

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064484.D
 Acq On : 10 Dec 2019 11:43
 Operator : VA/SY
 Sample : VD1210SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Manual Integrations
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 12/11/2019 2:15:20 PM

Quant Time: Dec 11 01:03:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	467824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	679550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	603025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	294015	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	200551	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	7.91	113	209236	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.34	98	800329	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.64	95	249601	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	94417	22.274	ug/l	98
3) Chloromethane	2.21	50	118073	22.084	ug/l	99
4) Vinyl Chloride	2.35	62	138643	22.459	ug/l	100
5) Bromomethane	2.76	94	93666	20.518	ug/l	99
6) Chloroethane	2.92	64	94917	23.004	ug/l	97
7) Trichlorofluoromethane	3.27	101	233809	22.783	ug/l	100
8) Diethyl Ether	3.70	74	43978	20.623	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	100628	22.869	ug/l	95
10) Methyl Iodide	4.29	142	97369	20.954	ug/l	100
11) Tert butyl alcohol	5.25	59	25818	95.783	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	93658	22.211	ug/l	98
13) Acrolein	3.93	56	29807	81.073	ug/l	99
14) Allyl chloride	4.70	41	144676	21.985	ug/l	99
15) Acrylonitrile	5.43	53	90961	97.543	ug/l	97
16) Acetone	4.17	43	84735	99.024	ug/l	97
17) Carbon Disulfide	4.40	76	298509	22.352	ug/l	100
18) Methyl Acetate	4.73	43	46349	18.569	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	193414	19.996	ug/l	99
20) Methylene Chloride	4.96	84	104761	21.566	ug/l	96
21) trans-1,2-Dichloroethene	5.46	96	106191	22.263	ug/l	96
22) Diisopropyl ether	6.36	45	270506	20.822	ug/l	96
23) Vinyl Acetate	6.31	43	772772	100.900	ug/l	99
24) 1,1-Dichloroethane	6.26	63	172930	22.134	ug/l	98
25) 2-Butanone	7.22	43	112696	93.126	ug/l	99
26) 2,2-Dichloropropane	7.20	77	156158	22.983	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	112194	21.575	ug/l	97
28) Bromochloromethane	7.54	49	42184	15.799	ug/l	99
29) Tetrahydrofuran	7.57	42	72599	94.294	ug/l	97
30) Chloroform	7.71	83	175988	21.750	ug/l	100
31) Cyclohexane	7.98	56	171513	22.634	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	166637	22.214	ug/l	99
36) 1,1-Dichloropropene	8.11	75	141849	22.069	ug/l	99
37) Ethyl Acetate	7.30	43	53345	19.559	ug/l	100
38) Carbon Tetrachloride	8.10	117	154767	22.814	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	173254	21.730	ug/l	99
40) Benzene	8.35	78	393817	22.060	ug/l	97
41) Methacrylonitrile	7.53	41	22676	14.498	ug/l #	66
42) 1,2-Dichloroethane	8.43	62	107766	20.700	ug/l	99
43) Isopropyl Acetate	8.46	43	103791	19.355	ug/l	97
44) Trichloroethene	9.11	130	116281	21.623	ug/l	98
45) 1,2-Dichloropropane	9.39	63	95145	22.285	ug/l	96
46) Dibromomethane	9.47	93	49635	20.598	ug/l	98
47) Bromodichloromethane	9.66	83	135296	21.851	ug/l	98
48) Methyl methacrylate	9.46	41	48428	19.735	ug/l	96
49) 1,4-Dioxane	9.46	88	10531	353.910	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	251976	94.966	ug/l	100
52) Toluene	10.40	92	252835	21.732	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	123057	20.854	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	147517	21.044	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	66444	20.137	ug/l	97
56) Ethyl methacrylate	10.66	69	79856	18.975	ug/l	98
57) 1,3-Dichloropropane	10.95	76	113991	20.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	157997	94.179	ug/l	100
59) 2-Hexanone	10.98	43	170837	92.790	ug/l	99
60) Dibromochloromethane	11.14	129	88069	19.686	ug/l	94
61) 1,2-Dibromoethane	11.25	107	64600	19.609	ug/l	98
64) Tetrachloroethene	10.88	164	99206	21.573	ug/l	95
65) Chlorobenzene	11.67	112	267787	21.292	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	99980	21.474	ug/l	99
67) Ethyl Benzene	11.75	91	481758	21.529	ug/l	98
68) m/p-Xylenes	11.86	106	367963	43.126	ug/l	100
69) o-Xylene	12.18	106	168068	21.328	ug/l	100
70) Styrene	12.20	104	286059	20.890	ug/l	99
71) Bromoform	12.37	173	54481	19.558	ug/l #	95
73) Isopropylbenzene	12.48	105	464172	21.951	ug/l	99
74) N-amyl acetate	12.29	43	92219	19.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	68036	19.456	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	41592m	17.202	ug/l	
77) Bromobenzene	12.77	156	110110	21.086	ug/l	99
78) n-propylbenzene	12.83	91	538380	22.066	ug/l	100
79) 2-Chlorotoluene	12.91	91	294617	21.945	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	377062	21.820	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22525	20.314	ug/l	97
82) 4-Chlorotoluene	13.01	91	305794	21.513	ug/l	99
83) tert-Butylbenzene	13.23	119	330937	22.029	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	368076	21.183	ug/l	99
85) sec-Butylbenzene	13.41	105	450592	21.853	ug/l	99
86) p-Isopropyltoluene	13.53	119	417694	21.457	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	205344	20.719	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	206197	21.073	ug/l	99
89) n-Butylbenzene	13.85	91	387063	21.896	ug/l	100
90) Hexachloroethane	14.12	117	81027	22.255	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	178414	21.064	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	11348	19.002	ug/l	90

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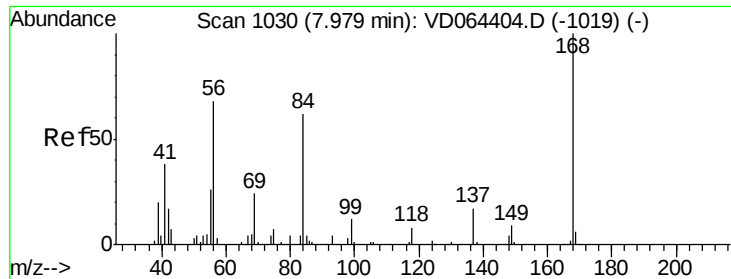
Manual Integrations
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12/11/2019 2:15:20 PM

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QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	130153	20.064	ug/l	100
94) Hexachlorobutadiene	15.28	225	86184	21.521	ug/l	98
95) Naphthalene	15.41	128	200401	18.511	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	112657	20.345	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1210SBS01

Tot Ion:168 Resp: 467824

Ion Ratio Lower Upper

168 100

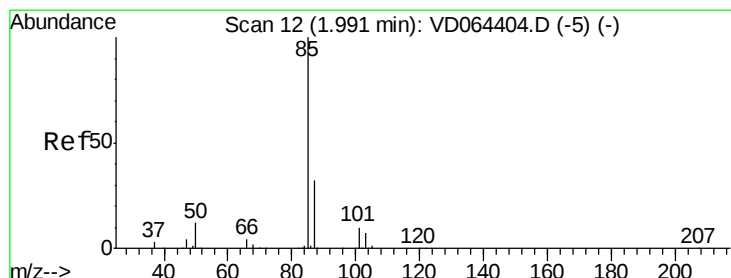
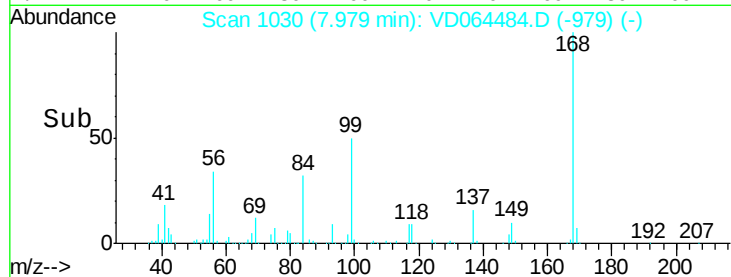
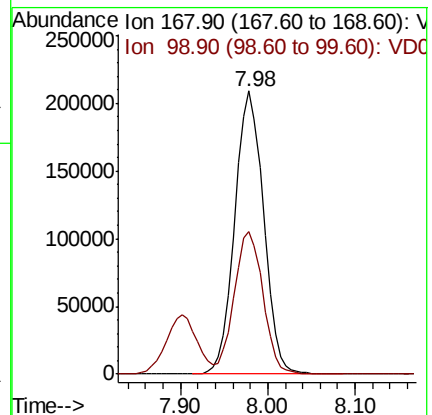
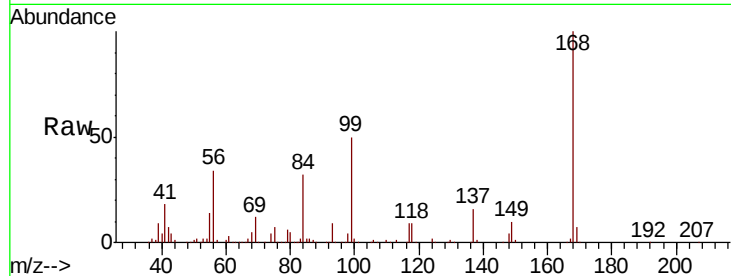
99 50.1 40.7 61.1

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#2

Dichlorodifluoromethane

Concen: 22.274 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064484.D

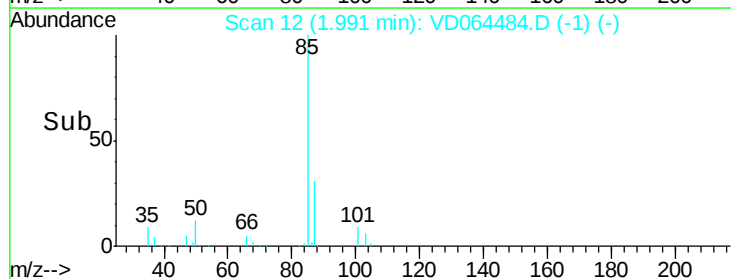
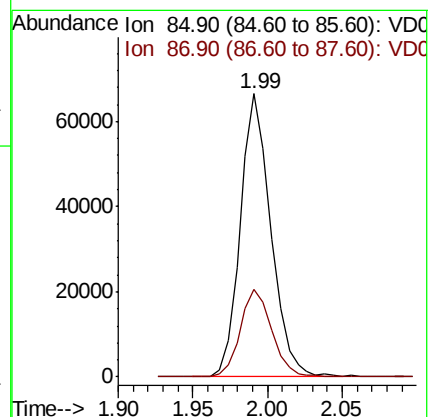
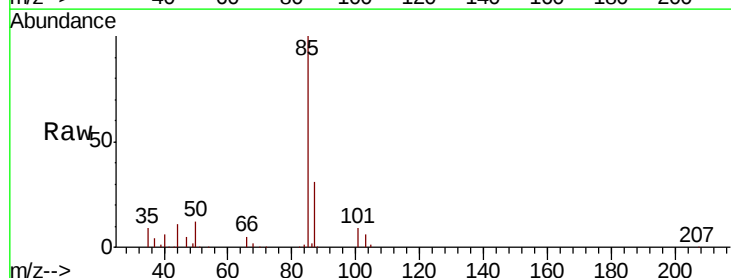
Acq: 10 Dec 2019 11:43

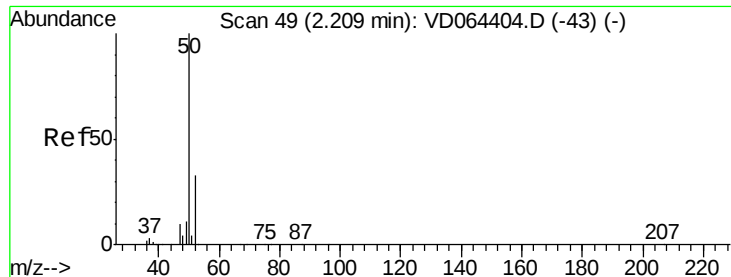
Tgt Ion: 85 Resp: 94417

Ion Ratio Lower Upper

85 100

87 31.0 16.1 48.2





#3

Chloromethane

Concen: 22.084 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1210SBS01

Tot Ion: 50 Resp: 118073

Ion Ratio Lower Upper

50 100

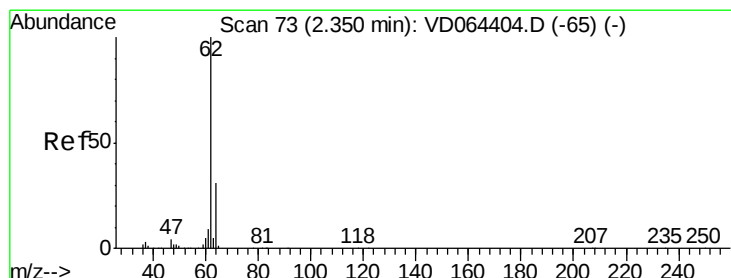
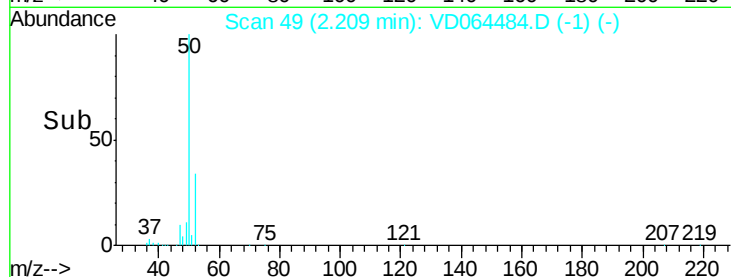
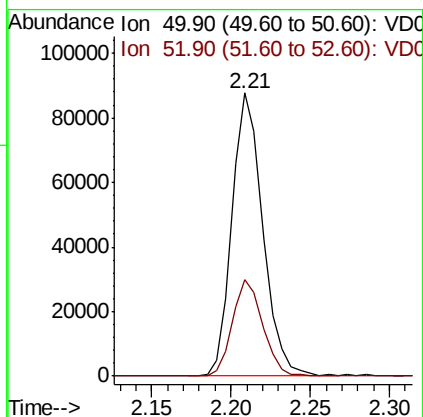
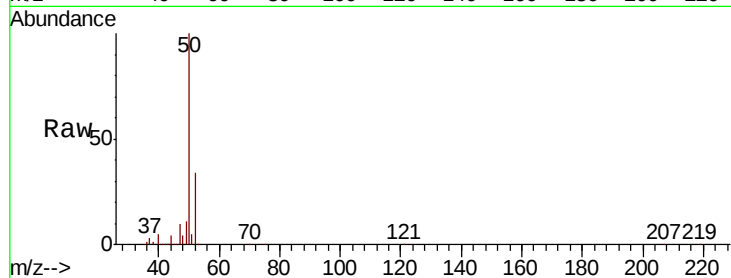
52 34.1 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.459 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064484.D

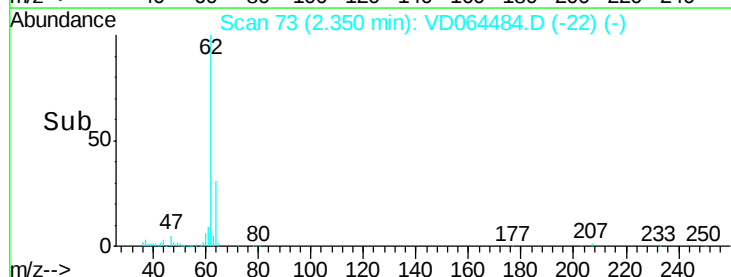
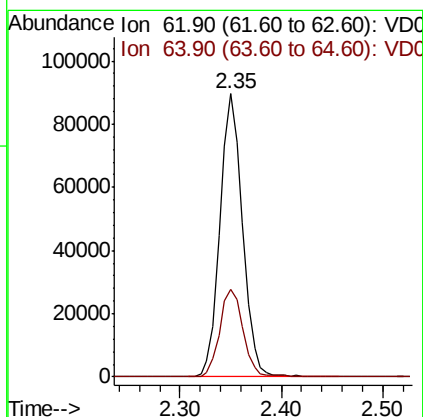
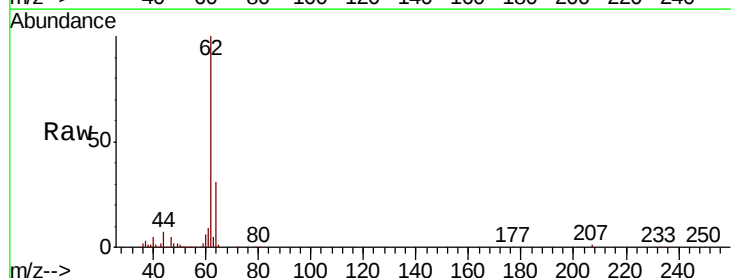
Acq: 10 Dec 2019 11:43

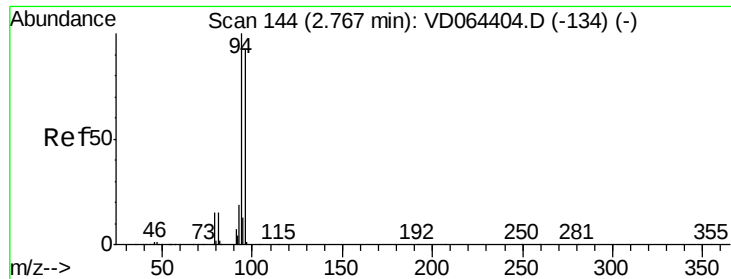
Tgt Ion: 62 Resp: 138643

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4





#5

Bromomethane

Concen: 20.518 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1210SBS01

Tot Ion: 94 Resp: 93666

Ion Ratio Lower Upper

94 100

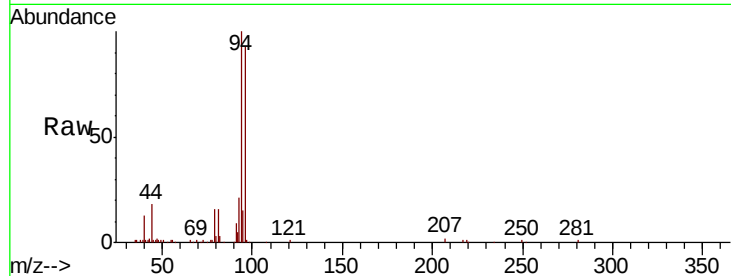
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Manual Integrations

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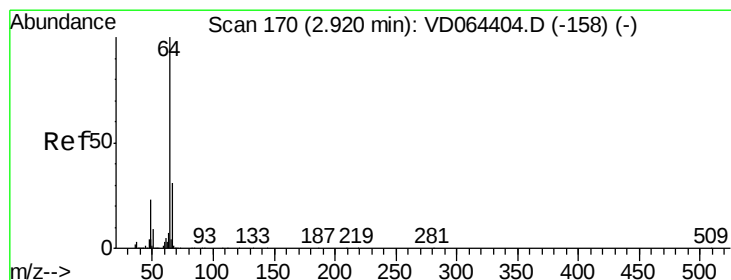
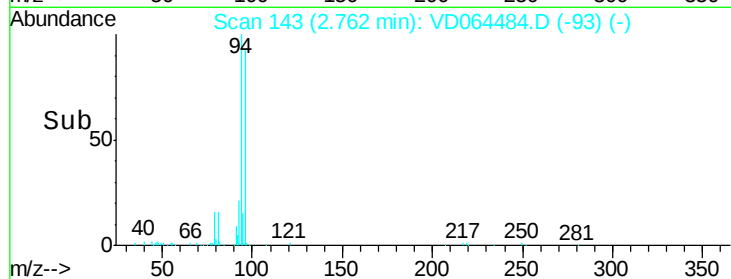
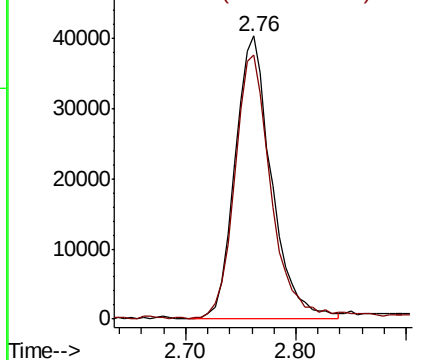
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 23.004 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064484.D

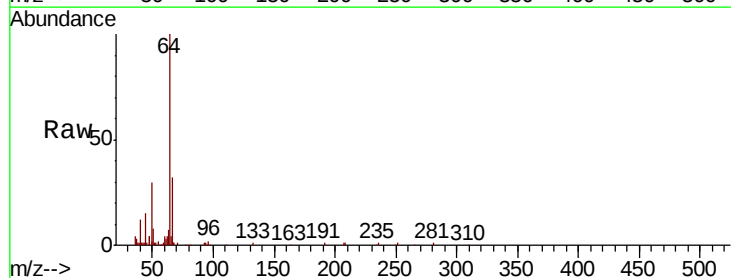
Acq: 10 Dec 2019 11:43

Tgt Ion: 64 Resp: 94917

Ion Ratio Lower Upper

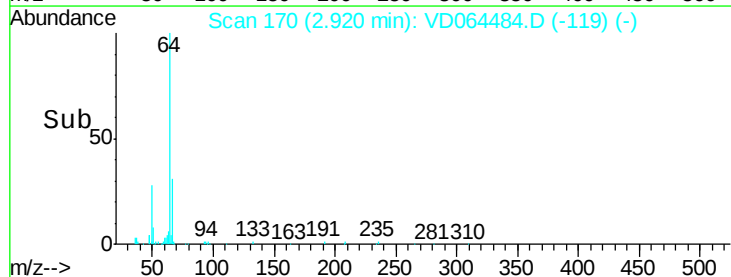
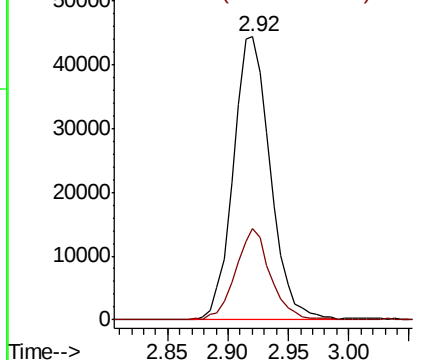
64 100

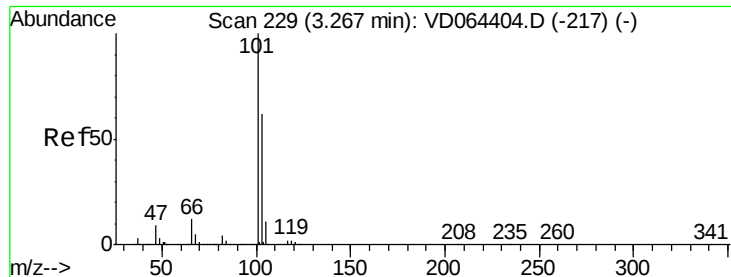
66 32.2 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

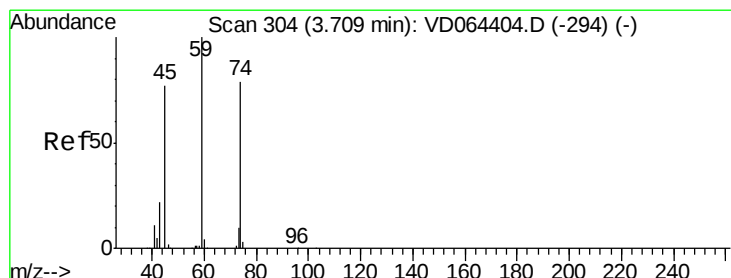
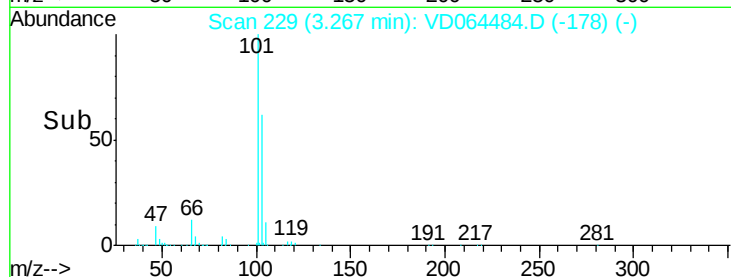
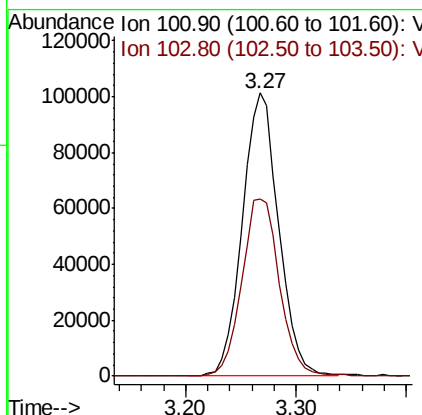
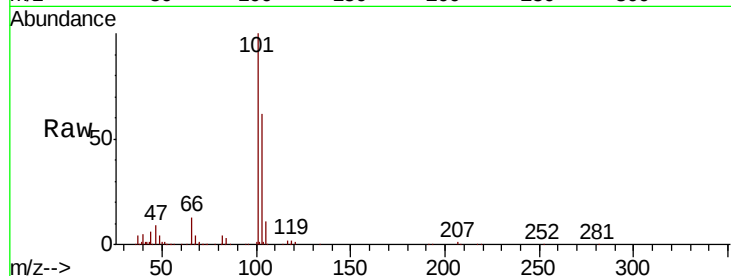
Trichlorofluoromethane
 Concen: 22.783 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
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 VD1210SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	49.8	74.6

Manual Integrations
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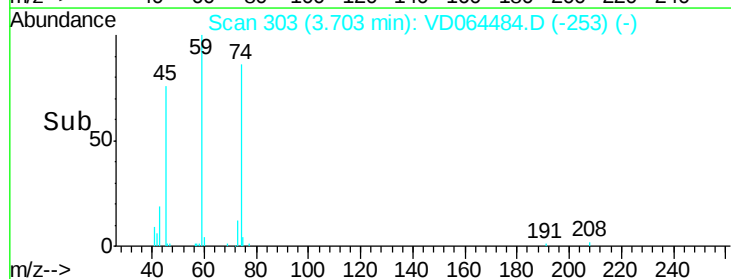
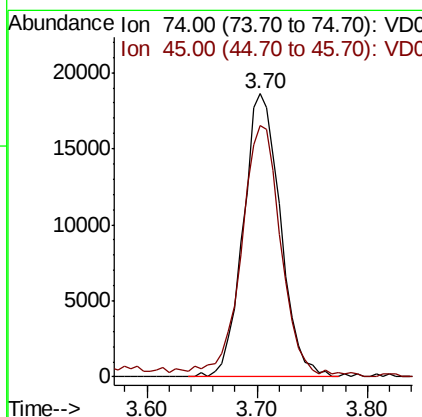
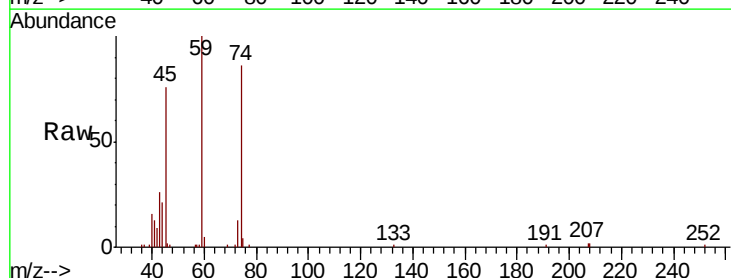
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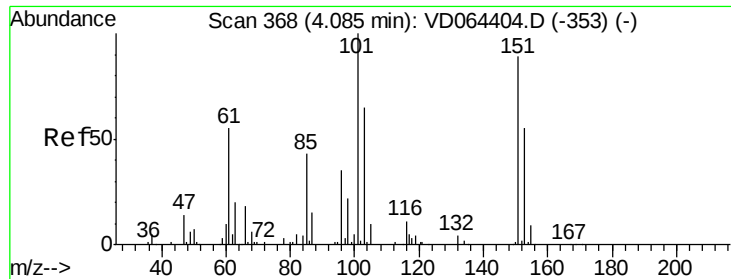


#8

Diethyl Ether
 Concen: 20.623 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.1	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.869 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

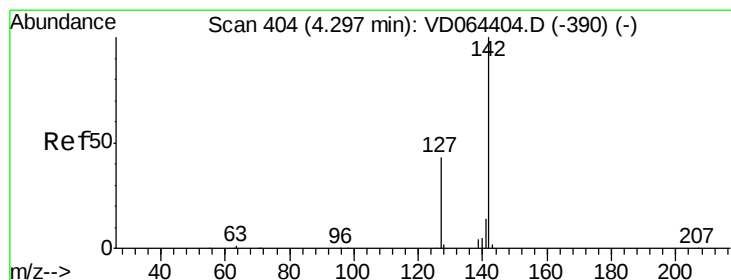
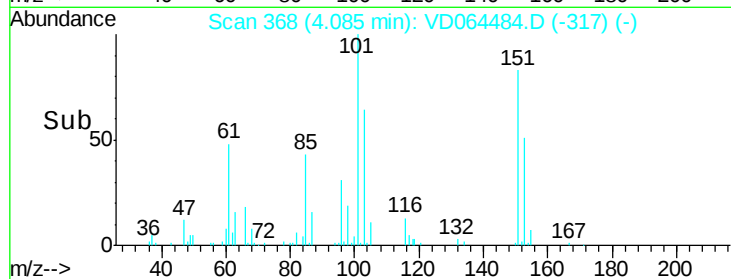
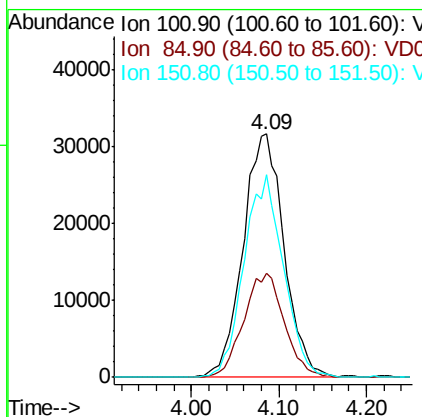
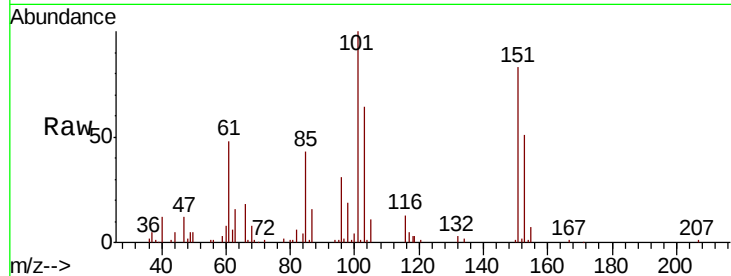
ClientSampleId :

VD1210SBS01

Tot Ion:	101	Resp:	100628
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.8	52.2
151	80.4	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 20.954 ug/l

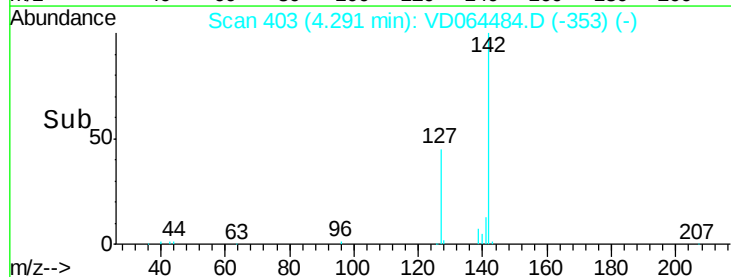
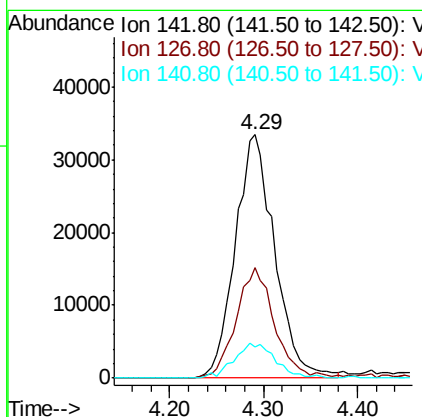
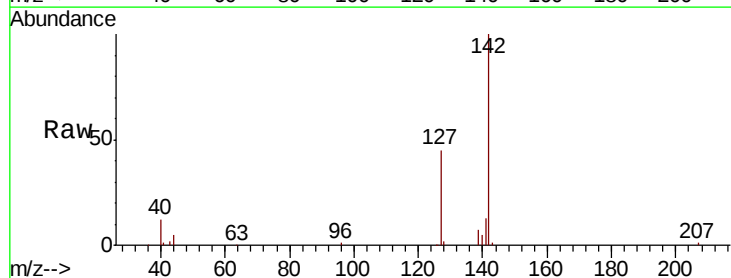
RT: 4.29 min Scan# 403

