

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064467.D
 Acq On : 06 Dec 2019 19:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/9/2019 2:03:55 PM

Quant Time: Dec 06 23:48:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	447034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	667596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	610016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305368	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	211980	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	7.92	113	214133	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	10.34	98	798212	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.64	95	252841	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	179772	44.382	ug/l	98
3) Chloromethane	2.21	50	244307	47.820	ug/l	99
4) Vinyl Chloride	2.35	62	285915	48.470	ug/l	100
5) Bromomethane	2.77	94	201339	46.155	ug/l	99
6) Chloroethane	2.93	64	198329	50.303	ug/l	100
7) Trichlorofluoromethane	3.27	101	484696	49.428	ug/l	96
8) Diethyl Ether	3.71	74	102536	50.319	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	203338	48.361	ug/l	97
10) Methyl Iodide	4.30	142	233889	52.675	ug/l	100
11) Tert butyl alcohol	5.26	59	60951	236.640	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	197568	49.032	ug/l	95
13) Acrolein	3.93	56	79115	225.194	ug/l	97
14) Allyl chloride	4.71	41	319141	50.751	ug/l	98
15) Acrylonitrile	5.44	53	219252	246.052	ug/l	99
16) Acetone	4.17	43	185158	226.444	ug/l	95
17) Carbon Disulfide	4.40	76	618120	48.436	ug/l	97
18) Methyl Acetate	4.73	43	118764	49.794	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	469163	50.760	ug/l	100
20) Methylene Chloride	4.96	84	229785	55.826	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	229466	50.346	ug/l	99
22) Diisopropyl ether	6.37	45	638813	51.459	ug/l	97
23) Vinyl Acetate	6.31	43	1893290	258.702	ug/l	99
24) 1,1-Dichloroethane	6.27	63	382170	51.191	ug/l	98
25) 2-Butanone	7.22	43	280444	242.522	ug/l	97
26) 2,2-Dichloropropane	7.21	77	321965	49.591	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	253131	50.942	ug/l	100
28) Bromochloromethane	7.55	49	139272	54.588	ug/l	98
29) Tetrahydrofuran	7.57	42	181952	247.315	ug/l	98
30) Chloroform	7.71	83	393385	50.879	ug/l	99
31) Cyclohexane	7.98	56	331268	50.908	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	364041	50.786	ug/l	98
36) 1,1-Dichloropropene	8.11	75	306027	48.464	ug/l	99
37) Ethyl Acetate	7.30	43	130740	48.795	ug/l	99
38) Carbon Tetrachloride	8.10	117	325093	48.780	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	370168	47.258	ug/l	98
40) Benzene	8.35	78	870645	49.643	ug/l	100
41) Methacrylonitrile	7.53	41	85000	55.318	ug/l	98
42) 1,2-Dichloroethane	8.43	62	258011	50.446	ug/l	99
43) Isopropyl Acetate	8.46	43	256943	48.773	ug/l	99
44) Trichloroethene	9.11	130	255601	48.382	ug/l	97
45) 1,2-Dichloropropane	9.39	63	216395	51.592	ug/l	97
46) Dibromomethane	9.48	93	118835	50.199	ug/l	99
47) Bromodichloromethane	9.66	83	317008	52.116	ug/l	99
48) Methyl methacrylate	9.46	41	120707	50.072	ug/l	96
49) 1,4-Dioxane	9.47	88	28181	964.022	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	648414	248.754	ug/l	100
52) Toluene	10.40	92	557308	48.760	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	291092	50.214	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	350998	50.967	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	160045	49.374	ug/l	96
56) Ethyl methacrylate	10.67	69	208313	50.386	ug/l	99
57) 1,3-Dichloropropane	10.95	76	276336	50.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	389293	236.205	ug/l	100
59) 2-Hexanone	10.99	43	431523	238.578	ug/l	98
60) Dibromochloromethane	11.14	129	224054	50.979	ug/l	100
61) 1,2-Dibromoethane	11.25	107	159686	49.339	ug/l	100
64) Tetrachloroethene	10.88	164	218812	47.038	ug/l	97
65) Chlorobenzene	11.67	112	614216	48.276	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	235913	50.089	ug/l	98
67) Ethyl Benzene	11.75	91	1082171	47.805	ug/l	99
68) m/p-Xylenes	11.86	106	841492	97.493	ug/l	99
69) o-Xylene	12.18	106	389072	48.808	ug/l	99
70) Styrene	12.20	104	679636	49.062	ug/l	99
71) Bromoform	12.37	173	135249	47.997	ug/l #	96
73) Isopropylbenzene	12.48	105	1032294	47.003	ug/l	99
74) N-amyl acetate	12.29	43	238216	47.790	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	168239	46.323	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	128707m	51.252	ug/l	
77) Bromobenzene	12.77	156	258211	47.609	ug/l	99
78) n-propylbenzene	12.83	91	1197744	47.266	ug/l	100
79) 2-Chlorotoluene	12.91	91	664731	47.673	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	846960	47.191	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	55482	48.175	ug/l	97
82) 4-Chlorotoluene	13.01	91	708064	47.962	ug/l	99
83) tert-Butylbenzene	13.23	119	752051	48.199	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	854471	47.347	ug/l	100
85) sec-Butylbenzene	13.41	105	1000997	46.743	ug/l	100
86) p-Isopropyltoluene	13.52	119	959118	47.439	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	487867	47.394	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	485127	47.735	ug/l	99
89) n-Butylbenzene	13.85	91	873040	47.551	ug/l	100
90) Hexachloroethane	14.12	117	177854	47.033	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	424188	48.218	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	25617	46.936	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	317528	47.130	ug/l	99
94) Hexachlorobutadiene	15.28	225	190788	45.871	ug/l	98
95) Naphthalene	15.41	128	521509	46.382	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	277108	48.184	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

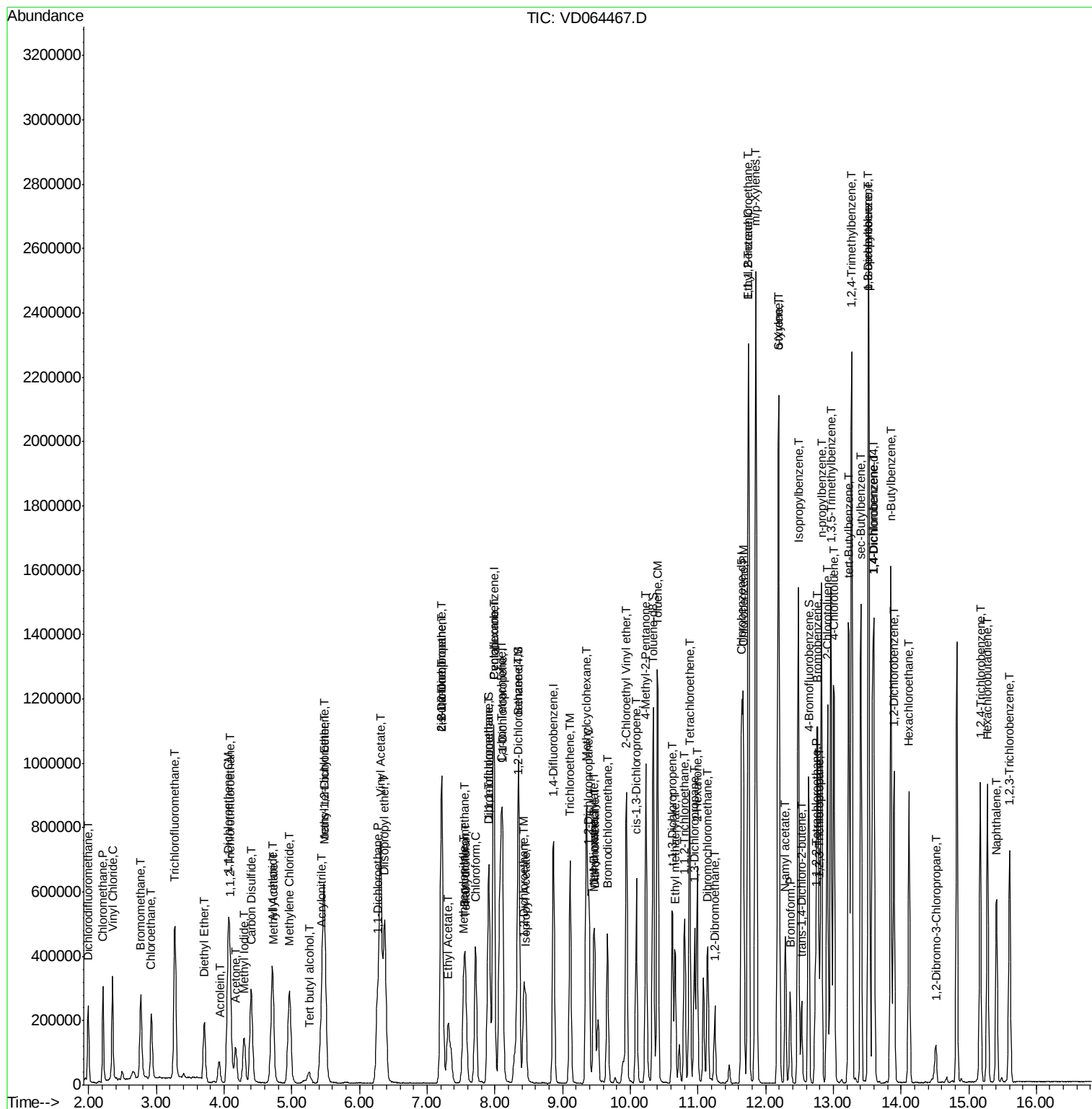
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
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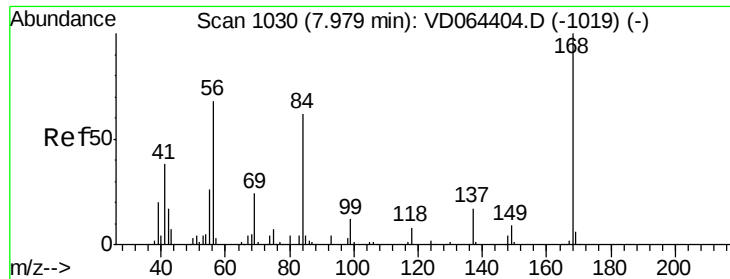
Instrument :
MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 447034

Ion Ratio Lower Upper

168 100

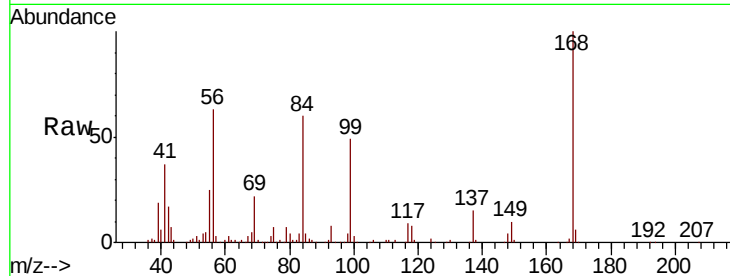
99 48.5 40.7 61.1

Manual Integrations

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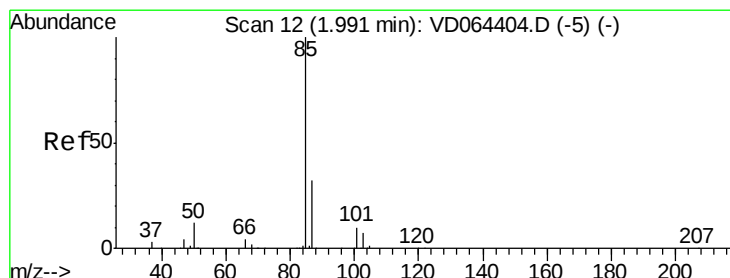
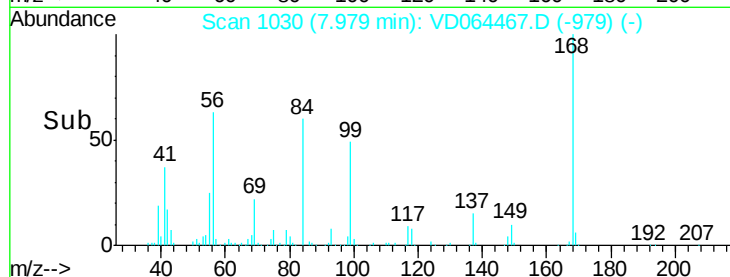
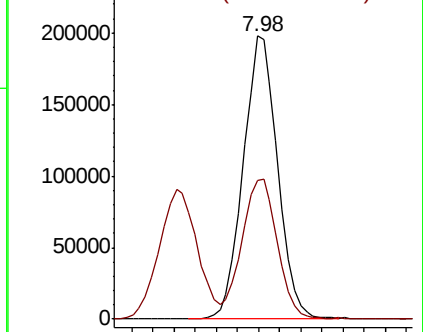
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.382 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064467.D

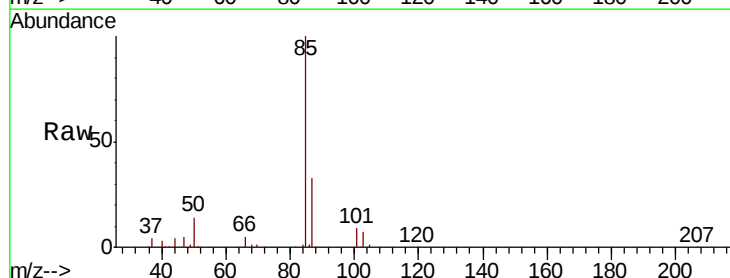
Acq: 06 Dec 2019 19:17

Tgt Ion: 85 Resp: 179772

Ion Ratio Lower Upper

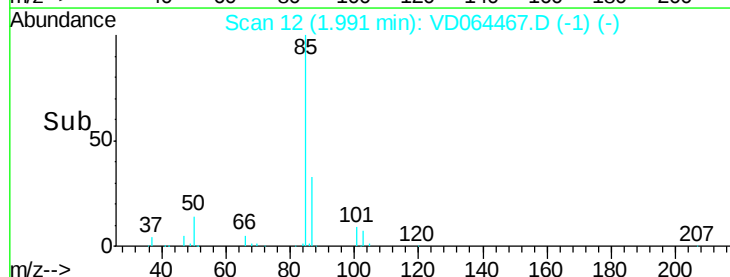
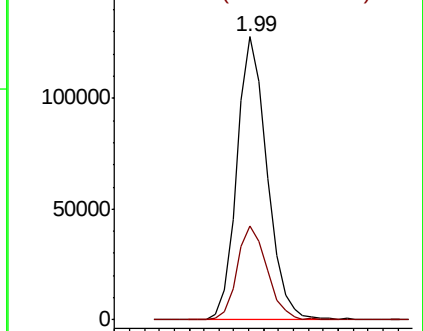
85 100

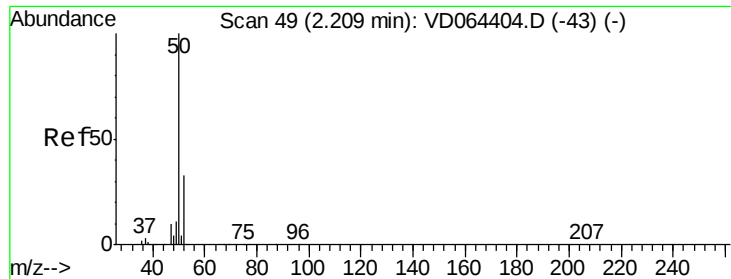
87 33.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.820 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 244307

Ion Ratio Lower Upper

50 100

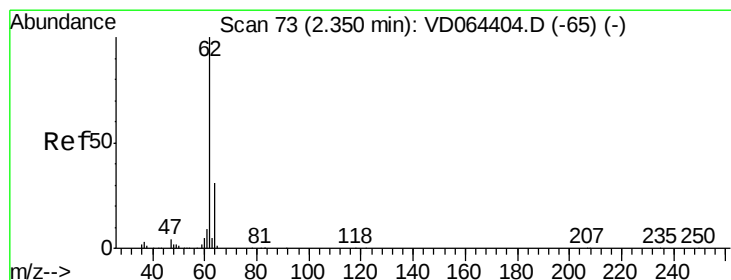
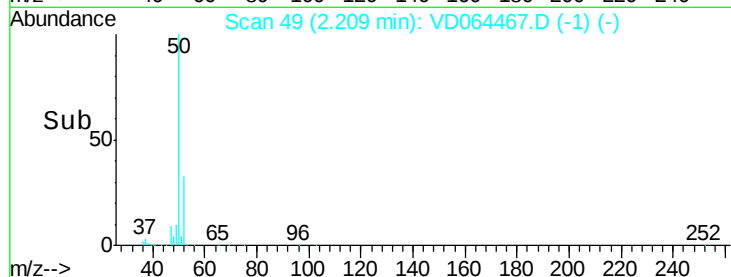
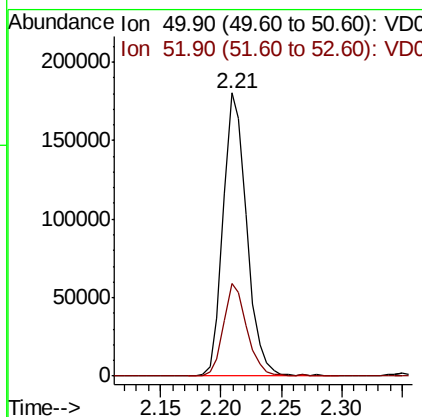
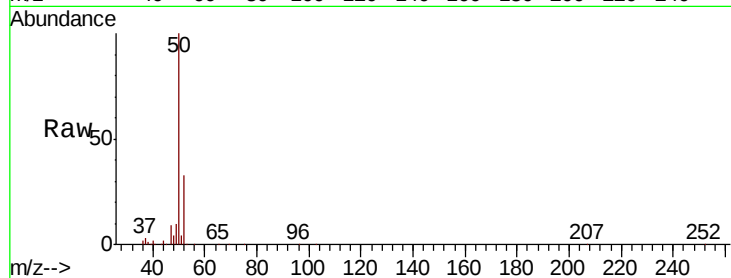
52 32.8 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.470 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064467.D

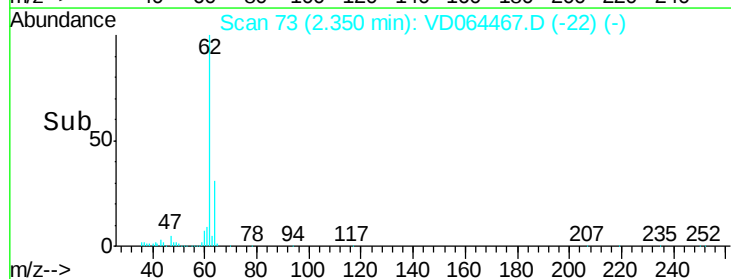
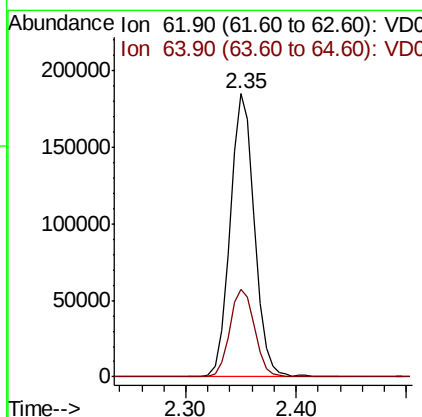
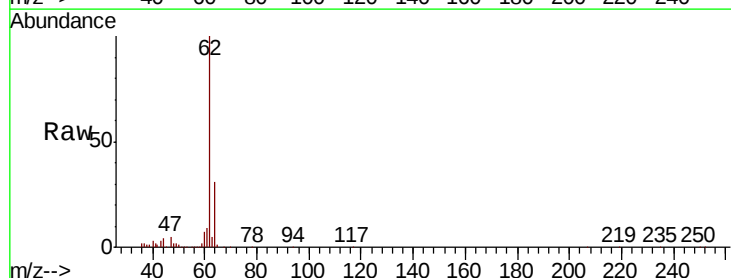
Acq: 06 Dec 2019 19:17

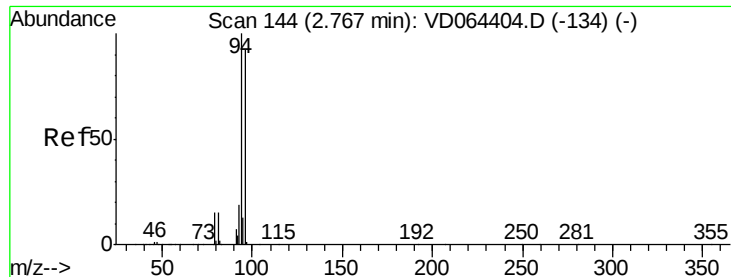
Tgt Ion: 62 Resp: 285915

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4





#5

Bromomethane

Concen: 46.155 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 201339

Ion Ratio Lower Upper

94 100

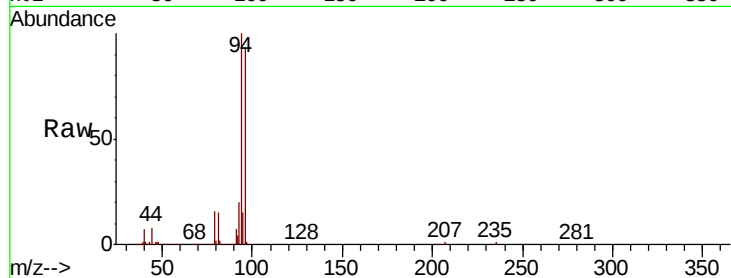
96 92.9 73.6 110.4

Manual Integrations

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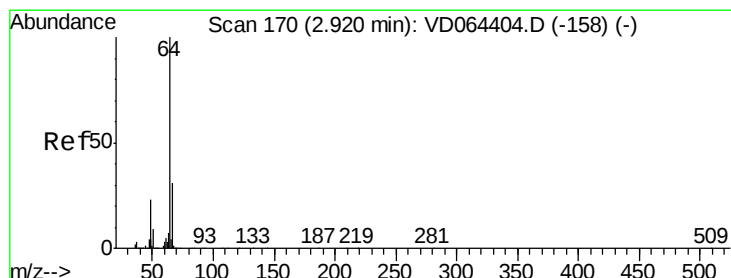
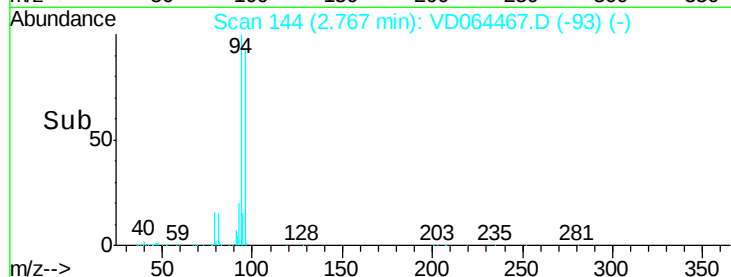
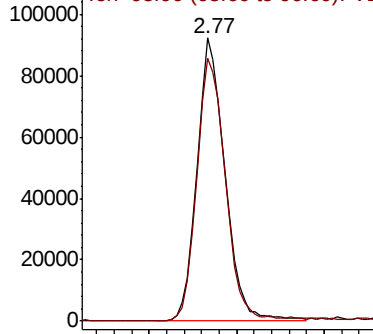
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 50.303 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD064467.D

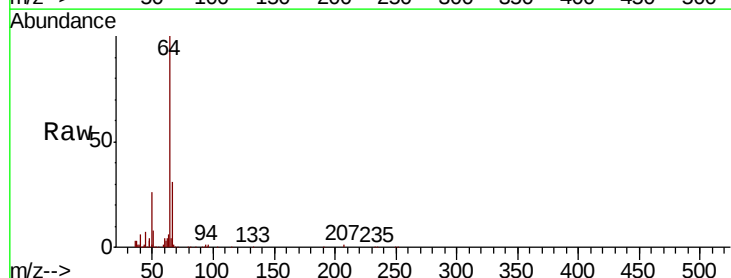
Acq: 06 Dec 2019 19:17

Tgt Ion: 64 Resp: 198329

Ion Ratio Lower Upper

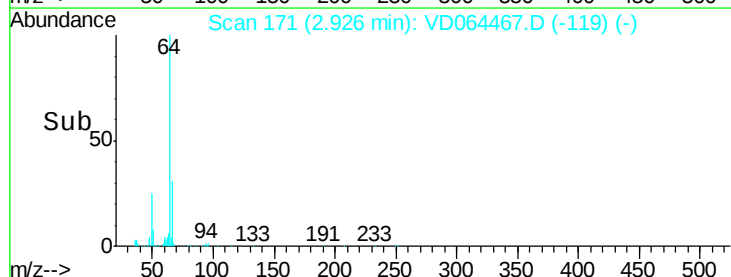
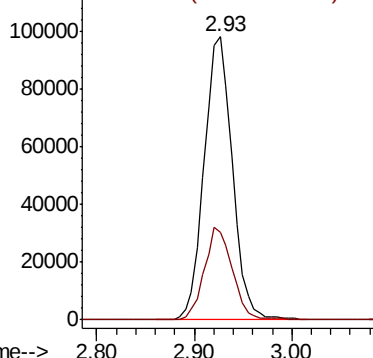
64 100

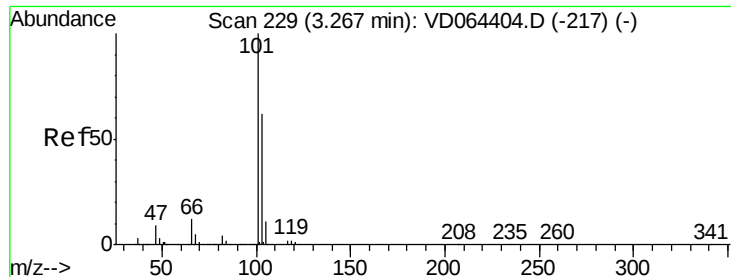
66 30.8 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

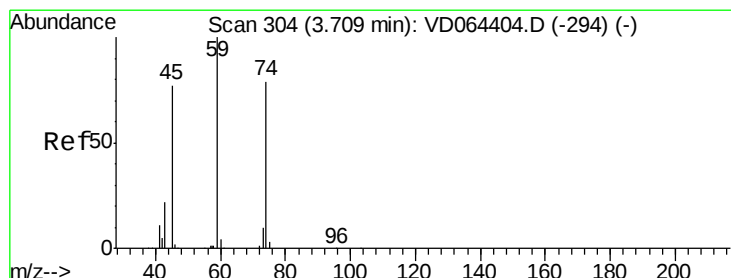
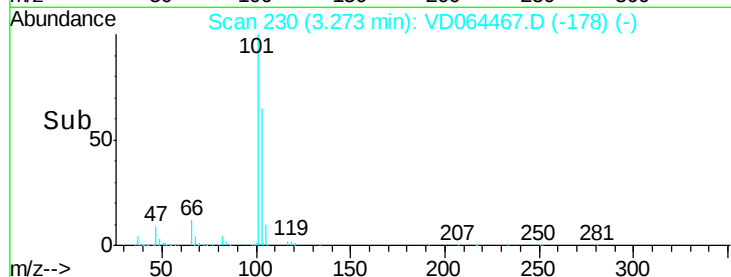
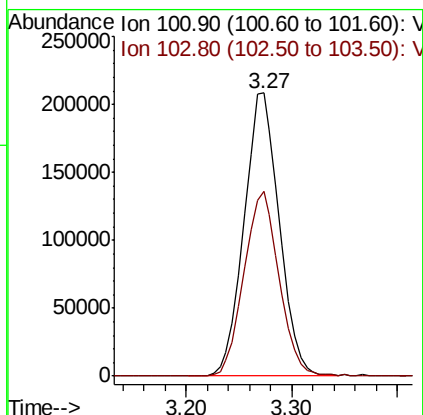
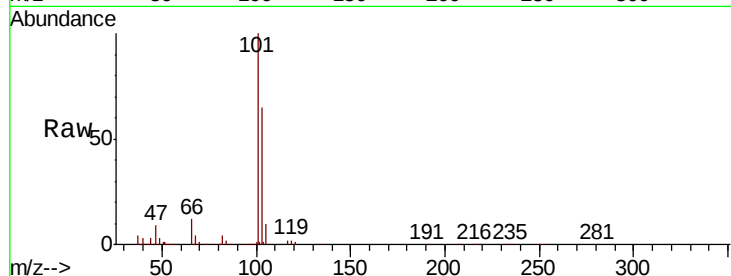
Trichlorofluoromethane
Concen: 49.428 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.01 min
Lab File: VD064467.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	49.8	74.6

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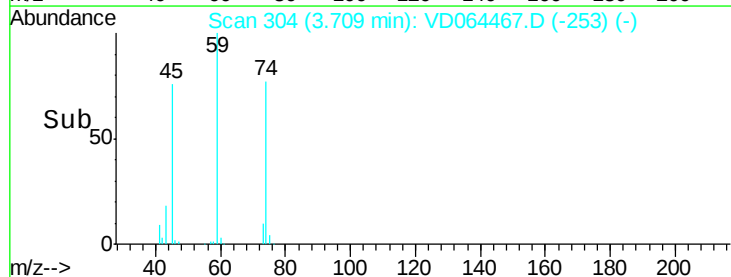
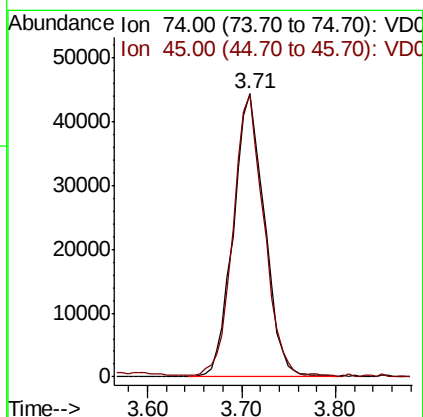
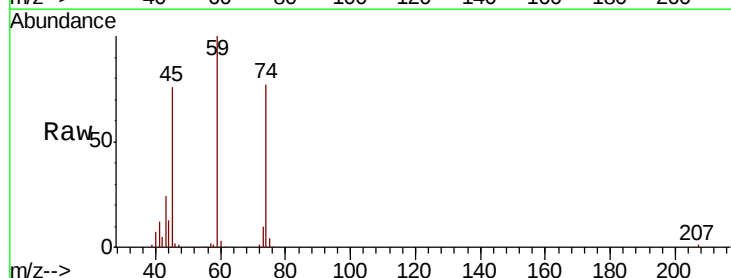
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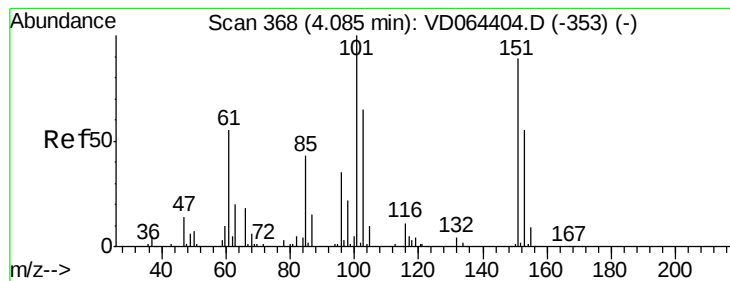


#8

Diethyl Ether
Concen: 50.319 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.361 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

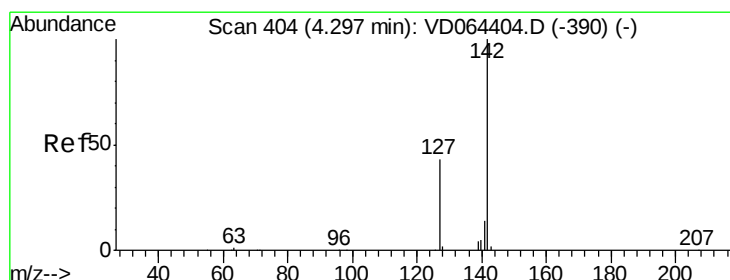
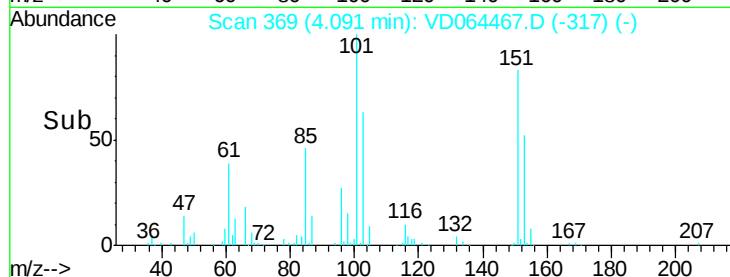
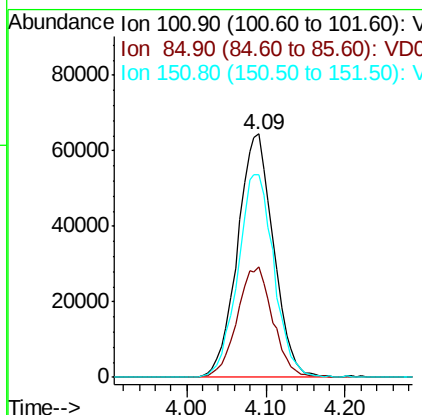
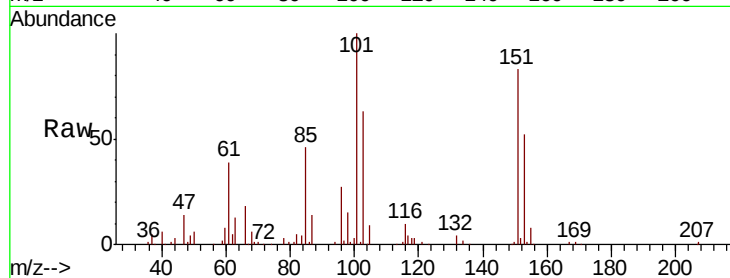
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	203338
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.8	52.2
151	83.4	68.8	103.2

