

Data File : VD065512.D
Acq On : 16 Mar 2020 14:48
Operator : VA/SY
Sample : VD0316SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

Quant Time: Mar 17 07:27:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	469583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	680789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	617666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	309718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	200612	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.92	113	214618	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.34	98	826762	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.64	95	269087	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	89262	22.118	ug/l	99
3) Chloromethane	2.21	50	102369	21.010	ug/l	98
4) Vinyl Chloride	2.36	62	104037	21.648	ug/l	95
5) Bromomethane	2.77	94	71585	24.105	ug/l	96
6) Chloroethane	2.93	64	64693	21.979	ug/l	98
7) Trichlorofluoromethane	3.28	101	153071	21.616	ug/l	98
8) Diethyl Ether	3.71	74	46634	22.145	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	98690	21.639	ug/l	99
10) Methyl Iodide	4.30	142	105693	22.307	ug/l	99
11) Tert butyl alcohol	5.24	59	21601	93.491	ug/l #	92
12) 1,1-Dichloroethene	4.06	96	91774	21.014	ug/l	93
13) Acrolein	3.93	56	26392	66.233	ug/l	97
14) Allyl chloride	4.71	41	138925	20.708	ug/l	99
15) Acrylonitrile	5.44	53	91620	100.006	ug/l	97
16) Acetone	4.17	43	73975	90.807	ug/l	94
17) Carbon Disulfide	4.41	76	295185	20.297	ug/l	100
18) Methyl Acetate	4.72	43	43764	21.178	ug/l	94
19) Methyl tert-butyl Ether	5.49	73	174757	20.809	ug/l	98
20) Methylene Chloride	4.97	84	112485	23.602	ug/l	99
21) trans-1,2-Dichloroethene	5.48	96	105152	21.645	ug/l	98
22) Diisopropyl ether	6.37	45	277435	22.246	ug/l	98
23) Vinyl Acetate	6.31	43	709485	102.458	ug/l	98
24) 1,1-Dichloroethane	6.27	63	176132	22.019	ug/l	97
25) 2-Butanone	7.23	43	106133	95.469	ug/l	97
26) 2,2-Dichloropropane	7.21	77	153984	22.028	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	109634	22.078	ug/l	97
28) Bromochloromethane	7.55	49	69927	21.850	ug/l	99
29) Tetrahydrofuran	7.58	42	68785	96.888	ug/l	98
30) Chloroform	7.71	83	177127	22.154	ug/l	95
31) Cyclohexane	7.98	56	161021	20.131	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	160006	21.656	ug/l	98
36) 1,1-Dichloropropene	8.12	75	138709	21.255	ug/l	99
37) Ethyl Acetate	7.30	43	52132	20.668	ug/l	98
38) Carbon Tetrachloride	8.10	117	148591	21.958	ug/l	99

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MSVOA_D
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	162006	20.555	ug/l	95
40) Benzene	8.36	78	405331	22.215	ug/l	100
41) Methacrylonitrile	7.53	41	26431	19.814	ug/l	92
42) 1,2-Dichloroethane	8.43	62	102169	21.444	ug/l	100
43) Isopropyl Acetate	8.46	43	92533	19.868	ug/l	97
44) Trichloroethene	9.11	130	114001	22.124	ug/l	99
45) 1,2-Dichloropropane	9.39	63	99888	22.600	ug/l	98
46) Dibromomethane	9.48	93	49147	21.438	ug/l	95
47) Bromodichloromethane	9.67	83	132526	22.220	ug/l	98
48) Methyl methacrylate	9.46	41	43052	19.652	ug/l	99
49) 1,4-Dioxane	9.47	88	10526	401.398	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	241701	103.130	ug/l	98
52) Toluene	10.41	92	259517	22.578	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	120765	21.667	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	148109	21.954	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	70022	21.565	ug/l	98
56) Ethyl methacrylate	10.67	69	73237	20.007	ug/l	99
57) 1,3-Dichloropropane	10.95	76	121379	22.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	113049	100.132	ug/l	99
59) 2-Hexanone	10.99	43	159659	98.411	ug/l	98
60) Dibromochloromethane	11.14	129	93513	22.467	ug/l	100
61) 1,2-Dibromoethane	11.25	107	68128	21.997	ug/l	98
64) Tetrachloroethene	10.88	164	97891	22.118	ug/l	98
65) Chlorobenzene	11.67	112	269799	22.073	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	103510	23.252	ug/l	96
67) Ethyl Benzene	11.75	91	460847	21.821	ug/l	99
68) m/p-Xylenes	11.86	106	368443	45.244	ug/l	100
69) o-Xylene	12.18	106	160108	22.351	ug/l	100
70) Styrene	12.20	104	287098	22.773	ug/l	99
71) Bromoform	12.37	173	54167	21.663	ug/l #	98
73) Isopropylbenzene	12.48	105	434681	21.338	ug/l	99
74) N-amyl acetate	12.30	43	81711	19.592	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	73879	20.632	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	94545	38.686	ug/l #	100
77) Bromobenzene	12.77	156	112196	22.167	ug/l	98
78) n-propylbenzene	12.83	91	529238	21.896	ug/l	100
79) 2-Chlorotoluene	12.91	91	297128	21.812	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	366003	21.854	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	24170	20.870	ug/l	98
82) 4-Chlorotoluene	13.01	91	311962	21.793	ug/l	99
83) tert-Butylbenzene	13.23	119	298169	21.044	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	364645	22.088	ug/l	100
85) sec-Butylbenzene	13.41	105	432157	21.368	ug/l	99
86) p-Isopropyltoluene	13.53	119	403121	21.844	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	211694	21.755	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	210989	21.797	ug/l	99
89) n-Butylbenzene	13.85	91	358360	21.004	ug/l	99
90) Hexachloroethane	14.12	117	79900	21.023	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	179472	21.673	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	10942	20.064	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031620\
Quantitation Report (Not Reviewed)

Data File : VD065512.D
Acq On : 16 Mar 2020 14:48
Operator : VA/SY
Sample : VD0316SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

Quant Time: Mar 17 07:27:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	119598	21.309	ug/l	100
94) Hexachlorobutadiene	15.28	225	79012	21.425	ug/l	96
95) Naphthalene	15.41	128	178797	20.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	105963	21.848	ug/l	100

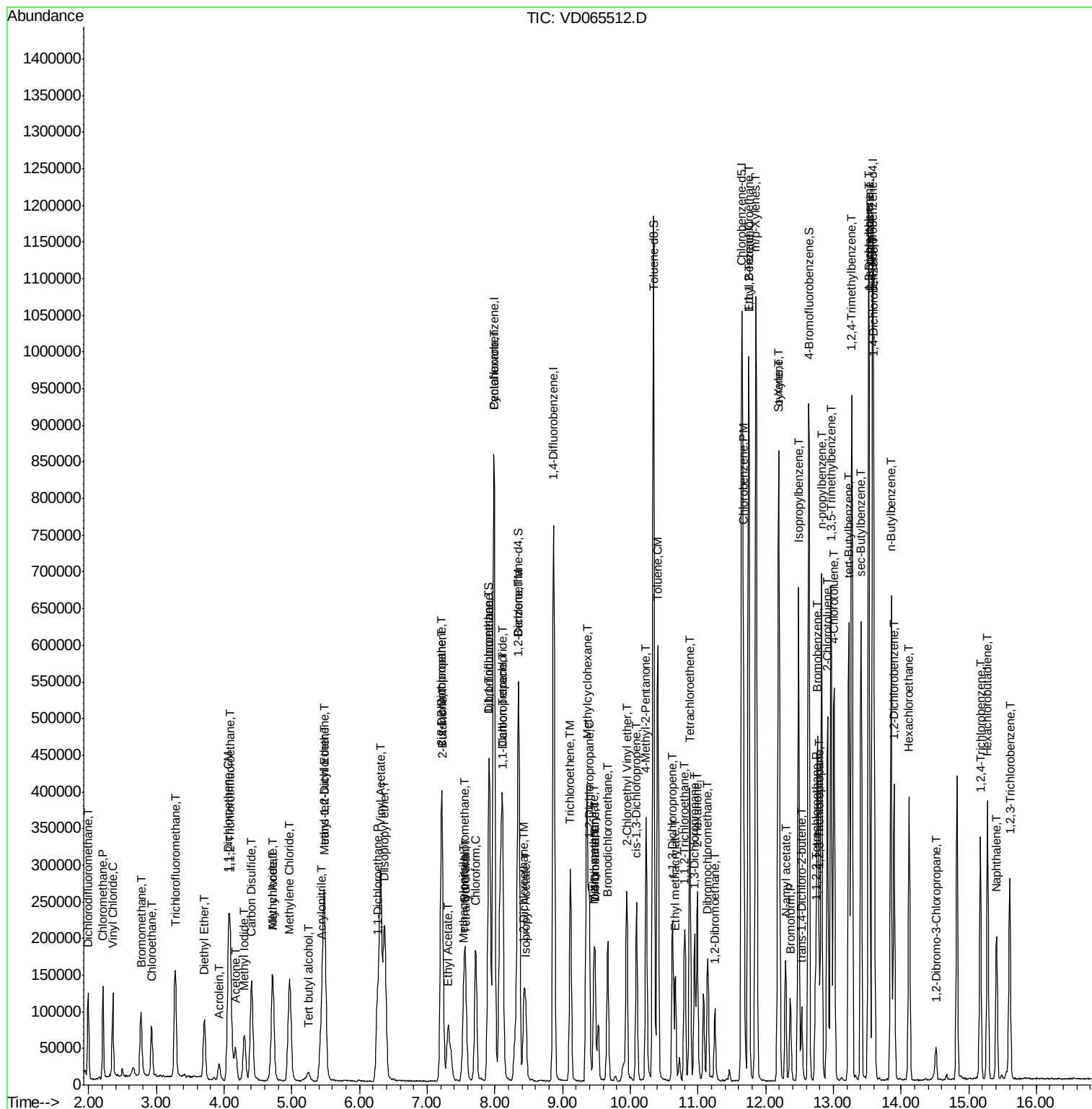
(#) = qualifier out of range (m) = manual integration (+) = signals summed

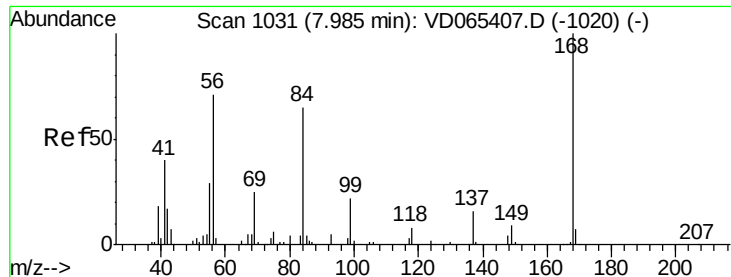
Data File : VD065512.D

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Acq On       : 16 Mar 2020   14:48
Operator    : VA/SY
Sample      : VD0316BSD01
Misc       : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial    : 6      Sample Multiplier: 1
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Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

Quant Time: Mar 17 07:27:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

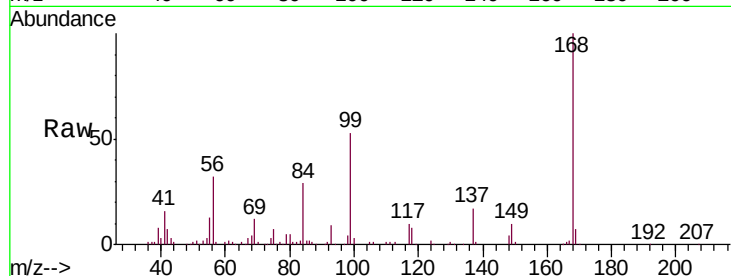
VD0316SBSD01

Tgt Ion: 168 Resp: 469583

Ion Ratio Lower Upper

168 100

99 53.2 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

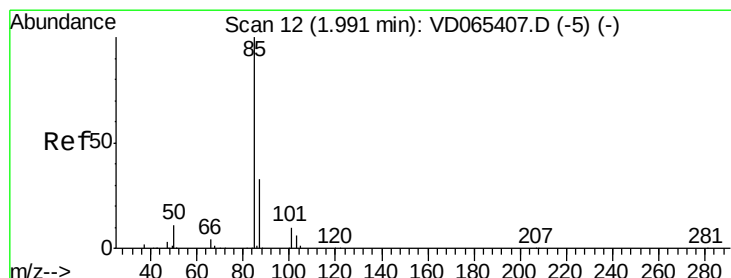
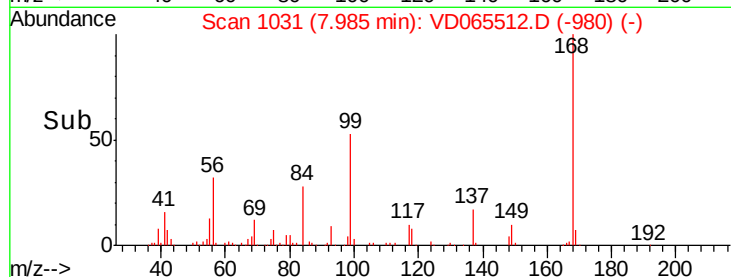
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.118 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065512.D

