

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112719\
 Data File : VD064402.D
 Acq On : 27 Nov 2019 18:22
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 12/2/2019 10:56:31 AM

Quant Time: Nov 29 07:05:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 06:39:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	460231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	665256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	585129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282540	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	43941	11.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.32%	
35) Dibromofluoromethane	7.92	113	44799	11.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.50%	
50) Toluene-d8	10.34	98	166249	11.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.22%	
62) 4-Bromofluorobenzene	12.64	95	53987	11.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	48719	12.734	ug/l	93
3) Chloromethane	2.21	50	61651	14.535	ug/l	100
4) Vinyl Chloride	2.35	62	68236	14.777	ug/l	99
5) Bromomethane	2.77	94	51711	17.325	ug/l	91
6) Chloroethane	2.93	64	45732	15.371	ug/l	96
7) Trichlorofluoromethane	3.27	101	115025	15.277	ug/l	98
8) Diethyl Ether	3.71	74	22645	11.536	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.08	101	49706	12.190	ug/l	98
10) Methyl Iodide	4.29	142	41007	10.042	ug/l	98
11) Tert butyl alcohol	5.26	59	15788	60.030	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	45143	11.628	ug/l	88
13) Acrolein	3.93	56	20668	87.455	ug/l	99
14) Allyl chloride	4.71	41	68361	10.180	ug/l	99
15) Acrylonitrile	5.44	53	51840	61.602	ug/l	100
16) Acetone	4.17	43	48935	55.387	ug/l	95
17) Carbon Disulfide	4.40	76	146573	12.077	ug/l	98
18) Methyl Acetate	4.72	43	27565	11.091	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	102569	11.101	ug/l	96
20) Methylene Chloride	4.96	84	56049	12.306	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	51960	11.791	ug/l	97
22) Diisopropyl ether	6.37	45	137581	10.882	ug/l	99
23) Vinyl Acetate	6.31	43	404377	56.915	ug/l	100
24) 1,1-Dichloroethane	6.27	63	84780	11.497	ug/l	97
25) 2-Butanone	7.23	43	67149	57.915	ug/l	95
26) 2,2-Dichloropropane	7.21	77	72651	10.244	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	55828	11.757	ug/l	98
28) Bromochloromethane	7.54	49	23463	9.155	ug/l	96
29) Tetrahydrofuran	7.57	42	43683	62.469	ug/l	99
30) Chloroform	7.71	83	86769	11.468	ug/l	100
31) Cyclohexane	7.98	56	84785	11.458	ug/l #	95
32) 1,1,1-Trichloroethane	7.90	97	82177	11.407	ug/l	99
36) 1,1-Dichloropropene	8.11	75	68773	11.283	ug/l	99
37) Ethyl Acetate	7.30	43	30659	11.814	ug/l	96
38) Carbon Tetrachloride	8.10	117	71596	10.935	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	86191	11.112	ug/l	96
40) Benzene	8.36	78	190058	11.324	ug/l	99
41) Methacrylonitrile	7.53	41	14189	8.729	ug/l #	73
42) 1,2-Dichloroethane	8.43	62	57006	11.353	ug/l	100
43) Isopropyl Acetate	8.46	43	58100	10.947	ug/l	98
44) Trichloroethene	9.11	130	59144	11.776	ug/l	98
45) 1,2-Dichloropropane	9.39	63	45045	11.004	ug/l	99
46) Dibromomethane	9.48	93	26027	11.789	ug/l	99
47) Bromodichloromethane	9.67	83	66274	11.214	ug/l	99
48) Methyl methacrylate	9.46	41	26863	10.433	ug/l	98
49) 1,4-Dioxane	9.47	88	6946	261.607	ug/l #	89
51) 4-Methyl-2-Pentanone	10.23	43	146737	57.356	ug/l	100
52) Toluene	10.40	92	123165	11.186	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	60460	10.297	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	73275	10.674	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	36147	12.094	ug/l	94
56) Ethyl methacrylate	10.67	69	43413	10.489	ug/l	98
57) 1,3-Dichloropropane	10.95	76	60783	11.691	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	89856	54.488	ug/l	98
59) 2-Hexanone	10.99	43	102001	56.384	ug/l	100
60) Dibromochloromethane	11.14	129	48547	11.651	ug/l	98
61) 1,2-Dibromoethane	11.26	107	35837	11.966	ug/l	99
64) Tetrachloroethene	10.88	164	49506	11.084	ug/l	96
65) Chlorobenzene	11.67	112	136015	11.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	48615	10.775	ug/l	98
67) Ethyl Benzene	11.75	91	234528	10.942	ug/l	98
68) m/p-Xylenes	11.86	106	181242	22.074	ug/l	99
69) o-Xylene	12.18	106	81681	10.726	ug/l	99
70) Styrene	12.20	104	140568	10.591	ug/l	100
71) Bromoform	12.37	173	30930	12.009	ug/l #	92
73) Isopropylbenzene	12.48	105	226381	11.003	ug/l	99
74) N-amyl acetate	12.29	43	52272	10.750	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	38329	12.122	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	24900m	11.042	ug/l	
77) Bromobenzene	12.77	156	54977	10.958	ug/l	99
78) n-propylbenzene	12.83	91	260333	11.072	ug/l	100
79) 2-Chlorotoluene	12.91	91	145394	10.988	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	185183	10.943	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11893	10.533	ug/l #	92
82) 4-Chlorotoluene	13.01	91	151801	10.972	ug/l	99
83) tert-Butylbenzene	13.23	119	160778	10.828	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	183651	10.993	ug/l	97
85) sec-Butylbenzene	13.41	105	218199	10.897	ug/l	99
86) p-Isopropyltoluene	13.53	119	204182	10.734	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	104140	11.144	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	105357	11.586	ug/l	97
89) n-Butylbenzene	13.85	91	184709	10.743	ug/l	97
90) Hexachloroethane	14.12	117	38023	10.782	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	89048	11.229	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.52	75	6879	12.404	ug/l	89

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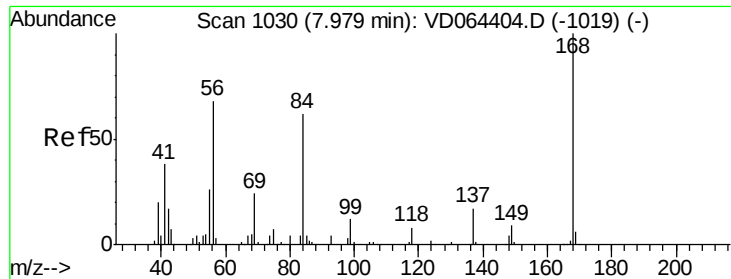
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	70078	11.515	ug/l	97
94) Hexachlorobutadiene	15.28	225	43354	11.071	ug/l	97
95) Naphthalene	15.41	128	117914	11.734	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	59318	11.394	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 460231

Ion Ratio Lower Upper

168 100

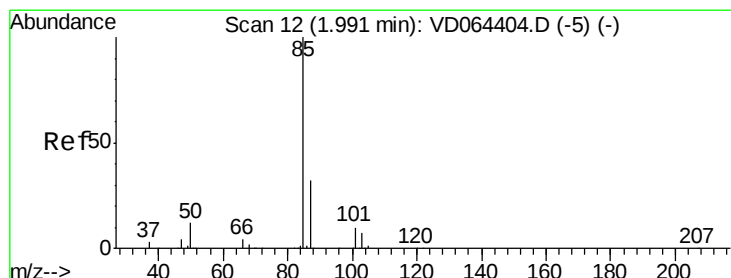
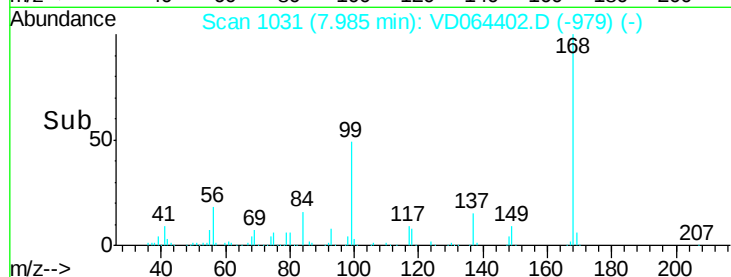
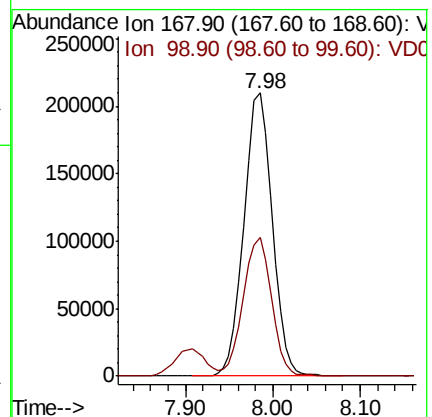
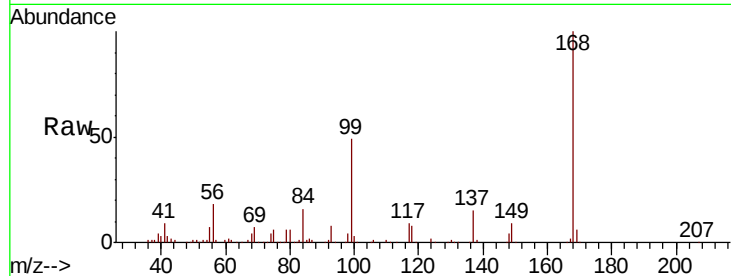
99 49.1 40.7 61.1

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#2

Dichlorodifluoromethane

Concen: 12.734 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064402.D

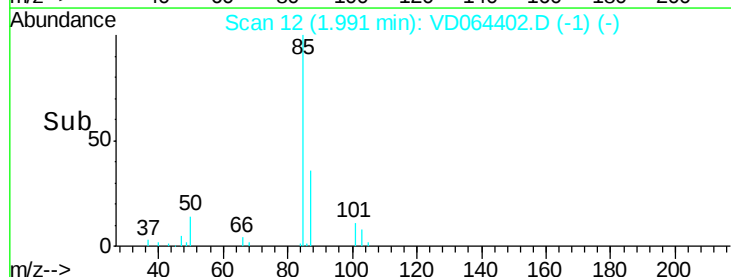
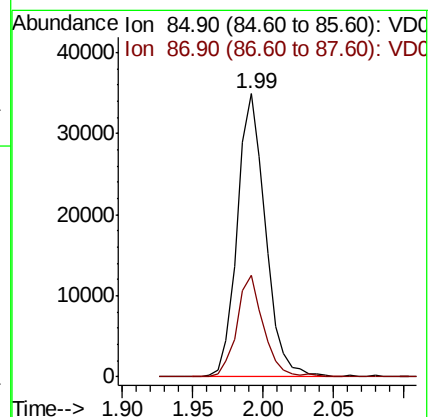
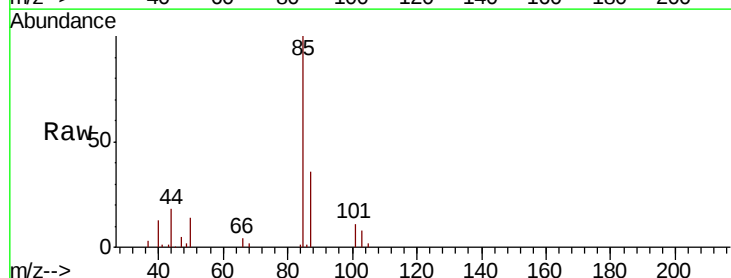
Acq: 27 Nov 2019 18:22

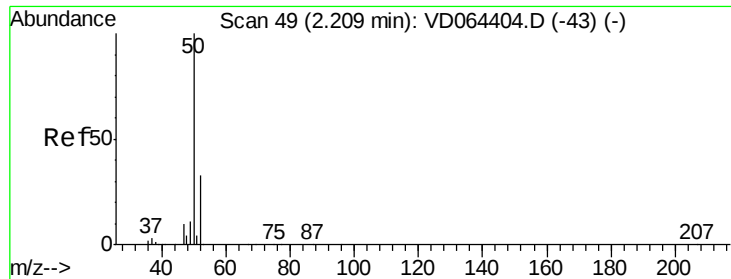
Tgt Ion: 85 Resp: 48719

Ion Ratio Lower Upper

85 100

87 35.8 16.1 48.2





#3

Chloromethane

Concen: 14.535 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 61651

Ion Ratio Lower Upper

50 100

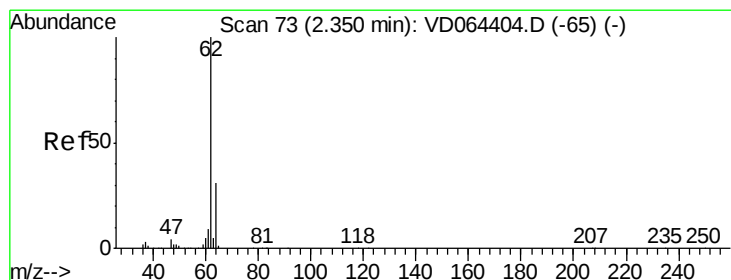
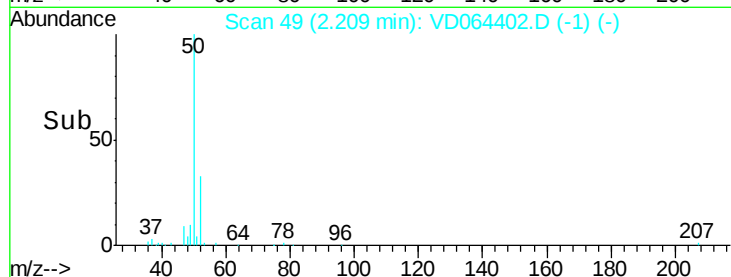
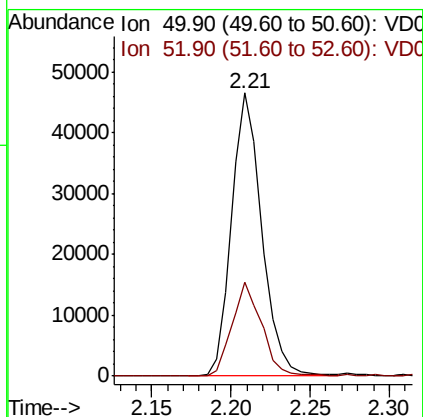
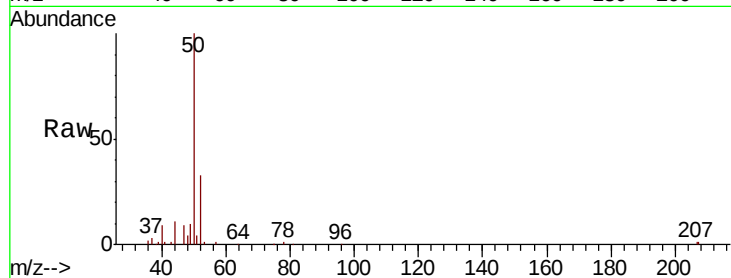
52 33.2 26.7 40.1

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#4

Vinyl Chloride

Concen: 14.777 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064402.D

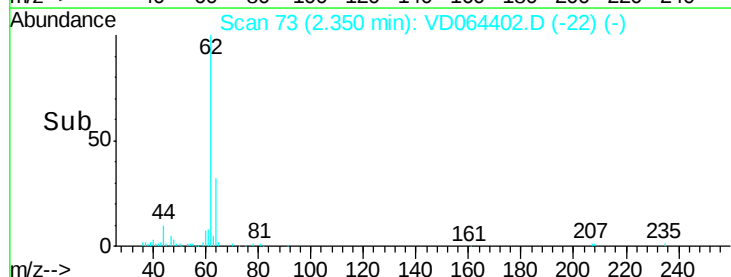
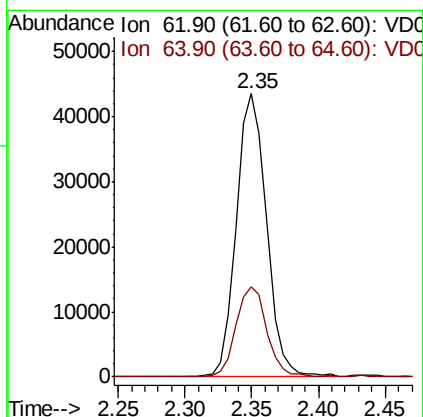
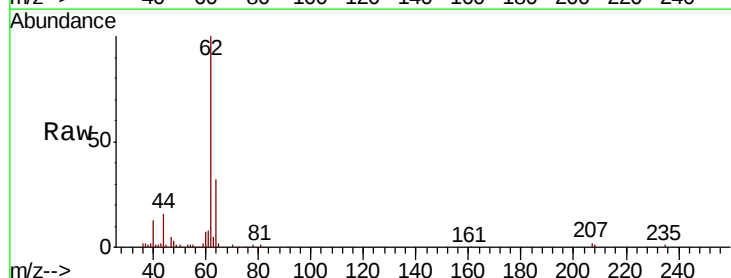
Acq: 27 Nov 2019 18:22

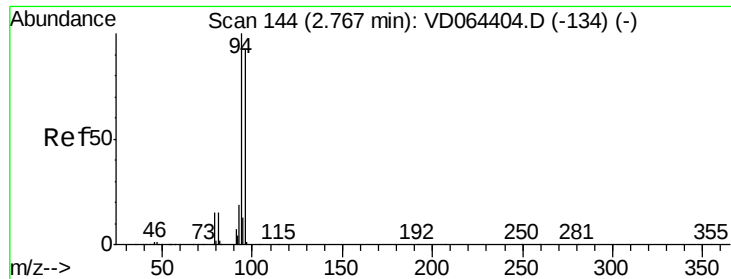
Tgt Ion: 62 Resp: 68236

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.4





#5

Bromomethane

Concen: 17.325 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 51711

Ion Ratio Lower Upper

94 100

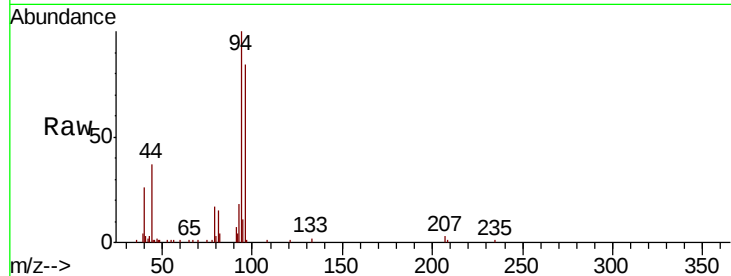
96 83.5 73.6 110.4

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

25000

20000

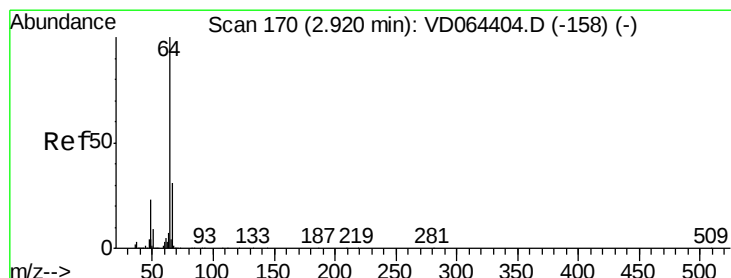
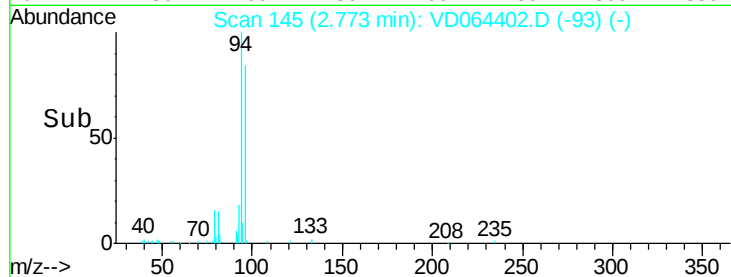
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 15.371 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD064402.D

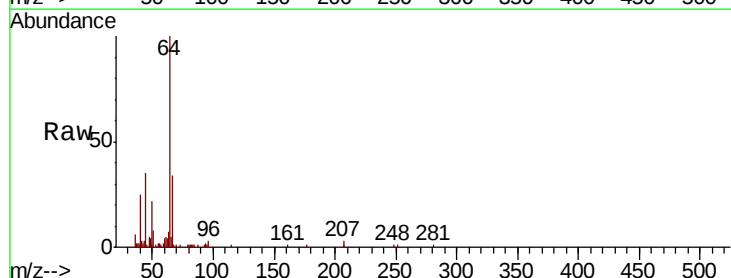
Acq: 27 Nov 2019 18:22

Tgt Ion: 64 Resp: 45732

Ion Ratio Lower Upper

64 100

66 32.8 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

25000

20000

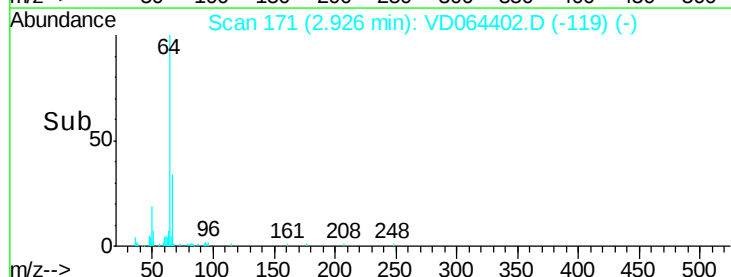
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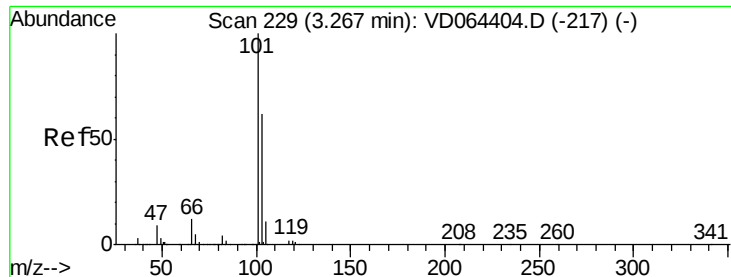
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5000

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Time-->





#7

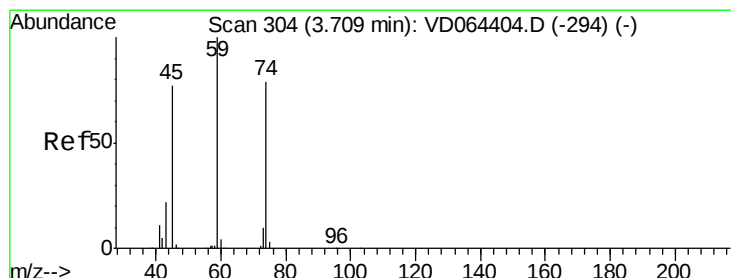
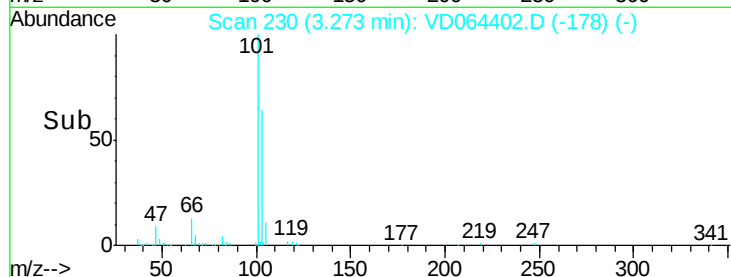
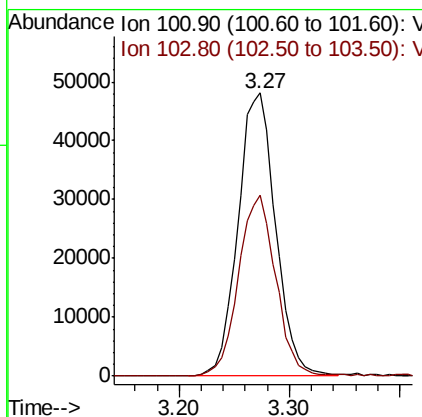
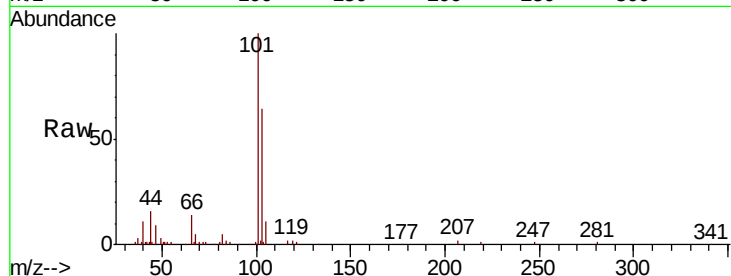
Trichlorofluoromethane
Concen: 15.277 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.01 min
Lab File: VD064402.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	115025		
103	63.9	49.8	74.6	

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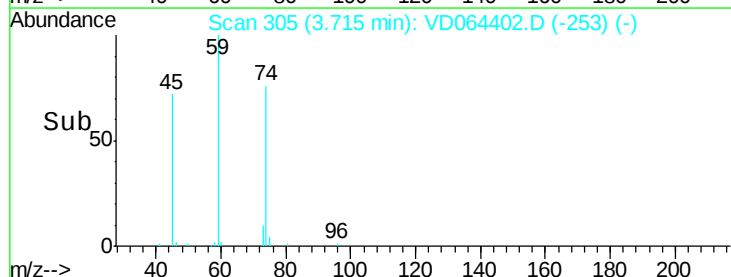
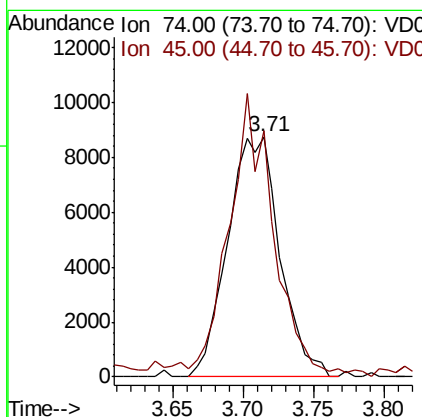
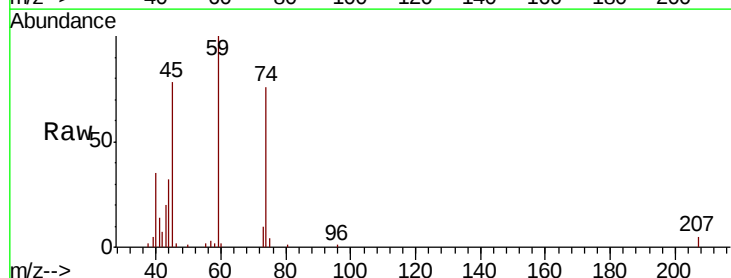
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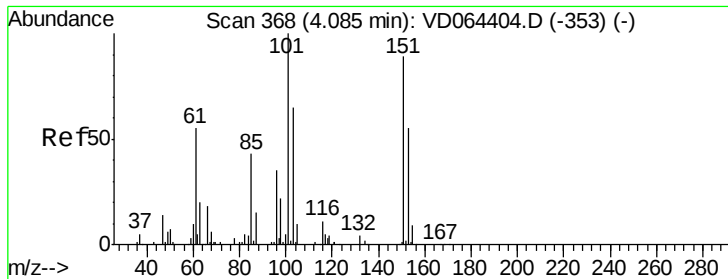


#8

Diethyl Ether
Concen: 11.536 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	22645		
45	102.3	48.6	145.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.190 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

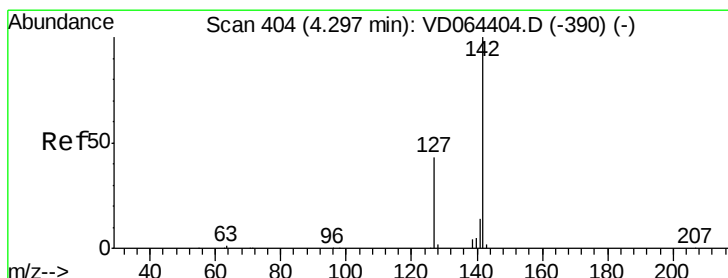
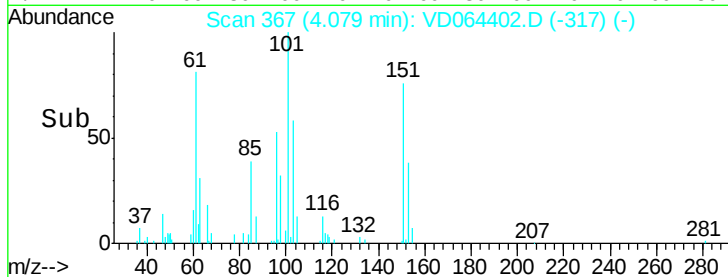
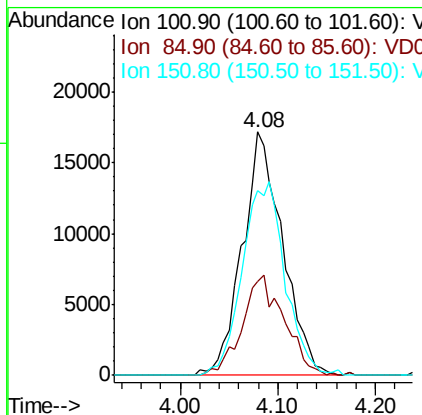
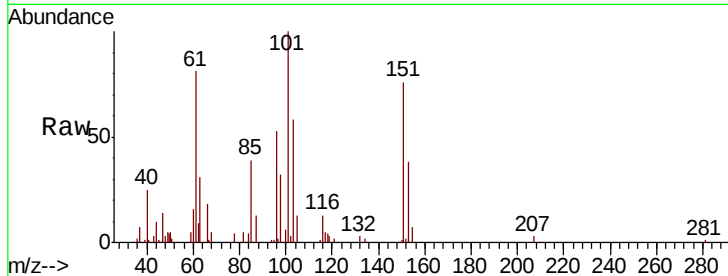
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	49706
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.8	52.2
151	84.1	68.8	103.2

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#10

Methyl Iodide

Concen: 10.042 ug/l

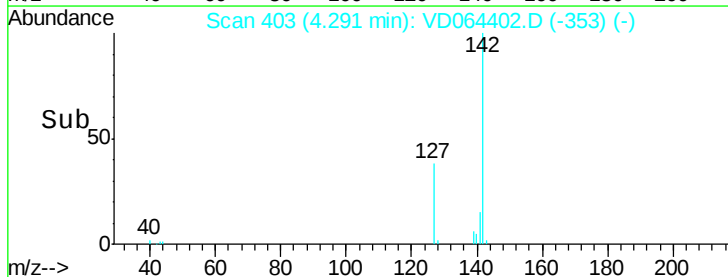
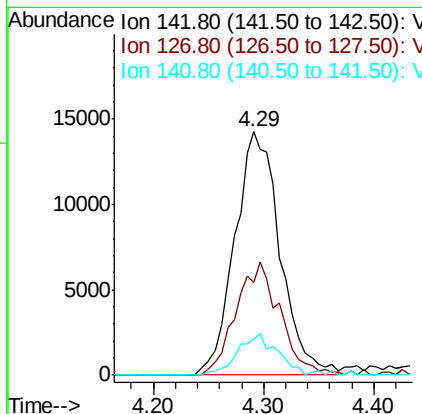
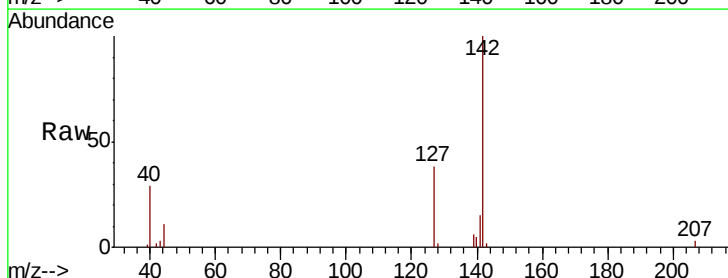
RT: 4.29 min Scan# 403

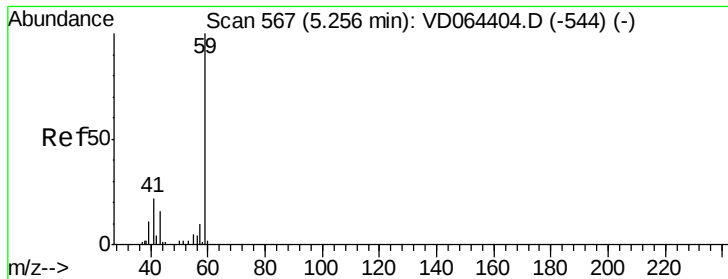
Delta R.T. -0.01 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Tgt Ion:	142	Resp:	41007
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.3	52.9
141	14.9	11.6	17.4