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#10

Methyl Iodide

Concen: 52.675 ug/l

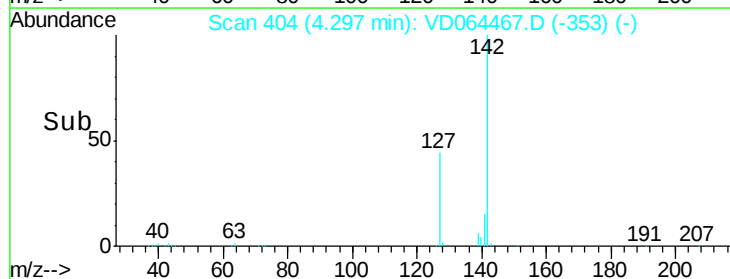
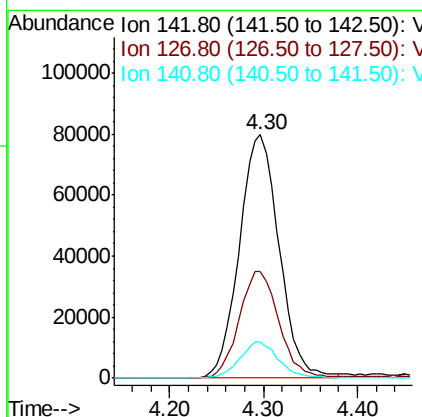
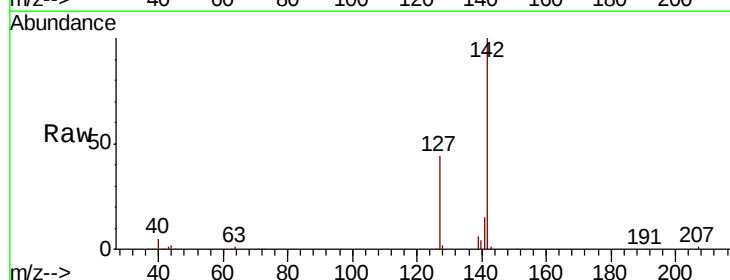
RT: 4.30 min Scan# 404

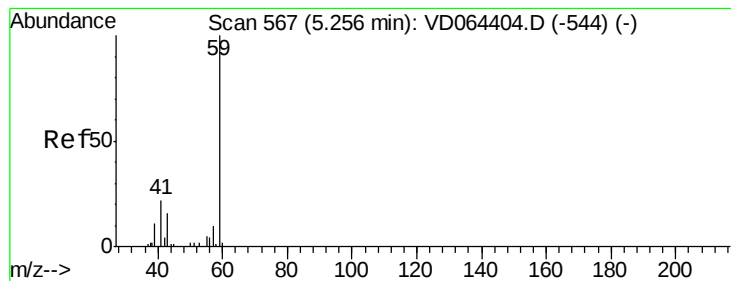
Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Tgt Ion:	142	Resp:	233889
Ion Ratio	Lower	Upper	
142	100		
127	44.2	35.3	52.9
141	14.5	11.6	17.4





#11

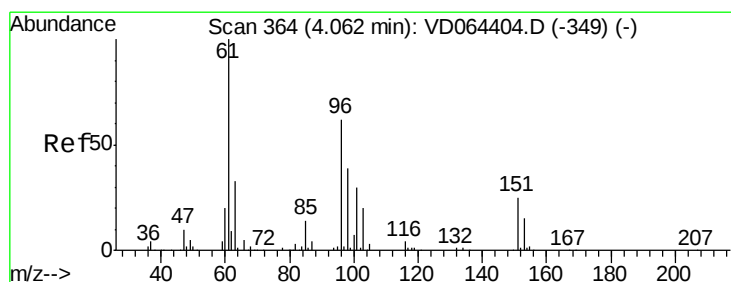
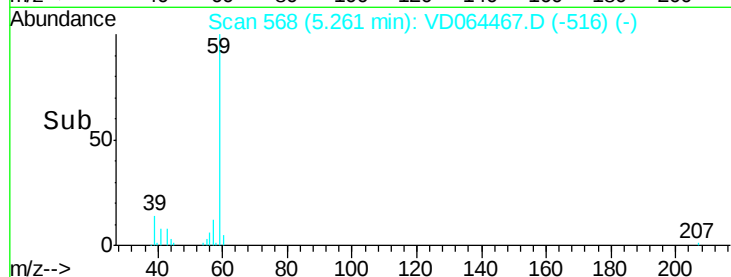
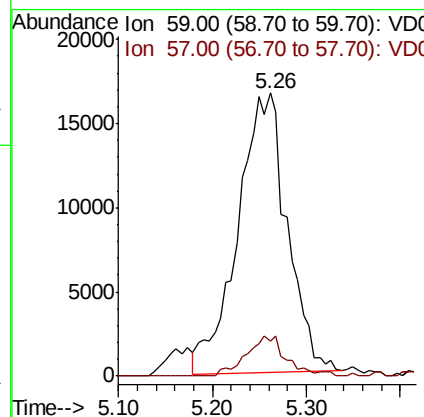
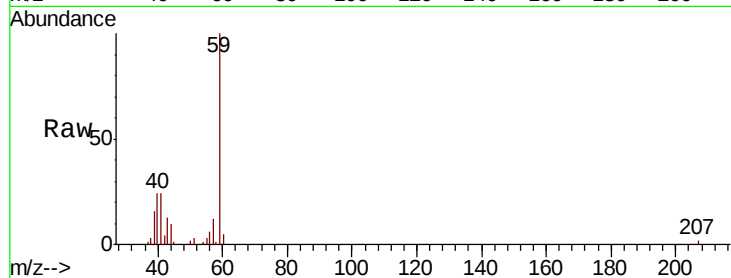
Tert butyl alcohol
Concen: 236.640 ug/l
RT: 5.26 min Scan# 568
Delta R.T. 0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 60951
Ion Ratio Lower Upper
59 100
57 11.2 0.0 0.0#

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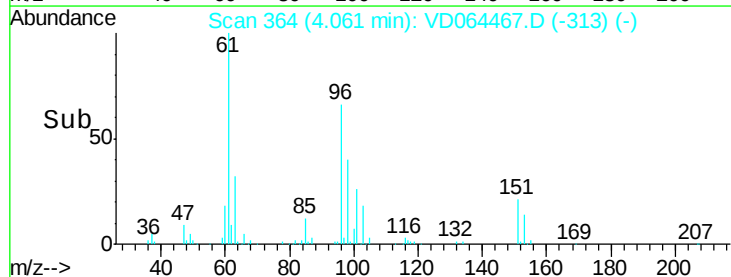
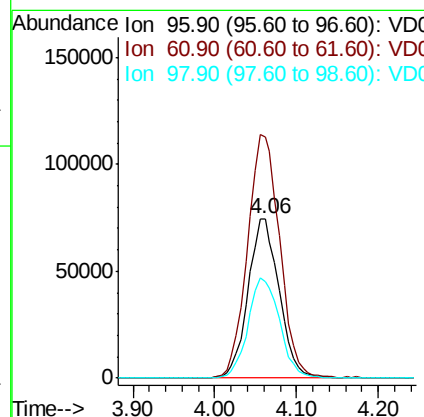
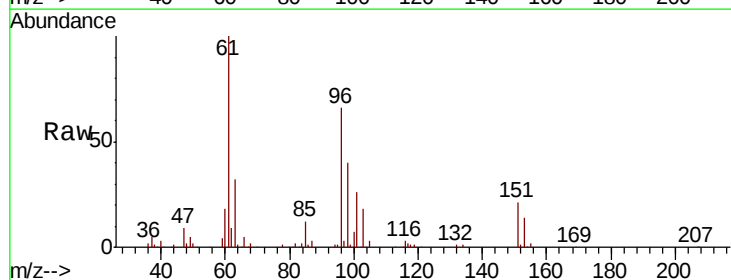
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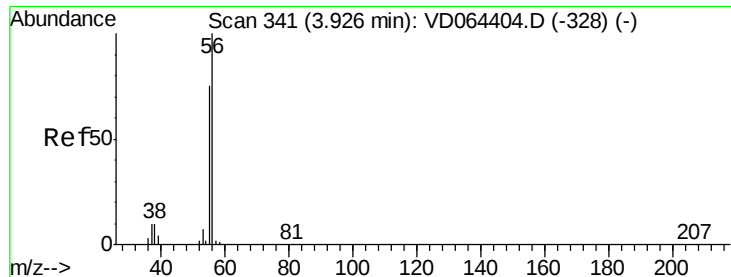


#12

1,1-Dichloroethene
Concen: 49.032 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion: 96 Resp: 197568
Ion Ratio Lower Upper
96 100
61 151.8 128.2 192.4
98 60.7 50.4 75.6





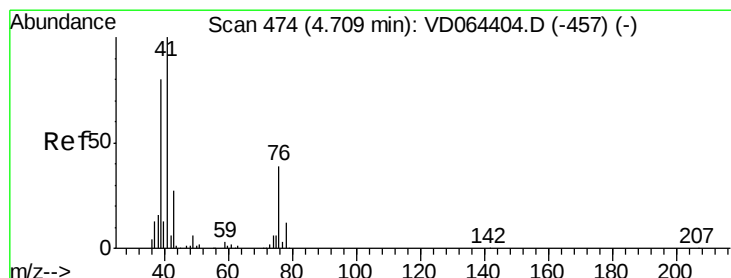
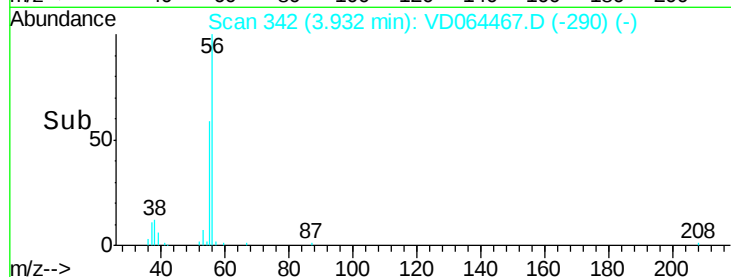
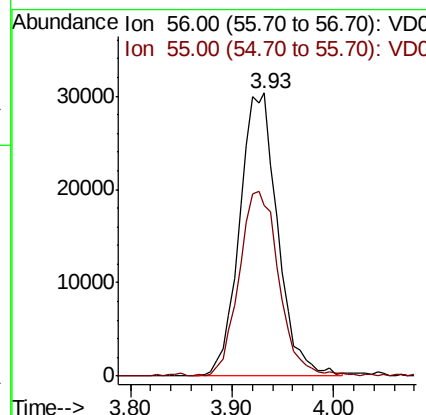
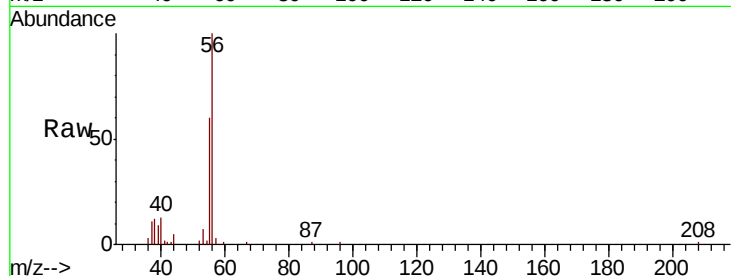
#13
Acrolein
Concen: 225.194 ug/l
RT: 3.93 min Scan# 342
Delta R.T. 0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.4	56.9	85.3

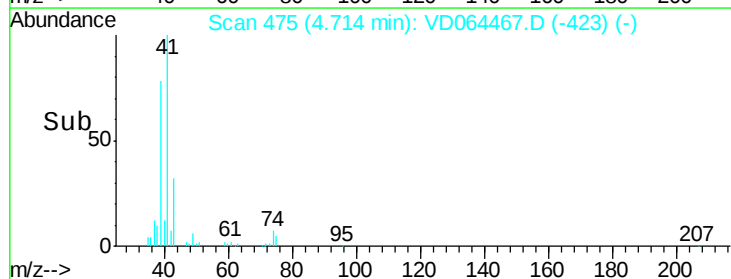
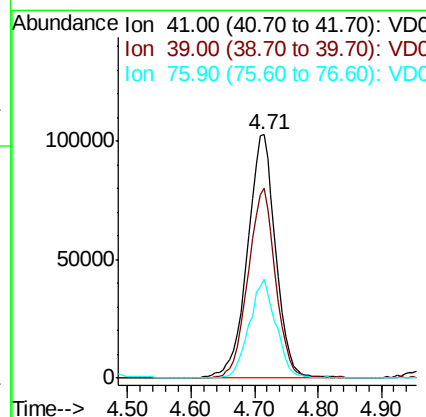
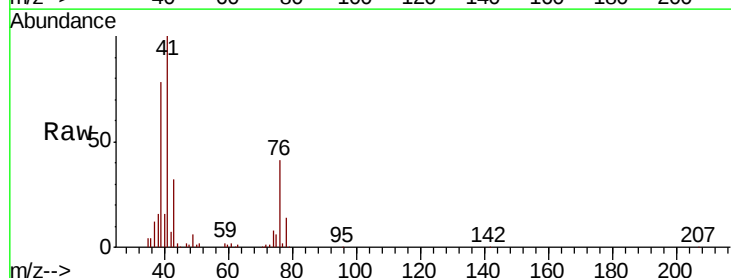
Manual Integrations
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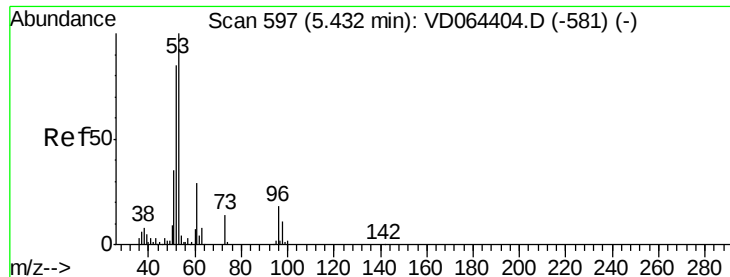
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#14
Allyl chloride
Concen: 50.751 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	75.8	62.1	93.1
76	38.3	29.8	44.8





#15

Acrylonitrile

Concen: 246.052 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

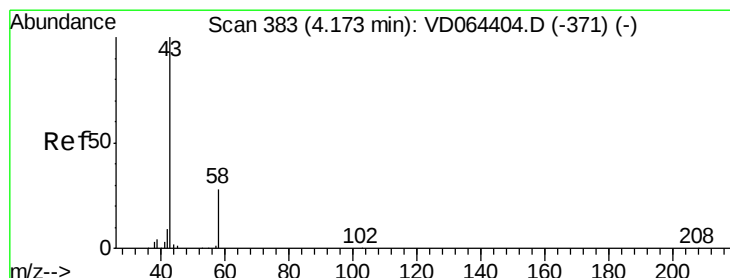
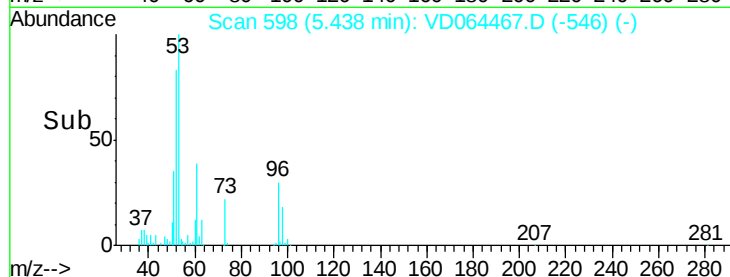
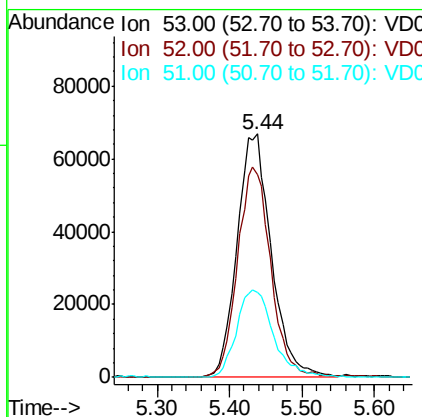
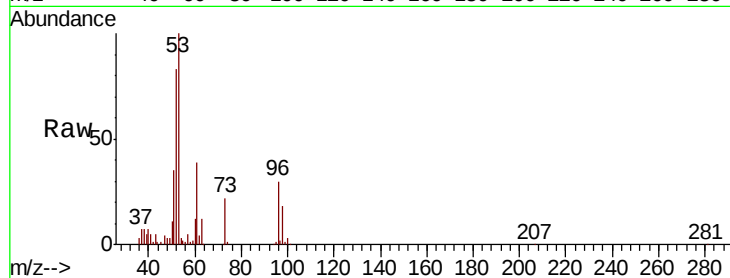
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	219252
Ion Ratio	Lower	Upper	
53	100		
52	83.6	67.9	101.9
51	38.7	30.6	45.8

Manual Integrations
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#16

Acetone

Concen: 226.444 ug/l

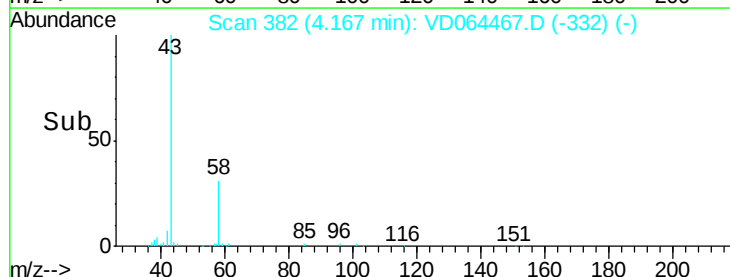
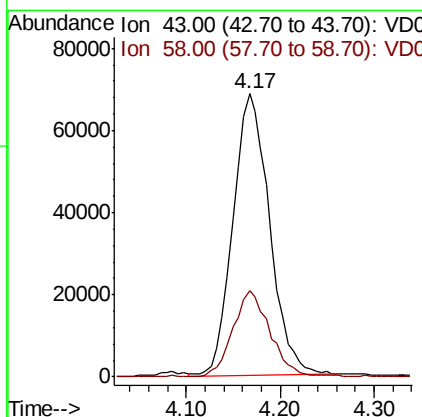
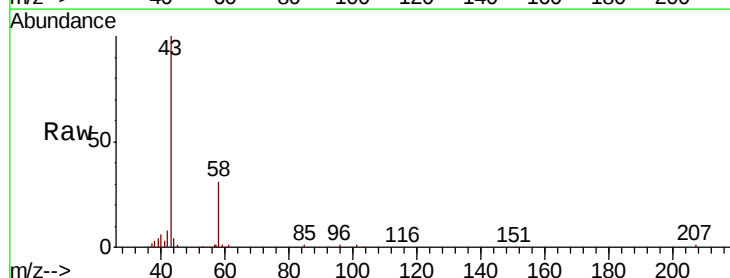
RT: 4.17 min Scan# 382

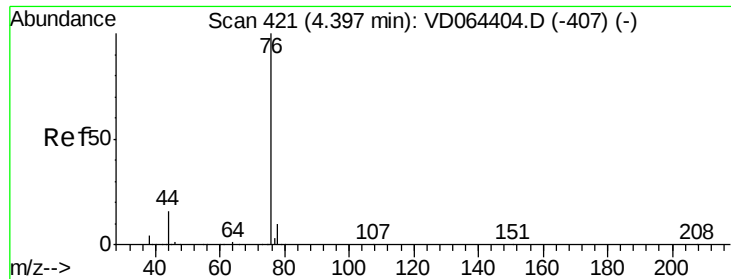
Delta R.T. -0.01 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Tgt Ion:	43	Resp:	185158
Ion Ratio	Lower	Upper	
43	100		
58	30.8	22.6	33.8





#17

Carbon Disulfide

Concen: 48.436 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 618120

Ion Ratio Lower Upper

76 100

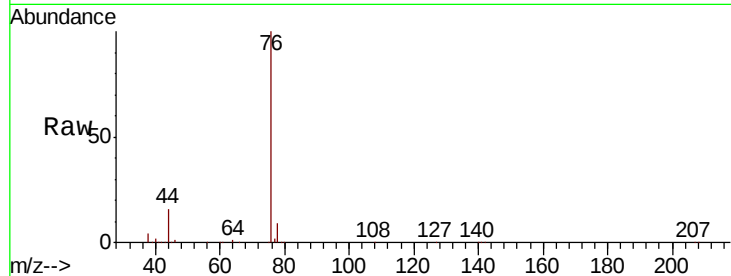
78 8.7 7.8 11.8

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

250000

200000

150000

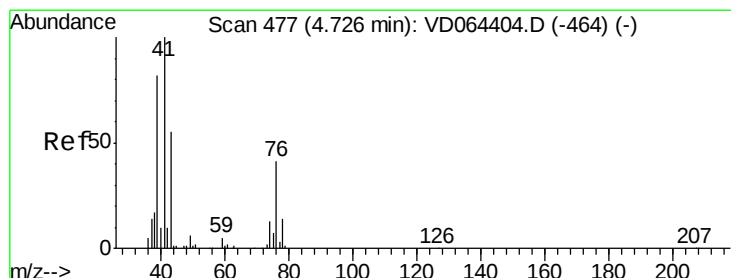
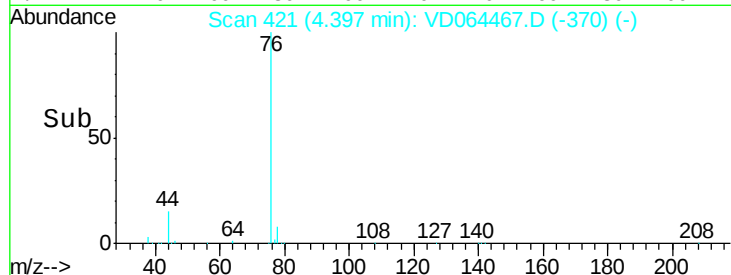
100000

50000

0

4.30 4.40 4.50

Time-->



#18

Methyl Acetate

Concen: 49.794 ug/l

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VD064467.D

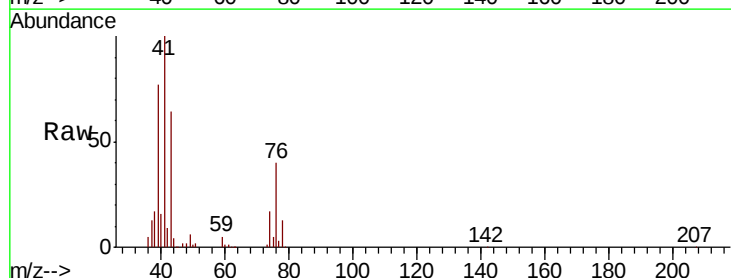
Acq: 06 Dec 2019 19:17

Tgt Ion: 43 Resp: 118764

Ion Ratio Lower Upper

43 100

74 25.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

40000

30000

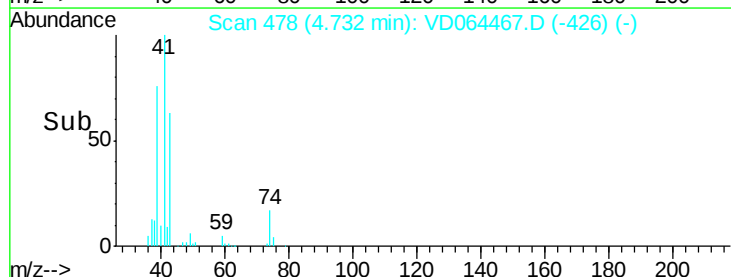
20000

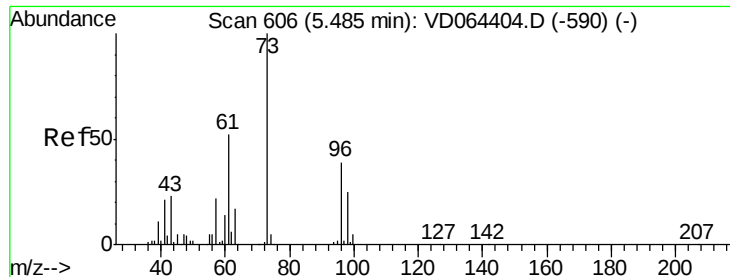
10000

0

4.60 4.70 4.80 4.90

Time-->





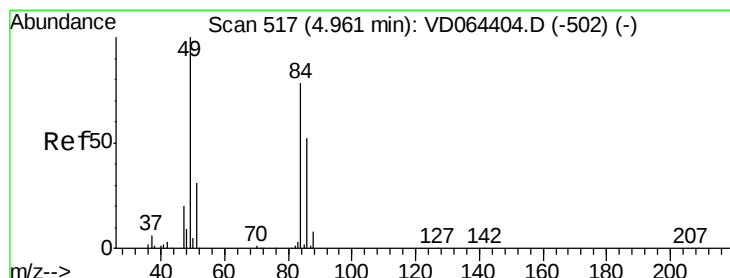
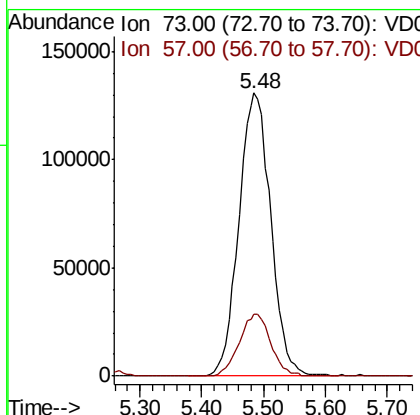
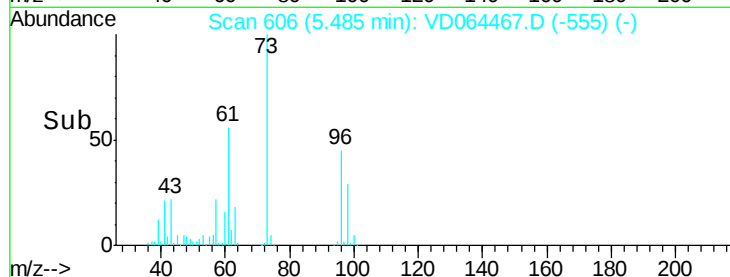
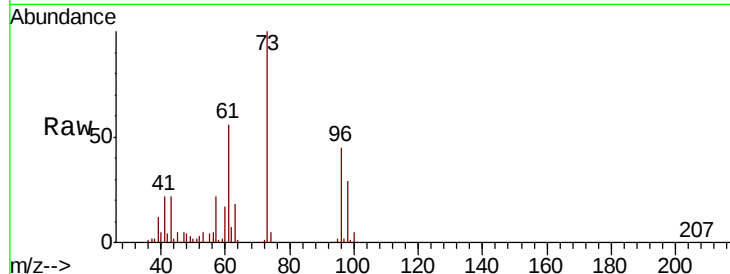
#19
Methvl tert-butvl Ether
Concen: 50.760 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 469163
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

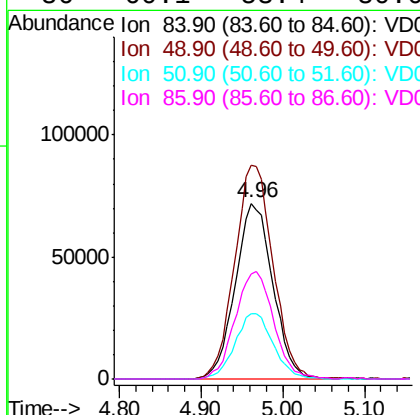
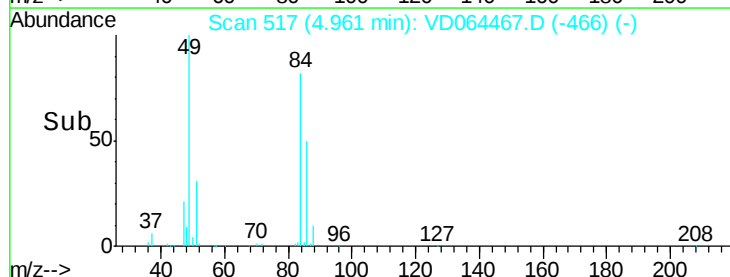
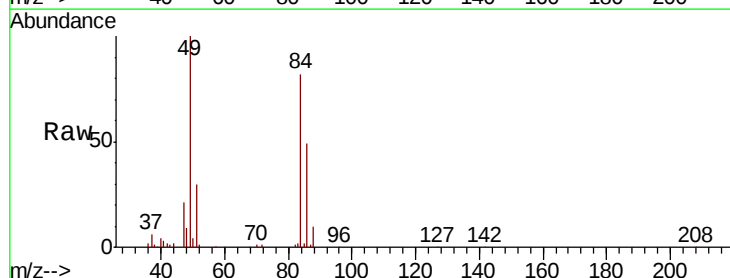
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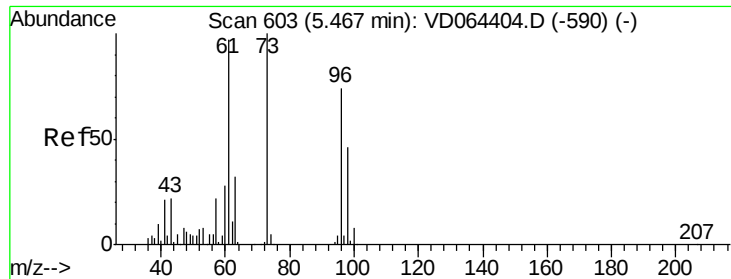
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#20
Methylene Chloride
Concen: 55.826 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion: 84 Resp: 229785
Ion Ratio Lower Upper
84 100
49 121.8 102.6 153.8
51 37.0 32.0 48.0
86 60.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 50.346 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

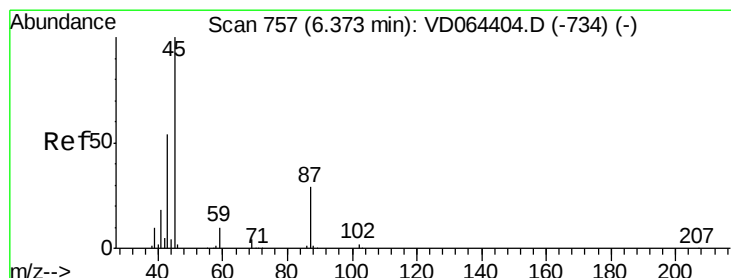
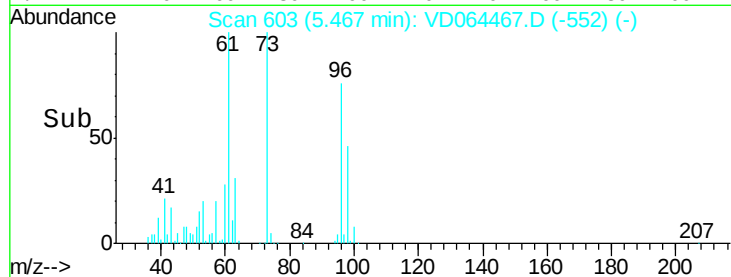
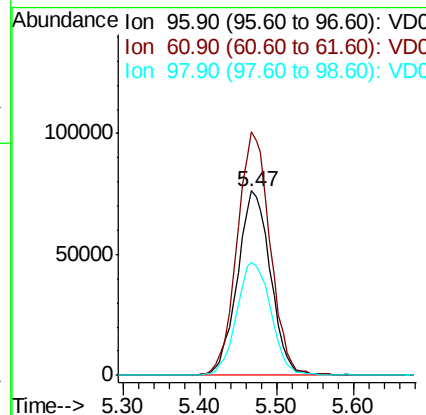
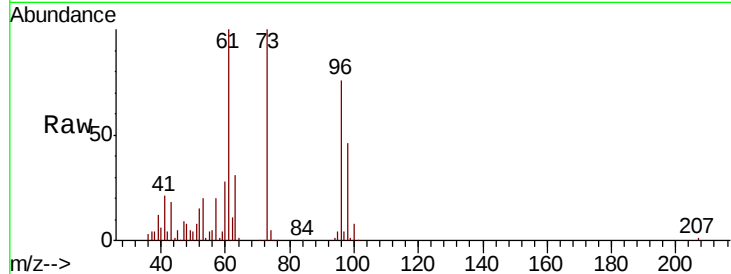
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	229466
Ion	Ratio	Lower	Upper
96	100		
61	131.9	105.8	158.6
98	60.9	50.1	75.1