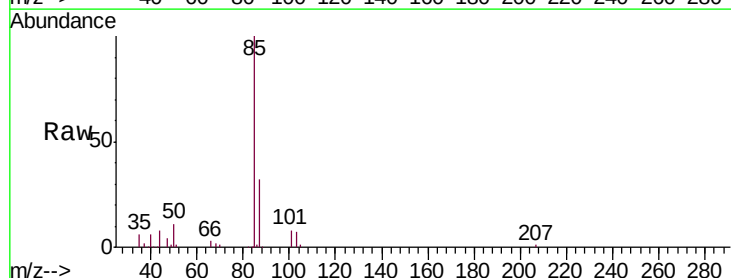
Acq: 16 Mar 2020 14:48

Tgt Ion: 85 Resp: 89262

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

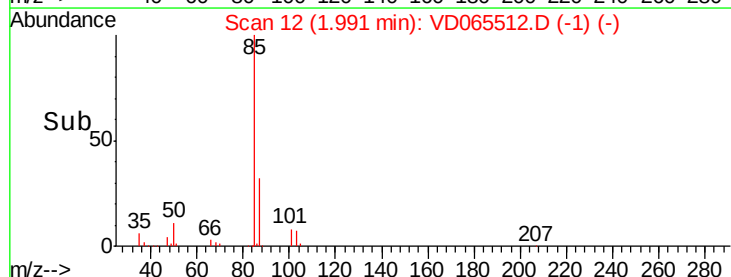
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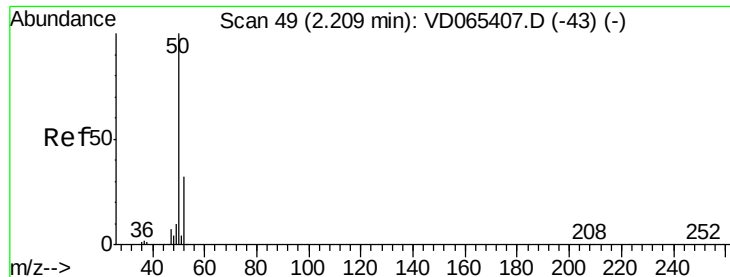
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 21.010 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

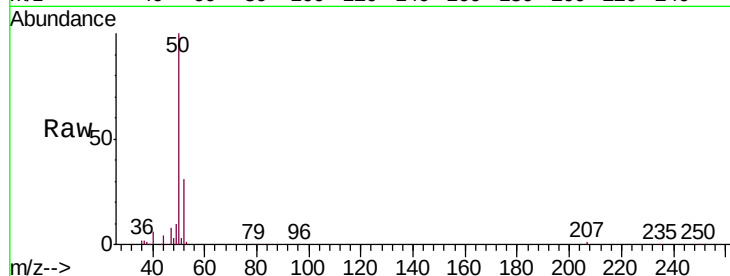
VD0316SBS01

Tgt Ion: 50 Resp: 102369

Ion Ratio Lower Upper

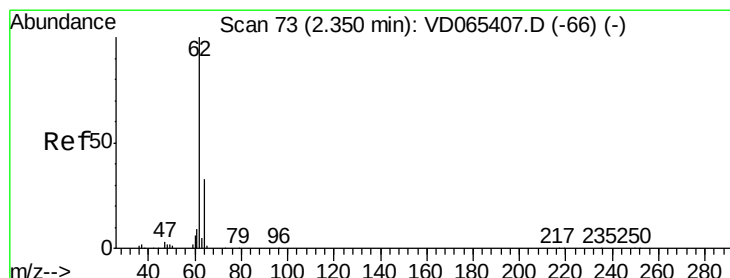
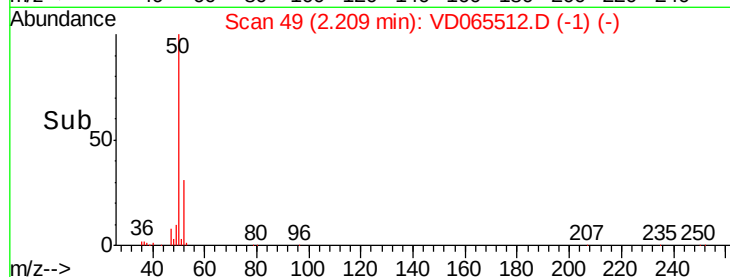
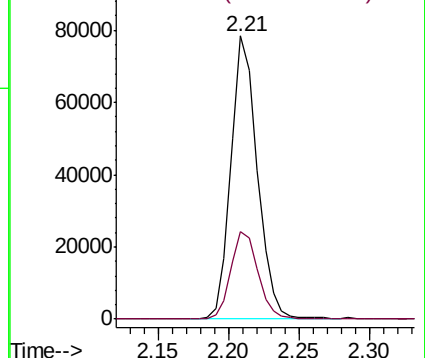
50 100

52 31.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.648 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD065512.D

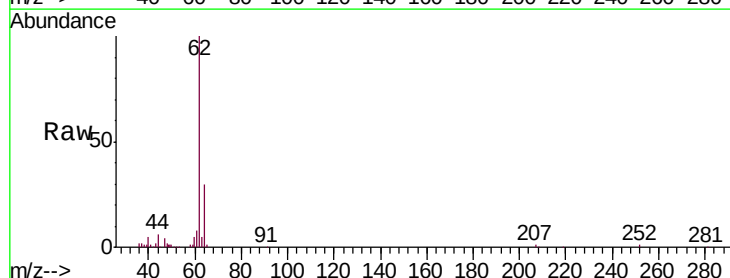
Acq: 16 Mar 2020 14:48

Tgt Ion: 62 Resp: 104037

Ion Ratio Lower Upper

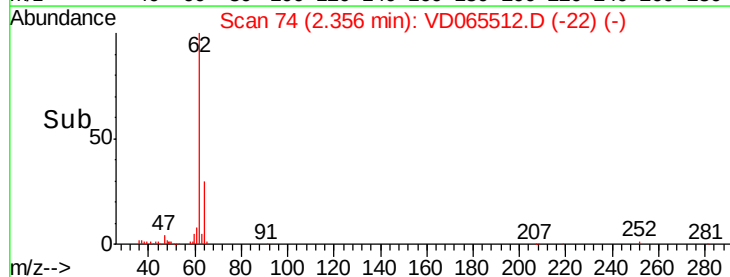
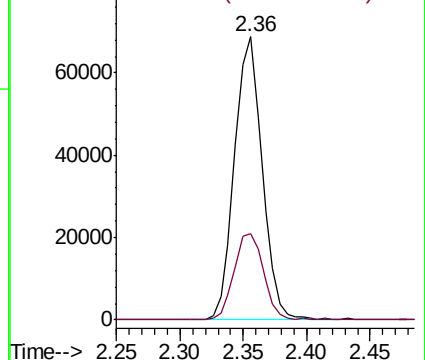
62 100

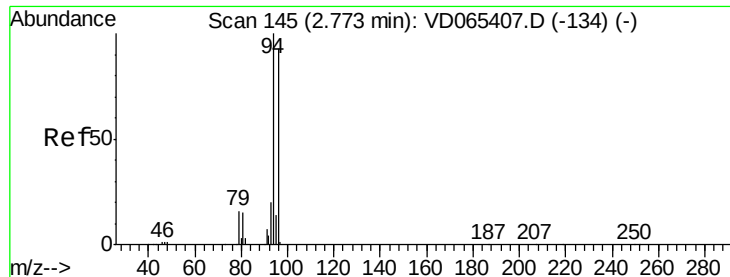
64 30.3 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 24.105 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

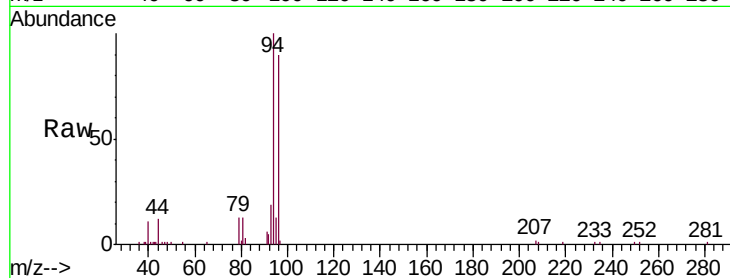
VD0316SBS01

Tgt Ion: 94 Resp: 71585

Ion Ratio Lower Upper

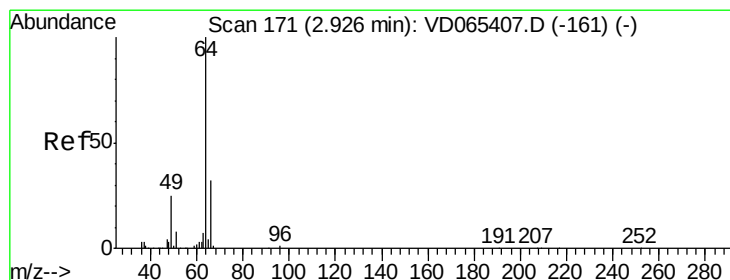
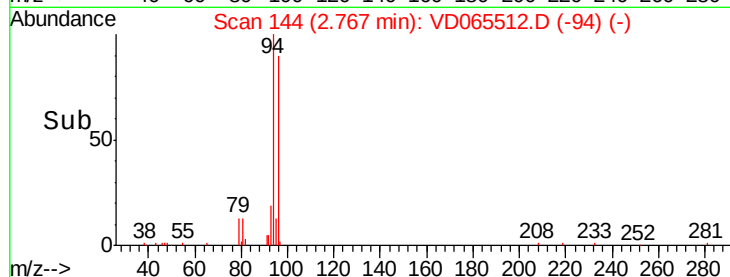
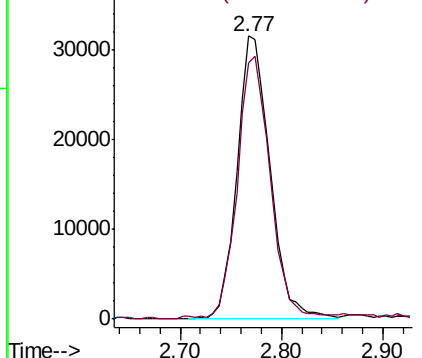
94 100

96 89.3 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.979 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065512.D

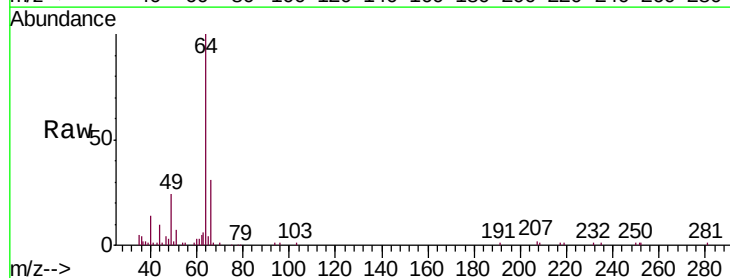
Acq: 16 Mar 2020 14:48

Tgt Ion: 64 Resp: 64693

Ion Ratio Lower Upper

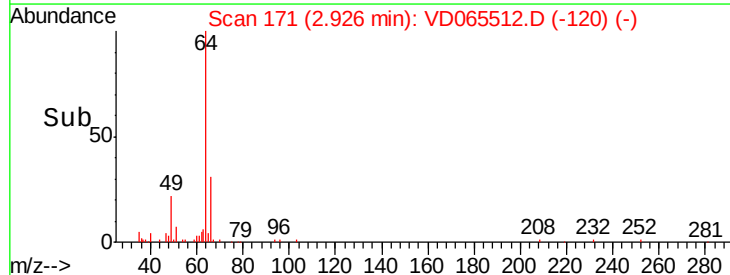
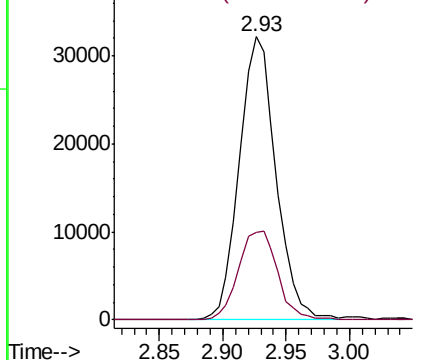
64 100

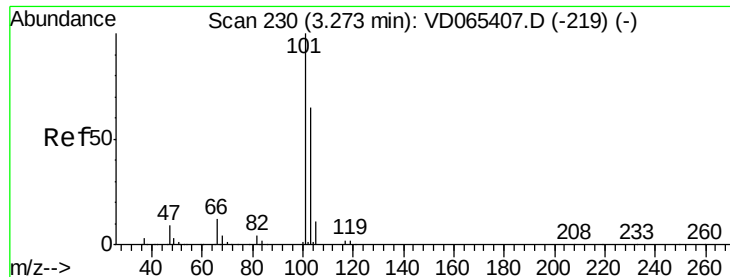
66 31.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