#11

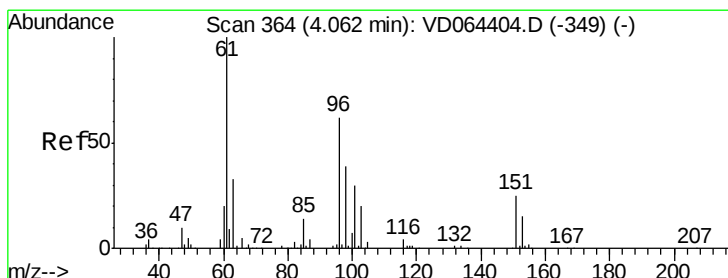
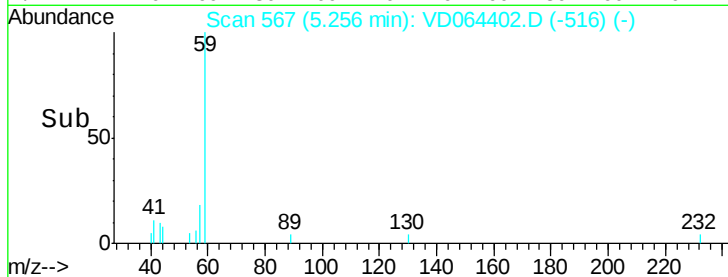
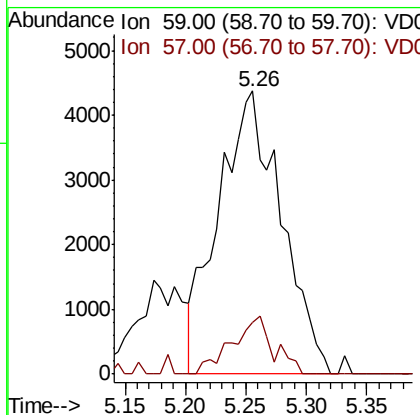
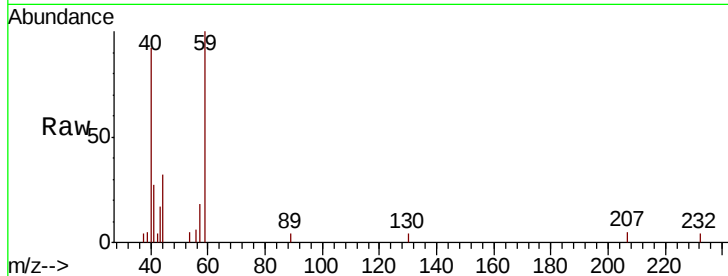
Tert butyl alcohol
Concen: 60.030 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 59 Resp: 15788
Ion Ratio Lower Upper
59 100
57 13.4 0.0 0.0#

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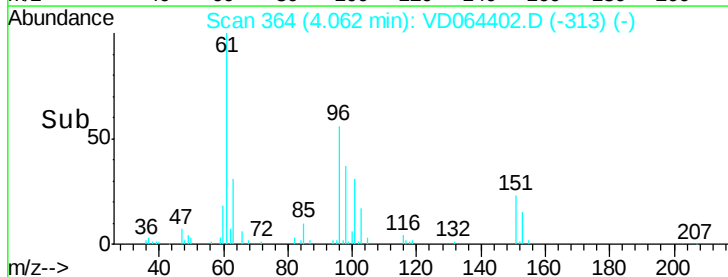
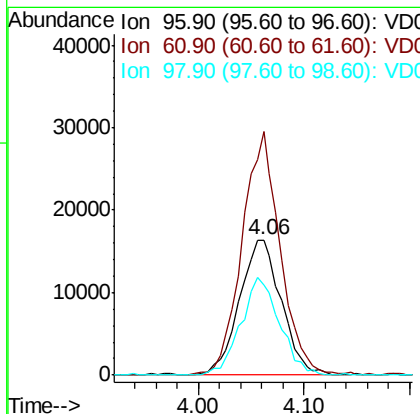
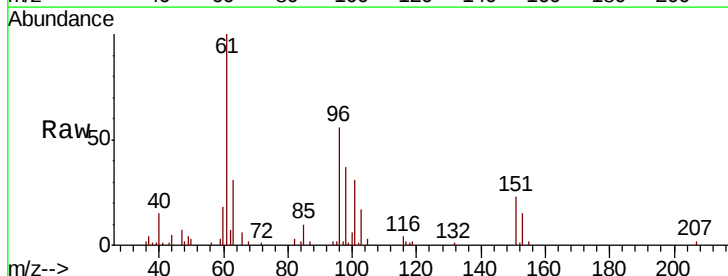
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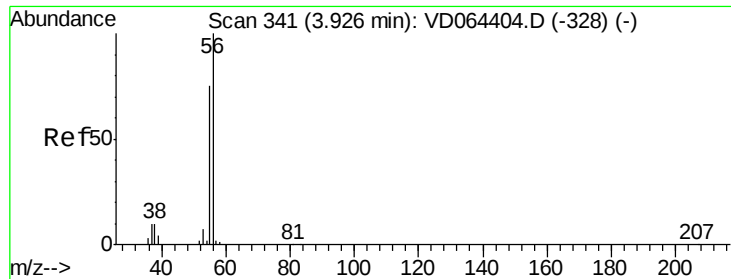


#12

1,1-Dichloroethene
Concen: 11.628 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion: 96 Resp: 45143
Ion Ratio Lower Upper
96 100
61 179.8 128.2 192.4
98 66.4 50.4 75.6





#13

Acrolein

Concen: 87.455 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 20668

Ion Ratio Lower Upper

56 100

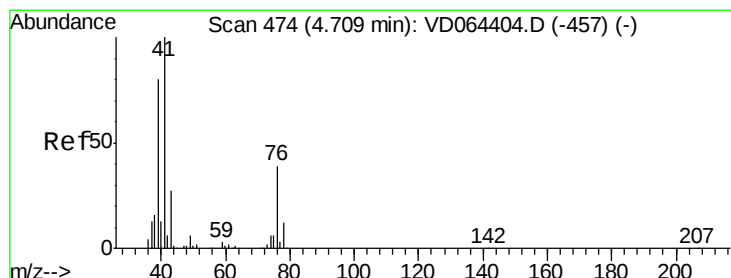
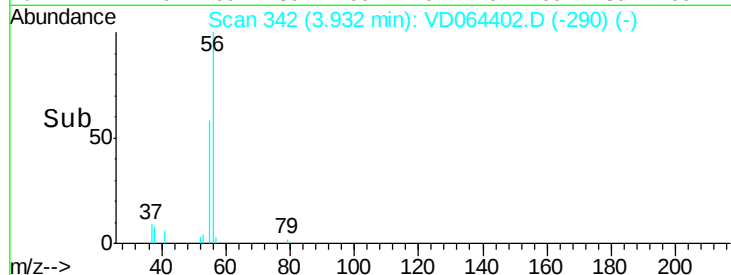
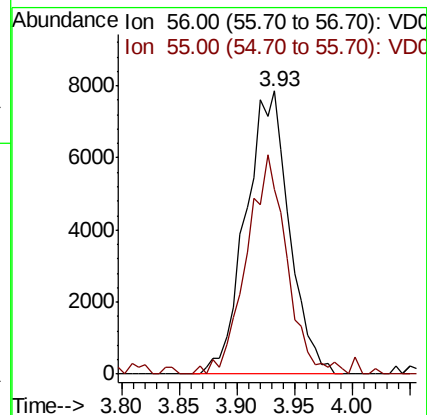
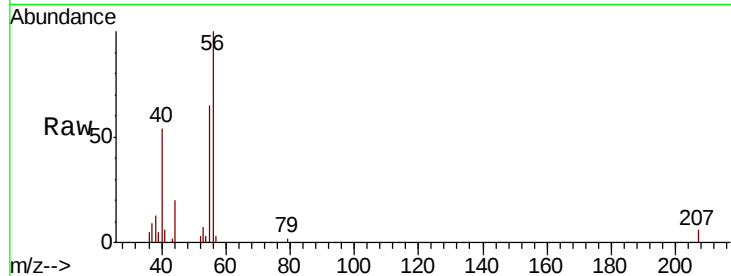
55 71.8 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 10.180 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

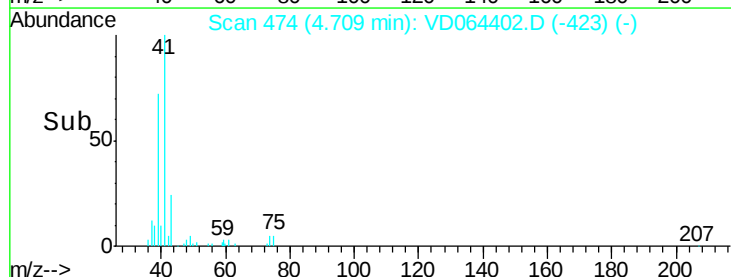
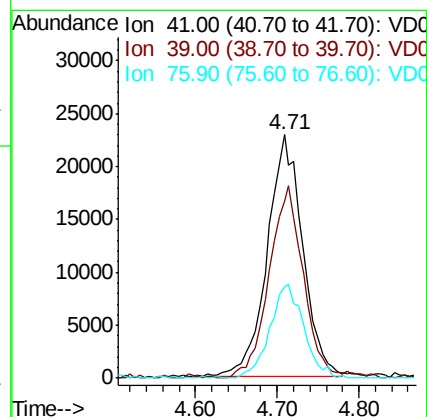
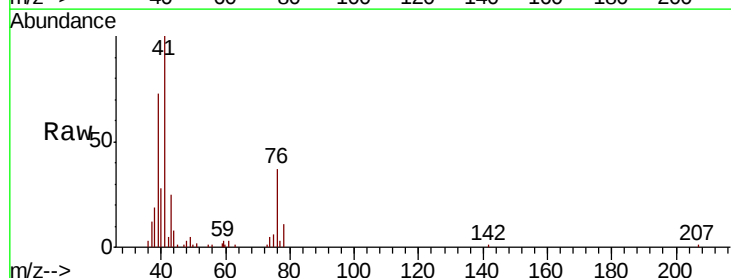
Tgt Ion: 41 Resp: 68361

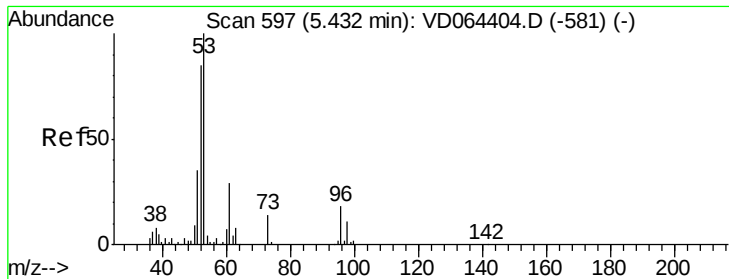
Ion Ratio Lower Upper

41 100

39 78.5 62.1 93.1

76 37.3 29.8 44.8





#15

Acrylonitrile

Concen: 61.602 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

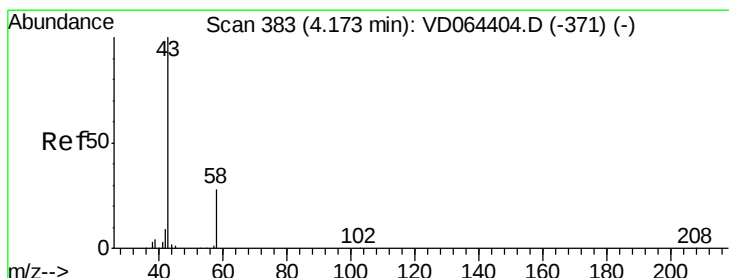
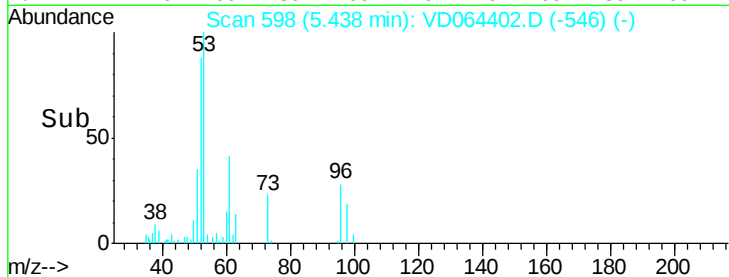
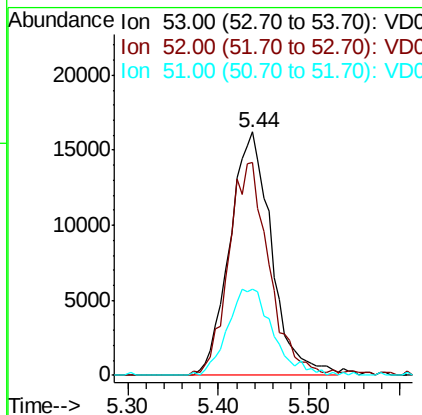
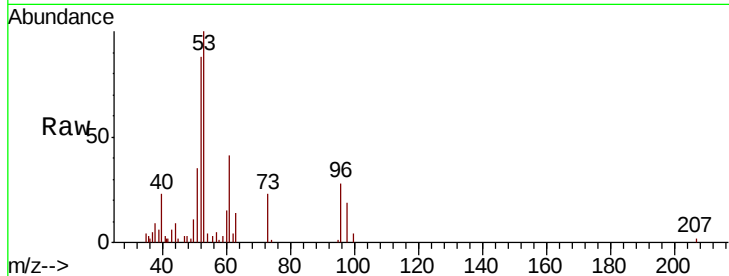
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	51840
Ion	Ratio	Lower	Upper
53	100		
52	84.6	67.9	101.9
51	38.4	30.6	45.8

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#16

Acetone

Concen: 55.387 ug/l

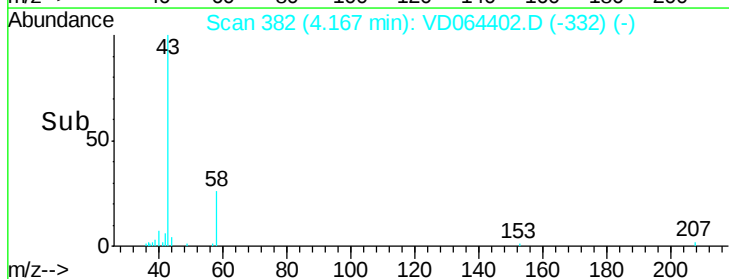
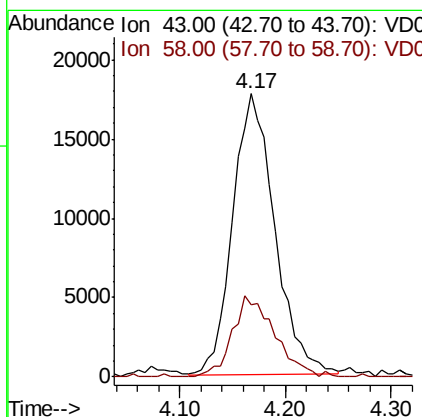
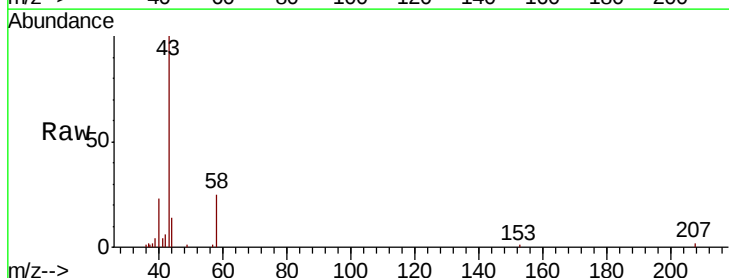
RT: 4.17 min Scan# 382

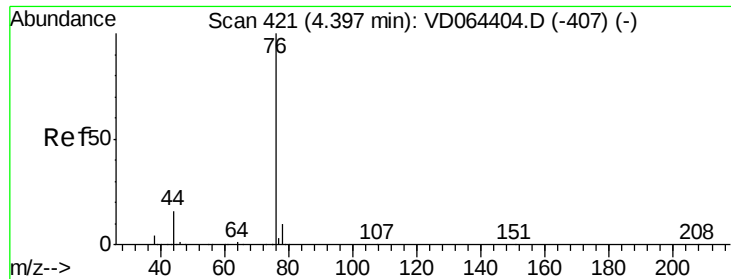
Delta R.T. -0.01 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Tgt Ion:	43	Resp:	48935
Ion	Ratio	Lower	Upper
43	100		
58	25.6	22.6	33.8





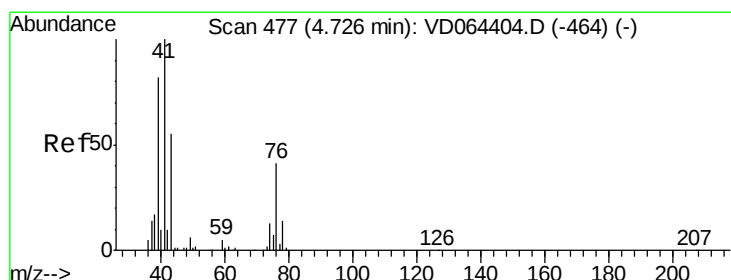
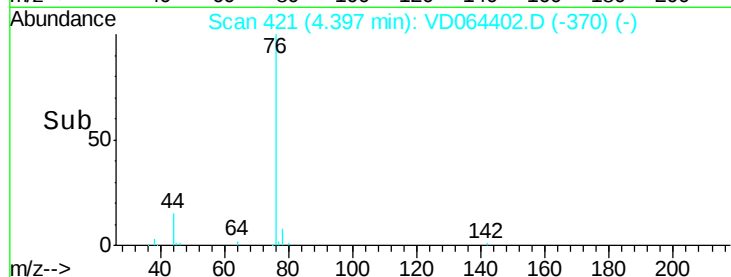
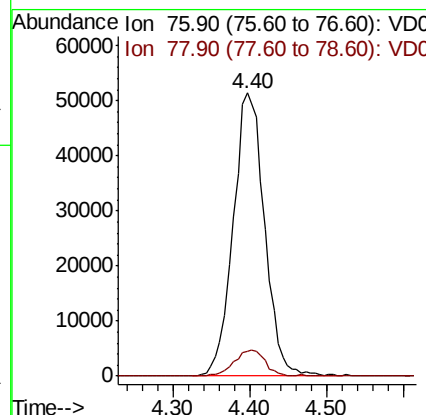
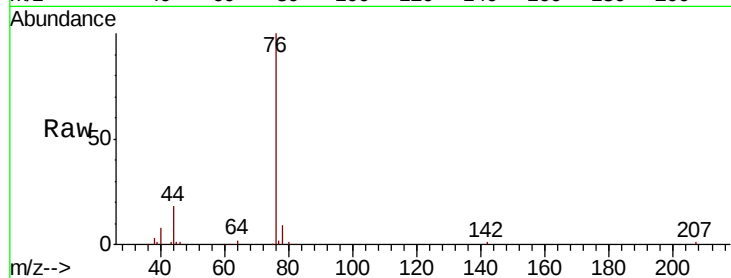
#17
Carbon Disulfide
Concen: 12.077 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.8	11.8

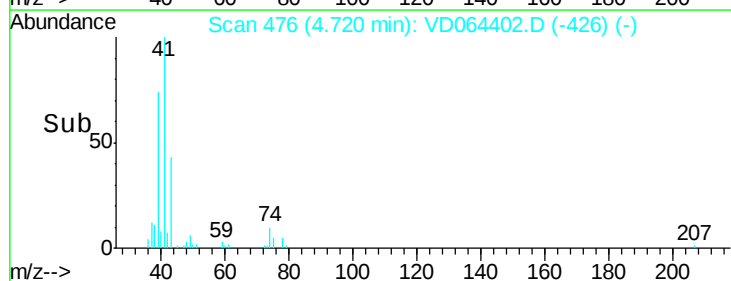
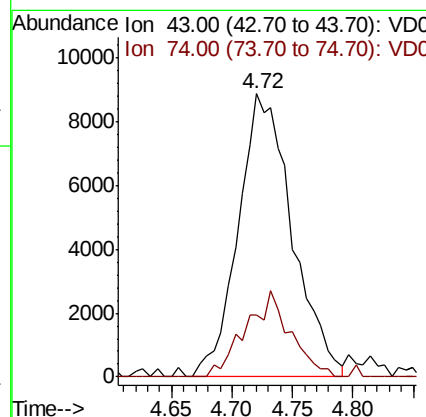
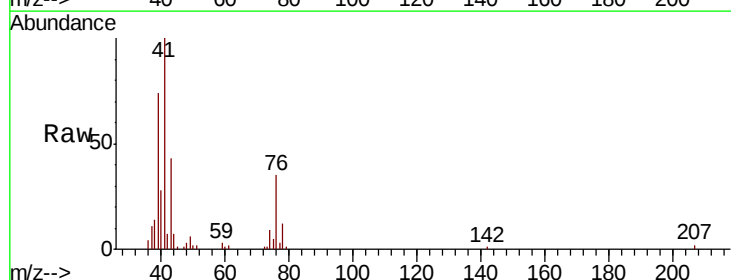
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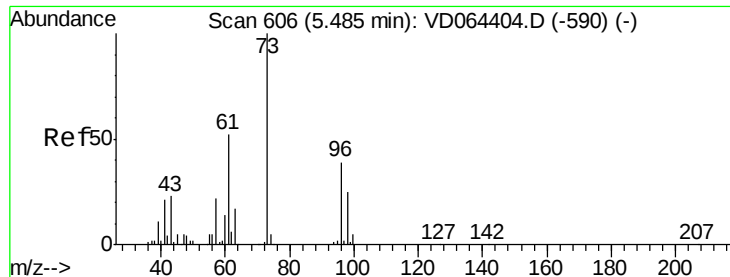
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#18
Methyl Acetate
Concen: 11.091 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.7	29.5





#19

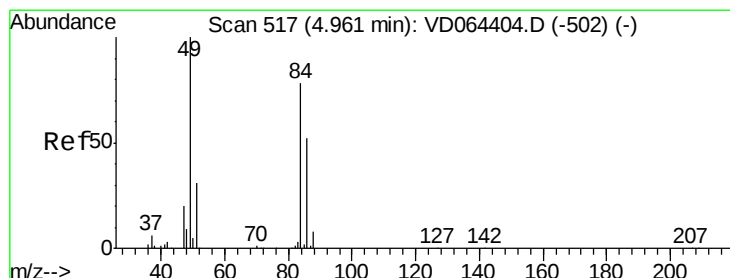
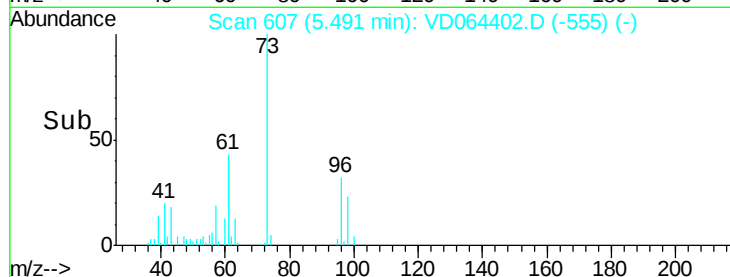
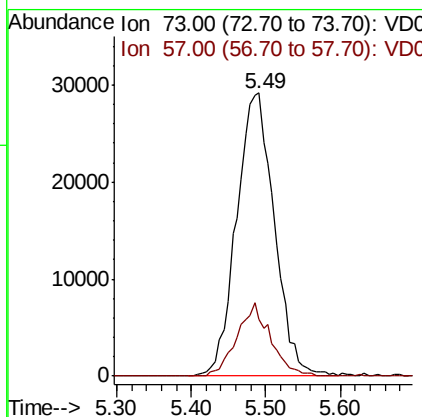
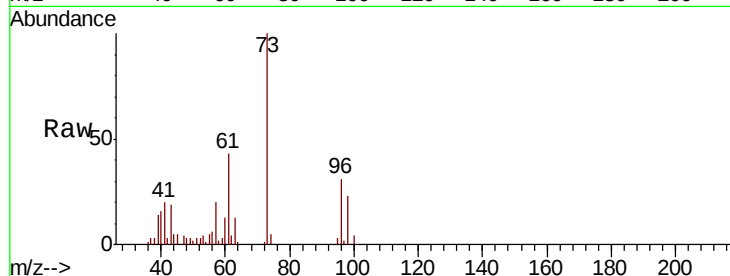
Methyl tert-butyl Ether
 Concen: 11.101 ug/l
 RT: 5.49 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.6	26.4

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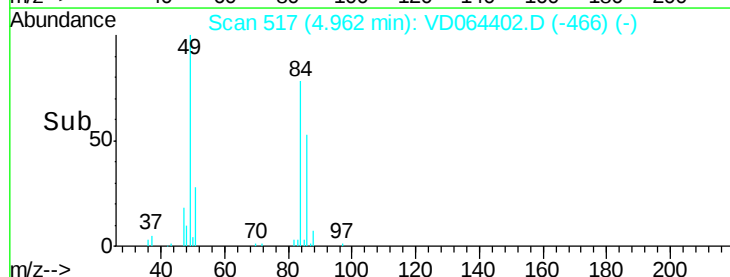
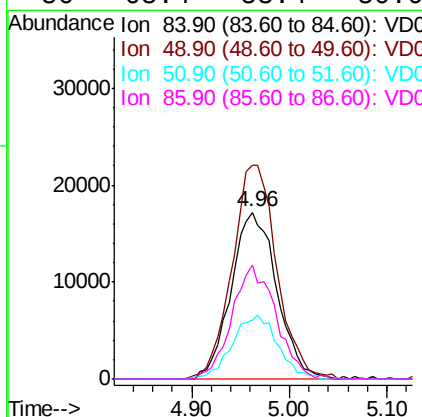
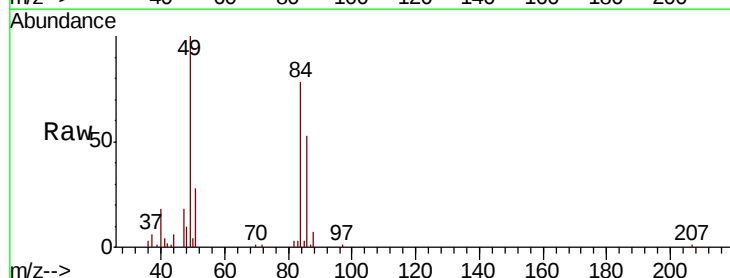
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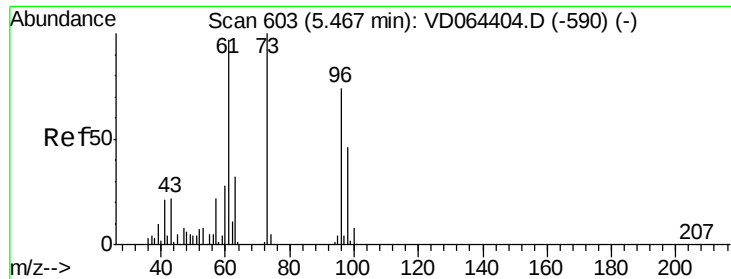


#20

Methylene Chloride
 Concen: 12.306 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.0	102.6	153.8
51	35.6	32.0	48.0
86	68.4	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 11.791 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

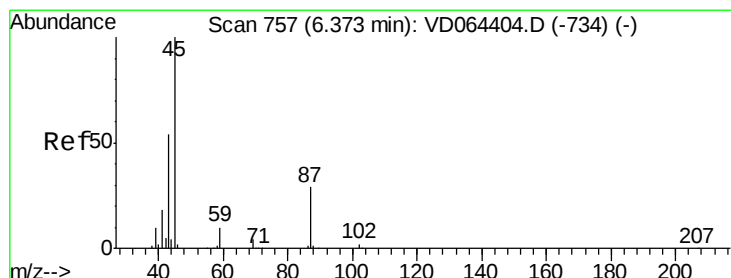
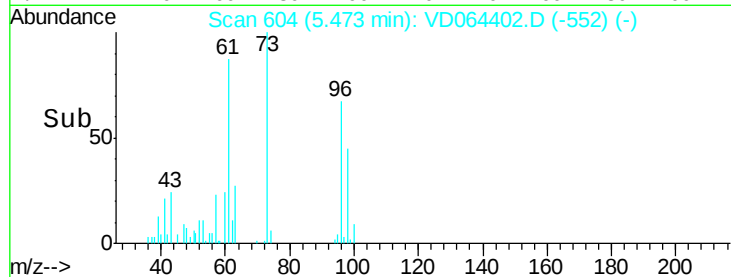
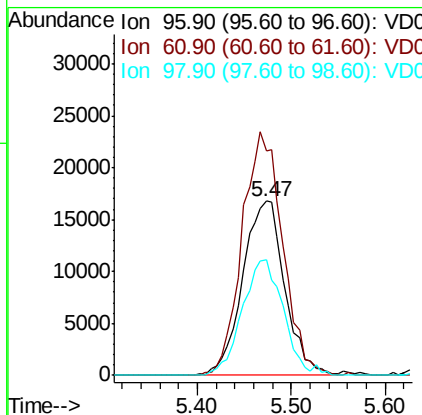
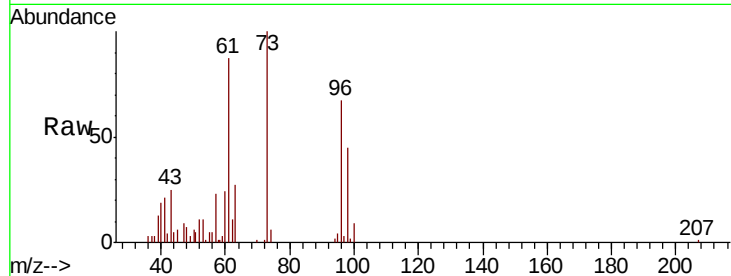
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	51960
Ion	Ratio	Lower	Upper
96	100		
61	129.1	105.8	158.6
98	66.4	50.1	75.1

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#22

Diisopropyl ether

Concen: 10.882 ug/l

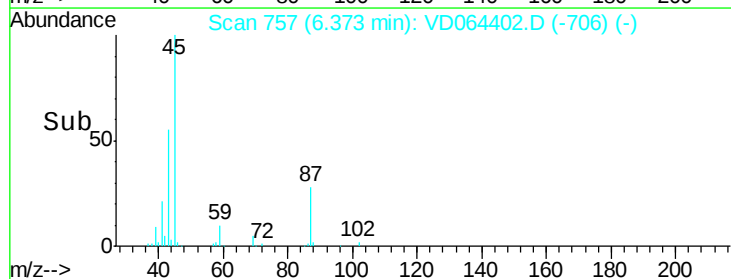
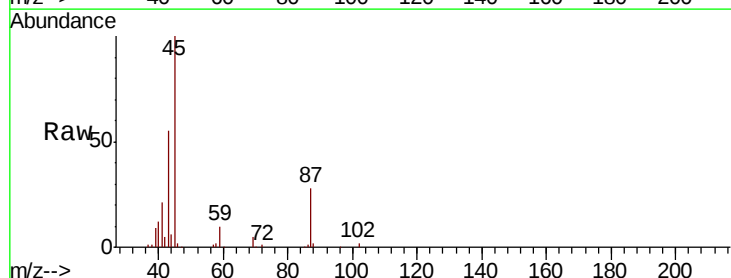
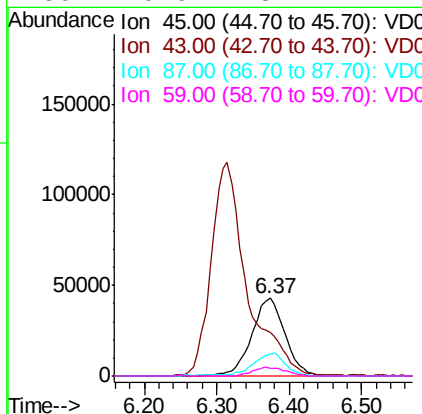
RT: 6.37 min Scan# 757

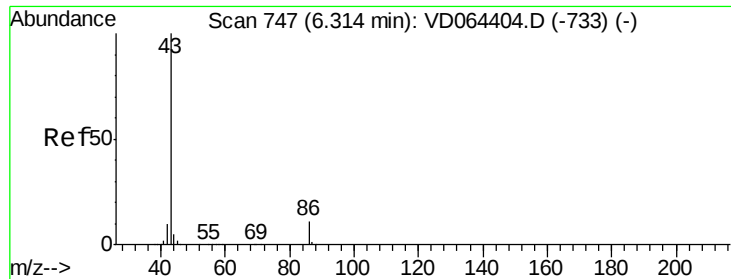
Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Tgt Ion:	45	Resp:	137581
Ion	Ratio	Lower	Upper
45	100		
43	54.4	43.1	64.7
87	28.0	23.5	35.3
59	9.9	8.2	12.2