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#22

Diisopropyl ether

Concen: 51.459 ug/l

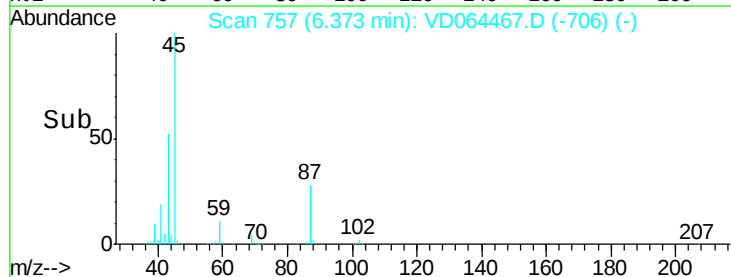
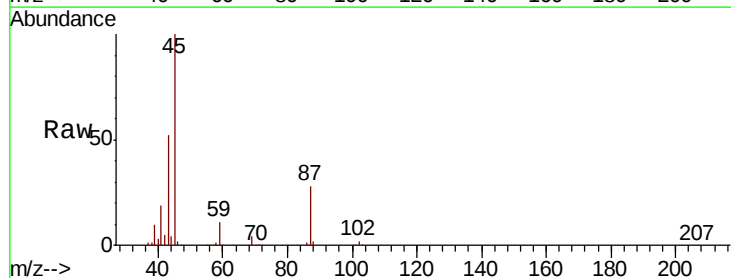
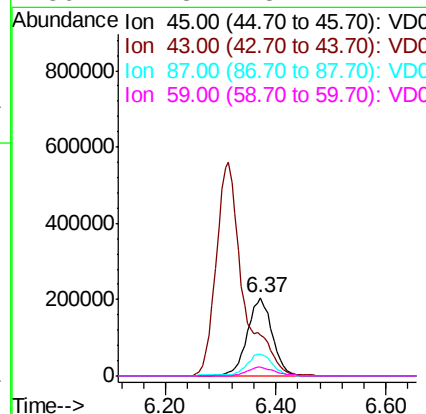
RT: 6.37 min Scan# 757

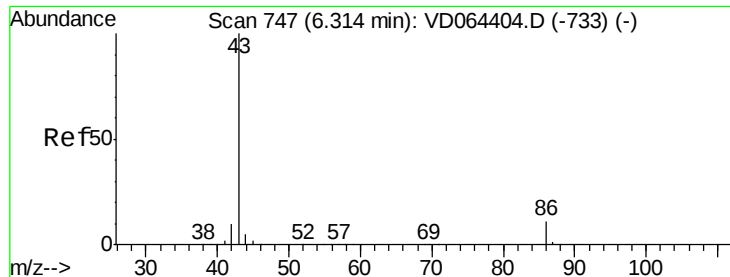
Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Tgt Ion:	45	Resp:	638813
Ion	Ratio	Lower	Upper
45	100		
43	51.8	43.1	64.7
87	27.5	23.5	35.3
59	11.3	8.2	12.2





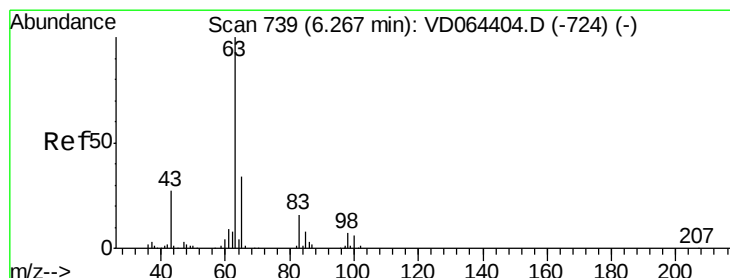
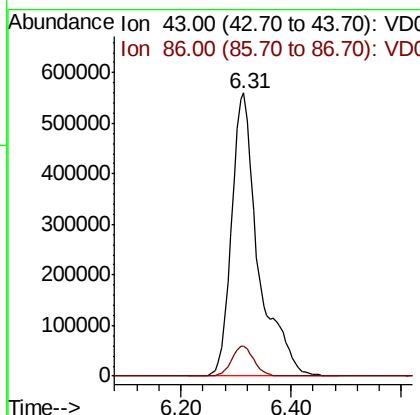
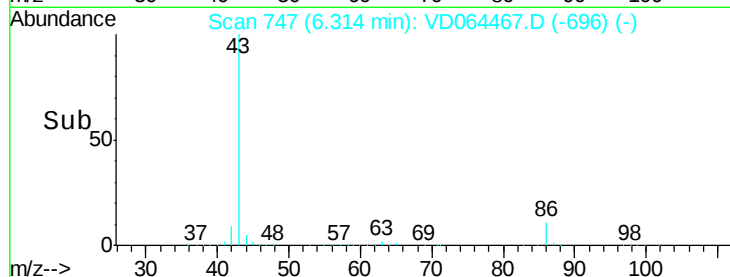
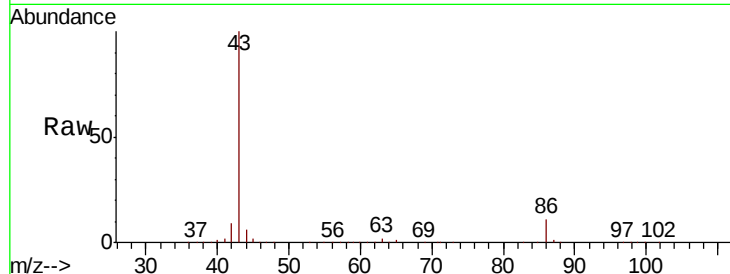
#23
 Vinyl Acetate
 Concen: 258.702 ug/l
 RT: 6.31 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1893290
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.9 13.3

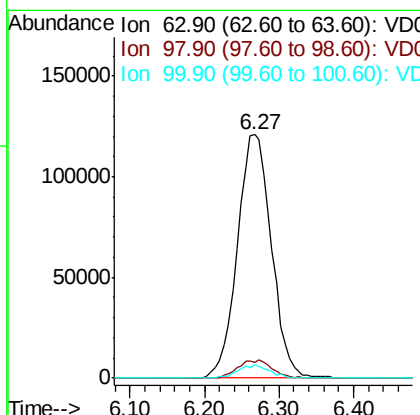
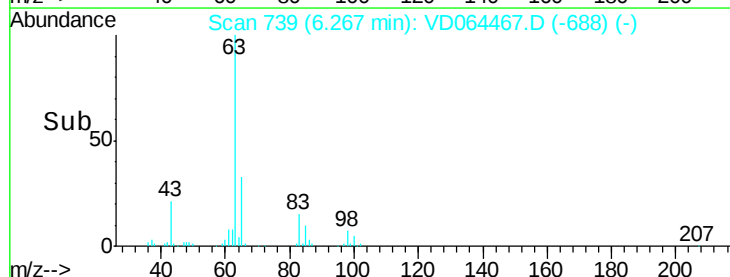
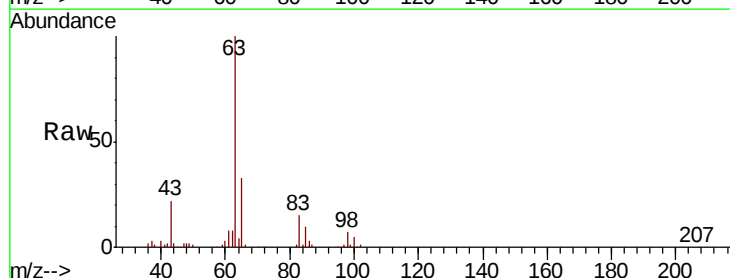
Manual Integrations
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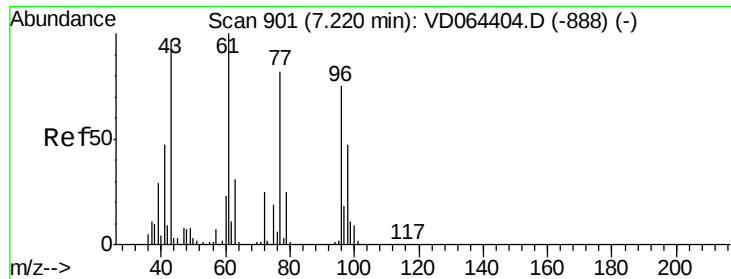
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#24
 1,1-Dichloroethane
 Concen: 51.191 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Tgt Ion: 63 Resp: 382170
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 5.3 2.9 8.6





#25

2-Butanone

Concen: 242.522 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 280444

Ion Ratio Lower Upper

43 100

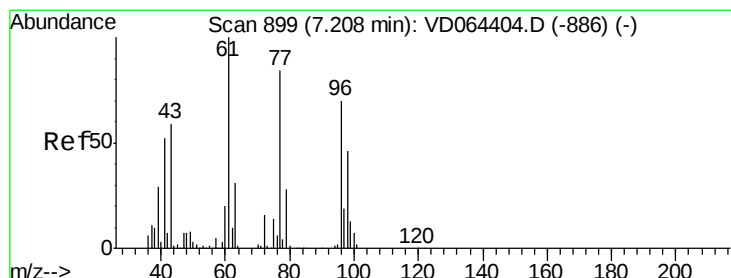
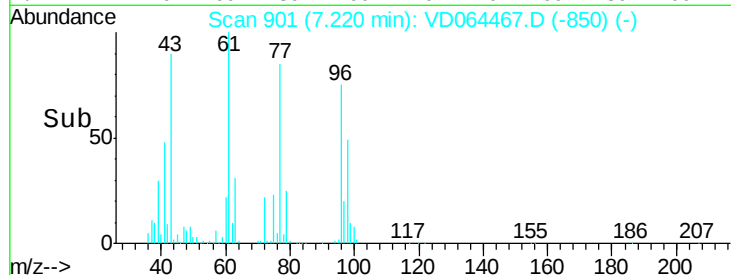
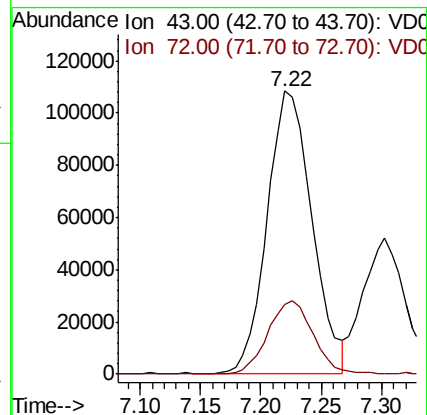
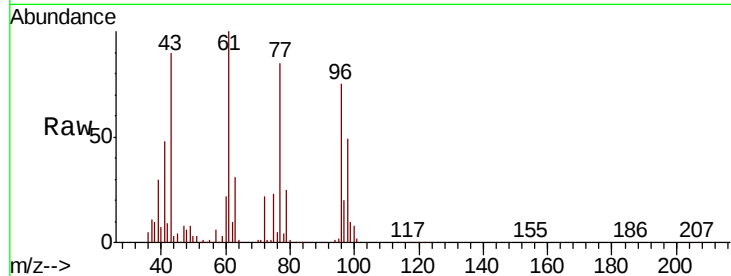
72 24.5 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 49.591 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD064467.D

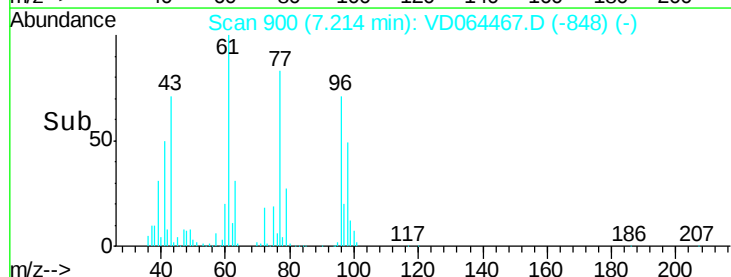
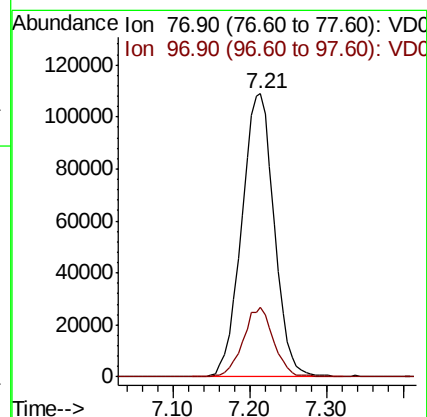
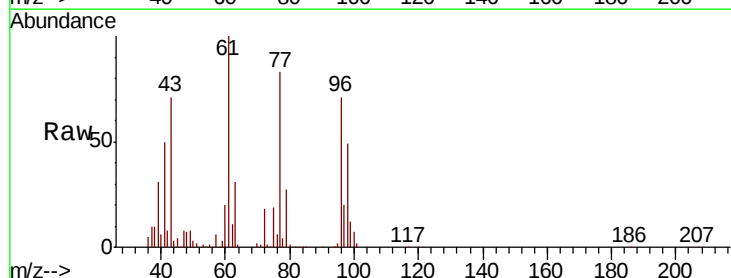
Acq: 06 Dec 2019 19:17

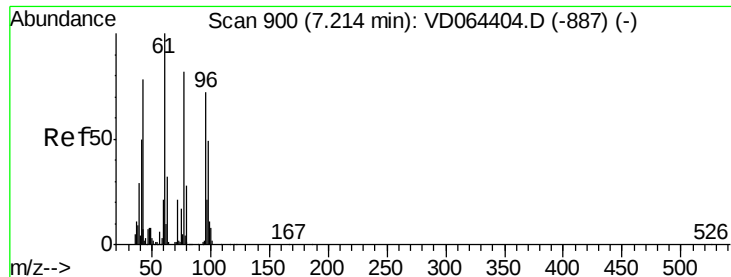
Tgt Ion: 77 Resp: 321965

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7





#27

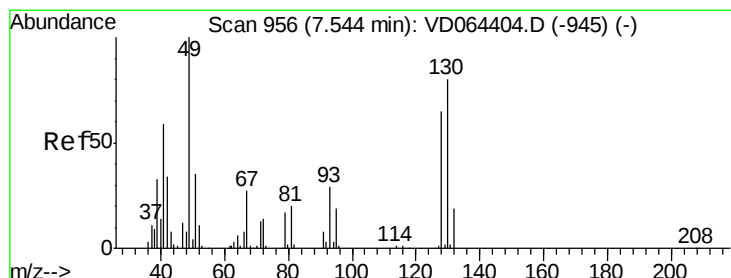
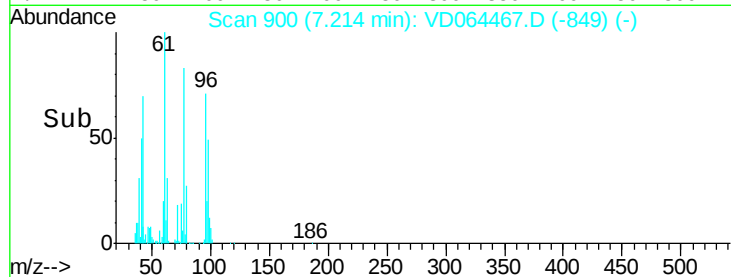
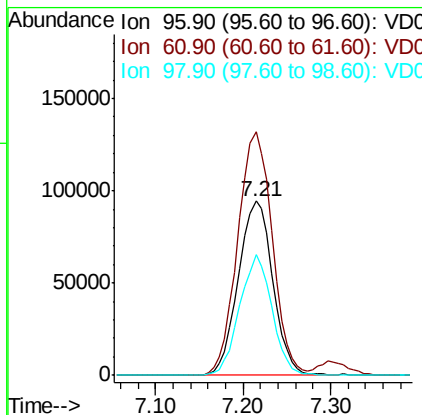
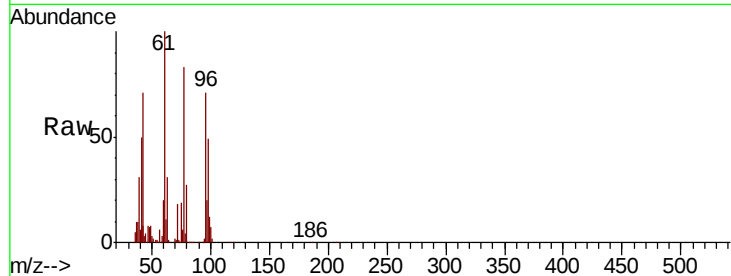
cis-1,2-Dichloroethene
Concen: 50.942 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	253131		
61	140.0	0.0	279.6	
98	64.8	0.0	129.2	

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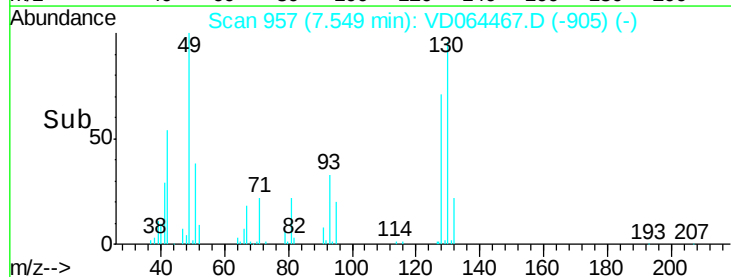
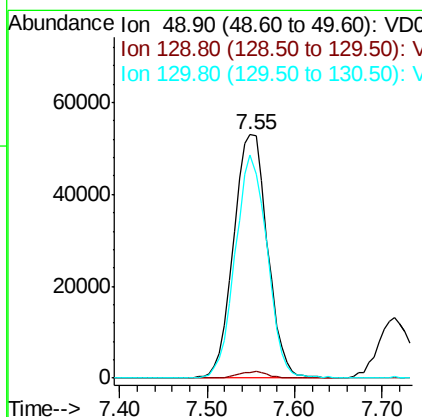
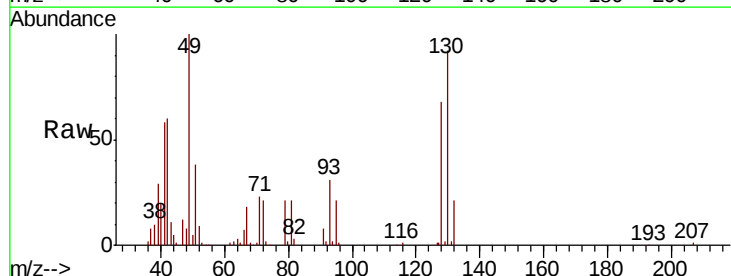
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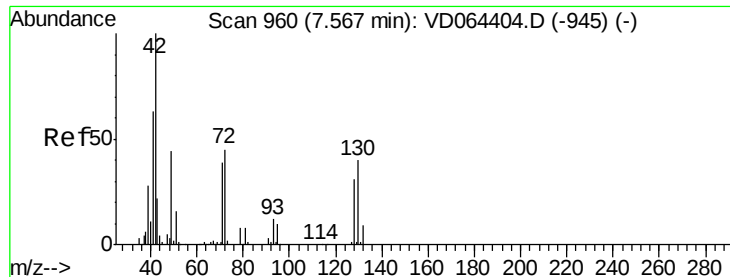


#28

Bromochloromethane
Concen: 54.588 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	139272		
129	2.2	0.0	4.4	
130	86.4	67.4	101.0	





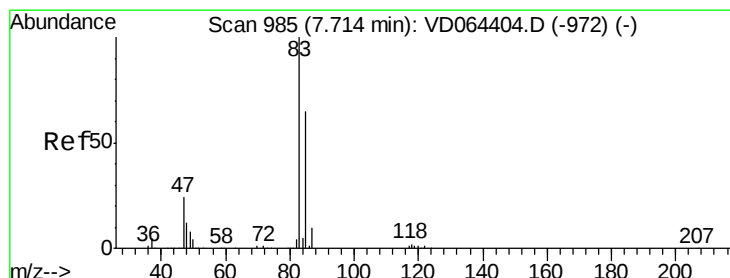
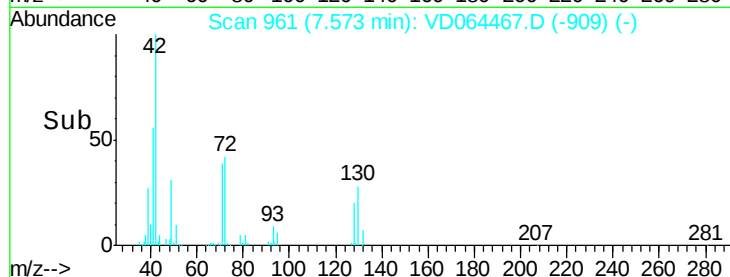
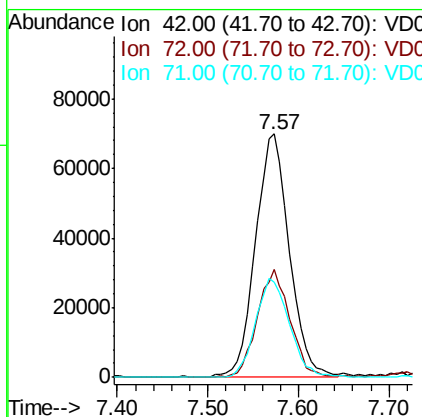
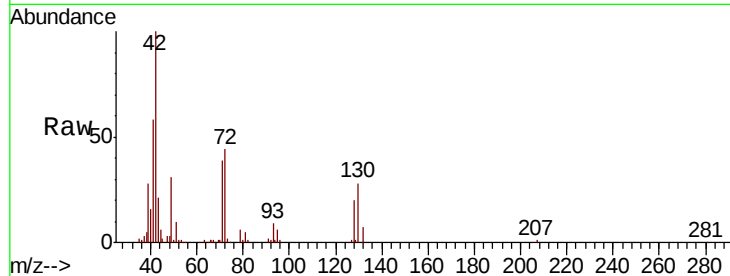
#29
Tetrahydrofuran
Concen: 247.315 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	35.8	53.8
71	40.6	32.7	49.1

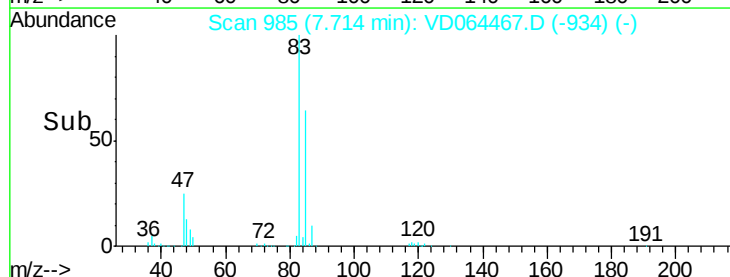
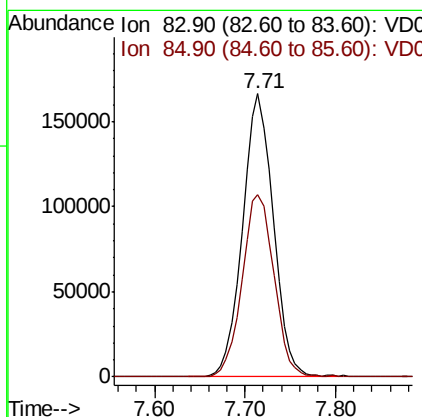
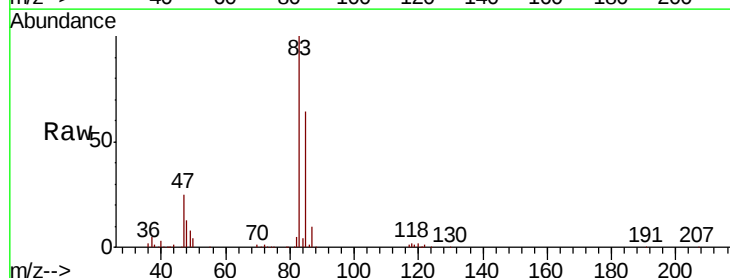
Manual Integrations
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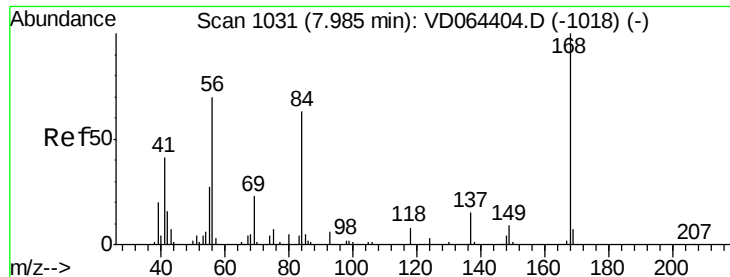
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#30
Chloroform
Concen: 50.879 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6





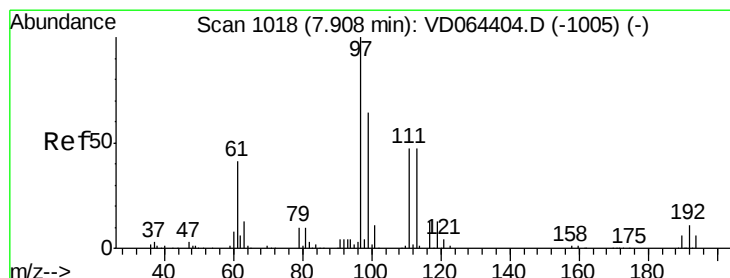
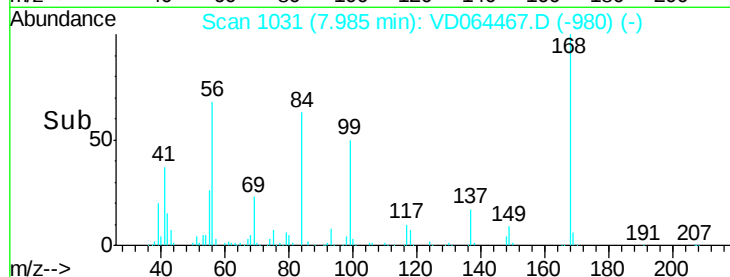
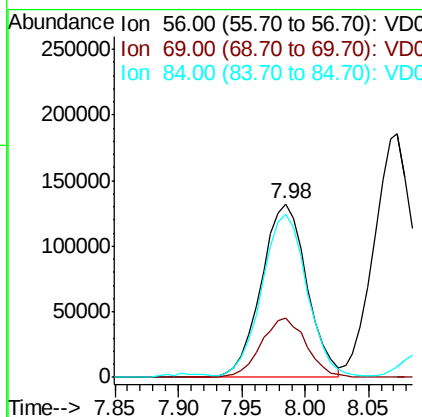
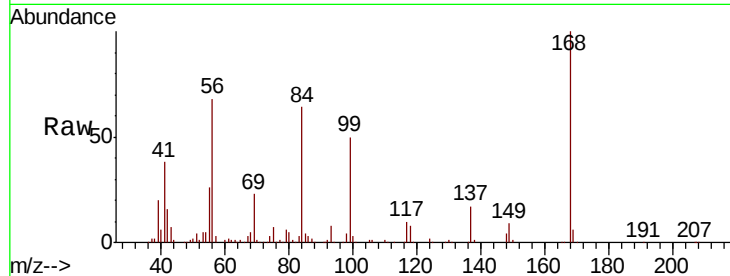
#31
Cyclohexane
Concen: 50.908 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	26.2	39.4
84	92.0	70.3	105.5

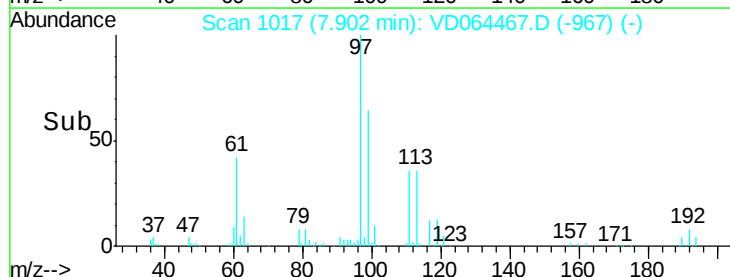
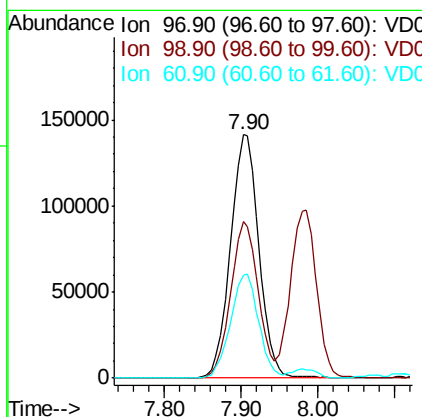
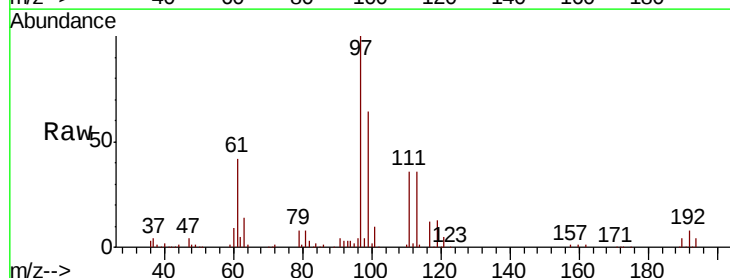
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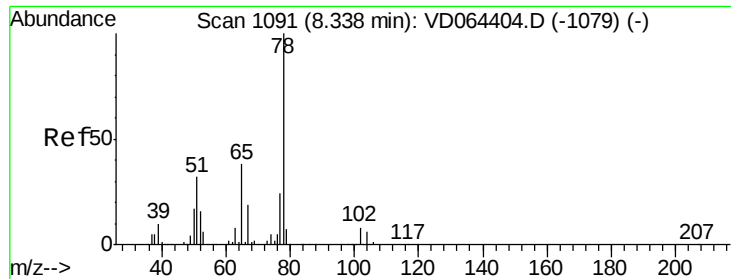
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#32
1,1,1-Trichloroethane
Concen: 50.786 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.4	77.2
61	42.4	35.0	52.4





#33

1,2-Dichloroethane-d4

Concen: 52.388 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 211980

Ion Ratio Lower Upper

65 100

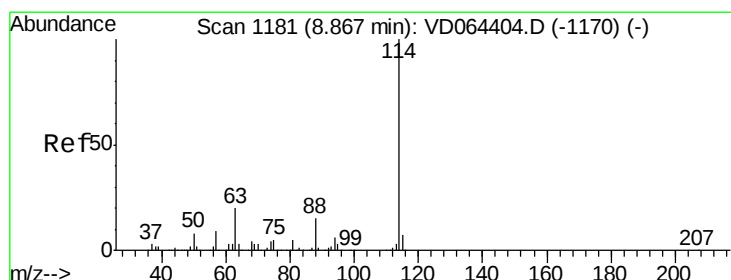
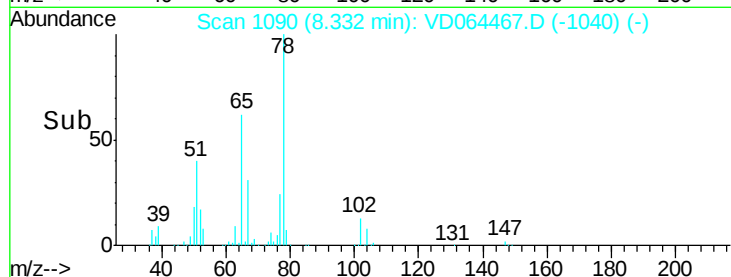
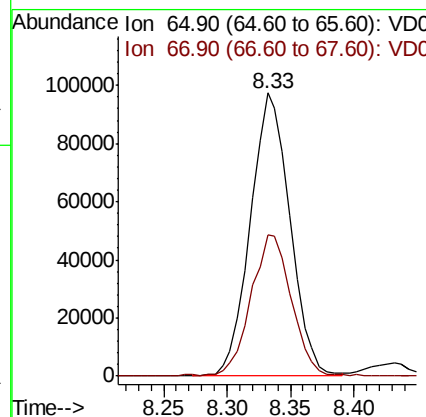
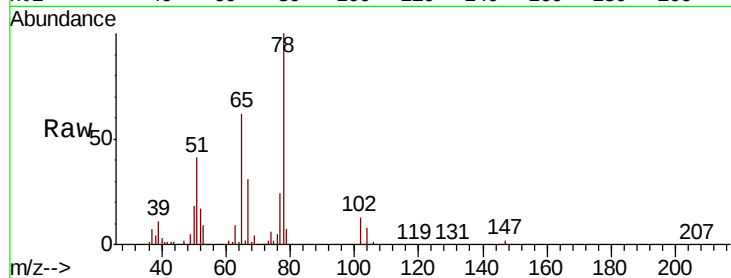
67 51.4 0.0 102.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