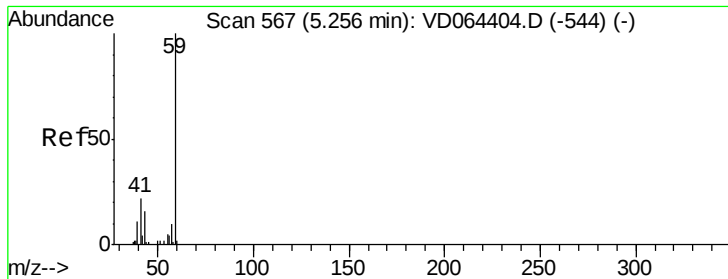
Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Tgt Ion:	142	Resp:	97369
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.3	52.9
141	15.1	11.6	17.4





#11

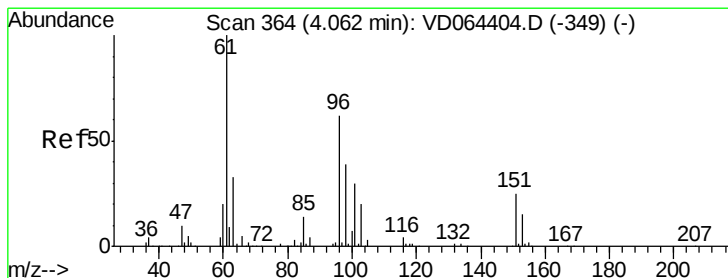
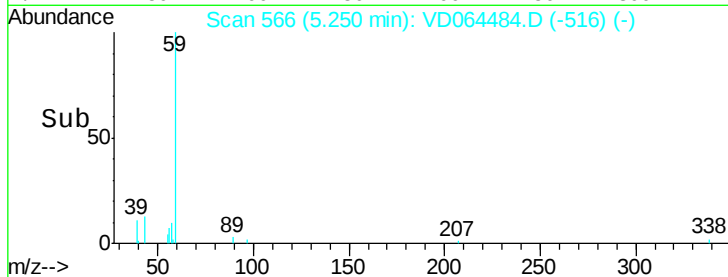
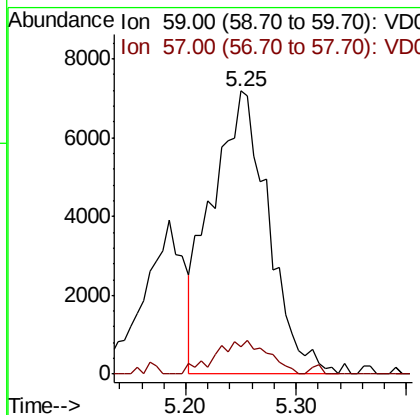
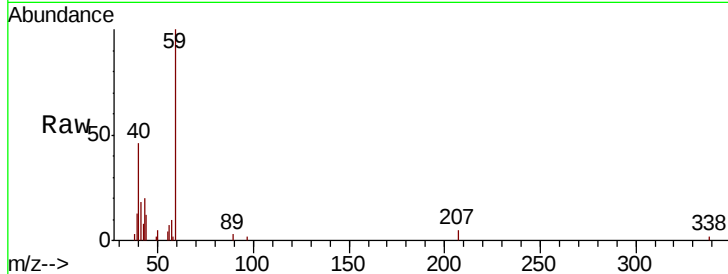
Tert butyl alcohol
 Concen: 95.783 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	0.0	0.0#

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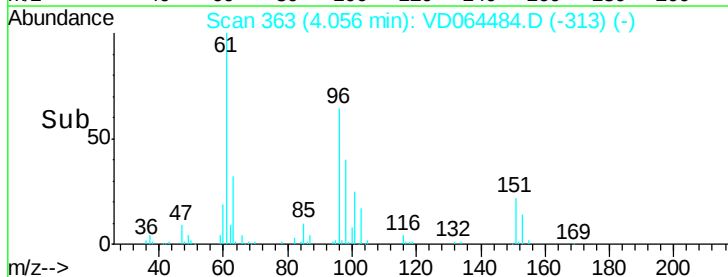
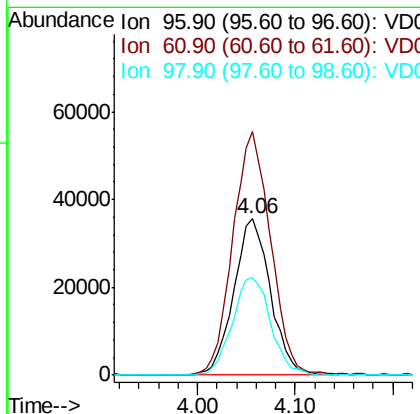
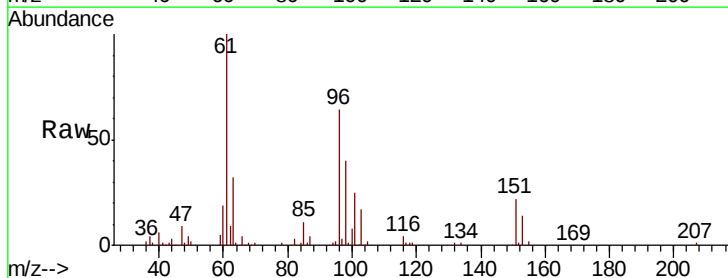
apatel
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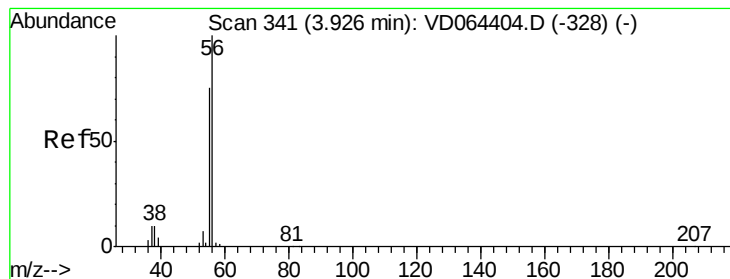


#12

1,1-Dichloroethene
 Concen: 22.211 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	128.2	192.4
98	62.6	50.4	75.6





#13

Acrolein

Concen: 81.073 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1210SBS01

Tot Ion: 56 Resp: 29807

Ion Ratio Lower Upper

56 100

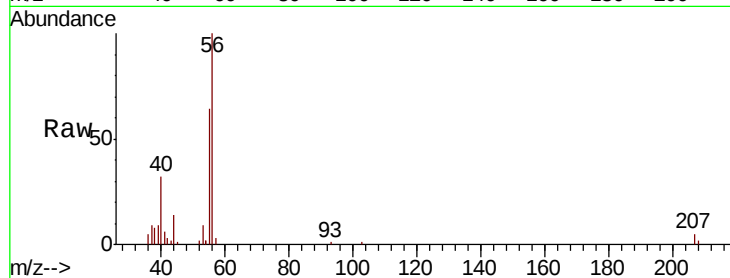
55 70.0 56.9 85.3

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

12000

10000

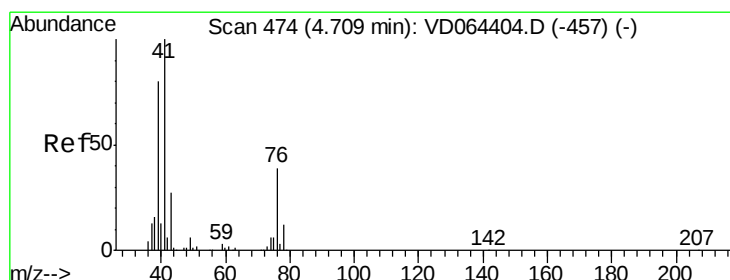
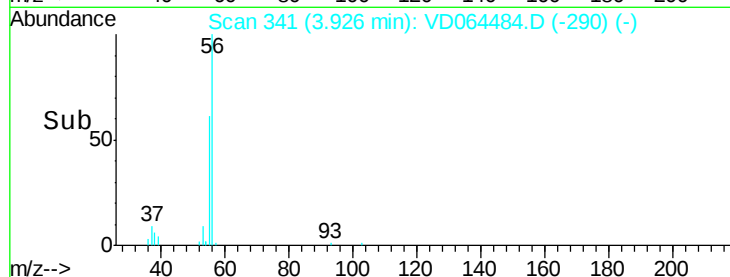
8000

6000

4000

2000

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 21.985 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

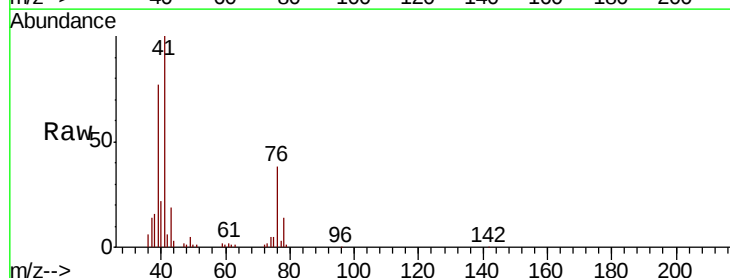
Tgt Ion: 41 Resp: 144676

Ion Ratio Lower Upper

41 100

39 77.0 62.1 93.1

76 38.1 29.8 44.8



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

60000

50000

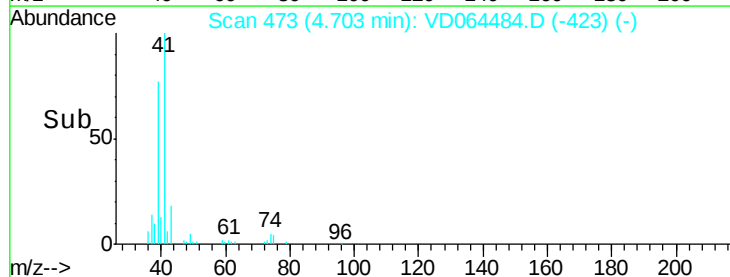
40000

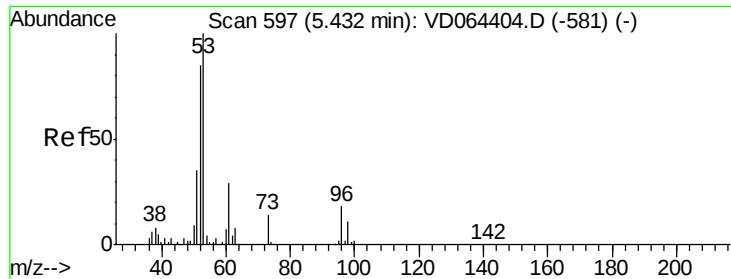
30000

20000

10000

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 97.543 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

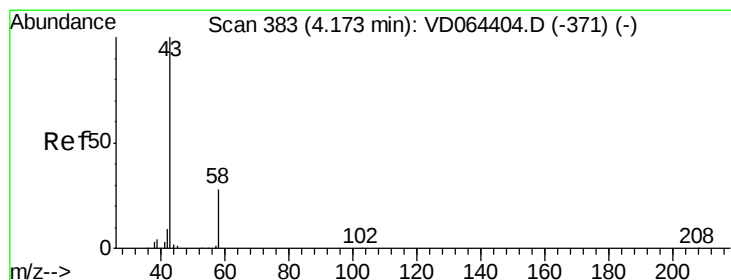
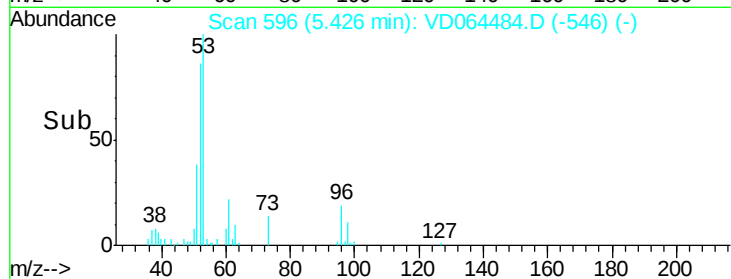
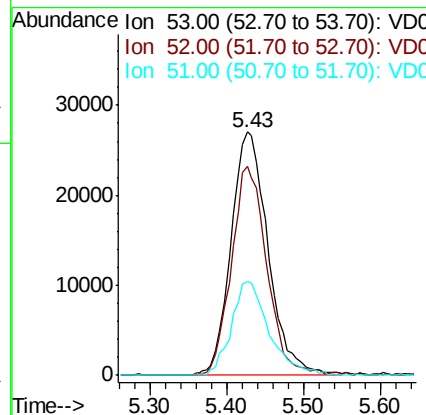
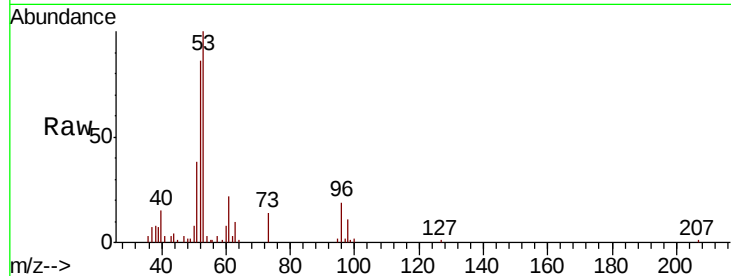
ClientSampleId :

VD1210SBS01

Tot Ion:	53	Resp:	90961
Ion Ratio	Lower	Upper	
53	100		
52	82.2	67.9	101.9
51	39.3	30.6	45.8

Manual Integrations
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#16

Acetone

Concen: 99.024 ug/l

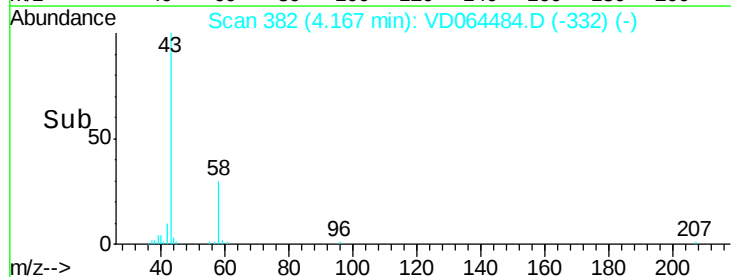
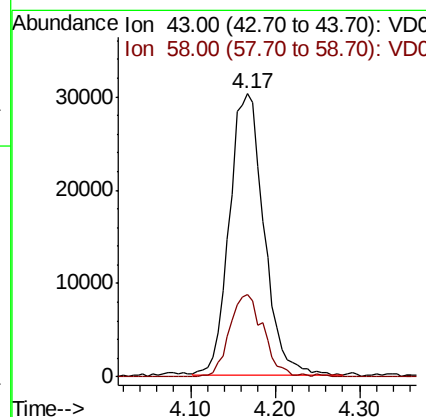
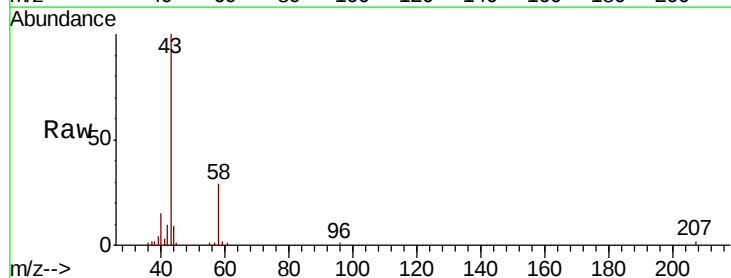
RT: 4.17 min Scan# 382

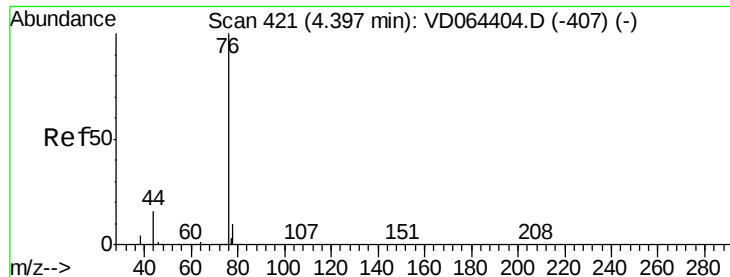
Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Tgt Ion:	43	Resp:	84735
Ion Ratio	Lower	Upper	
43	100		
58	29.6	22.6	33.8





#17

Carbon Disulfide

Concen: 22.352 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1210SBS01

Tot Ion: 76 Resp: 298509

Ion Ratio Lower Upper

76 100

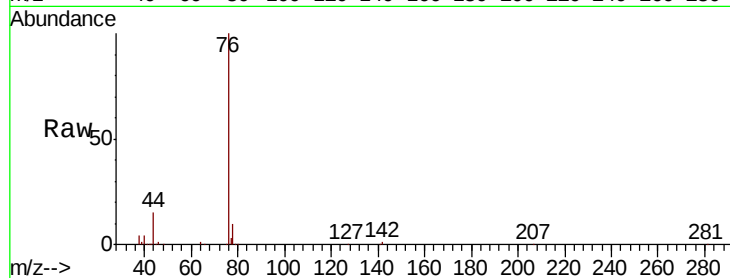
78 9.6 7.8 11.8

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

120000

100000

80000

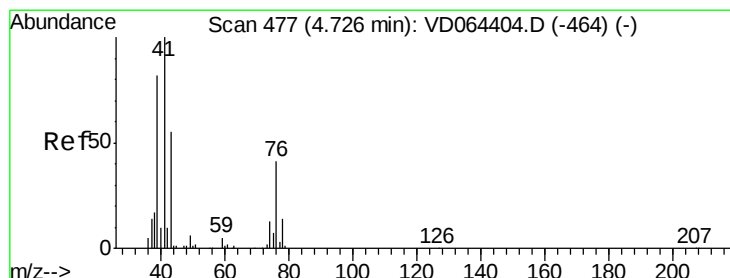
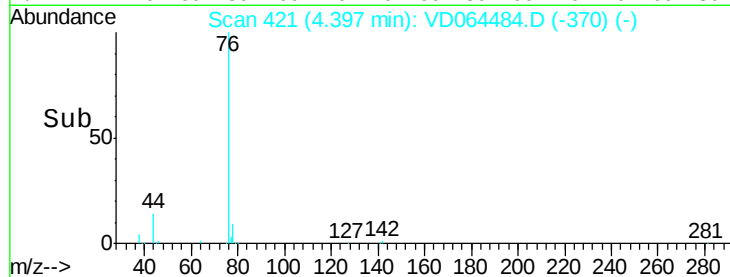
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.569 ug/l

RT: 4.73 min Scan# 477

Delta R.T. -0.00 min

Lab File: VD064484.D

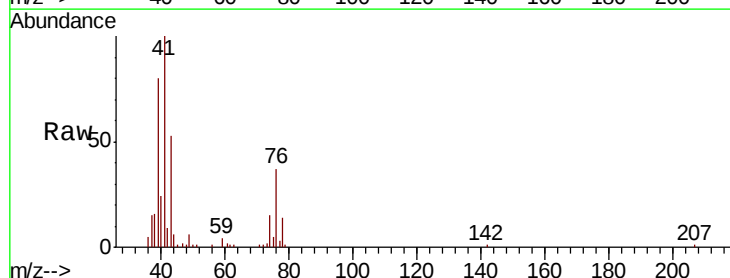
Acq: 10 Dec 2019 11:43

Tgt Ion: 43 Resp: 46349

Ion Ratio Lower Upper

43 100

74 25.5 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

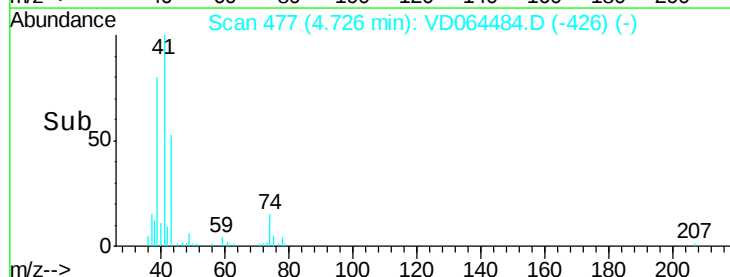
15000

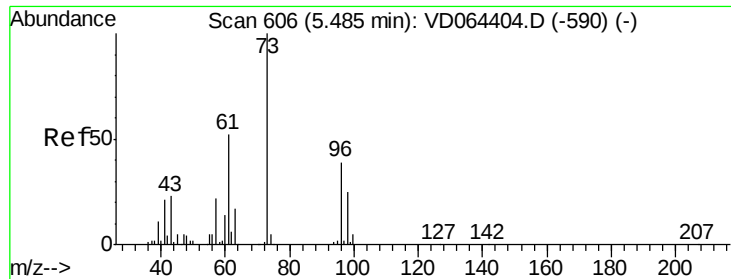
10000

5000

0

Time-->





#19

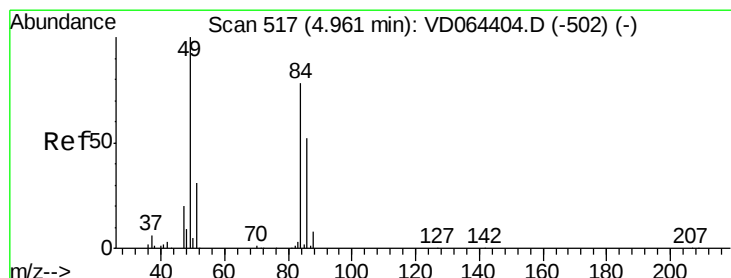
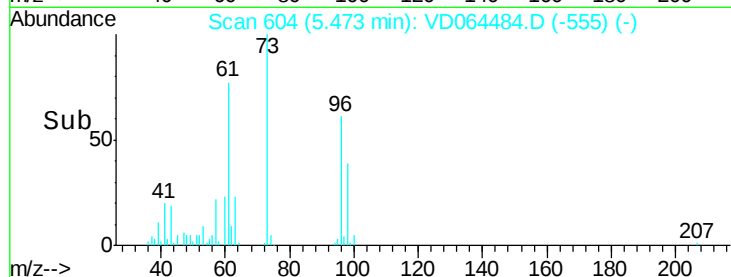
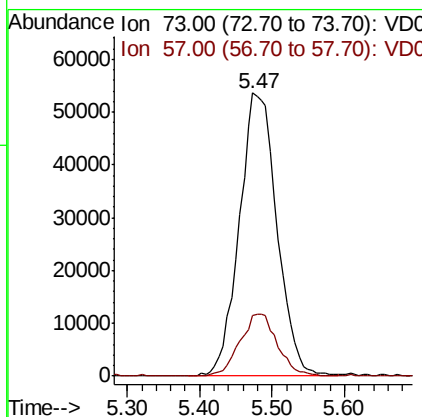
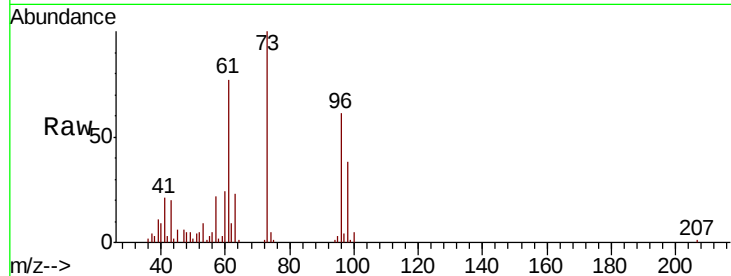
Methyl tert-butyl Ether
 Concen: 19.996 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1210SBS01

Tot Ion: 73 Resp: 193414
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.6 26.4

Manual Integrations
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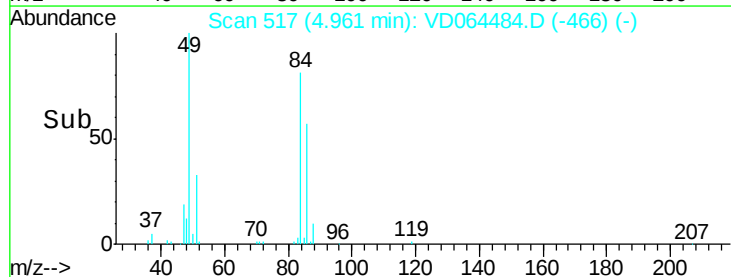
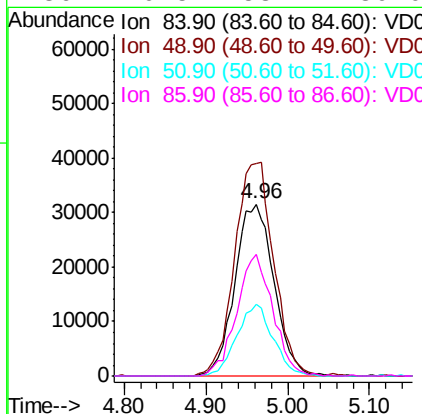
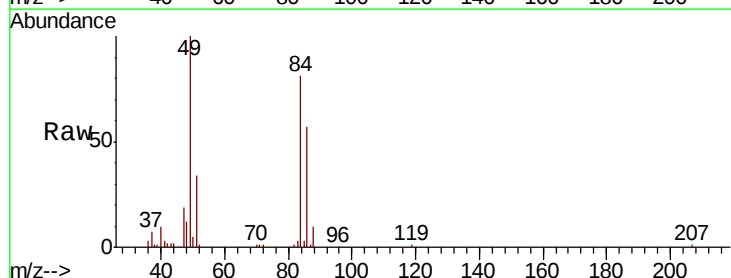
apatel
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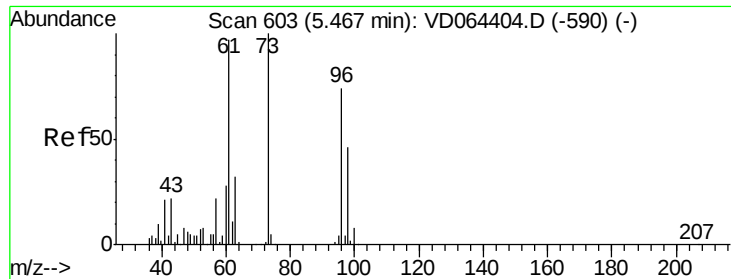


#20

Methylene Chloride
 Concen: 21.566 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion: 84 Resp: 104761
 Ion Ratio Lower Upper
 84 100
 49 123.9 102.6 153.8
 51 41.8 32.0 48.0
 86 70.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 22.263 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

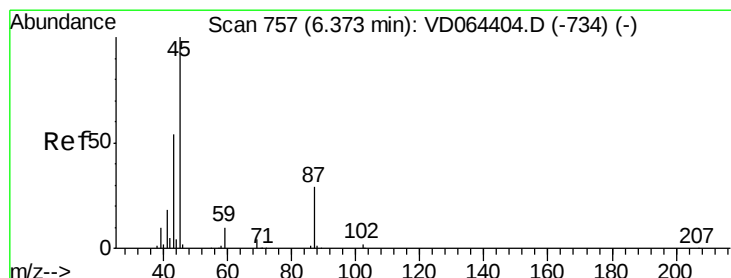
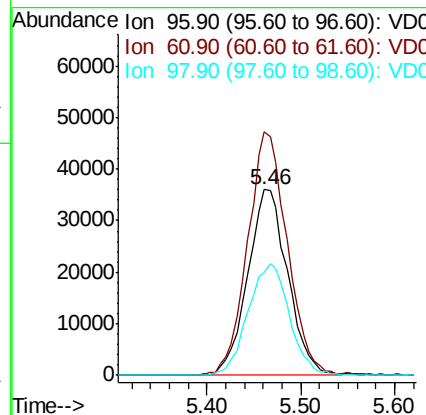
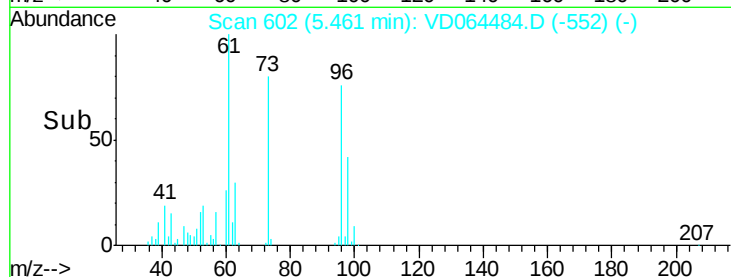
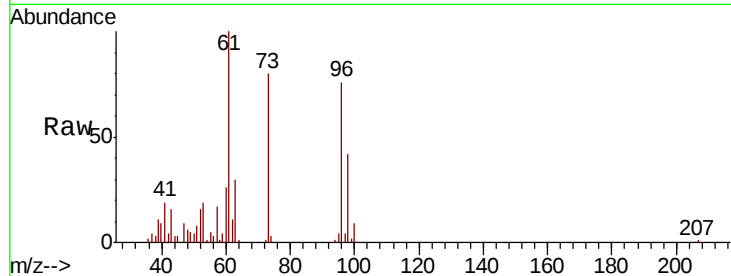
ClientSampleId :

VD1210SBS01

Tot Ion:	96	Resp:	106191
Ion	Ratio	Lower	Upper
96	100		
61	131.2	105.8	158.6
98	55.1	50.1	75.1

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#22

Diisopropyl ether

Concen: 20.822 ug/l

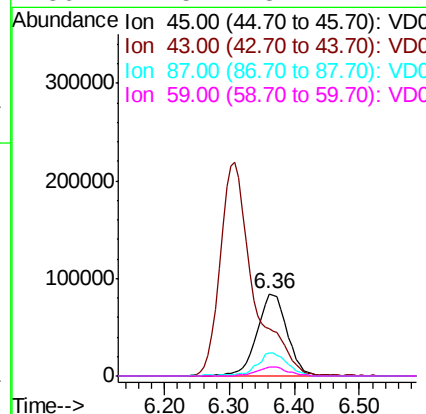
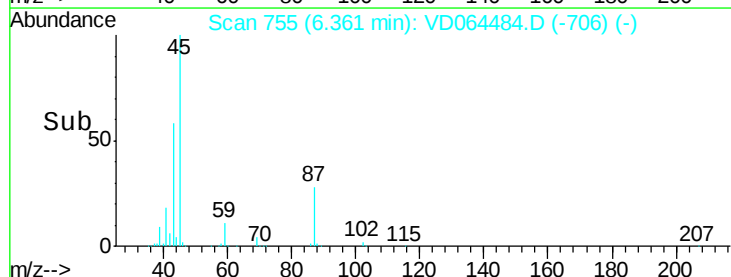
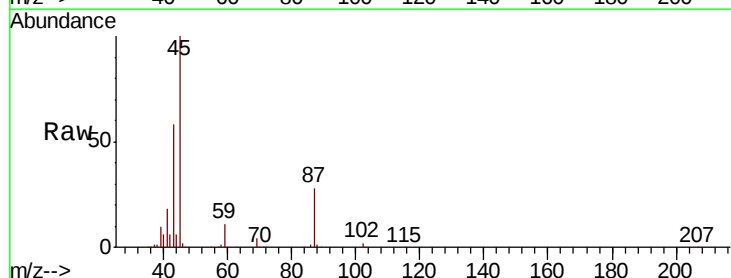
RT: 6.36 min Scan# 755

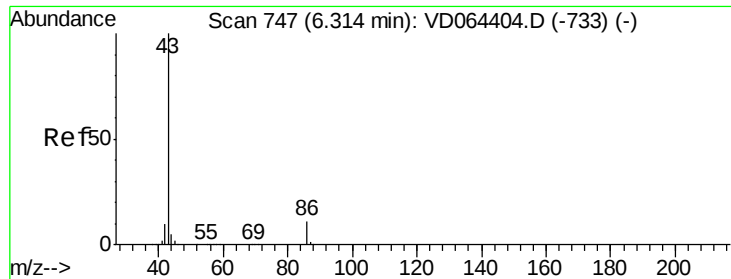
Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Tgt Ion:	45	Resp:	270506
Ion	Ratio	Lower	Upper
45	100		
43	57.3	43.1	64.7
87	27.8	23.5	35.3
59	11.5	8.2	12.2





#23

Vinyl Acetate

Concen: 100.900 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Tot Ion: 43 Resp: 772772

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3

Instrument :

MSVOA_D

ClientSampleId :