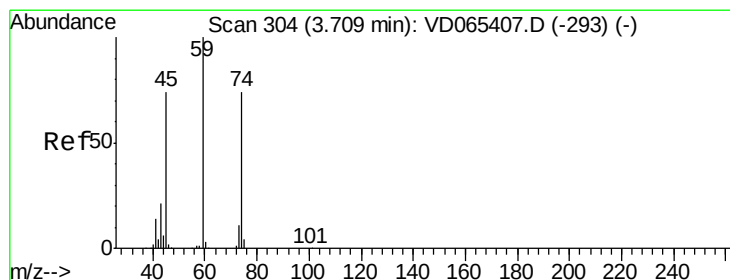
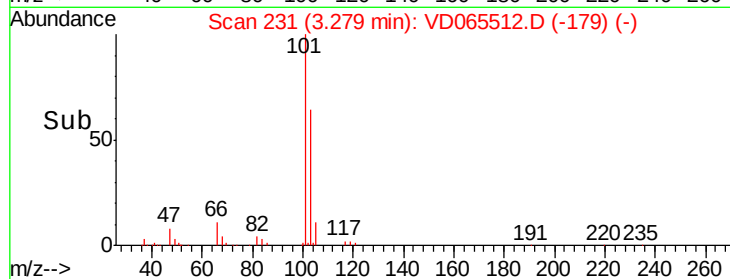
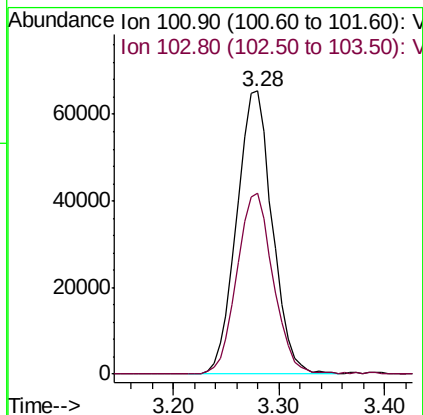
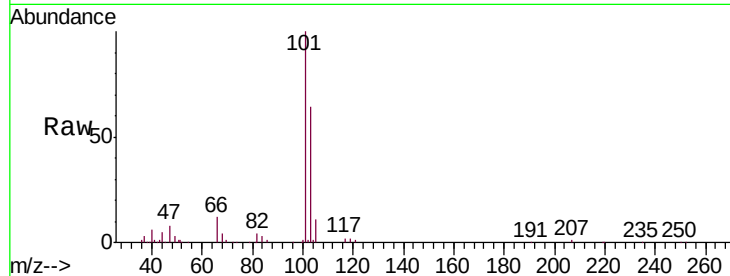


#7

Trichlorofluoromethane
 Concen: 21.616 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

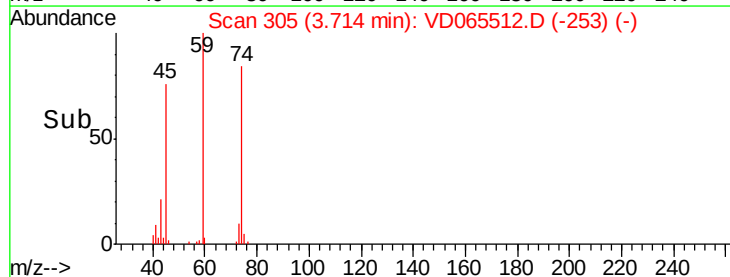
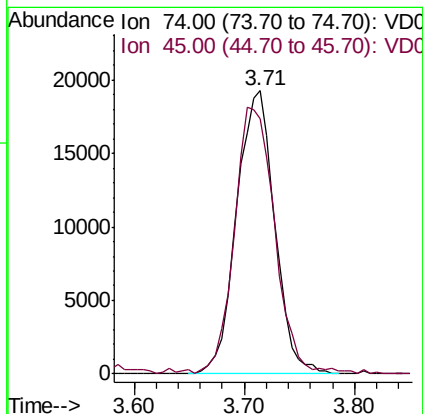
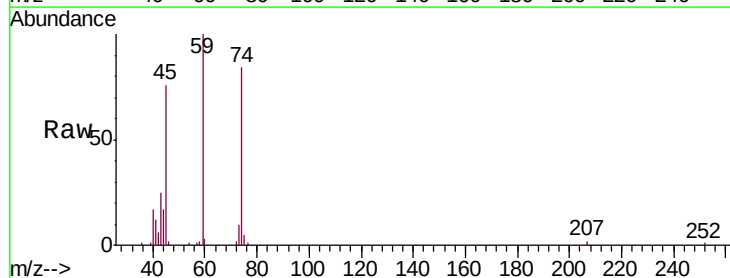
Tgt Ion:101 Resp: 153071
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.1 78.1

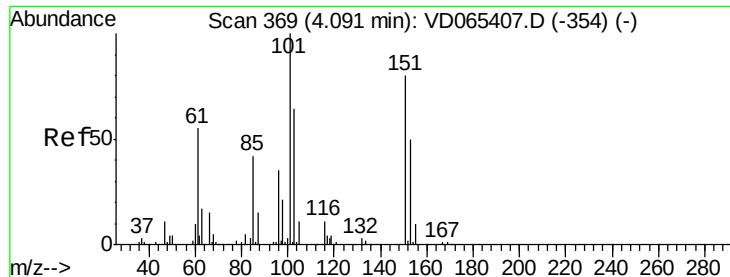


#8

Diethyl Ether
 Concen: 22.145 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion: 74 Resp: 46634
 Ion Ratio Lower Upper
 74 100
 45 99.9 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.639 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

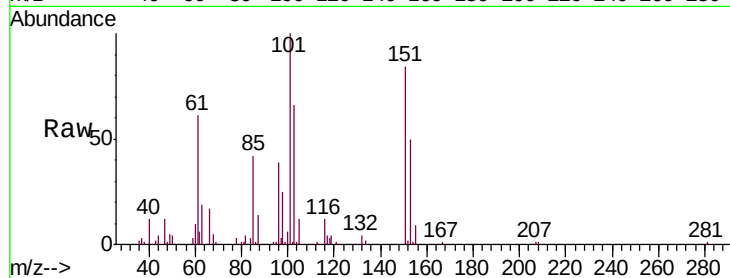
Tgt Ion:101 Resp: 98690

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.2

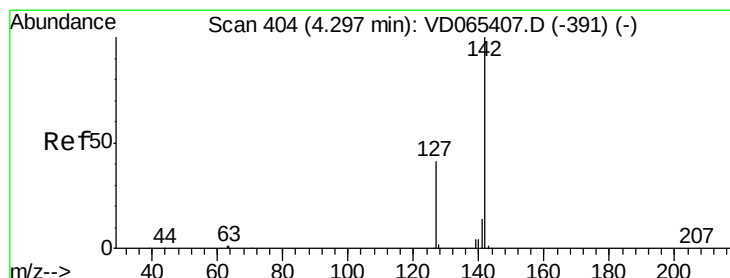
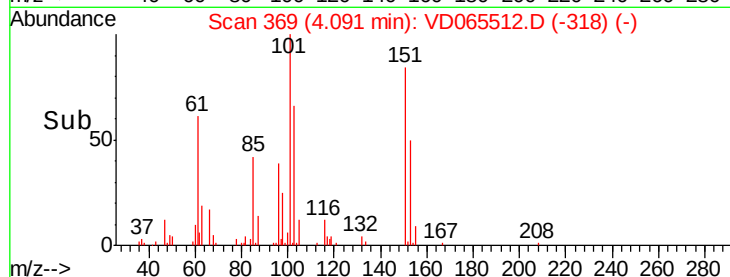
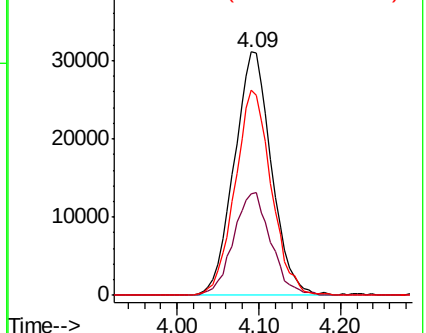
151 82.0 65.1 97.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.307 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

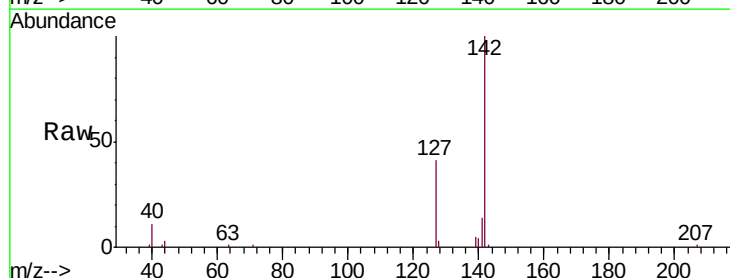
Tgt Ion:142 Resp: 105693

Ion Ratio Lower Upper

142 100

127 43.1 35.0 52.6

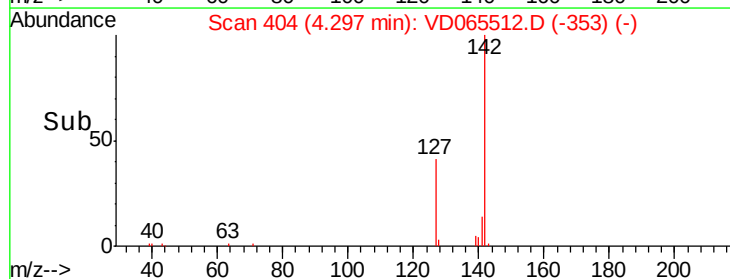
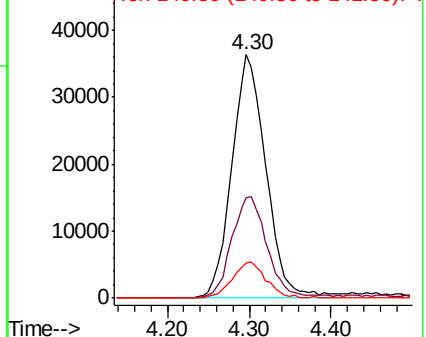
141 14.6 12.4 18.6

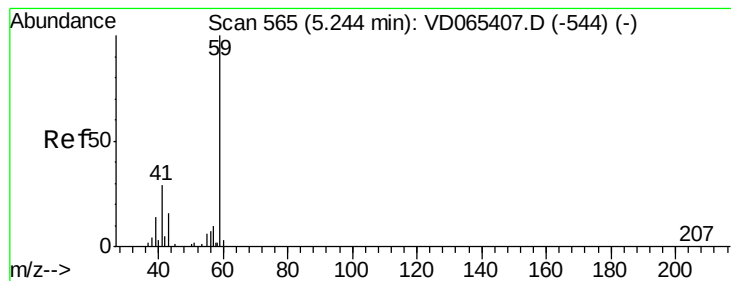


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.491 ug/l

RT: 5.24 min Scan# 565

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

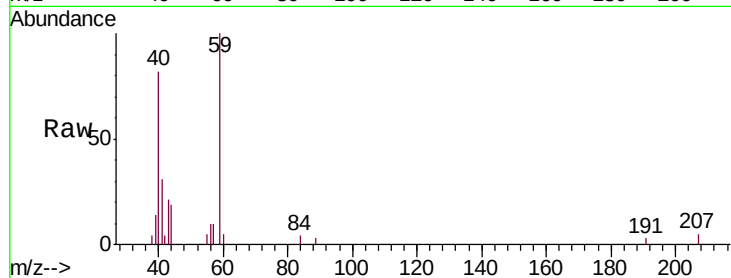
VD0316SBS01

Tgt Ion: 59 Resp: 21601

Ion Ratio Lower Upper

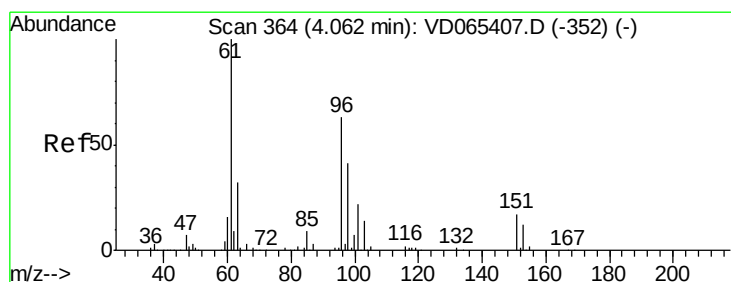
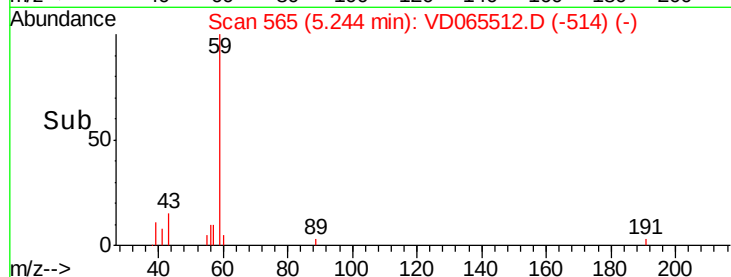
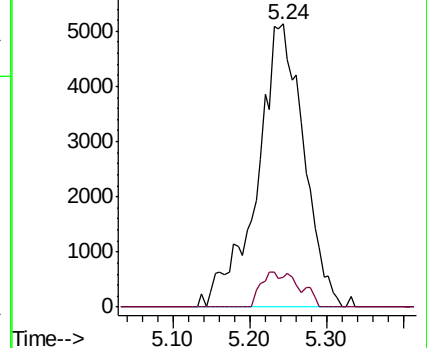
59 100

57 5.8 6.9 10.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 21.014 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