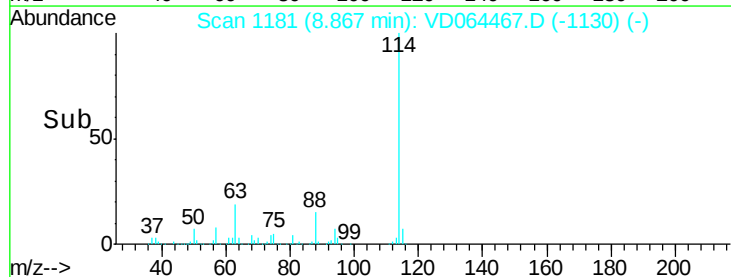
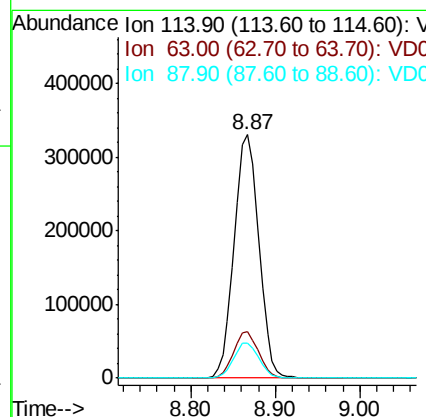
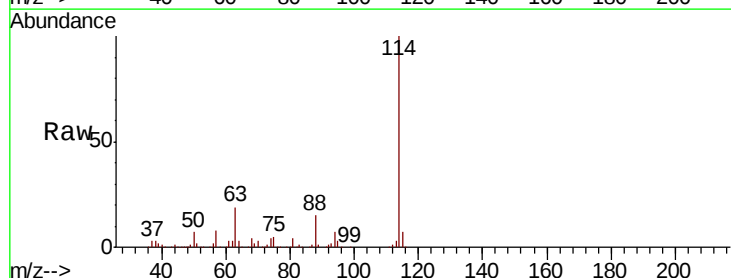
Tgt Ion: 114 Resp: 667596

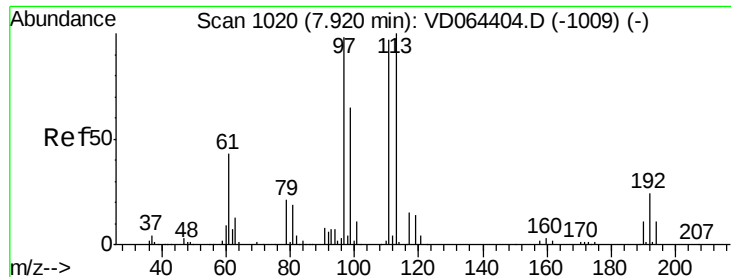
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 14.5 0.0 29.2





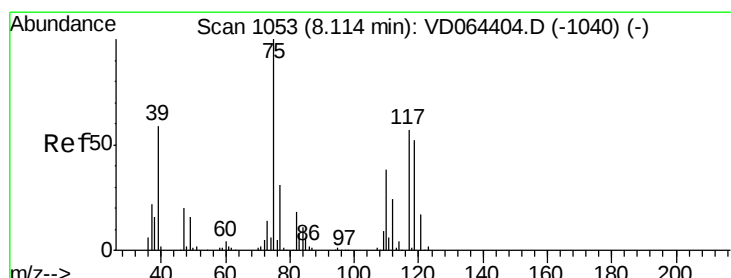
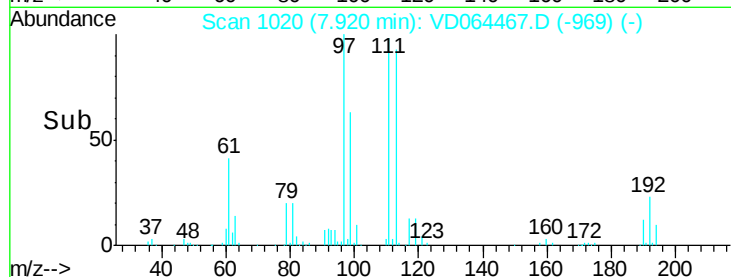
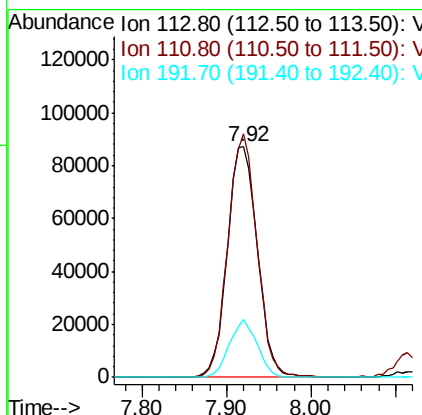
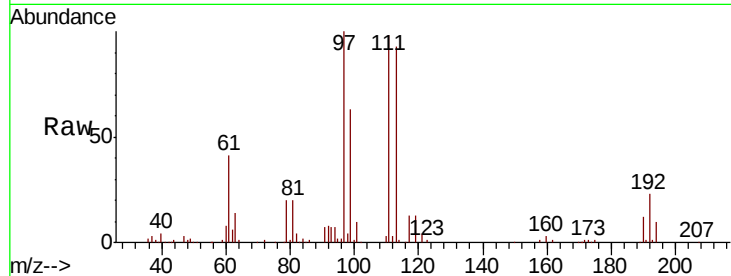
#35
 Dibromofluoromethane
 Concen: 50.909 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	79.4	119.2
192	23.1	18.6	28.0

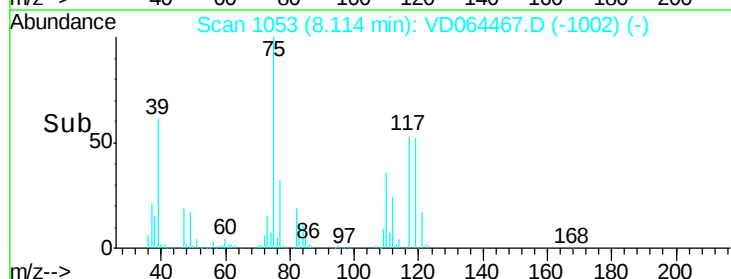
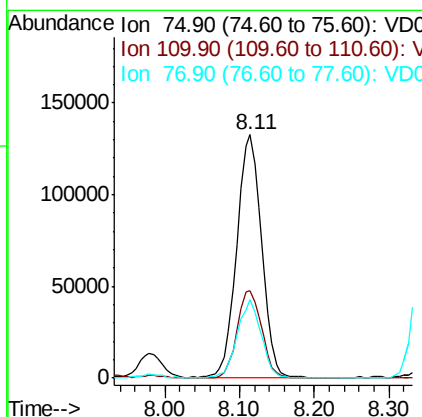
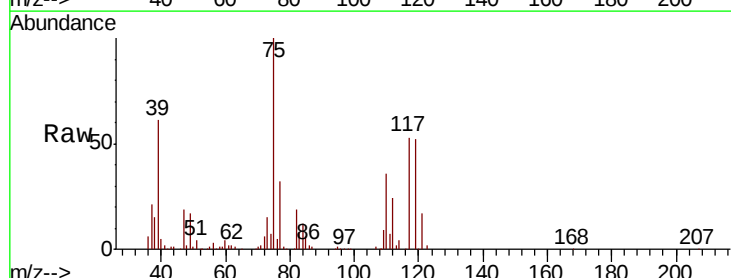
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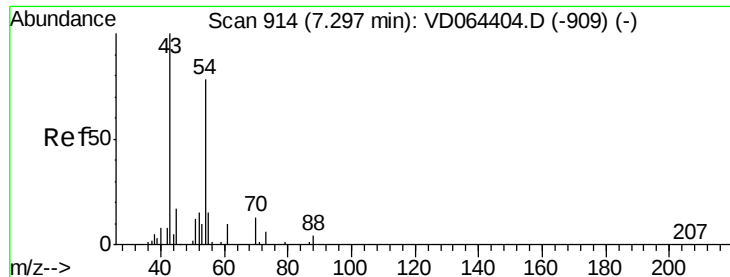
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#36
 1,1-Dichloropropene
 Concen: 48.464 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.6	55.8
77	31.3	25.0	37.4





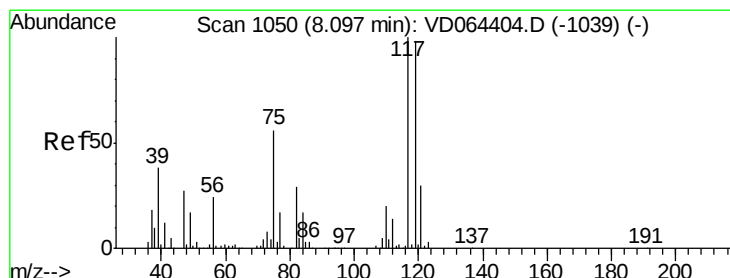
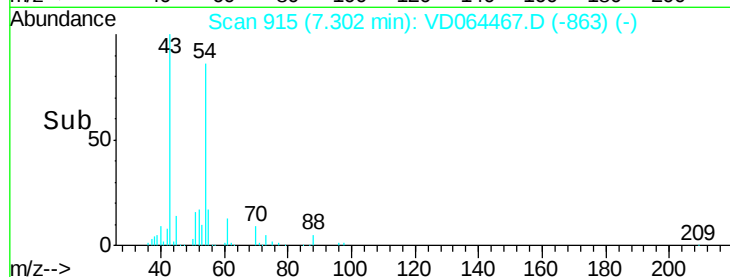
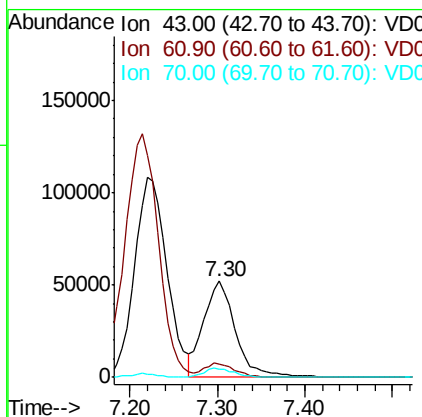
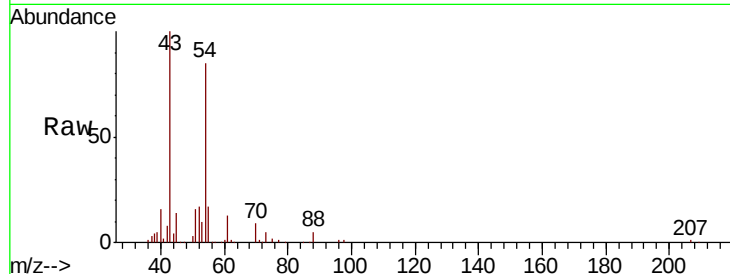
#37
Ethyl Acetate
Concen: 48.795 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	9.6	8.3	12.5

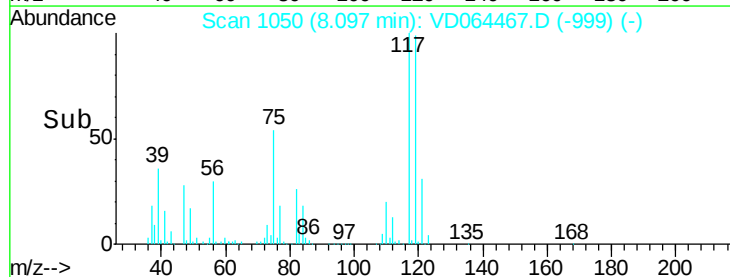
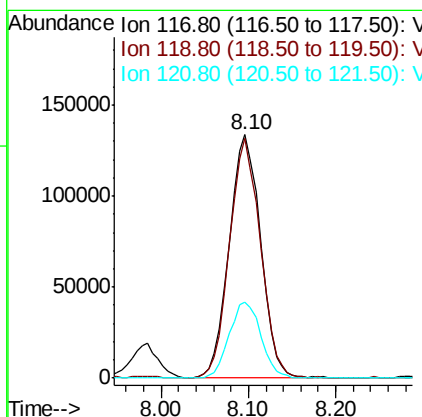
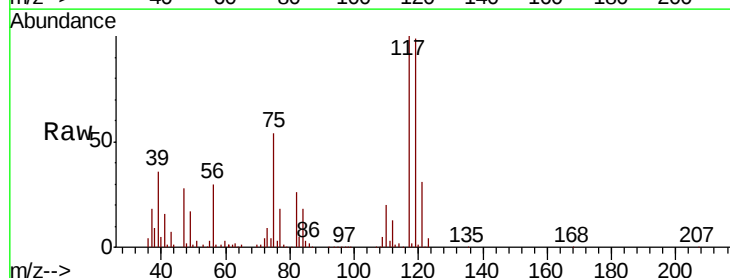
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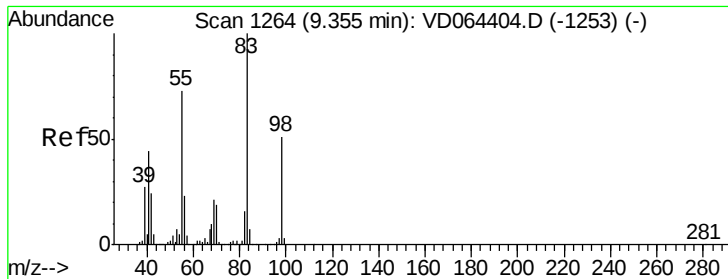
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#38
Carbon Tetrachloride
Concen: 48.780 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	78.8	118.2
121	31.4	24.2	36.2





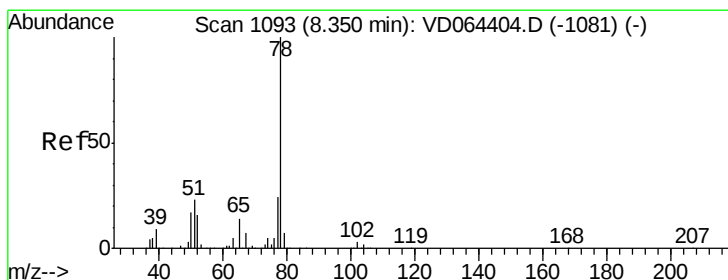
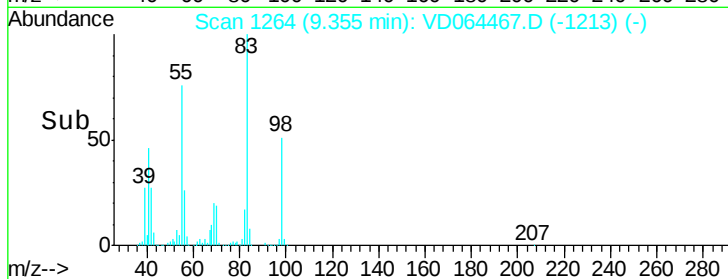
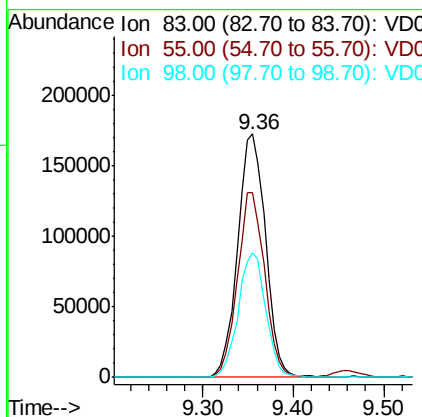
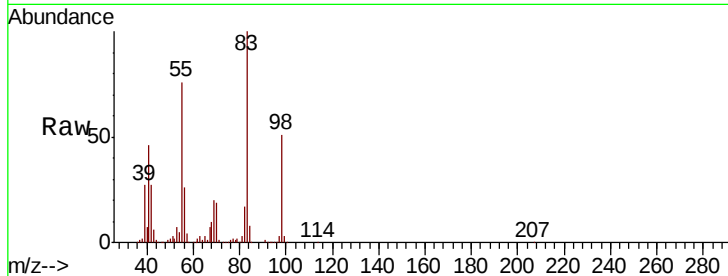
#39
Methvlcvclohexane
Concen: 47.258 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	58.6	87.8
98	51.0	40.9	61.3

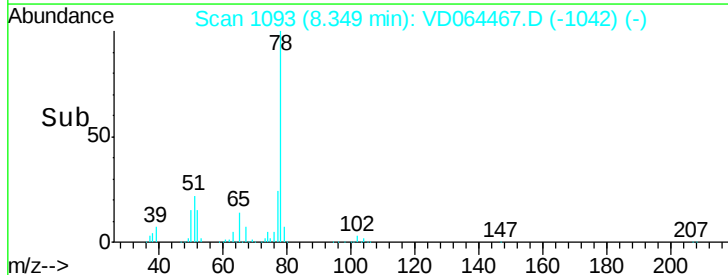
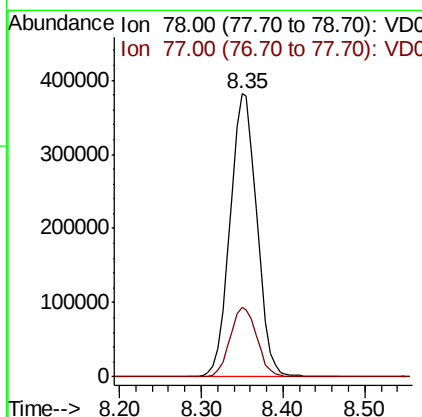
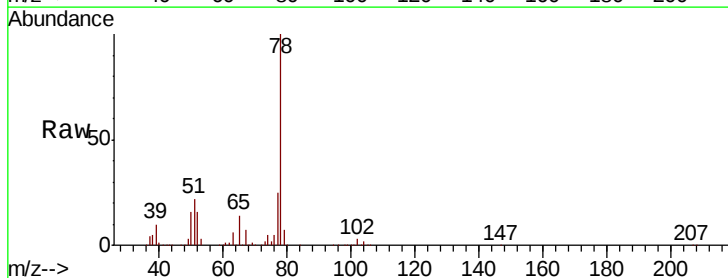
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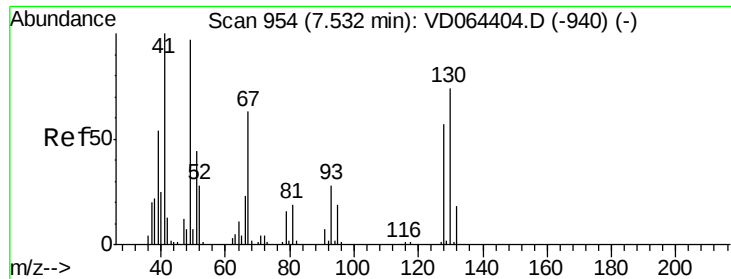
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#40
Benzene
Concen: 49.643 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.6	29.4





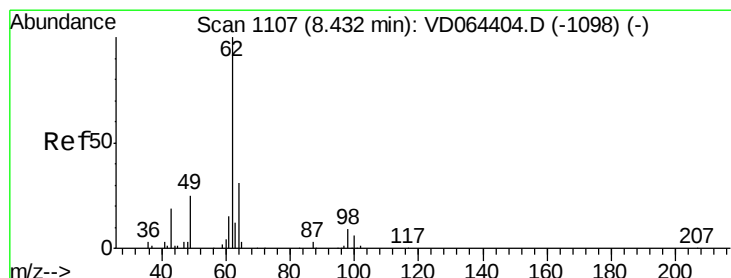
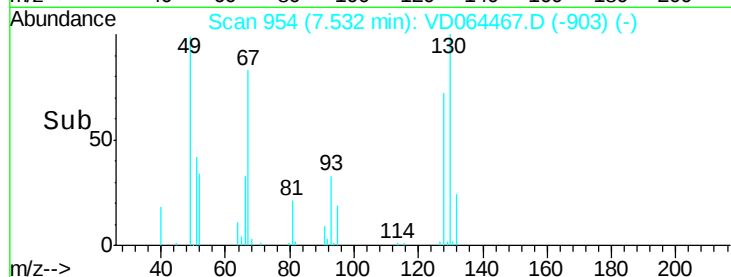
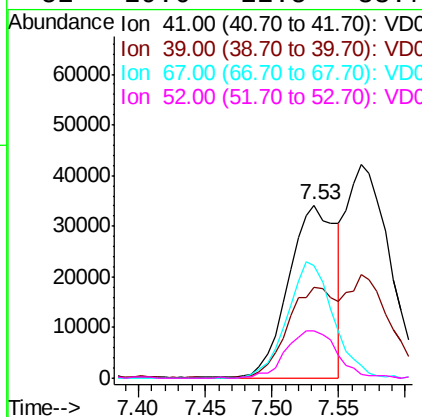
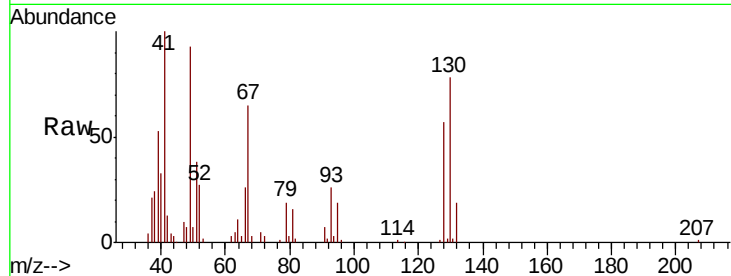
#41
Methacrylonitrile
Concen: 55.318 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	85000
Ion Ratio	Lower	Upper	
41	100		
39	53.6	44.6	67.0
67	64.8	50.9	76.3
52	29.6	22.5	33.7

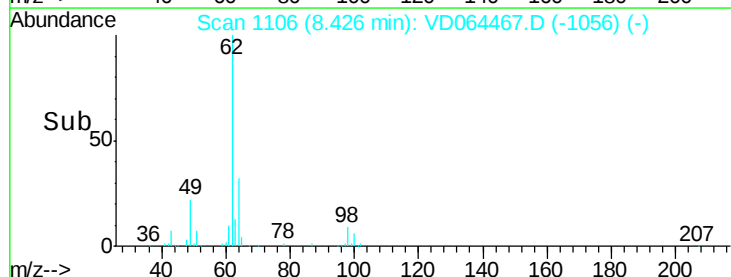
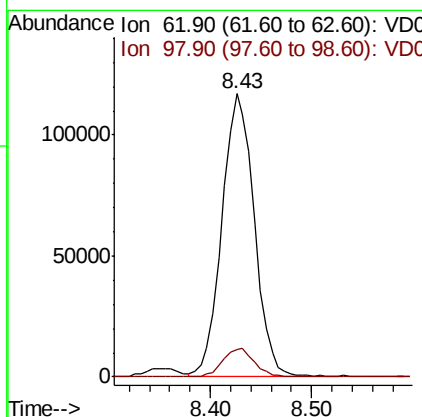
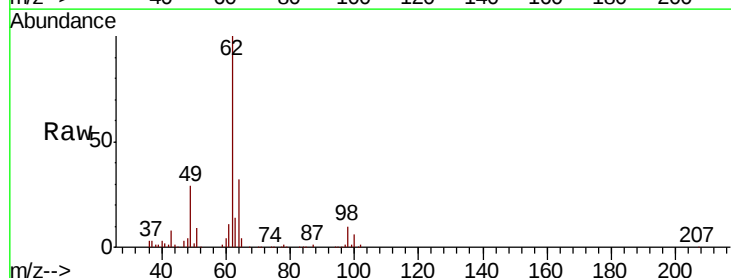
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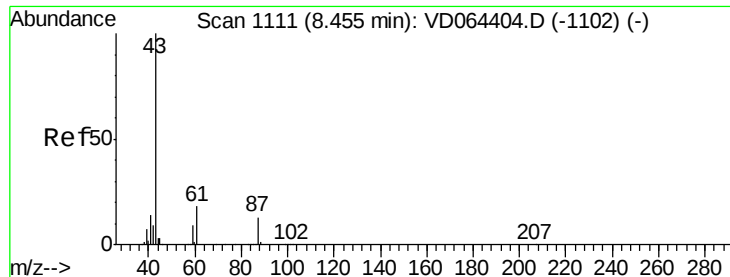
apatel
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#42
1,2-Dichloroethane
Concen: 50.446 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	62	Resp	258011
Ion Ratio	Lower	Upper	
62	100		
98	9.8	0.0	20.6





#43

Isopropyl Acetate

Concen: 48.773 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

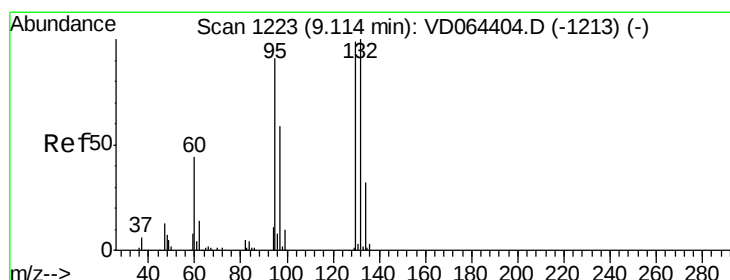
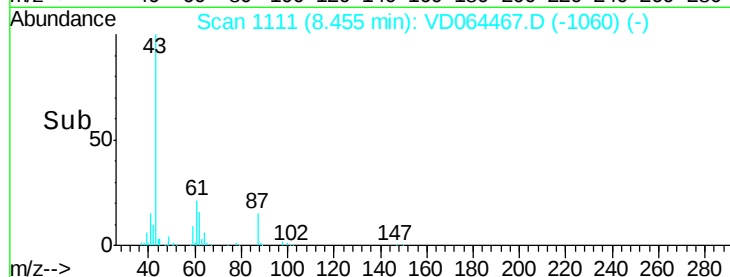
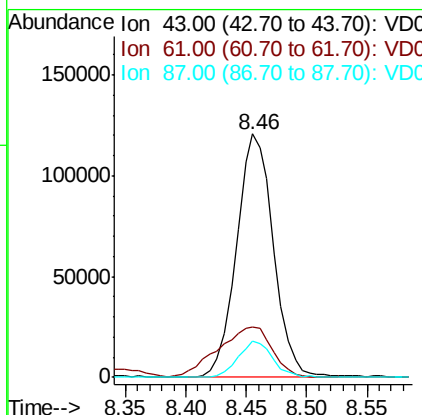
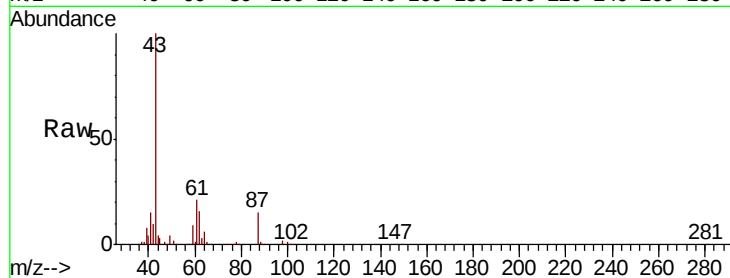
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	256943
Ion	Ratio	Lower	Upper
43	100		
61	30.4	24.0	36.0
87	14.1	10.6	15.8

Manual Integrations
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#44

Trichloroethene

Concen: 48.382 ug/l

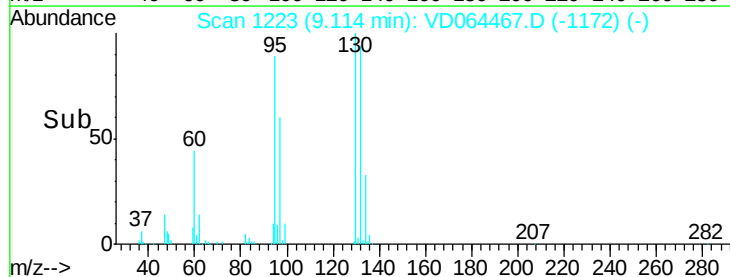
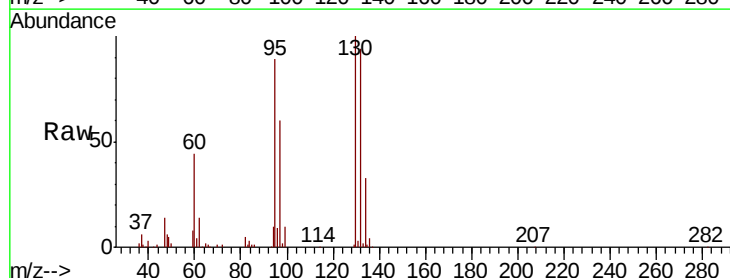
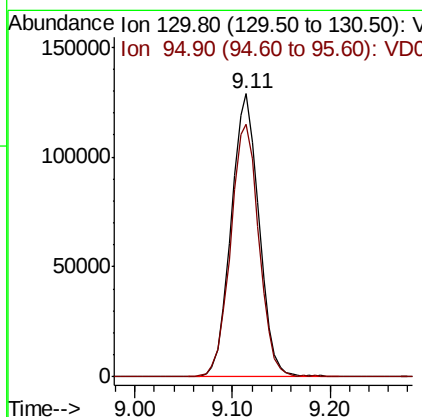
RT: 9.11 min Scan# 1223

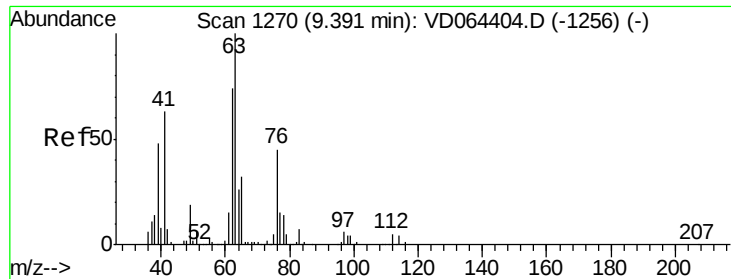
Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Tgt Ion:	130	Resp:	255601
Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	184.6





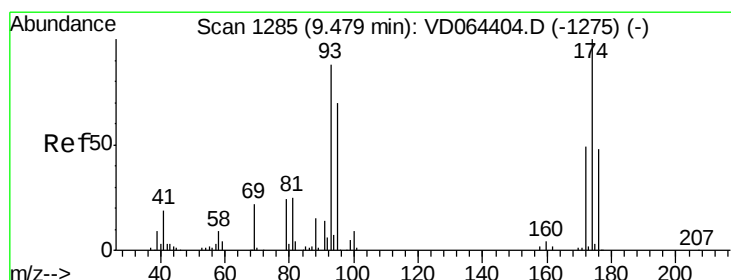
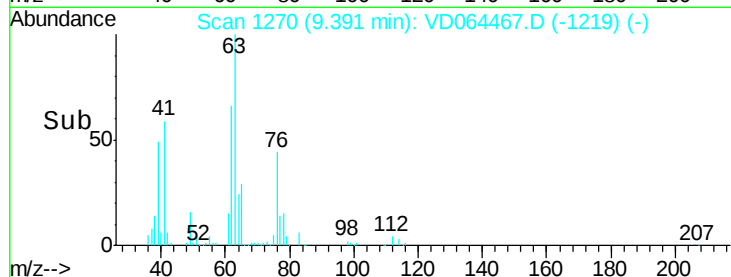
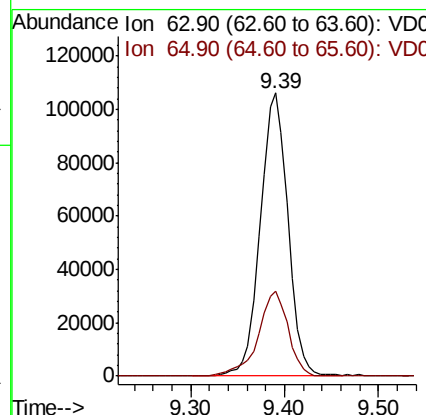
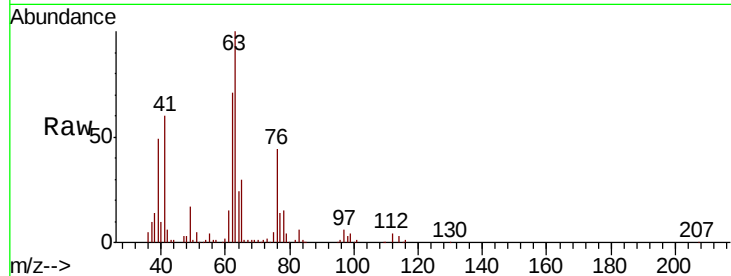
#45
 1,2-Dichloropropane
 Concen: 51.592 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 216395
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.4 38.0