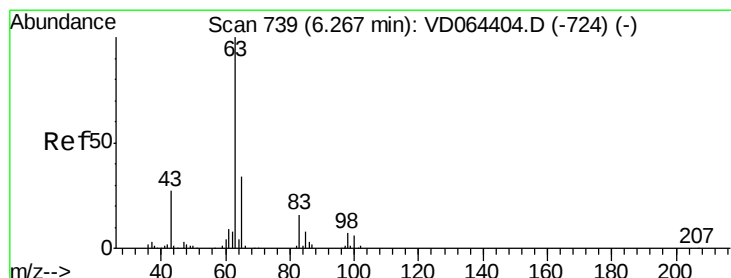
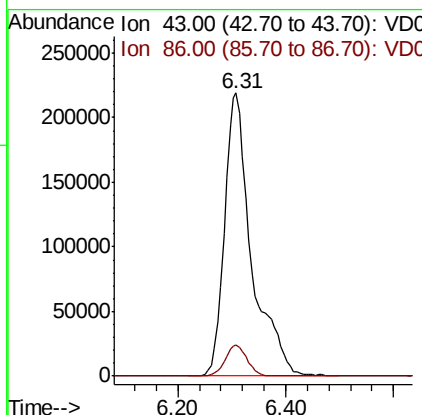
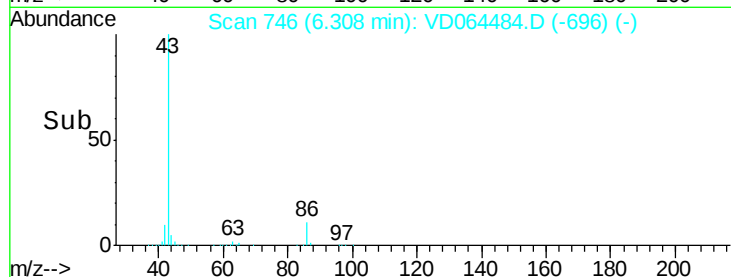
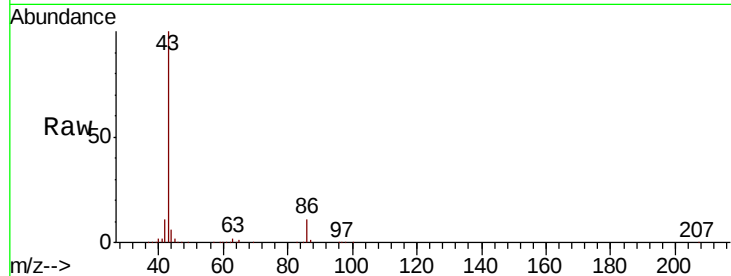
VD1210SBS01

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#24

1,1-Dichloroethane

Concen: 22.134 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

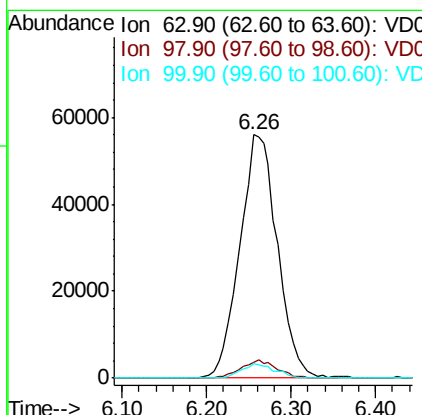
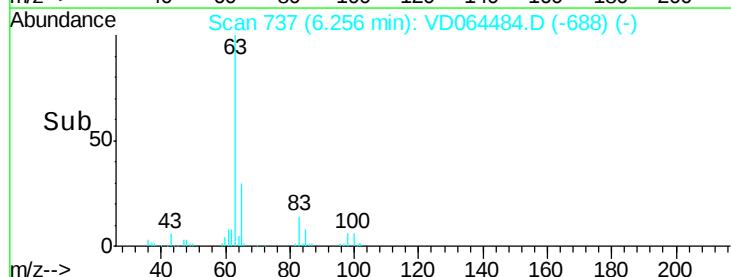
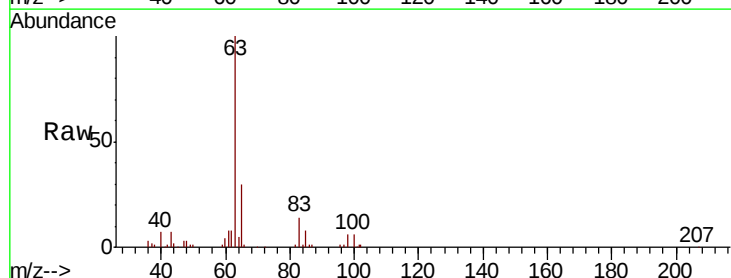
Tgt Ion: 63 Resp: 172930

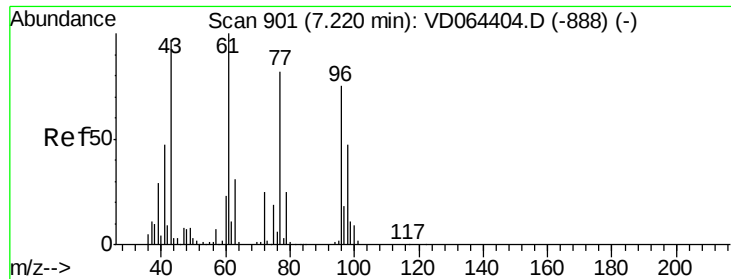
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.9

100 6.1 2.9 8.6





#25

2-Butanone

Concen: 93.126 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1210SBS01

Tot Ion: 43 Resp: 112696

Ion Ratio Lower Upper

43 100

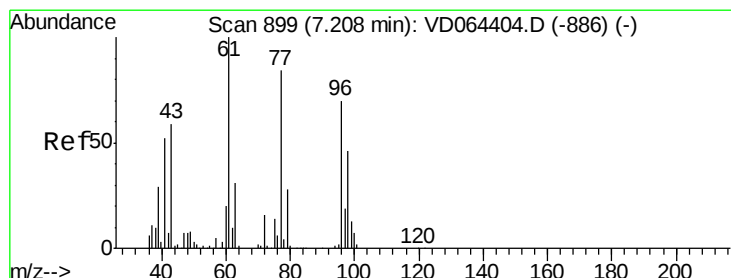
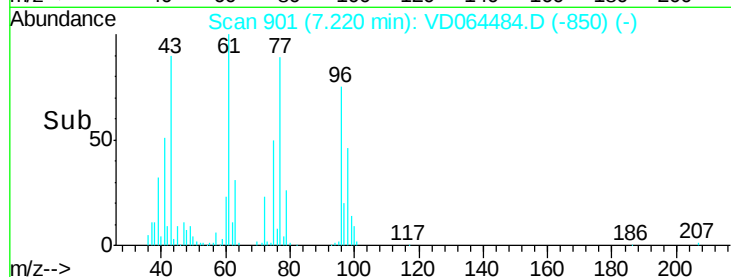
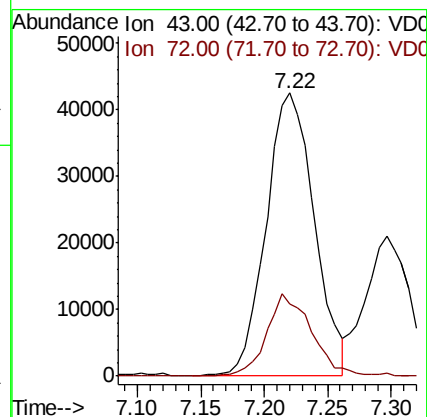
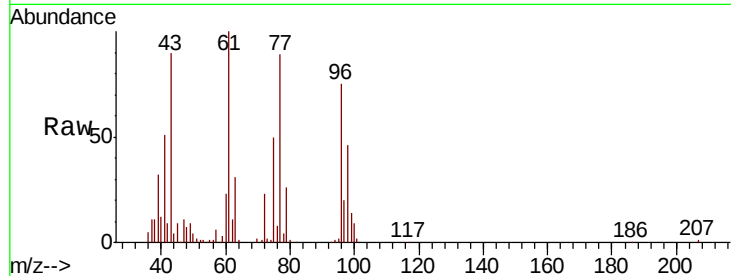
72 25.5 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.983 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD064484.D

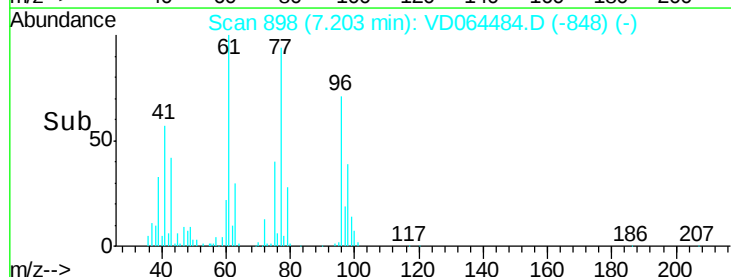
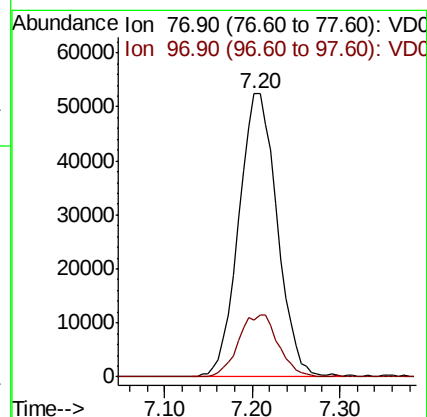
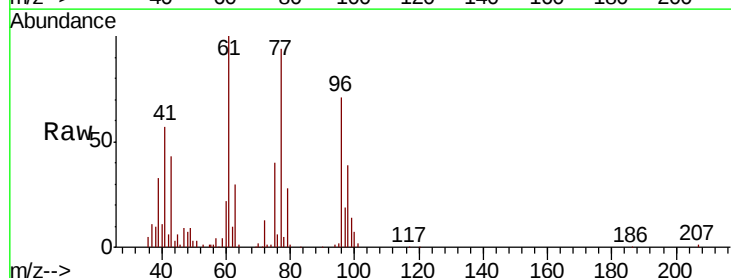
Acq: 10 Dec 2019 11:43

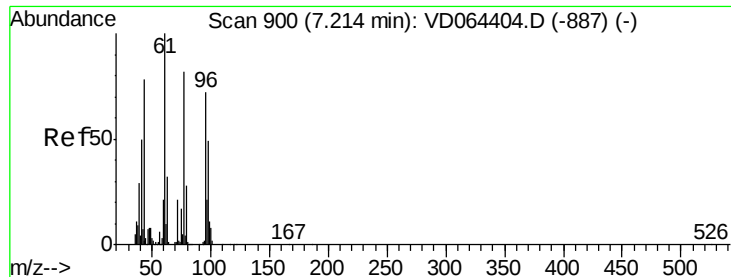
Tgt Ion: 77 Resp: 156158

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.7





#27

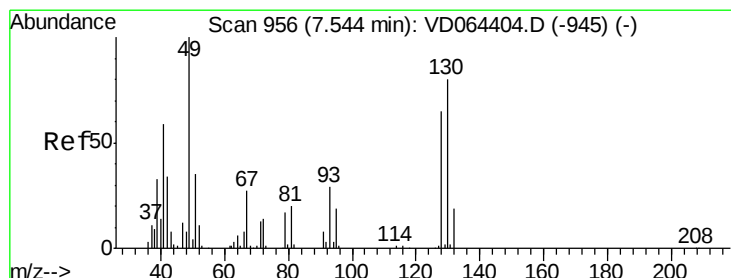
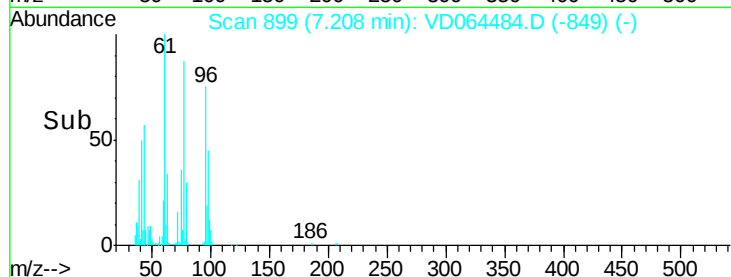
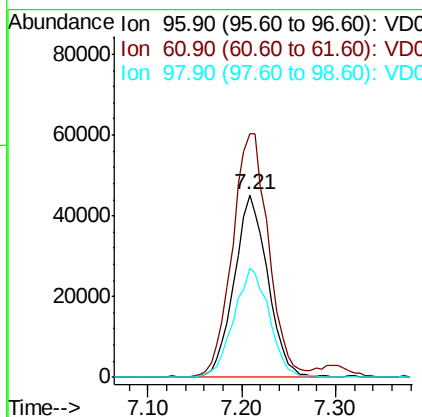
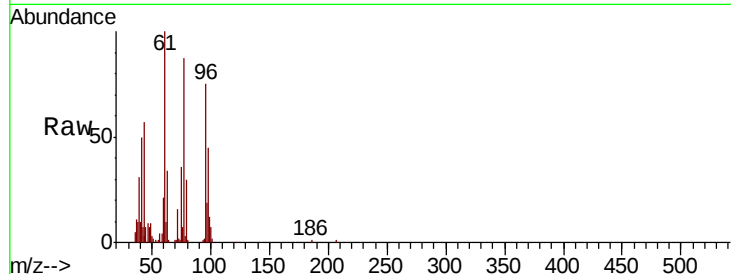
cis-1,2-Dichloroethene
Concen: 21.575 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	112194		
61	144.4	0.0	279.6	
98	62.8	0.0	129.2	

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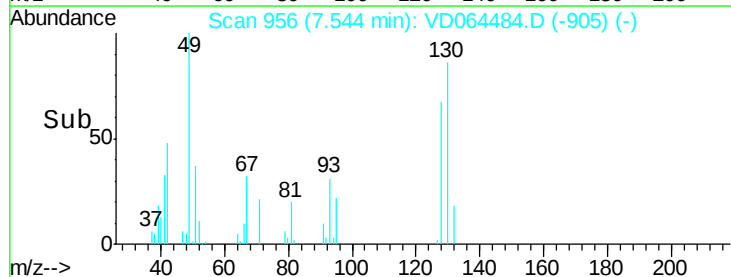
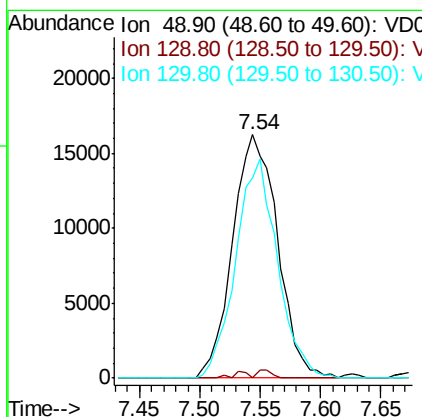
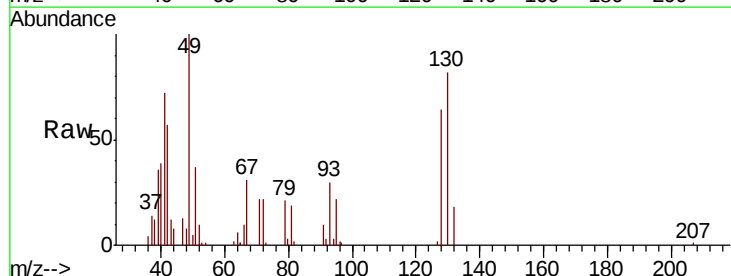
apatel
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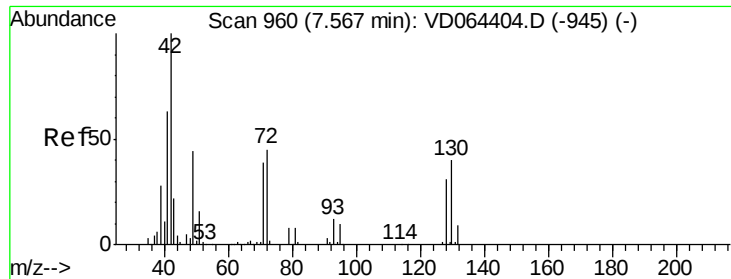


#28

Bromochloromethane
Concen: 15.799 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42184		
129	1.0	0.0	4.4	
130	83.7	67.4	101.0	





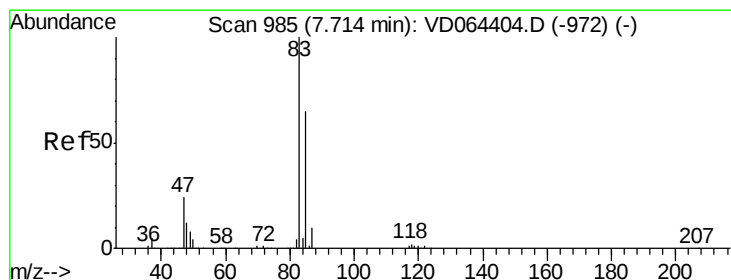
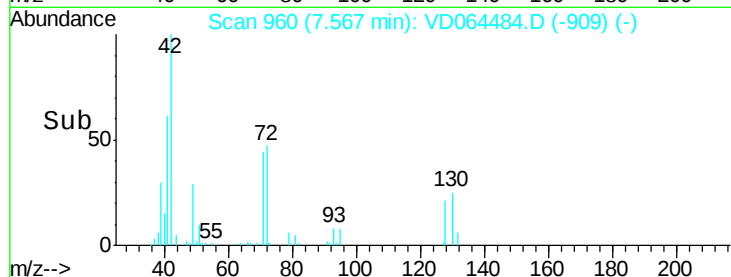
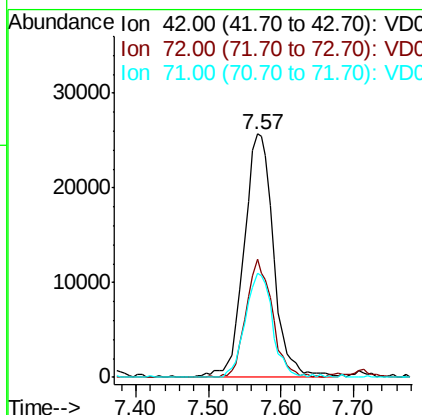
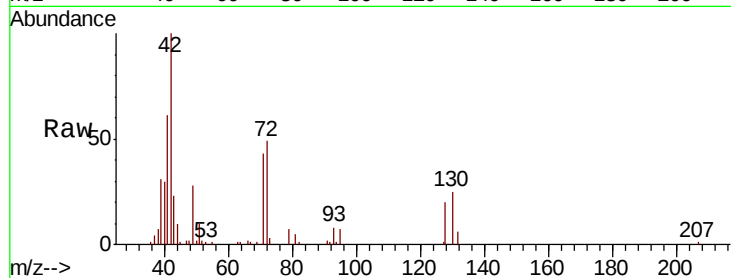
#29
Tetrahydrofuran
Concen: 94.294 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	35.8	53.8
71	39.4	32.7	49.1

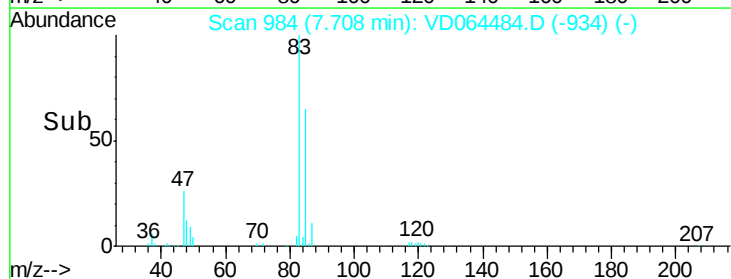
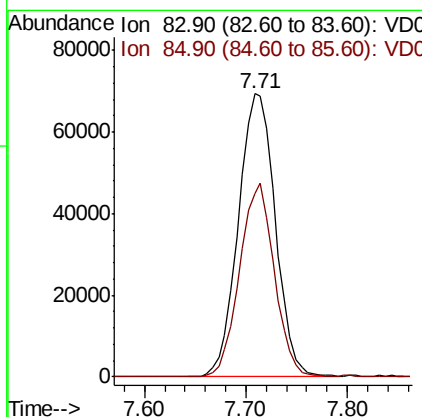
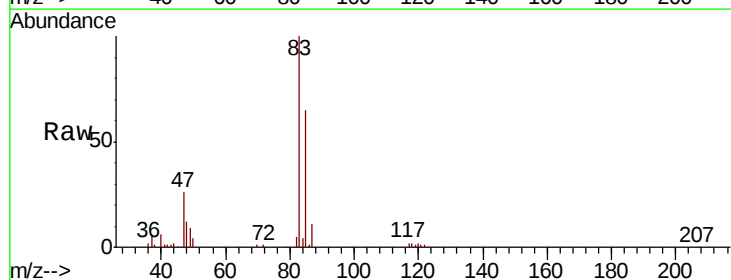
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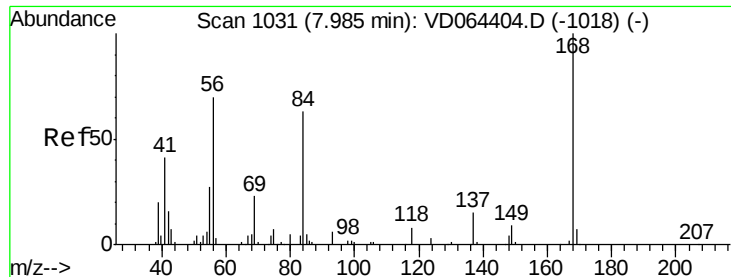
apatel
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#30
Chloroform
Concen: 21.750 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6





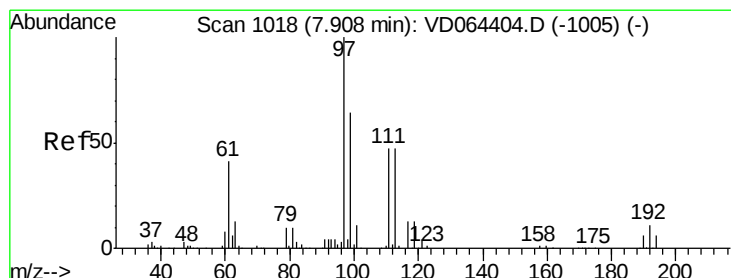
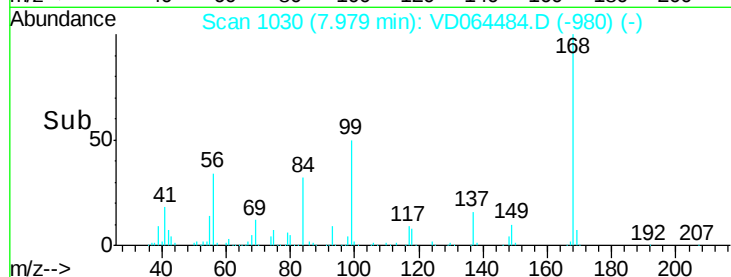
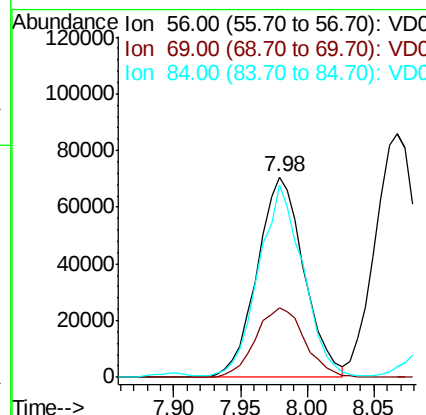
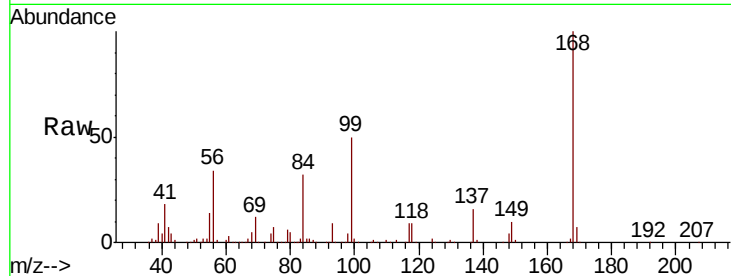
#31
Cyclohexane
Concen: 22.634 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	26.2	39.4
84	94.9	70.3	105.5

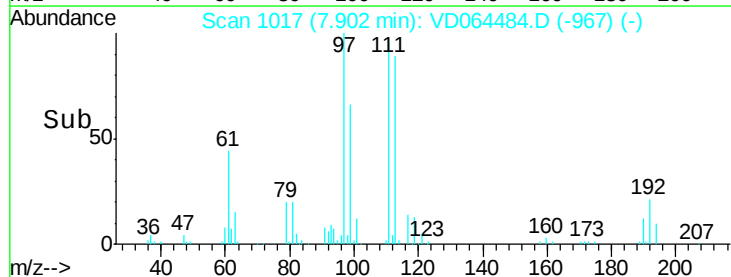
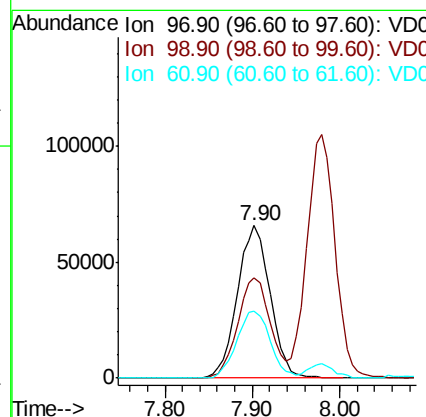
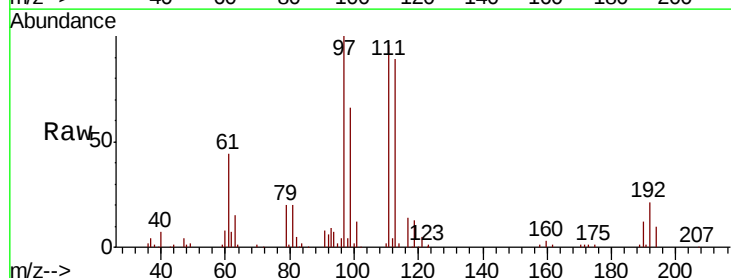
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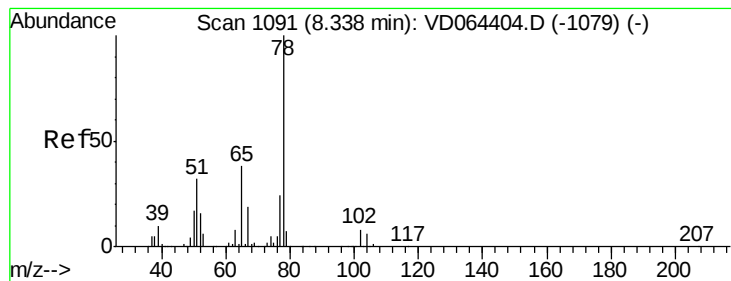
apatel
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#32
1,1,1-Trichloroethane
Concen: 22.214 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.2
61	45.0	35.0	52.4





#33

1,2-Dichloroethane-d4

Concen: 47.361 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1210SBS01

Tot Ion: 65 Resp: 200551

Ion Ratio Lower Upper

65 100

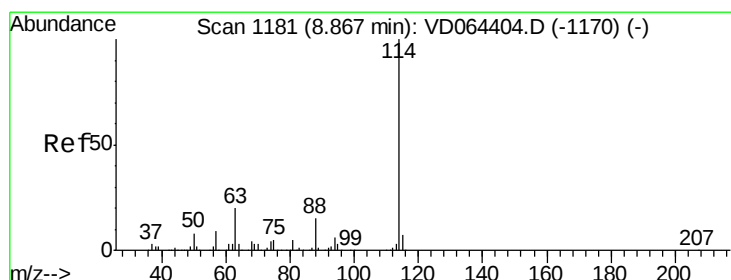
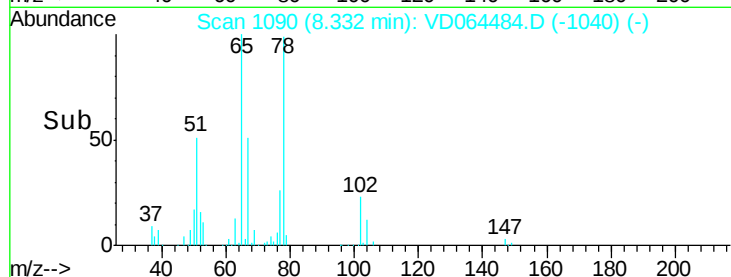
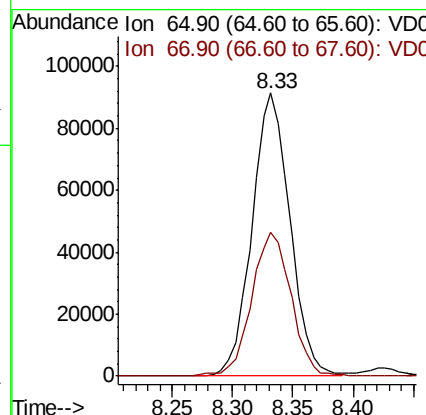
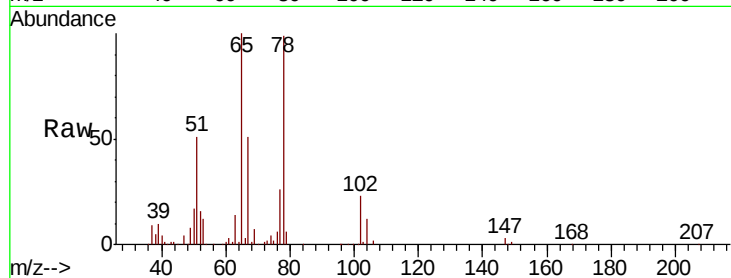
67 52.8 0.0 102.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

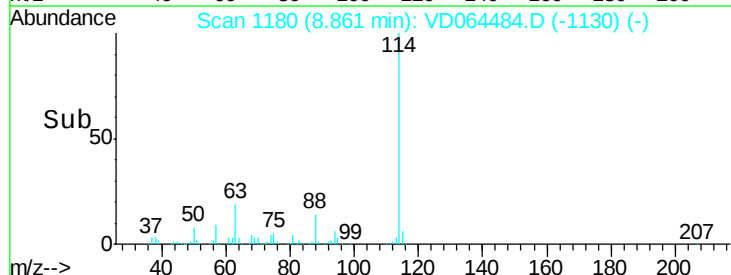
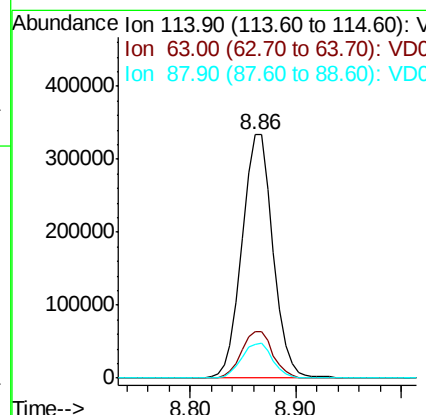
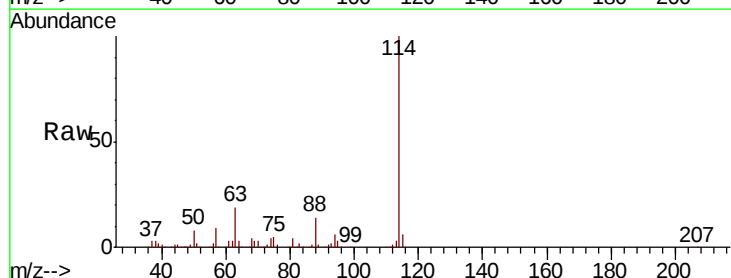
Tgt Ion: 114 Resp: 679550

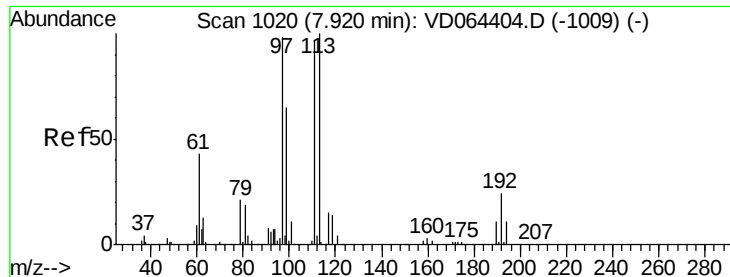
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 14.1 0.0 29.2





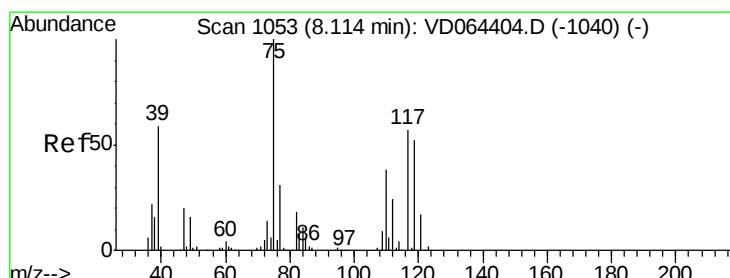
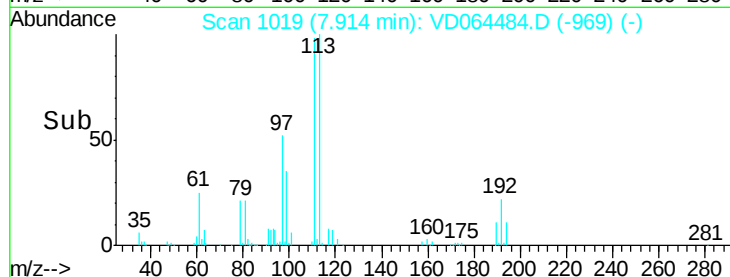
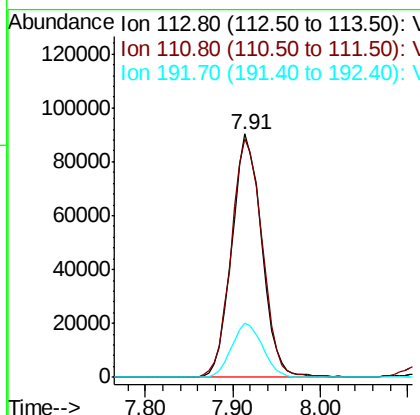
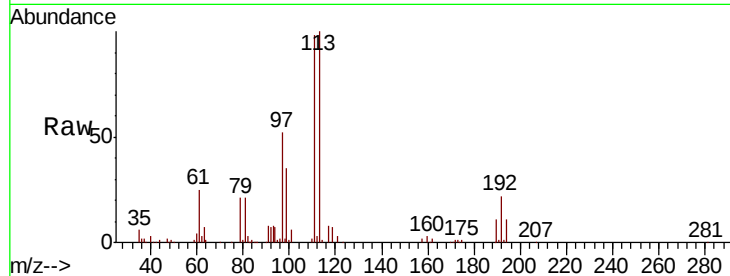
#35
 Dibromofluoromethane
 Concen: 48.870 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	79.4	119.2
192	22.8	18.6	28.0