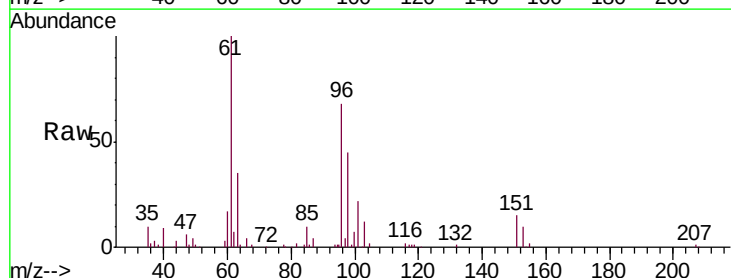
Tgt Ion: 96 Resp: 91774

Ion Ratio Lower Upper

96 100

61 147.7 128.0 192.0

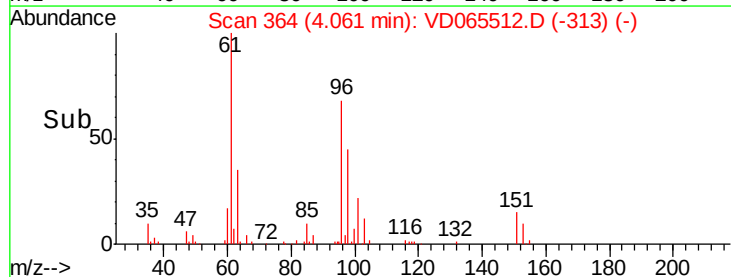
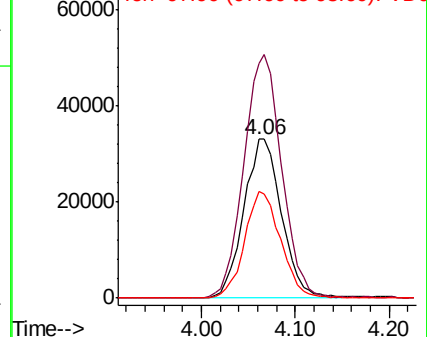
98 67.0 51.9 77.9

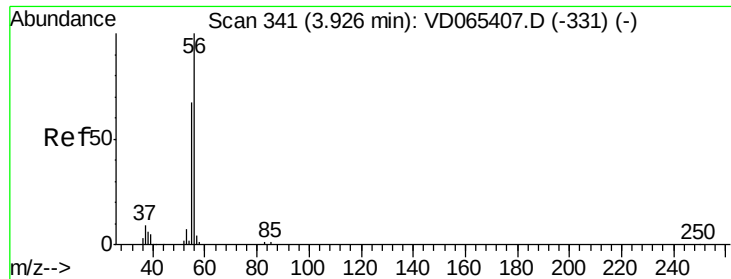


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 66.233 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

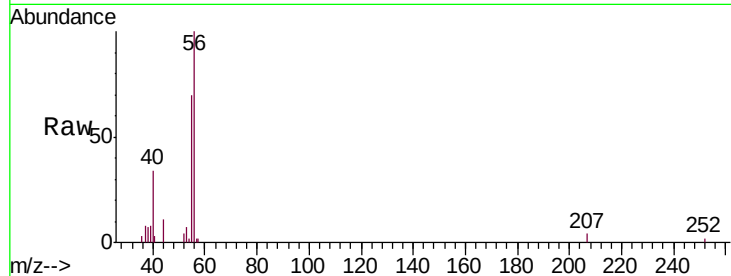
VD0316SBSD01

Tgt Ion: 56 Resp: 26392

Ion Ratio Lower Upper

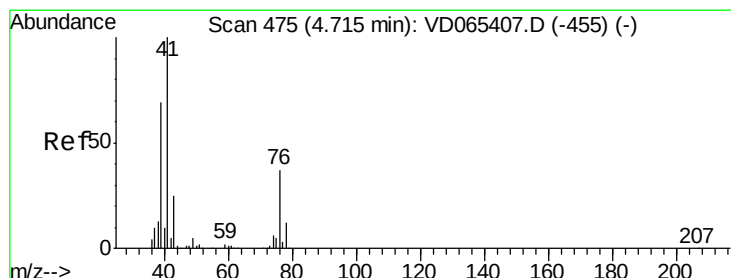
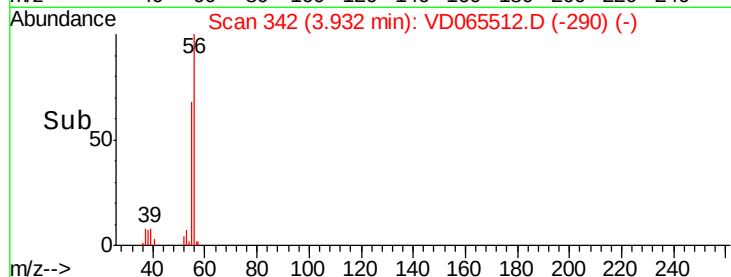
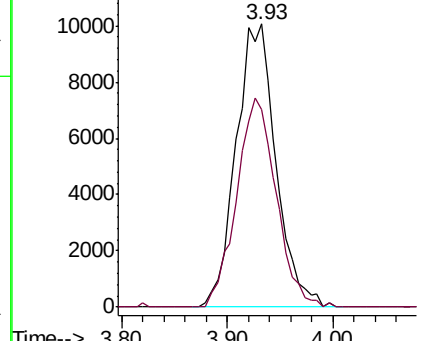
56 100

55 73.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.708 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

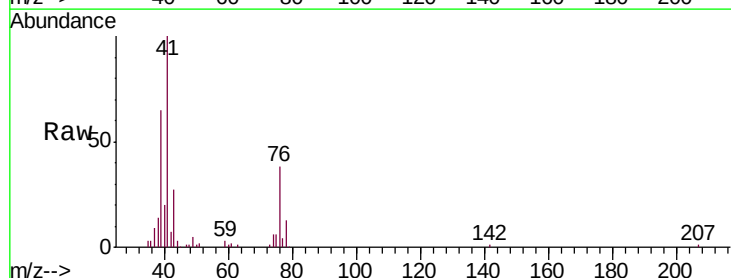
Tgt Ion: 41 Resp: 138925

Ion Ratio Lower Upper

41 100

39 65.2 52.6 79.0

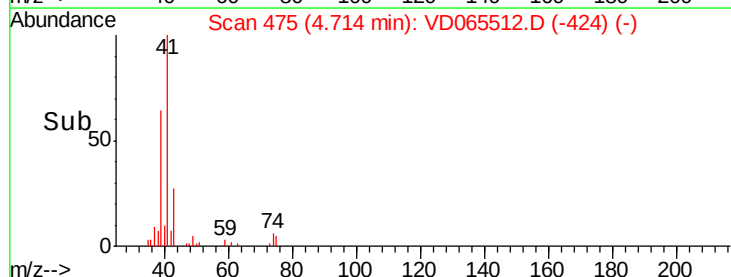
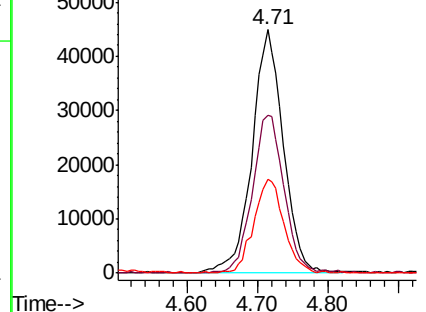
76 37.2 29.2 43.8

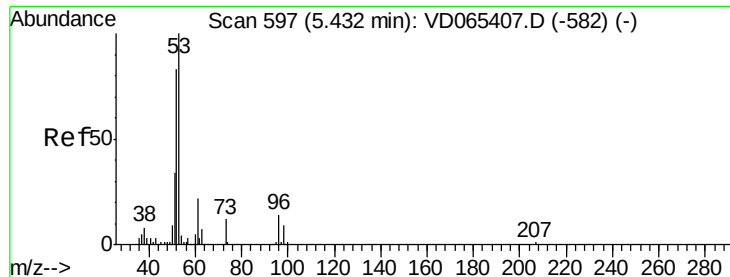


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 100.006 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

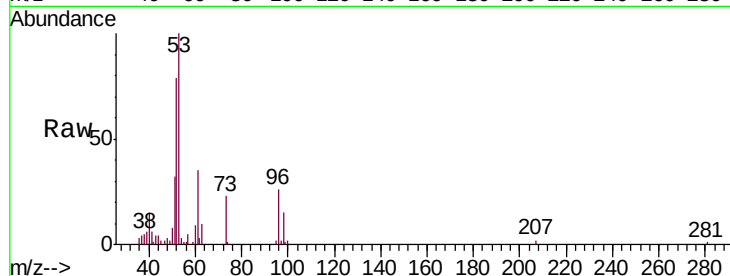
Tgt Ion: 53 Resp: 91620

Ion Ratio Lower Upper

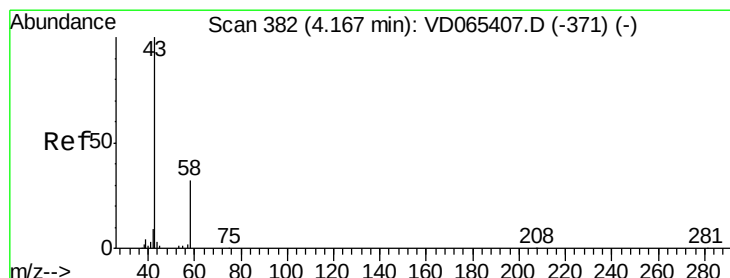
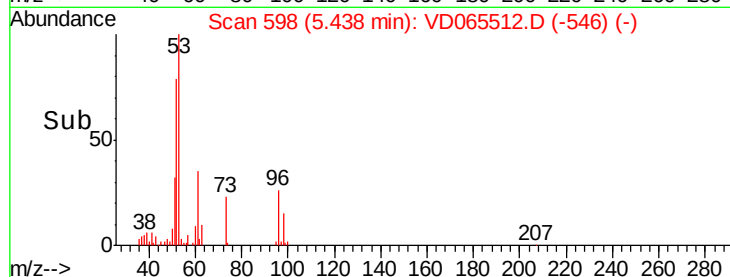
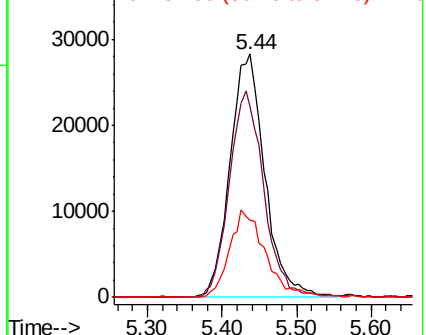
53 100

52 83.8 65.1 97.7

51 36.9 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 90.807 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065512.D

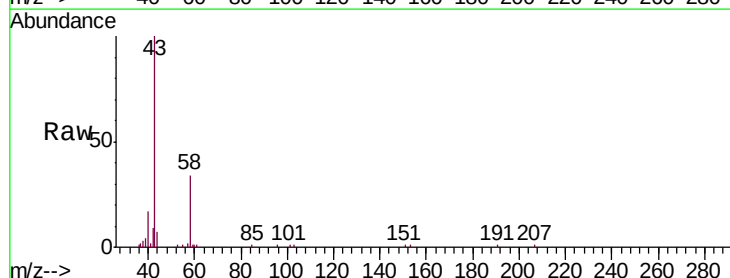
Acq: 16 Mar 2020 14:48

Tgt Ion: 43 Resp: 73975

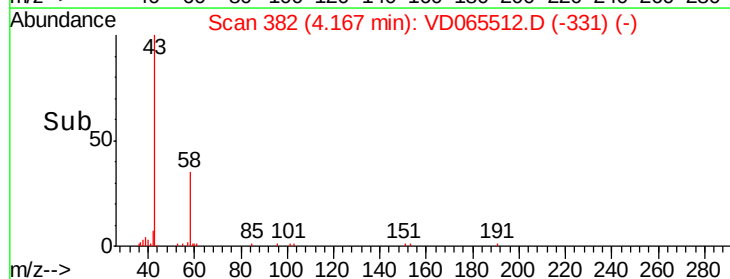
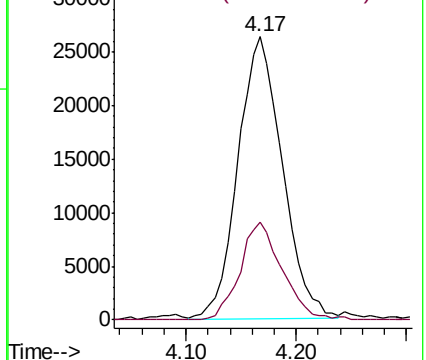
Ion Ratio Lower Upper

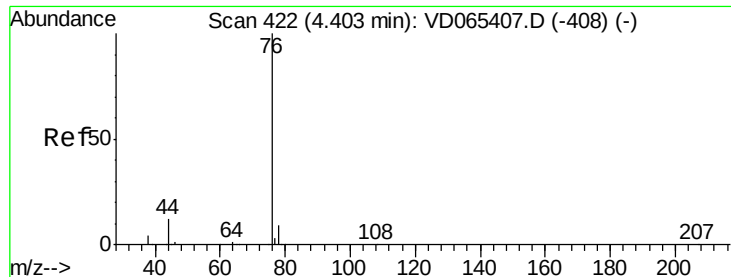
43 100

58 34.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 20.297 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.01 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