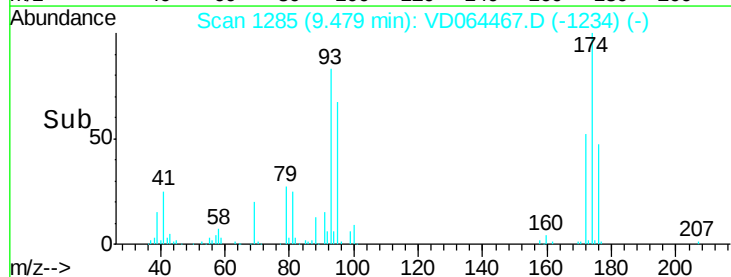
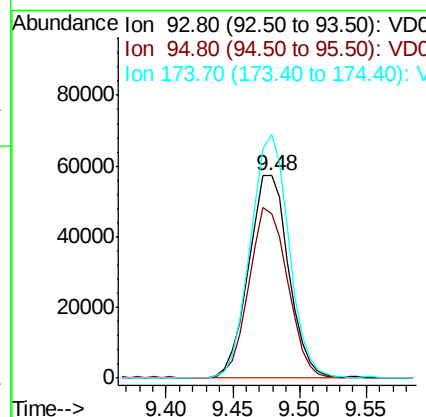
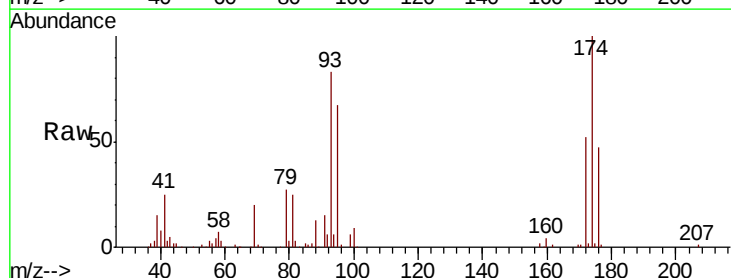
Manual Integrations
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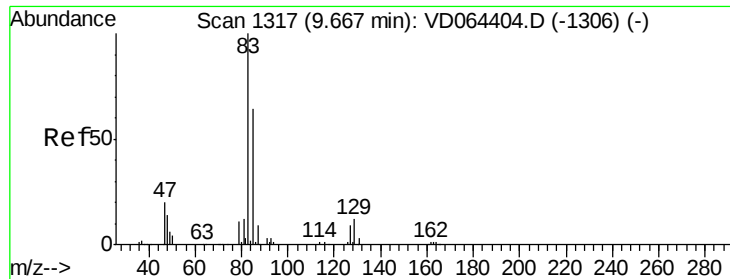
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#46
 Dibromomethane
 Concen: 50.199 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Tgt Ion: 93 Resp: 118835
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.7 100.1
 174 115.9 92.3 138.5





#47

Bromodichloromethane

Concen: 52.116 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

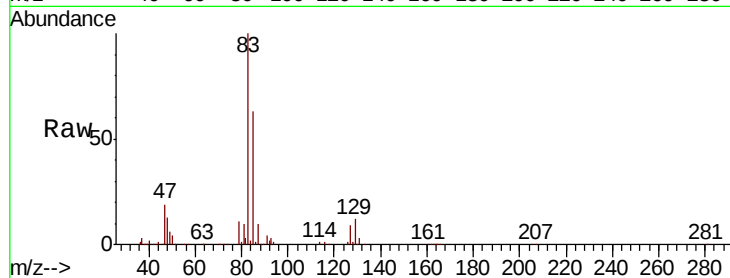
ClientSampleId :

VSTDCCC050EC

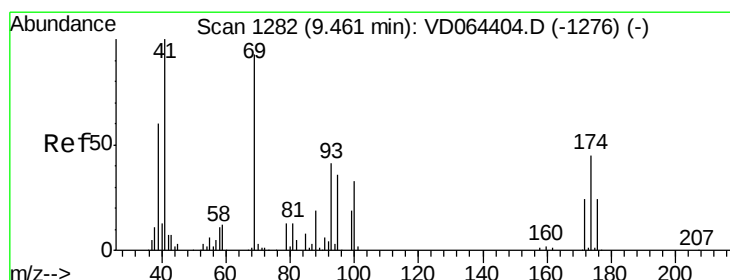
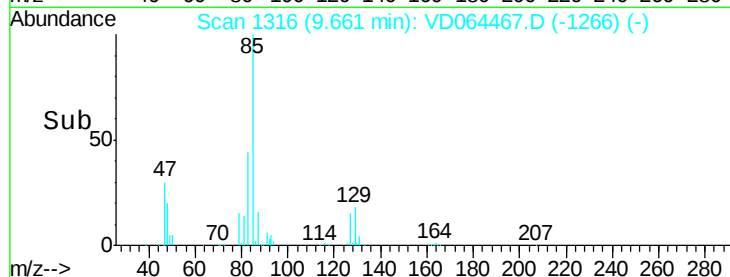
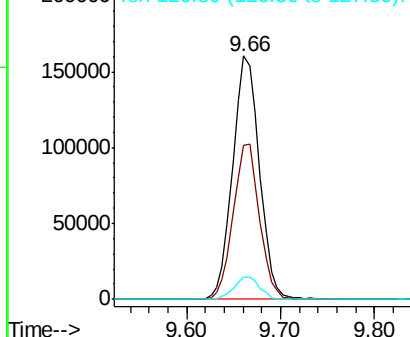
Tot Ion:	83	Resp:	317008
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.1	76.7
127	9.2	7.4	11.0

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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 50.072 ug/l

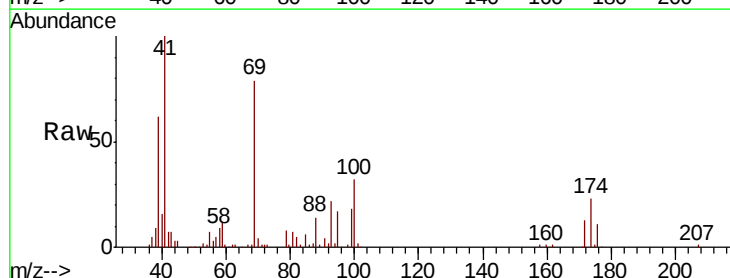
RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

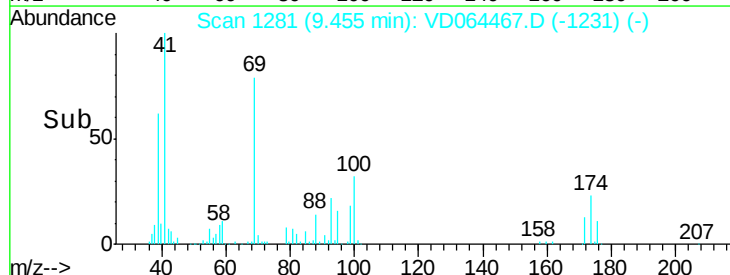
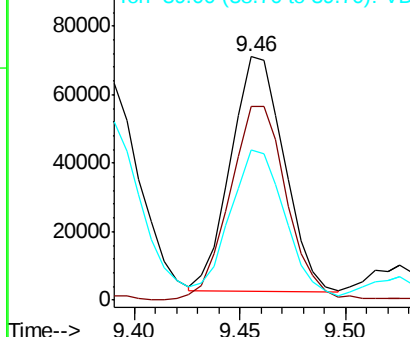
Lab File: VD064467.D

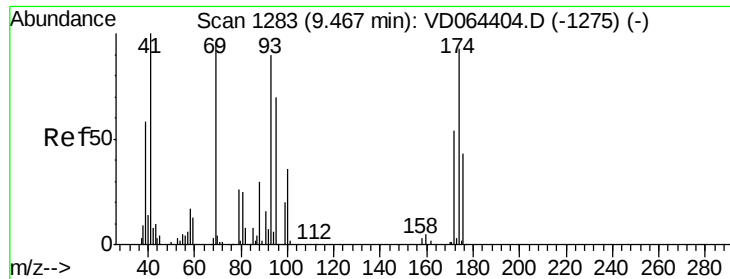
Acq: 06 Dec 2019 19:17

Tgt Ion:	41	Resp:	120707
Ion	Ratio	Lower	Upper
41	100		
69	88.3	72.0	108.0
39	62.8	55.2	82.8



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





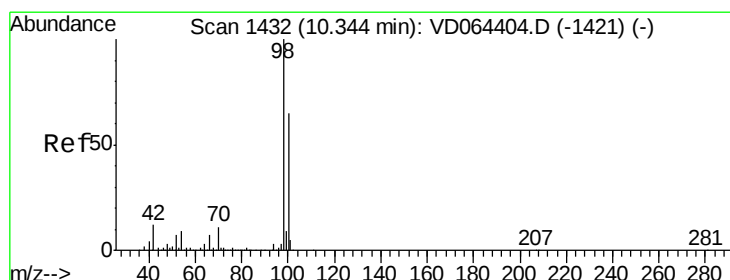
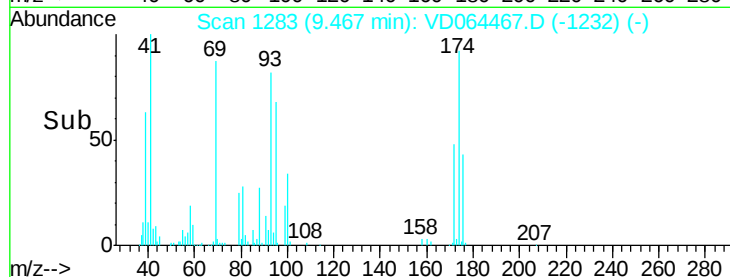
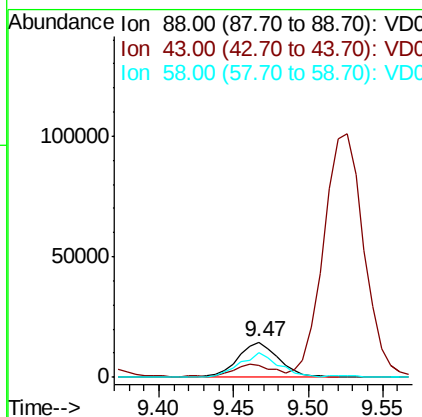
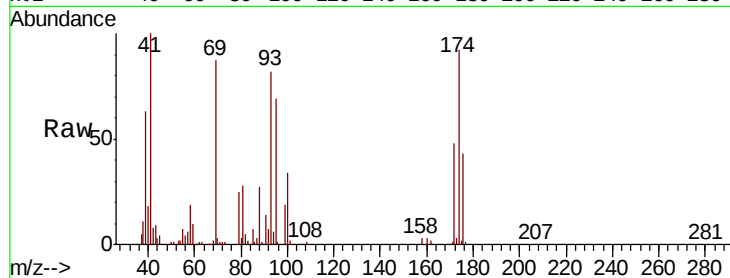
#49
1,4-Dioxane
Concen: 964.022 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.7	40.1
58	65.0	52.3	78.5

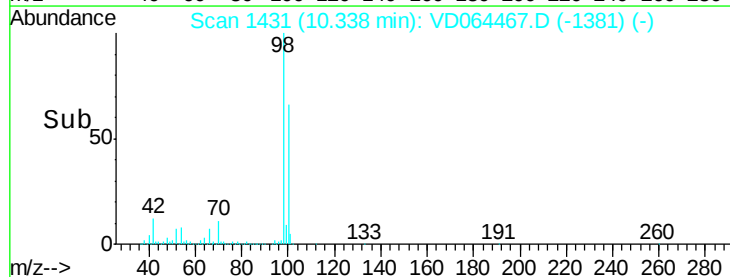
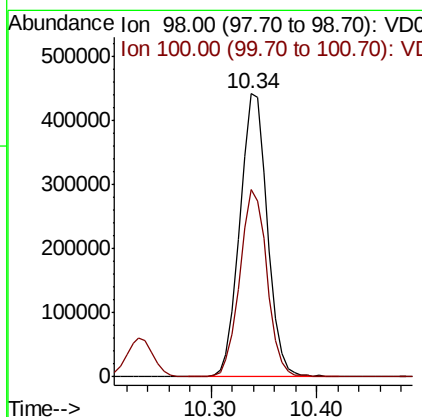
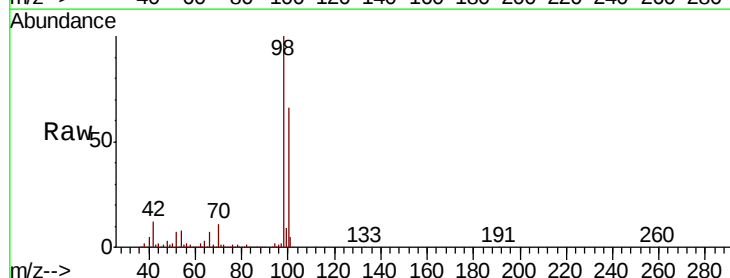
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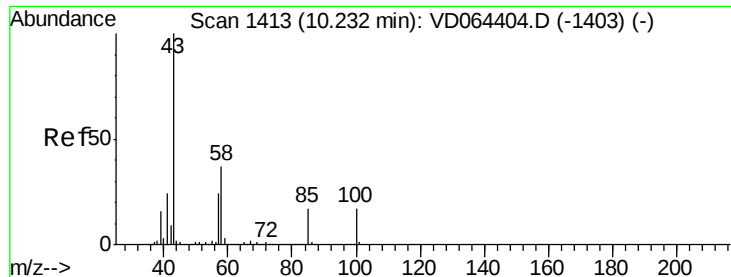
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#50
Toluene-d8
Concen: 50.379 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 248.754 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 648414

Ion Ratio Lower Upper

43 100

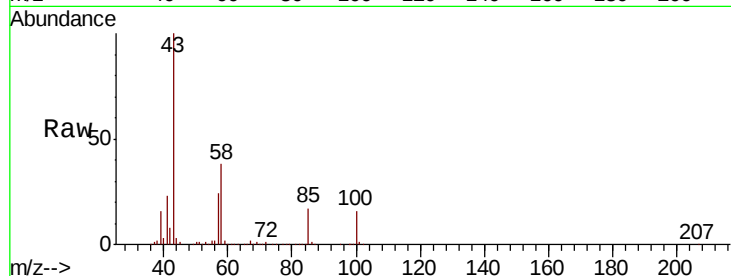
58 38.2 30.6 46.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

400000

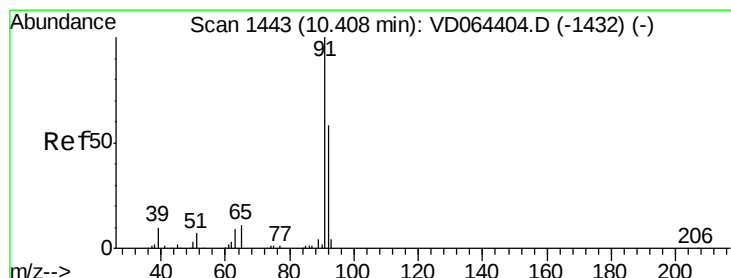
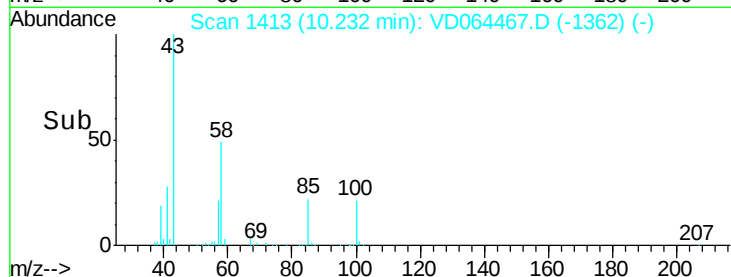
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.760 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD064467.D

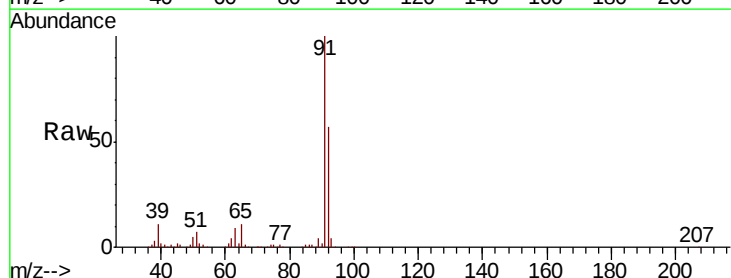
Acq: 06 Dec 2019 19:17

Tgt Ion: 92 Resp: 557308

Ion Ratio Lower Upper

92 100

91 176.2 137.8 206.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

600000

500000

400000

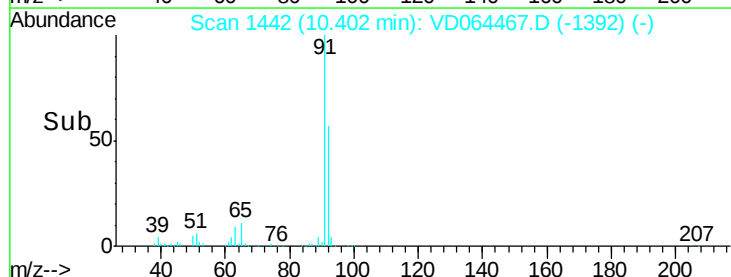
300000

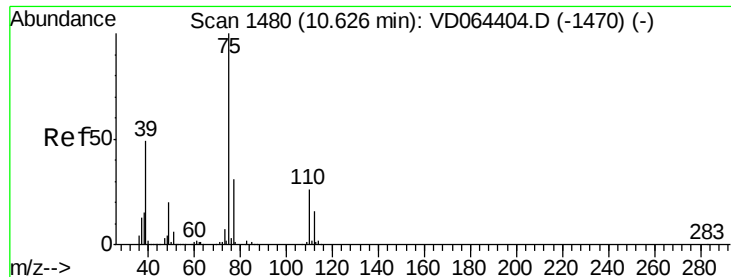
200000

100000

0

Time-->





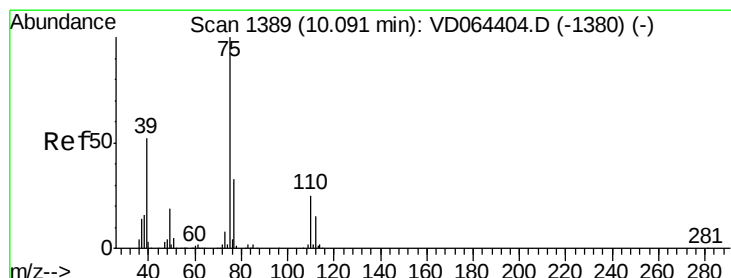
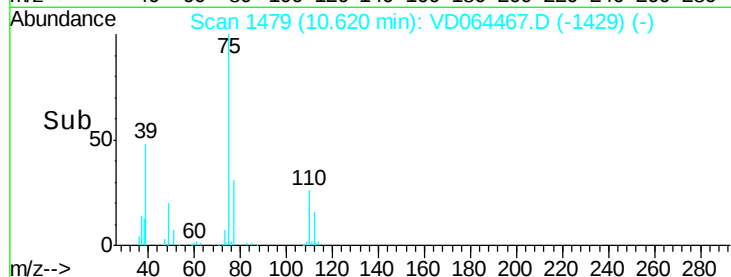
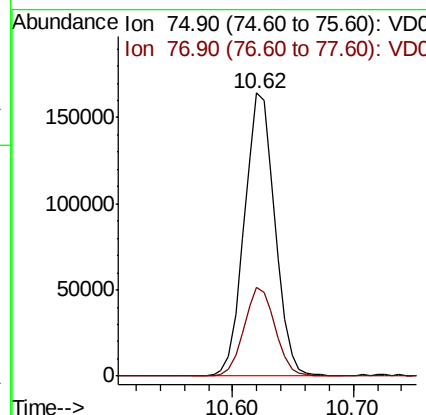
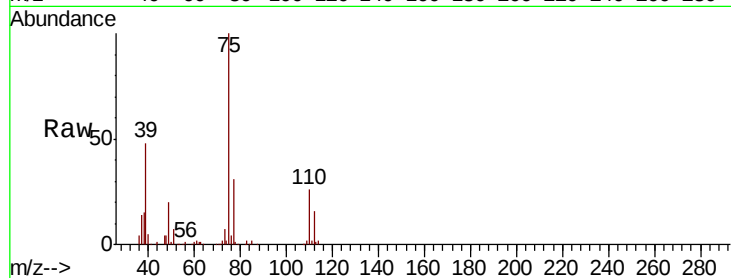
#53
 t-1,3-Dichloropropene
 Concen: 50.214 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.4

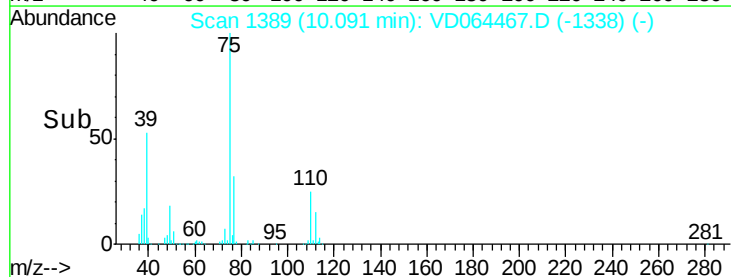
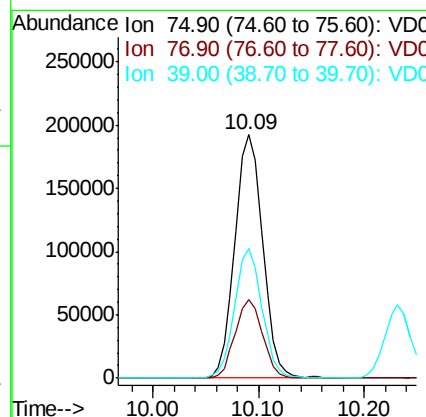
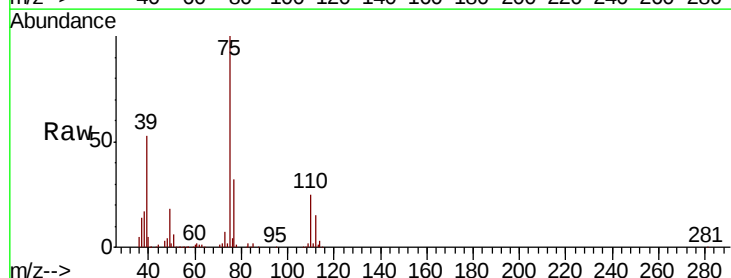
Manual Integrations
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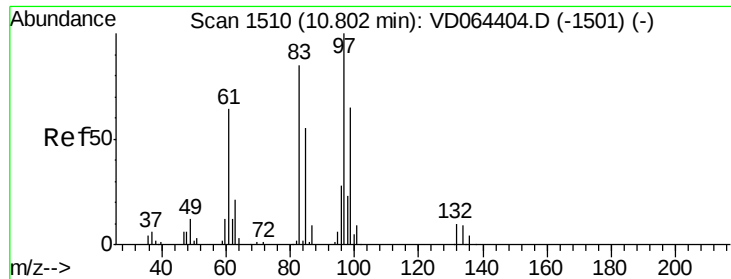
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#54
 cis-1,3-Dichloropropene
 Concen: 50.967 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.1	39.1
39	53.2	41.5	62.3





#55

1,1,2-Trichloroethane

Concen: 49.374 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 160045

Ion Ratio Lower Upper

97 100

83 81.5 67.8 101.8

85 52.7 43.7 65.5

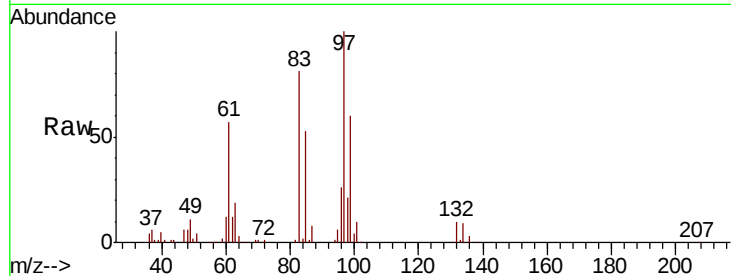
99 59.9 51.7 77.5

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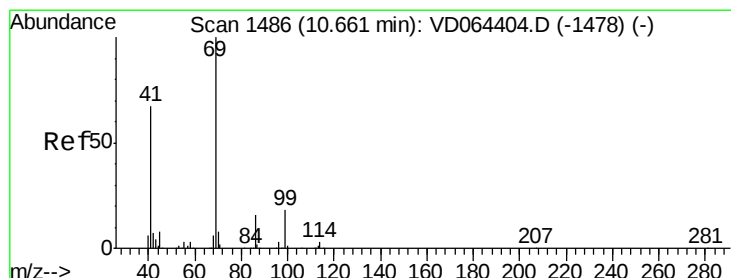
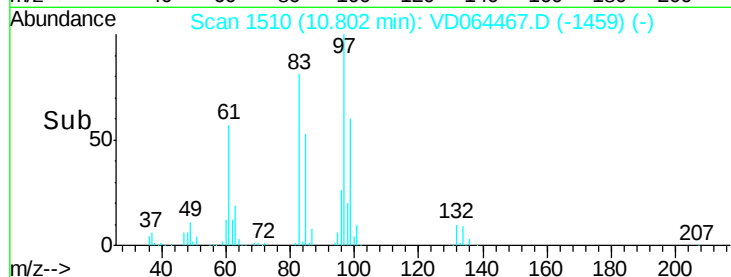
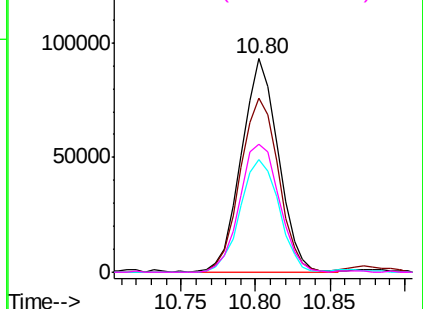


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 50.386 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

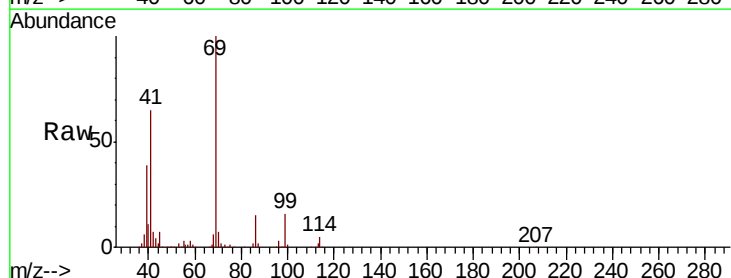
Tgt Ion: 69 Resp: 208313

Ion Ratio Lower Upper

69 100

41 67.5 55.0 82.4

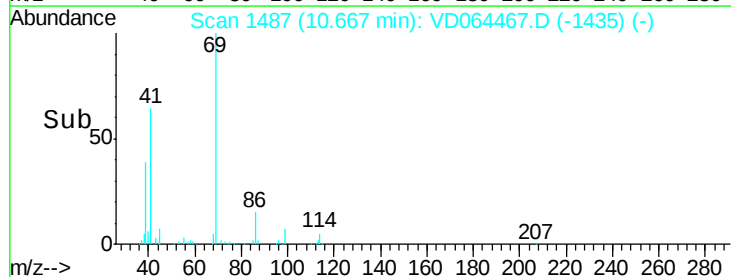
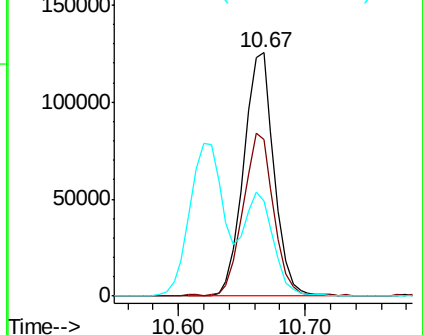
39 41.2 33.0 49.6

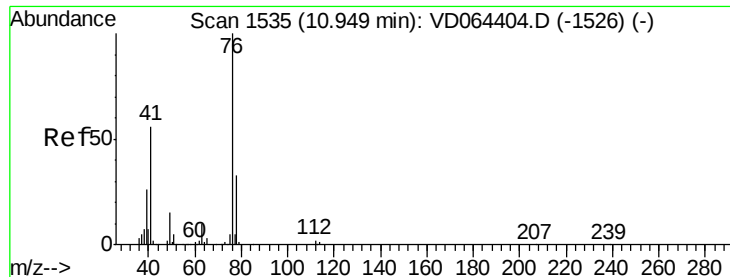


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





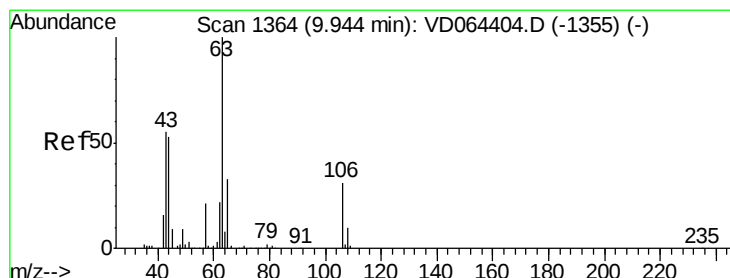
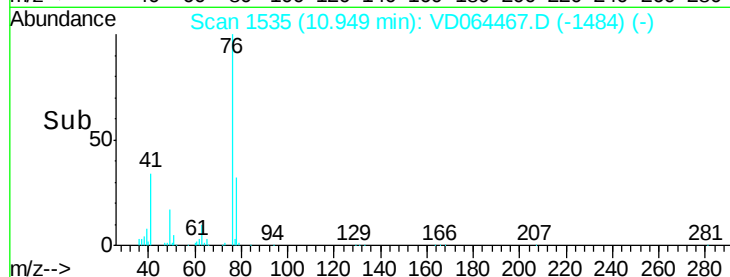
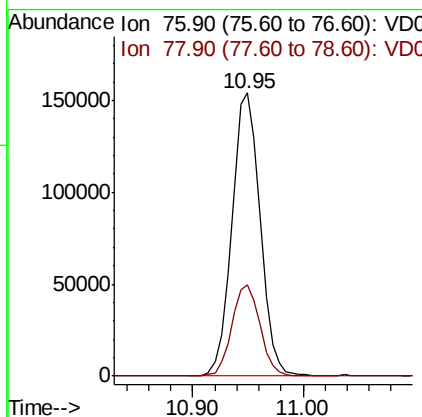
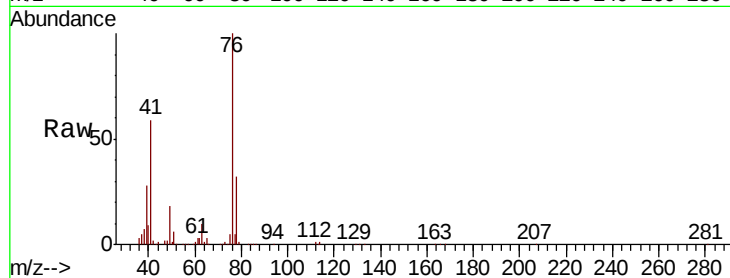
#57
 1,3-Dichloropropane
 Concen: 50.080 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 276336
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0

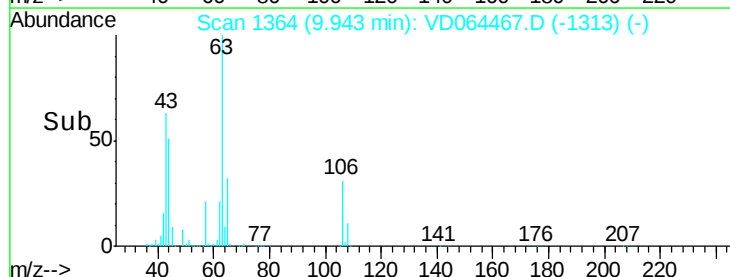
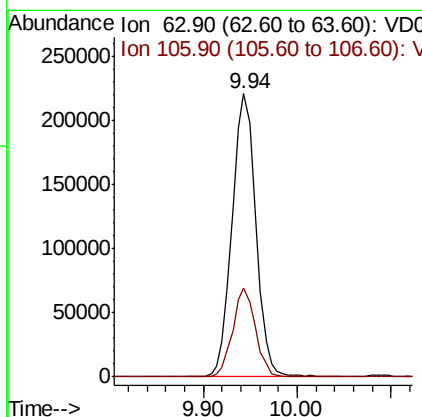
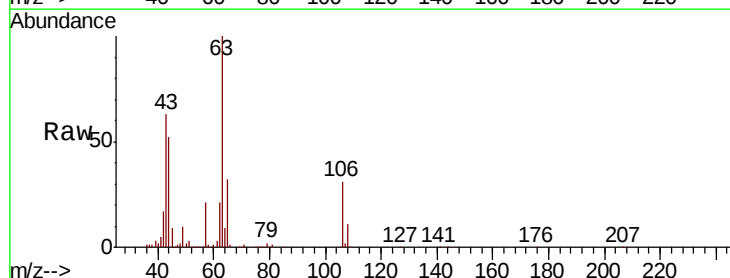
Manual Integrations
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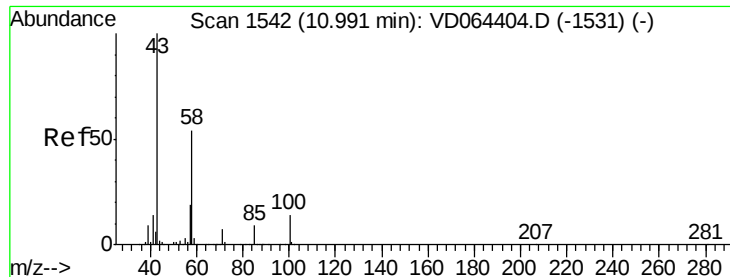
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 236.205 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Tgt Ion: 63 Resp: 389293
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.2 36.4