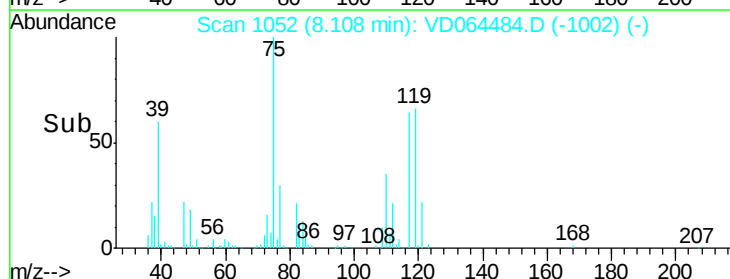
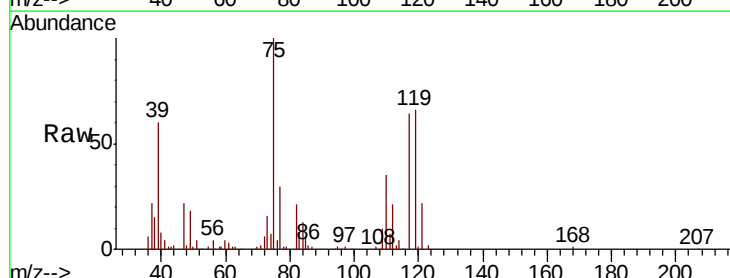
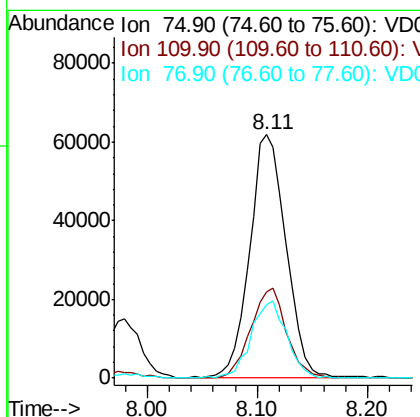
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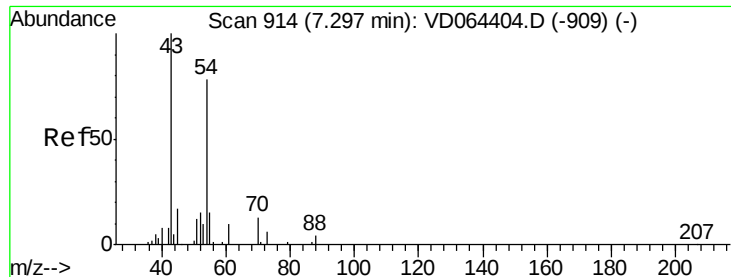
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#36
 1,1-Dichloropropene
 Concen: 22.069 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.6	55.8
77	31.7	25.0	37.4





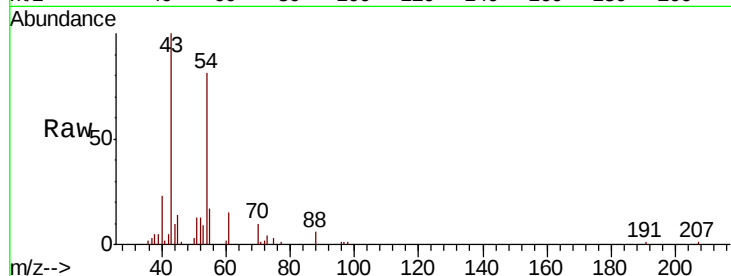
#37
Ethyl Acetate
Concen: 19.559 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	10.6	8.3	12.5

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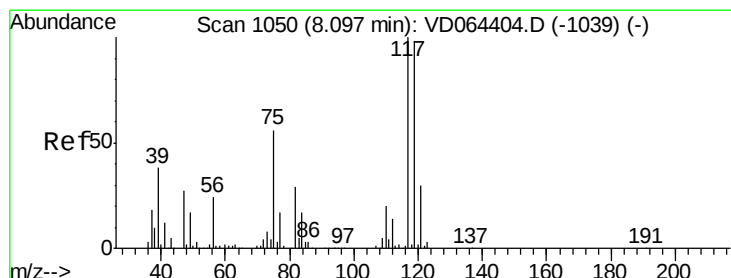
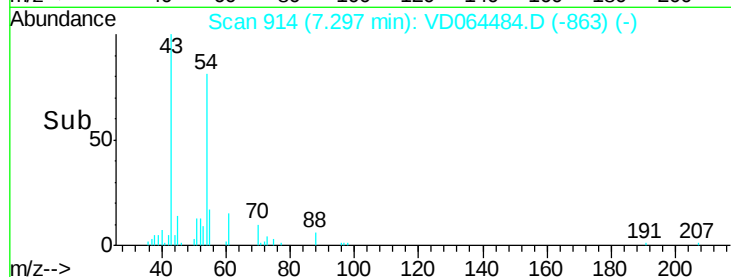
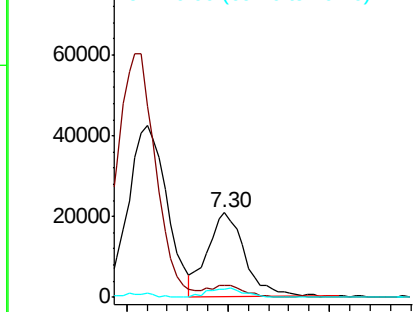


Abundance

Ion 43.00 (42.70 to 43.70): VDC

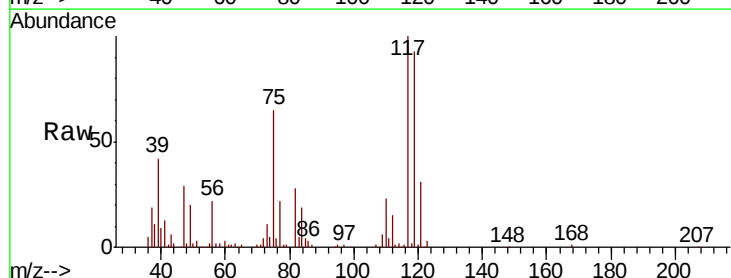
Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38
Carbon Tetrachloride
Concen: 22.814 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	78.8	118.2
121	30.5	24.2	36.2

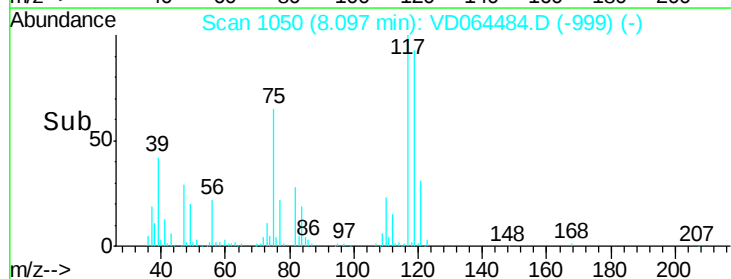
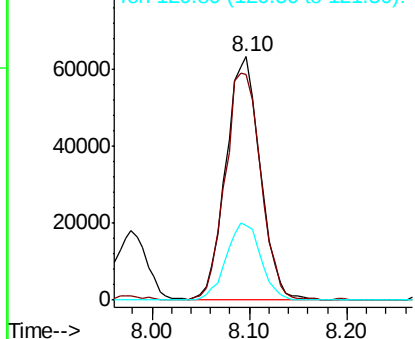


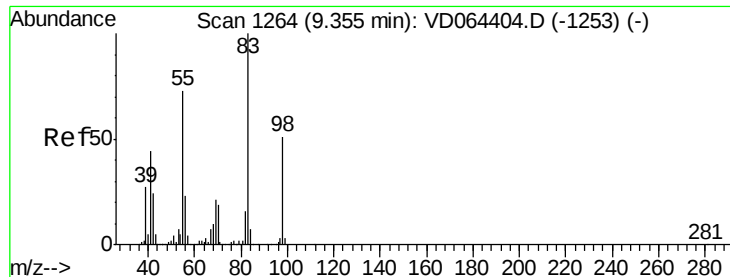
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





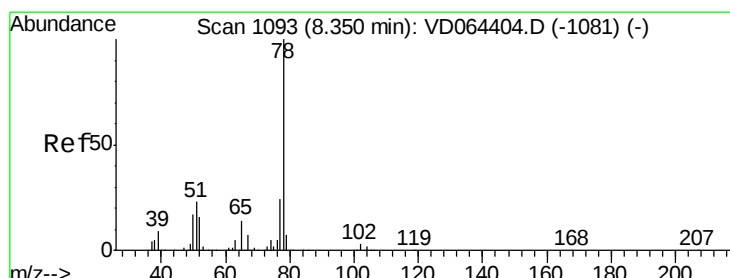
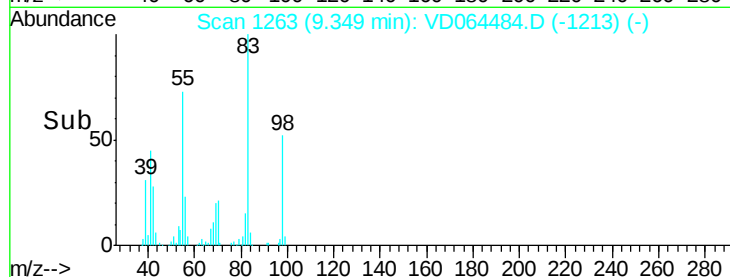
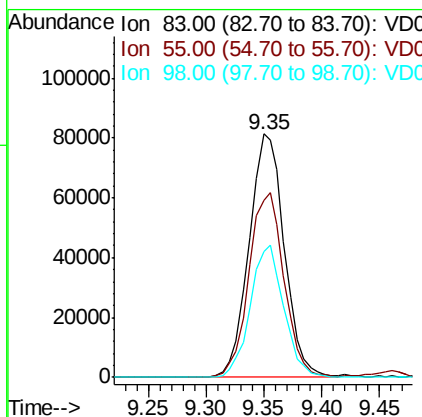
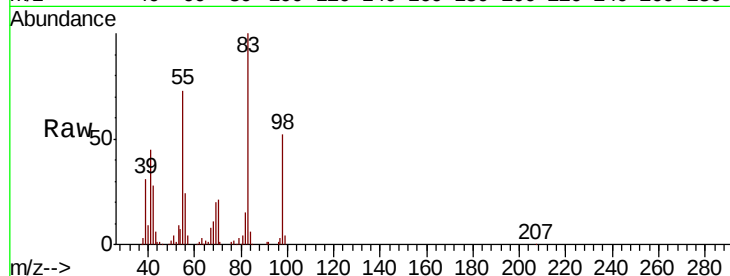
#39
Methvlcvclohexane
Concen: 21.730 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	58.6	87.8
98	51.6	40.9	61.3

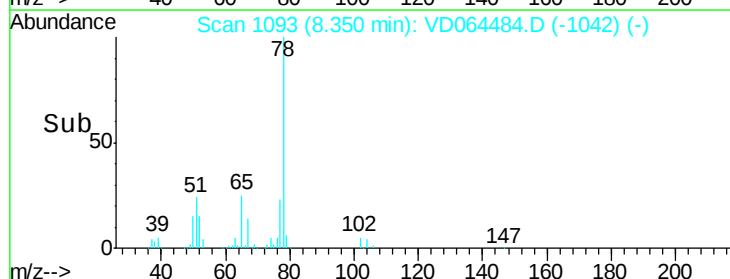
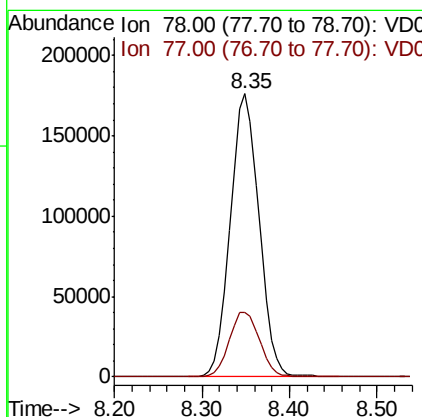
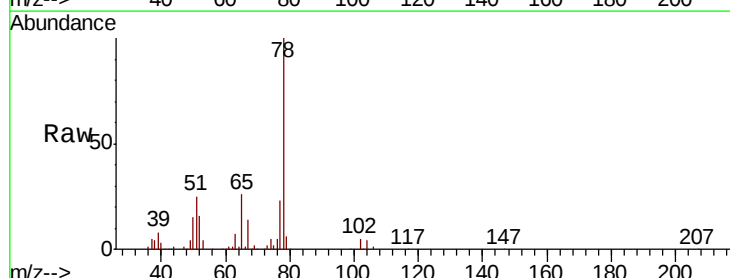
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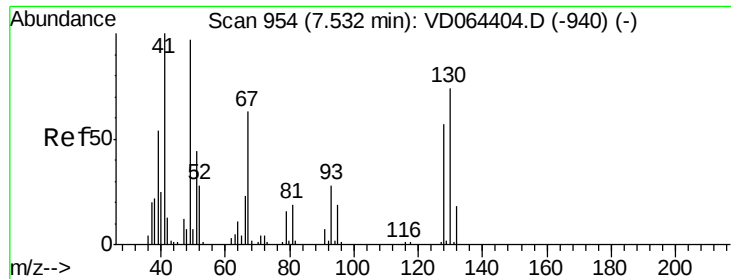
apatel
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#40
Benzene
Concen: 22.060 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.6	29.4





#41

Methacrylonitrile

Concen: 14.498 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1210SBS01

Tot Ion: 41 Resp: 22676

Ion Ratio Lower Upper

41 100

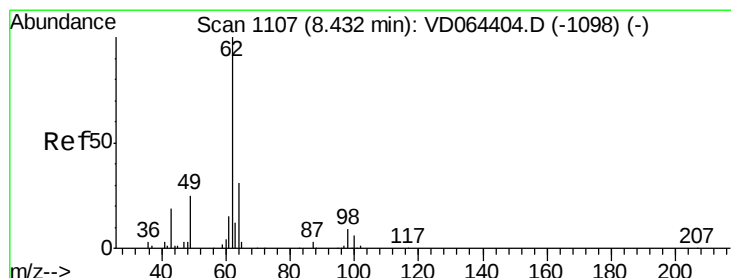
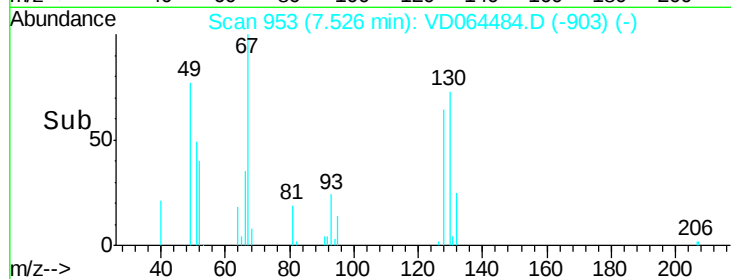
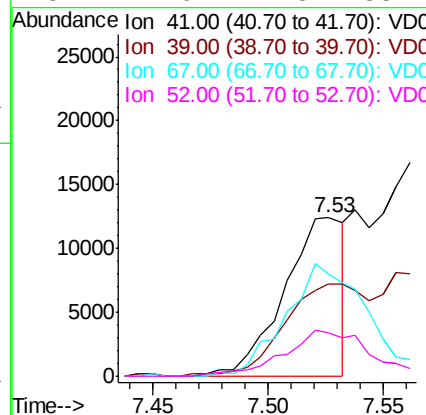
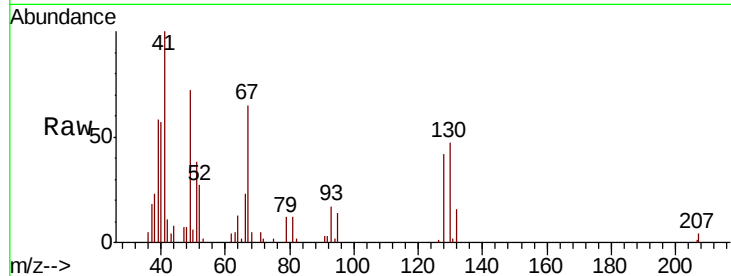
39 78.3 44.6 67.0#

67 94.6 50.9 76.3#

52 41.6 22.5 33.7#

Manual Integrations
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apatel
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#42

1,2-Dichloroethane

Concen: 20.700 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD064484.D

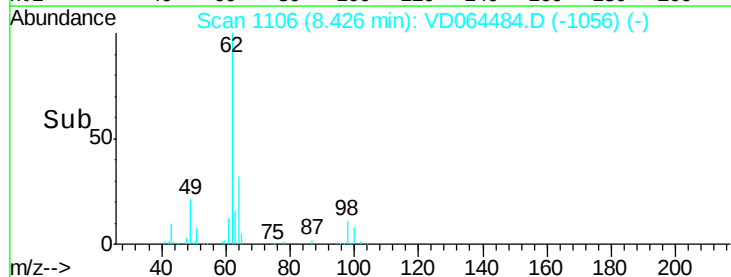
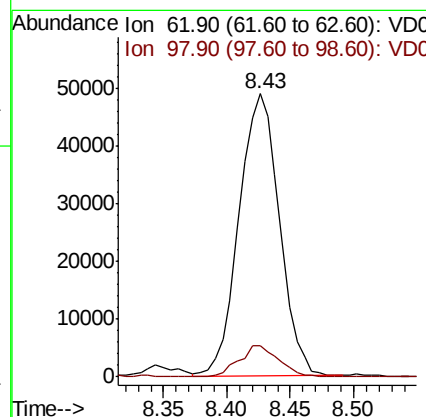
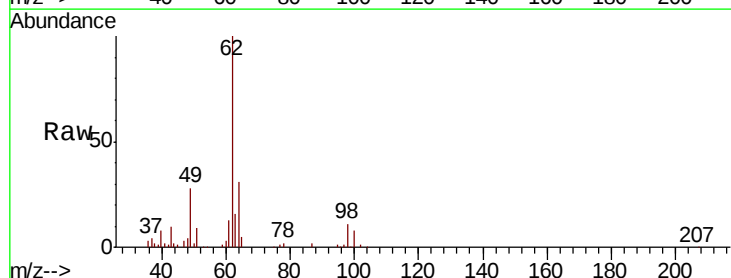
Acq: 10 Dec 2019 11:43

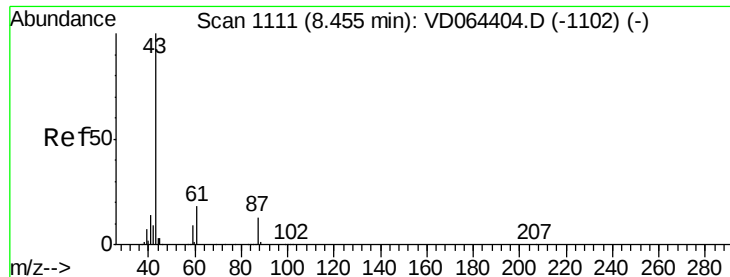
Tgt Ion: 62 Resp: 107766

Ion Ratio Lower Upper

62 100

98 10.8 0.0 20.6





#43

Isopropyl Acetate

Concen: 19.355 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

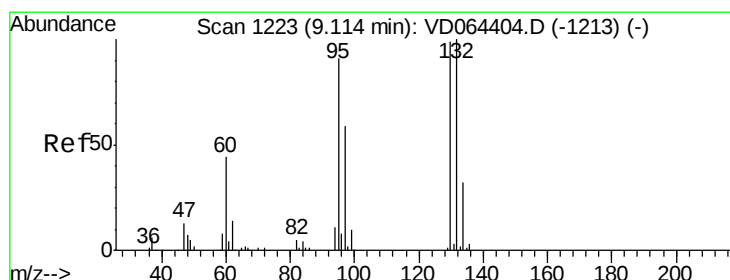
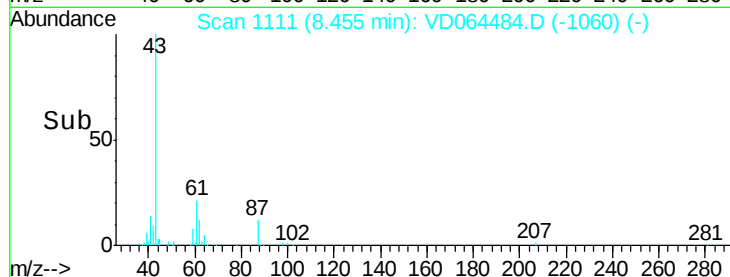
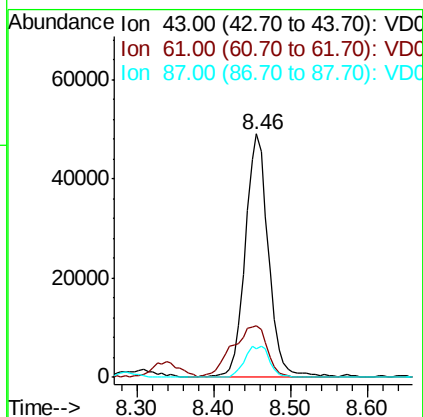
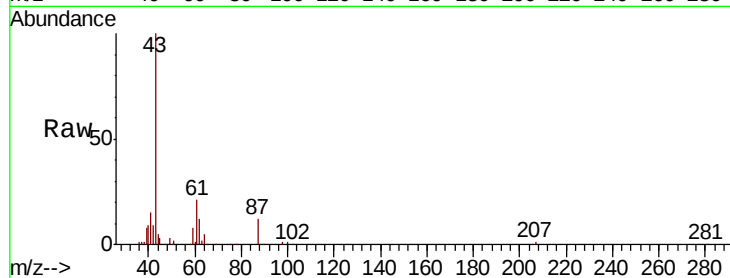
ClientSampleId :

VD1210SBS01

Tot Ion:	43	Resp:	103791
Ion	Ratio	Lower	Upper
43	100		
61	32.0	24.0	36.0
87	13.7	10.6	15.8

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#44

Trichloroethene

Concen: 21.623 ug/l

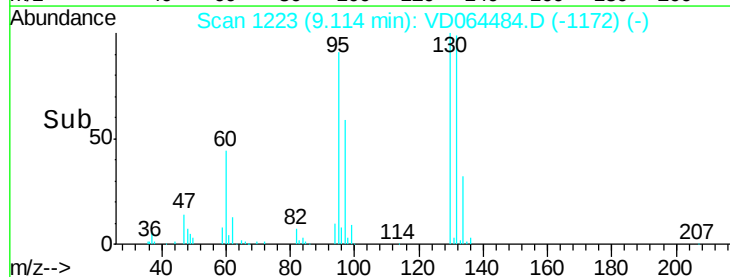
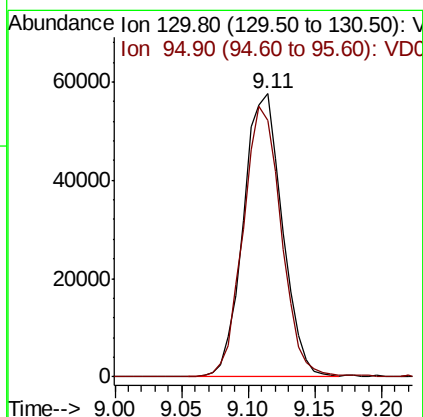
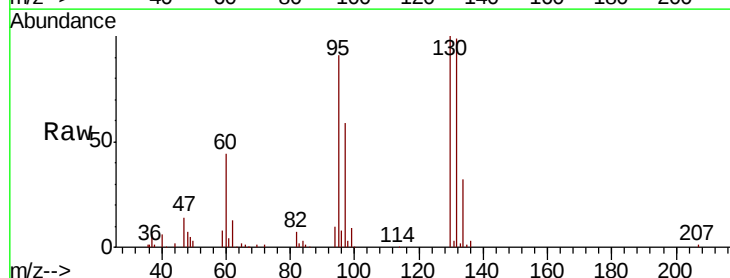
RT: 9.11 min Scan# 1223

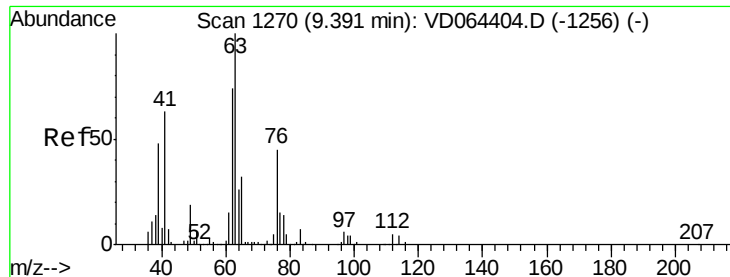
Delta R.T. -0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Tgt Ion:	130	Resp:	116281
Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	184.6





#45

1,2-Dichloropropane

Concen: 22.285 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1210SBS01

Tot Ion: 63 Resp: 95145

Ion Ratio Lower Upper

63 100

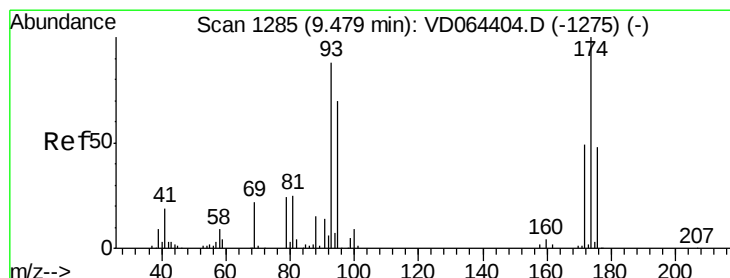
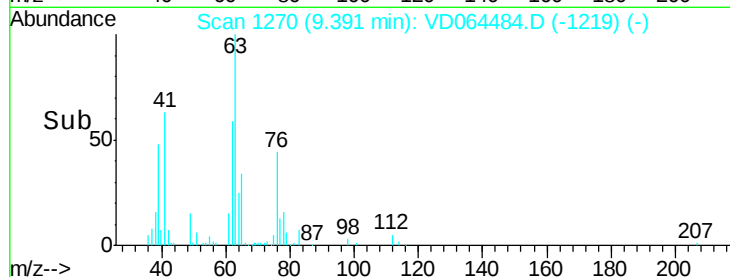
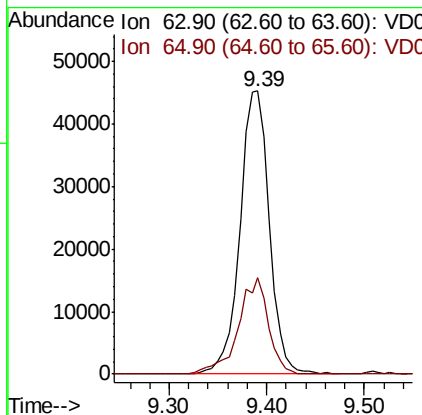
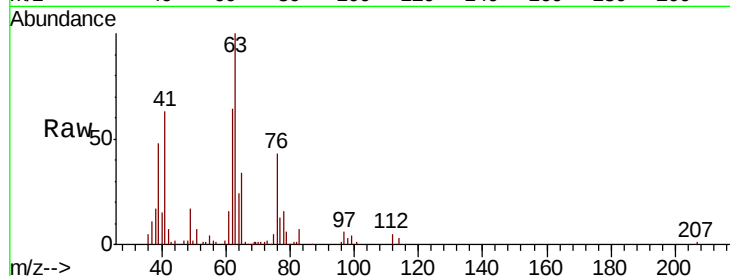
65 33.9 25.4 38.0

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#46

Dibromomethane

Concen: 20.598 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

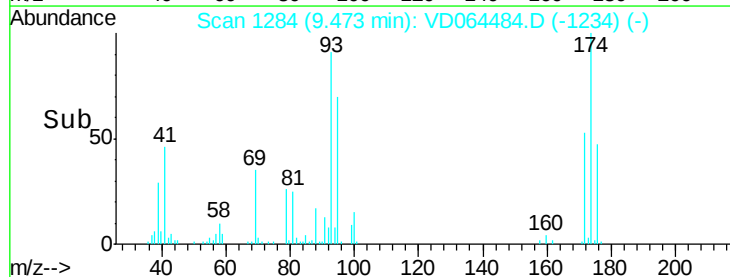
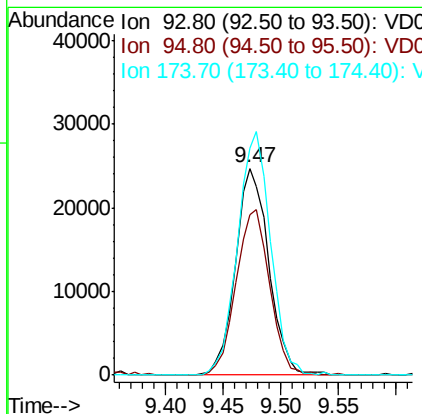
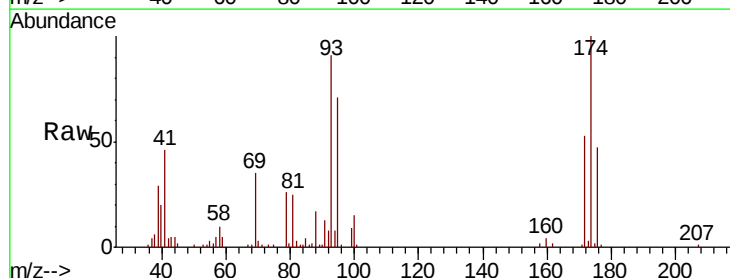
Tgt Ion: 93 Resp: 49635

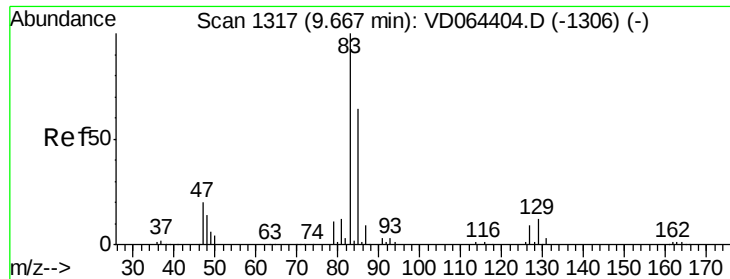
Ion Ratio Lower Upper

93 100

95 80.2 66.7 100.1

174 116.0 92.3 138.5





#47

Bromodichloromethane

Concen: 21.851 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

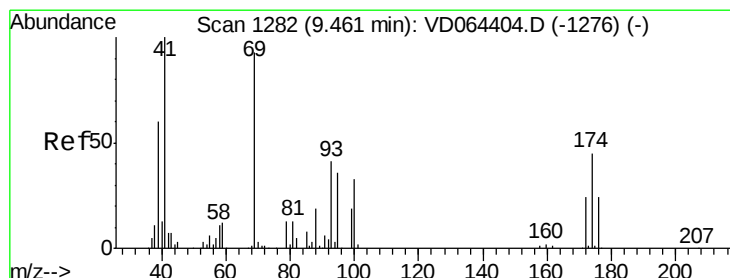
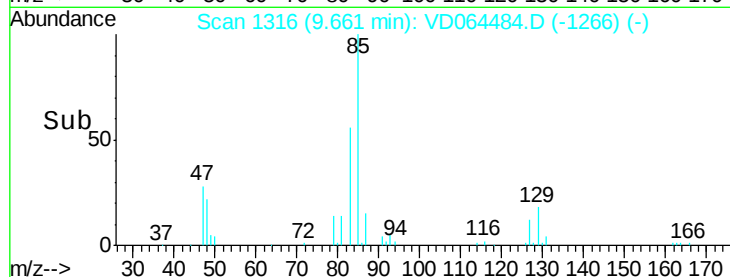
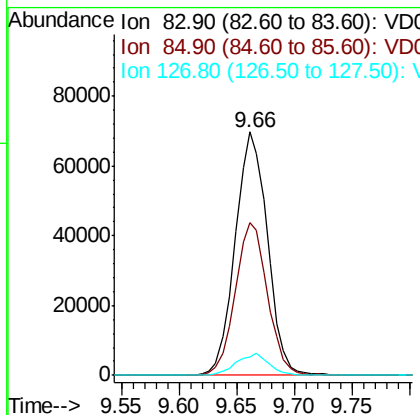
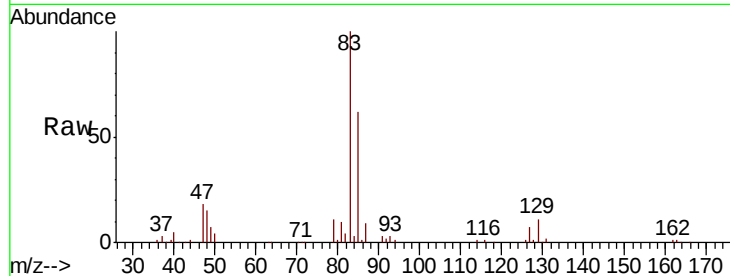
ClientSampleId :