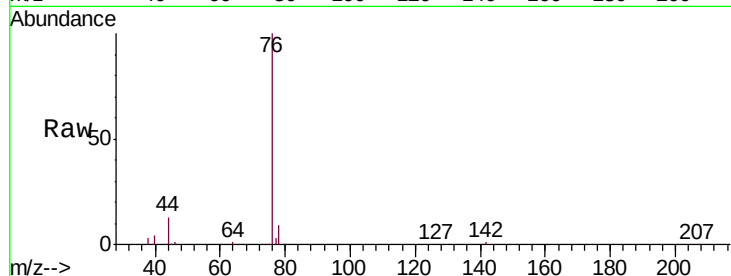
VD0316SBSD01

Tgt Ion: 76 Resp: 295185

Ion Ratio Lower Upper

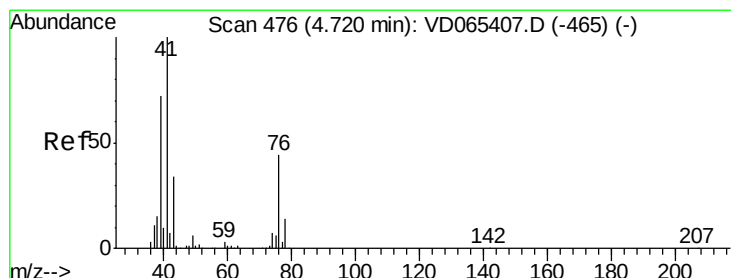
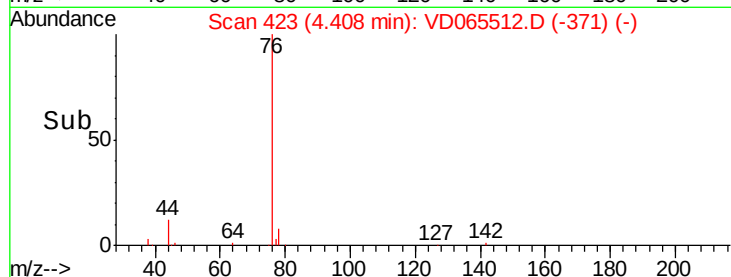
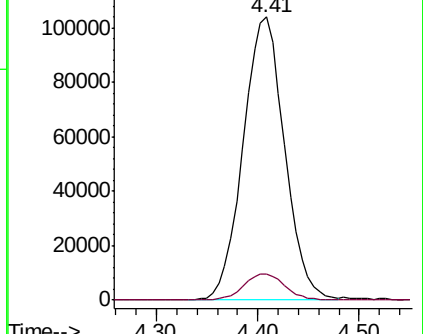
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 21.178 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD065512.D

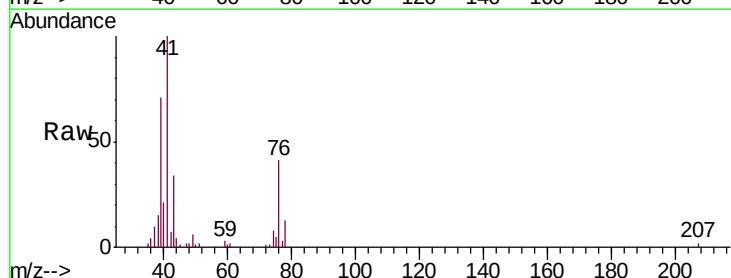
Acq: 16 Mar 2020 14:48

Tgt Ion: 43 Resp: 43764

Ion Ratio Lower Upper

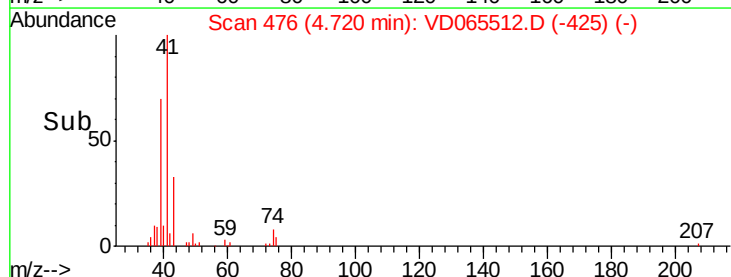
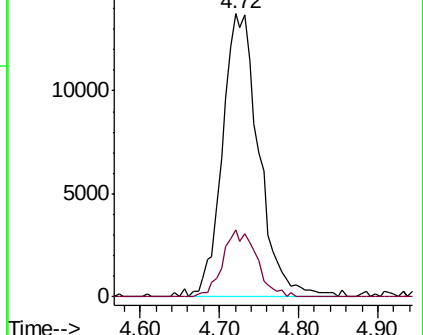
43 100

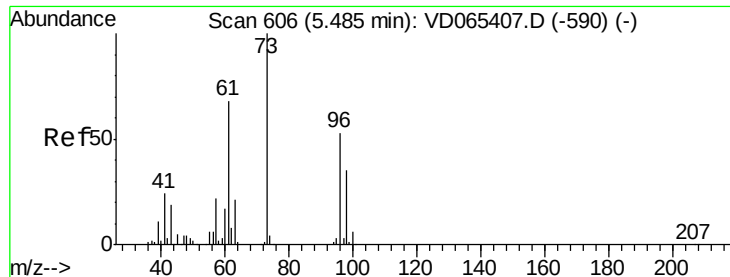
74 21.7 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

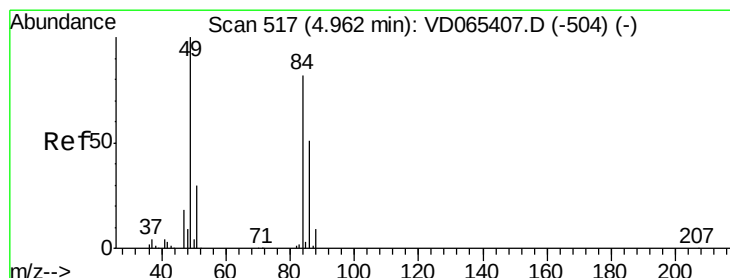
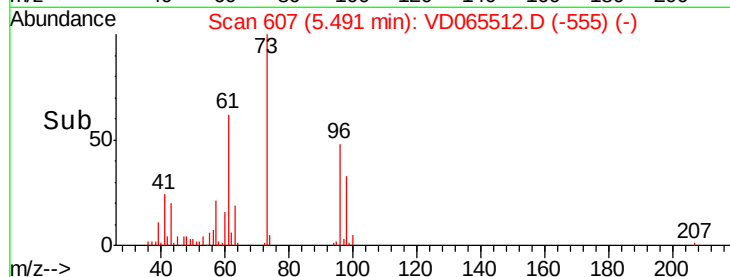
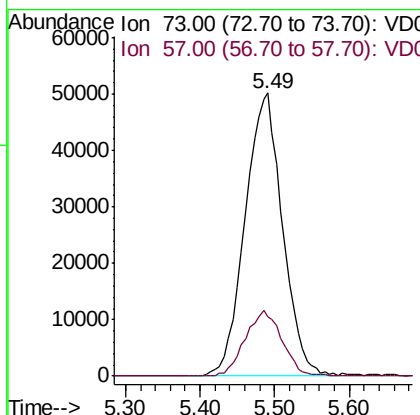
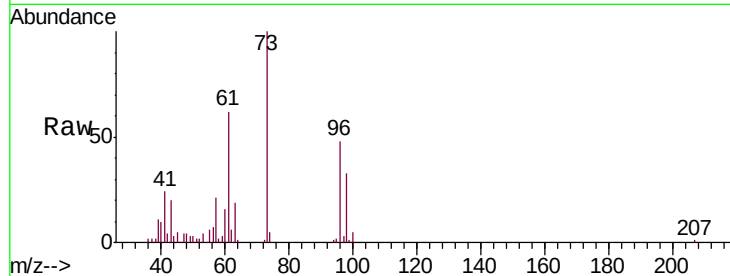




#19
Methyl tert-butyl Ether
Concen: 20.809 ug/l
RT: 5.49 min Scan# 607
Delta R.T. 0.01 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

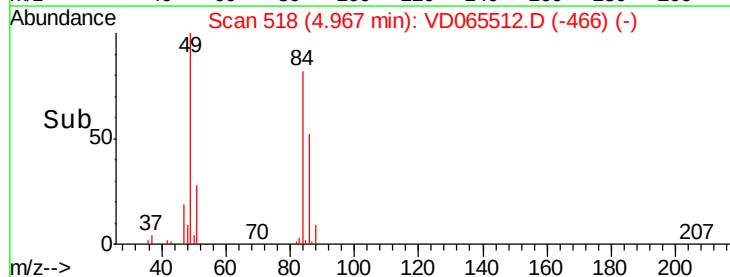
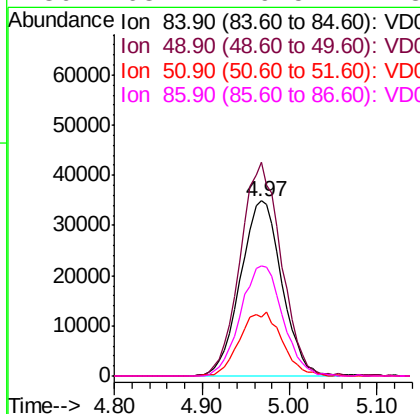
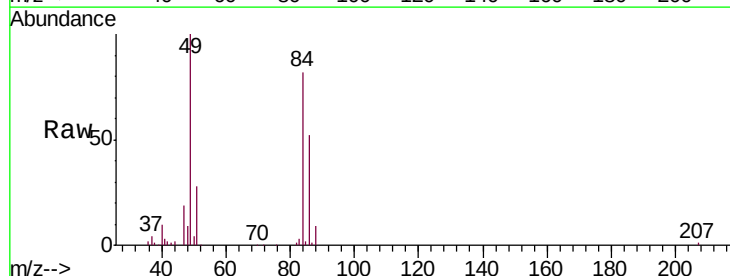
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

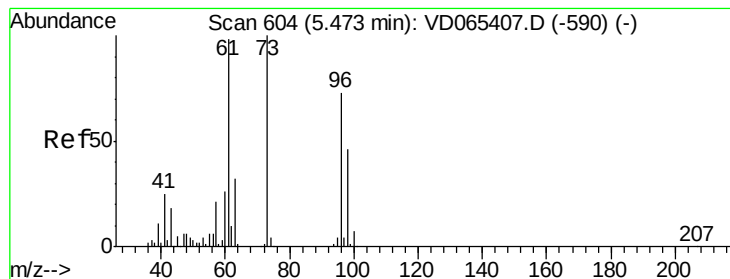
Tgt Ion: 73 Resp: 174757
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 23.602 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion: 84 Resp: 112485
Ion Ratio Lower Upper
84 100
49 122.2 97.7 146.5
51 33.9 28.8 43.2
86 63.2 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 21.645 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

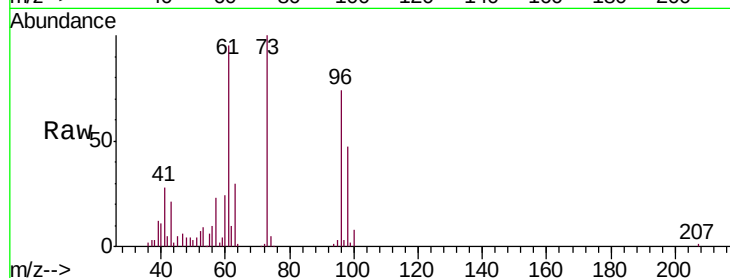
Tgt Ion: 96 Resp: 105152

Ion Ratio Lower Upper

96 100

61 129.6 106.3 159.5

98 63.2 50.2 75.4

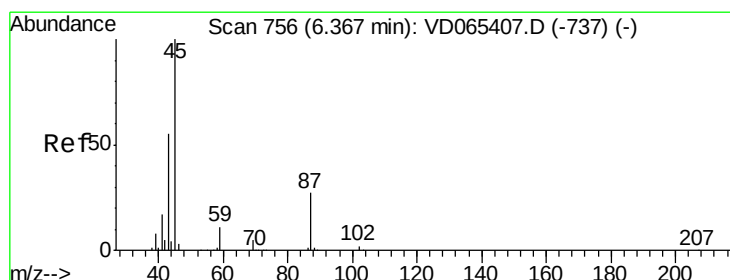
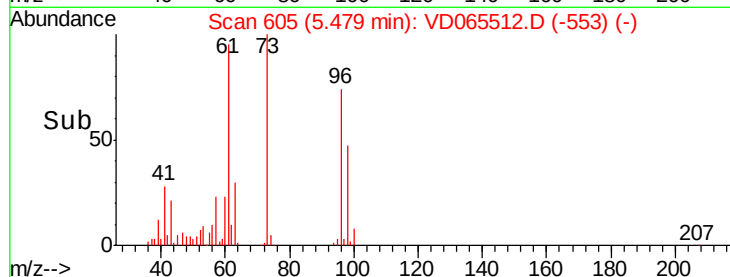
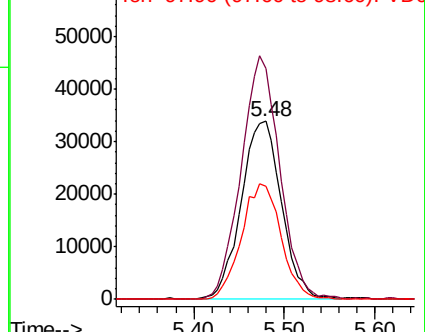


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 22.246 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Tgt Ion: 45 Resp: 277435

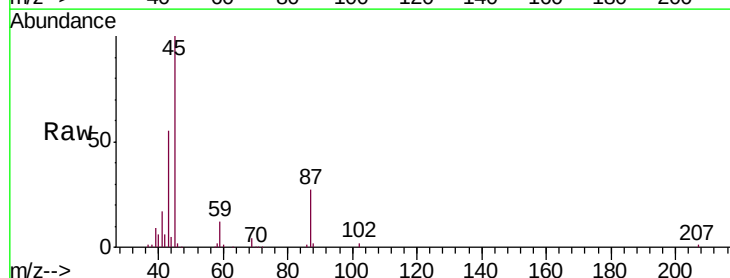
Ion Ratio Lower Upper

45 100

43 53.5 44.4 66.6

87 27.2 21.9 32.9

59 11.9 9.2 13.8



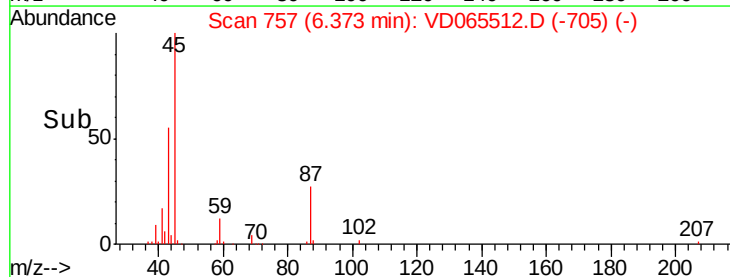
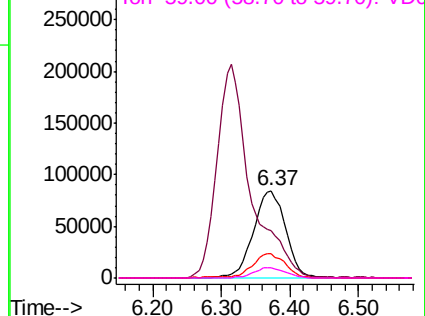
Abundance