#23

Vinyl Acetate

Concen: 56.915 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 404377

Ion Ratio Lower Upper

43 100

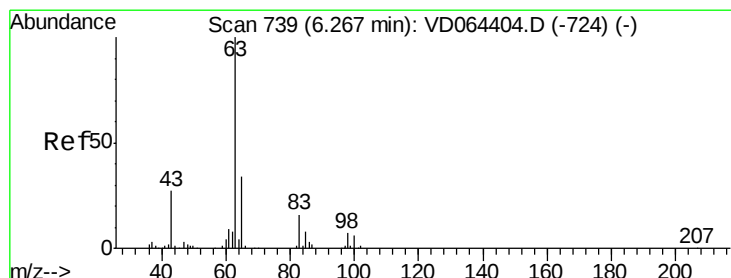
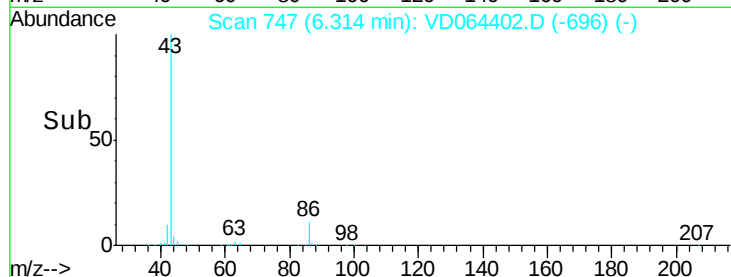
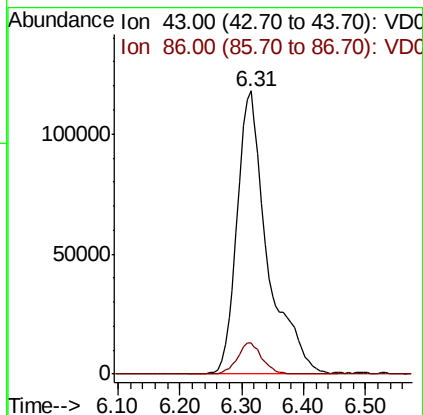
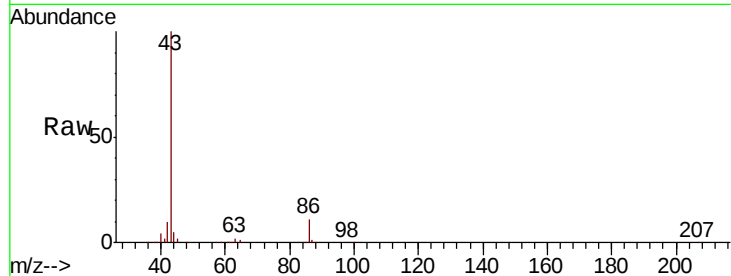
86 11.1 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 11.497 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

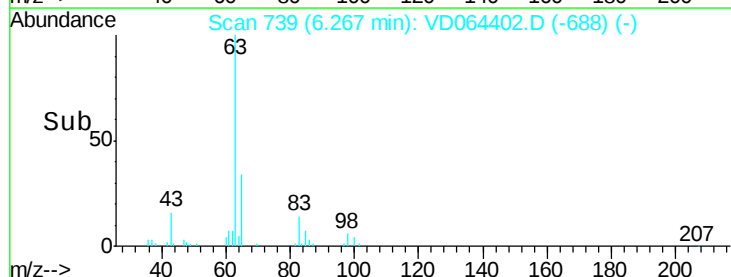
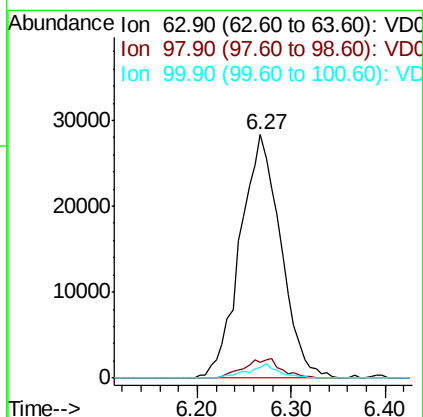
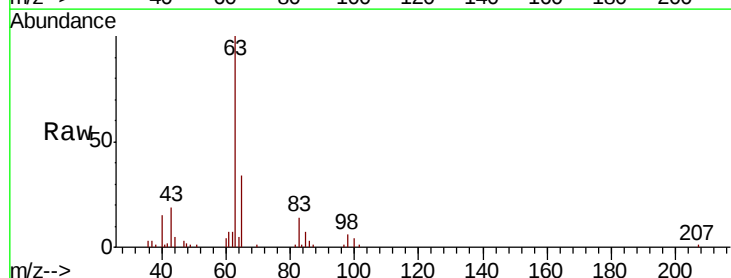
Tgt Ion: 63 Resp: 84780

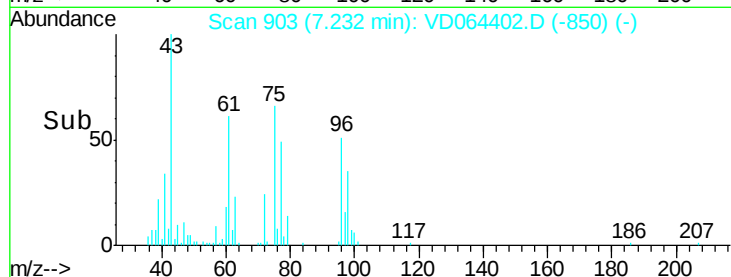
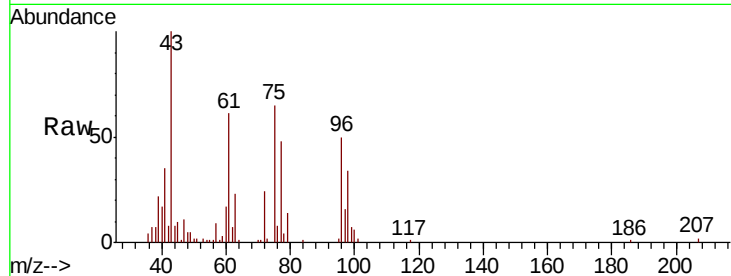
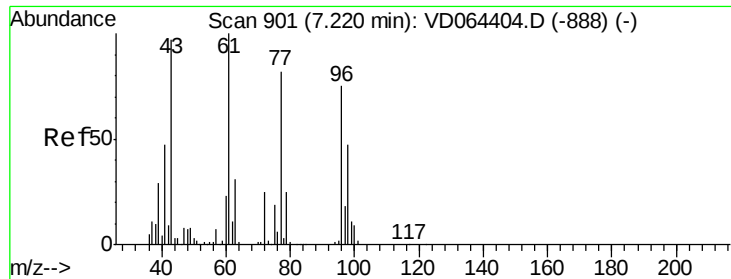
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.9

100 4.3 2.9 8.6





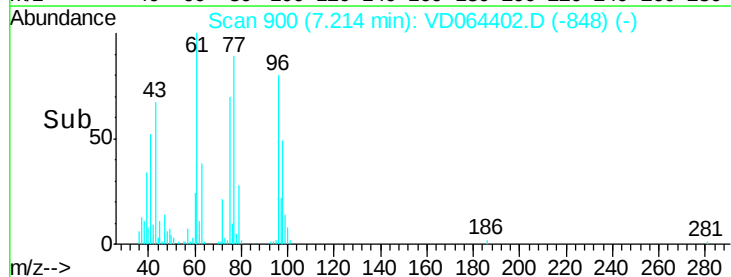
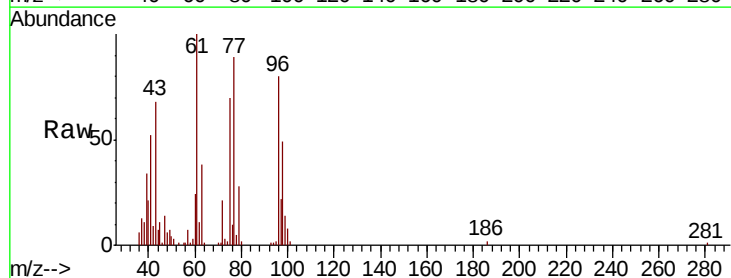
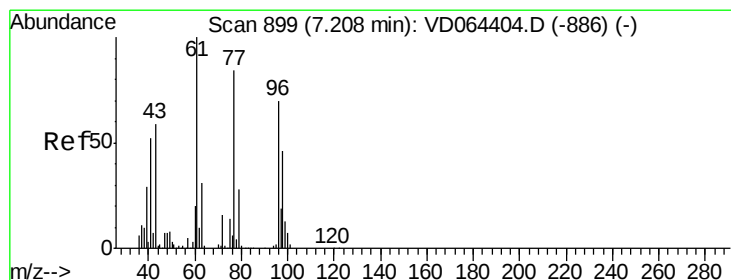
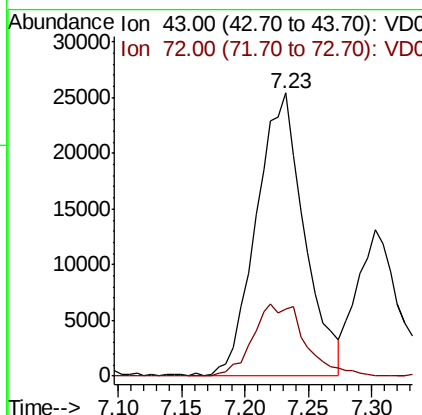
#25
2-Butanone
Concen: 57.915 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tot Ion: 43 Resp: 67149
Ion Ratio Lower Upper
43 100
72 23.6 21.0 31.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

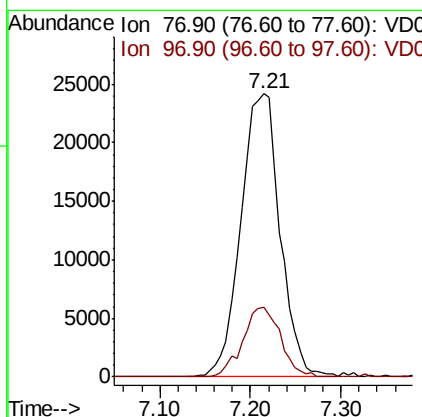
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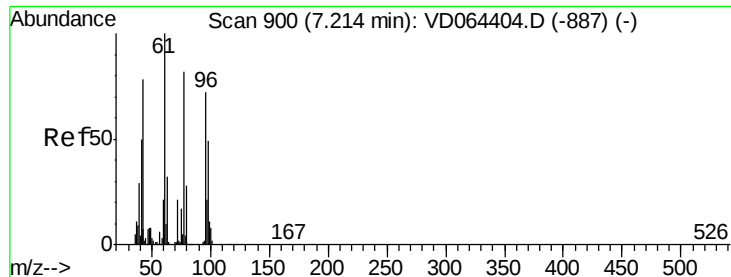
apatel
12/2/2019 10:56:31 AM



#26
2,2-Dichloropropane
Concen: 10.244 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion: 77 Resp: 72651
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.7





#27

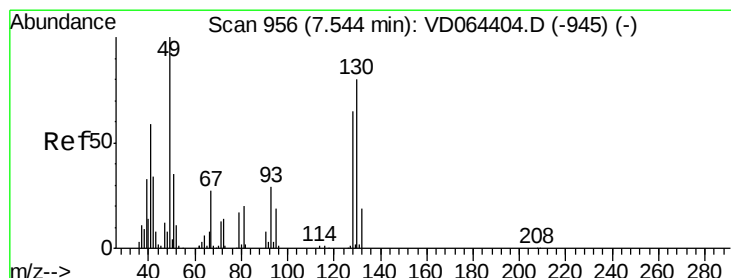
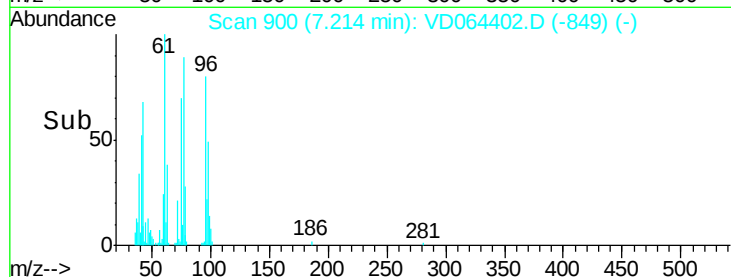
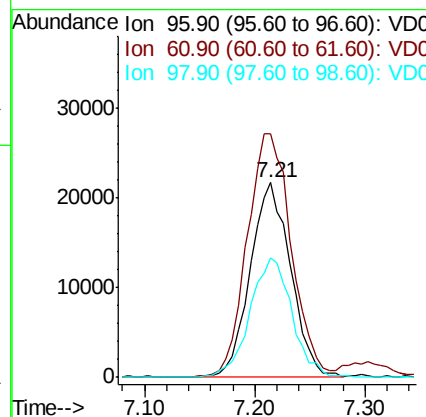
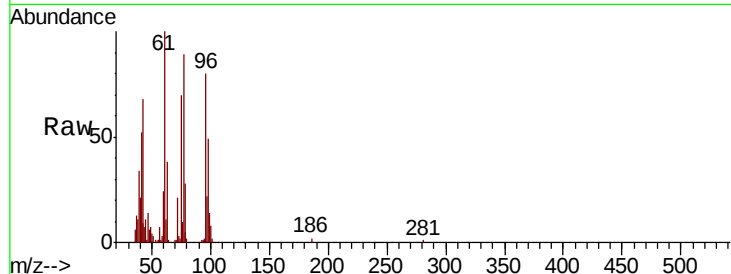
cis-1,2-Dichloroethene
Concen: 11.757 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	279.6
98	63.6	0.0	129.2

Manual Integrations
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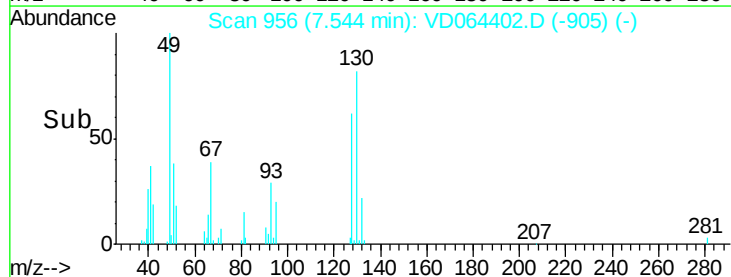
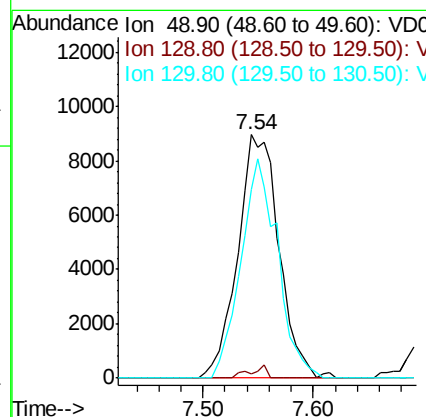
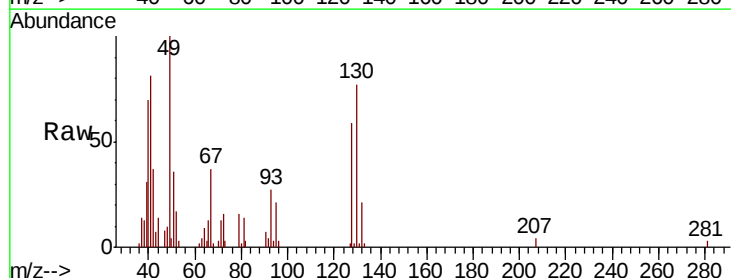
apatel
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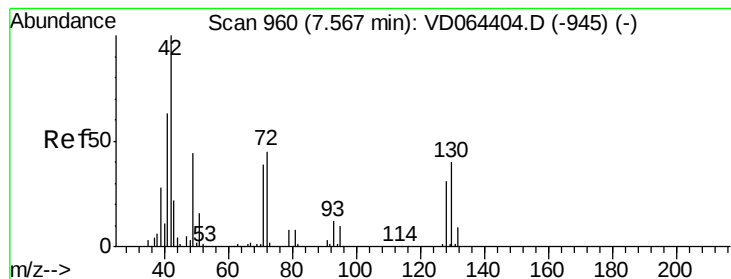


#28

Bromochloromethane
Concen: 9.155 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	80.6	67.4	101.0





#29

Tetrahydrofuran

Concen: 62.469 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.01 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

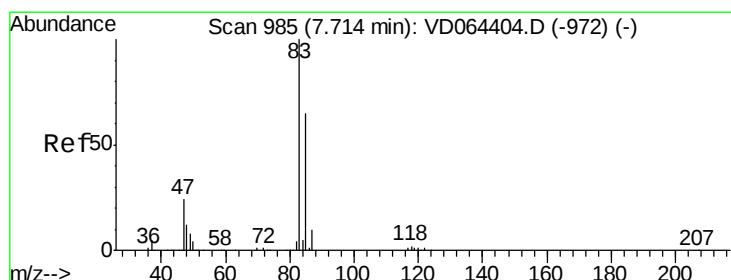
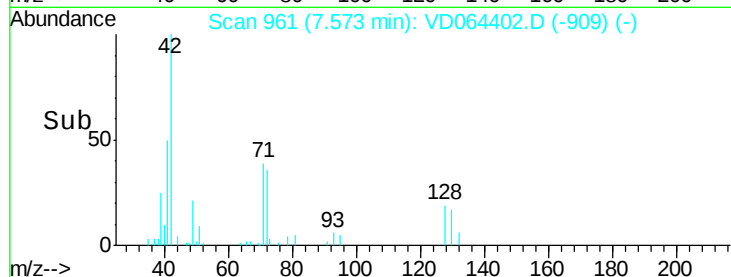
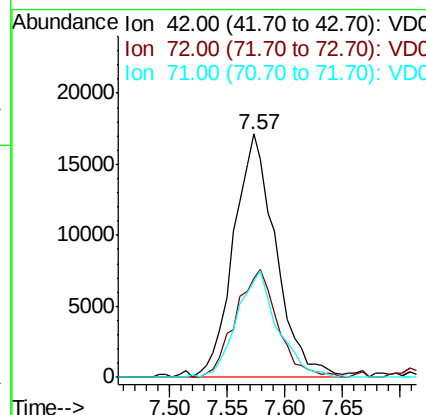
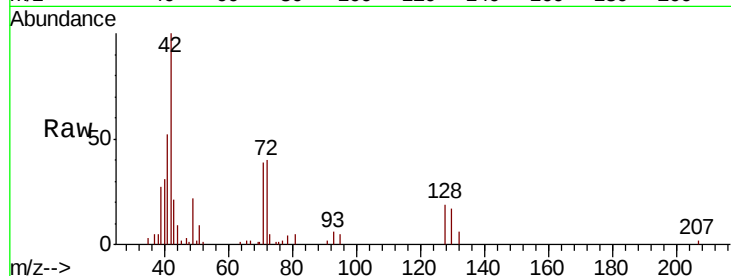
ClientSampleID :

VSTDIC010

Tot Ion:	42	Resp:	43683
Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.8	53.8
71	41.9	32.7	49.1

Manual Integrations
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#30

Chloroform

Concen: 11.468 ug/l

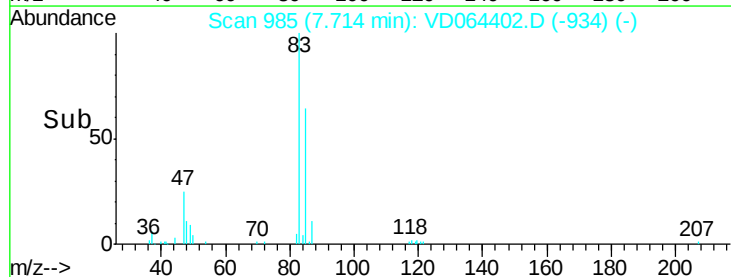
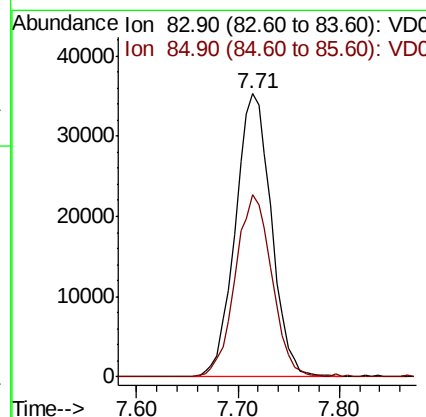
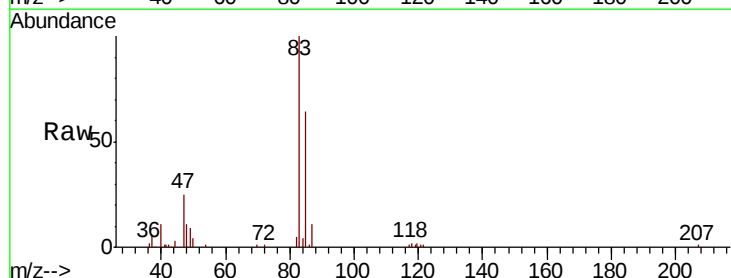
RT: 7.71 min Scan# 985

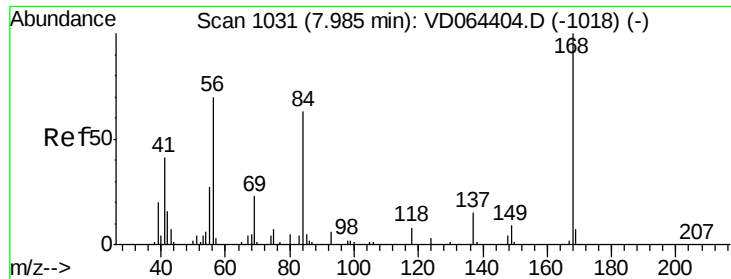
Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Tgt Ion:	83	Resp:	86769
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.6





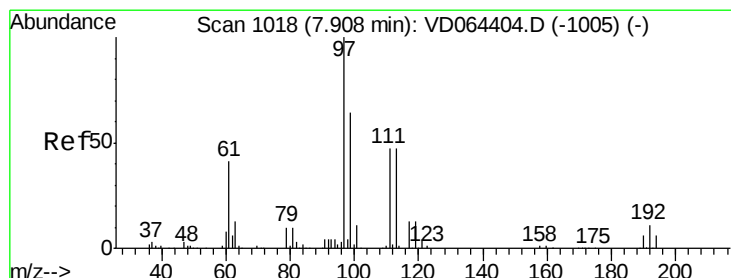
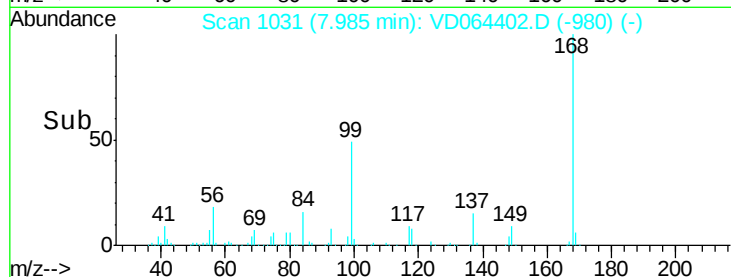
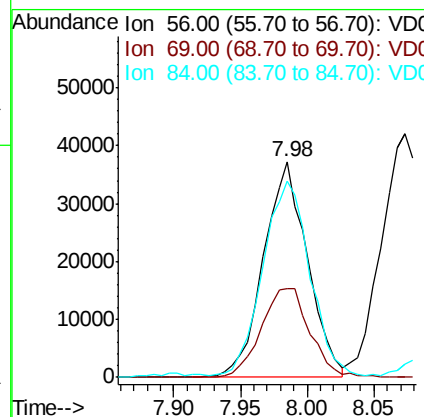
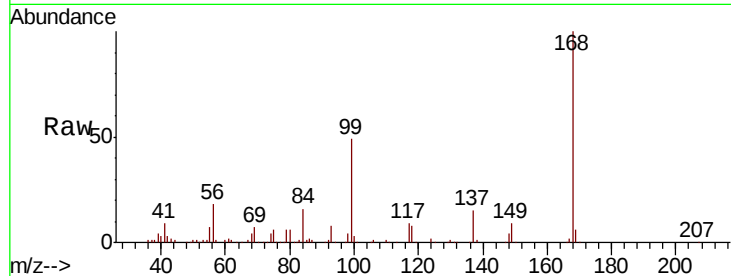
#31
Cyclohexane
Concen: 11.458 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 56 Resp: 84785
Ion Ratio Lower Upper
56 100
69 41.4 26.2 39.4#
84 89.5 70.3 105.5

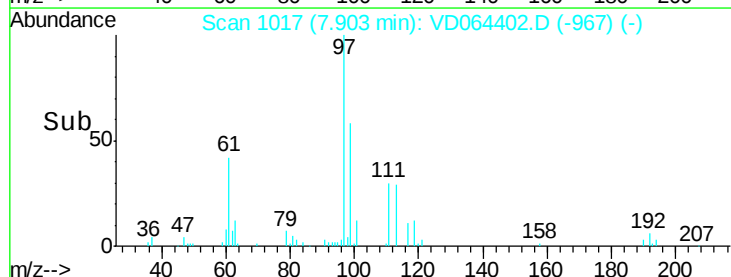
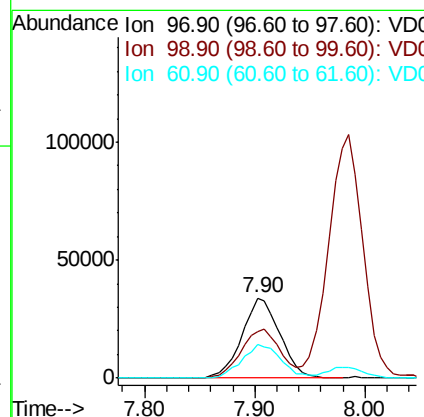
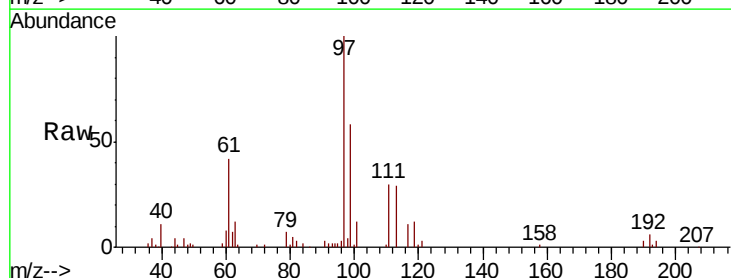
Manual Integrations
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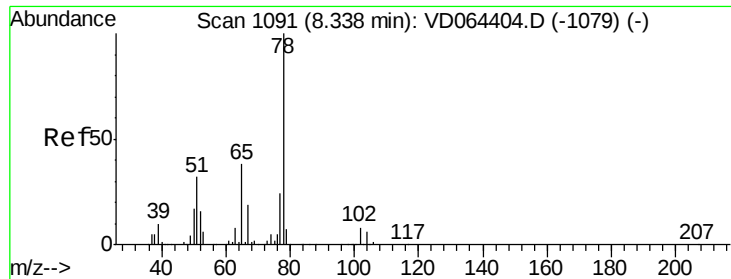
apatel
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#32
1,1,1-Trichloroethane
Concen: 11.407 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion: 97 Resp: 82177
Ion Ratio Lower Upper
97 100
99 62.4 51.4 77.2
61 43.7 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 11.659 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 43941

Ion Ratio Lower Upper

65 100

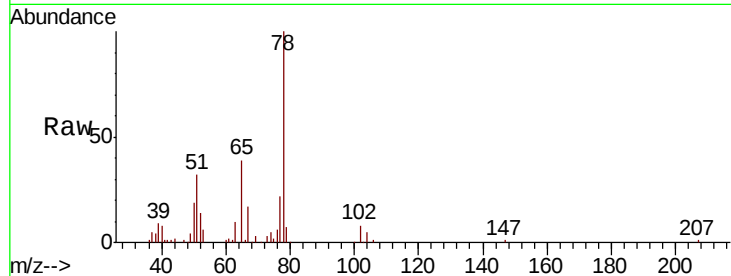
67 52.7 0.0 102.0

Manual Integrations

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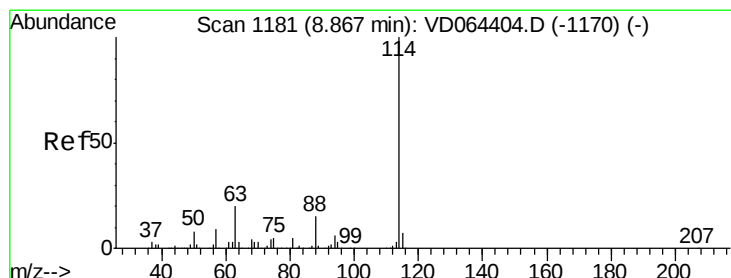
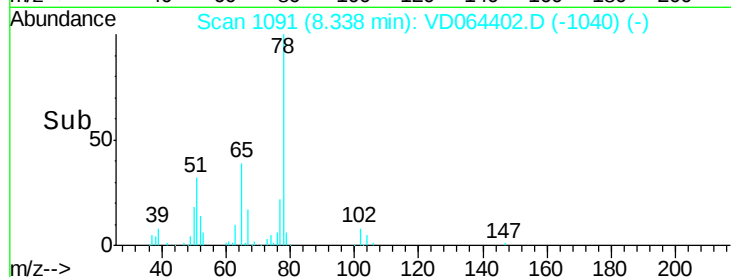
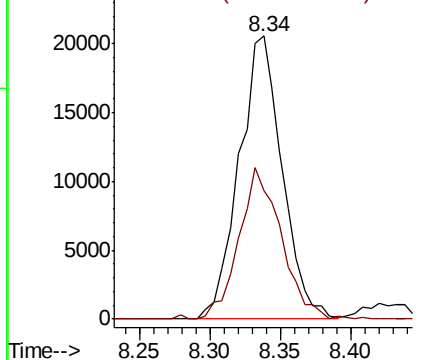
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

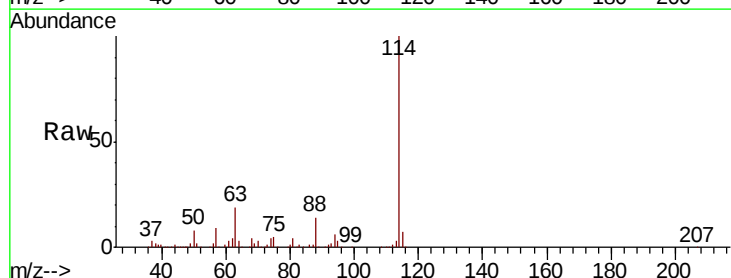
Tgt Ion: 114 Resp: 665256

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

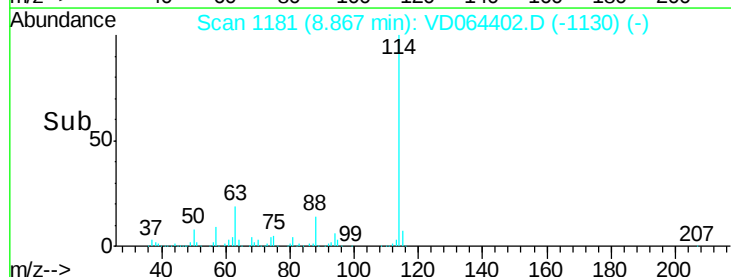
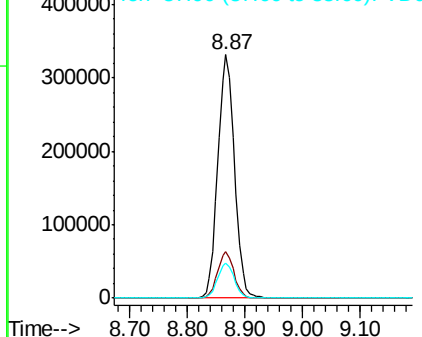
88 14.1 0.0 29.2