VD1210SBS01

Tot Ion:	83	Resp:	135296
Ion Ratio	Lower	Upper	
83	100		
85	62.5	51.1	76.7
127	7.4	7.4	11.0

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#48

Methyl methacrylate

Concen: 19.735 ug/l

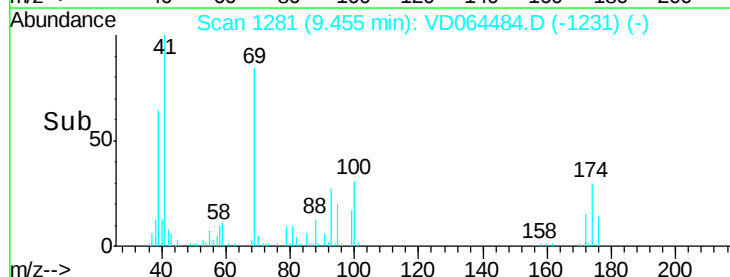
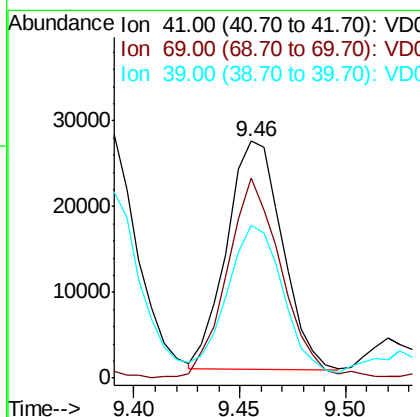
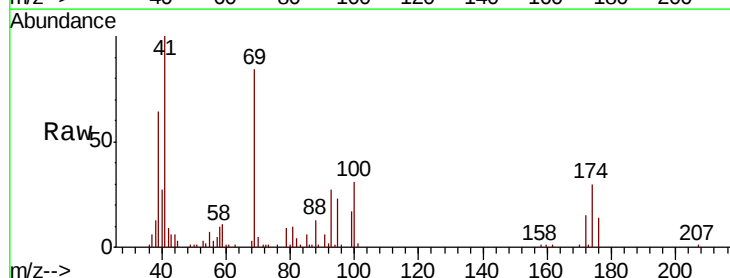
RT: 9.46 min Scan# 1281

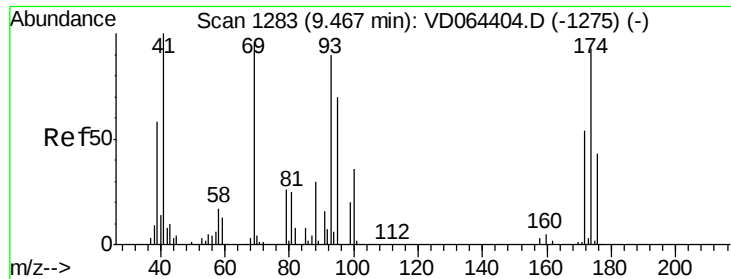
Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Tgt Ion:	41	Resp:	48428
Ion Ratio	Lower	Upper	
41	100		
69	86.9	72.0	108.0
39	64.1	55.2	82.8





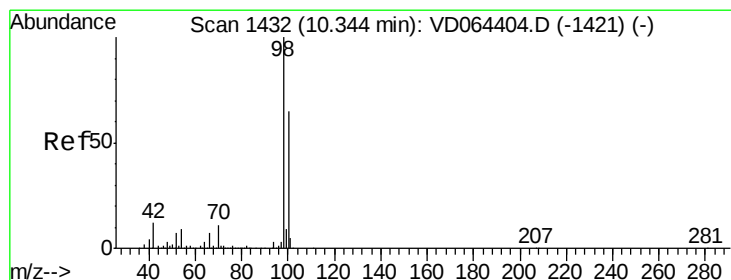
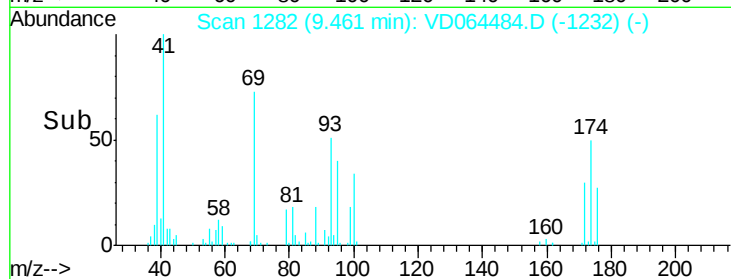
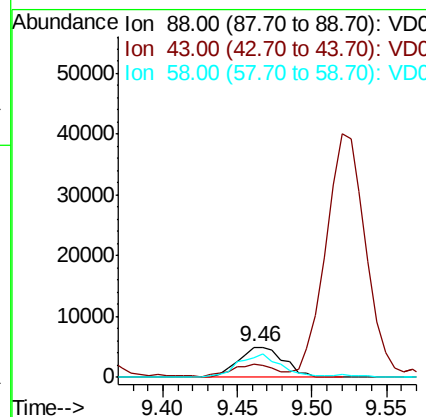
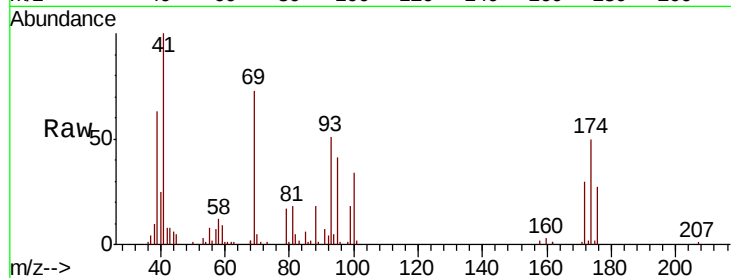
#49
1,4-Dioxane
Concen: 353.910 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	26.7	40.1
58	72.2	52.3	78.5

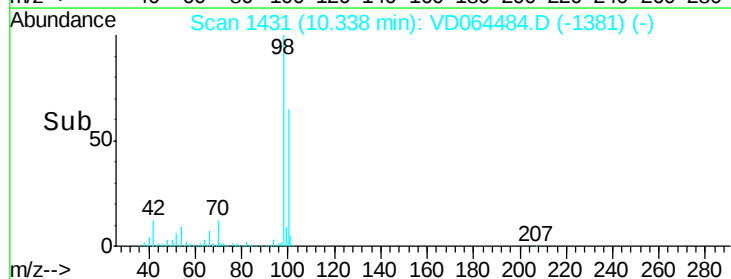
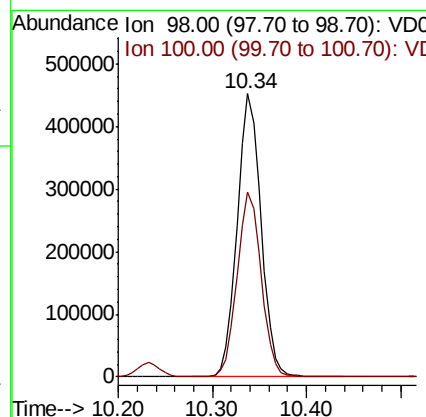
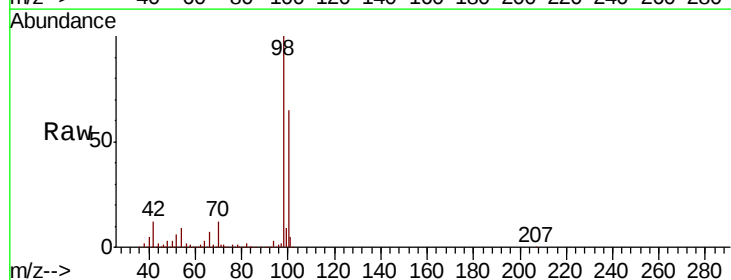
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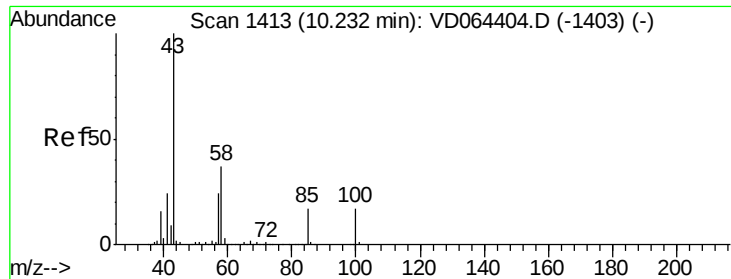
apatel
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#50
Toluene-d8
Concen: 49.624 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 94.966 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleID :

VD1210SBS01

Tot Ion: 43 Resp: 251976

Ion Ratio Lower Upper

43 100

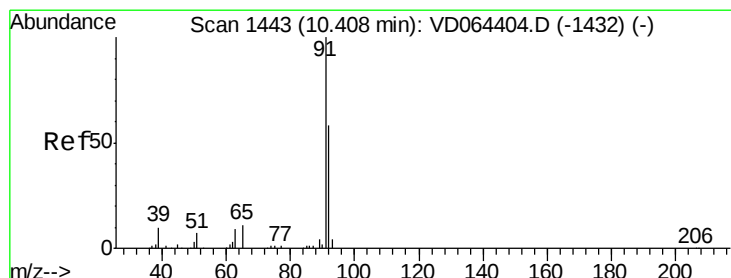
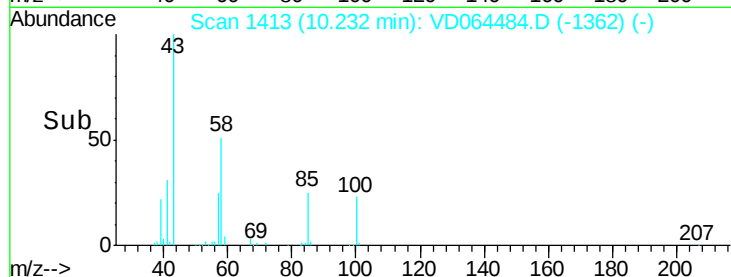
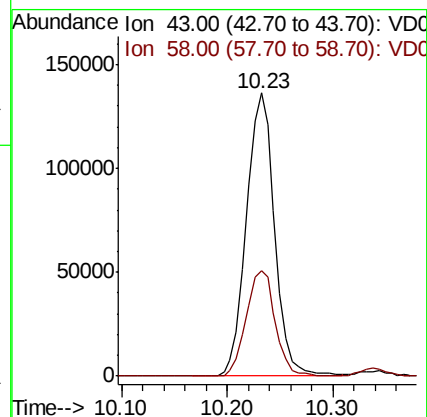
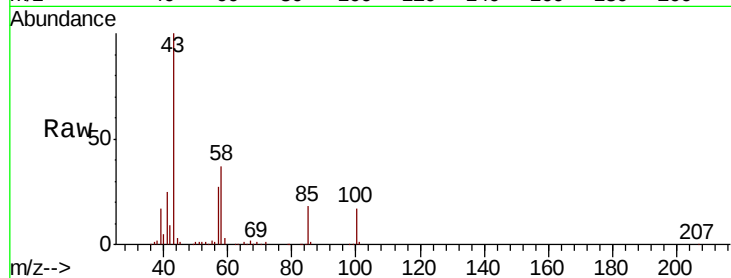
58 38.4 30.6 46.0

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#52

Toluene

Concen: 21.732 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD064484.D

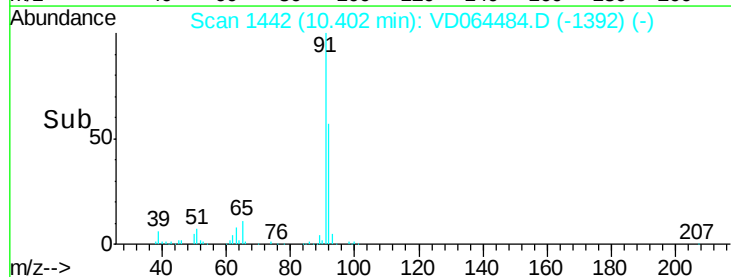
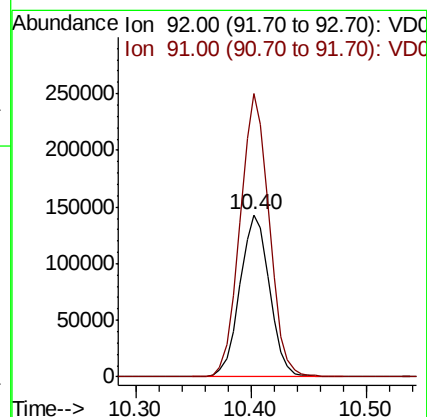
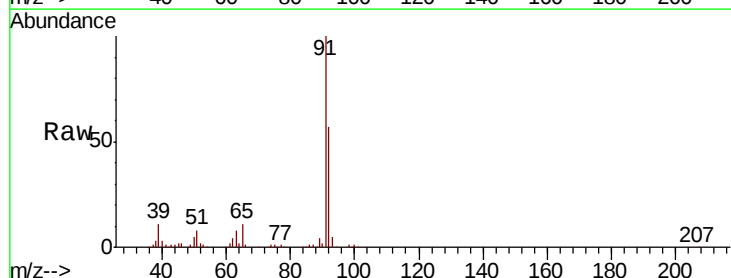
Acq: 10 Dec 2019 11:43

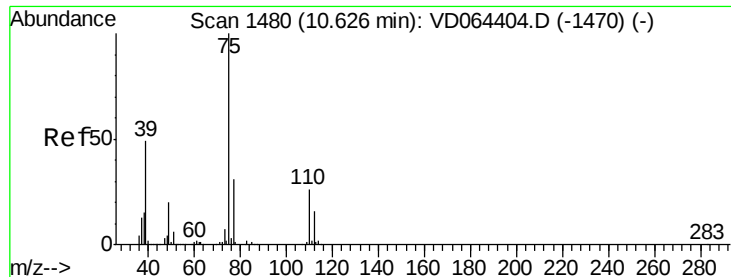
Tgt Ion: 92 Resp: 252835

Ion Ratio Lower Upper

92 100

91 172.6 137.8 206.6





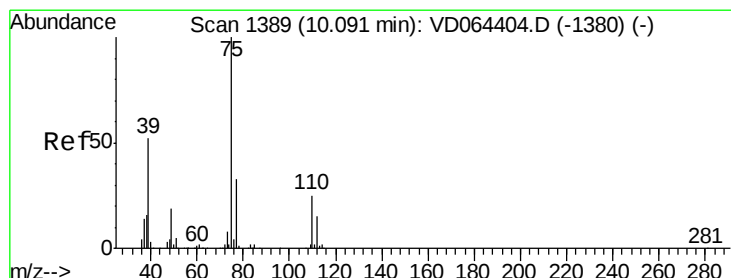
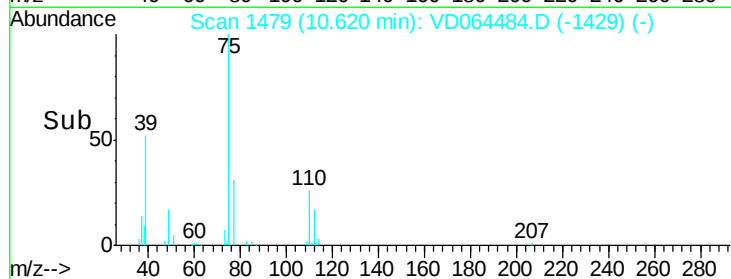
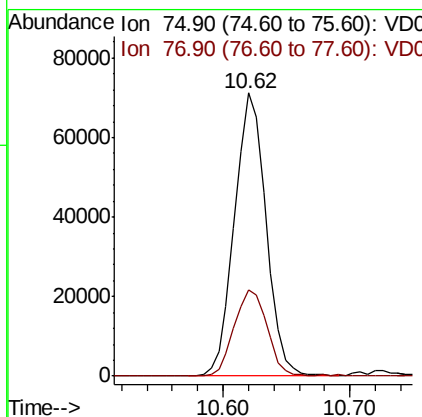
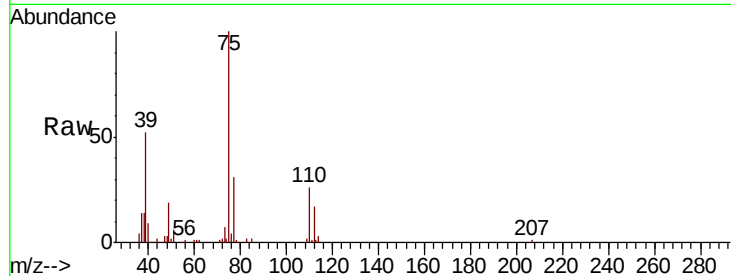
#53
 t-1,3-Dichloropropene
 Concen: 20.854 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.0	37.4

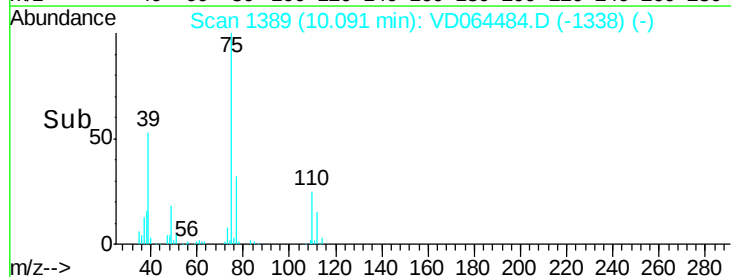
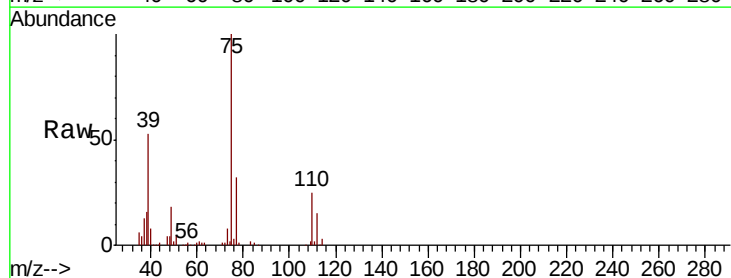
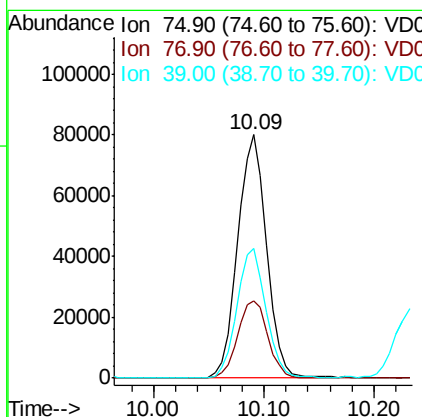
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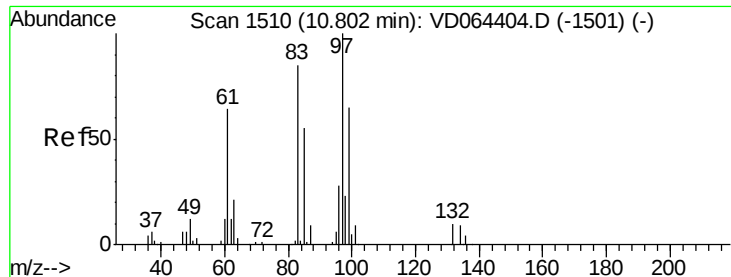
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#54
 cis-1,3-Dichloropropene
 Concen: 21.044 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.1	39.1
39	53.5	41.5	62.3





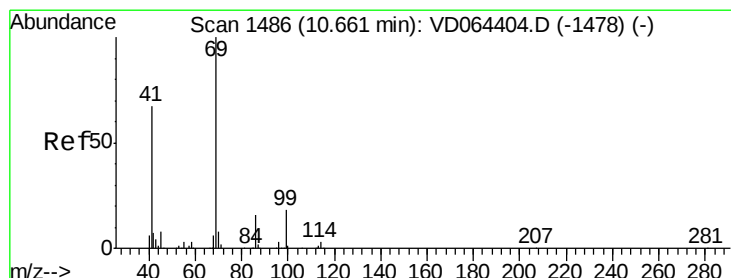
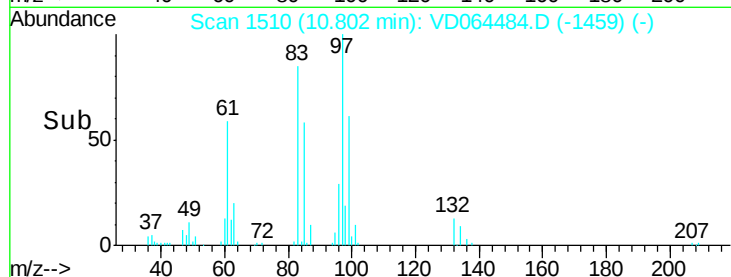
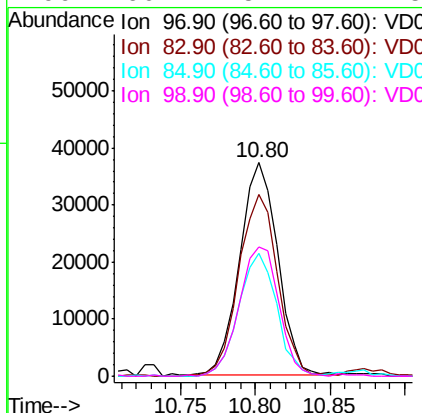
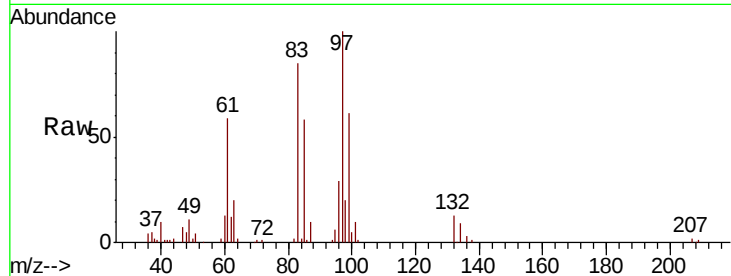
#55
 1,1,2-Trichloroethane
 Concen: 20.137 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.8	101.8
85	57.9	43.7	65.5
99	60.4	51.7	77.5

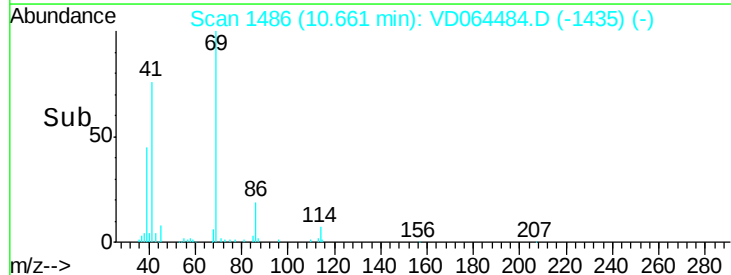
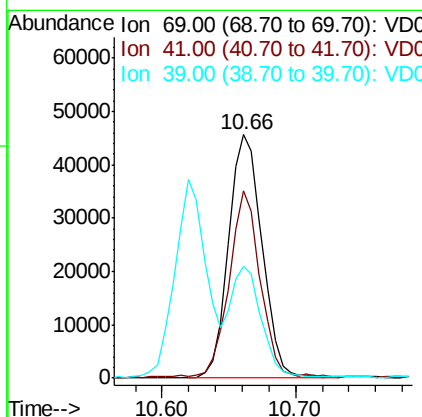
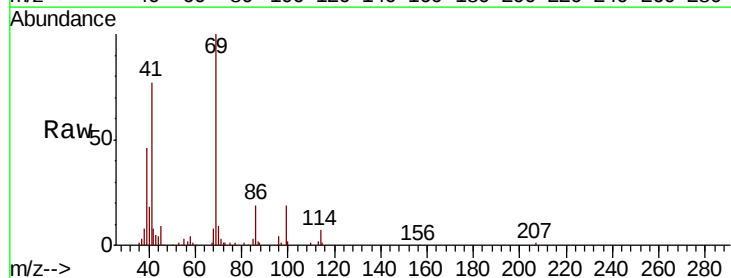
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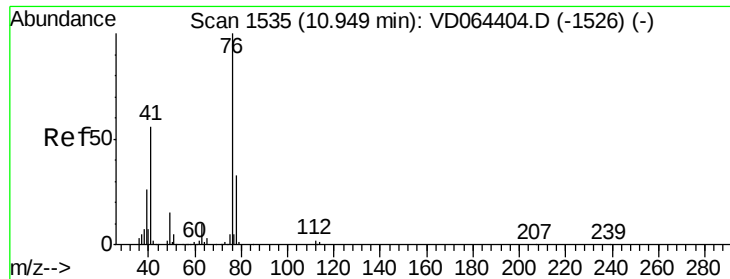
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#56
 Ethyl methacrylate
 Concen: 18.975 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.5	55.0	82.4
39	41.8	33.0	49.6





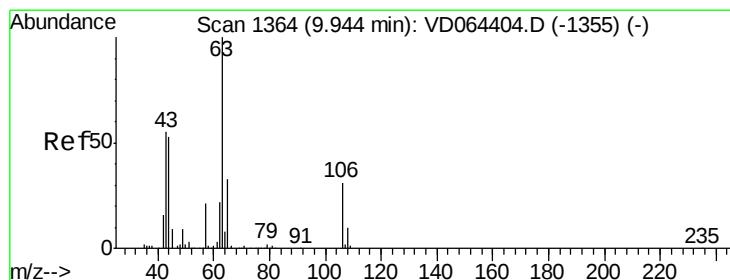
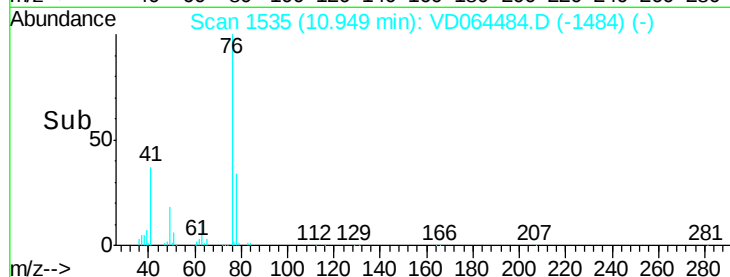
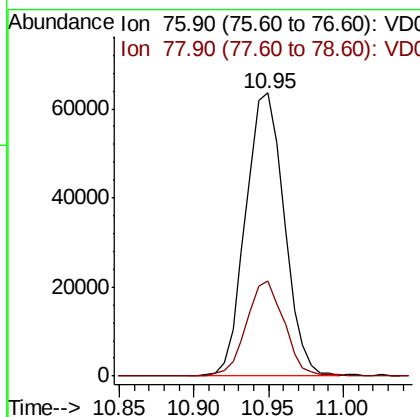
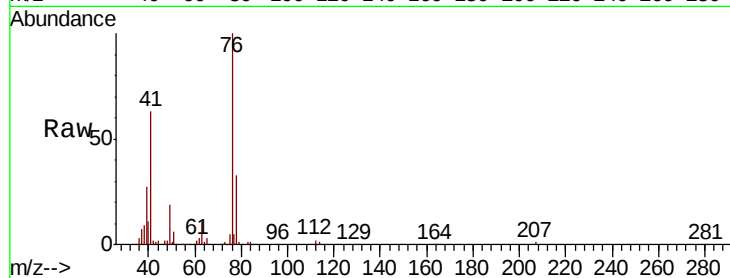
#57
 1,3-Dichloropropane
 Concen: 20.295 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Tot Ion: 76 Resp: 113991
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0

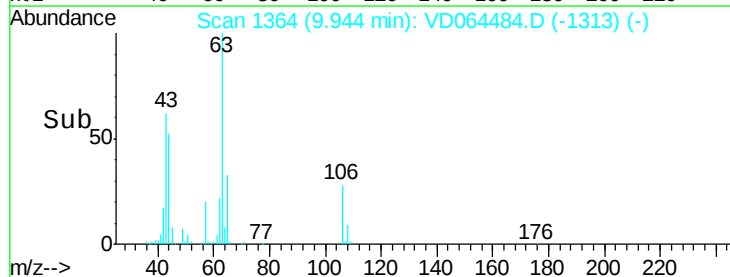
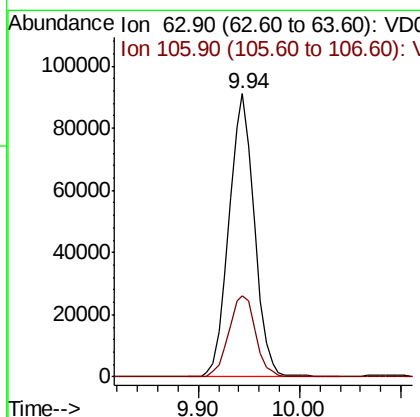
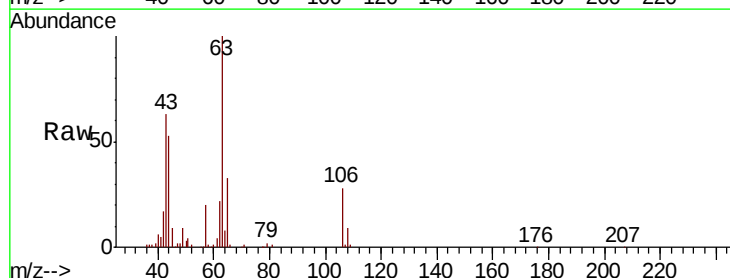
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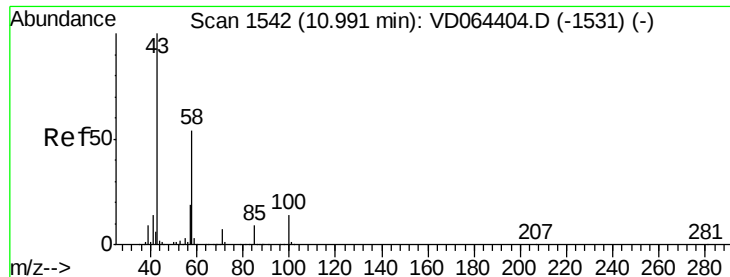
apatel
 12/11/2019 2:15:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.179 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion: 63 Resp: 157997
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.2 36.4





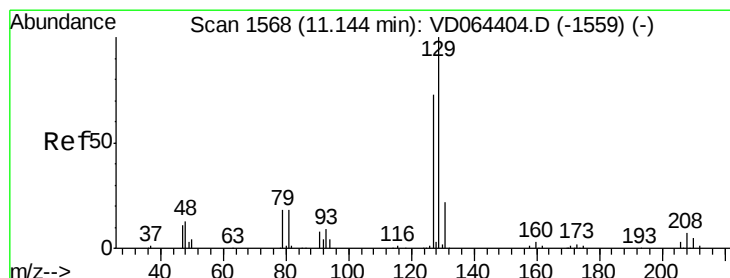
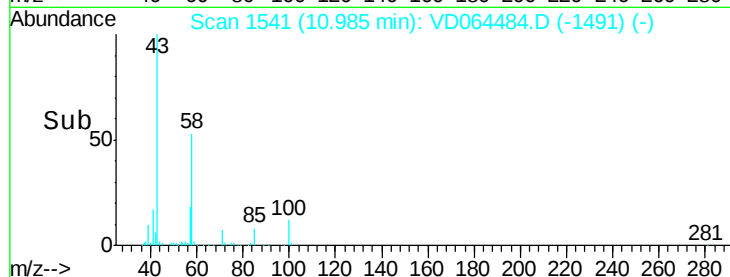
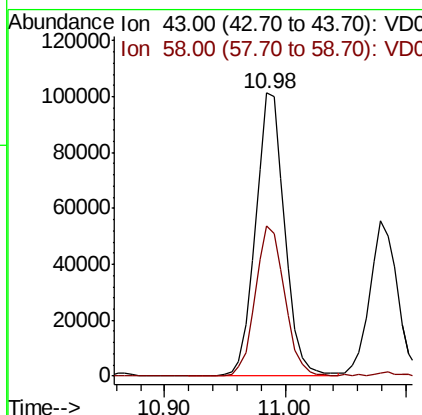
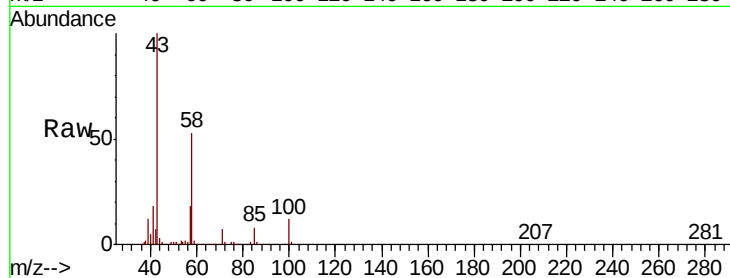
#59
2-Hexanone
Concen: 92.790 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion: 43 Resp: 170837
Ion Ratio Lower Upper
43 100
58 53.5 26.3 78.8