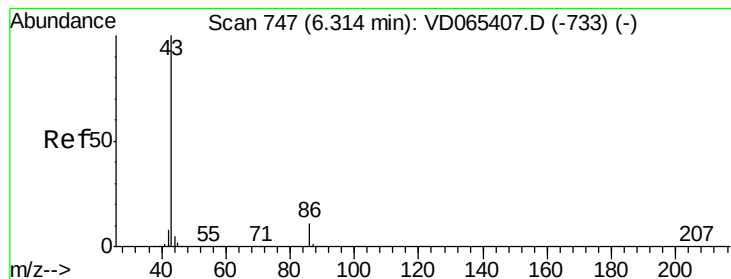
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 102.458 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

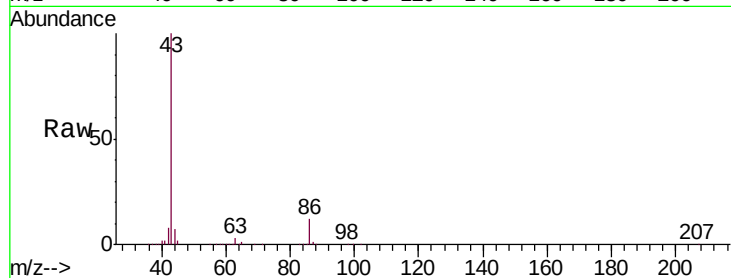
VD0316SBS01

Tgt Ion: 43 Resp: 709485

Ion Ratio Lower Upper

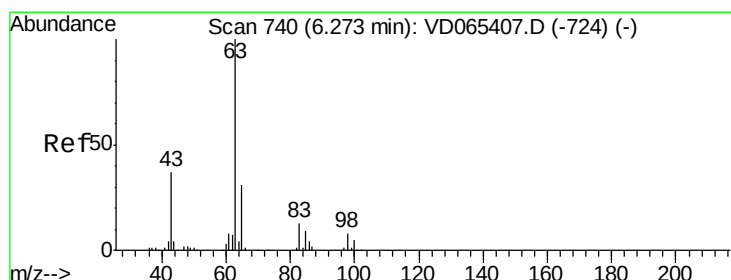
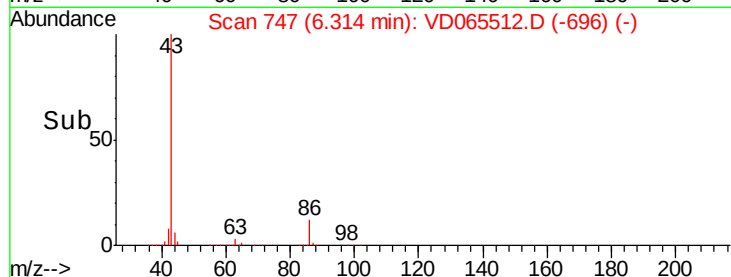
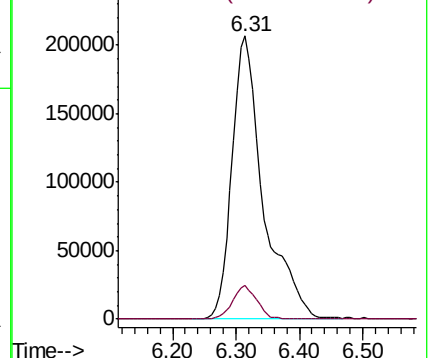
43 100

86 11.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.019 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

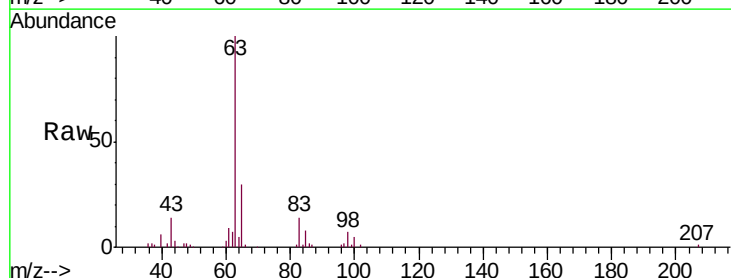
Tgt Ion: 63 Resp: 176132

Ion Ratio Lower Upper

63 100

98 7.2 4.2 12.6

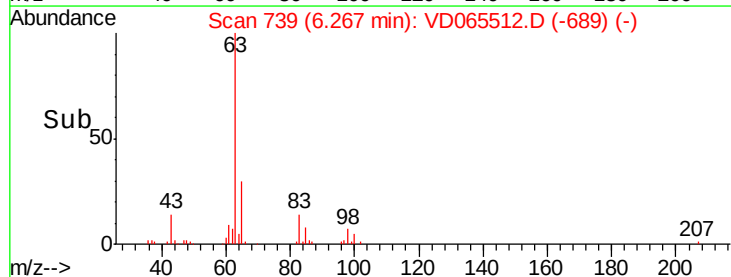
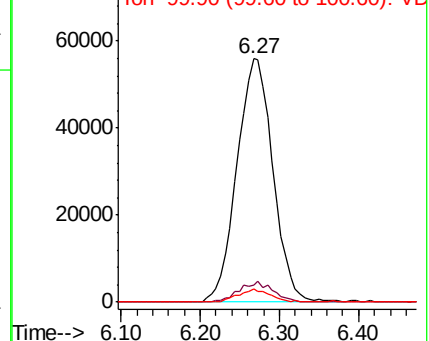
100 5.4 2.4 7.2

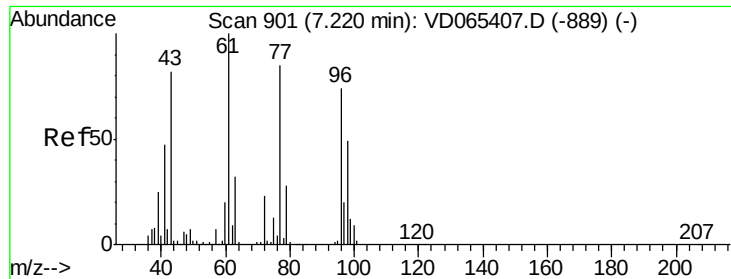


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

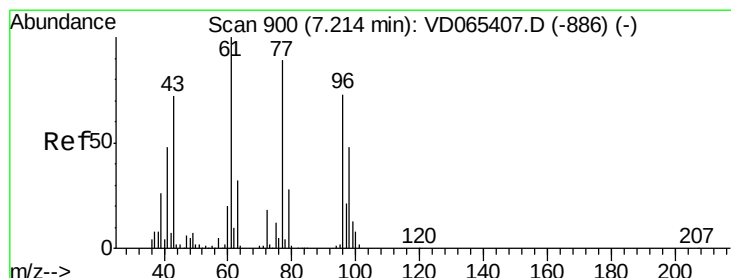
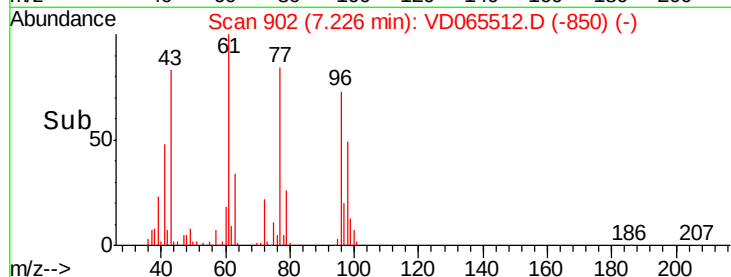
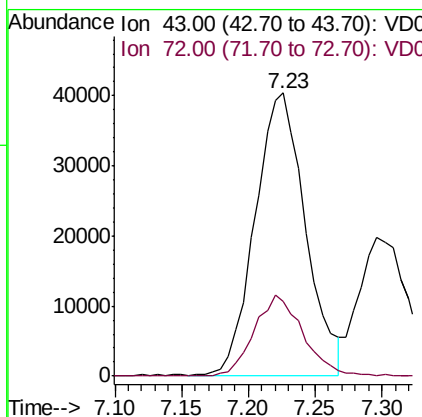
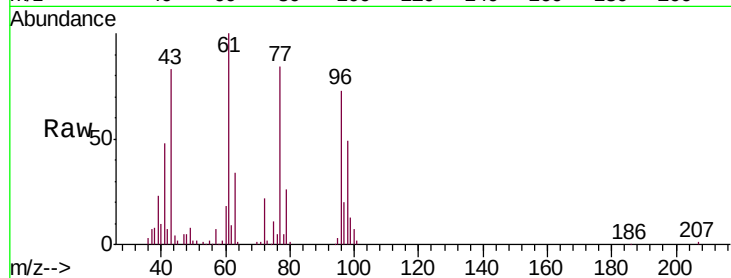




#25
2-Butanone
Concen: 95.469 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

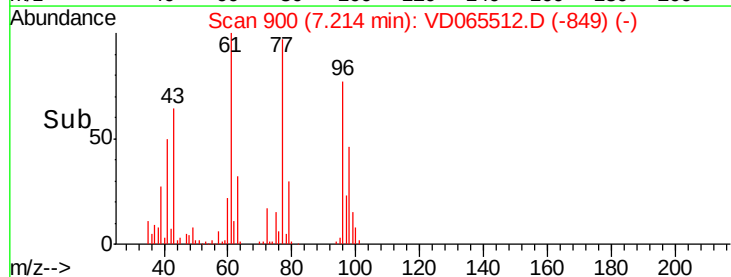
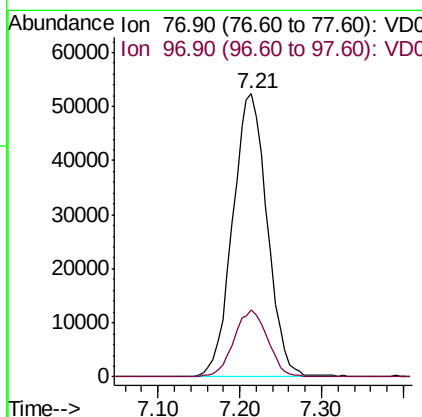
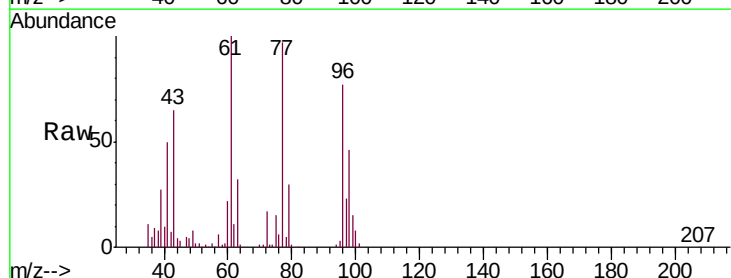
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

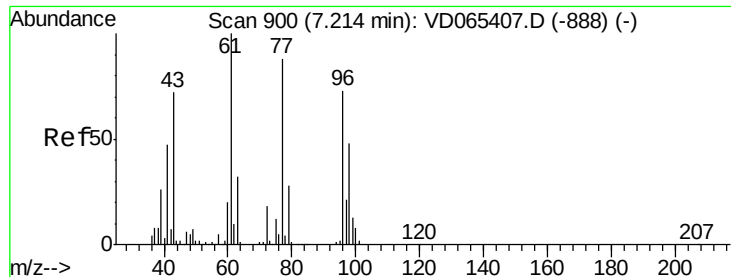
Tgt Ion: 43 Resp: 106133
Ion Ratio Lower Upper
43 100
72 26.2 22.3 33.5



#26
2,2-Dichloropropane
Concen: 22.028 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion: 77 Resp: 153984
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.4