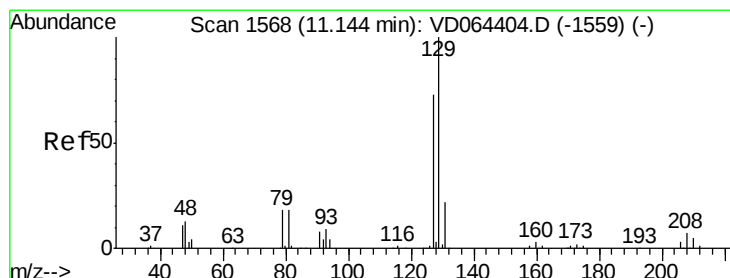
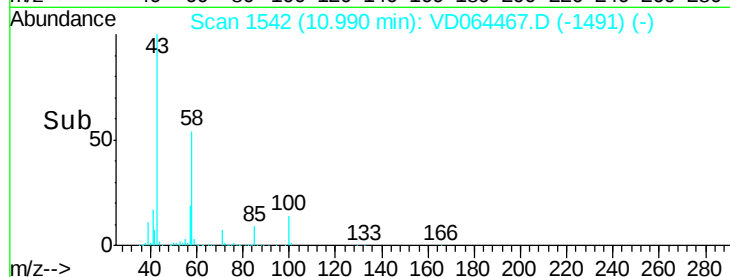
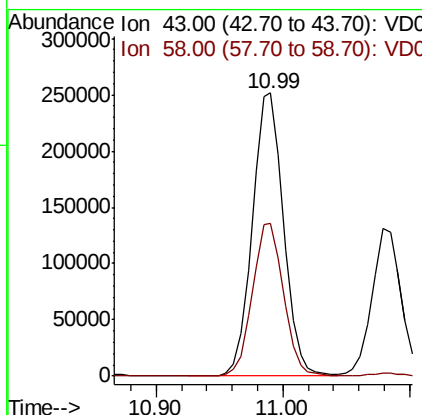
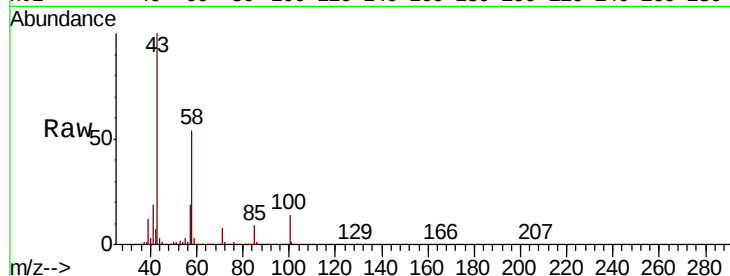
#59
2-Hexanone
Concen: 238.578 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	26.3	78.8

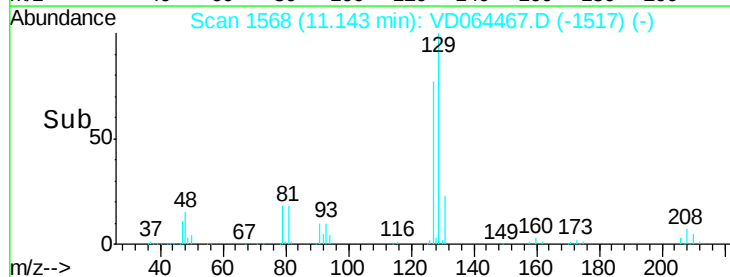
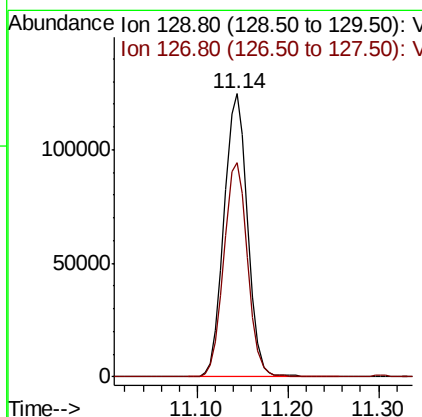
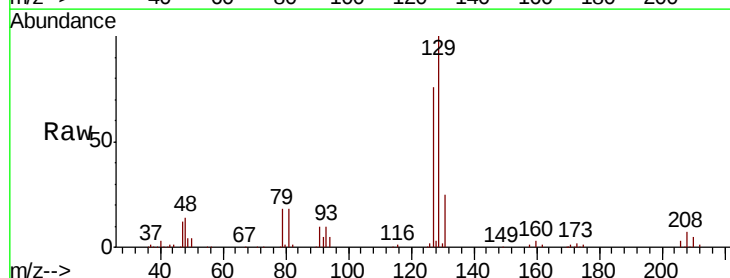
Manual Integrations
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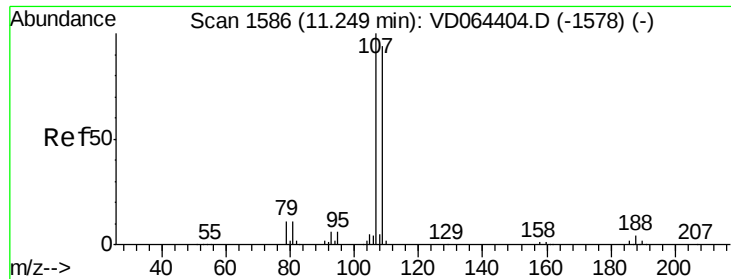
apatel
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#60
Dibromochloromethane
Concen: 50.979 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.1	114.3





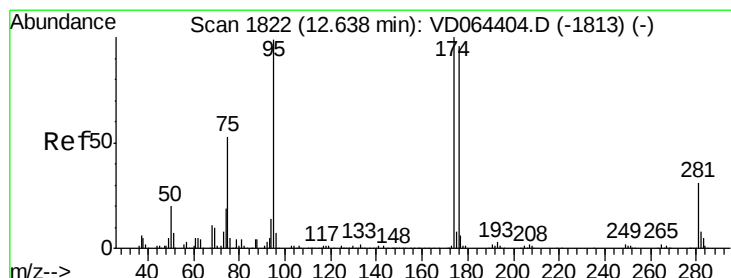
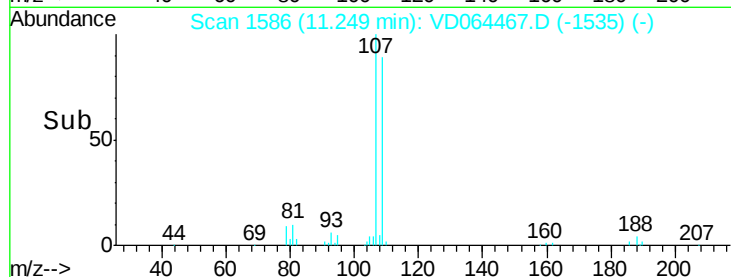
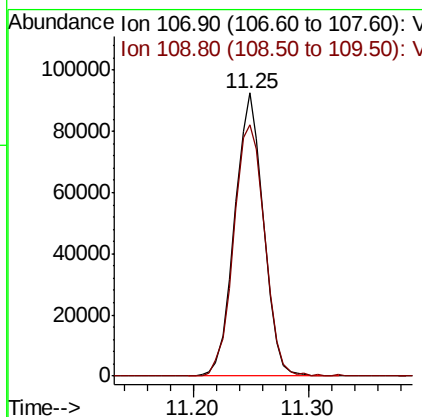
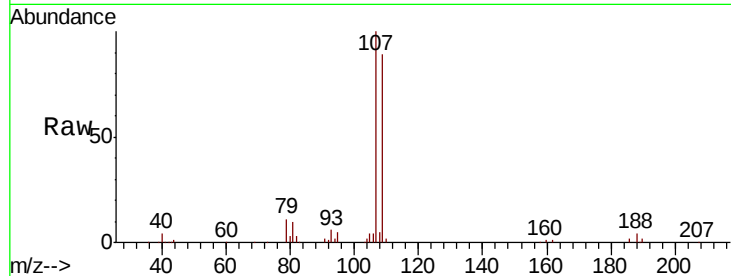
#61
 1,2-Dibromoethane
 Concen: 49.339 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.2	114.2

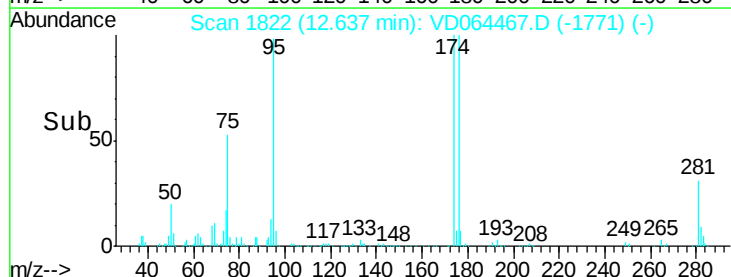
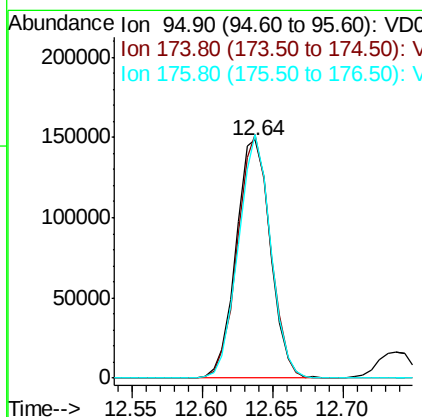
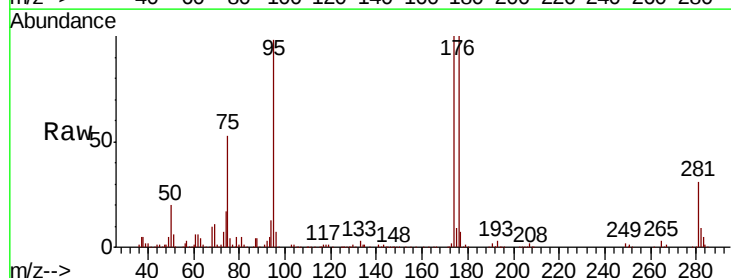
Manual Integrations
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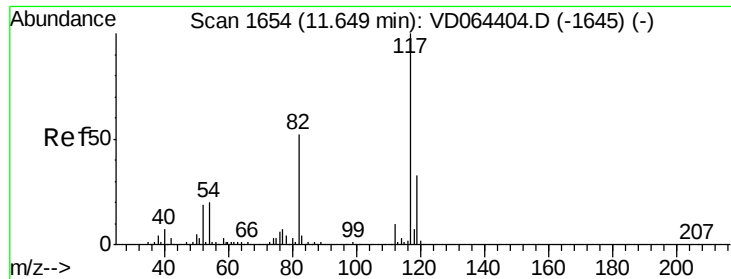
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#62
 4-Bromofluorobenzene
 Concen: 49.656 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	197.2
176	95.9	0.0	189.6





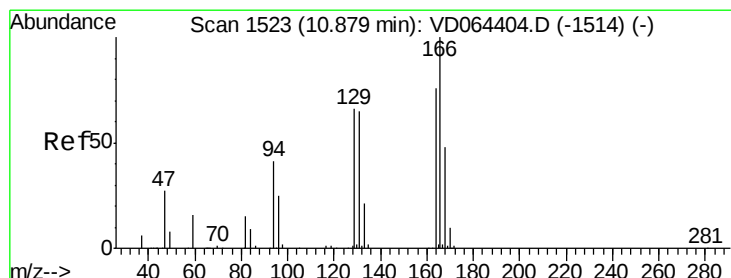
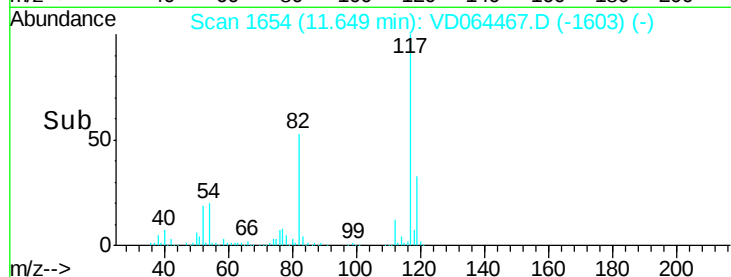
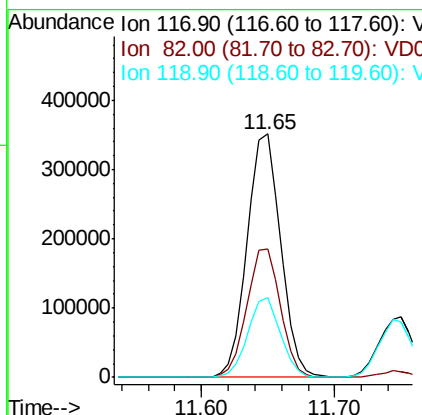
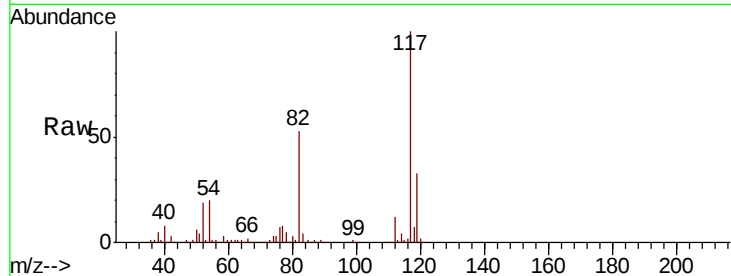
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	610016		
82	52.5		41.4	62.2
119	32.7		26.2	39.2

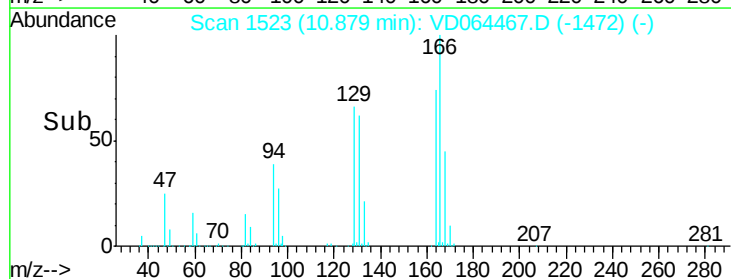
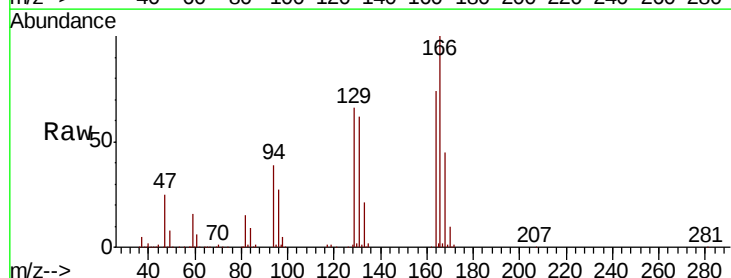
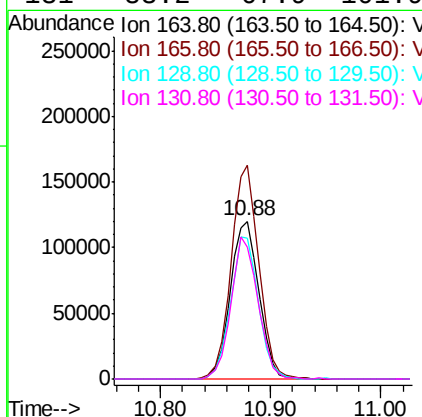
Manual Integrations
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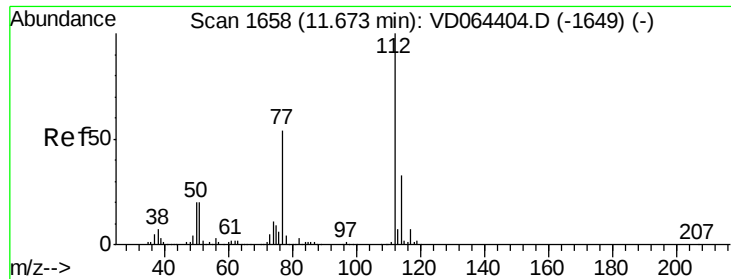
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#64
Tetrachloroethene
Concen: 47.038 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	218812		
166	135.1		104.8	157.2
129	89.1		68.7	103.1
131	83.2		67.9	101.9





#65

Chlorobenzene

Concen: 48.276 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 614216

Ion Ratio Lower Upper

112 100

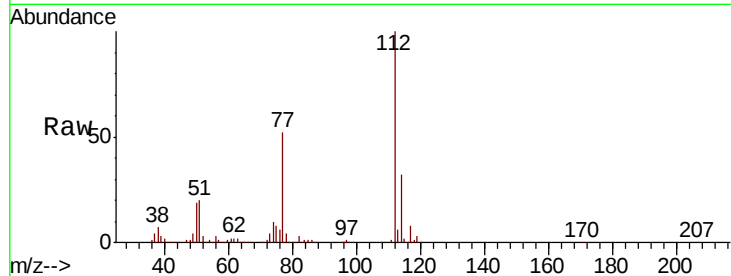
114 31.6 26.5 39.7

Manual Integrations

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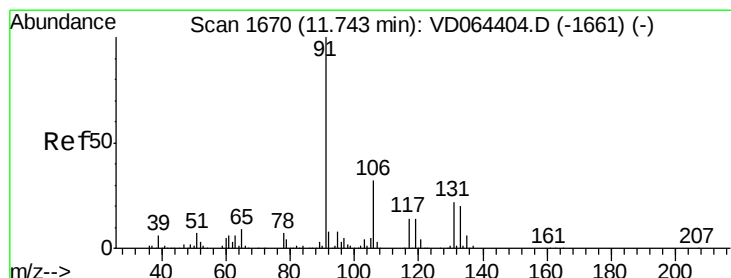
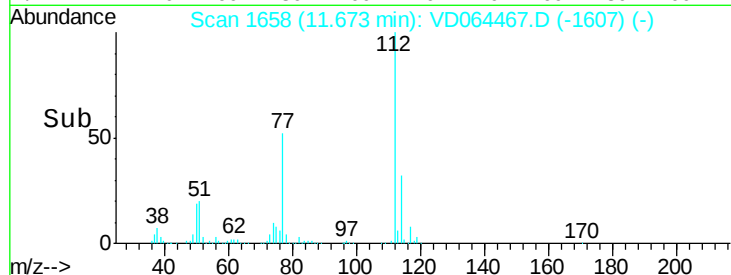
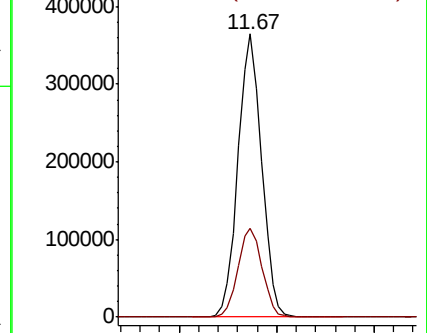
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.089 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

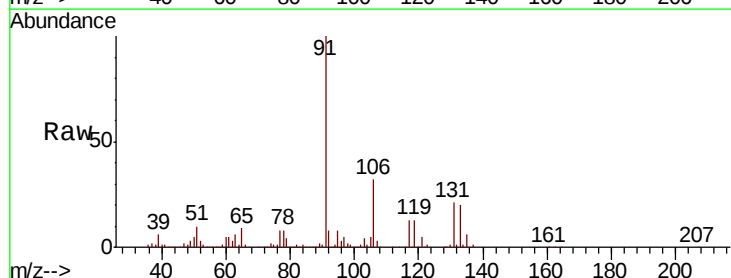
Tgt Ion:131 Resp: 235913

Ion Ratio Lower Upper

131 100

133 95.1 48.3 144.9

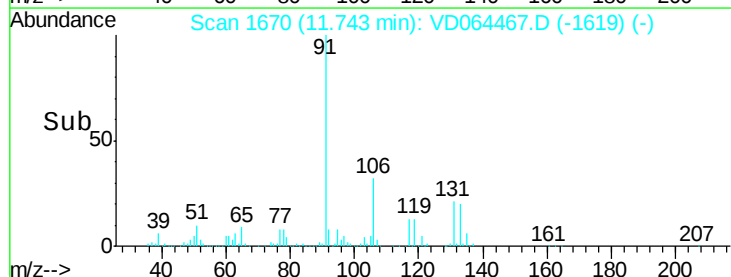
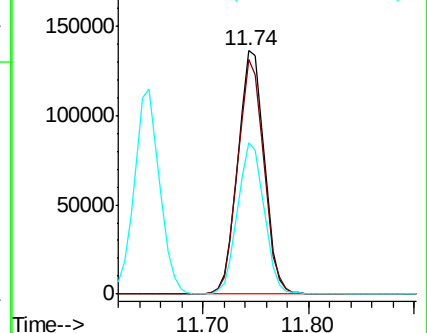
119 62.2 31.9 95.9

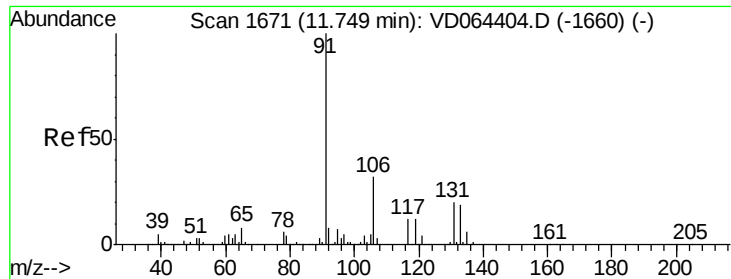


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





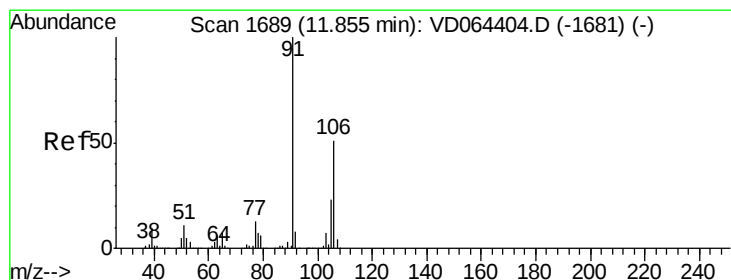
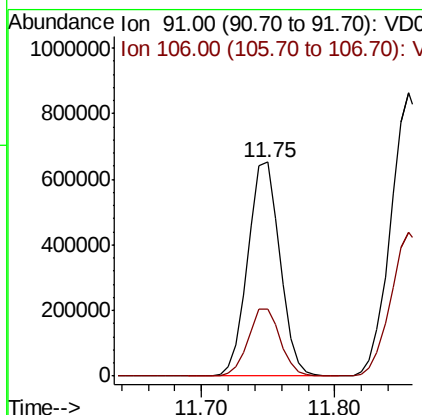
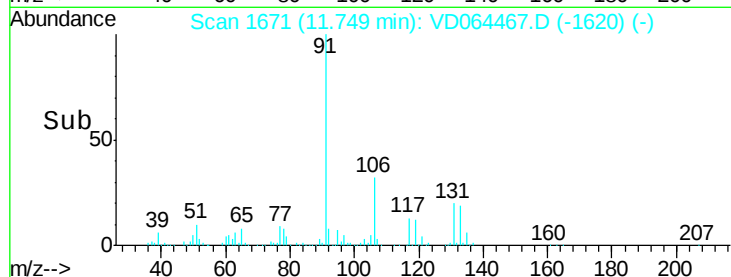
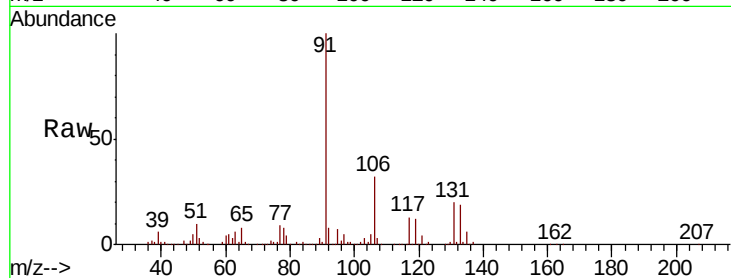
#67
Ethyl Benzene
Concen: 47.805 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1082171
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8

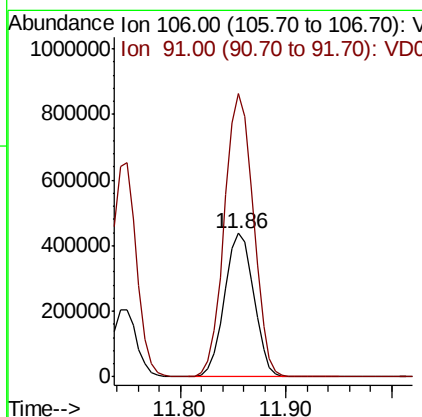
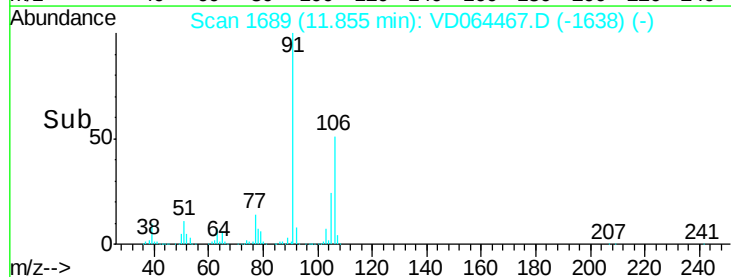
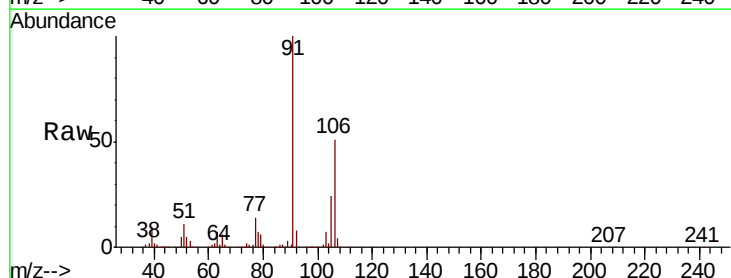
Manual Integrations
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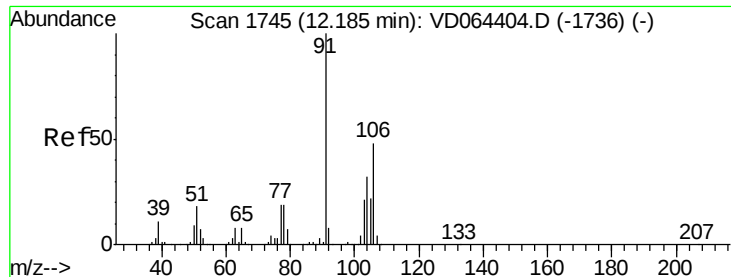
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#68
m/p-Xylenes
Concen: 97.493 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion: 106 Resp: 841492
Ion Ratio Lower Upper
106 100
91 195.7 157.4 236.2





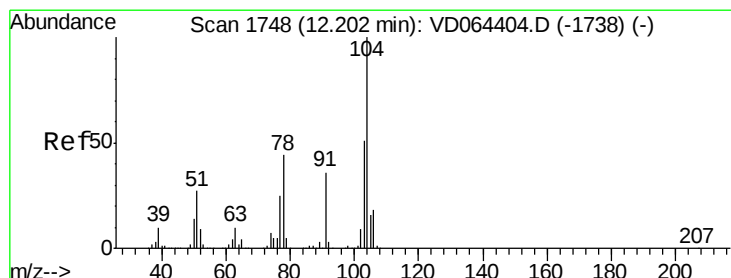
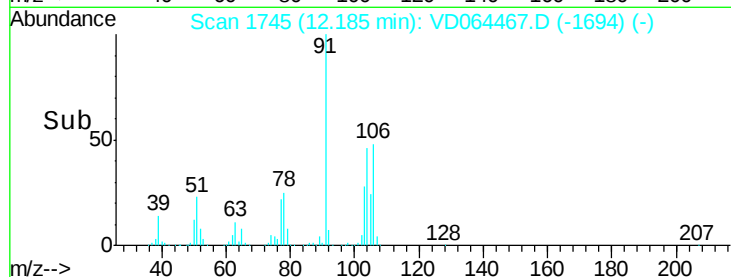
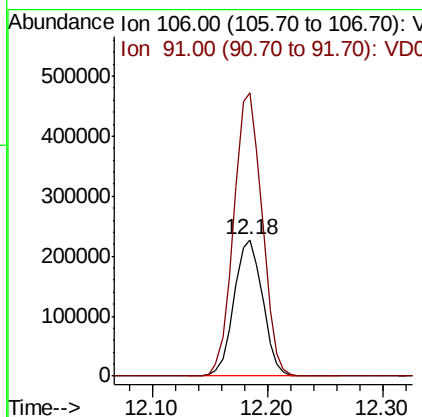
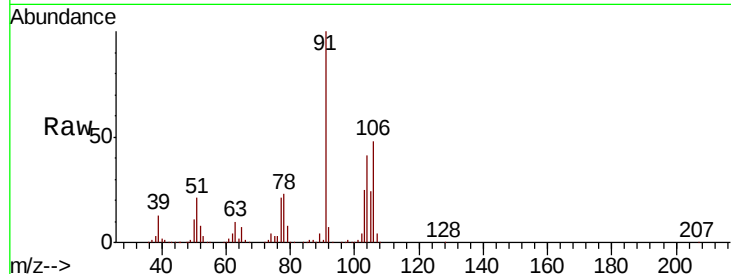
#69
o-Xylene
Concen: 48.808 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion:106 Resp: 389072
Ion Ratio Lower Upper
106 100
91 206.6 103.8 311.4

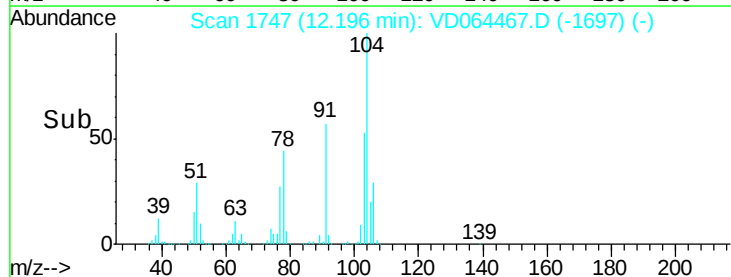
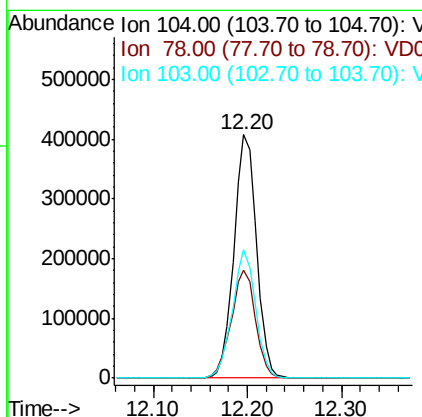
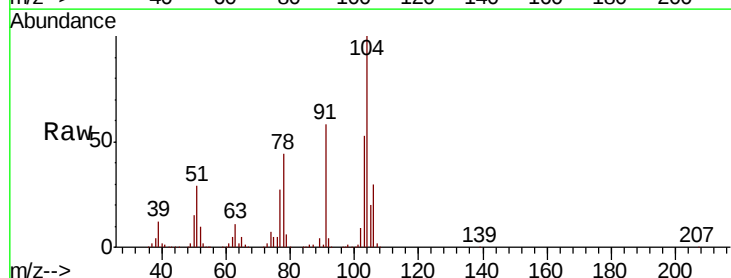
Manual Integrations
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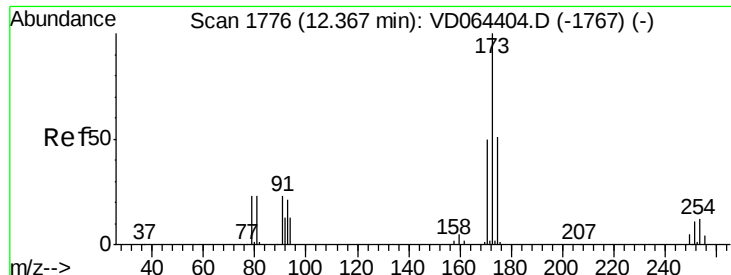
apatel
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#70
Styrene
Concen: 49.062 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion:104 Resp: 679636
Ion Ratio Lower Upper
104 100
78 47.9 38.8 58.2
103 54.4 44.2 66.4