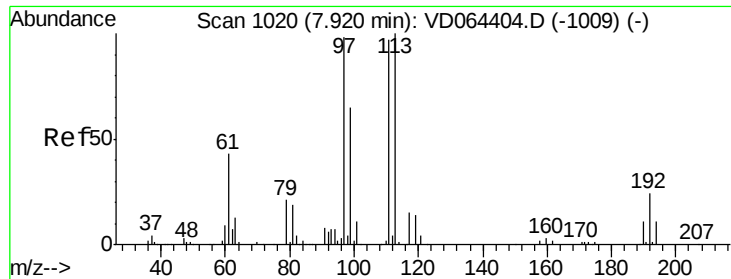


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





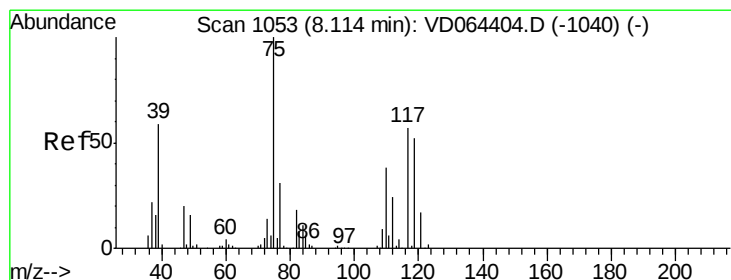
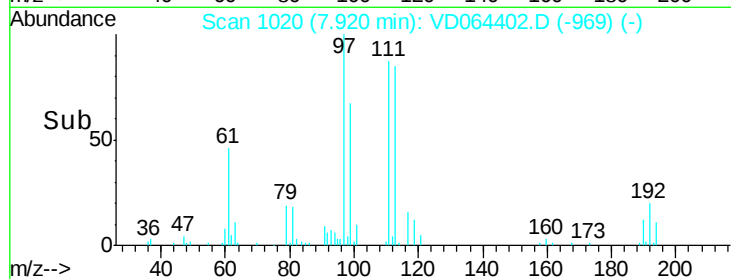
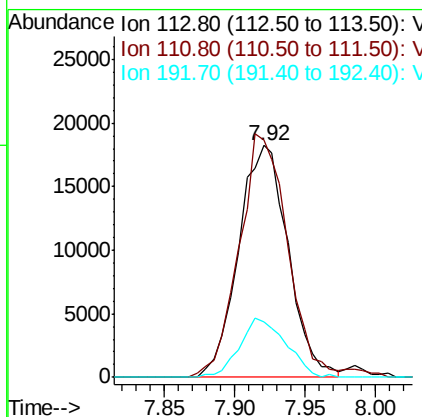
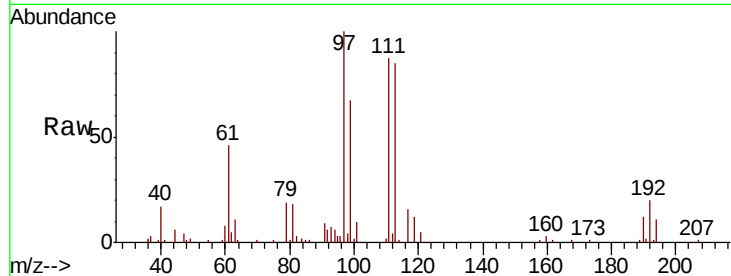
#35
 Dibromofluoromethane
 Concen: 11.745 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	79.4	119.2
192	23.8	18.6	28.0

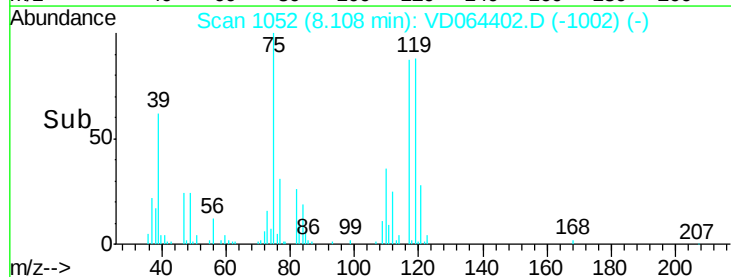
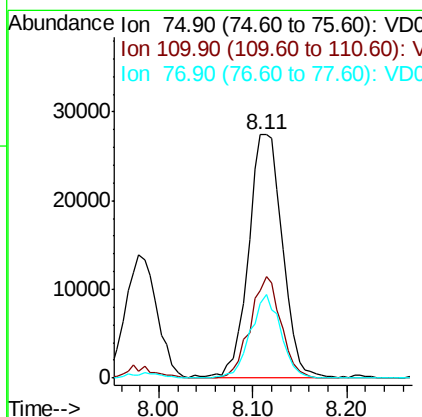
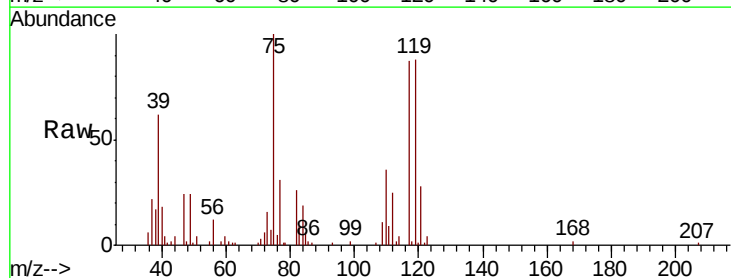
Manual Integrations
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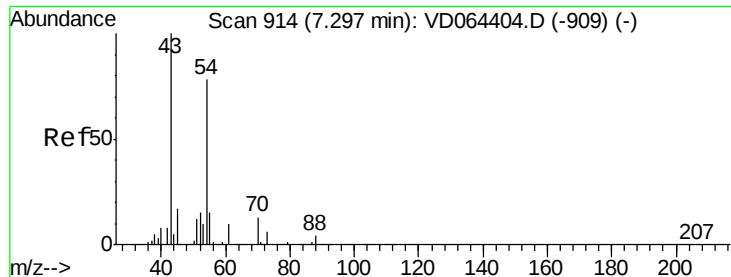
apatel
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#36
 1,1-Dichloropropene
 Concen: 11.283 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.6	55.8
77	30.6	25.0	37.4





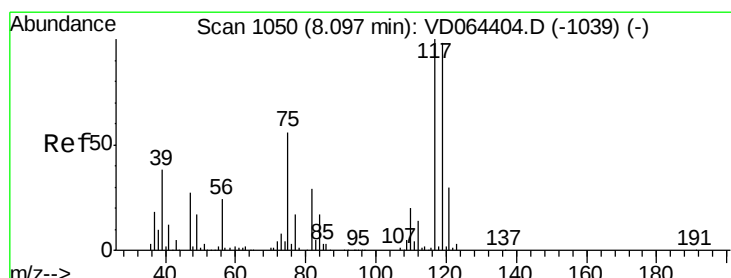
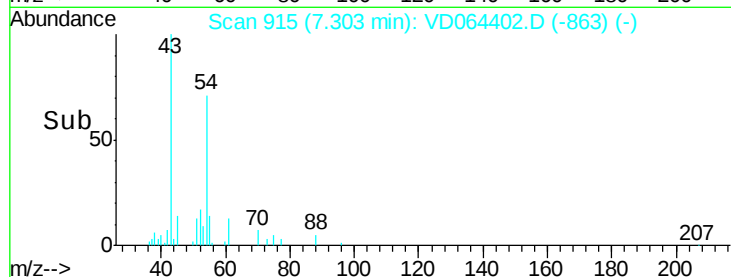
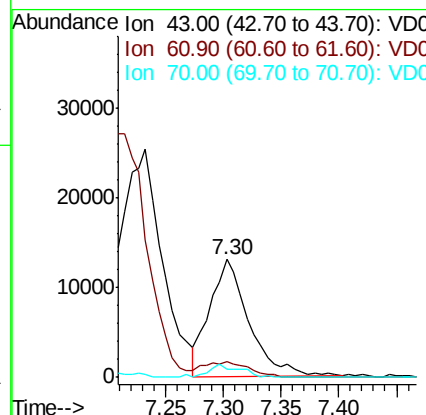
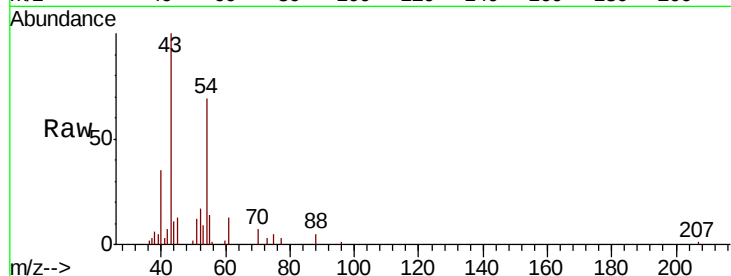
#37
Ethyl Acetate
Concen: 11.814 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	10.9	16.3
70	9.0	8.3	12.5

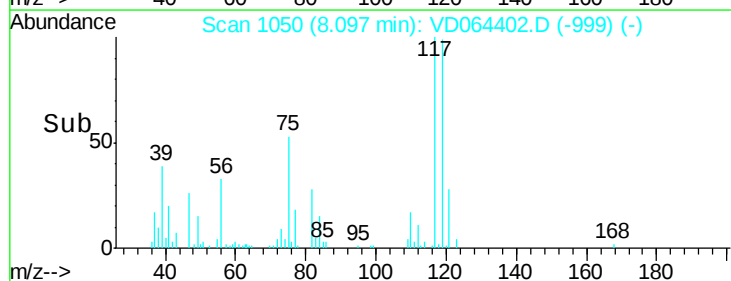
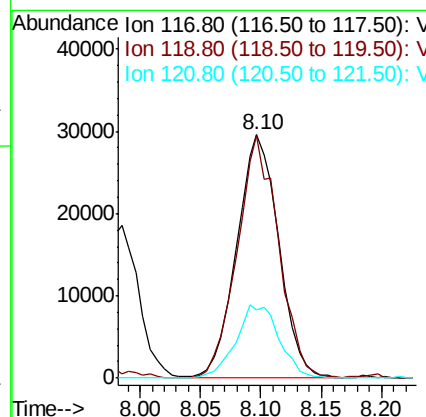
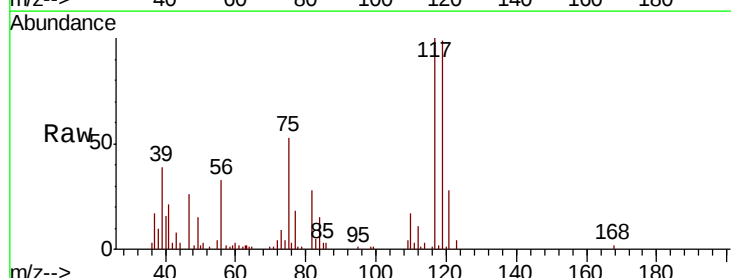
Manual Integrations
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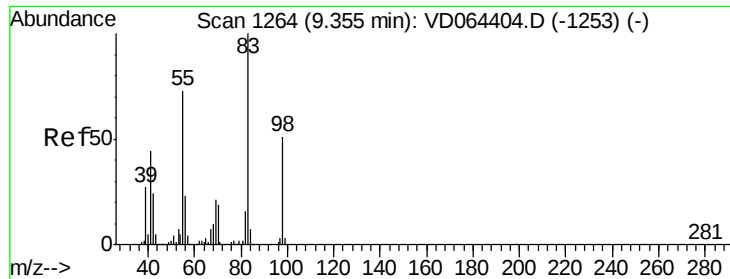
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#38
Carbon Tetrachloride
Concen: 10.935 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	78.8	118.2
121	27.8	24.2	36.2





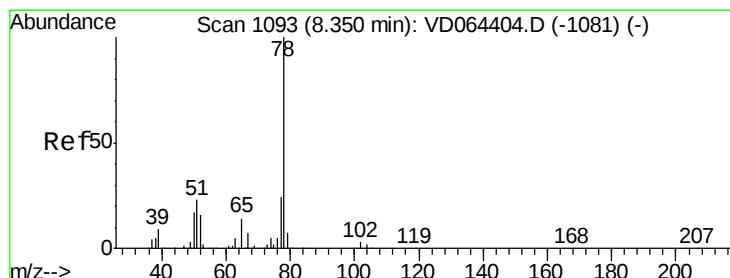
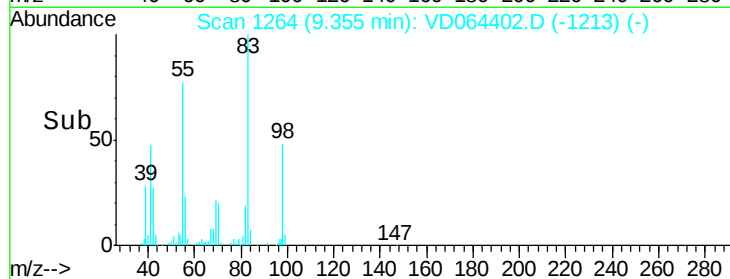
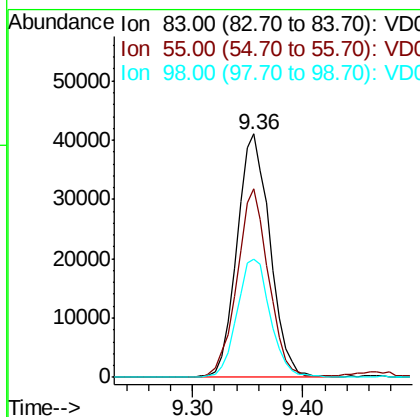
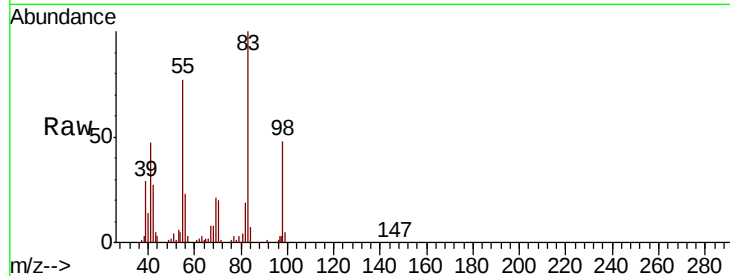
#39
Methvlcvclohexane
Concen: 11.112 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

Tot Ion	83.00	Resp	86191
Ion Ratio	Lower	Upper	
83	100		
55	77.3	58.6	87.8
98	48.5	40.9	61.3

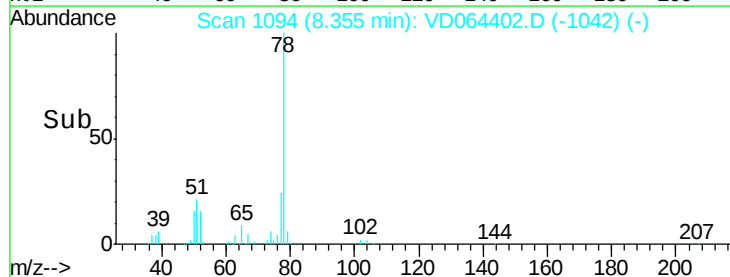
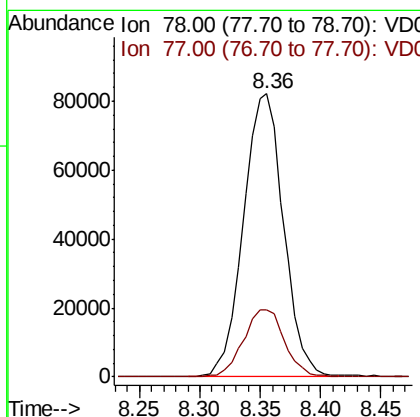
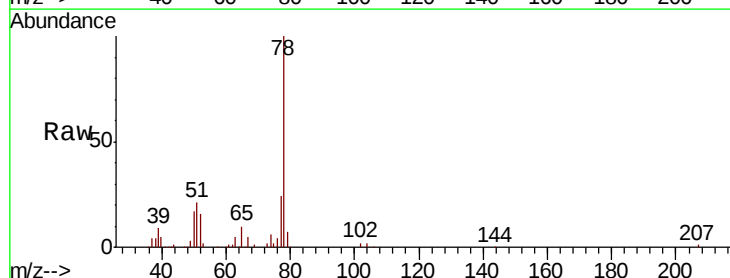
Manual Integrations
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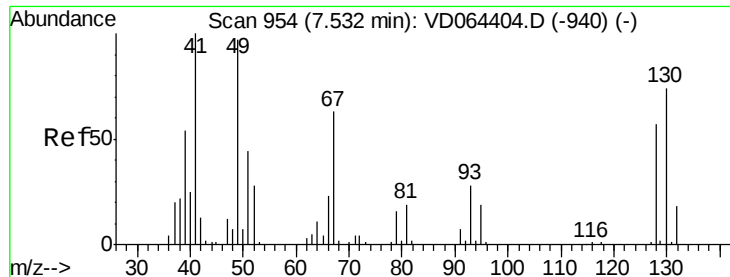
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#40
Benzene
Concen: 11.324 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	78.00	Resp	190058
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.6	29.4





#41

Methacrylonitrile

Concen: 8.729 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

ClientSampleID :

VSTDIC010

Tot Ion: 41 Resp: 14189

Ion Ratio Lower Upper

41 100

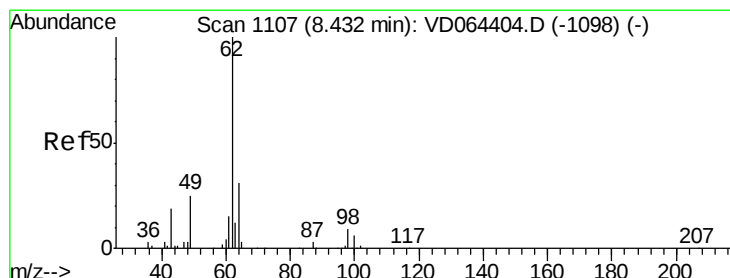
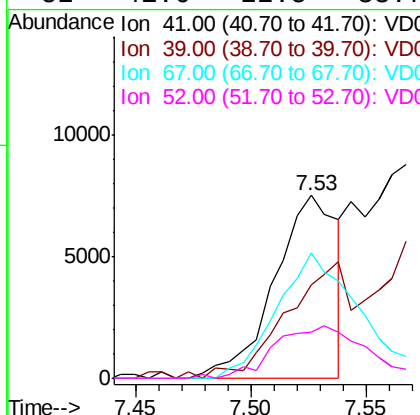
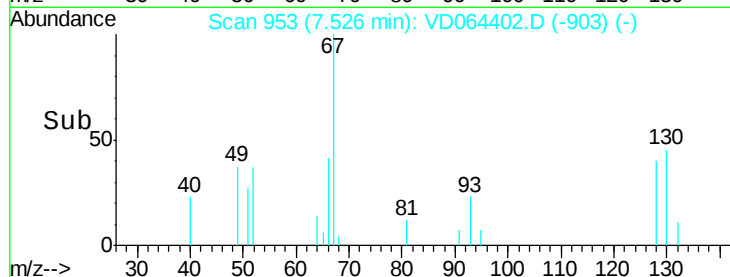
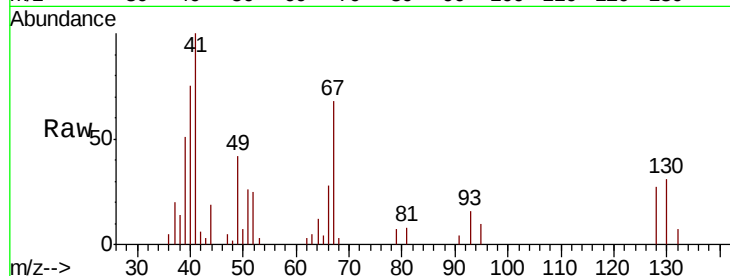
39 71.3 44.6 67.0#

67 88.8 50.9 76.3#

52 41.6 22.5 33.7#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 11.353 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD064402.D

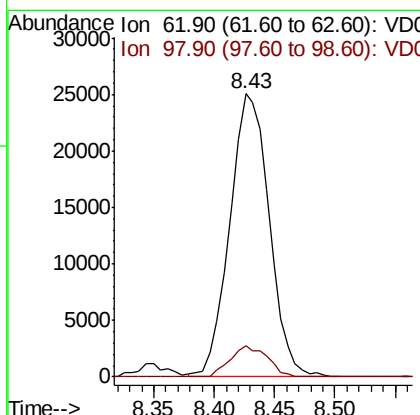
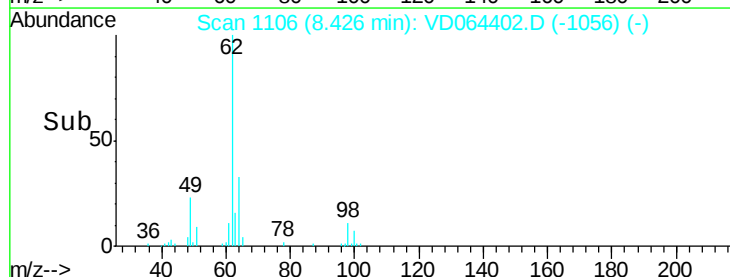
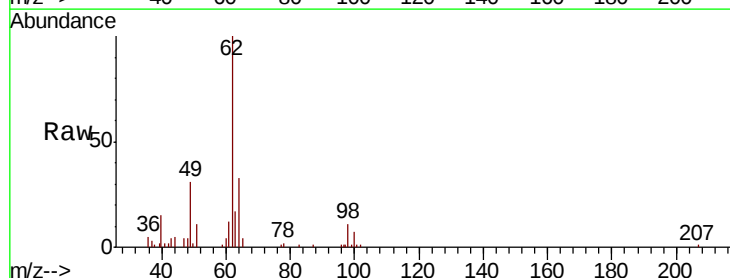
Acq: 27 Nov 2019 18:22

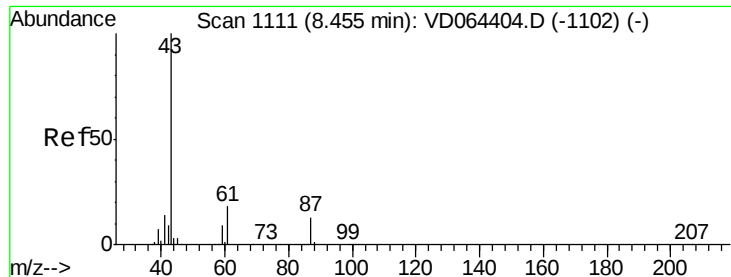
Tgt Ion: 62 Resp: 57006

Ion Ratio Lower Upper

62 100

98 10.4 0.0 20.6





#43

Isopropyl Acetate

Concen: 10.947 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

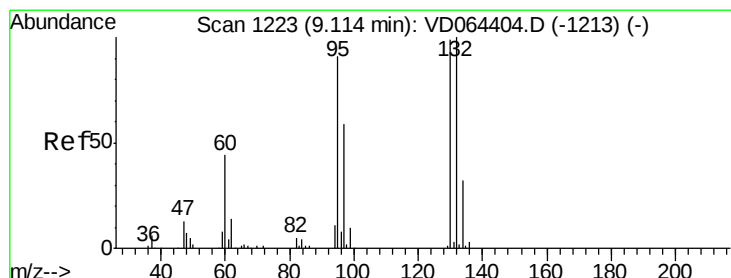
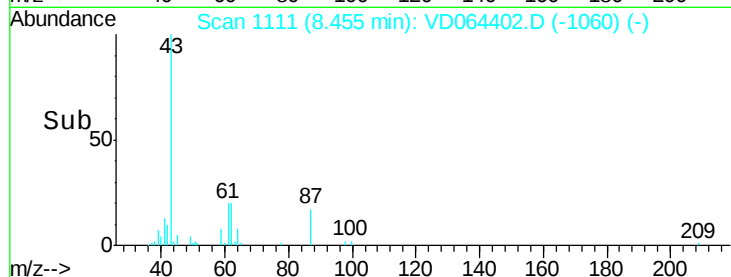
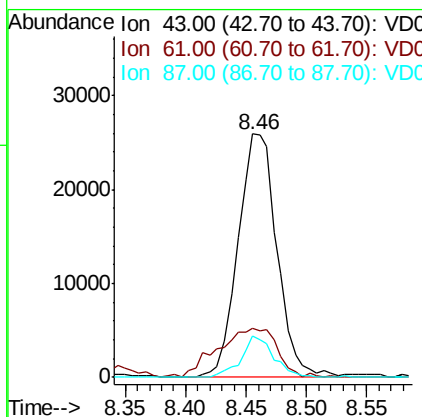
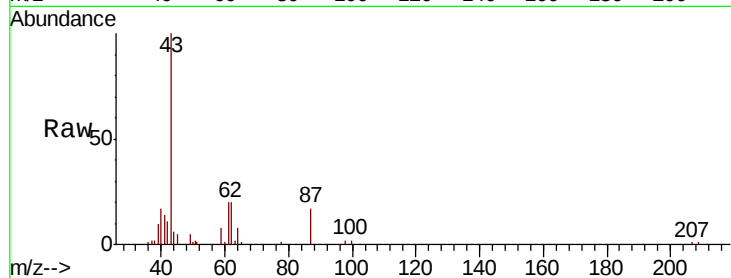
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	58100
Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.0	36.0
87	14.1	10.6	15.8

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#44

Trichloroethene

Concen: 11.776 ug/l

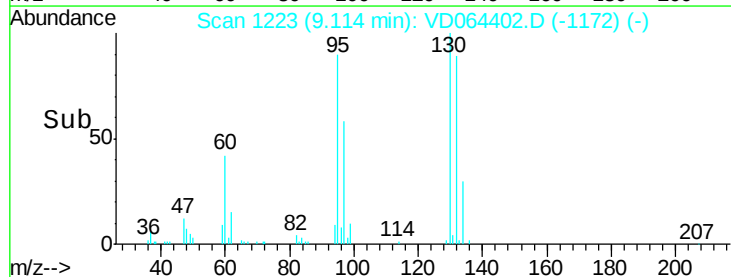
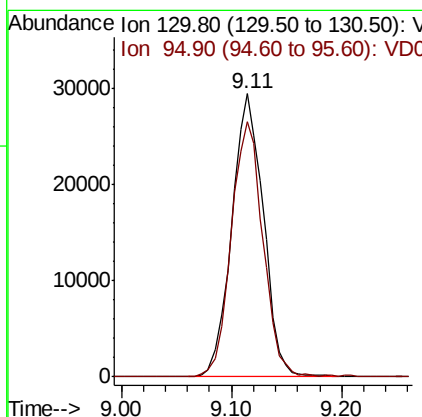
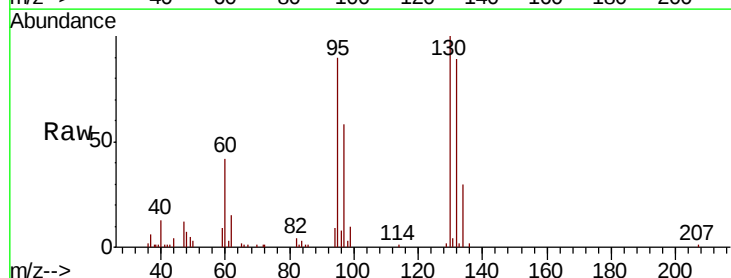
RT: 9.11 min Scan# 1223

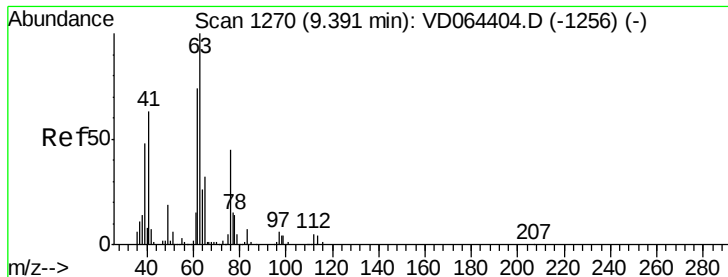
Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Tgt Ion:	130	Resp:	59144
Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	184.6





#45

1,2-Dichloropropane

Concen: 11.004 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 45045

Ion Ratio Lower Upper

63 100

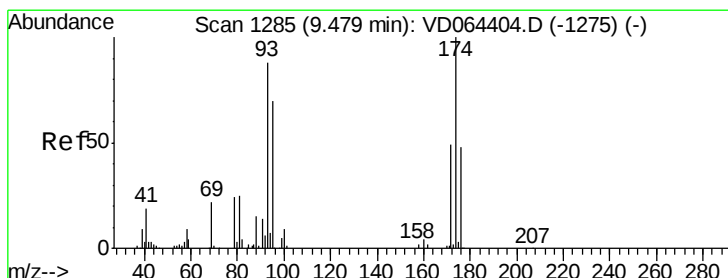
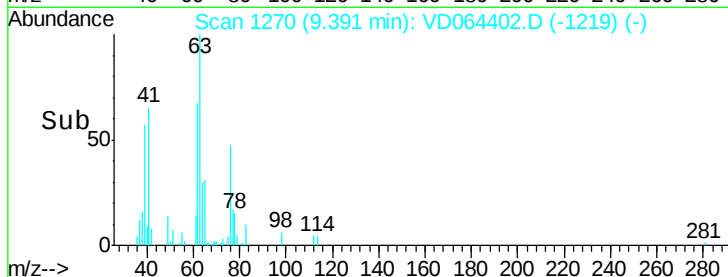
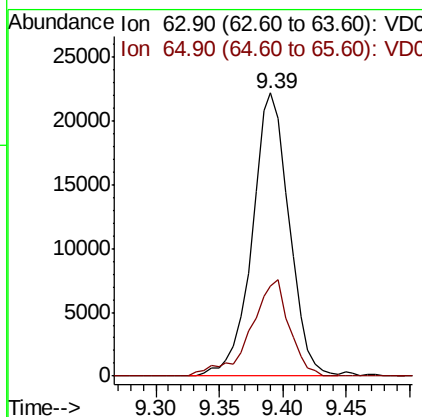
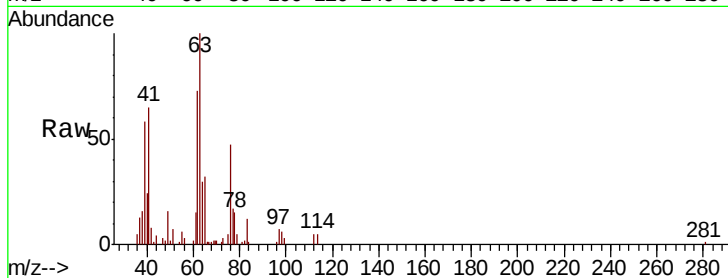
65 32.1 25.4 38.0

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#46

Dibromomethane

Concen: 11.789 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

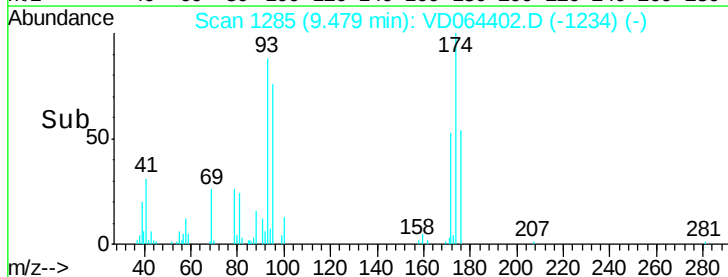
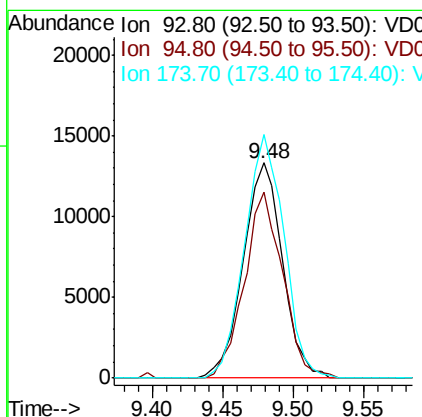
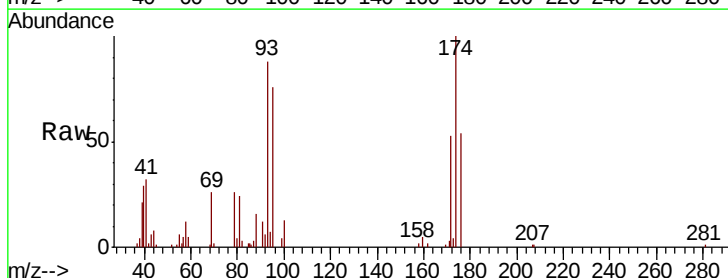
Tgt Ion: 93 Resp: 26027

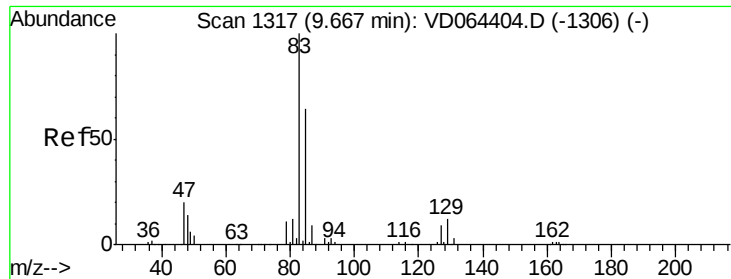
Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