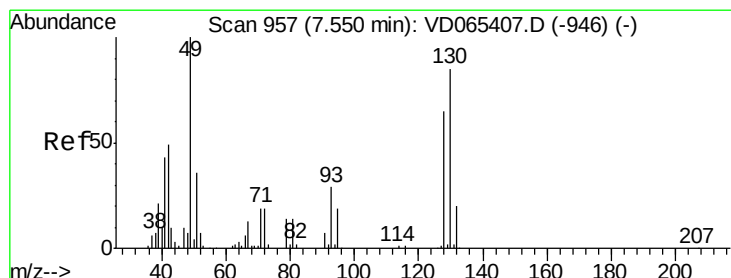
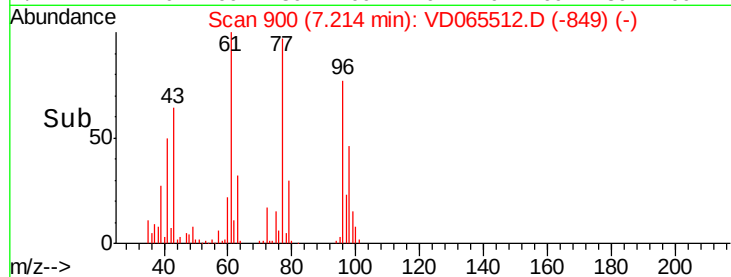
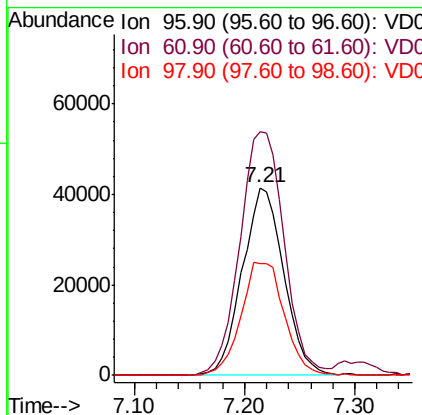
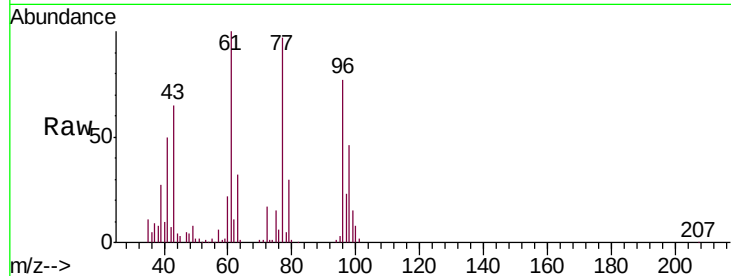


#27

cis-1,2-Dichloroethene
 Concen: 22.078 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBSD01

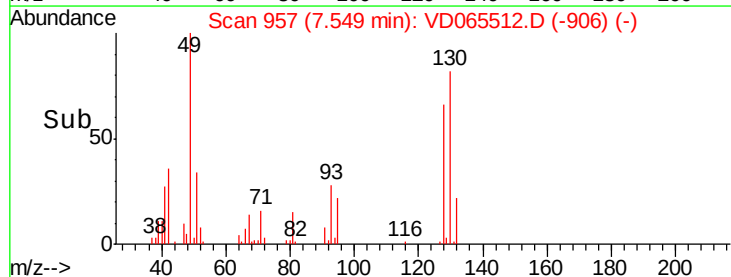
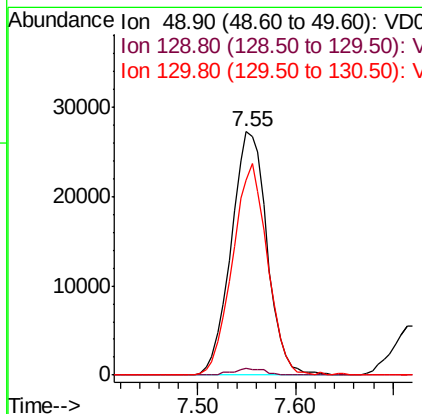
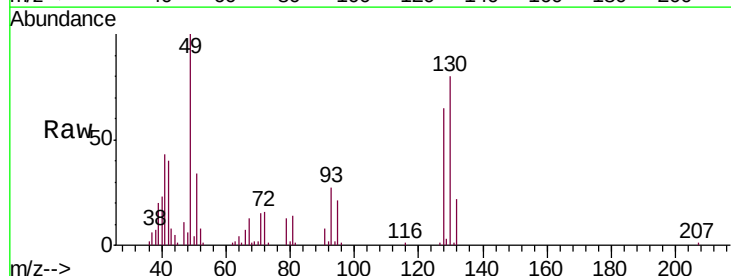
Tgt Ion: 96 Resp: 109634
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 280.4
 98 62.5 0.0 132.6

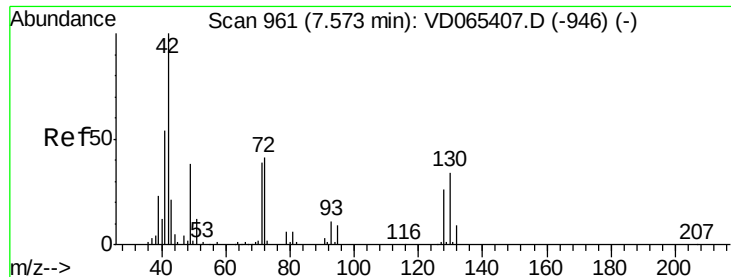


#28

Bromochloromethane
 Concen: 21.850 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion: 49 Resp: 69927
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 84.5 66.6 100.0

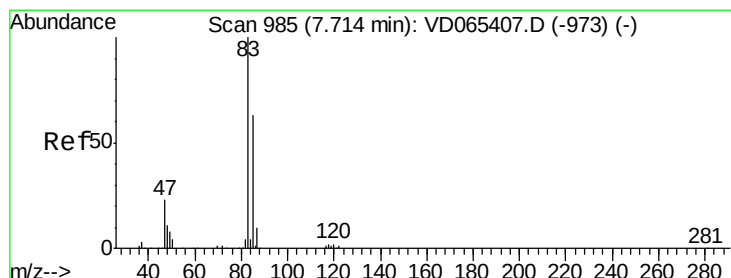
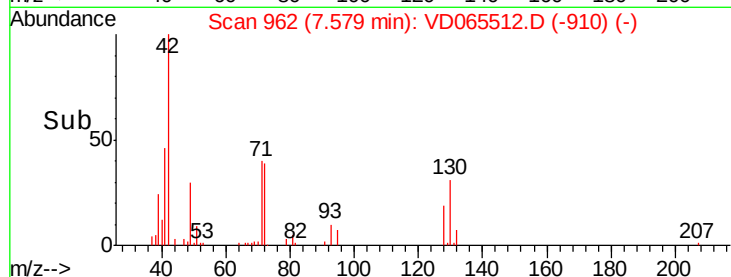
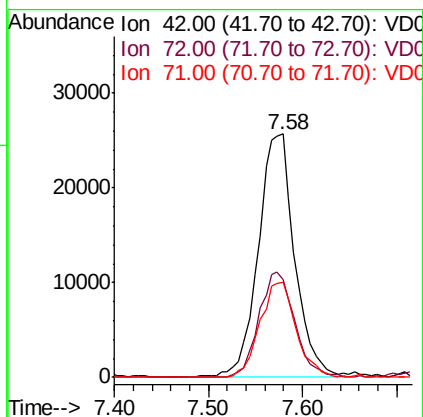
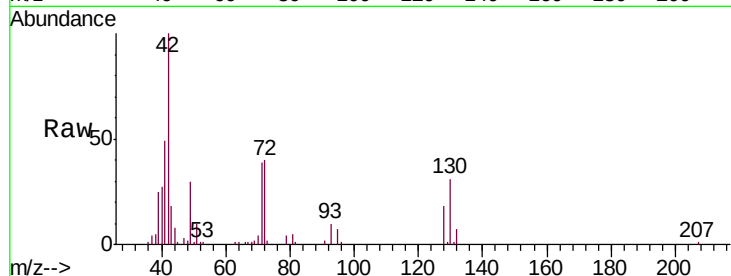




#29
Tetrahydrofuran
Concen: 96.888 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

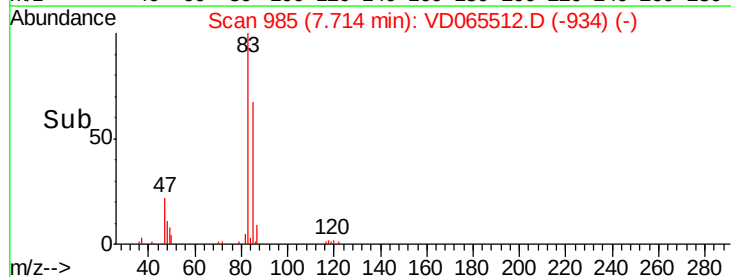
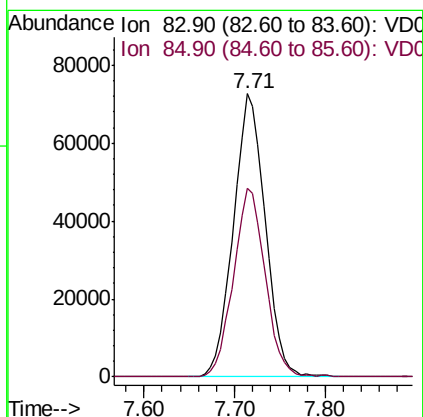
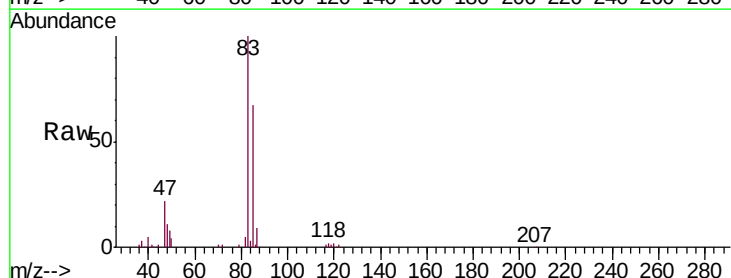
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

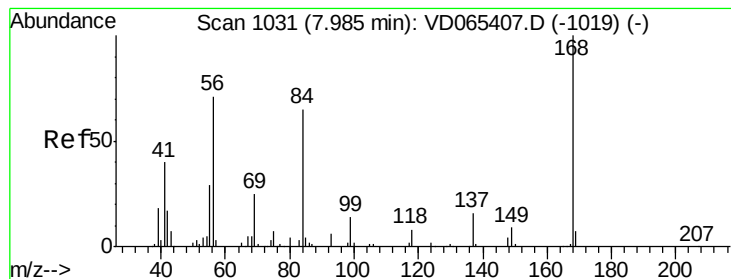
Tgt Ion: 42 Resp: 68785
Ion Ratio Lower Upper
42 100
72 42.4 33.0 49.6
71 38.9 32.0 48.0



#30
Chloroform
Concen: 22.154 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion: 83 Resp: 177127
Ion Ratio Lower Upper
83 100
85 66.6 50.3 75.5





#31

Cyclohexane

Concen: 20.131 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBSD01

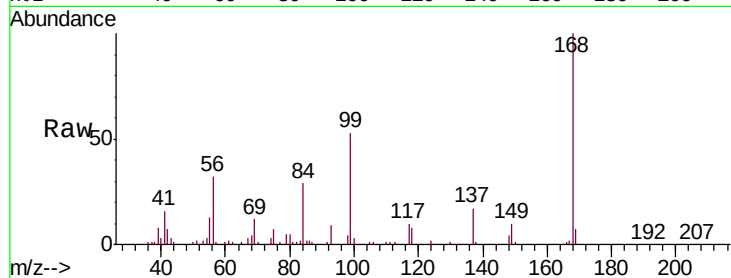
Tgt Ion: 56 Resp: 161021

Ion Ratio Lower Upper

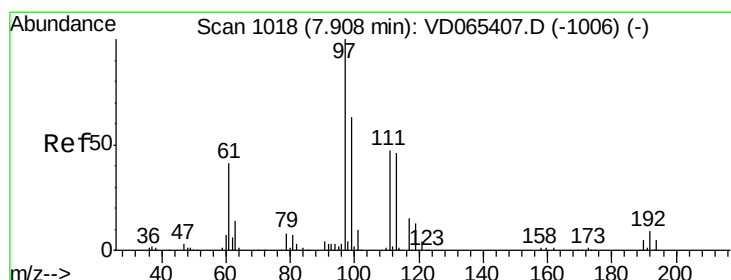
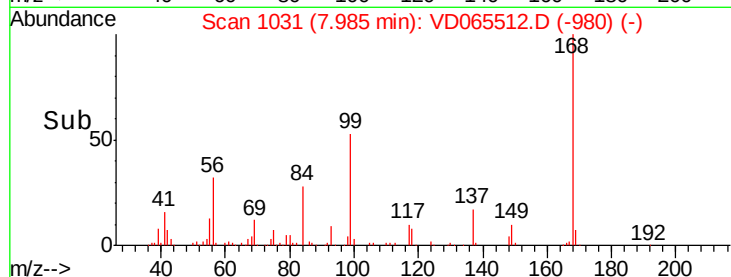
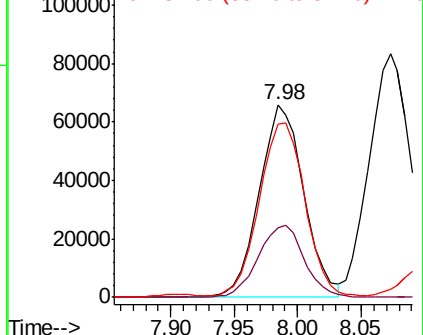
56 100

69 36.0 28.3 42.5

84 87.9 73.1 109.7



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 21.656 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