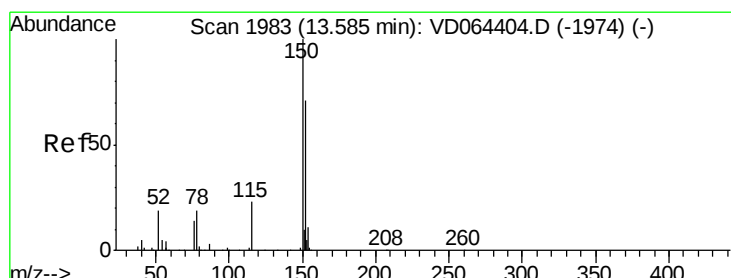
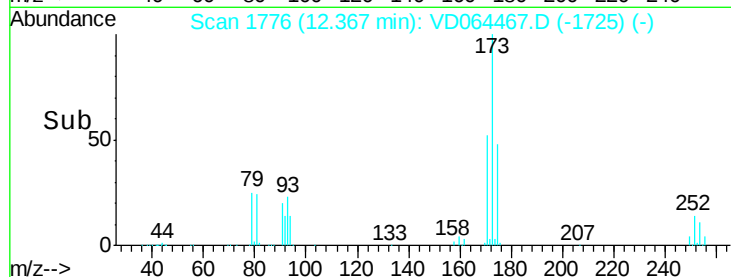
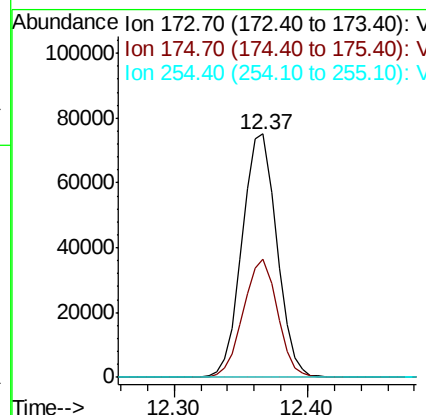
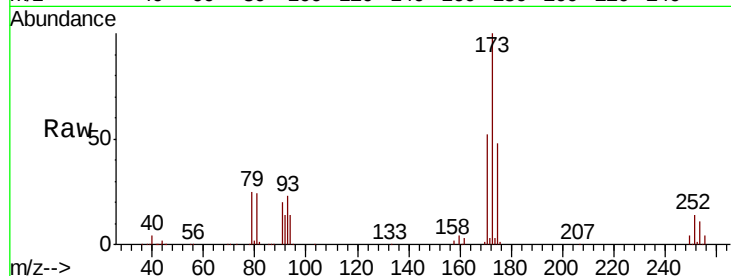
#71
Bromoform
Concen: 47.997 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	25.3	75.8
254	0.1	0.0	0.0

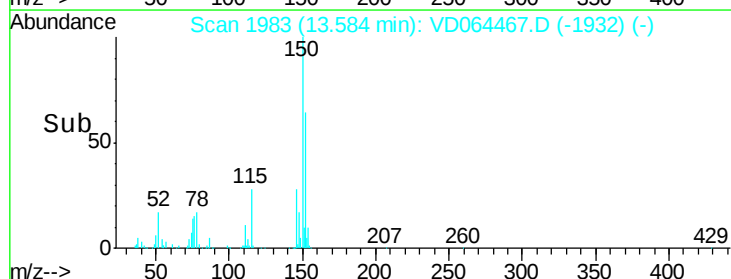
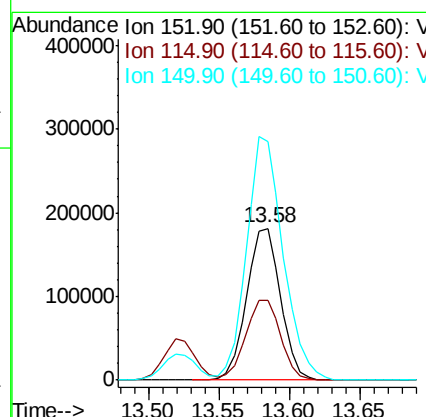
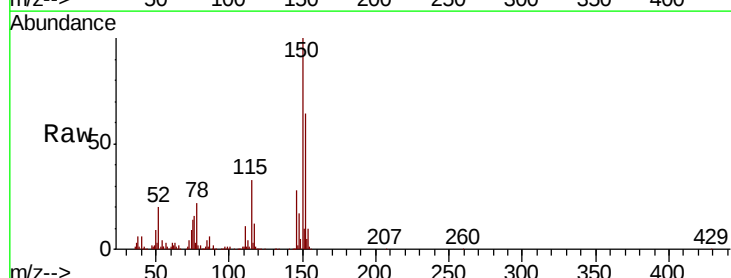
Manual Integrations
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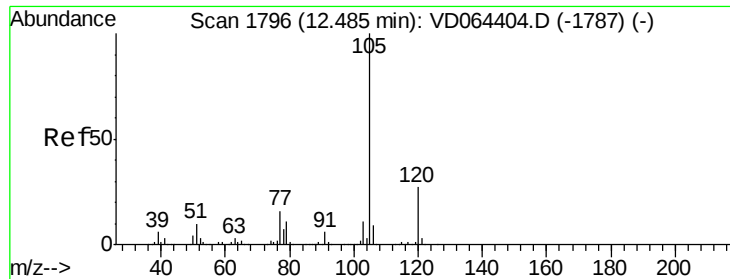
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.7	80.1
150	173.2	0.0	347.2





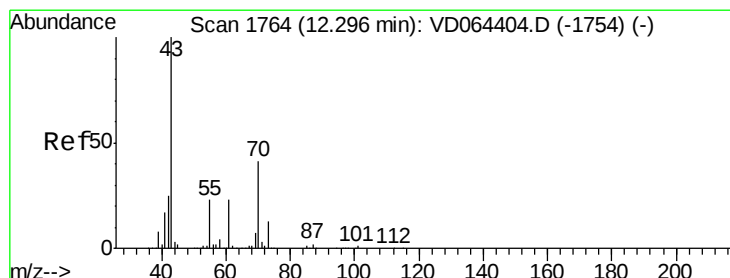
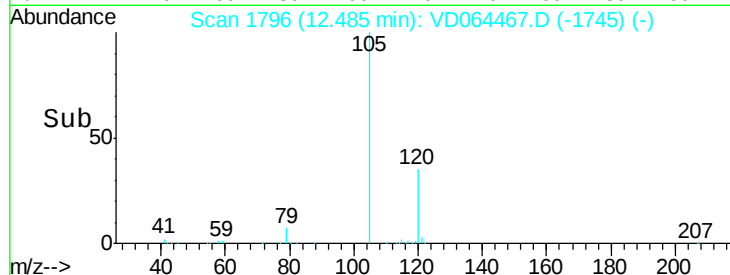
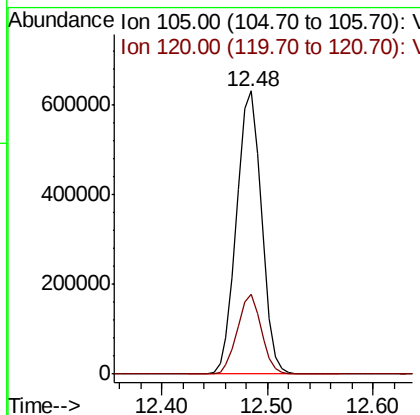
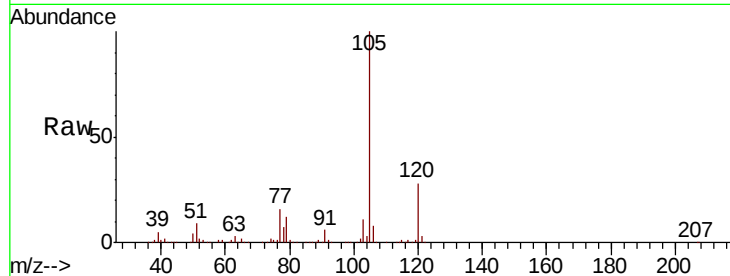
#73
Isopropylbenzene
Concen: 47.003 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion: 105 Resp: 1032294
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

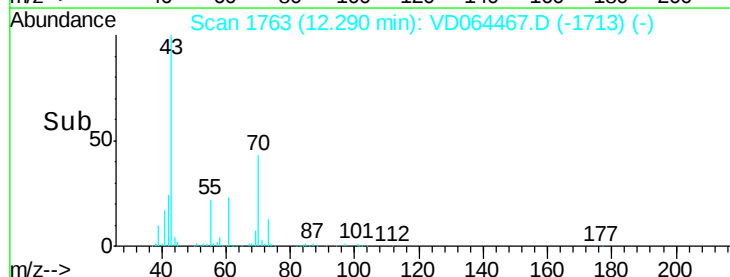
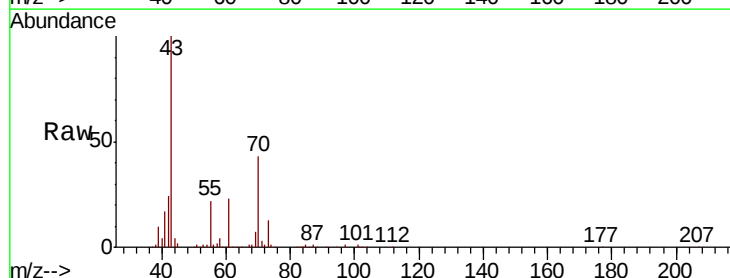
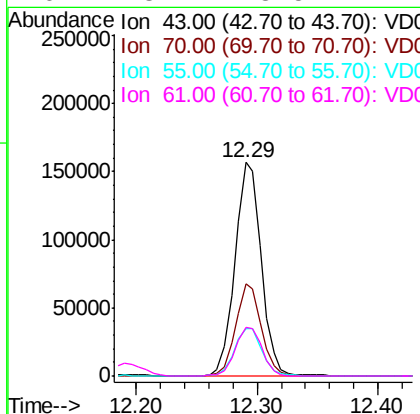
Manual Integrations
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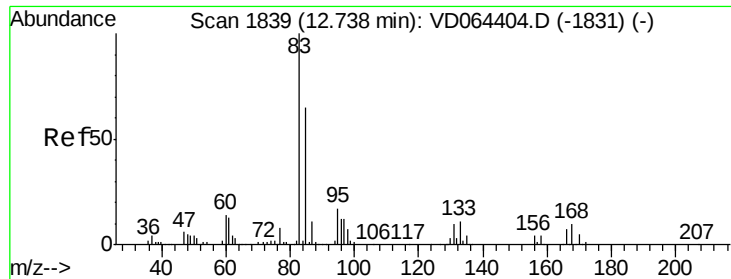
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#74
N-ethyl acetate
Concen: 47.790 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion: 43 Resp: 238216
Ion Ratio Lower Upper
43 100
70 42.2 33.4 50.2
55 23.3 18.9 28.3
61 23.4 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.323 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 168239

Ion Ratio Lower Upper

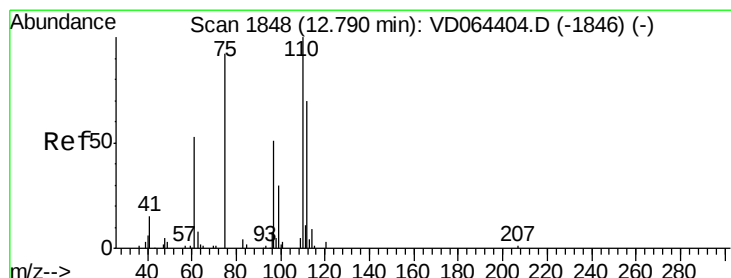
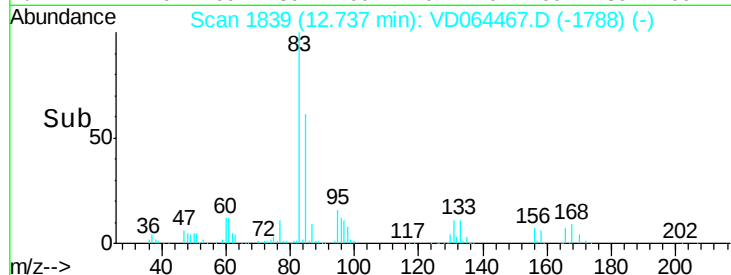
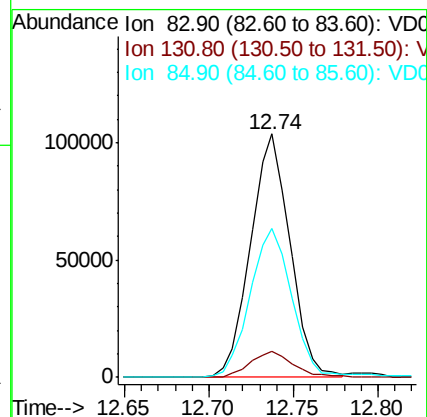
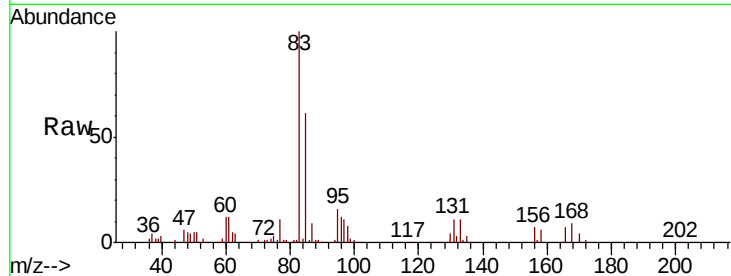
83 100

131 11.7 5.7 17.0

85 65.5 31.3 93.9

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#76

1,2,3-Trichloropropane

Concen: 51.252 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD064467.D

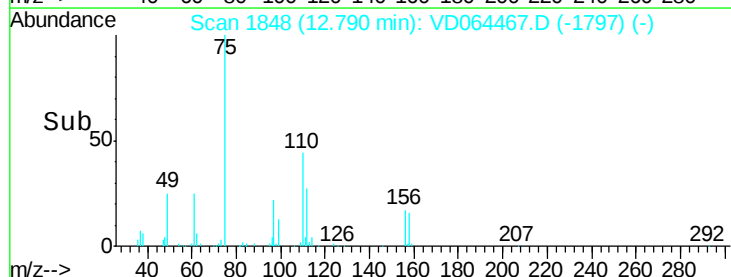
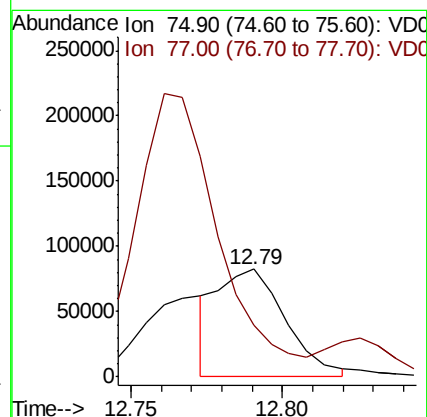
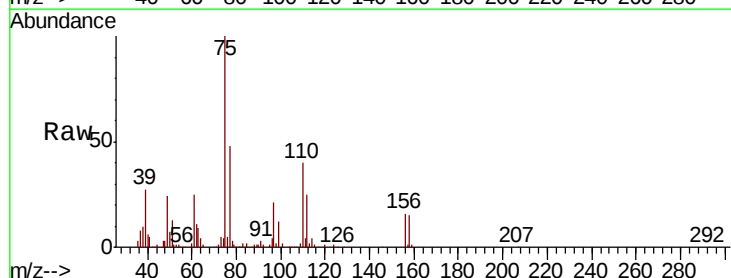
Acq: 06 Dec 2019 19:17

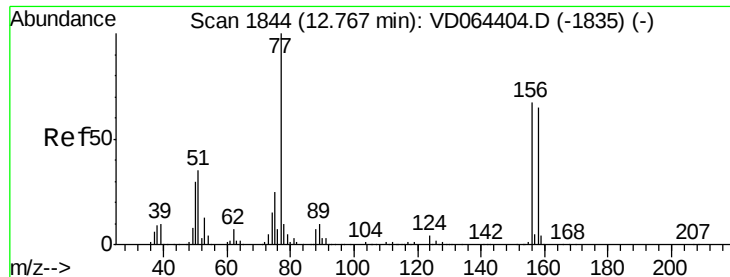
Tgt Ion: 75 Resp: 128707

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.609 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

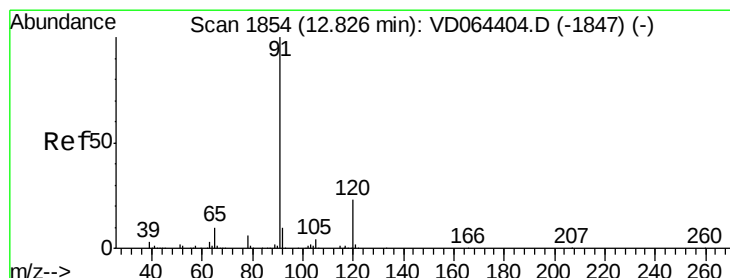
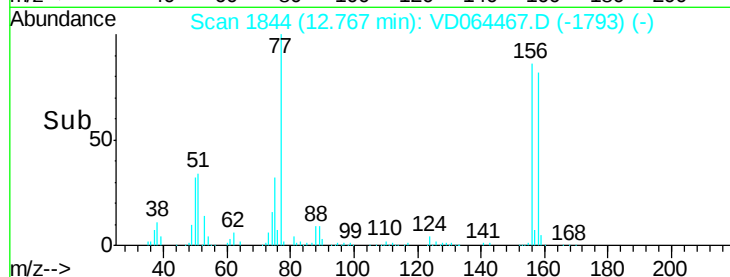
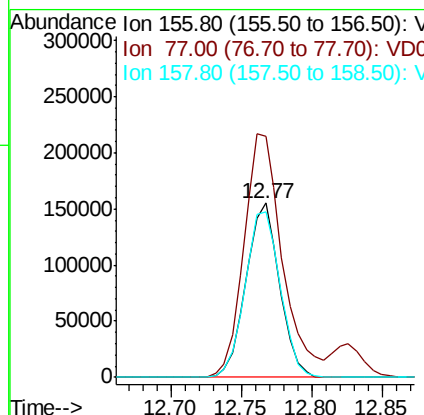
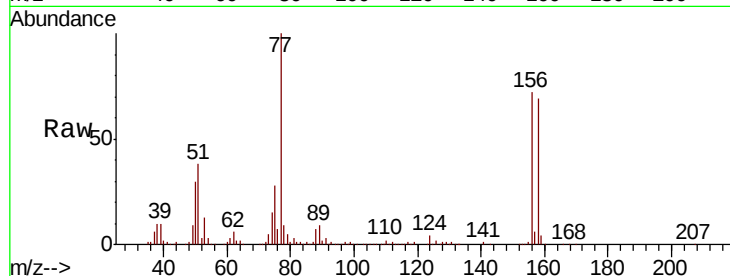
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	258211
Ion Ratio	Lower	Upper	
156	100		
77	160.7	80.0	240.2
158	99.9	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 47.266 ug/l

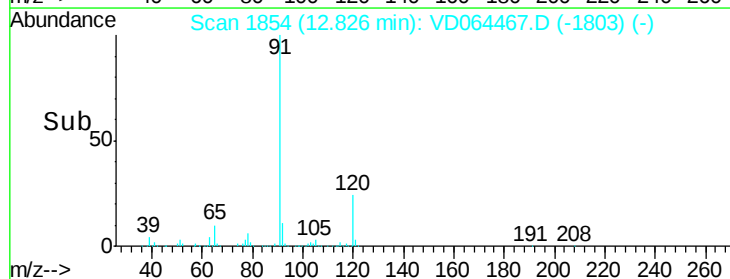
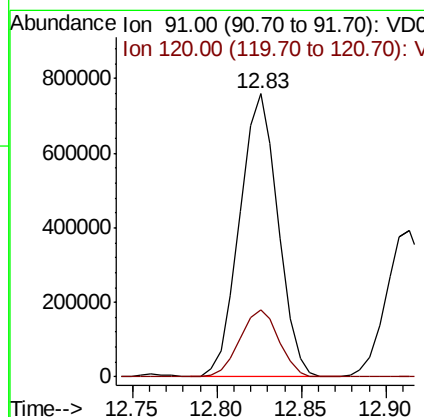
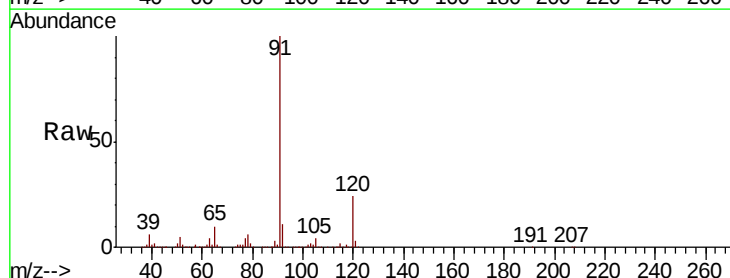
RT: 12.83 min Scan# 1854

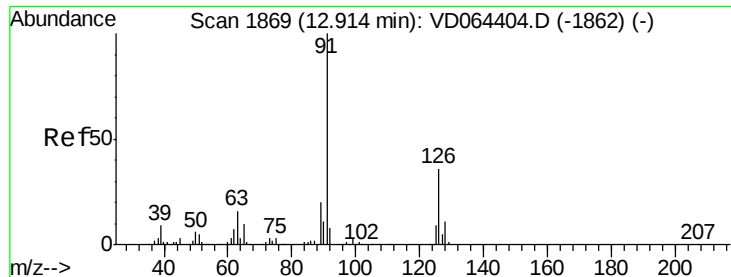
Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Tgt Ion:	91	Resp:	1197744
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.9	35.9





#79

2-Chlorotoluene

Concen: 47.673 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 664731

Ion Ratio Lower Upper

91 100

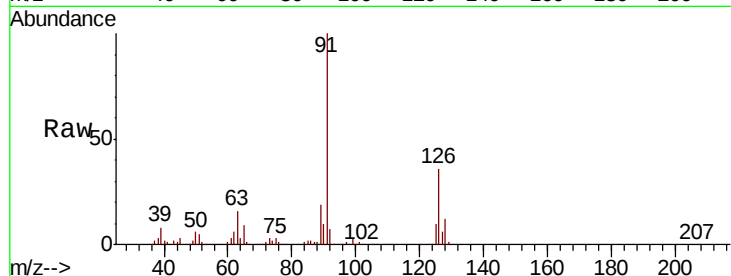
126 36.8 18.0 54.0

Manual Integrations

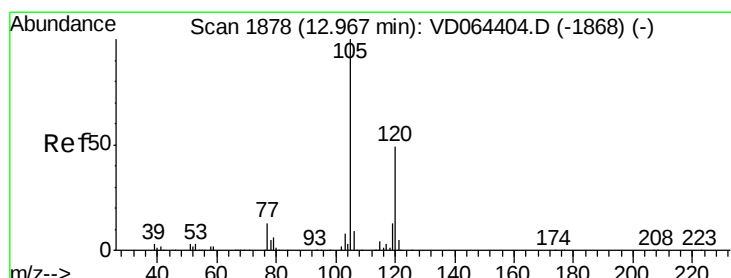
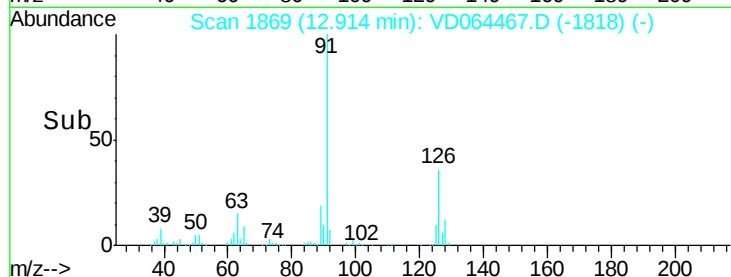
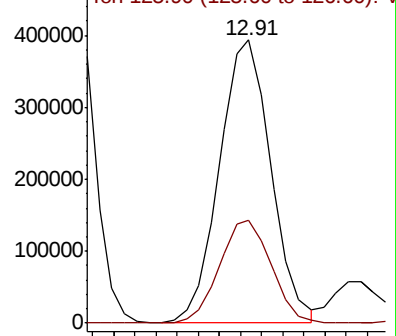
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Abundance Ion 91.00 (90.70 to 91.70): VD064404.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.191 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD064467.D

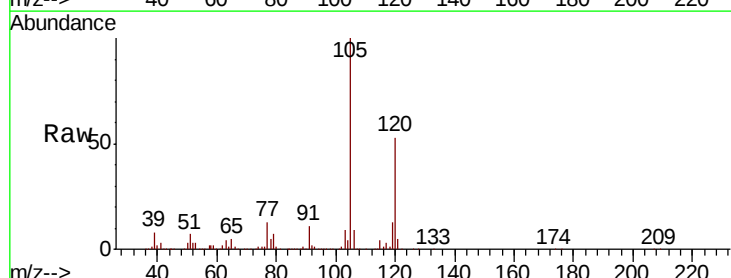
Acq: 06 Dec 2019 19:17

Tgt Ion: 105 Resp: 846960

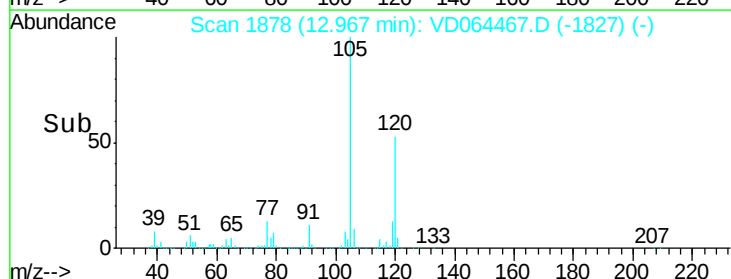
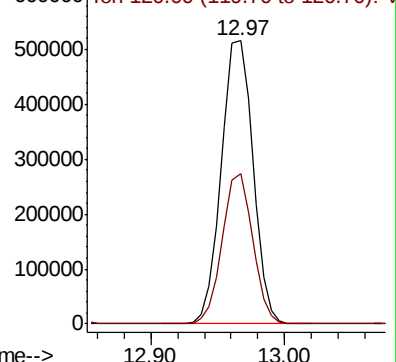
Ion Ratio Lower Upper

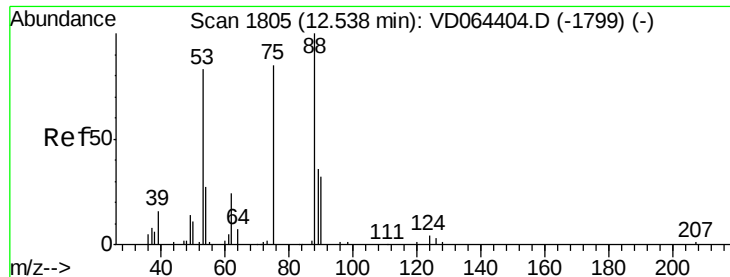
105 100

120 51.2 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VD064404.D (-1868) (-)





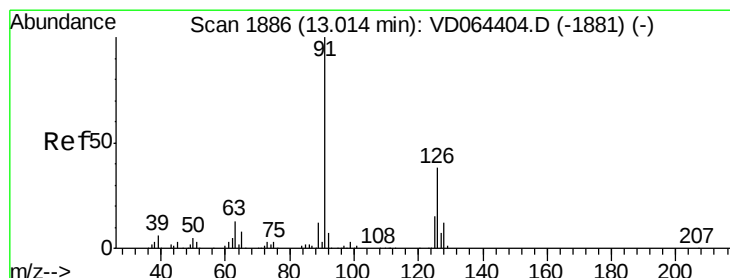
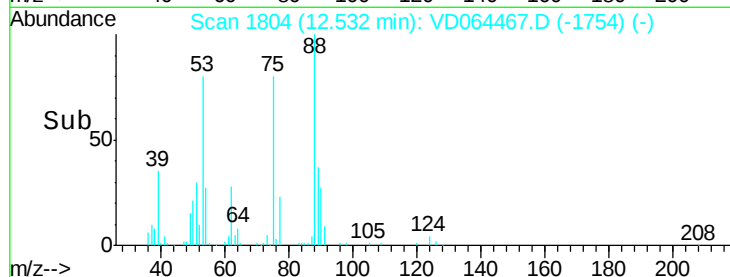
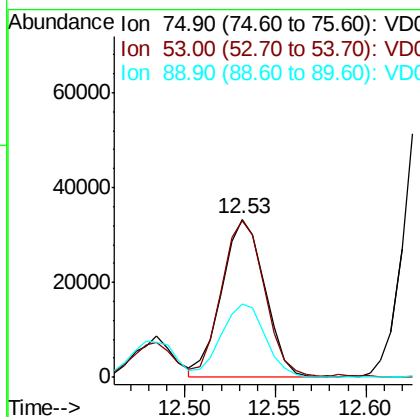
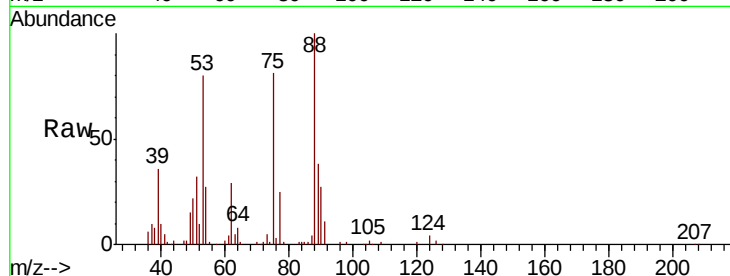
#81
trans-1,4-Dichloro-2-butene
Concen: 48.175 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	81.0	121.6
89	47.6	38.5	57.7

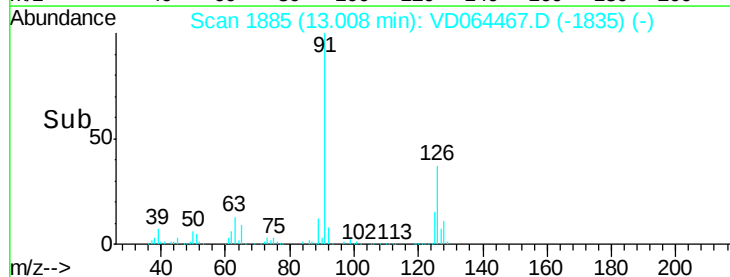
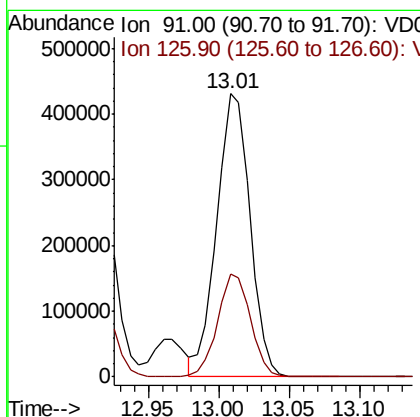
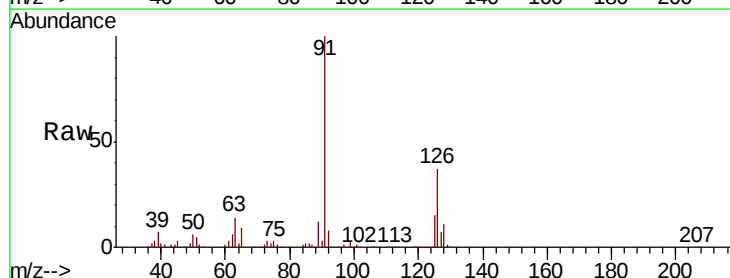
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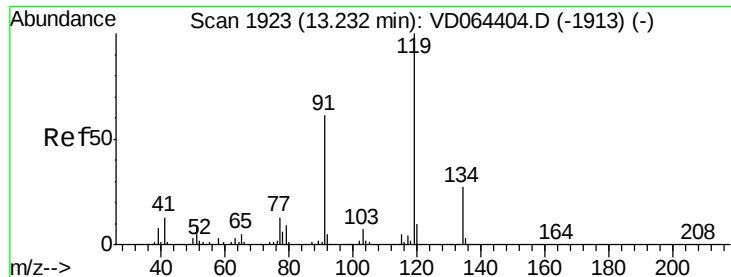
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#82
4-Chlorotoluene
Concen: 47.962 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	18.2	54.6





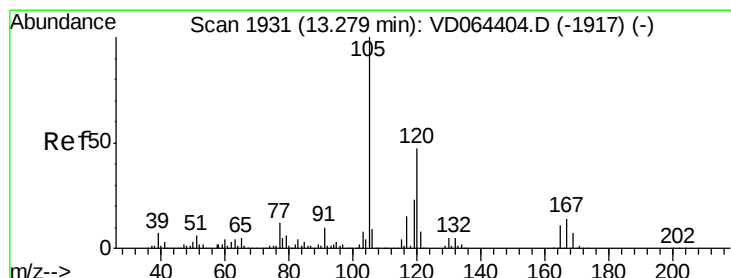
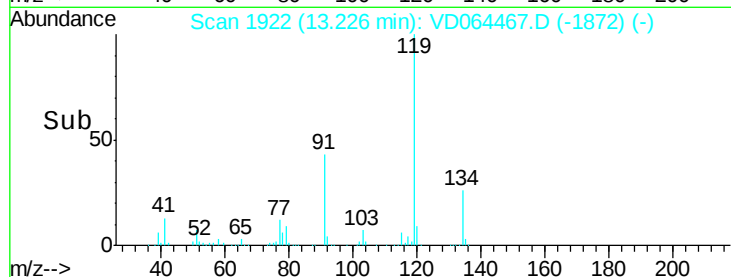
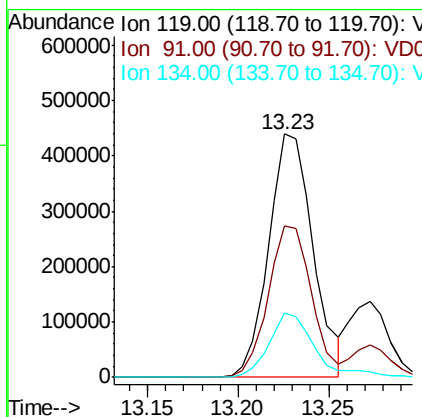
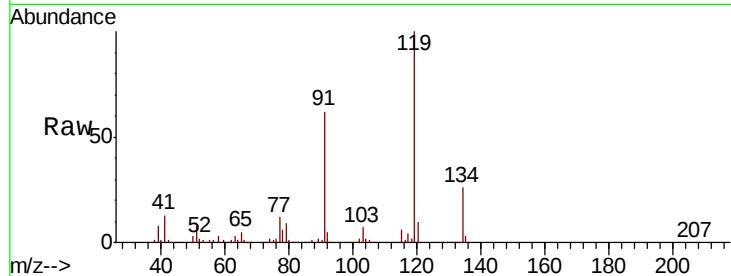
#83
 tert-Butylbenzene
 Concen: 48.199 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	31.2	93.6
134	27.3	13.9	41.7