174 113.4 92.3 138.5





#47

Bromodichloromethane

Concen: 11.214 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

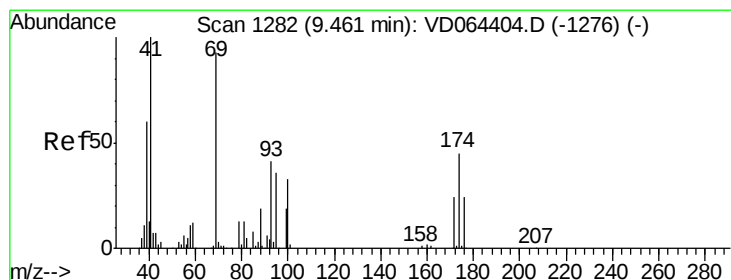
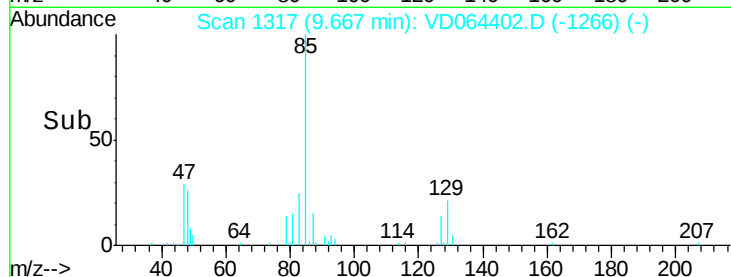
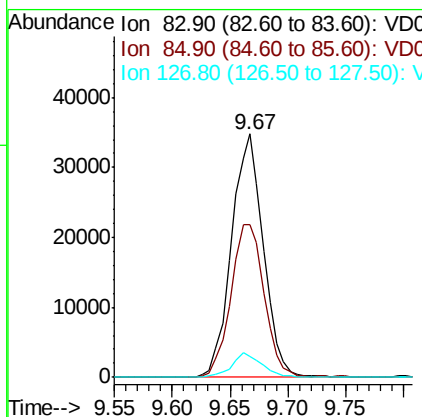
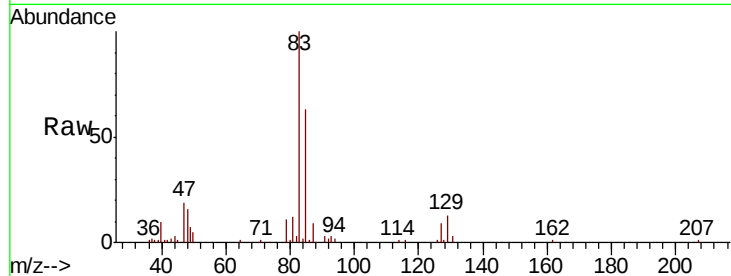
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	66274
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.1	76.7
127	8.7	7.4	11.0

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#48

Methyl methacrylate

Concen: 10.433 ug/l

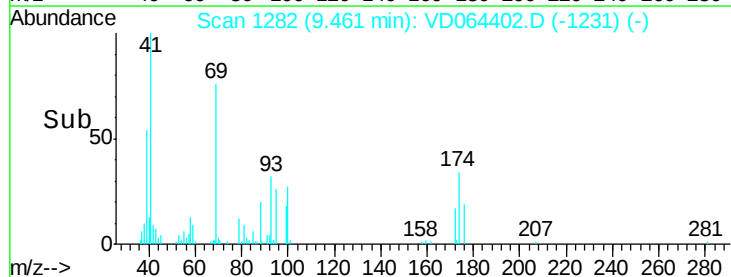
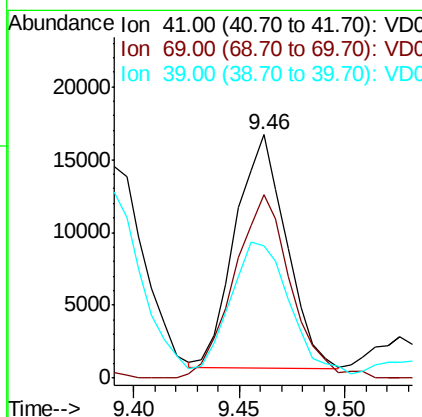
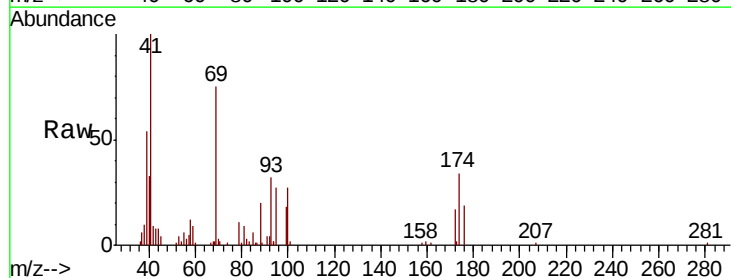
RT: 9.46 min Scan# 1282

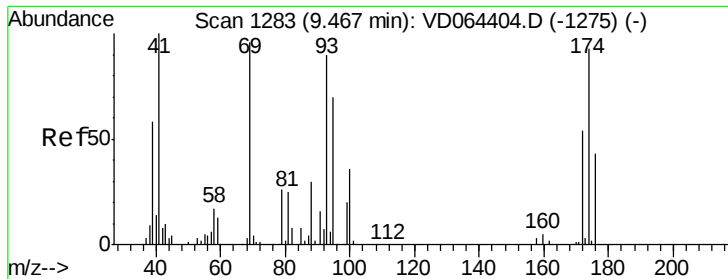
Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Tgt Ion:	41	Resp:	26863
Ion	Ratio	Lower	Upper
41	100		
69	87.7	72.0	108.0
39	69.8	55.2	82.8





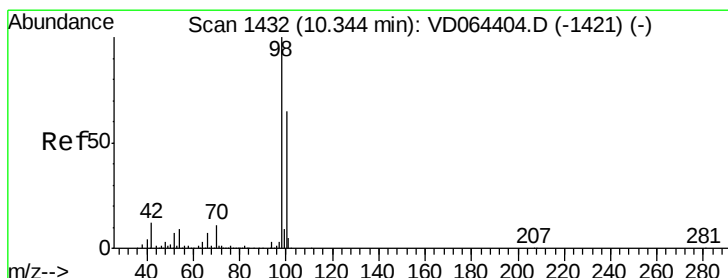
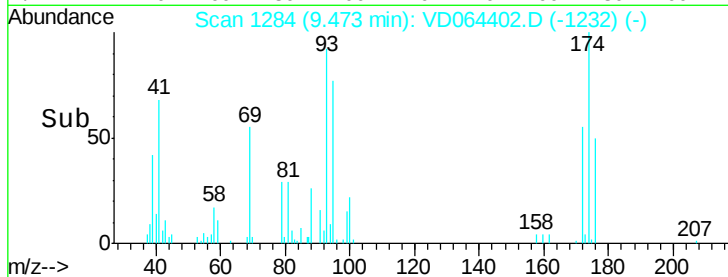
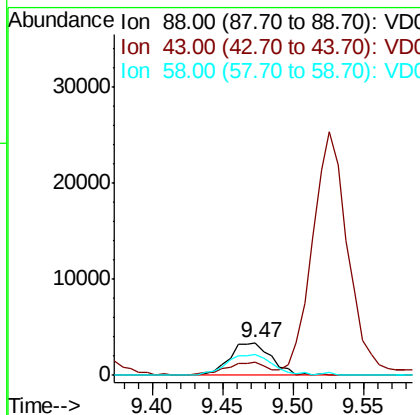
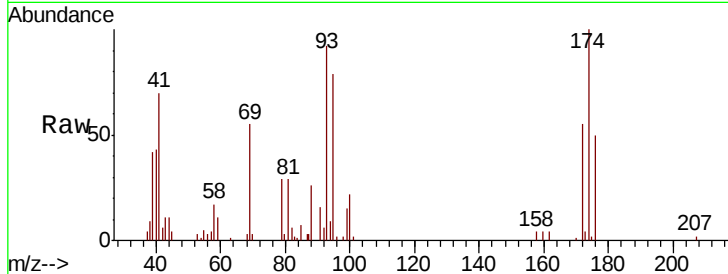
#49
1,4-Dioxane
Concen: 261.607 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 88 Resp: 6946
Ion Ratio Lower Upper
88 100
43 44.0 26.7 40.1#
58 70.6 52.3 78.5

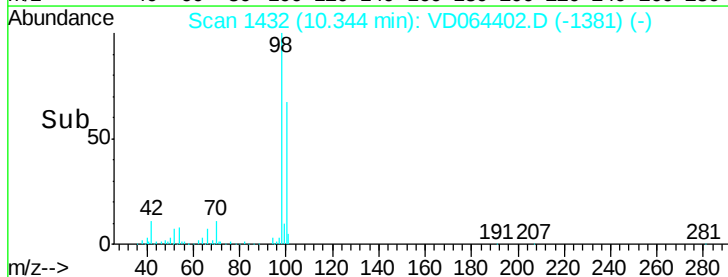
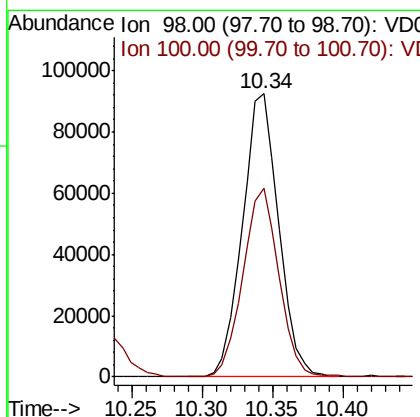
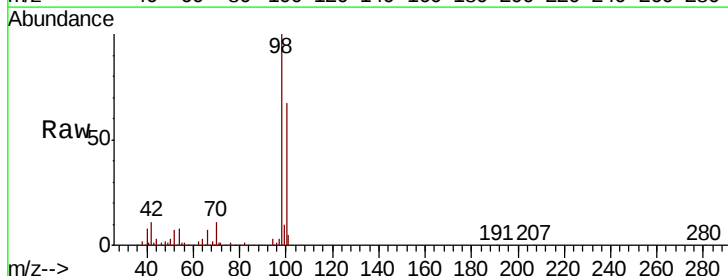
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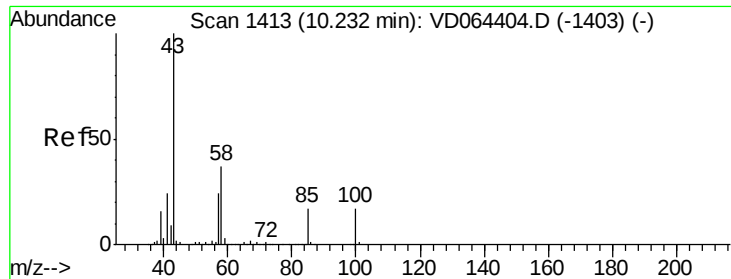
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#50
Toluene-d8
Concen: 11.606 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion: 98 Resp: 166249
Ion Ratio Lower Upper
98 100
100 66.8 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 57.356 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 146737

Ion Ratio Lower Upper

43 100

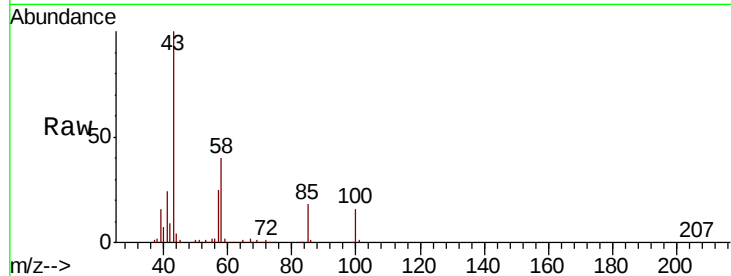
58 38.0 30.6 46.0

Manual Integrations

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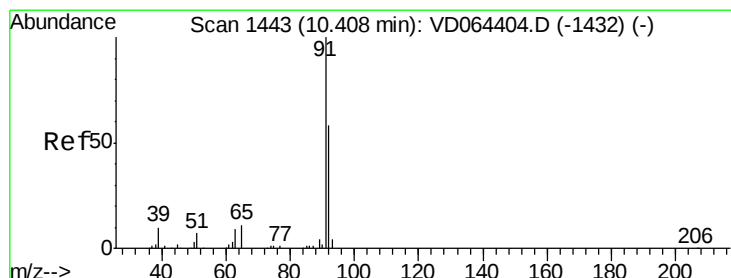
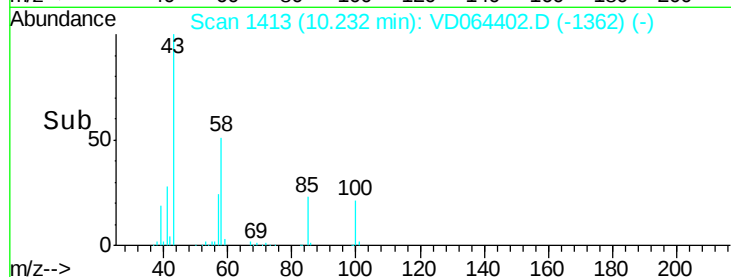
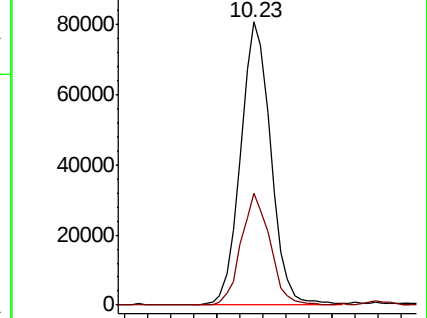
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 11.186 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD064402.D

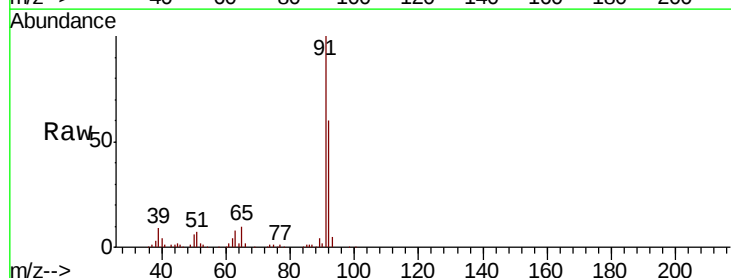
Acq: 27 Nov 2019 18:22

Tgt Ion: 92 Resp: 123165

Ion Ratio Lower Upper

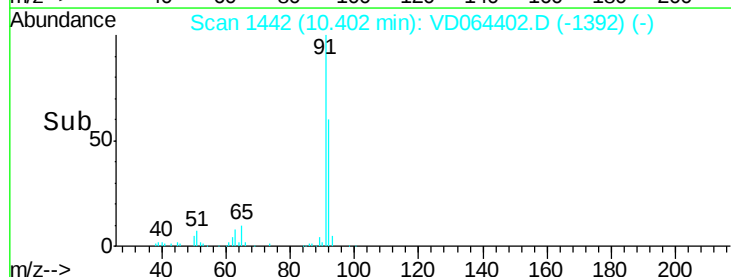
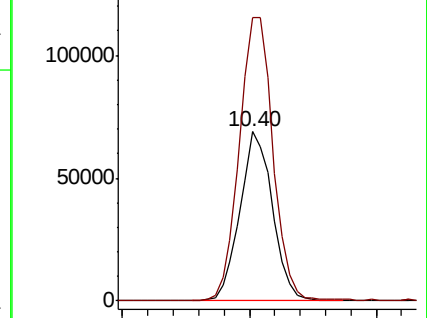
92 100

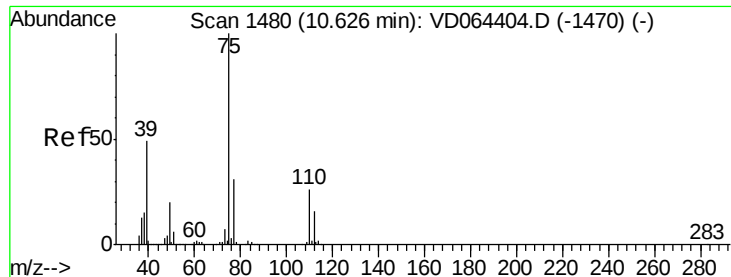
91 173.0 137.8 206.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





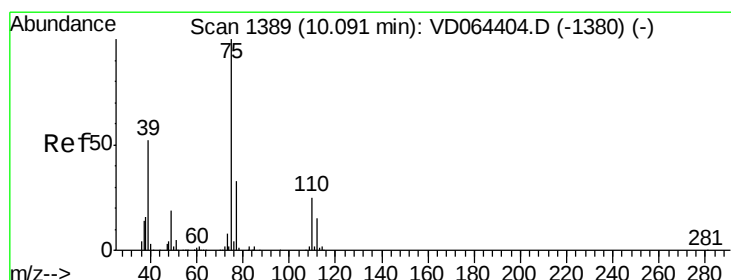
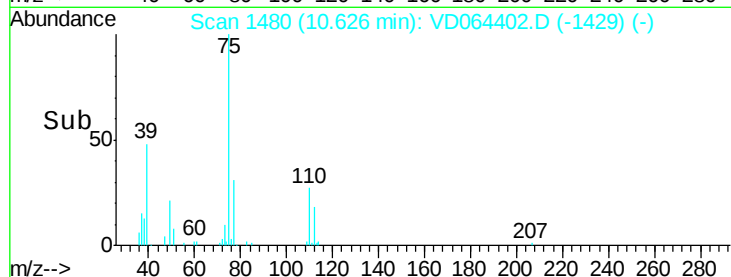
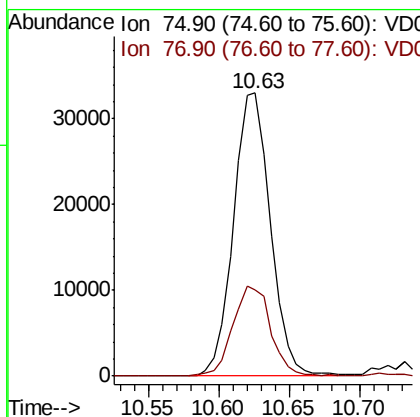
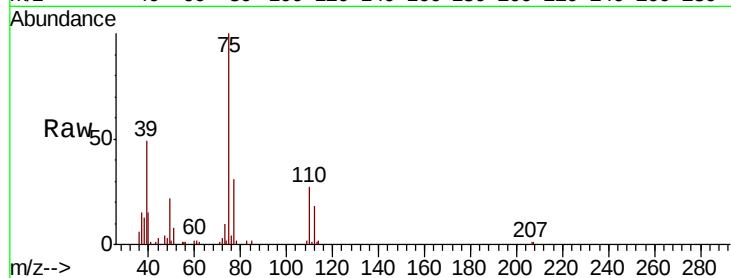
#53
t-1,3-Dichloropropene
Concen: 10.297 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.0	37.4

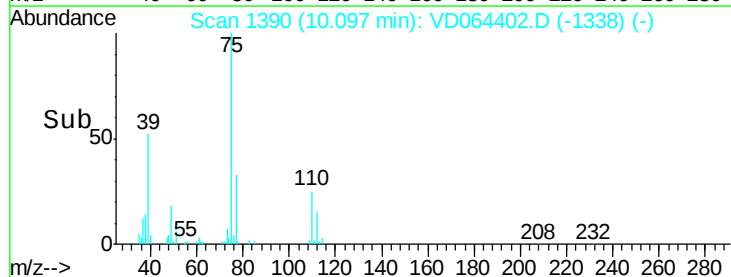
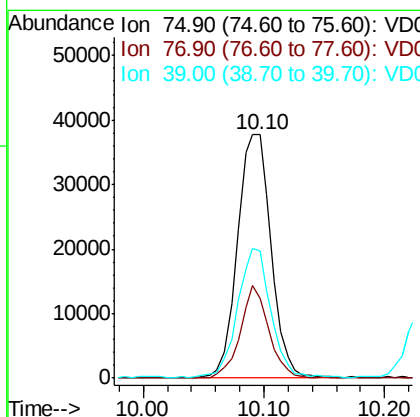
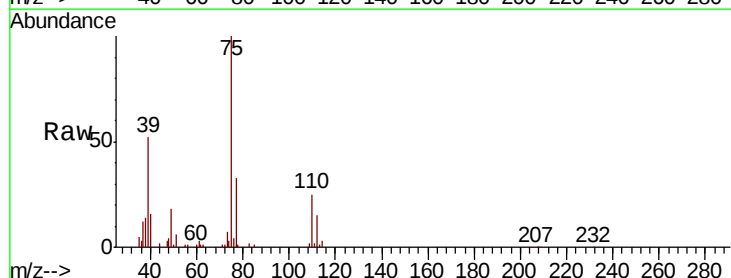
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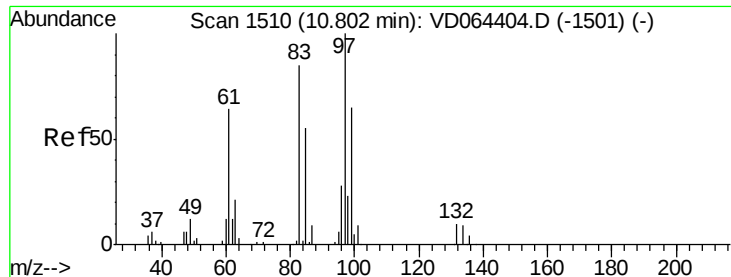
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#54
cis-1,3-Dichloropropene
Concen: 10.674 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.1	39.1
39	52.2	41.5	62.3





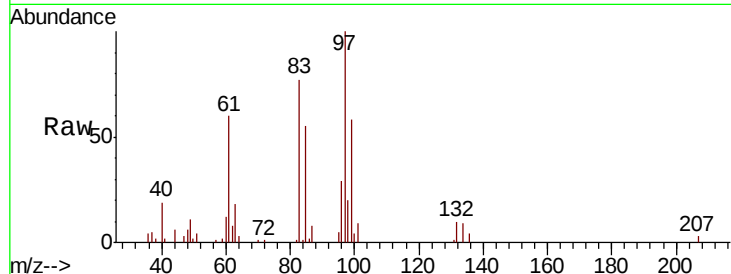
#55
 1,1,2-Trichloroethane
 Concen: 12.094 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

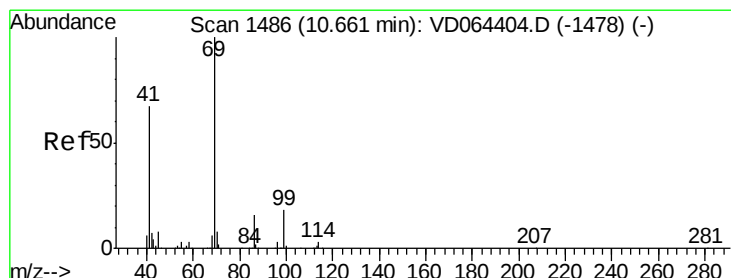
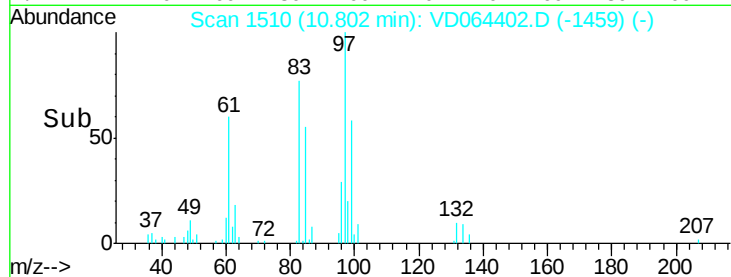
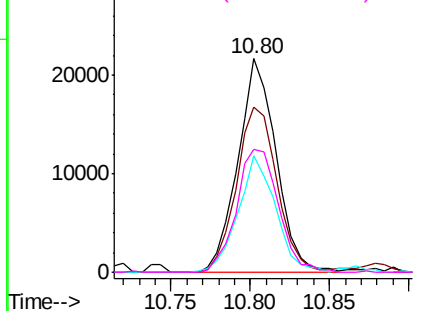
Tot Ion	Ratio	Lower	Upper
97	100		
83	77.1	67.8	101.8
85	54.5	43.7	65.5
99	57.8	51.7	77.5

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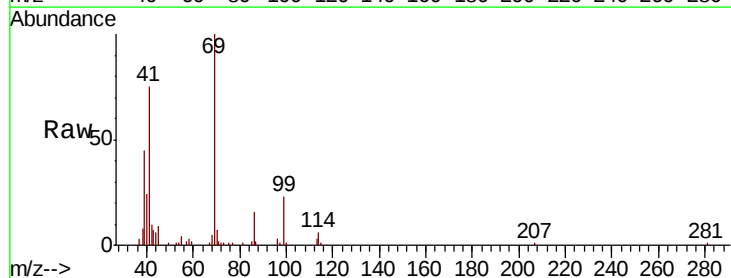


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

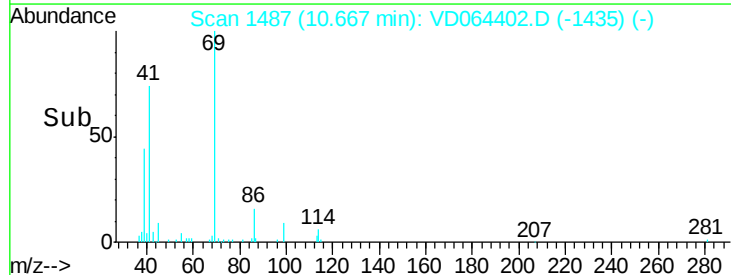
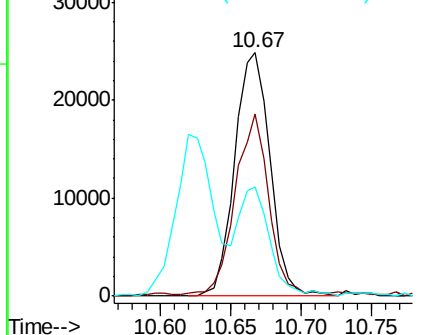


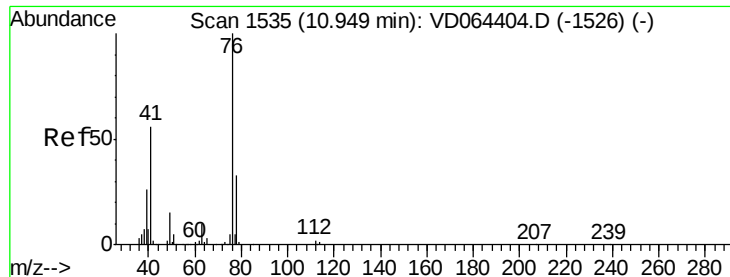
#56
 Ethyl methacrylate
 Concen: 10.489 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.3	55.0	82.4
39	39.5	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





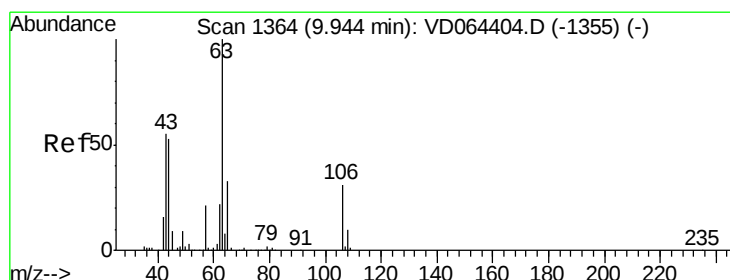
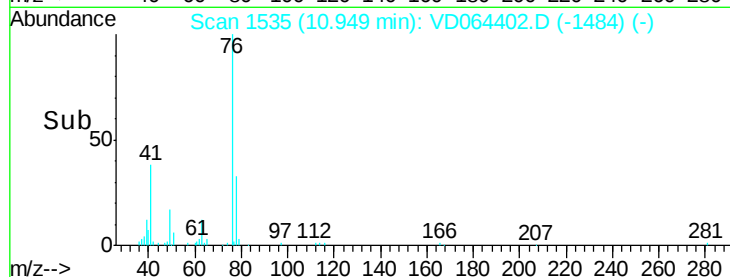
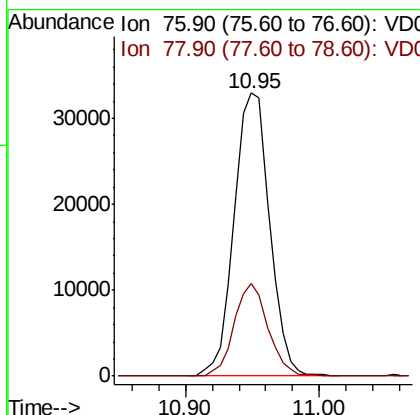
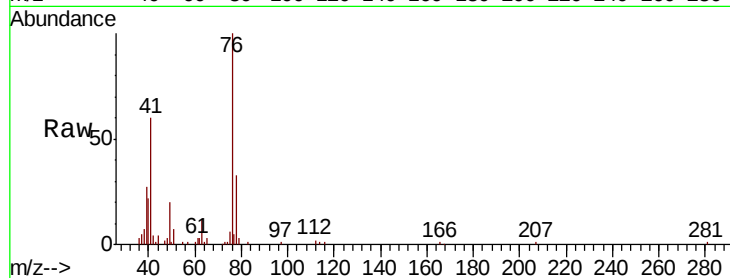
#57
 1,3-Dichloropropane
 Concen: 11.691 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion: 76 Resp: 60783
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.0 39.0

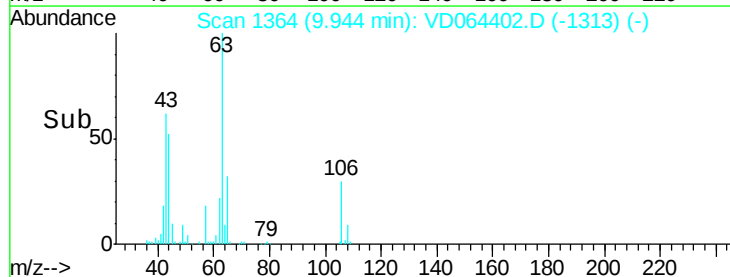
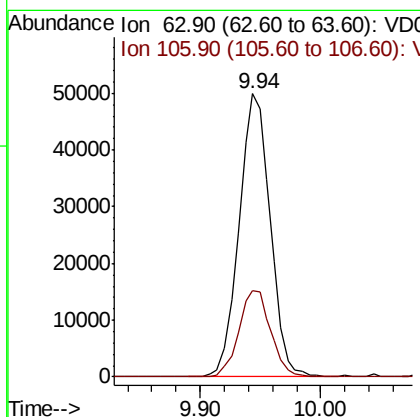
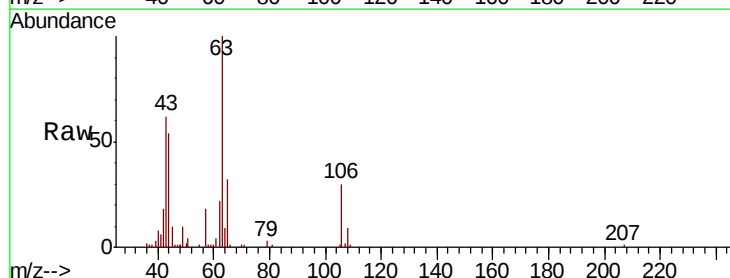
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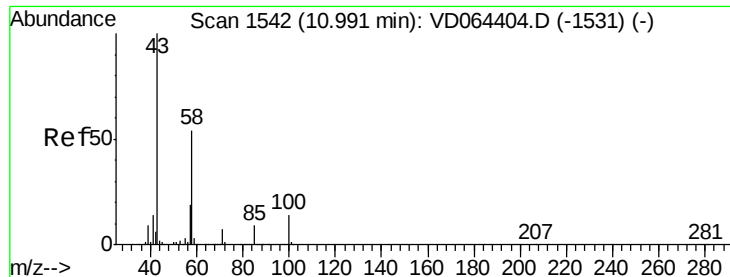
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#58
 2-Chloroethyl Vinyl ether
 Concen: 54.488 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Tgt Ion: 63 Resp: 89856
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.2 36.4





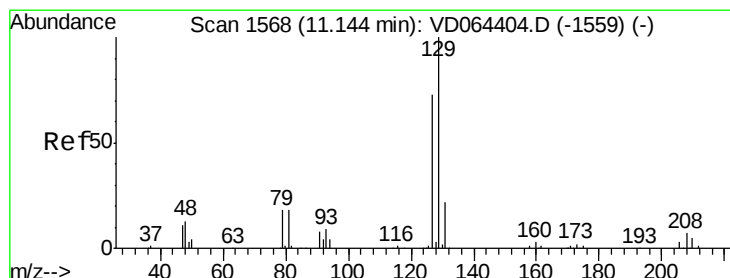
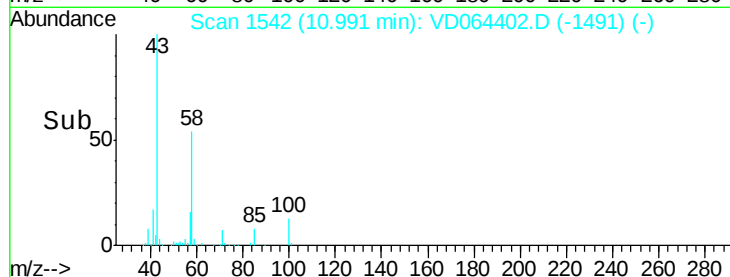
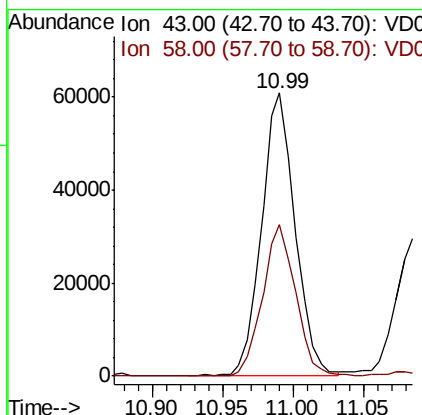
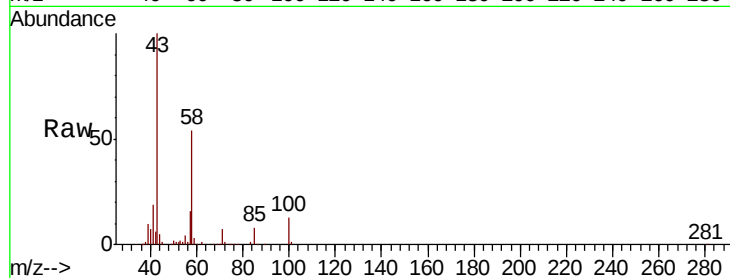
#59
2-Hexanone
Concen: 56.384 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.3	78.8