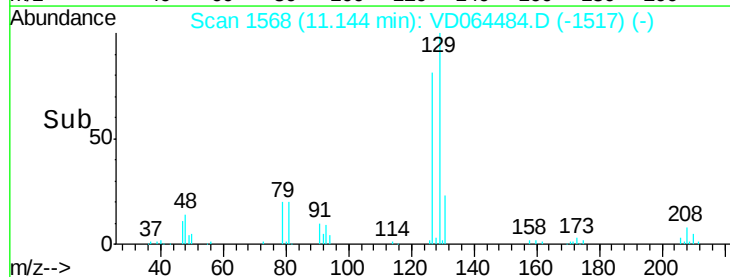
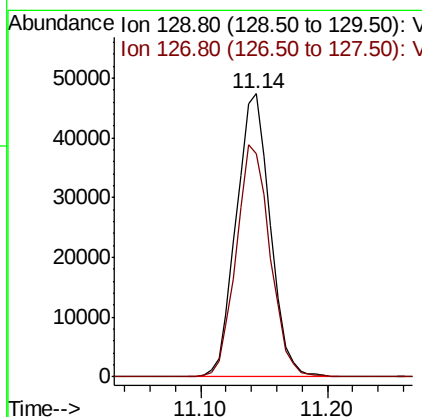
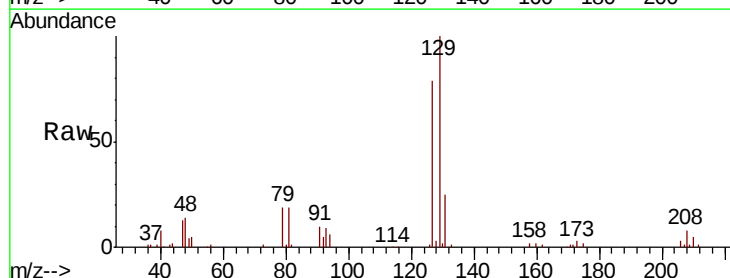
Manual Integrations
APPROVED

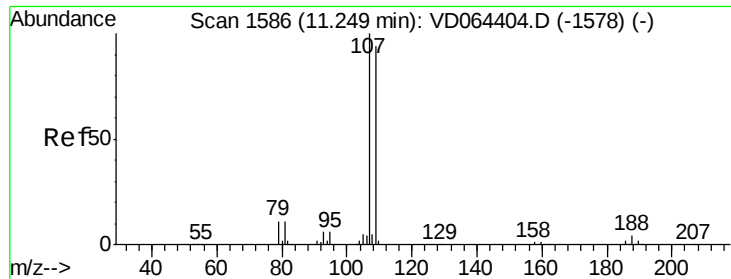
apatel
12/11/2019 2:15:20 PM



#60
Dibromochloromethane
Concen: 19.686 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion: 129 Resp: 88069
Ion Ratio Lower Upper
129 100
127 81.6 38.1 114.3





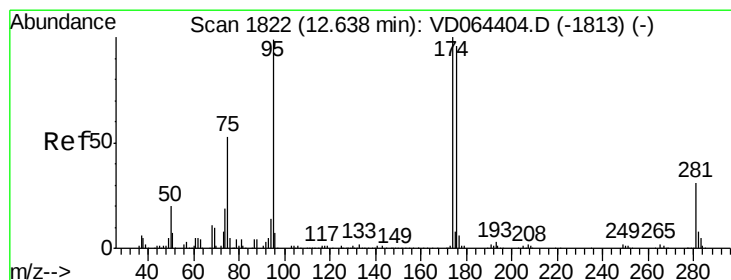
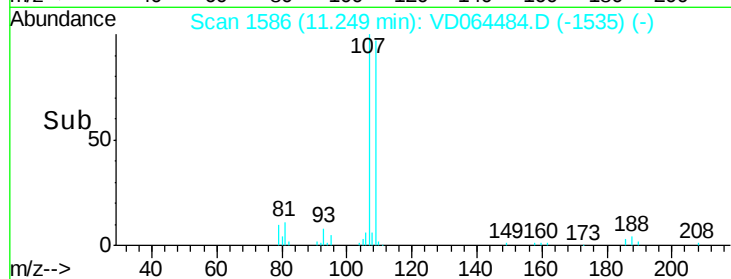
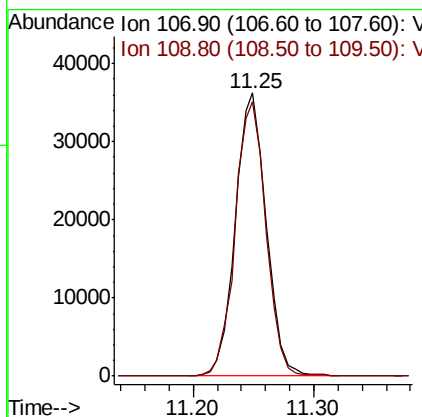
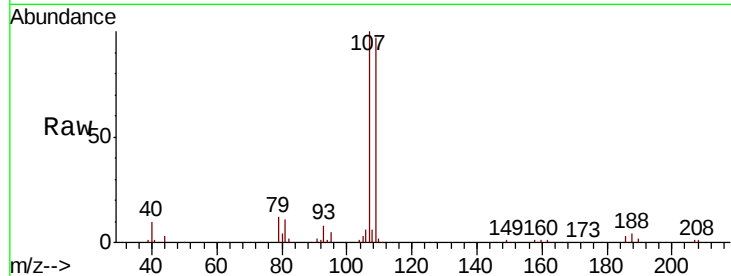
#61
 1,2-Dibromoethane
 Concen: 19.609 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Tot Ion: 107 Resp: 64600
 Ion Ratio Lower Upper
 107 100
 109 96.9 76.2 114.2

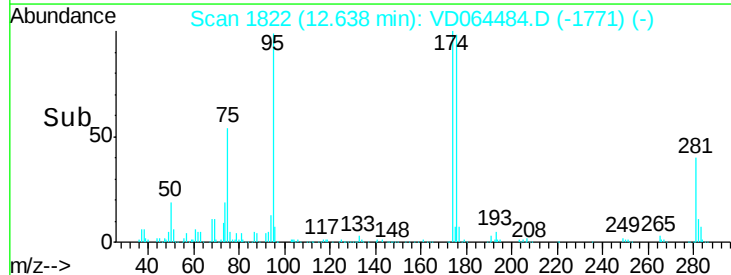
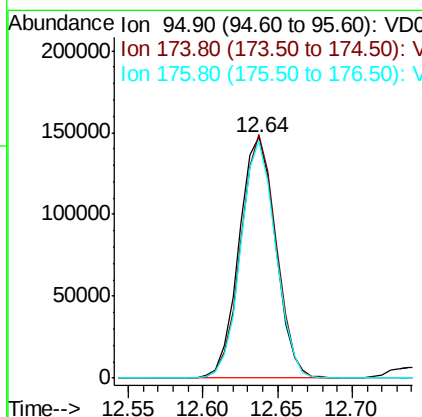
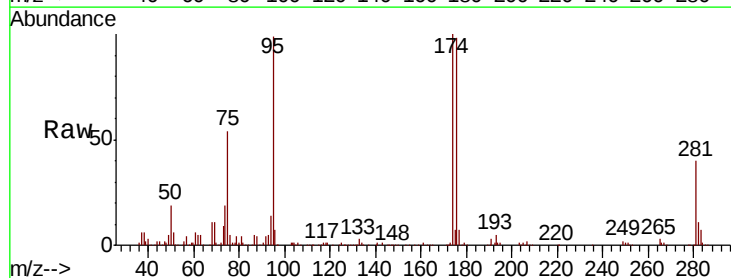
Manual Integrations
 APPROVED

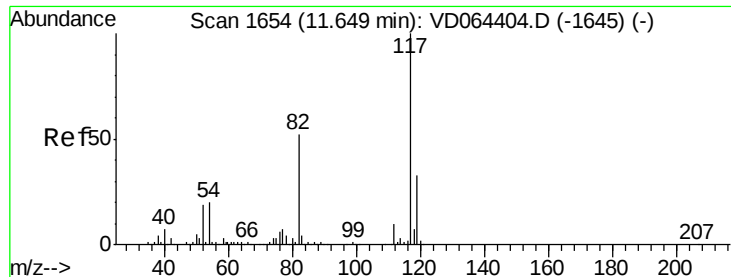
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.157 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion: 95 Resp: 249601
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 197.2
 176 93.7 0.0 189.6





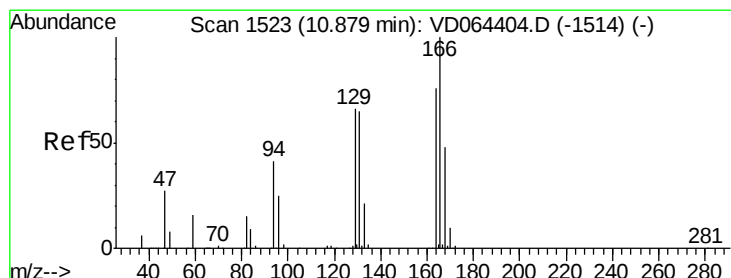
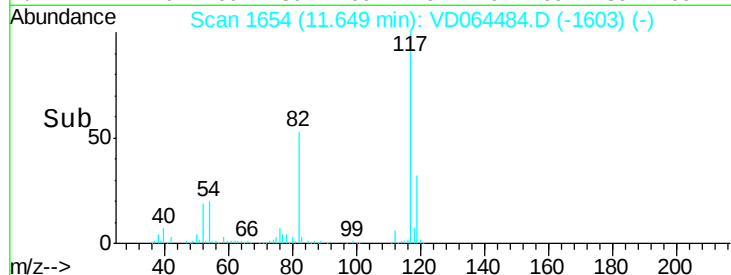
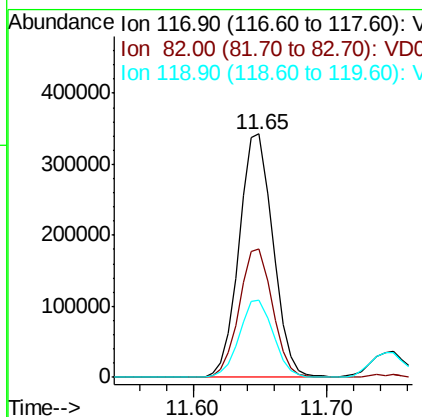
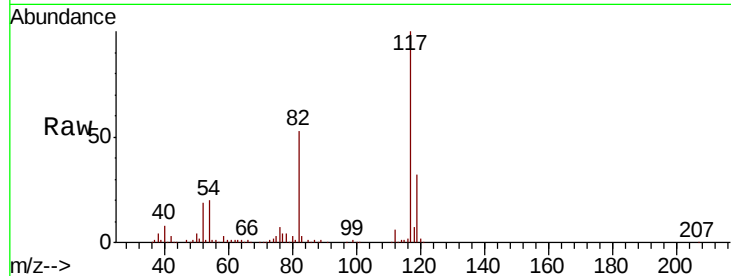
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	603025		
82	52.9		41.4	62.2
119	31.7		26.2	39.2

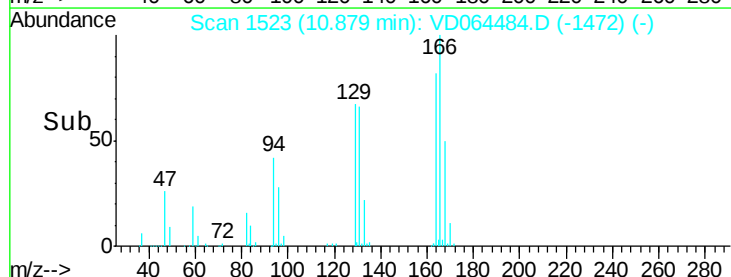
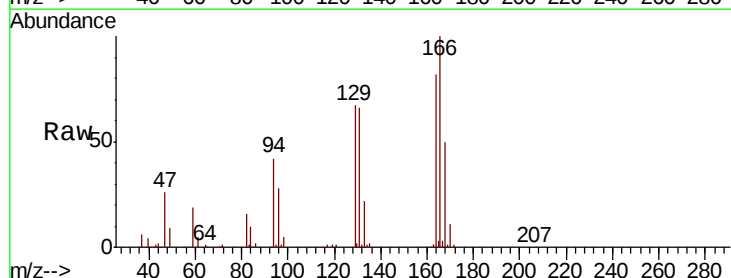
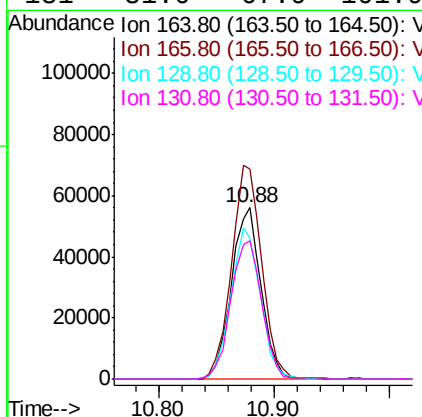
Manual Integrations
APPROVED

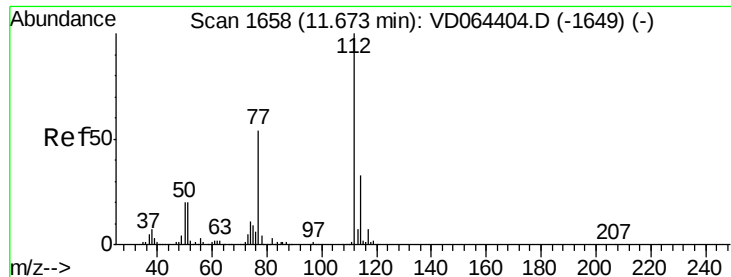
apatel
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#64
Tetrachloroethene
Concen: 21.573 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	99206		
166	122.4		104.8	157.2
129	82.3		68.7	103.1
131	81.0		67.9	101.9





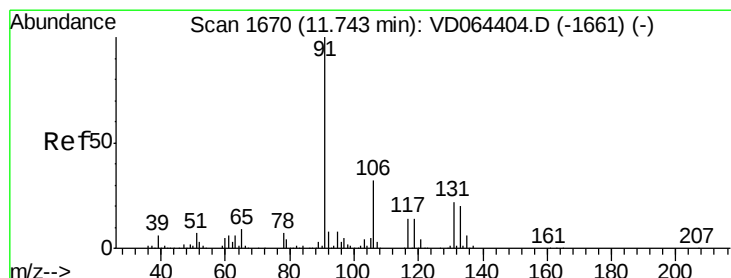
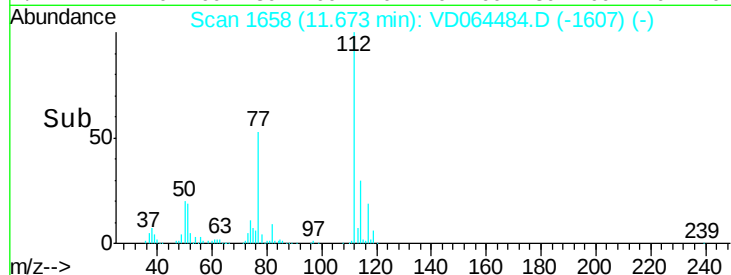
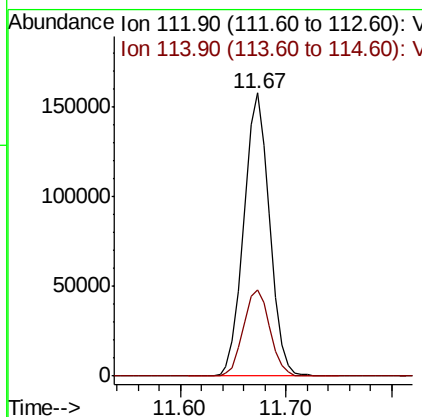
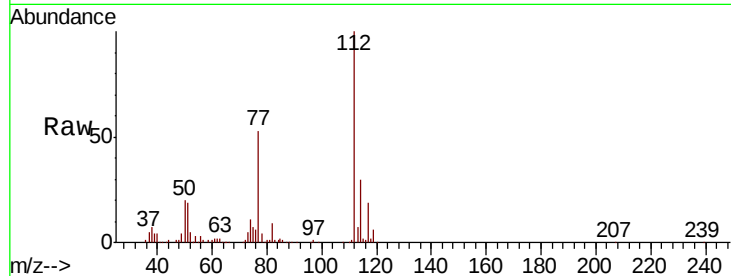
#65
Chlorobenzene
Concen: 21.292 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.5	26.5	39.7

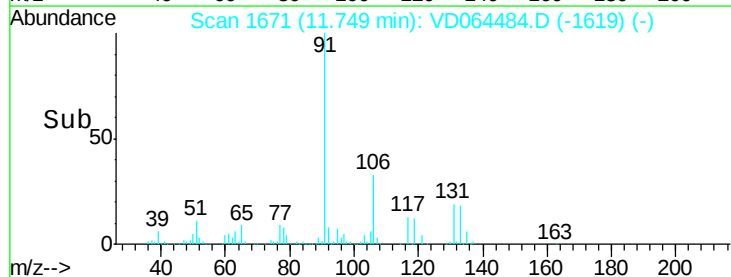
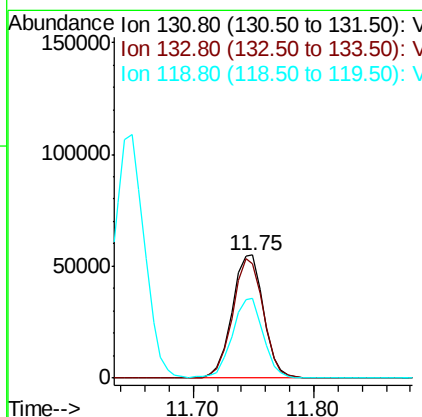
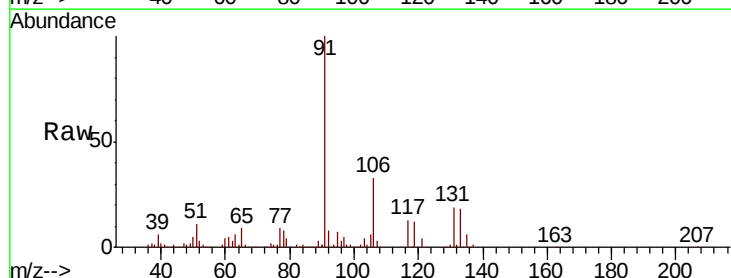
Manual Integrations
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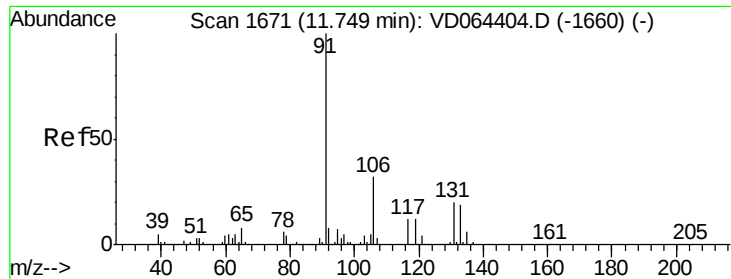
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.474 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.3	144.9
119	63.7	31.9	95.9





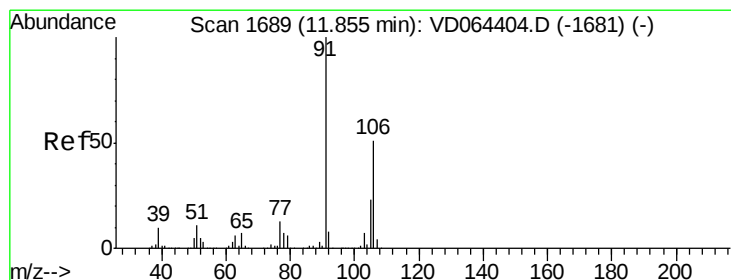
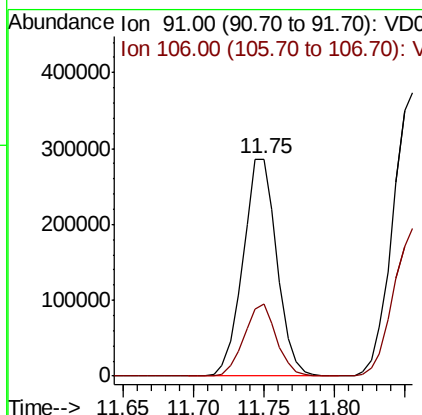
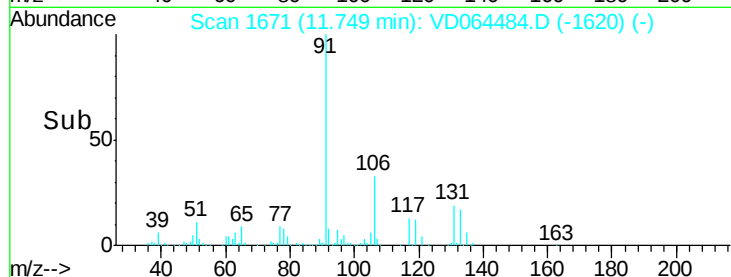
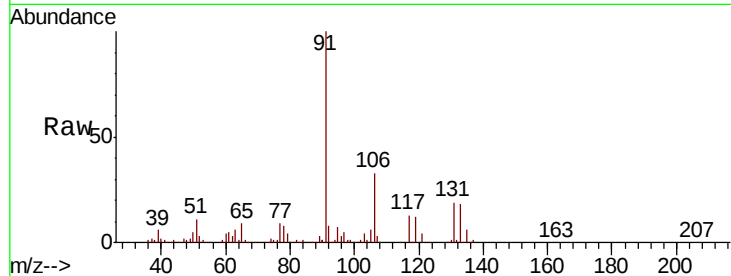
#67
Ethyl Benzene
Concen: 21.529 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion: 91 Resp: 481758
Ion Ratio Lower Upper
91 100
106 33.2 25.8 38.8

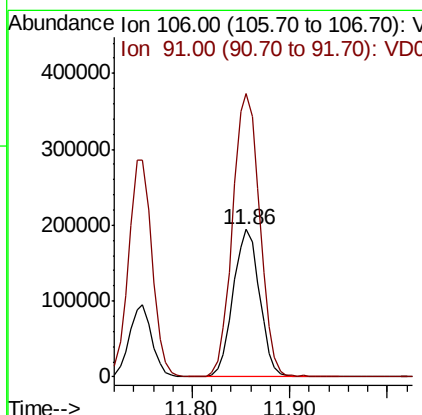
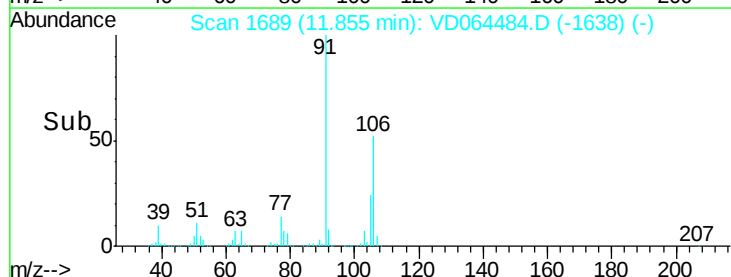
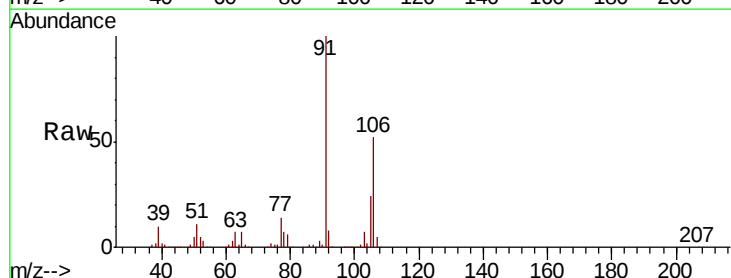
Manual Integrations
APPROVED

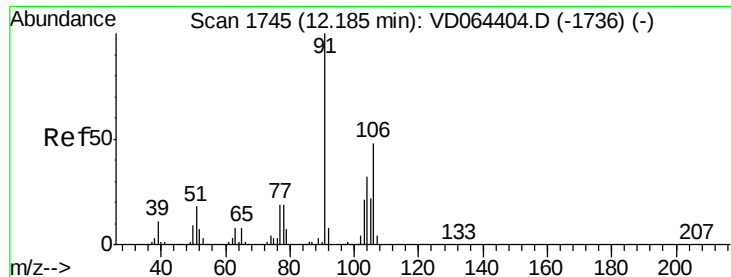
apatel
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#68
m/p-Xylenes
Concen: 43.126 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion: 106 Resp: 367963
Ion Ratio Lower Upper
106 100
91 196.3 157.4 236.2





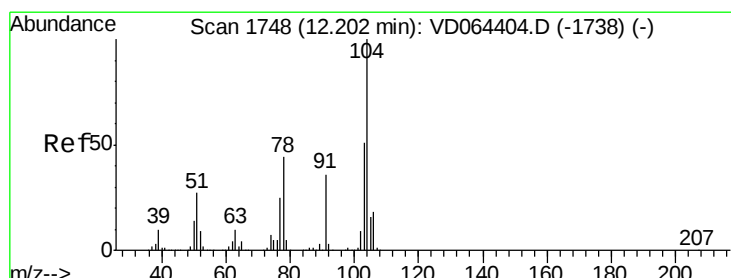
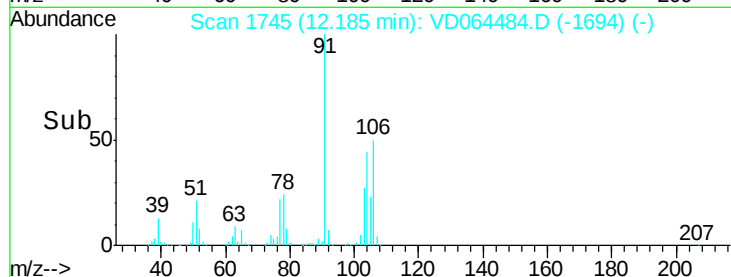
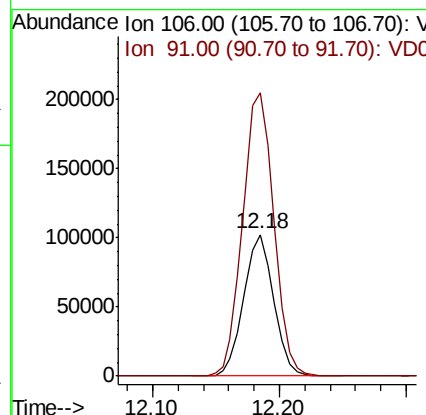
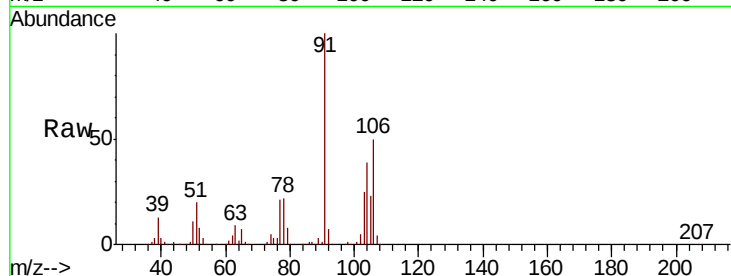
#69
o-Xylene
Concen: 21.328 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		168068		
91	208.4	103.8	311.4		

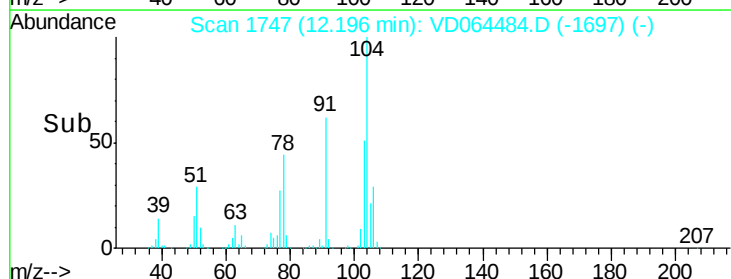
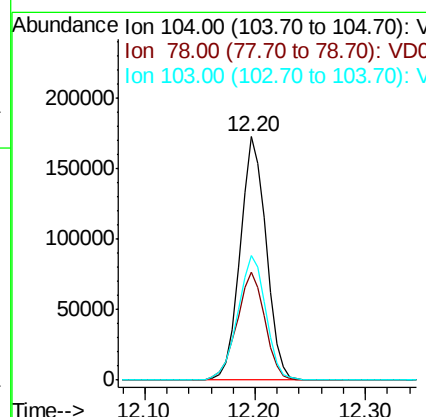
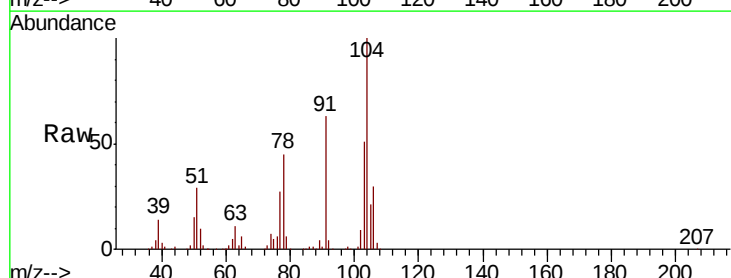
Manual Integrations
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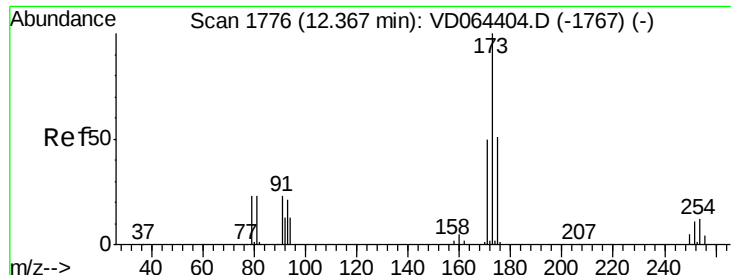
apatel
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#70
Styrene
Concen: 20.890 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		286059		
78	47.8	38.8	58.2		
103	55.2	44.2	66.4		





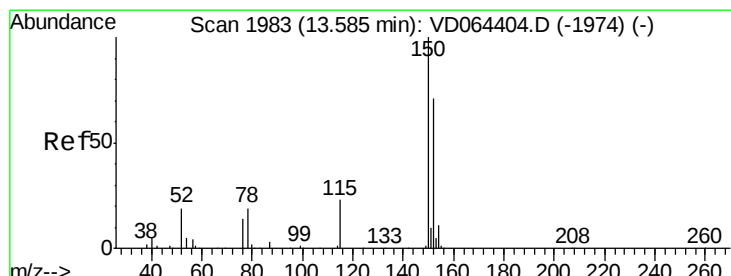
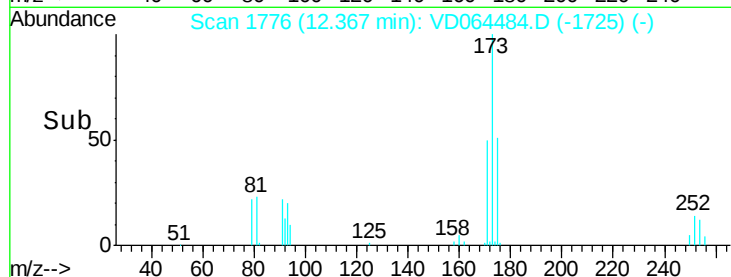
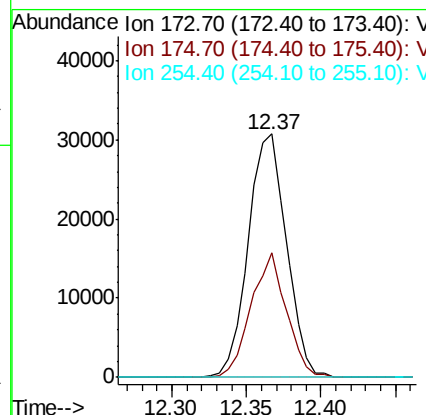
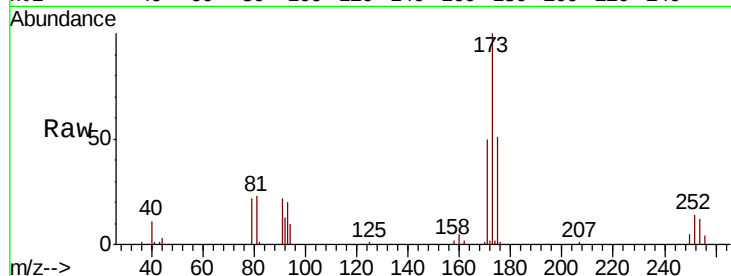
#71
Bromoform
Concen: 19.558 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	25.3	75.8
254	0.0	0.0	0.0