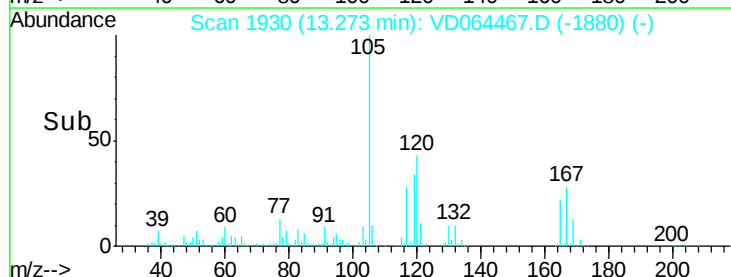
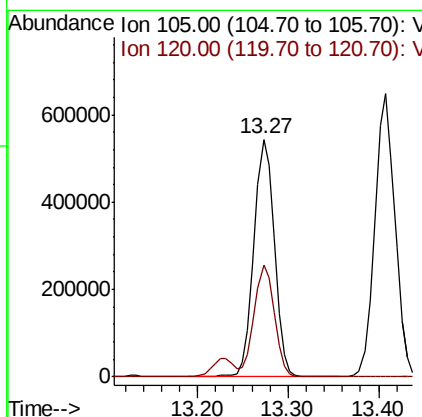
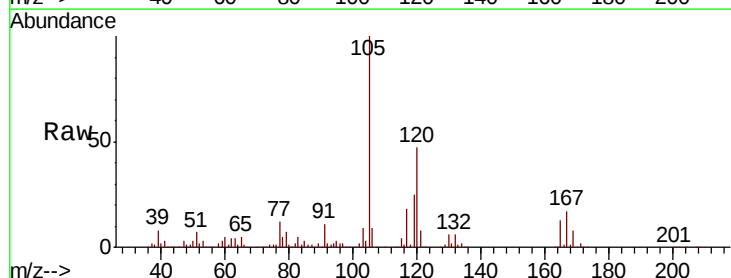
Manual Integrations
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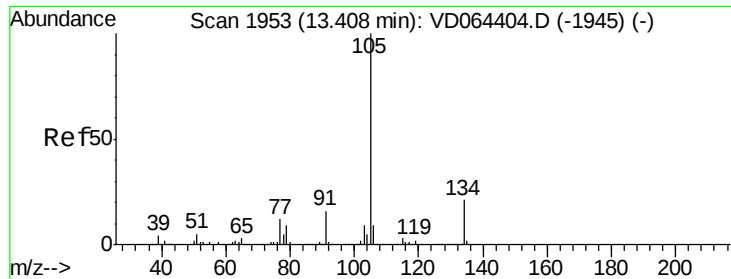
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.347 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.6	70.8





#85

sec-Butylbenzene

Concen: 46.743 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1000997

Ion Ratio Lower Upper

105 100

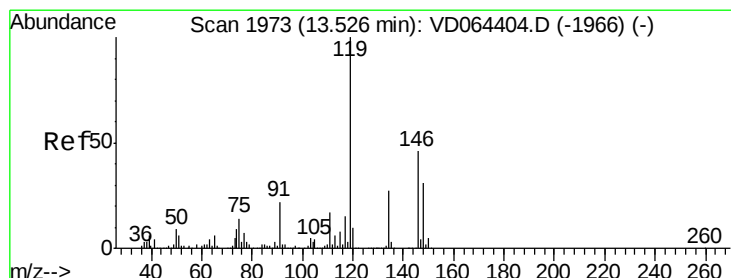
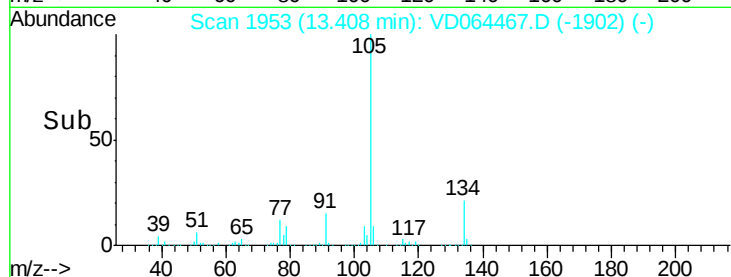
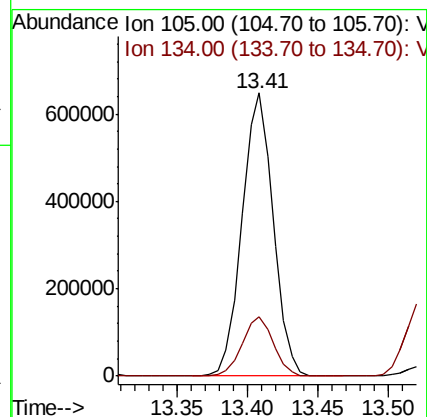
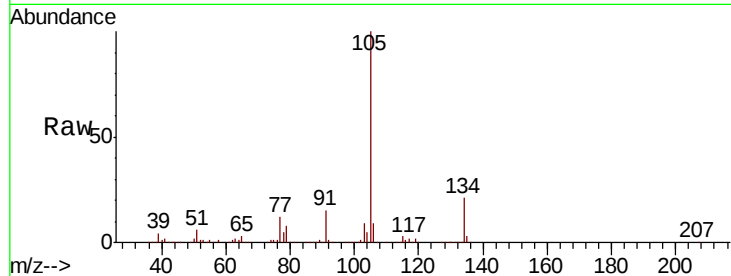
134 20.9 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 47.439 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

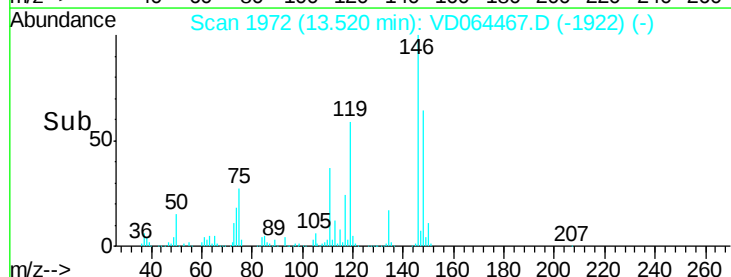
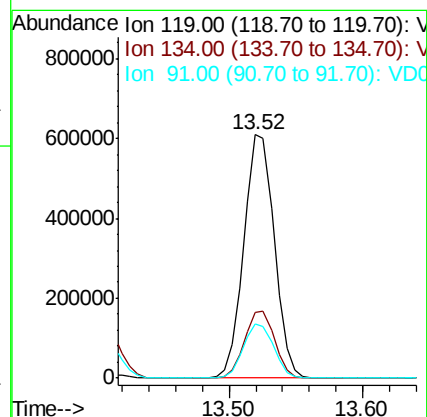
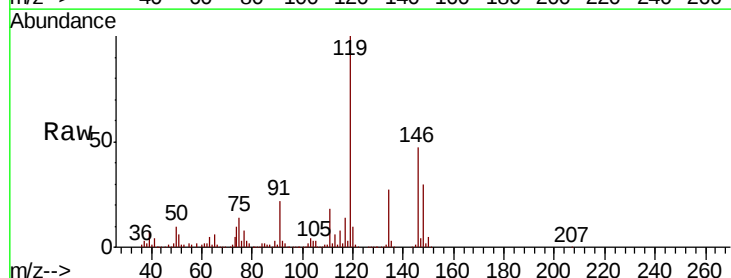
Tgt Ion:119 Resp: 959118

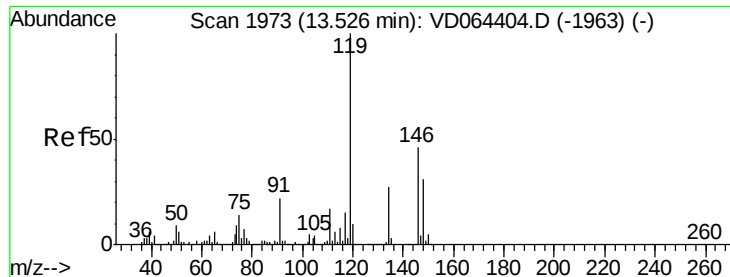
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 22.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 47.394 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Instrument :

MSVOA_D

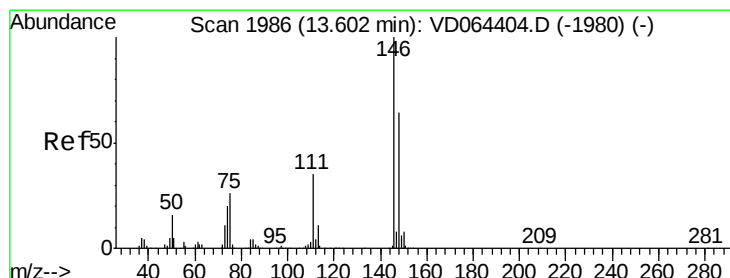
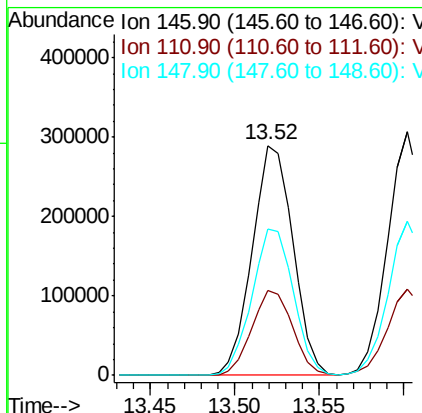
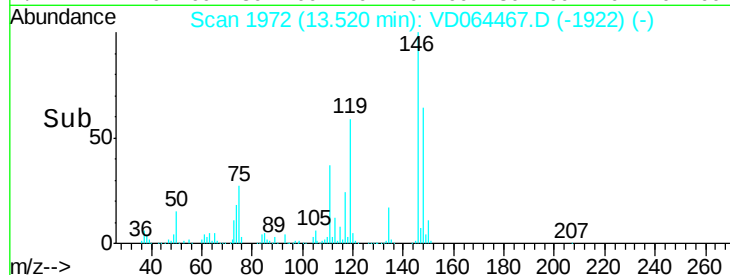
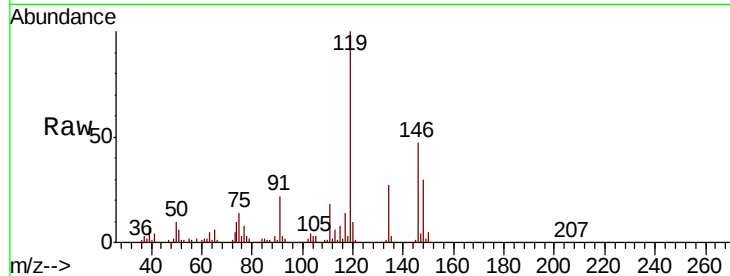
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	487867
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.8	56.4
148	64.6	32.6	97.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.735 ug/l

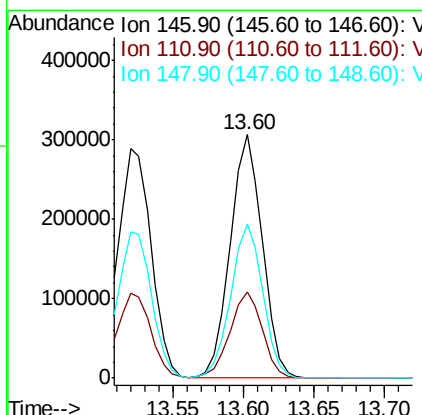
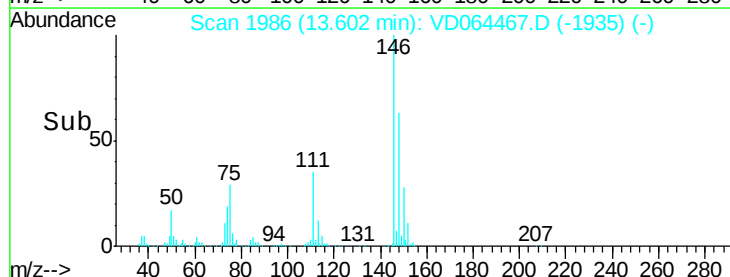
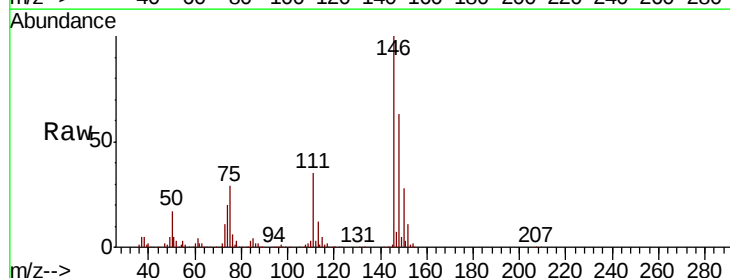
RT: 13.60 min Scan# 1986

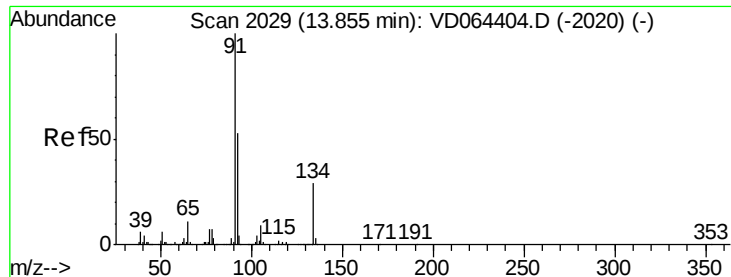
Delta R.T. -0.00 min

Lab File: VD064467.D

Acq: 06 Dec 2019 19:17

Tgt Ion:	146	Resp:	485127
Ion Ratio	Lower	Upper	
146	100		
111	36.0	18.2	54.6
148	63.1	31.8	95.4





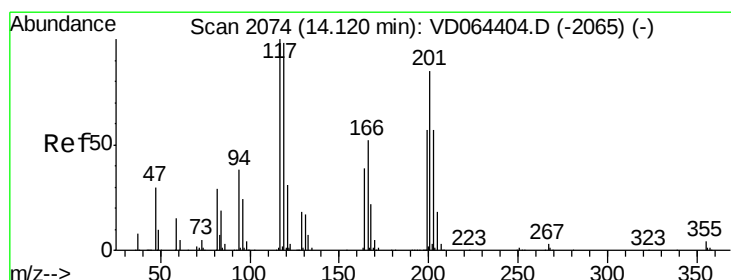
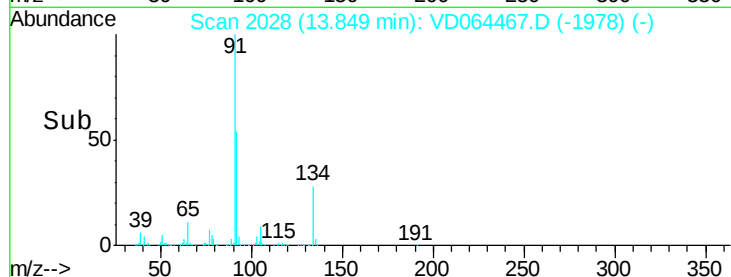
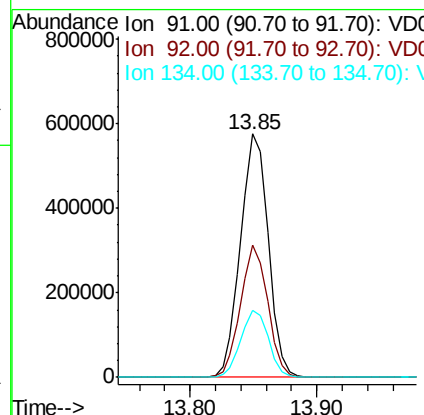
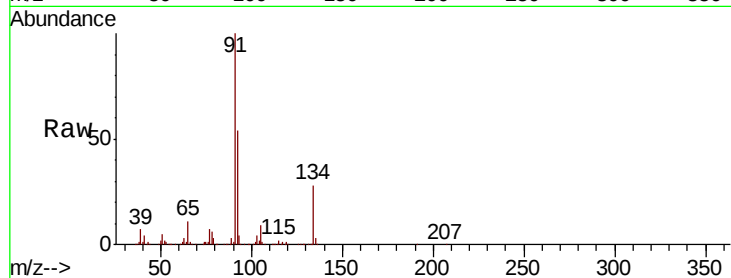
#89
n-Butylbenzene
Concen: 47.551 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.4
134	27.6	13.9	41.7

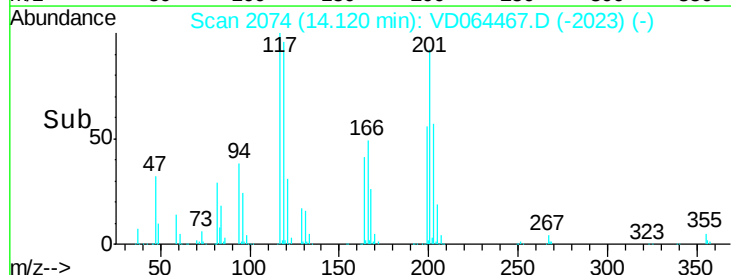
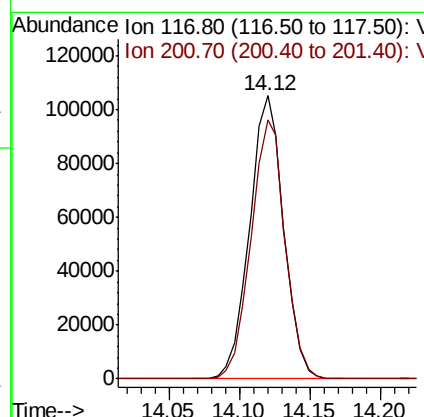
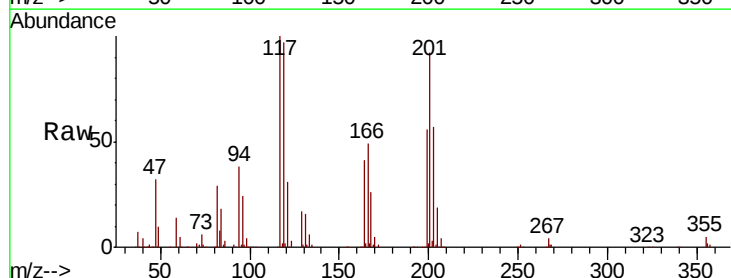
Manual Integrations
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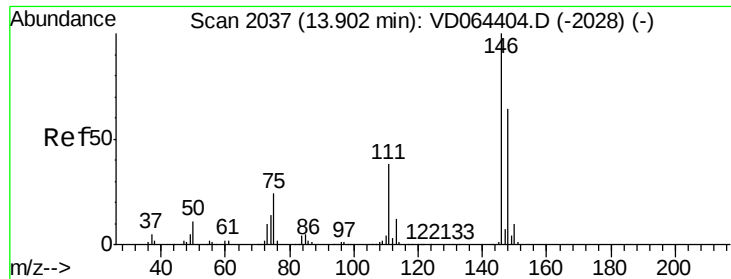
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#90
Hexachloroethane
Concen: 47.033 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.4	44.3	132.8





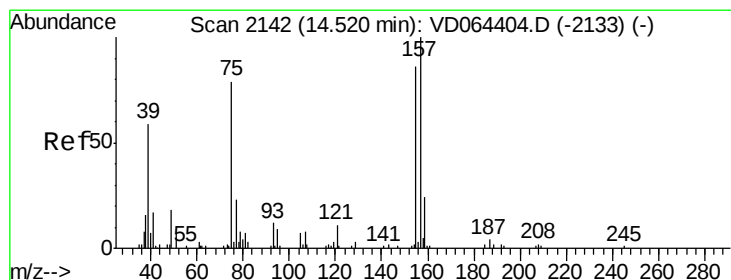
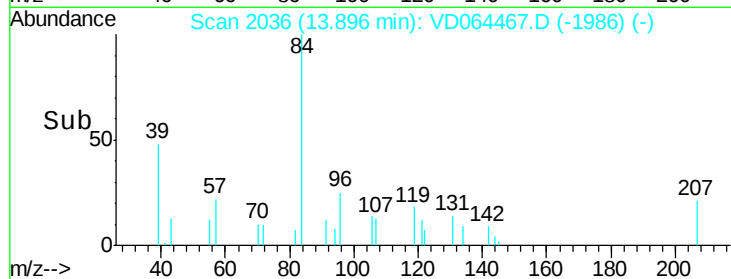
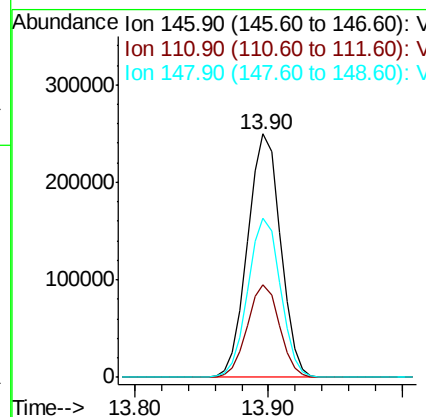
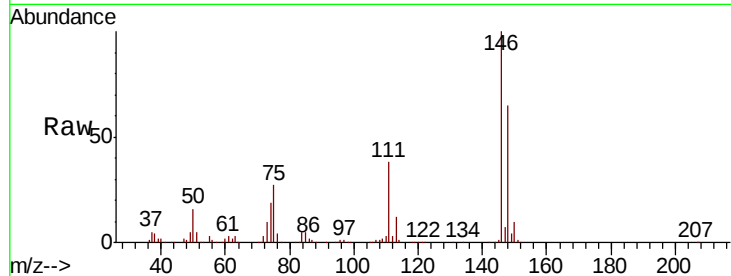
#91
 1,2-Dichlorobenzene
 Concen: 48.218 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.3
148	64.5	32.0	96.0

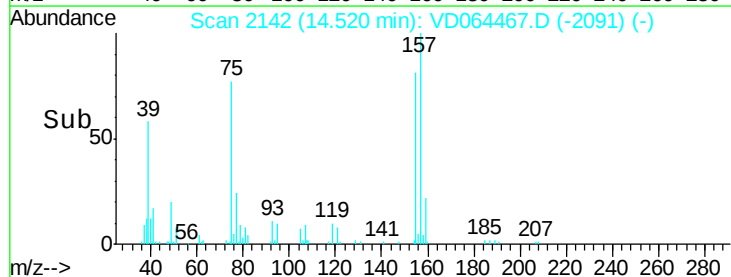
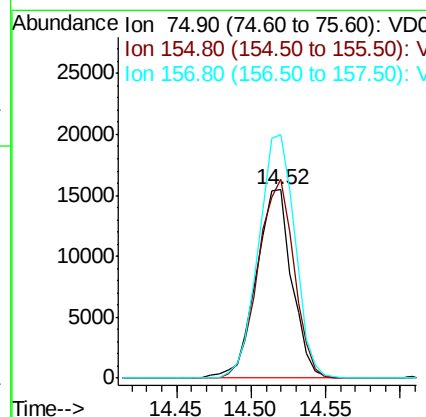
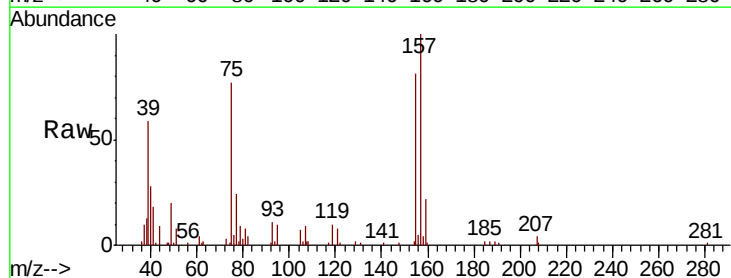
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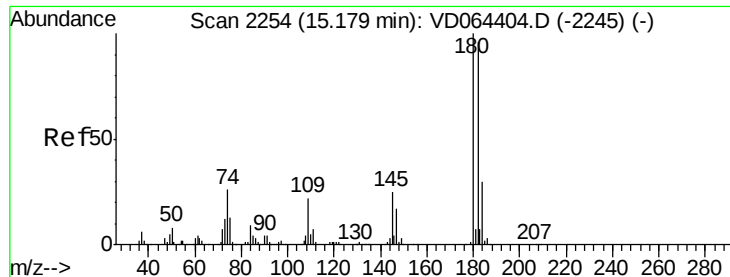
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.936 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.5	51.9	155.7
157	131.5	63.2	189.8





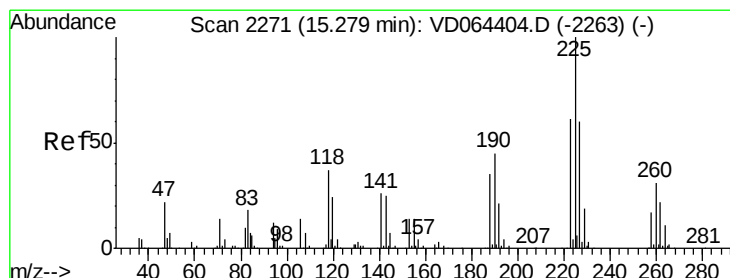
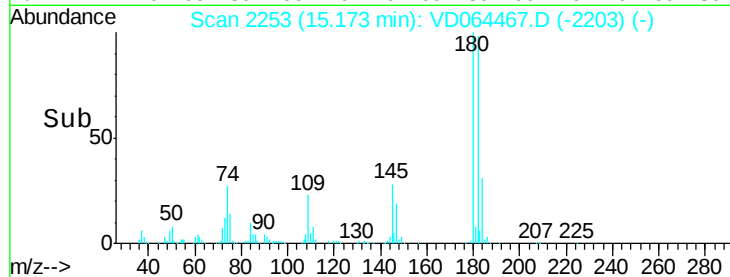
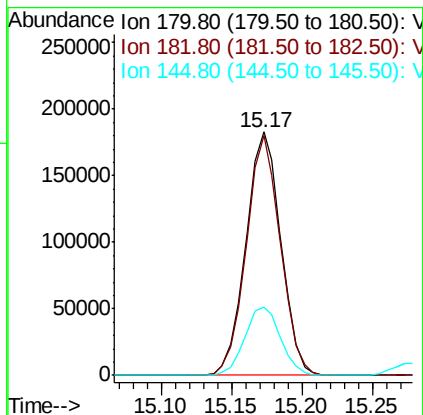
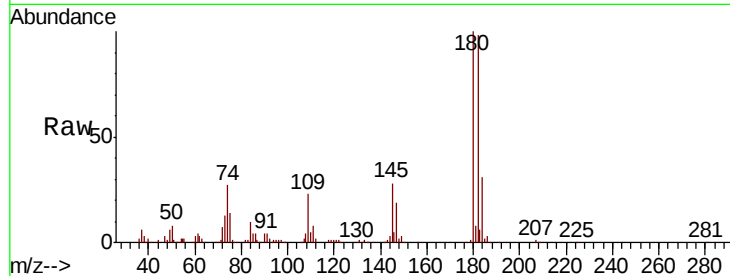
#93
 1,2,4-Trichlorobenzene
 Concen: 47.130 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	47.4	142.3	
145	28.6	14.0	41.9	

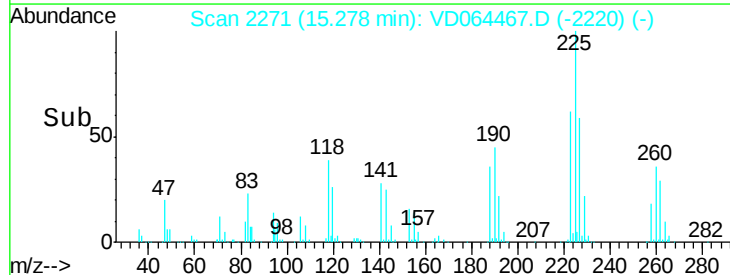
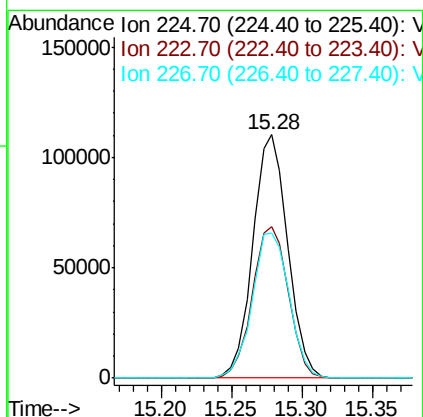
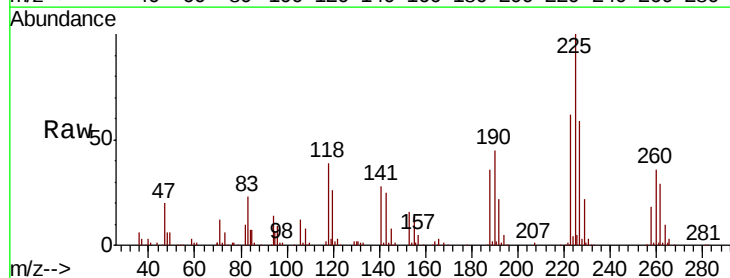
Manual Integrations
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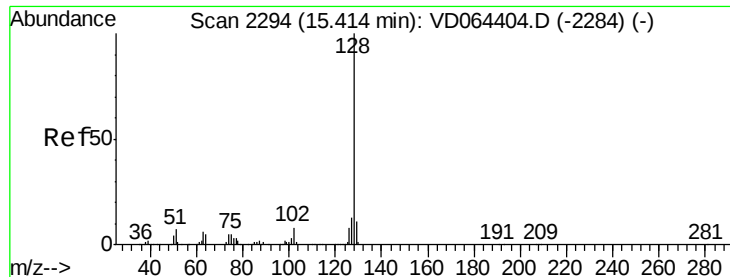
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#94
 Hexachlorobutadiene
 Concen: 45.871 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD064467.D
 Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	31.1	93.3	
227	63.4	31.8	95.4	





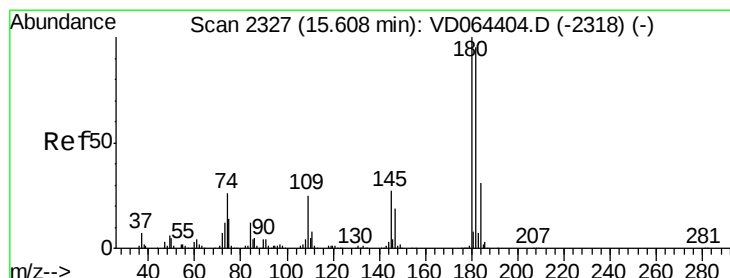
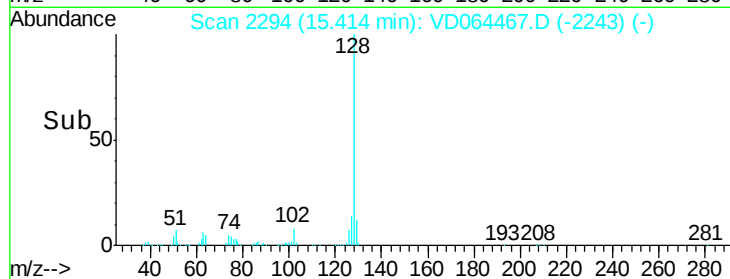
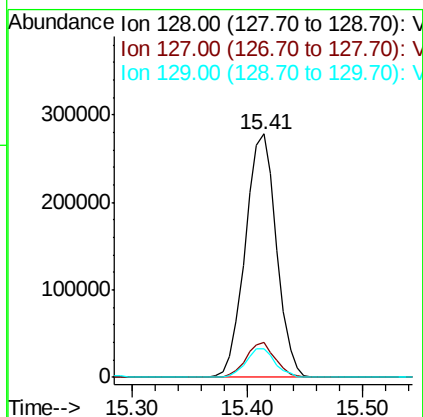
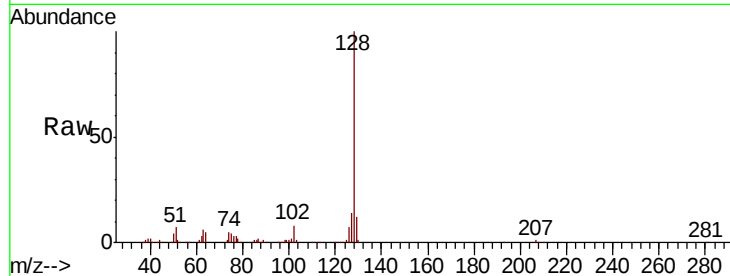
#95
Naphthalene
Concen: 46.382 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.1	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.184 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD064467.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.9
145	29.5	14.6	43.8