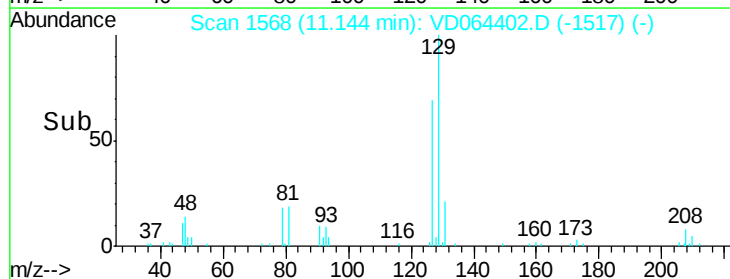
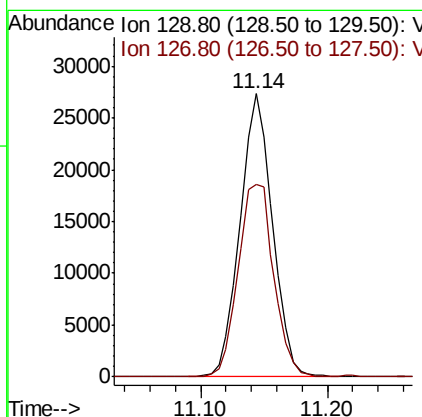
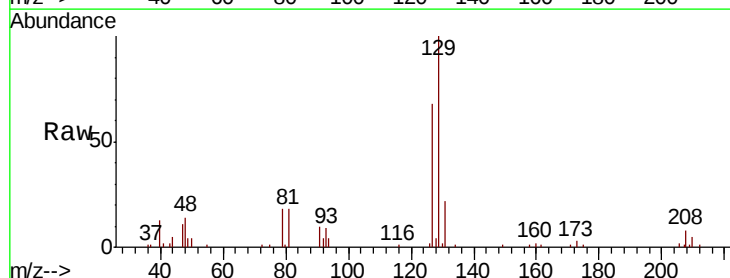
Manual Integrations
APPROVED

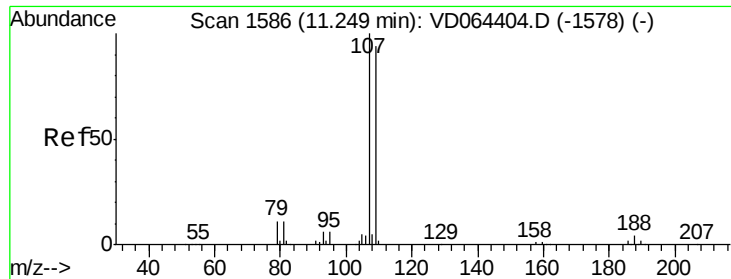
apatel
12/2/2019 10:56:31 AM



#60
Dibromochloromethane
Concen: 11.651 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.4	38.1	114.3





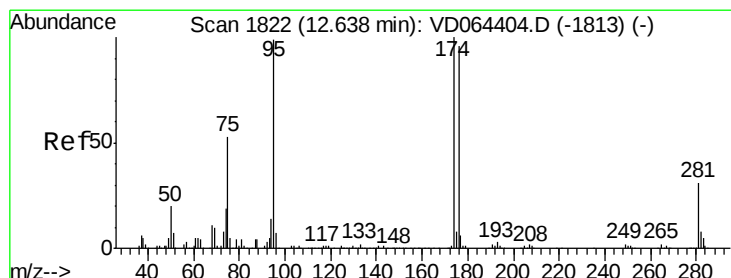
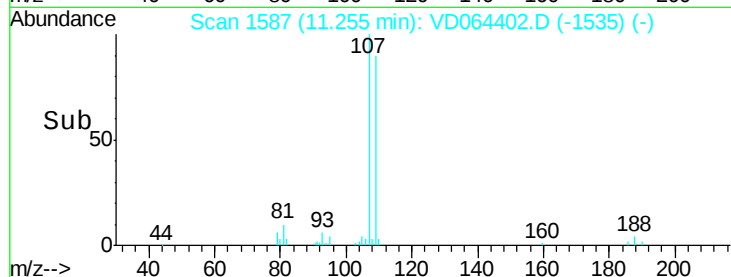
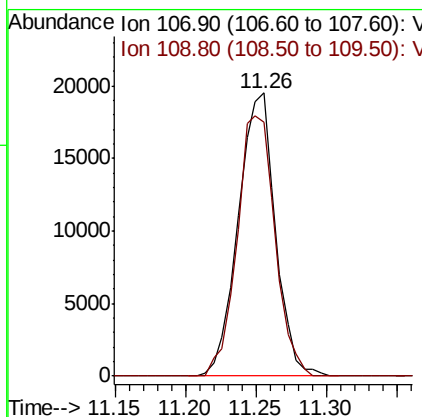
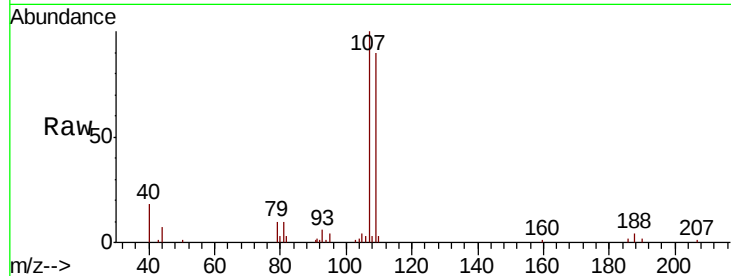
#61
 1,2-Dibromoethane
 Concen: 11.966 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion: 107 Resp: 35837
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.2 114.2

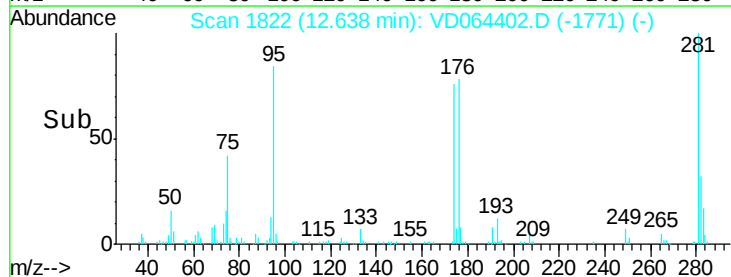
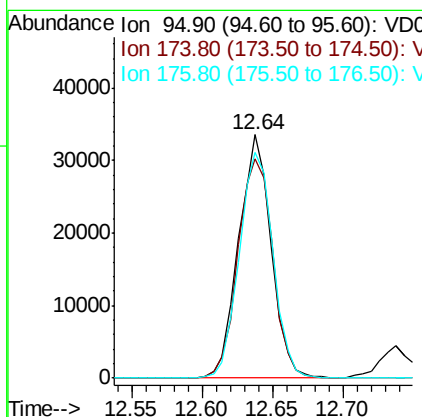
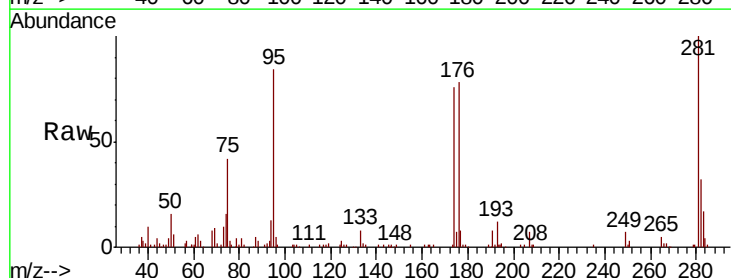
Manual Integrations
 APPROVED

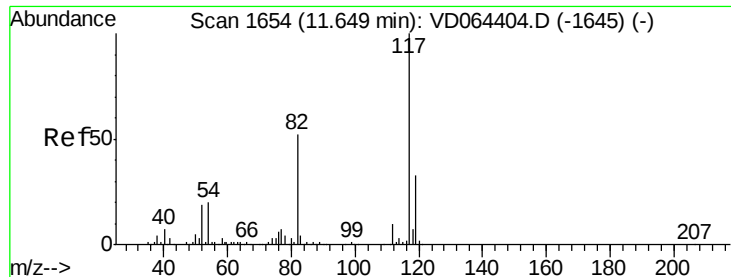
apatel
 12/2/2019 10:56:31 AM



#62
 4-Bromofluorobenzene
 Concen: 10.999 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Tgt Ion: 95 Resp: 53987
 Ion Ratio Lower Upper
 95 100
 174 96.4 0.0 197.2
 176 96.1 0.0 189.6





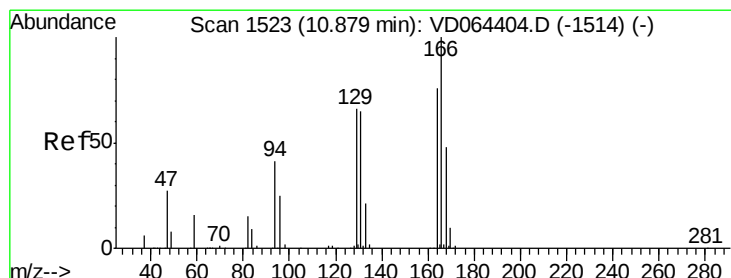
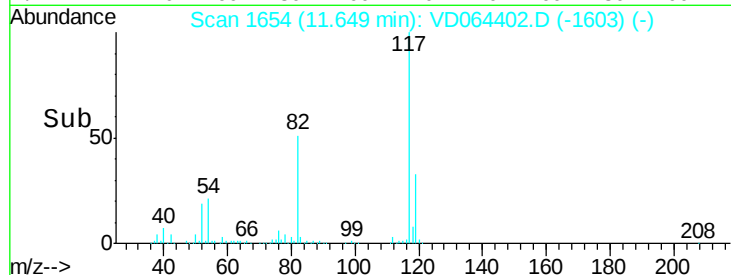
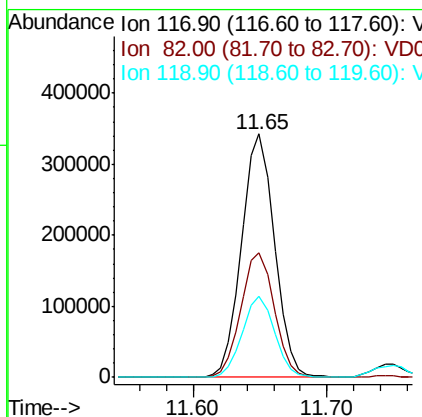
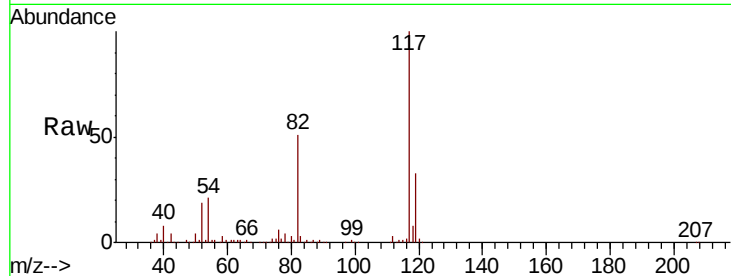
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.4	62.2
119	33.0	26.2	39.2

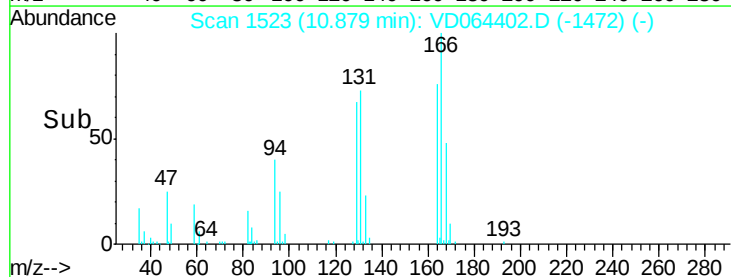
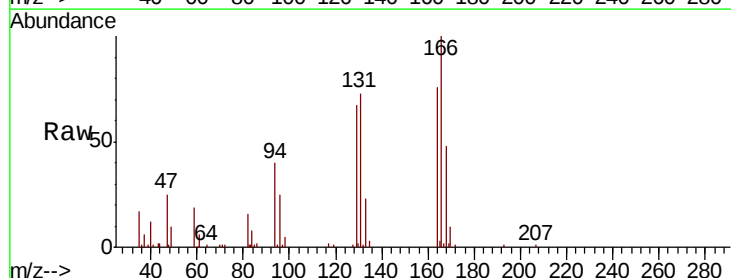
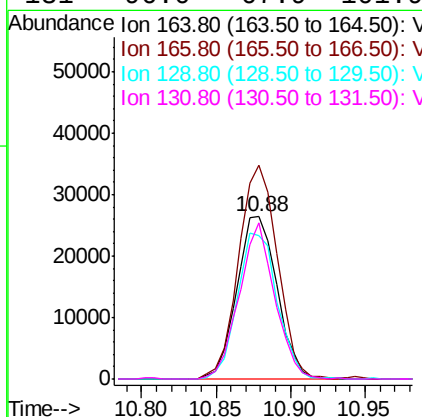
Manual Integrations
APPROVED

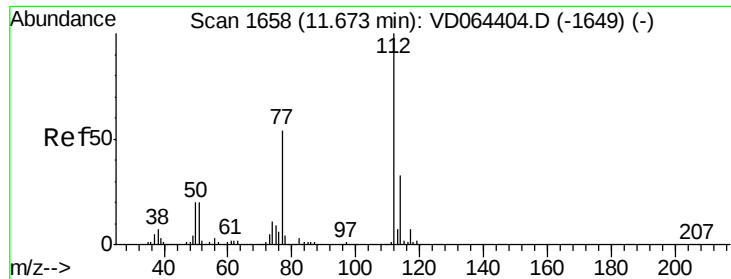
apatel
12/2/2019 10:56:31 AM



#64
Tetrachloroethene
Concen: 11.084 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	104.8	157.2
129	88.6	68.7	103.1
131	96.0	67.9	101.9





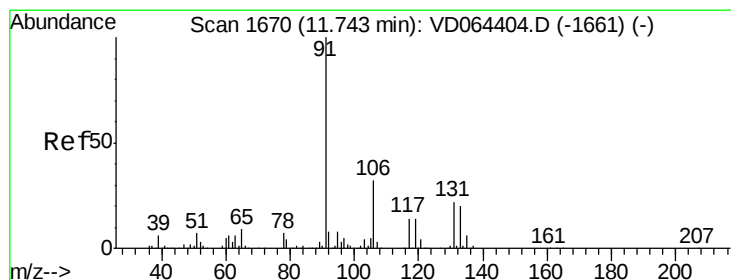
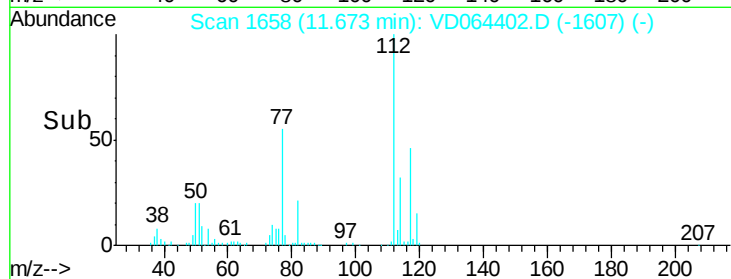
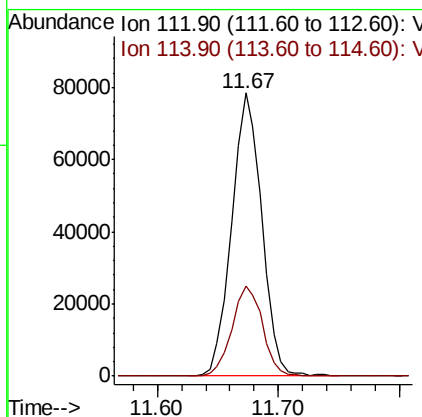
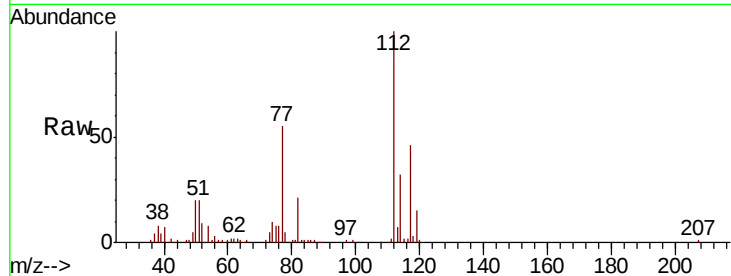
#65
Chlorobenzene
Concen: 11.452 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.5	39.7

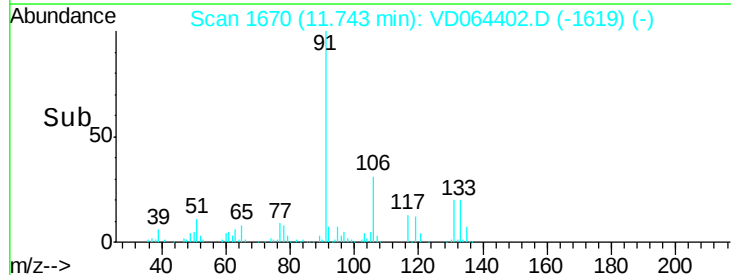
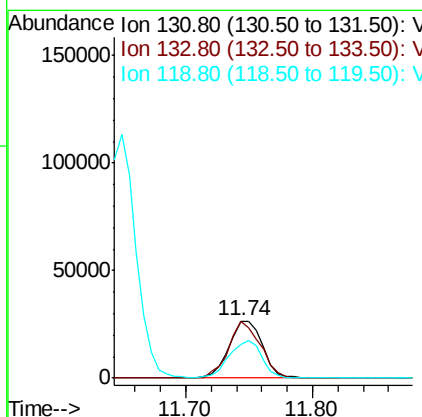
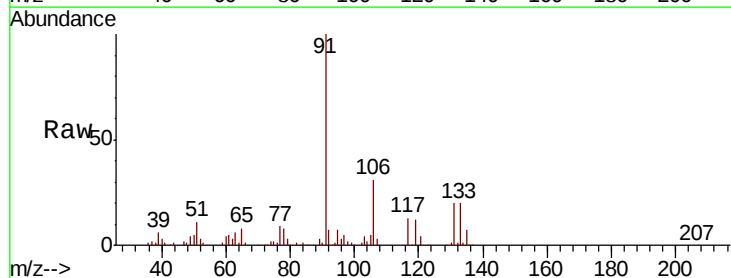
Manual Integrations
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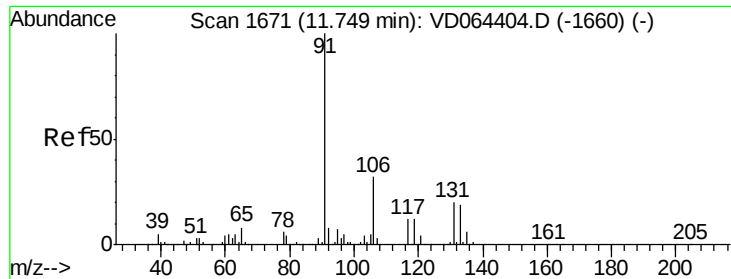
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.775 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.3	144.9
119	64.5	31.9	95.9





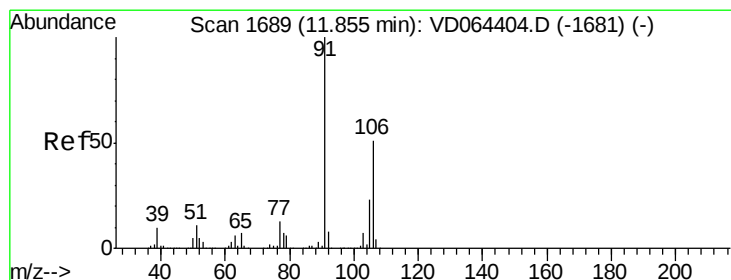
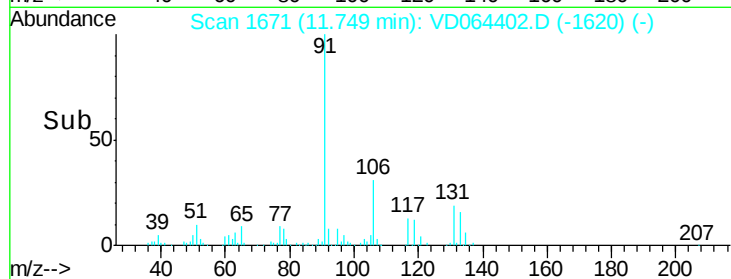
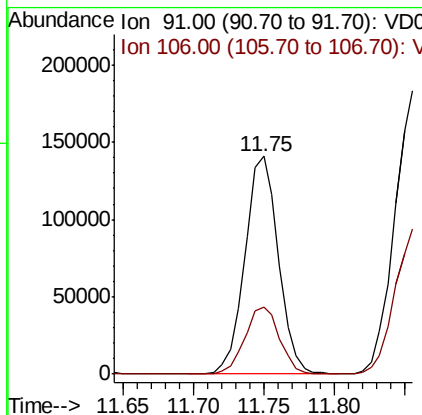
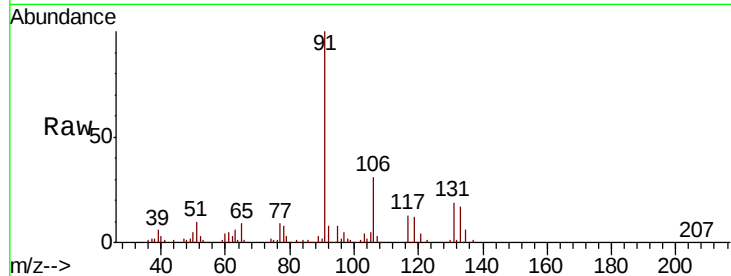
#67
Ethyl Benzene
Concen: 10.942 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

Tot Ion: 91 Resp: 234528
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.8

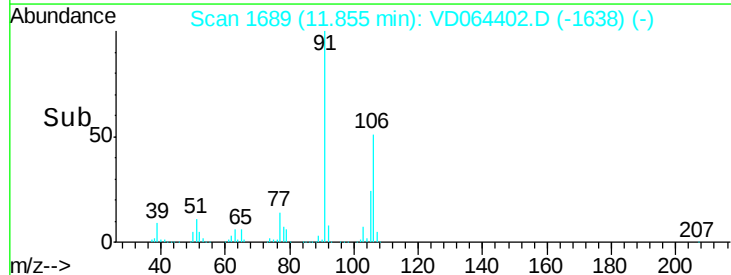
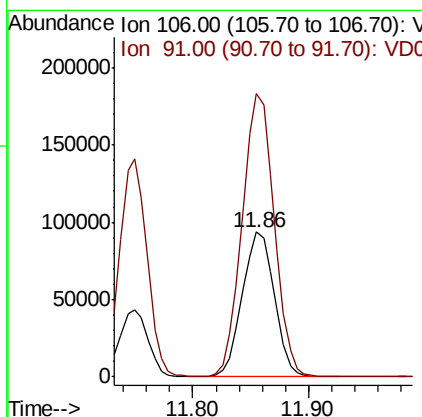
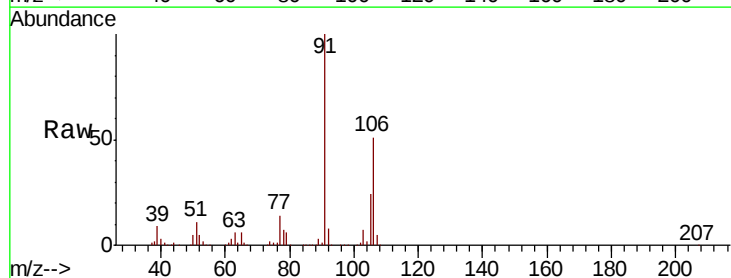
Manual Integrations
APPROVED

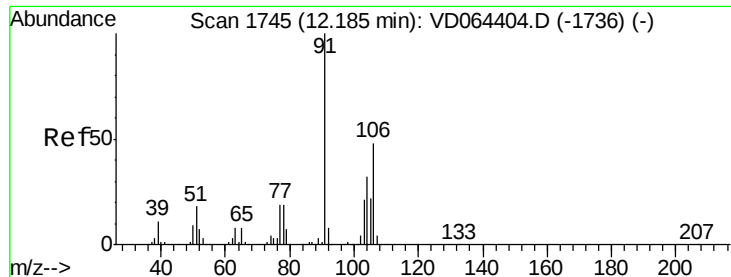
apatel
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#68
m/p-Xylenes
Concen: 22.074 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion: 106 Resp: 181242
Ion Ratio Lower Upper
106 100
91 195.6 157.4 236.2





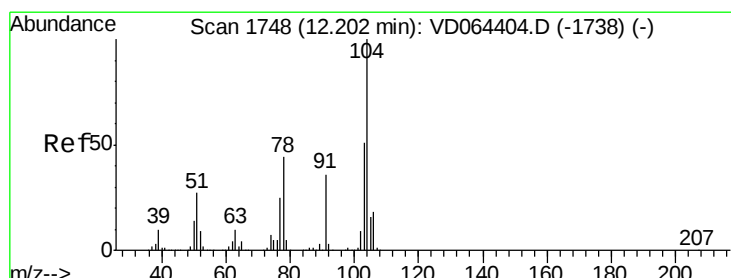
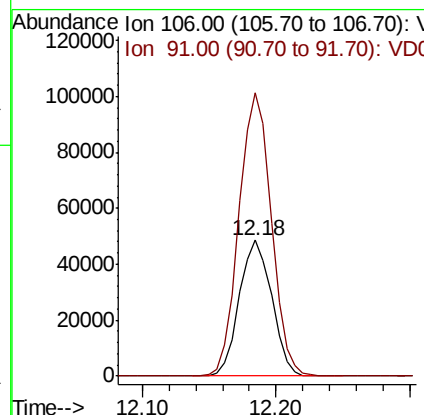
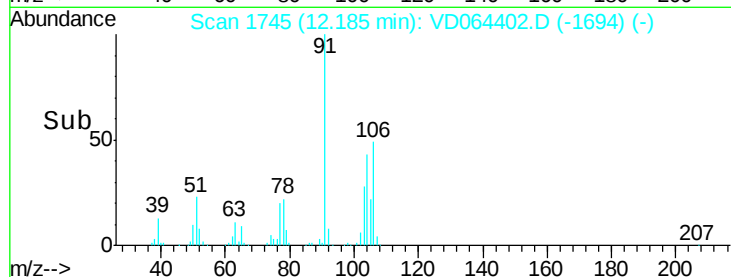
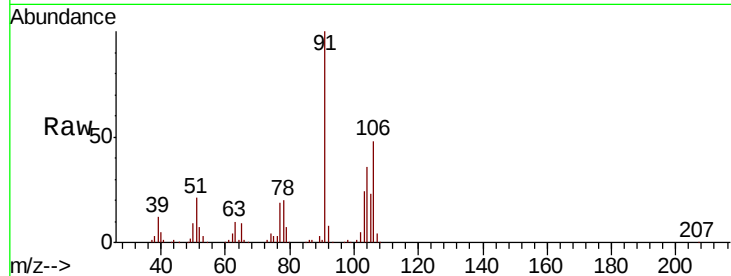
#69
o-Xylene
Concen: 10.726 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	208.5	103.8	311.4	

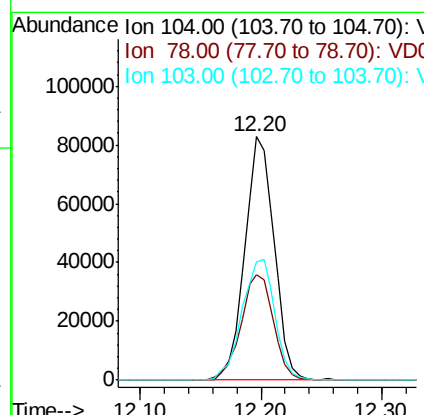
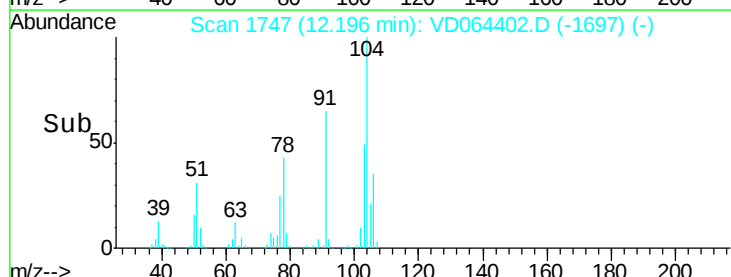
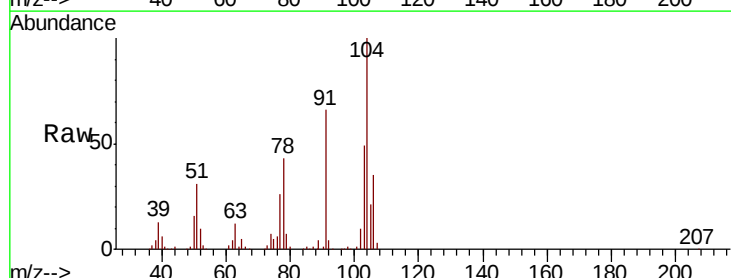
Manual Integrations
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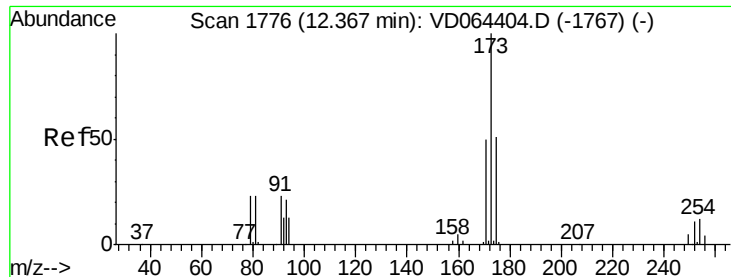
apatel
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#70
Styrene
Concen: 10.591 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	48.2	38.8	58.2	
103	55.4	44.2	66.4	





#71

Bromoform

Concen: 12.009 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

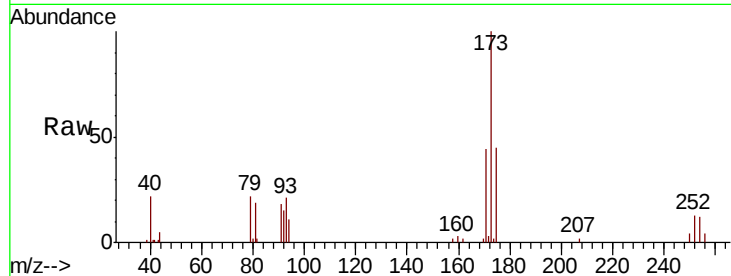
ClientSampleId :