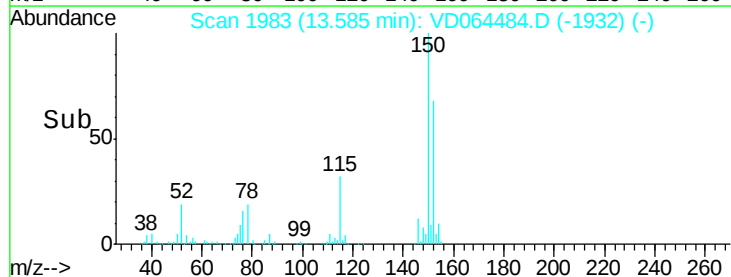
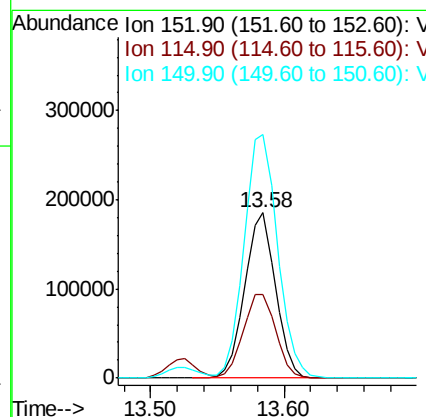
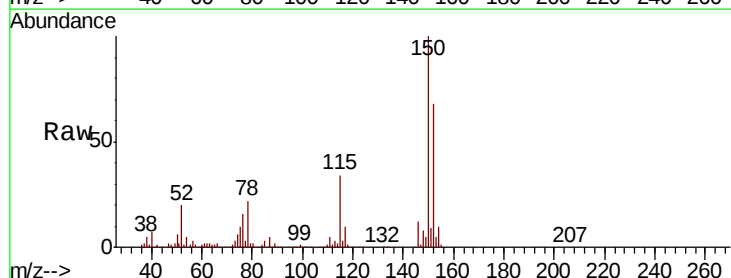
Manual Integrations
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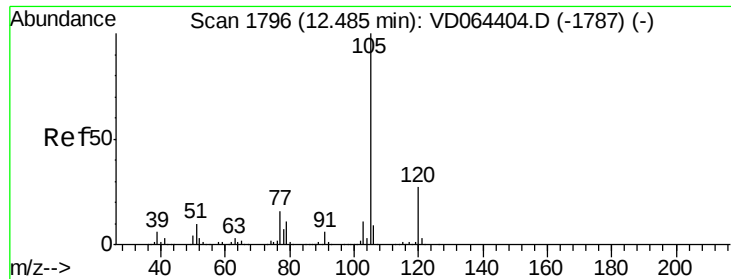
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.7	80.1
150	161.4	0.0	347.2





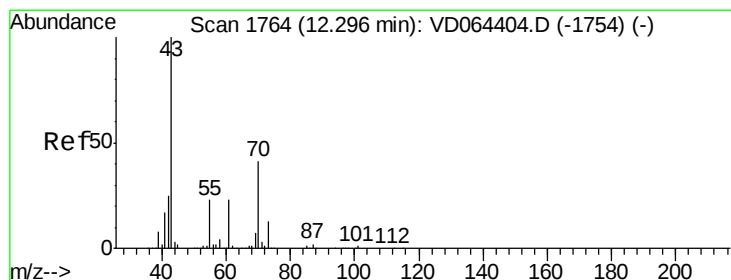
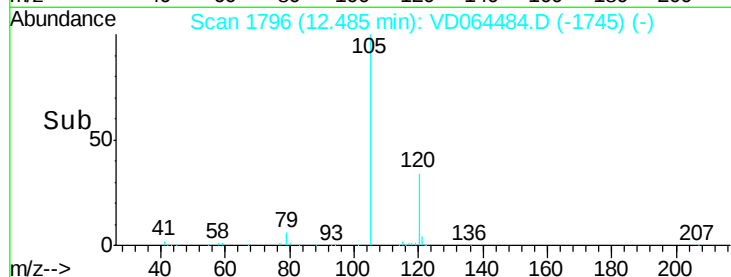
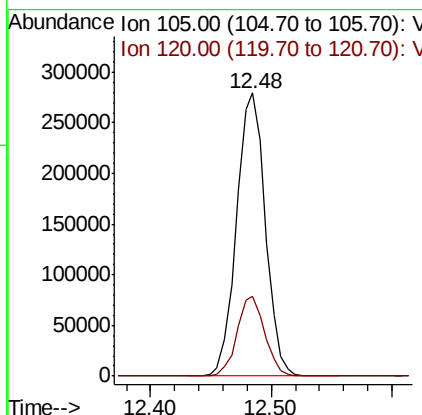
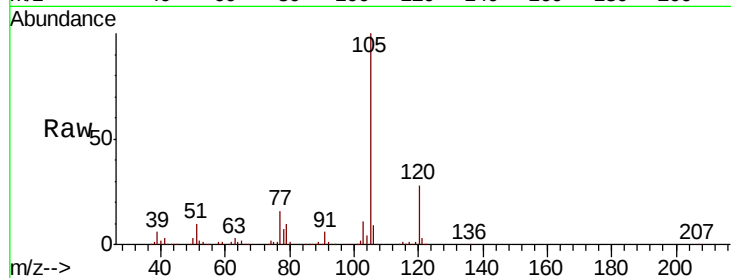
#73
Isopropylbenzene
Concen: 21.951 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion: 105 Resp: 464172
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

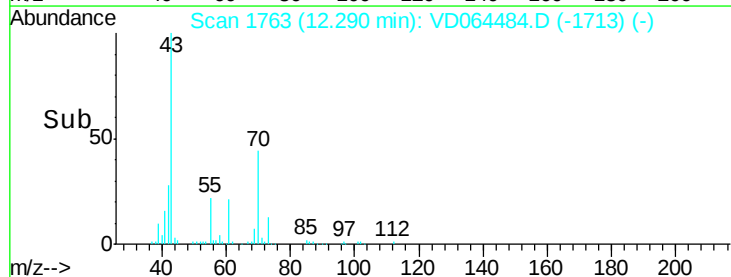
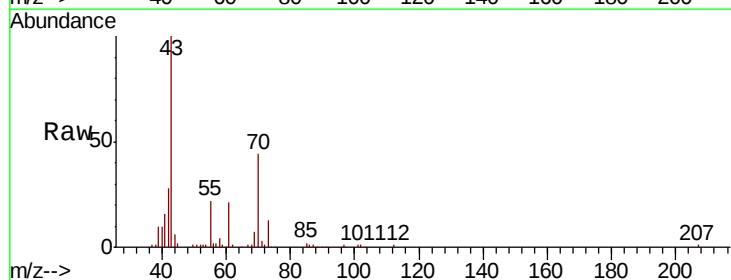
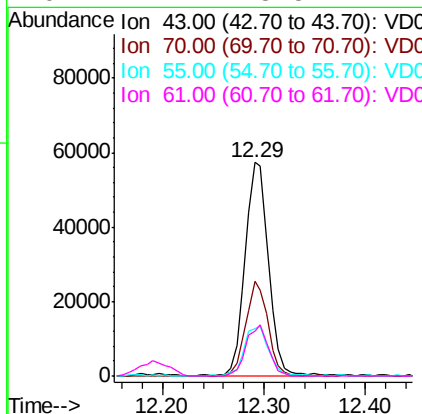
Manual Integrations
APPROVED

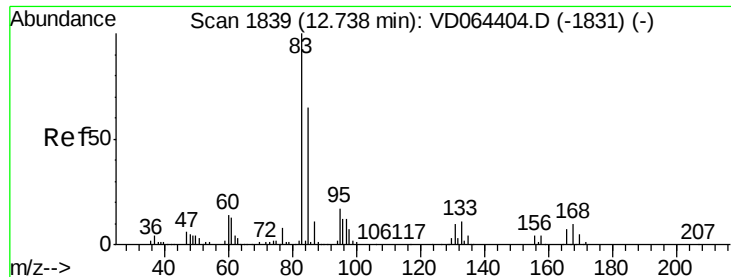
apatel
12/11/2019 2:15:20 PM



#74
N-ethyl acetate
Concen: 19.215 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion: 43 Resp: 92219
Ion Ratio Lower Upper
43 100
70 41.8 33.4 50.2
55 24.6 18.9 28.3
61 22.7 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.456 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1210SBS01

Tot Ion: 83 Resp: 68036

Ion Ratio Lower Upper

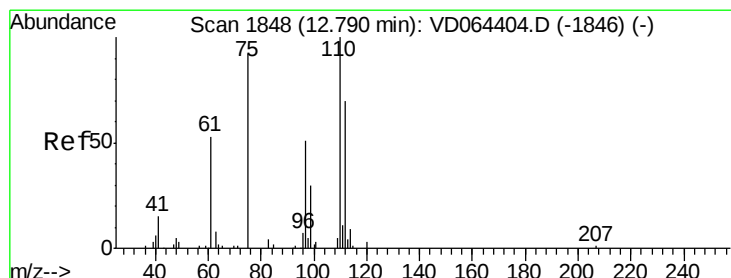
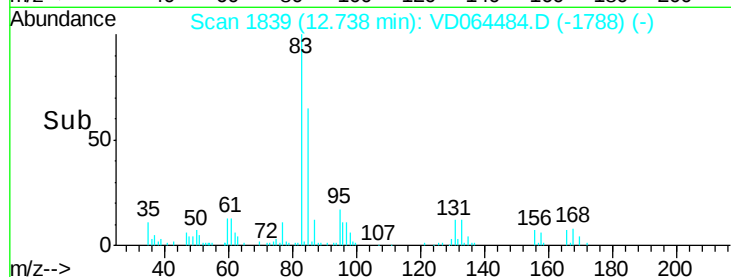
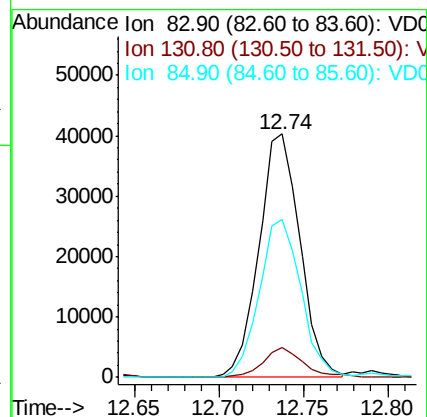
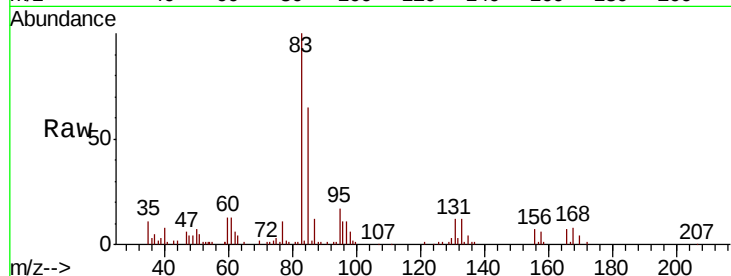
83 100

131 12.0 5.7 17.0

85 65.7 31.3 93.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.202 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD064484.D

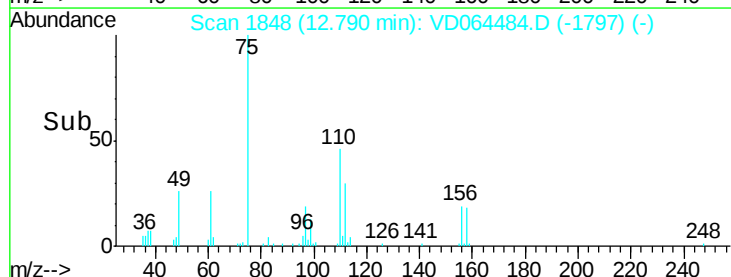
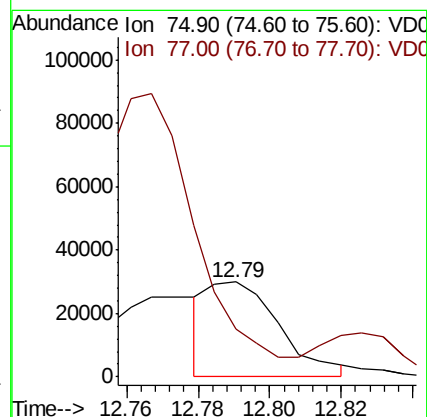
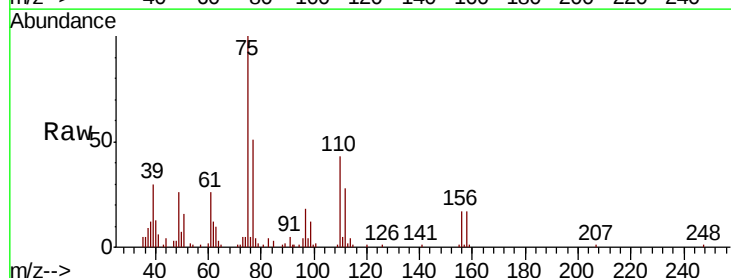
Acq: 10 Dec 2019 11:43

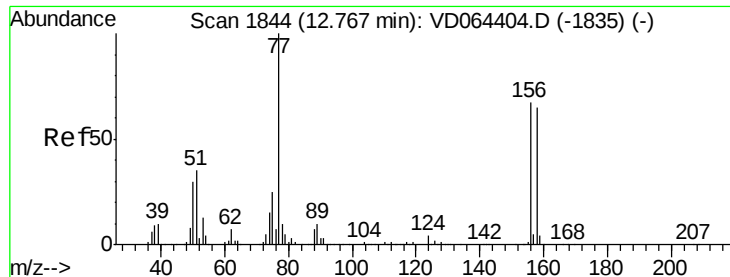
Tgt Ion: 75 Resp: 41592

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





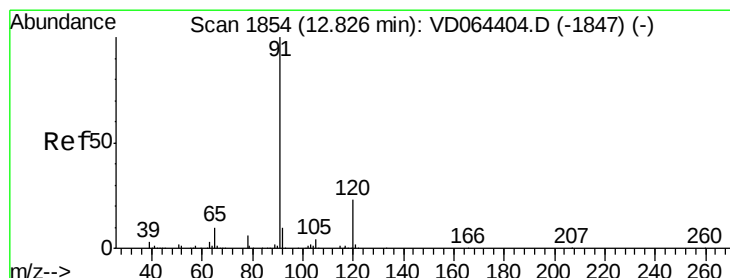
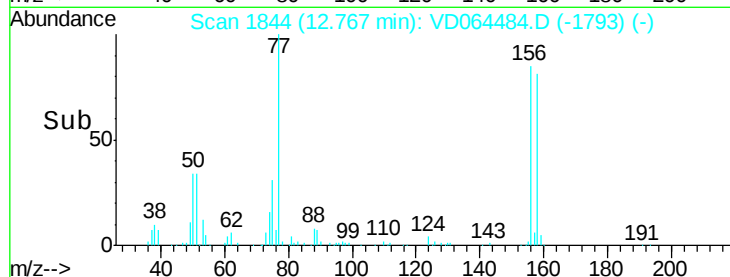
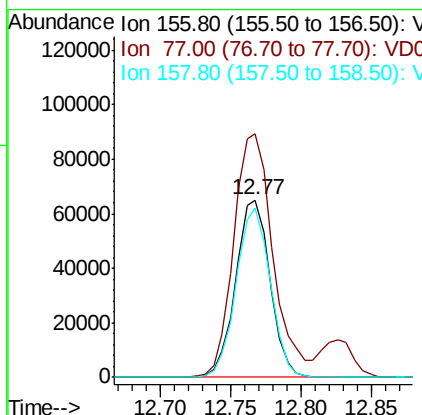
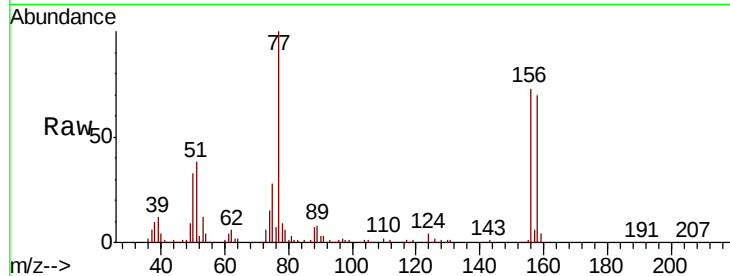
#77
Bromobenzene
Concen: 21.086 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.9	80.0	240.2
158	95.5	48.9	146.6

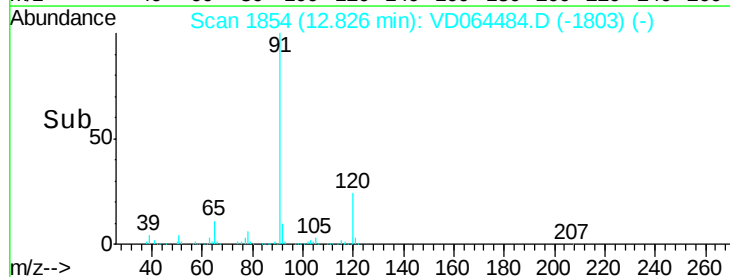
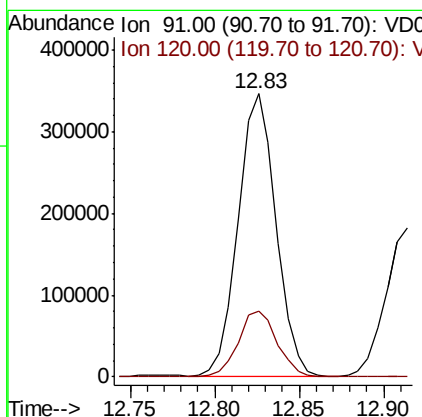
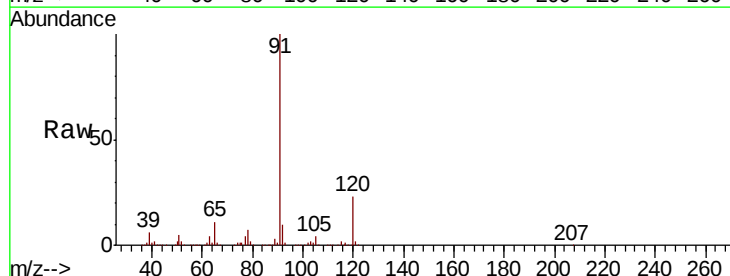
Manual Integrations
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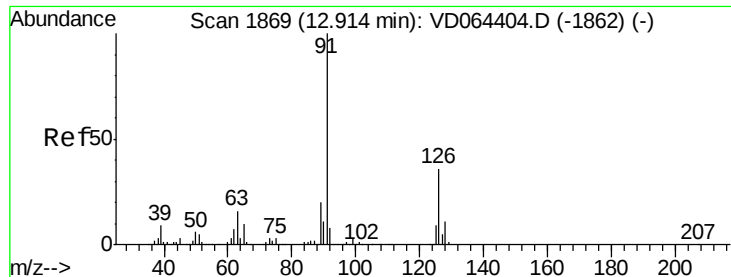
apatel
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#78
n-propylbenzene
Concen: 22.066 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.9





#79

2-Chlorotoluene

Concen: 21.945 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1210SBS01

Tot Ion: 91 Resp: 294617

Ion Ratio Lower Upper

91 100

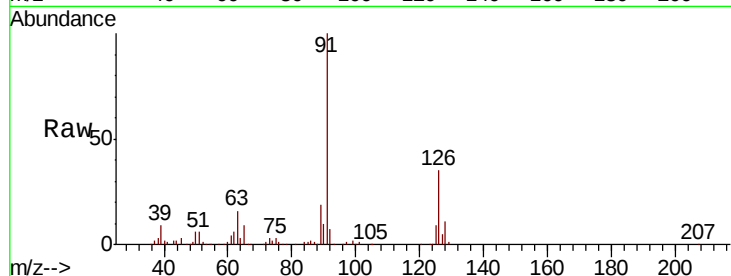
126 36.5 18.0 54.0

Manual Integrations

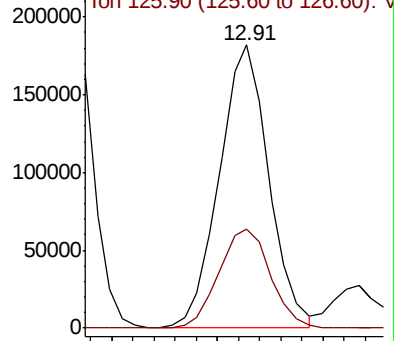
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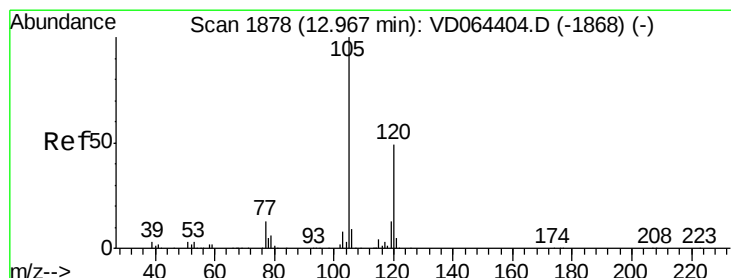
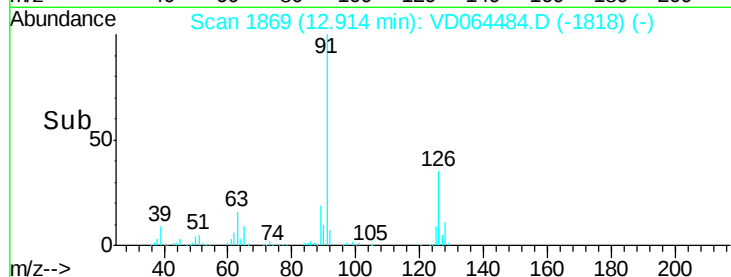
12/11/2019 2:15:20 PM



Abundance Ion 91.00 (90.70 to 91.70): VD064484.D (-1862) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.820 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD064484.D

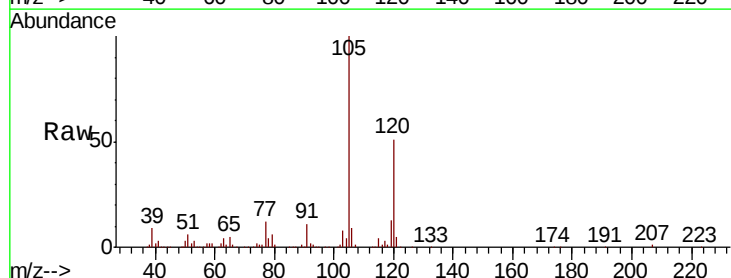
Acq: 10 Dec 2019 11:43

Tgt Ion:105 Resp: 377062

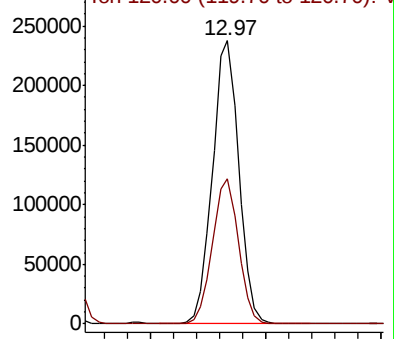
Ion Ratio Lower Upper

105 100

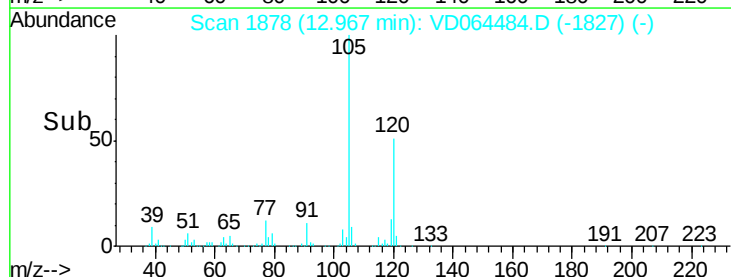
120 50.5 25.1 75.3

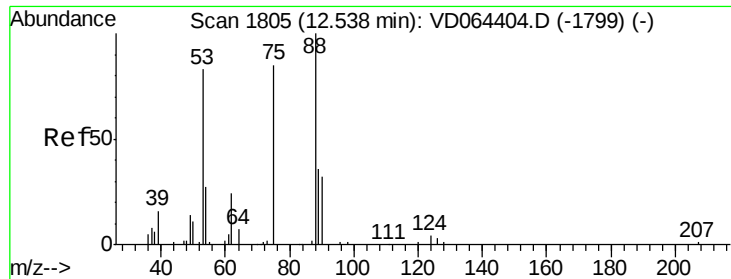


Abundance Ion 105.00 (104.70 to 105.70): VD064484.D (-1827) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.314 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

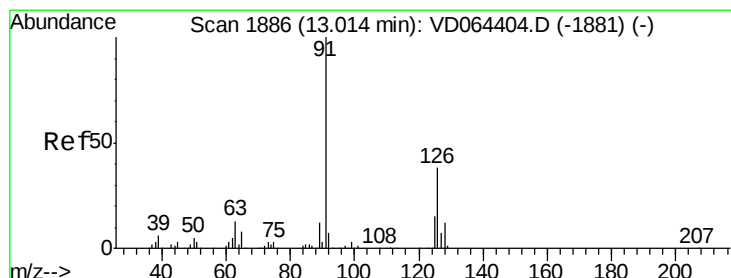
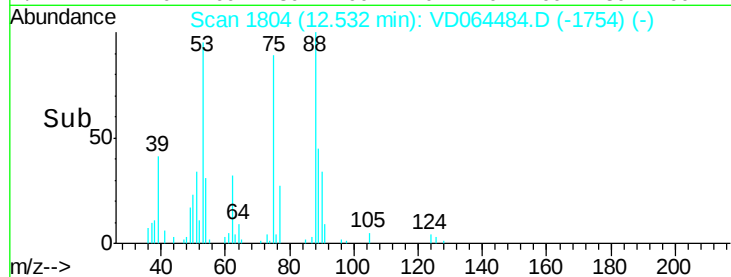
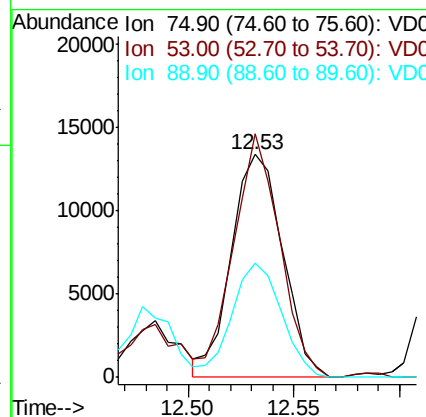
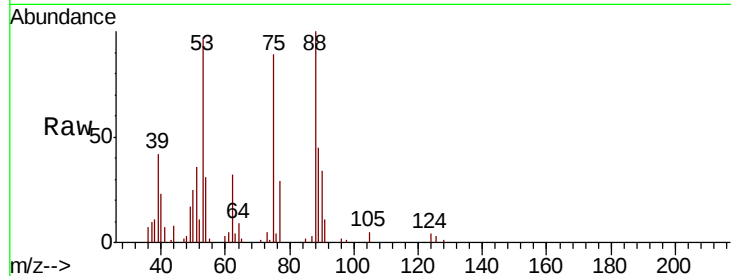
ClientSampleId :

VD1210SBS01

Tot Ion:	75	Resp:	22525
Ion Ratio	Lower	Upper	
75	100		
53	98.1	81.0	121.6
89	49.8	38.5	57.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.513 ug/l

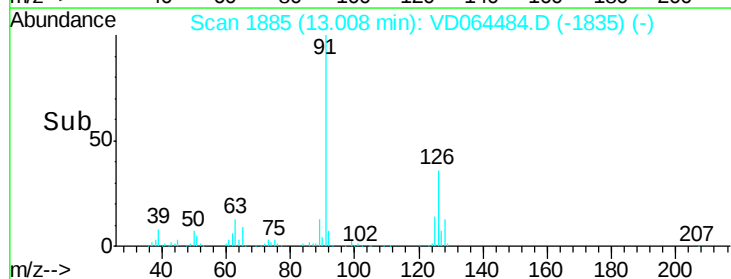
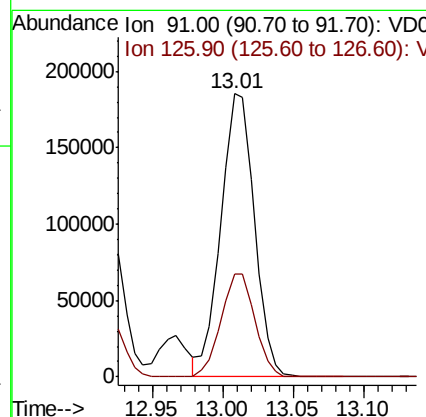
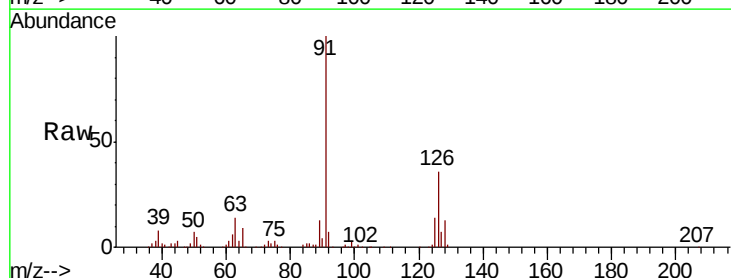
RT: 13.01 min Scan# 1885

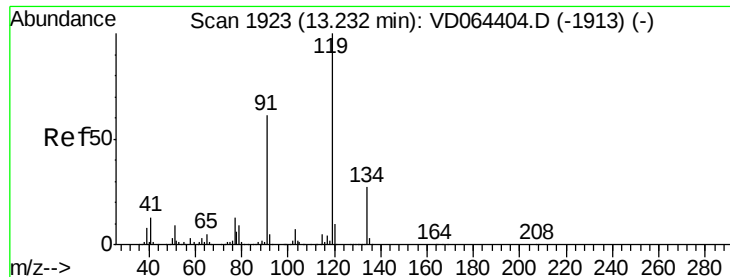
Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Tgt Ion:	91	Resp:	305794
Ion Ratio	Lower	Upper	
91	100		
126	36.8	18.2	54.6





#83

tert-Butylbenzene

Concen: 22.029 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Instrument :

MSVOA_D

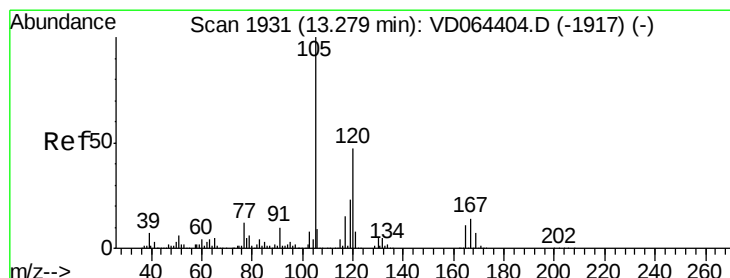
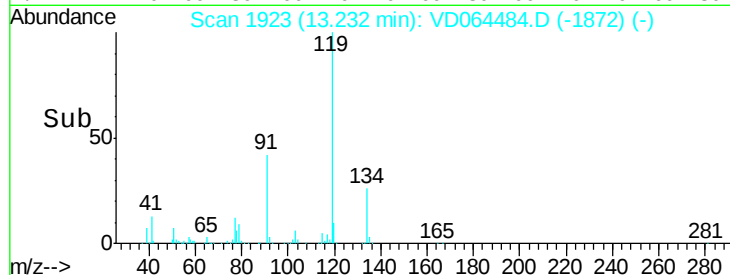
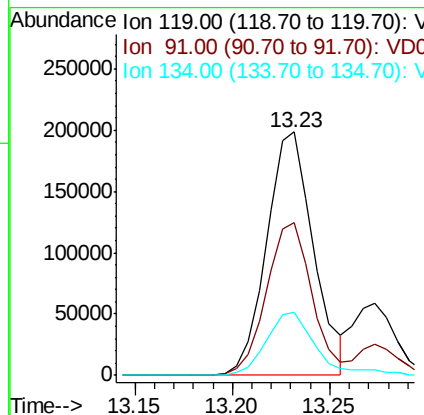
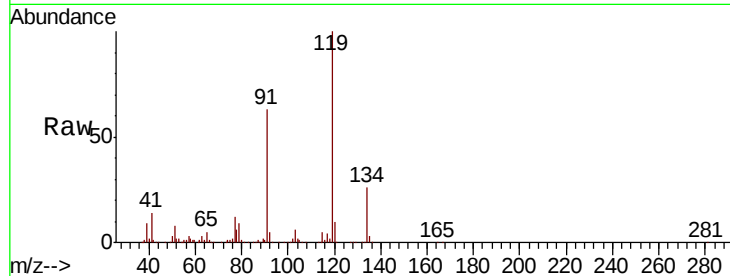
ClientSampleId :