VSTDIC010

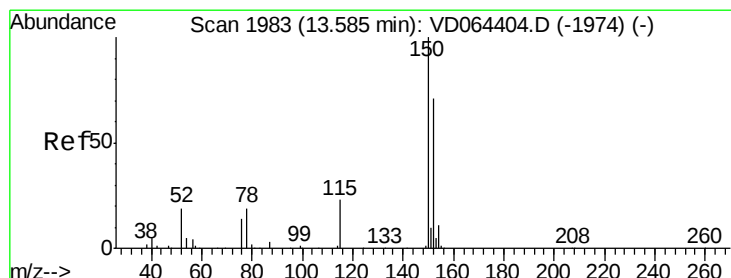
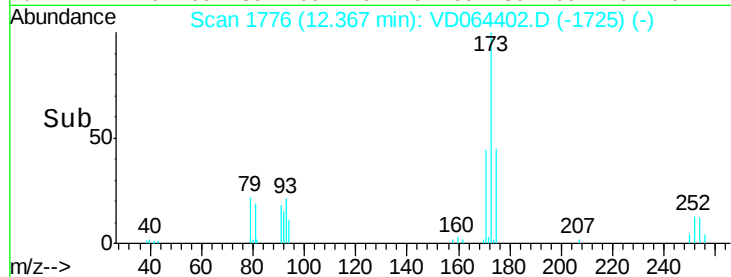
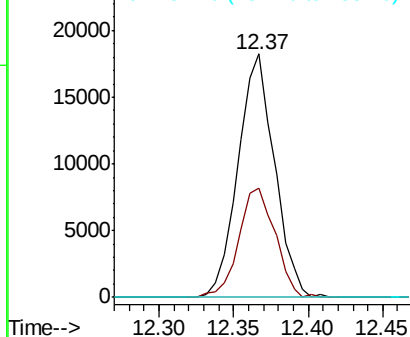
Tot Ion:	173	Resp:	30930
Ion Ratio	Lower	Upper	
173	100		
175	44.6	25.3	75.8
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

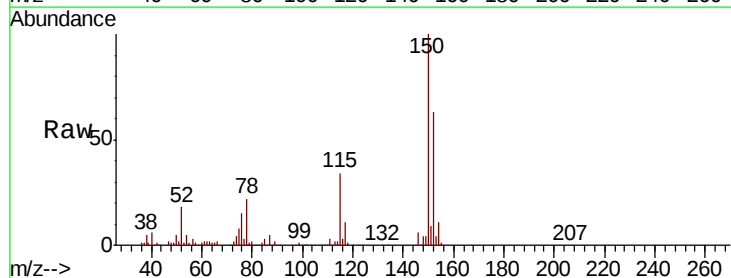
RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

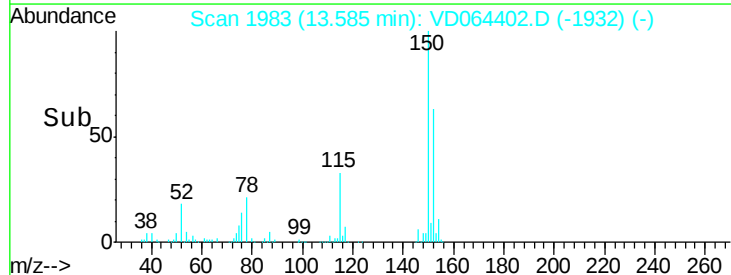
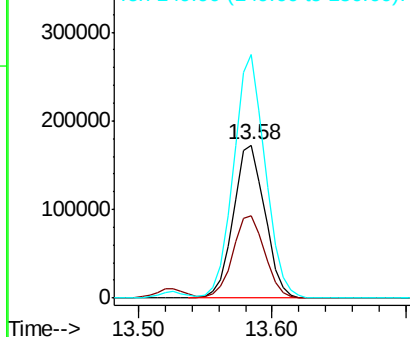
Lab File: VD064402.D

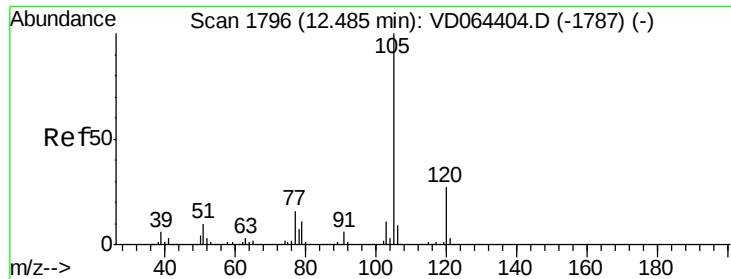
Acq: 27 Nov 2019 18:22

Tgt Ion:	152	Resp:	282540
Ion Ratio	Lower	Upper	
152	100		
115	54.6	26.7	80.1
150	159.7	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





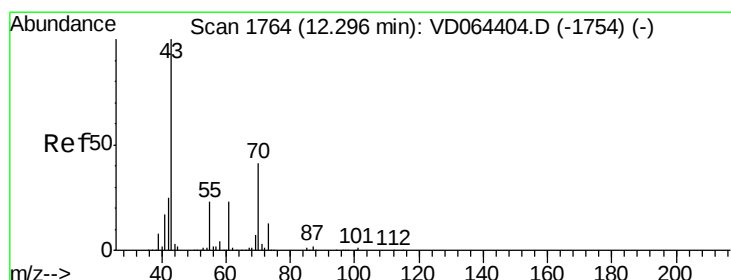
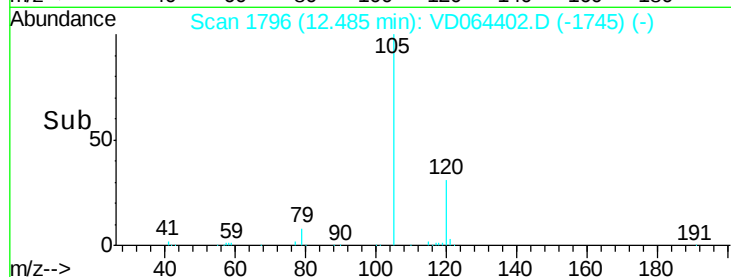
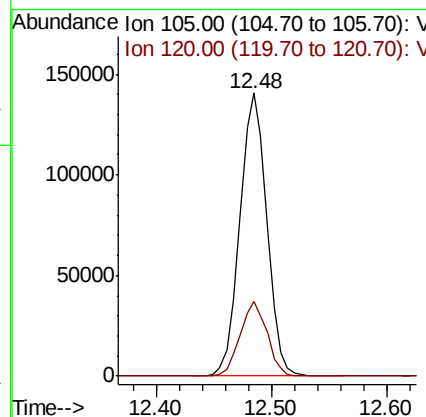
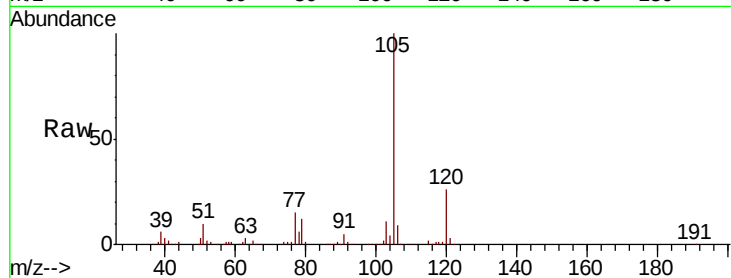
#73
Isopropylbenzene
Concen: 11.003 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.4	40.2

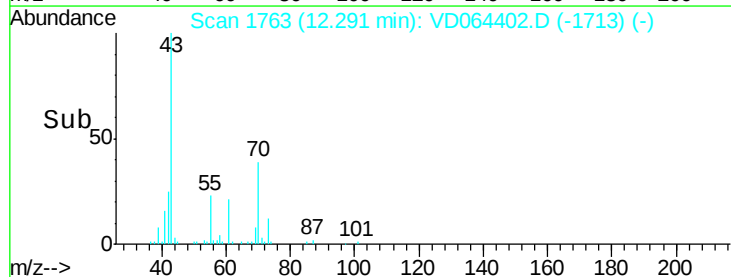
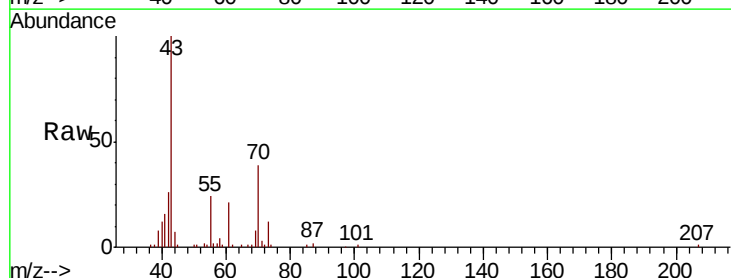
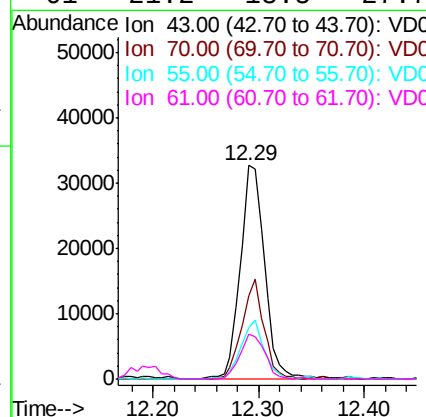
Manual Integrations
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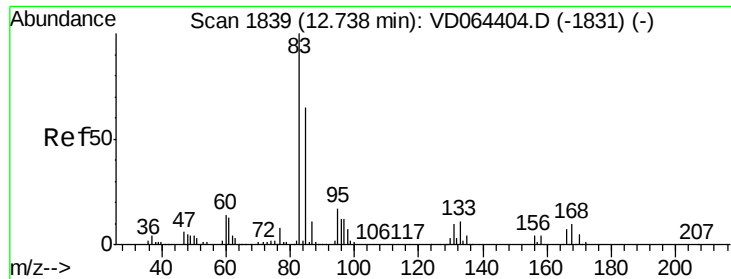
apatel
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#74
N-ethyl acetate
Concen: 10.750 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.8	33.4	50.2
55	25.9	18.9	28.3
61	21.2	18.5	27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 12.122 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

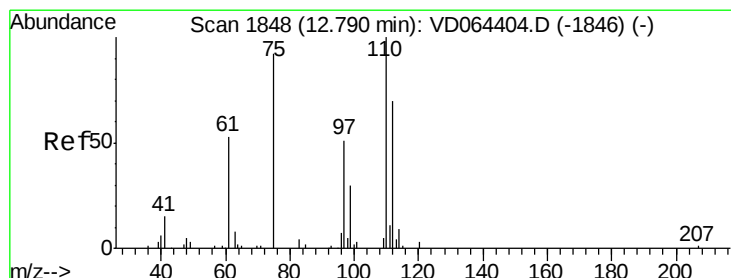
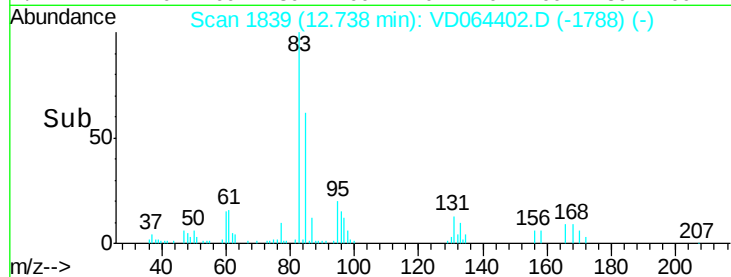
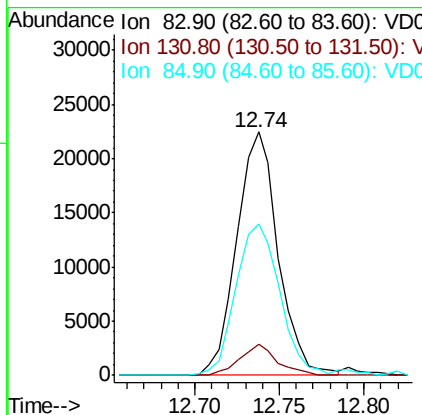
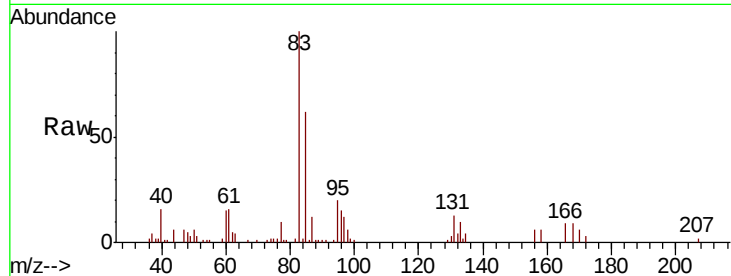
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	38329
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.7	17.0
85	65.7	31.3	93.9

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#76

1,2,3-Trichloropropane

Concen: 11.042 ug/l m

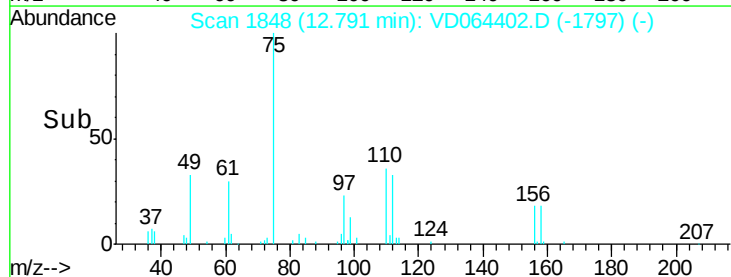
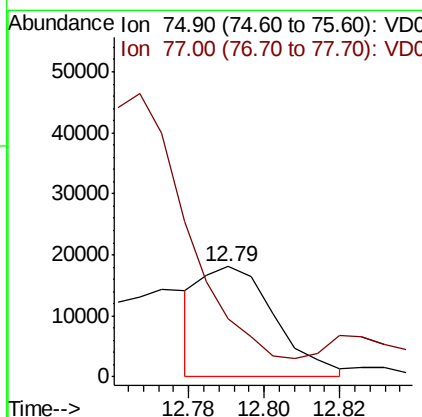
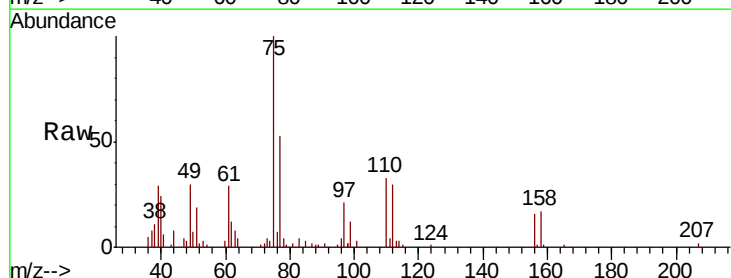
RT: 12.79 min Scan# 1848

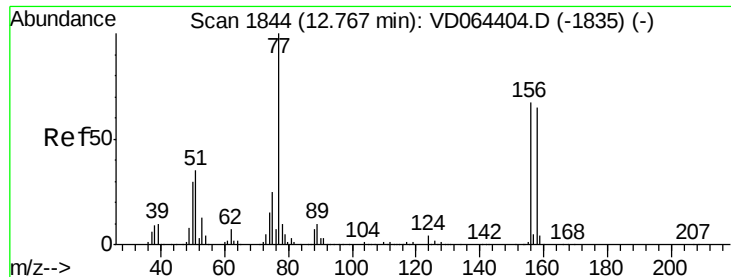
Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Tgt Ion:	75	Resp:	24900
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.958 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

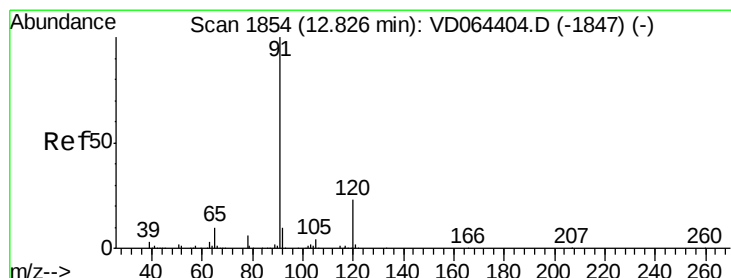
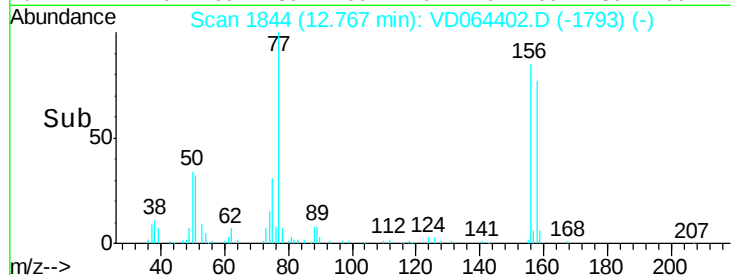
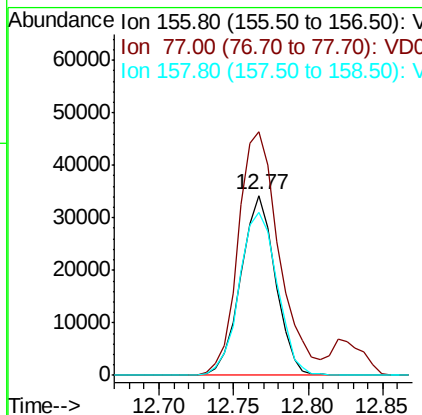
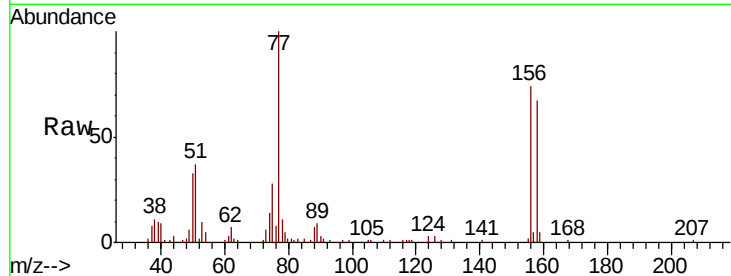
ClientSampleId :

VSTDIC010

Tot Ion:	156	Resp:	54977
Ion	Ratio	Lower	Upper
156	100		
77	161.1	80.0	240.2
158	99.6	48.9	146.6

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#78

n-propylbenzene

Concen: 11.072 ug/l

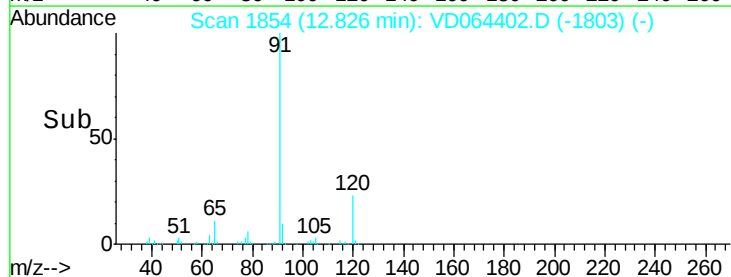
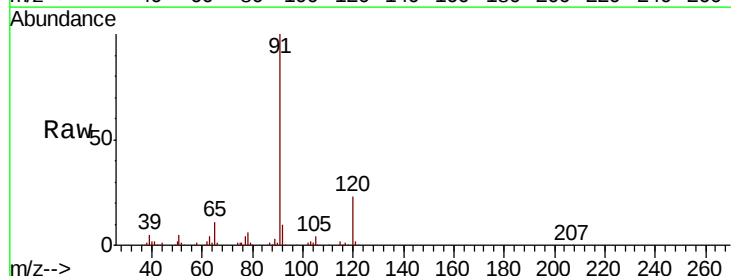
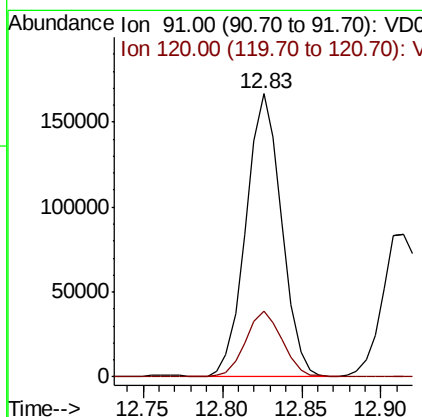
RT: 12.83 min Scan# 1854

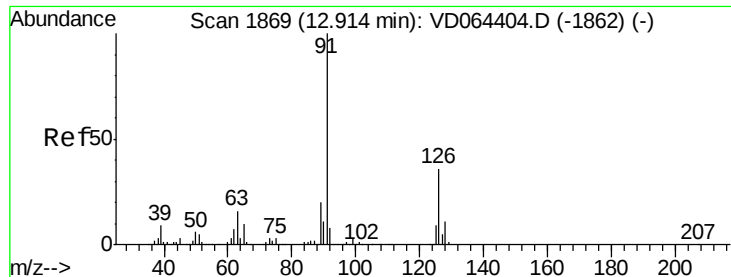
Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Tgt Ion:	91	Resp:	260333
Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 10.988 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 145394

Ion Ratio Lower Upper

91 100

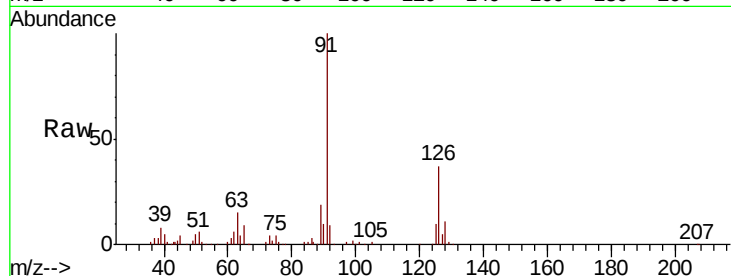
126 35.2 18.0 54.0

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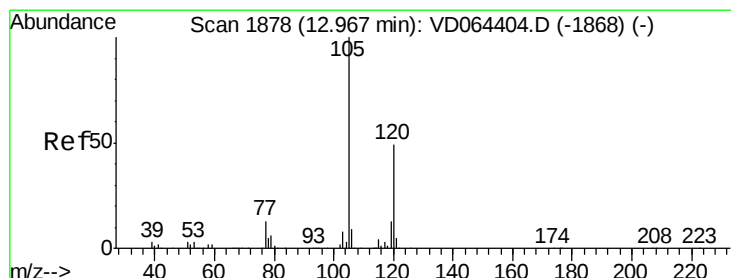
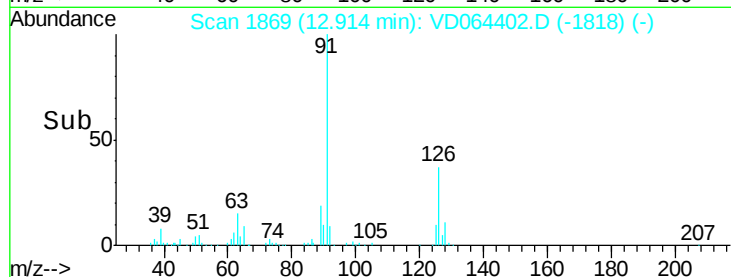


Abundance Ion 91.00 (90.70 to 91.70): VD064404.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD064404.D (-1862) (-)

12.91

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 10.943 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064402.D

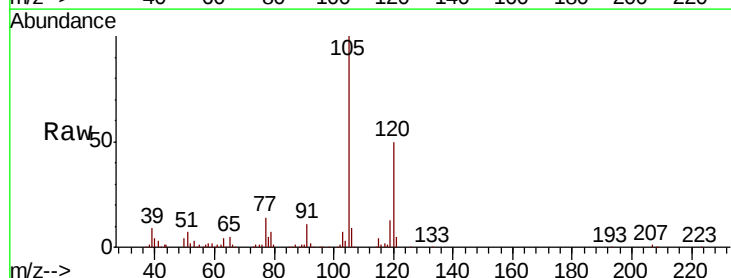
Acq: 27 Nov 2019 18:22

Tgt Ion: 105 Resp: 185183

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.3

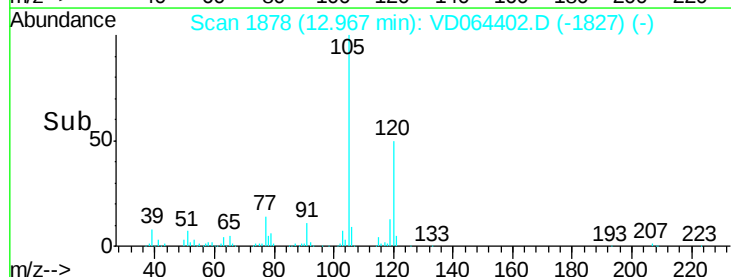


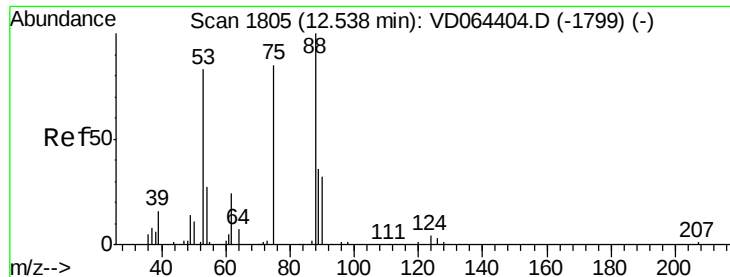
Abundance Ion 105.00 (104.70 to 105.70): VD064404.D (-1868) (-)

Ion 120.00 (119.70 to 120.70): VD064404.D (-1868) (-)

12.97

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 10.533 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

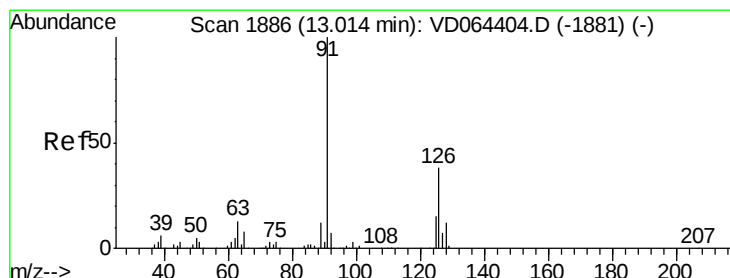
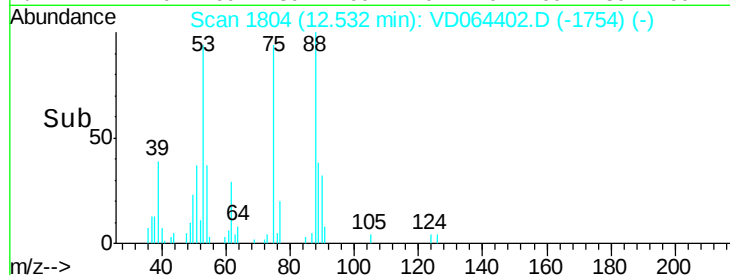
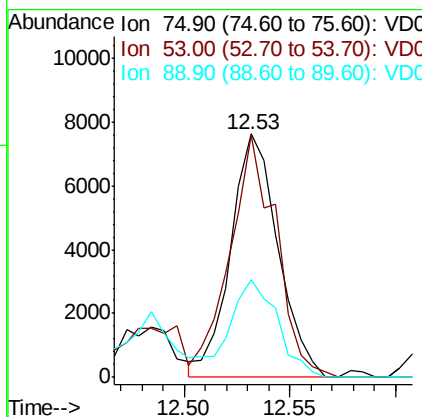
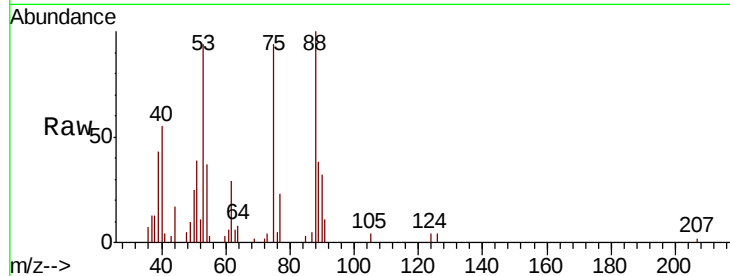
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	11893
Ion	Ratio	Lower	Upper
75	100		
53	97.0	81.0	121.6
89	37.8	38.5	57.7#

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#82

4-Chlorotoluene

Concen: 10.972 ug/l

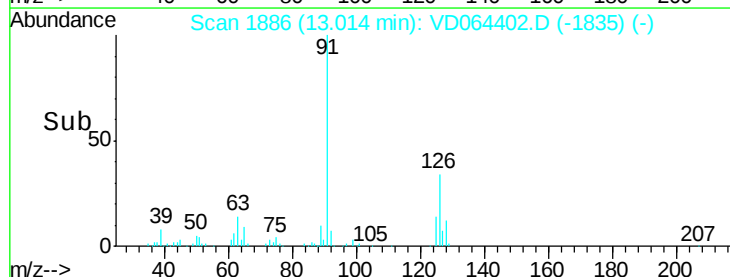
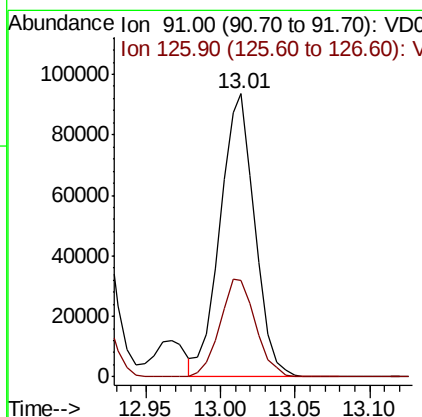
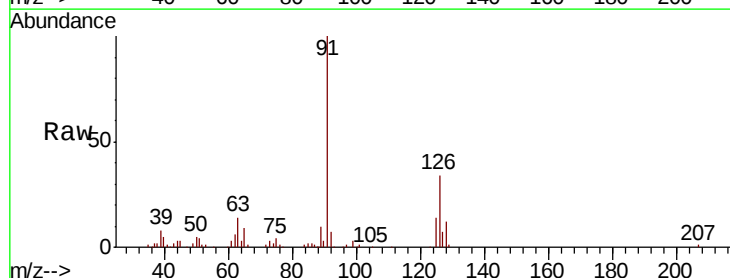
RT: 13.01 min Scan# 1886

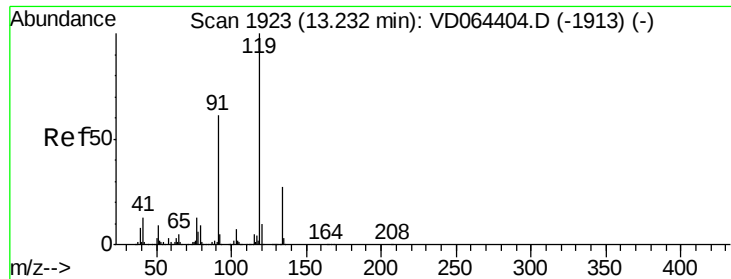
Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Tgt Ion:	91	Resp:	151801
Ion	Ratio	Lower	Upper
91	100		
126	35.6	18.2	54.6





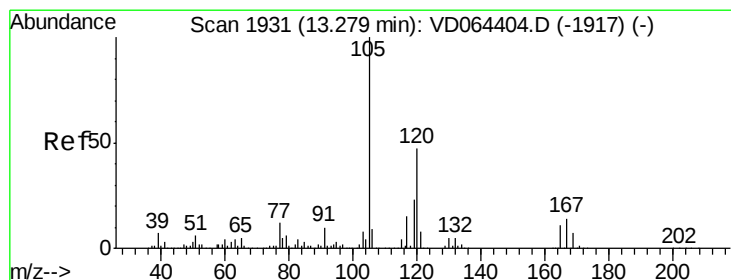
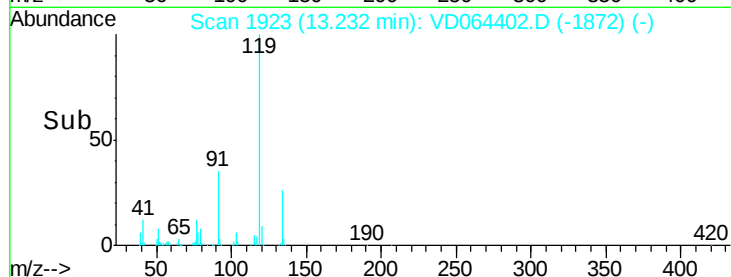
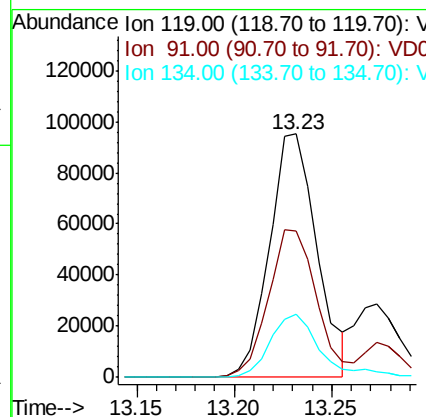
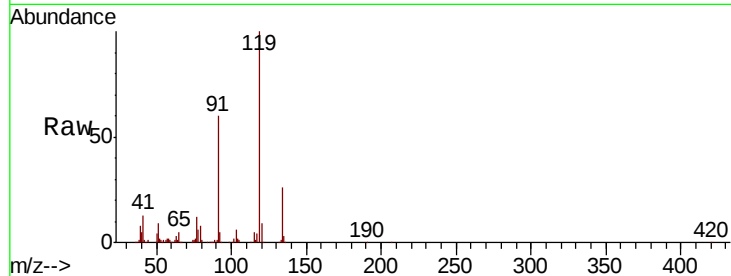
#83
 tert-Butylbenzene
 Concen: 10.828 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.8	31.2	93.6
134	27.6	13.9	41.7