VD1210SBS01

Tot Ion:	119	Resp:	330937
Ion Ratio	Lower	Upper	
119	100		
91	60.7	31.2	93.6
134	27.6	13.9	41.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.183 ug/l

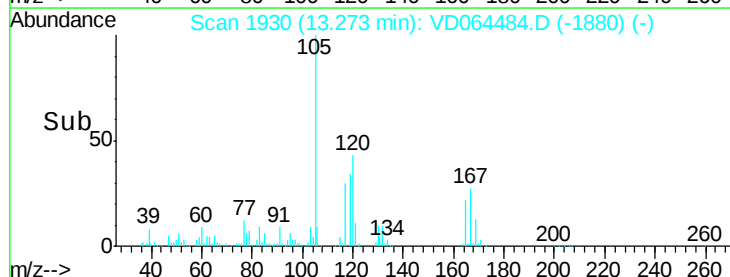
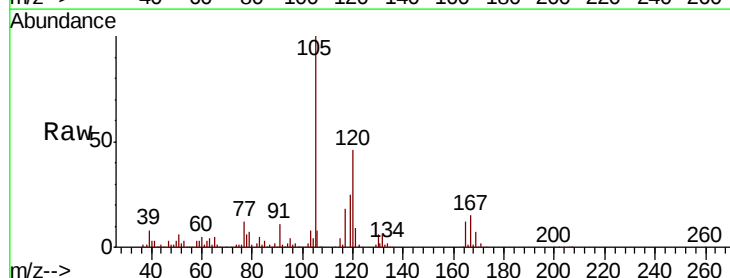
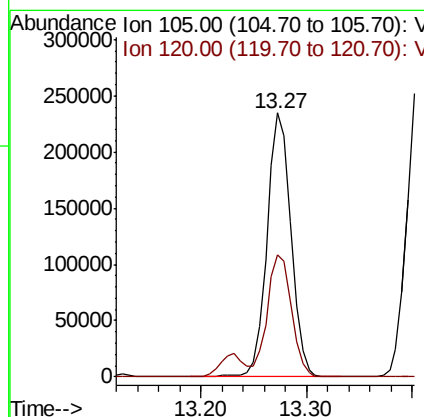
RT: 13.27 min Scan# 1930

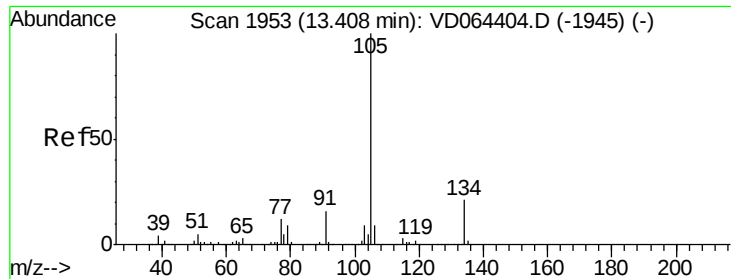
Delta R.T. -0.01 min

Lab File: VD064484.D

Acq: 10 Dec 2019 11:43

Tgt Ion:	105	Resp:	368076
Ion Ratio	Lower	Upper	
105	100		
120	47.6	23.6	70.8





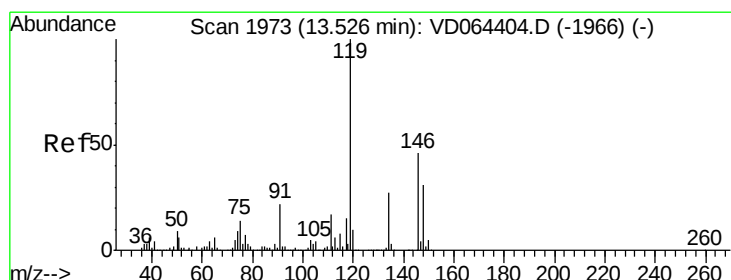
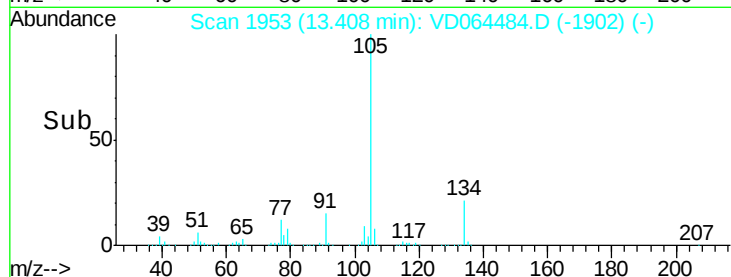
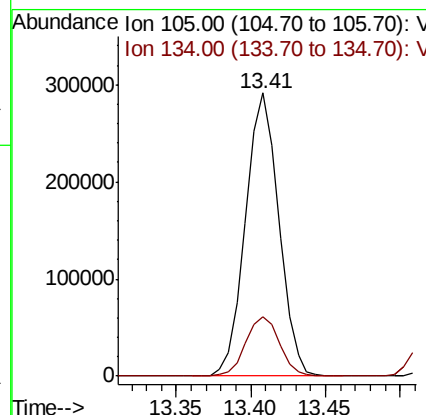
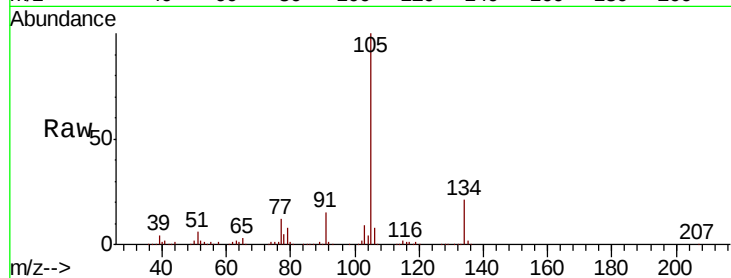
#85
 sec-Butylbenzene
 Concen: 21.853 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.5	31.5

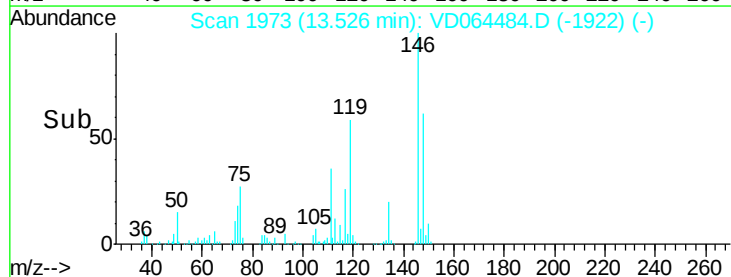
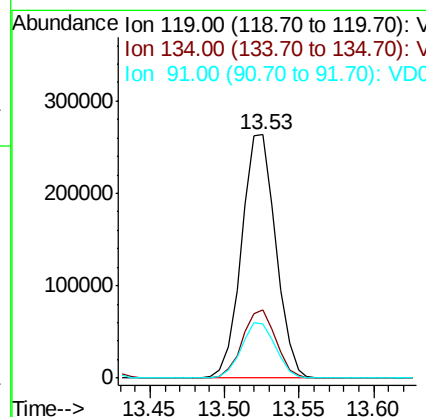
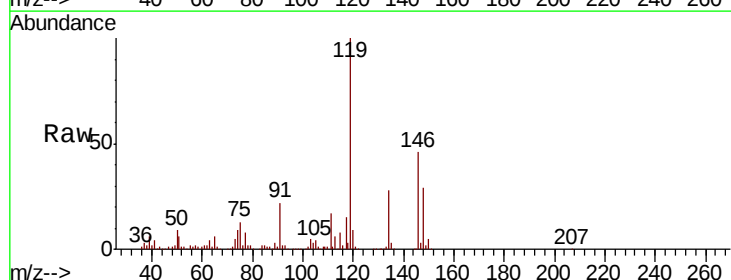
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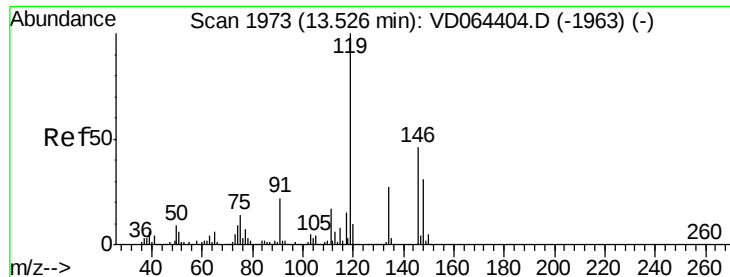
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#86
 p-Isopropyltoluene
 Concen: 21.457 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.5	40.4
91	22.9	11.2	33.5





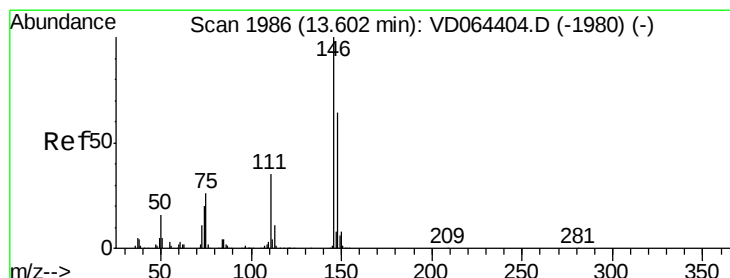
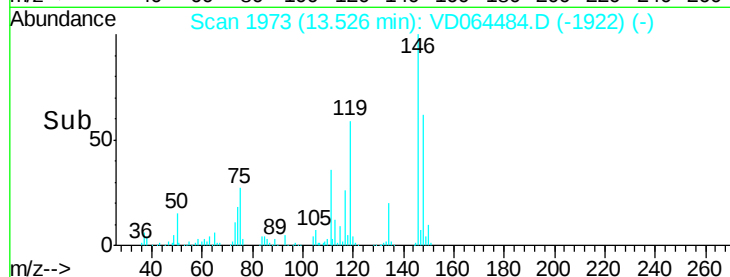
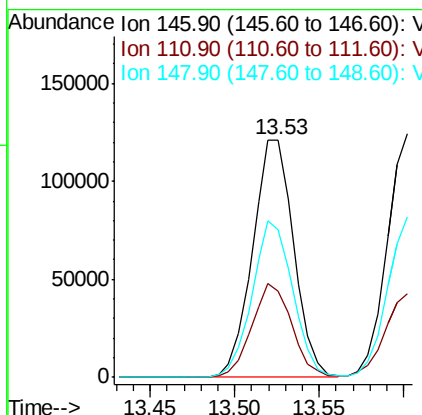
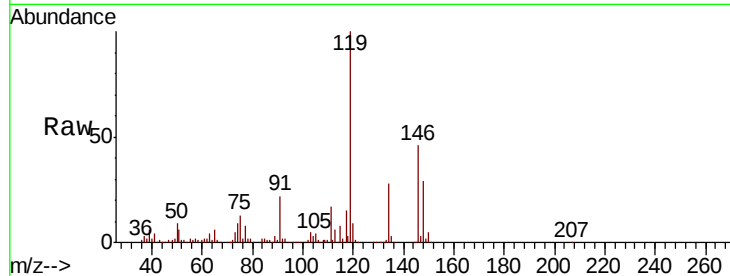
#87
 1,3-Dichlorobenzene
 Concen: 20.719 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.4
148	64.8	32.6	97.8

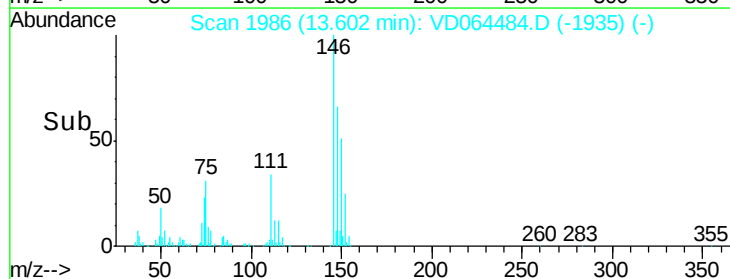
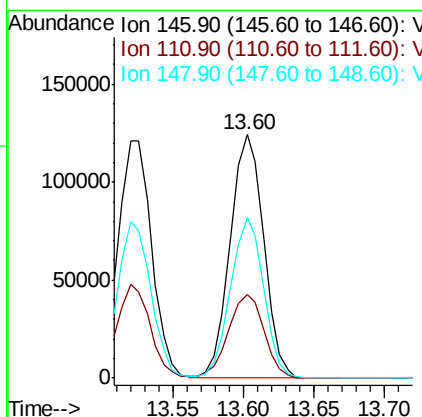
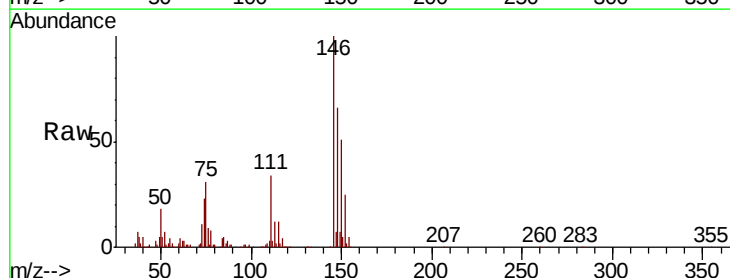
Manual Integrations
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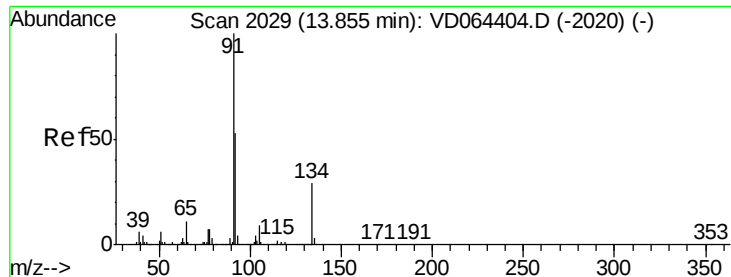
apatel
 12/11/2019 2:15:20 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.073 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.2	54.6
148	64.9	31.8	95.4





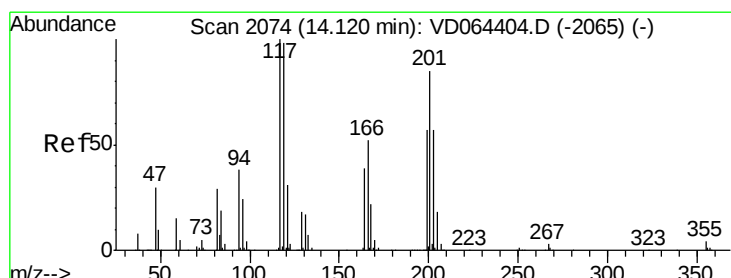
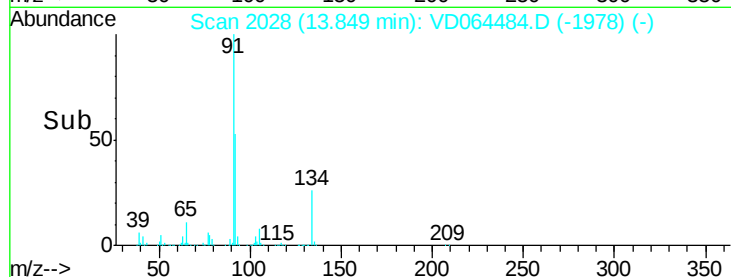
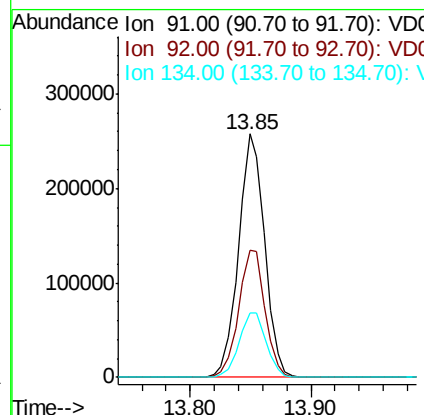
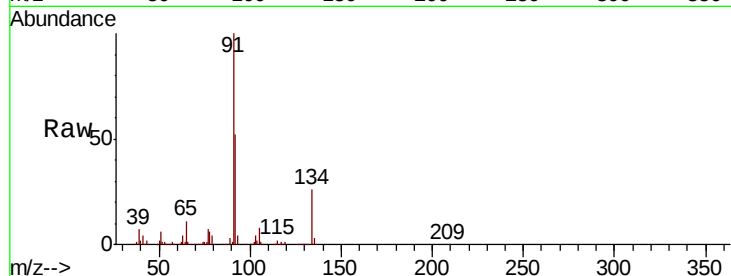
#89
n-Butylbenzene
Concen: 21.896 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.4
134	27.7	13.9	41.7

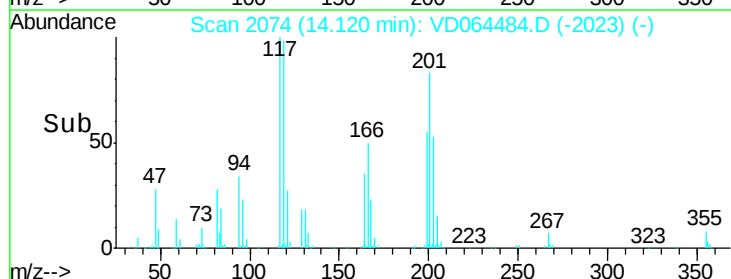
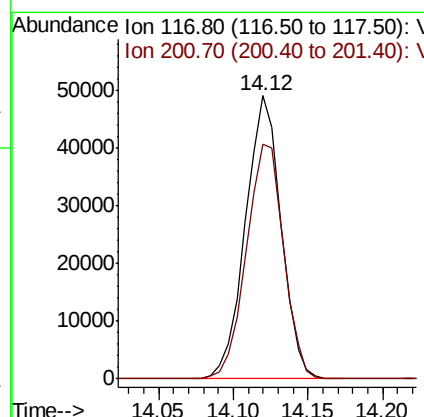
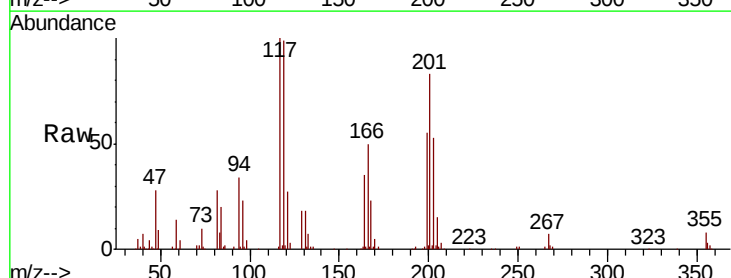
Manual Integrations
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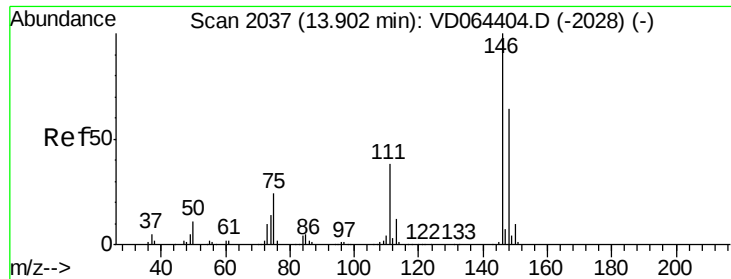
apatel
12/11/2019 2:15:20 PM



#90
Hexachloroethane
Concen: 22.255 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	44.3	132.8





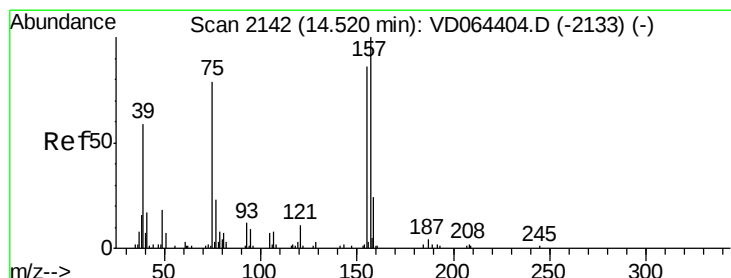
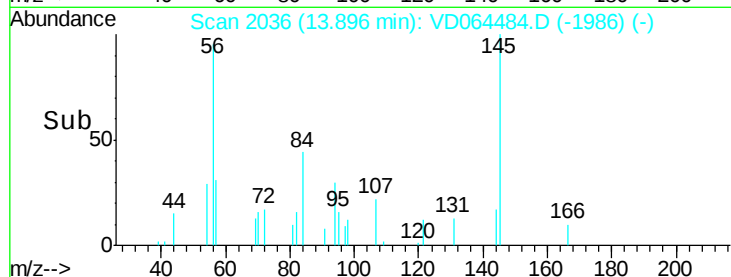
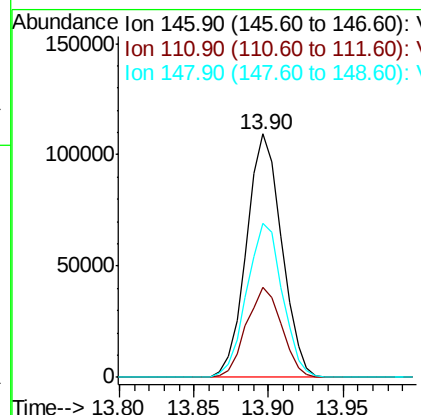
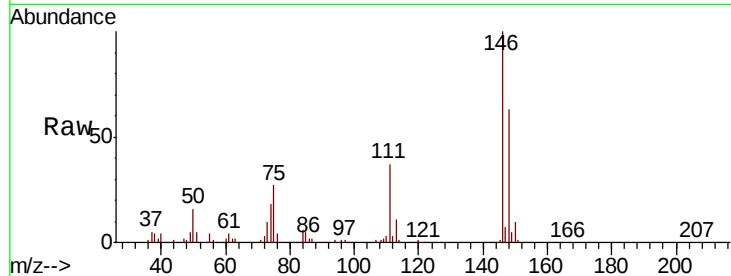
#91
 1,2-Dichlorobenzene
 Concen: 21.064 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.3
148	64.1	32.0	96.0

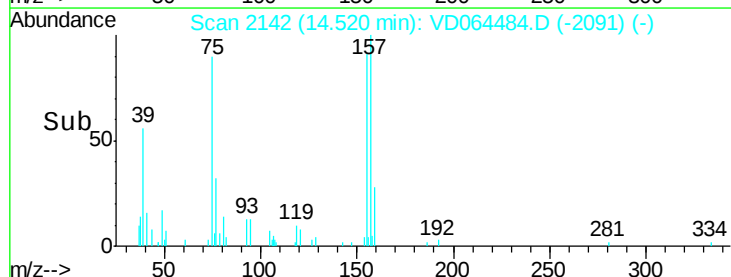
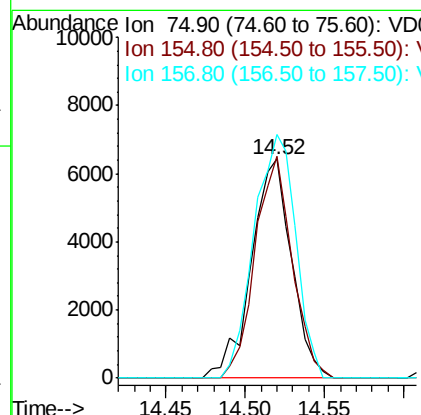
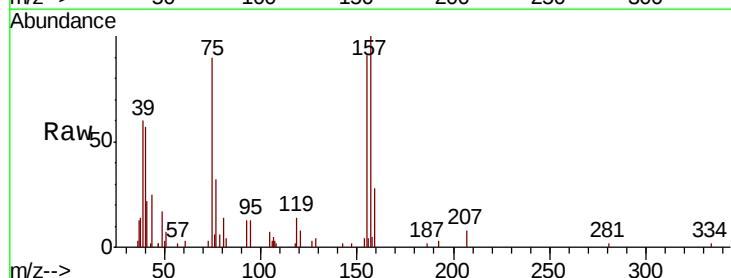
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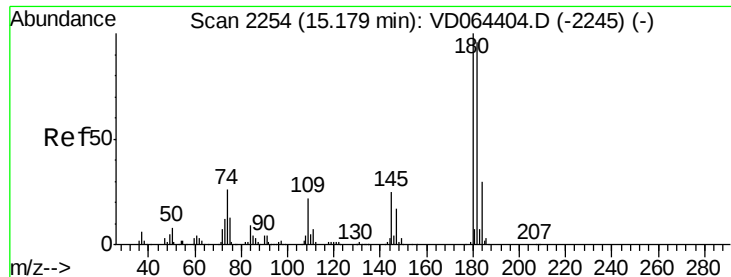
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.002 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	51.9	155.7
157	114.9	63.2	189.8





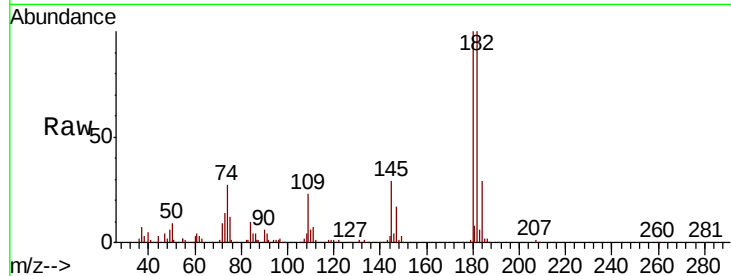
#93
 1,2,4-Trichlorobenzene
 Concen: 20.064 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

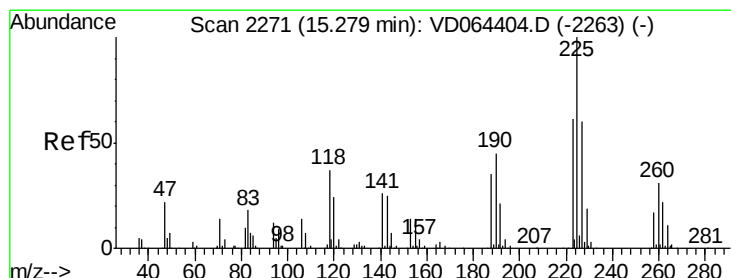
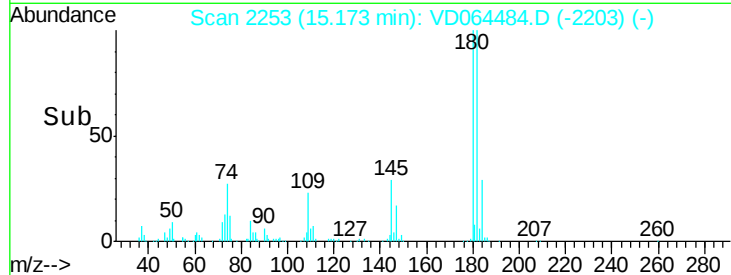
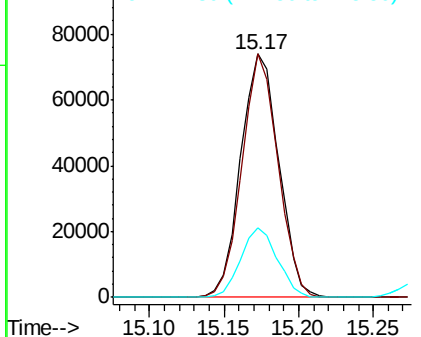
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	47.4	142.3	
145	27.6	14.0	41.9	

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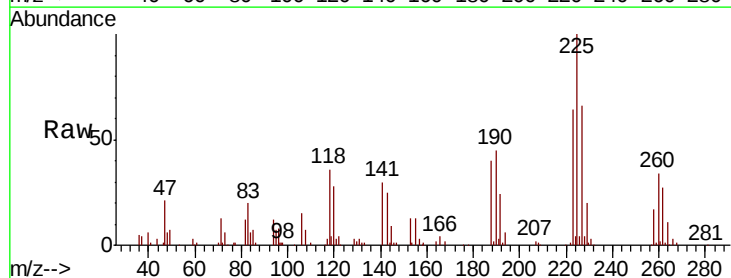


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

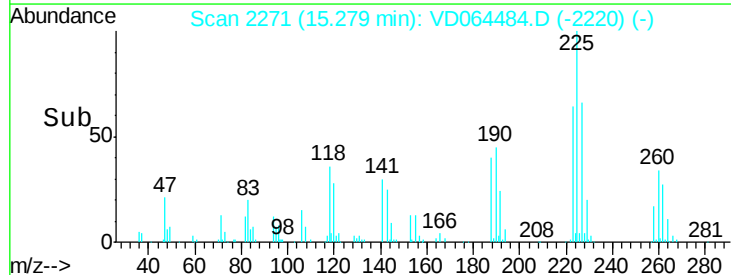
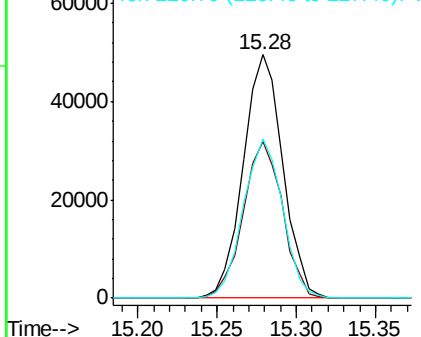


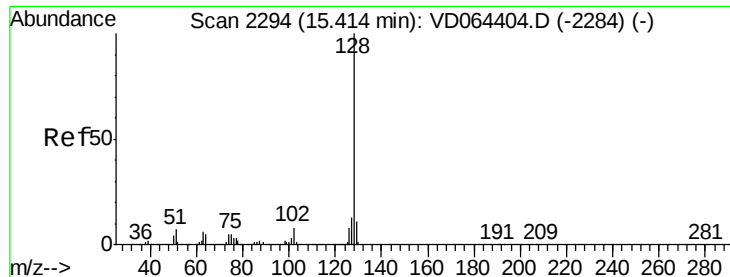
#94
 Hexachlorobutadiene
 Concen: 21.521 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD064484.D
 Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	31.1	93.3	
227	64.7	31.8	95.4	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





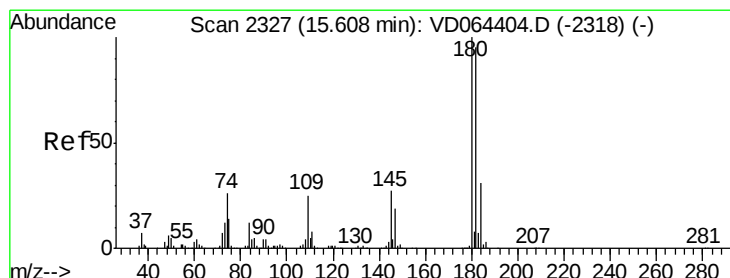
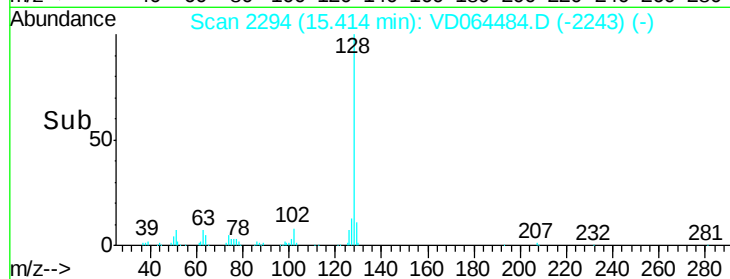
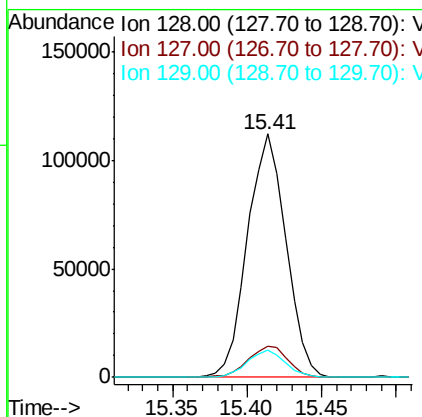
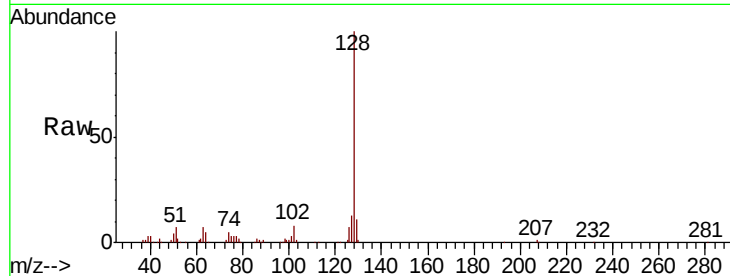
#95
Naphthalene
Concen: 18.511 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 20.345 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064484.D
Acq: 10 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.6	142.9
145	28.1	14.6	43.8