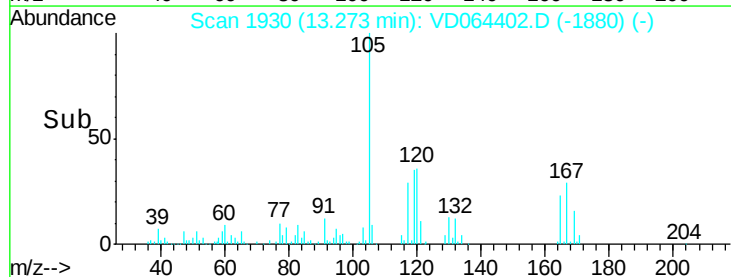
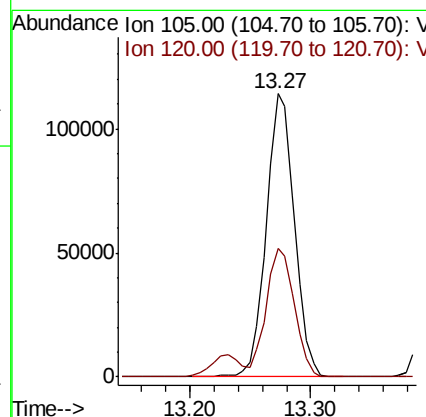
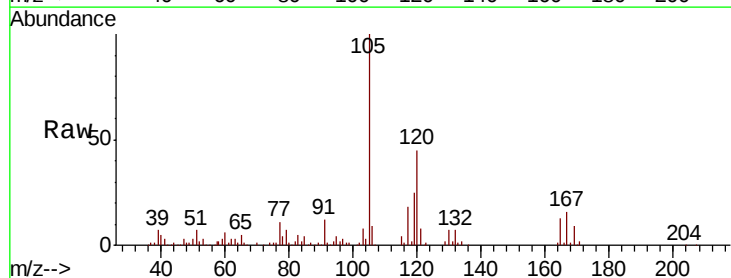
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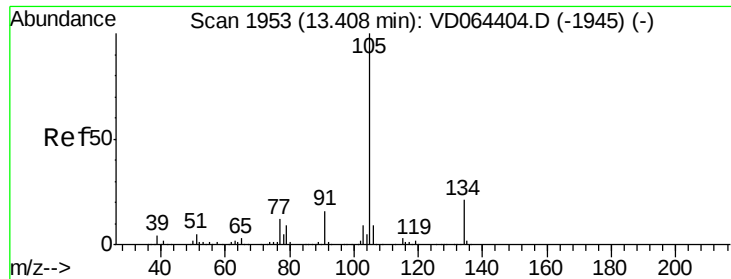
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#84
 1,2,4-Trimethylbenzene
 Concen: 10.993 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.6	70.8





#85

sec-Butylbenzene

Concen: 10.897 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 218199

Ion Ratio Lower Upper

105 100

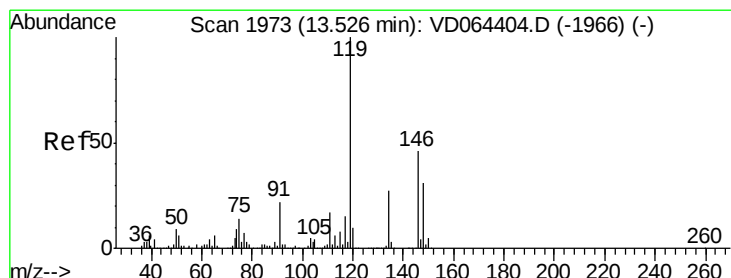
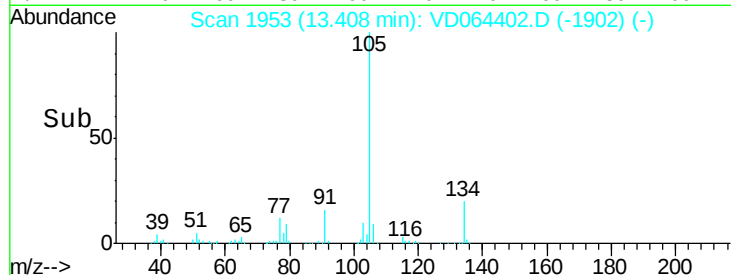
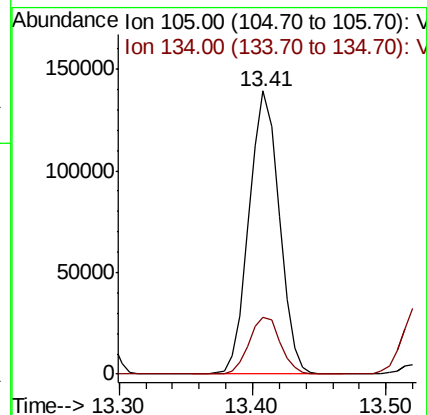
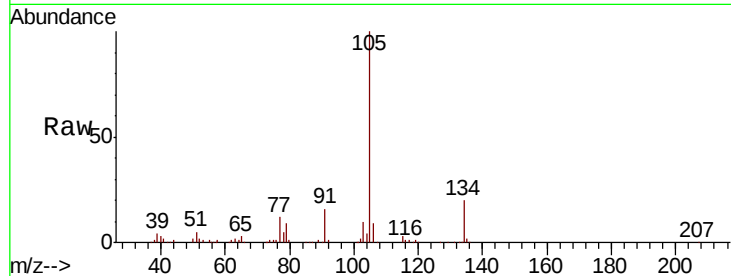
134 20.6 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 10.734 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

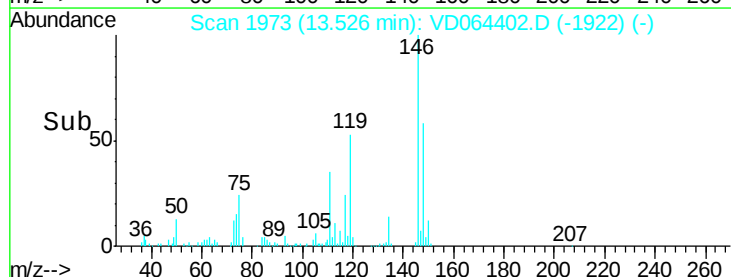
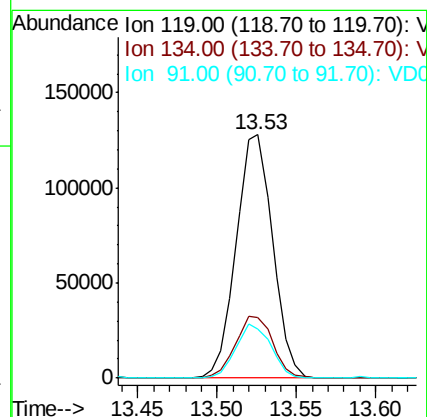
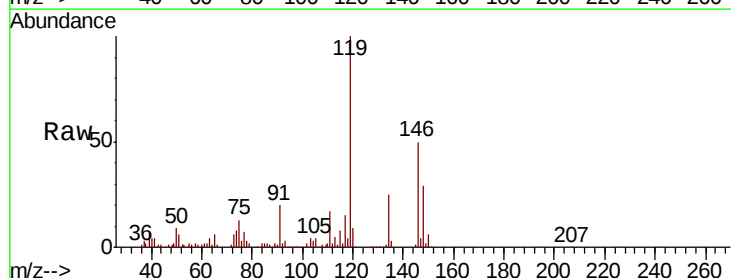
Tgt Ion:119 Resp: 204182

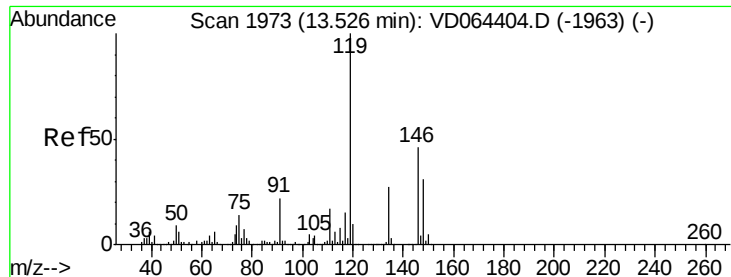
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 21.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 11.144 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

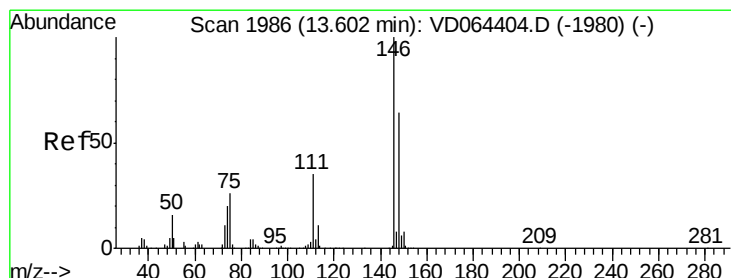
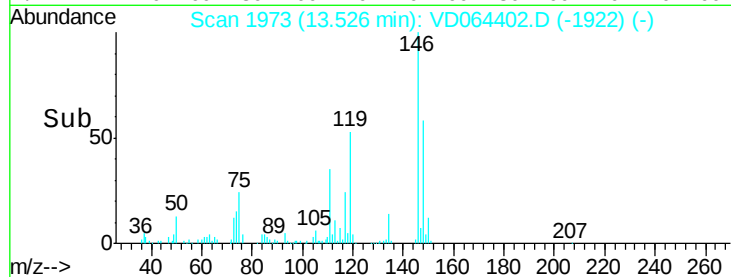
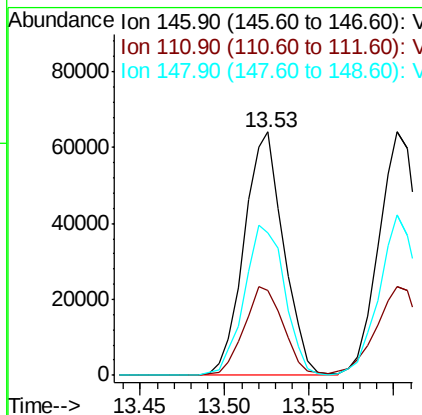
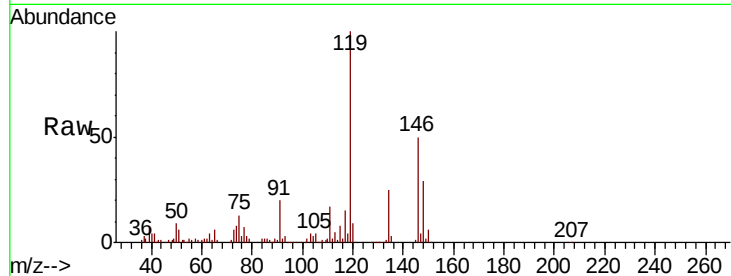
ClientSampleId :

VSTDIC010

Tot Ion:	146	Resp:	104140
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.8	56.4
148	63.6	32.6	97.8

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#88

1,4-Dichlorobenzene

Concen: 11.586 ug/l

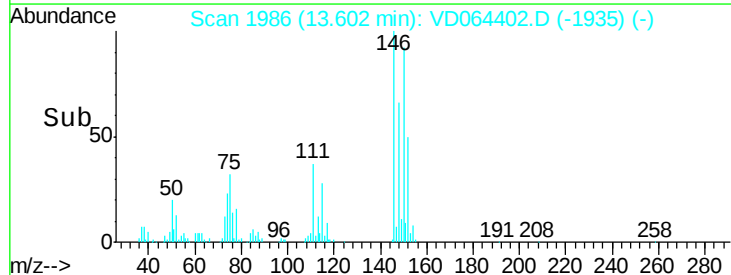
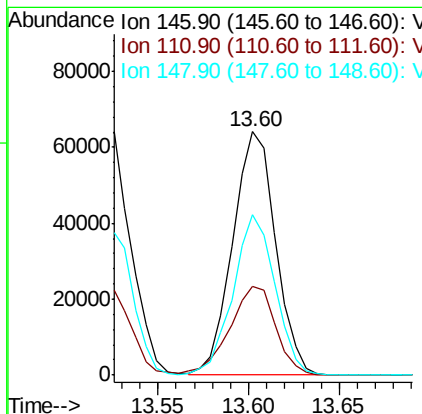
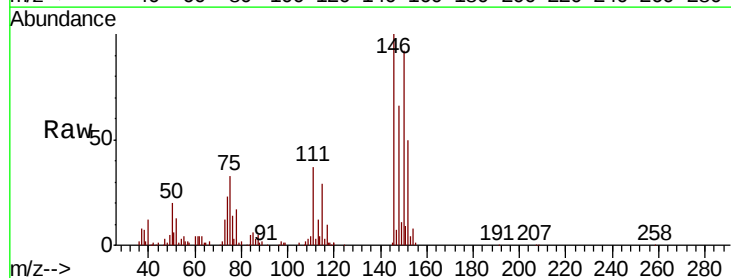
RT: 13.60 min Scan# 1986

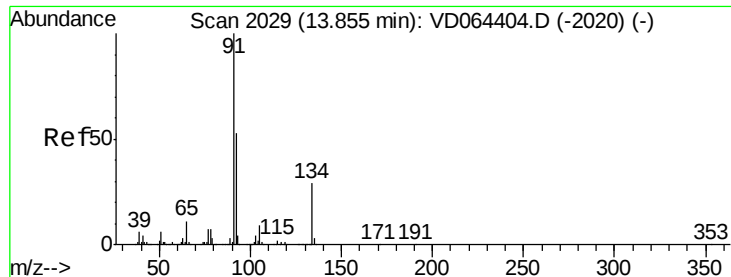
Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Tgt Ion:	146	Resp:	105357
Ion Ratio	Lower	Upper	
146	100		
111	39.2	18.2	54.6
148	64.9	31.8	95.4





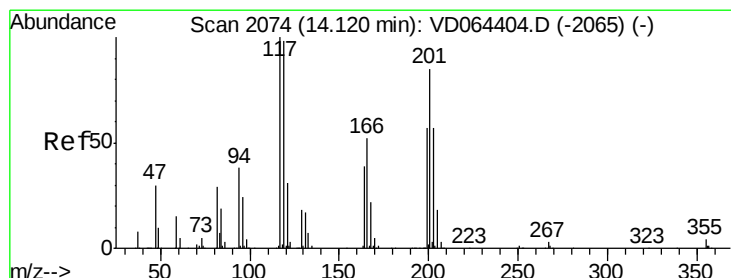
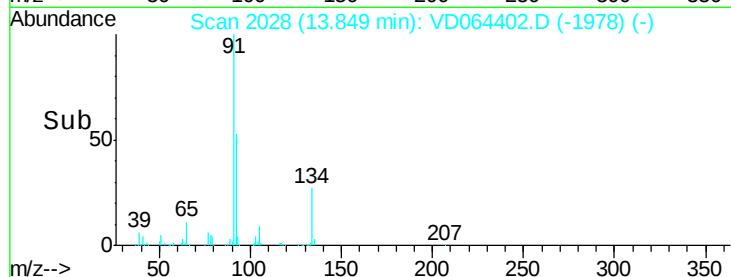
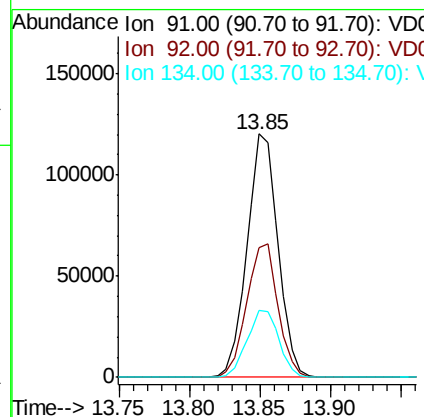
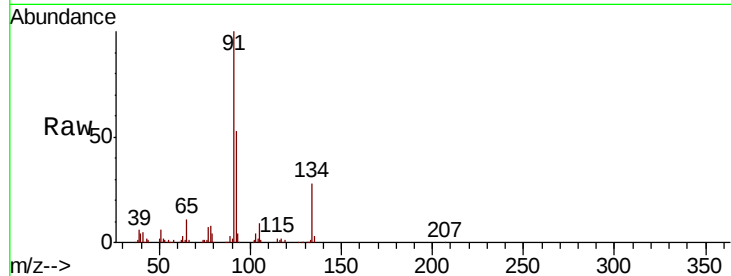
#89
n-Butylbenzene
Concen: 10.743 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	26.5	79.4
134	28.4	13.9	41.7

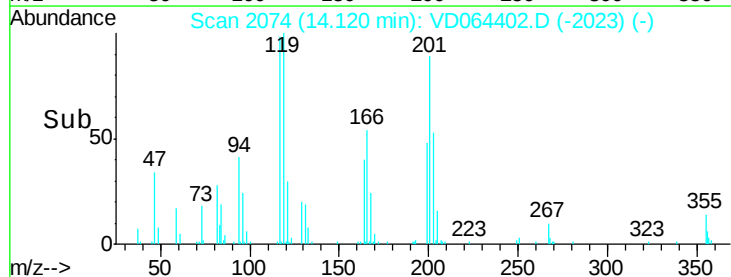
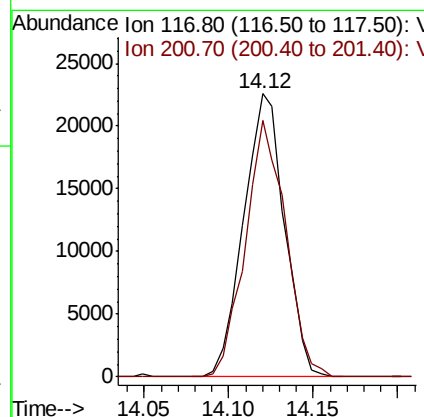
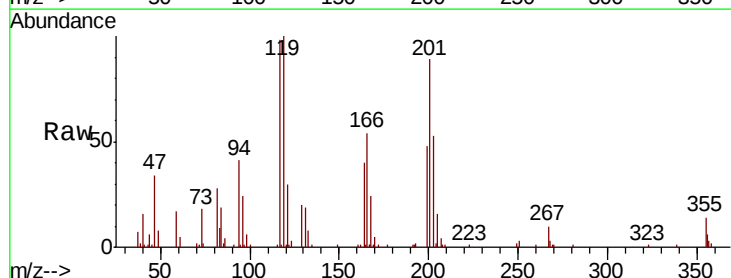
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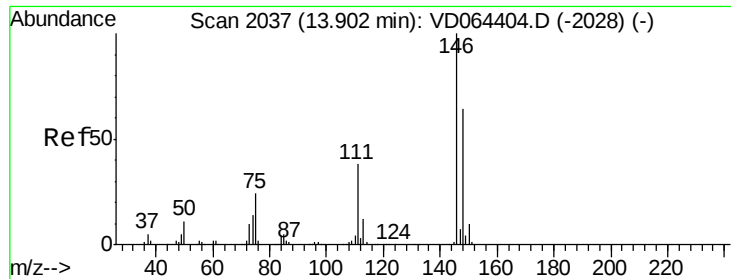
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#90
Hexachloroethane
Concen: 10.782 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064402.D
Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	44.3	132.8





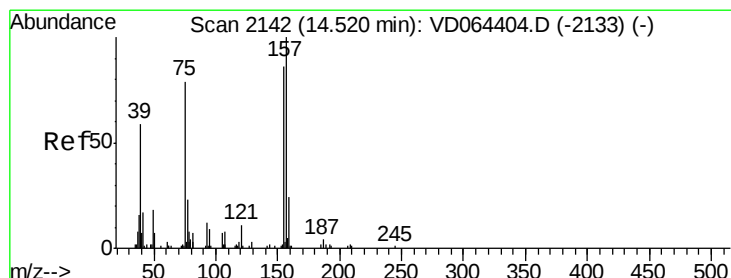
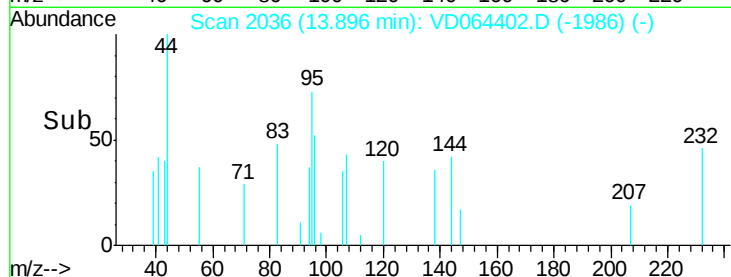
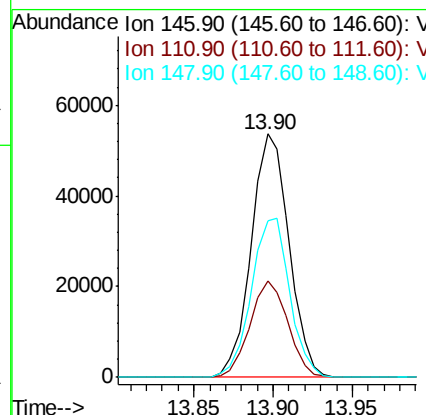
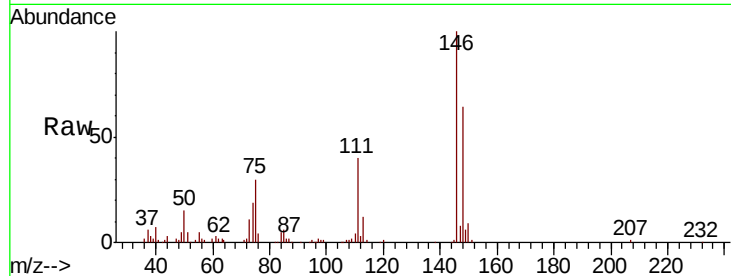
#91
 1,2-Dichlorobenzene
 Concen: 11.229 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.3
148	66.2	32.0	96.0

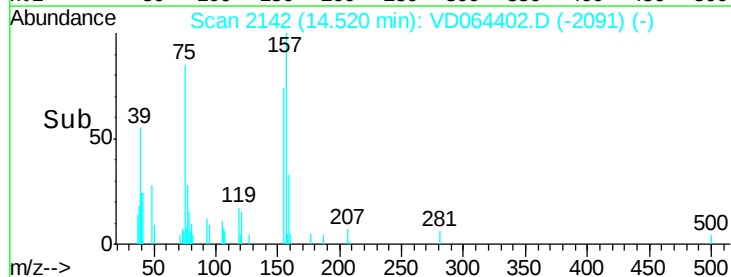
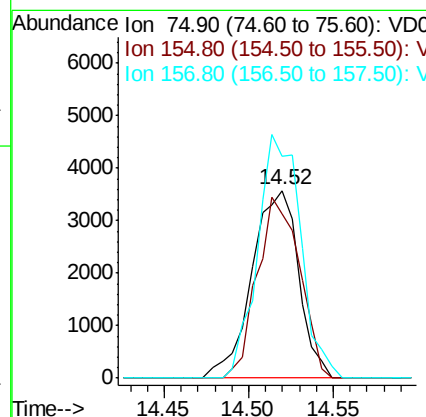
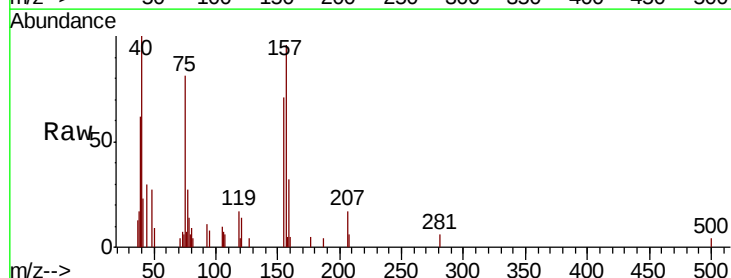
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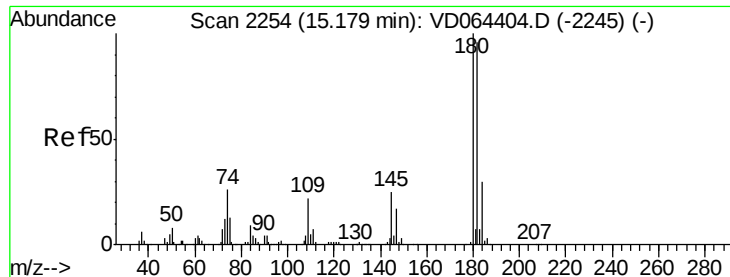
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.404 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	51.9	155.7
157	119.3	63.2	189.8





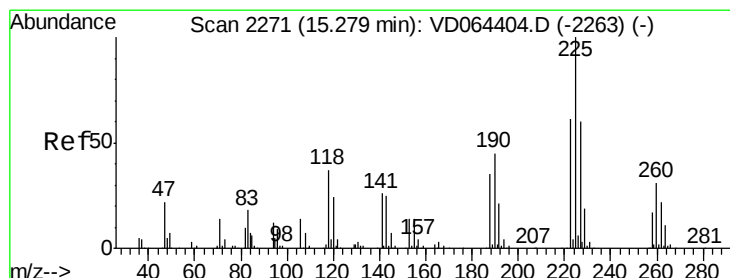
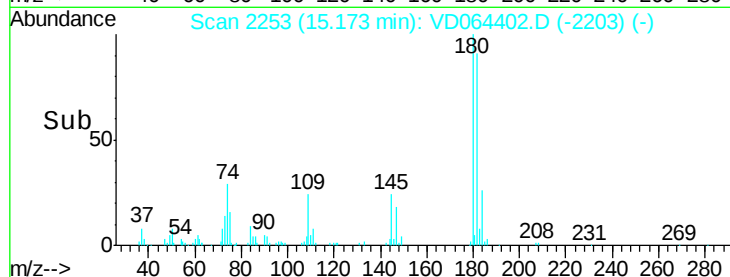
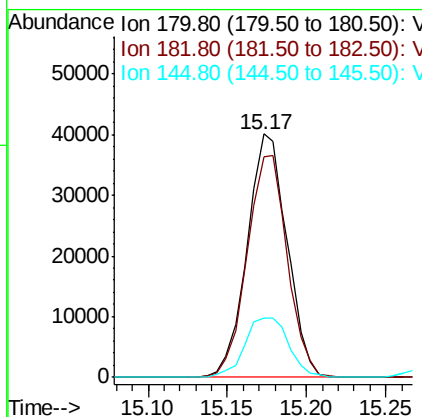
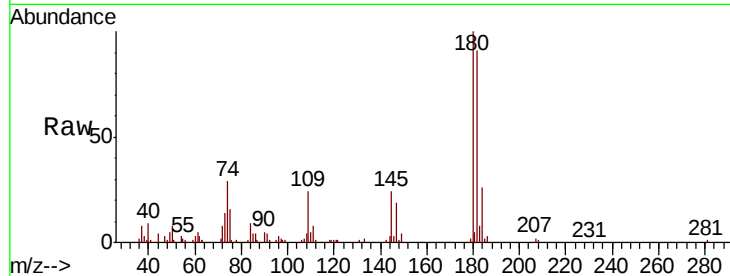
#93
 1,2,4-Trichlorobenzene
 Concen: 11.515 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.4	142.3
145	26.9	14.0	41.9

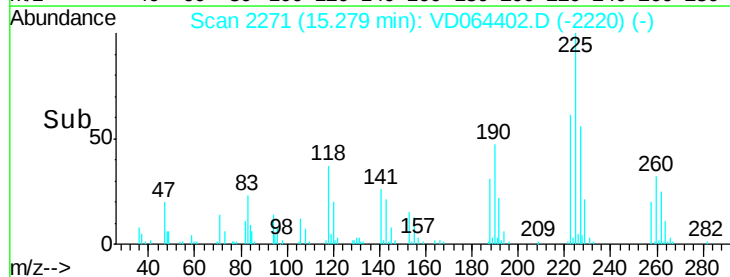
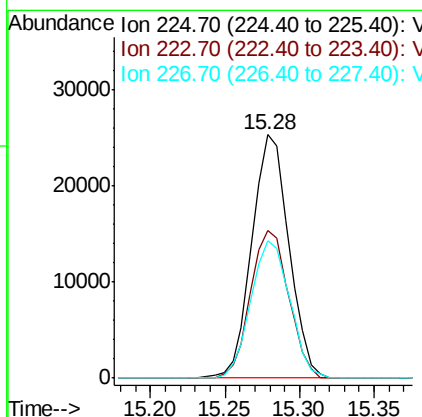
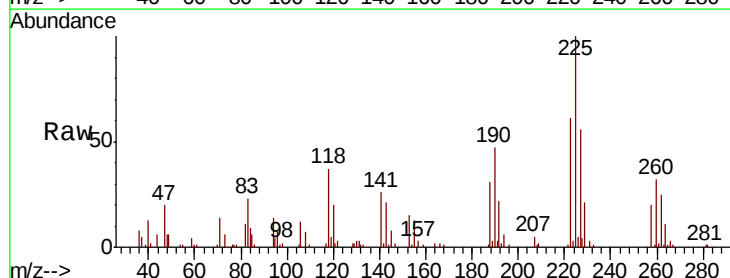
Manual Integrations
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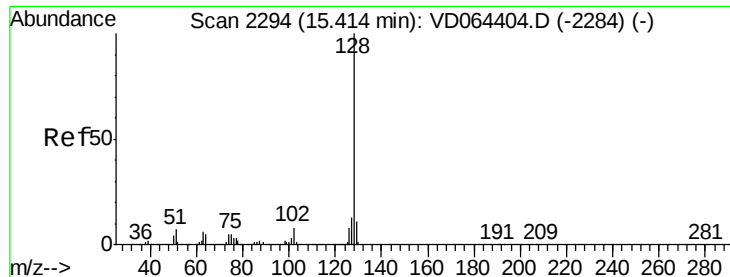
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#94
 Hexachlorobutadiene
 Concen: 11.071 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064402.D
 Acq: 27 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.1	93.3
227	59.1	31.8	95.4





#95

Naphthalene

Concen: 11.734 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Instrument :

MSVOA_D

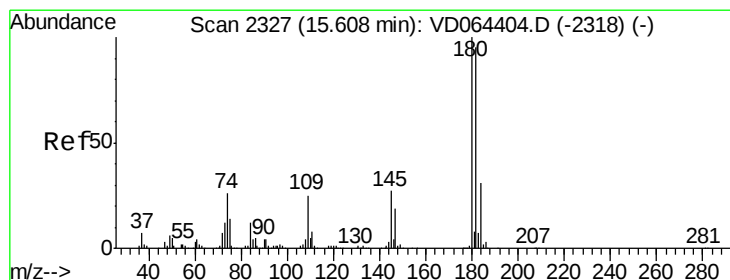
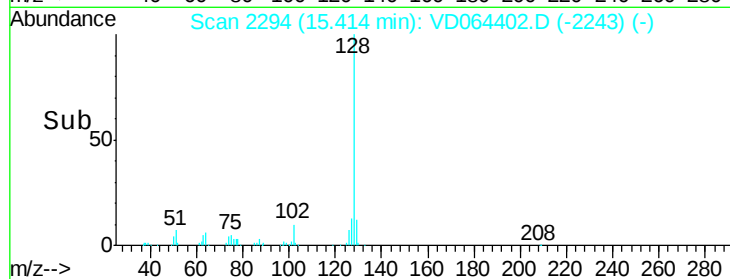
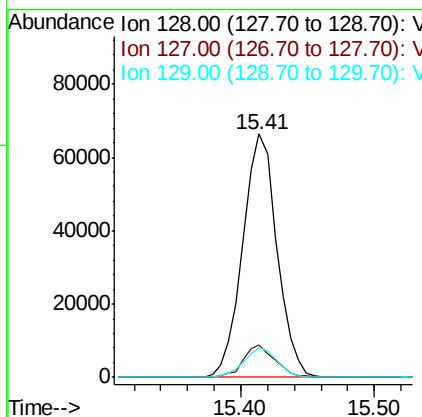
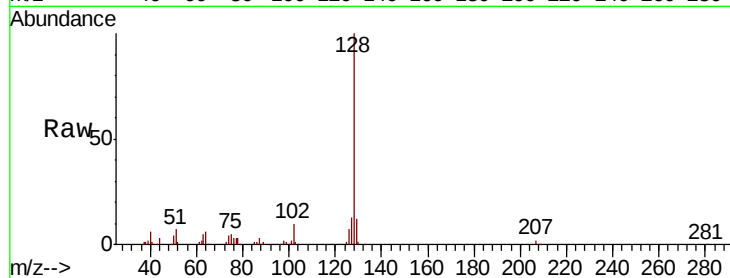
ClientSampleId :

VSTDIC010

Tot Ion:	128	Resp:	117914
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.5	15.7
129	11.8	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 11.394 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD064402.D

Acq: 27 Nov 2019 18:22

Tgt Ion:	180	Resp:	59318
Ion Ratio	Lower	Upper	
180	100		
182	99.3	47.6	142.9
145	29.7	14.6	43.8