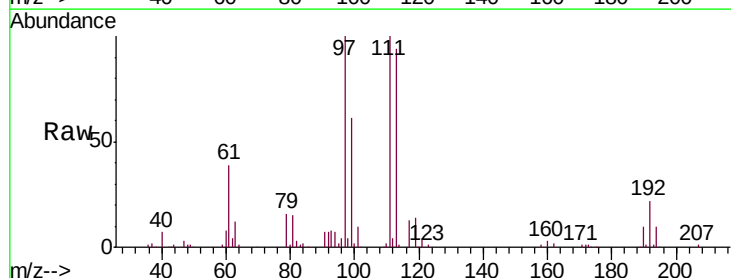
Tgt Ion: 97 Resp: 160006

Ion Ratio Lower Upper

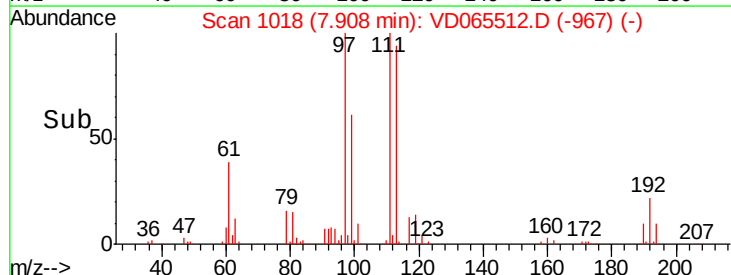
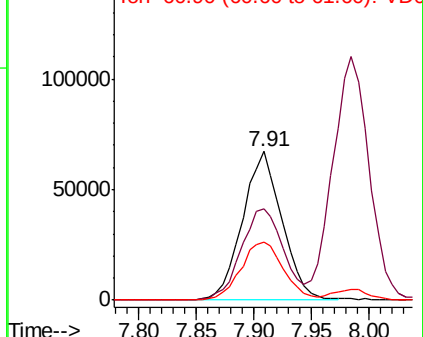
97 100

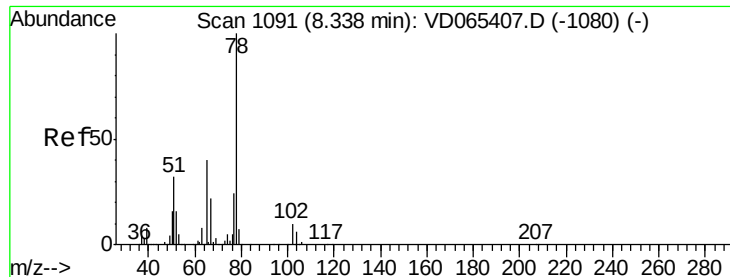
99 65.5 50.9 76.3

61 42.2 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

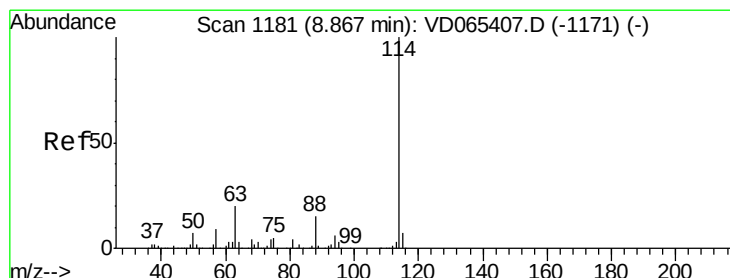
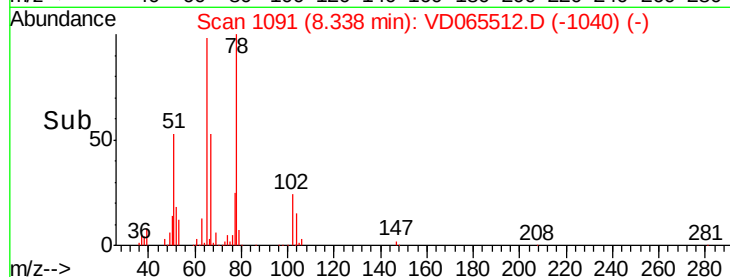
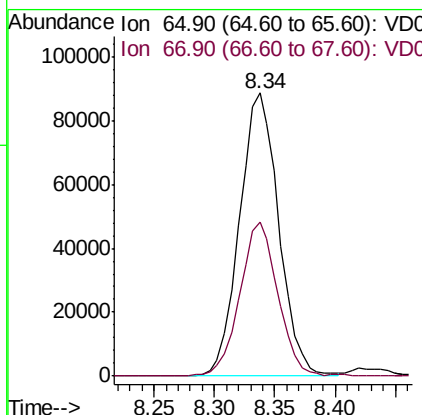
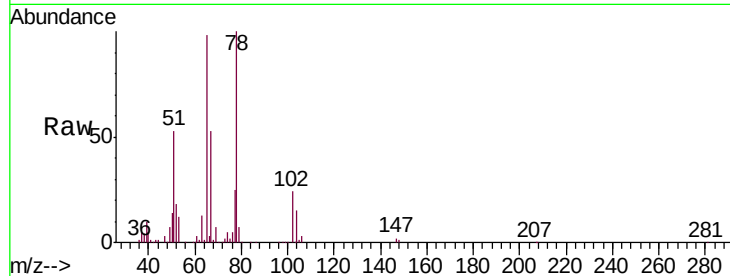




#33
 1,2-Dichloroethane-d4
 Concen: 49.803 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

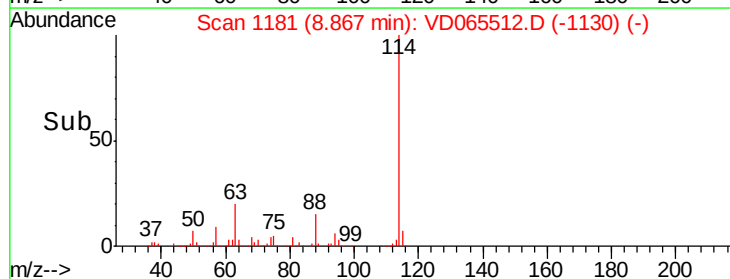
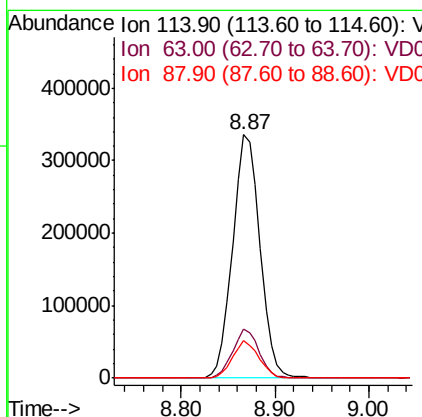
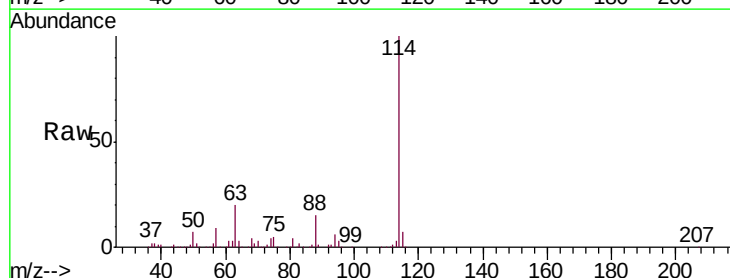
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBSD01

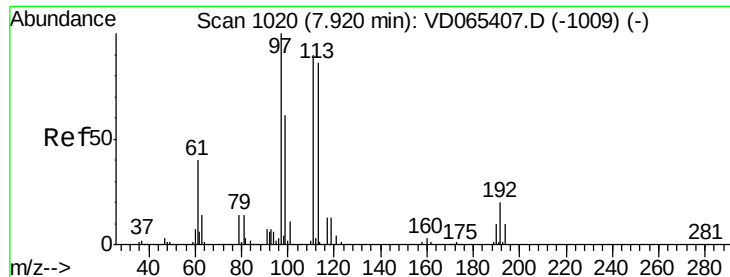
Tgt Ion: 65 Resp: 200612
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion: 114 Resp: 680789
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.5 0.0 30.4

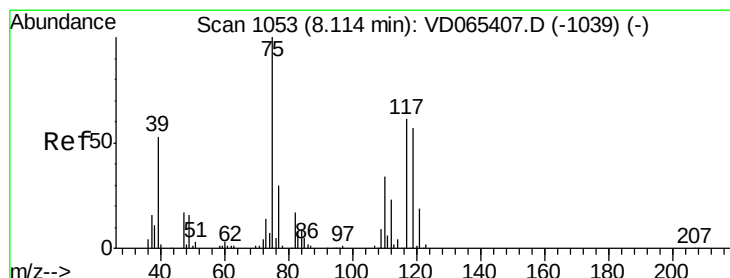
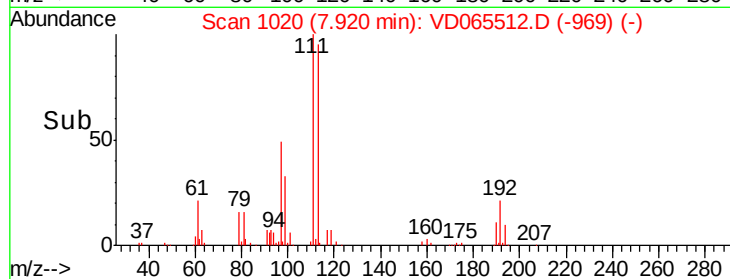
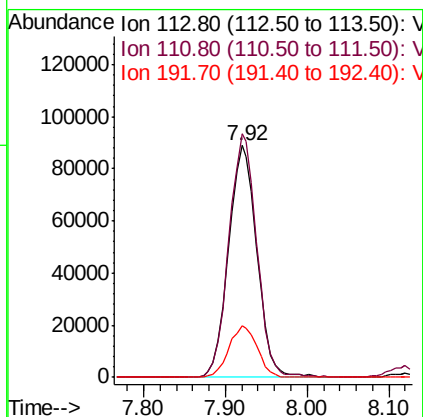
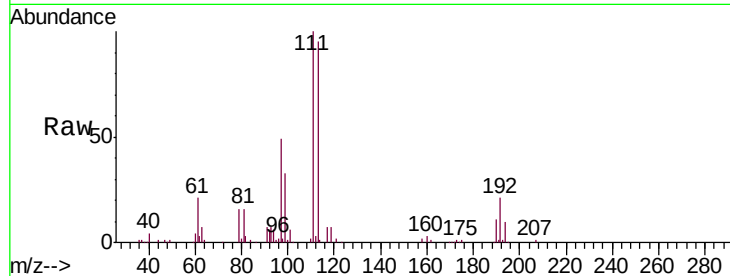




#35
 Dibromofluoromethane
 Concen: 50.978 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

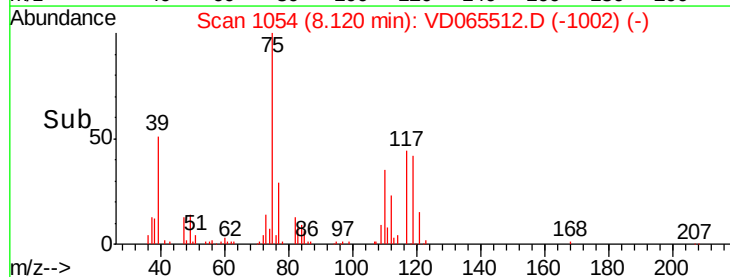
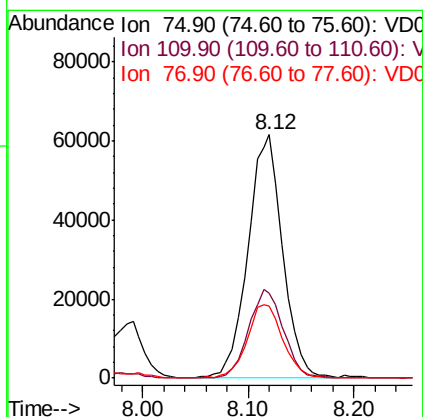
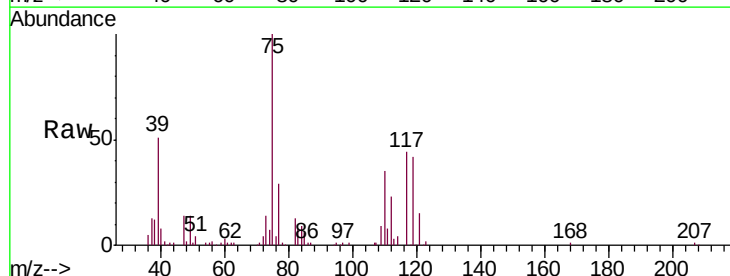
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBSD01

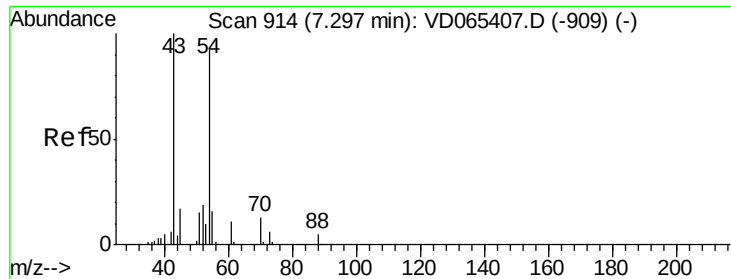
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.1	123.1
192	22.4	17.2	25.8



#36
 1,1-Dichloropropene
 Concen: 21.255 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.1	54.1
77	31.7	25.2	37.8

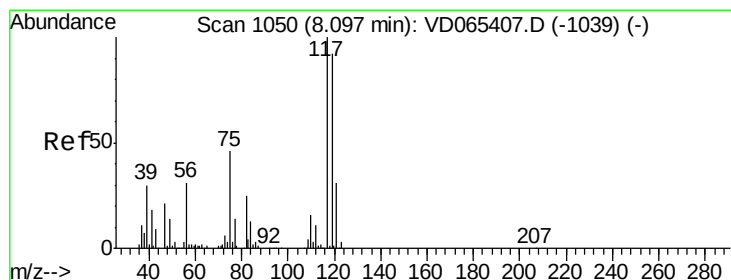
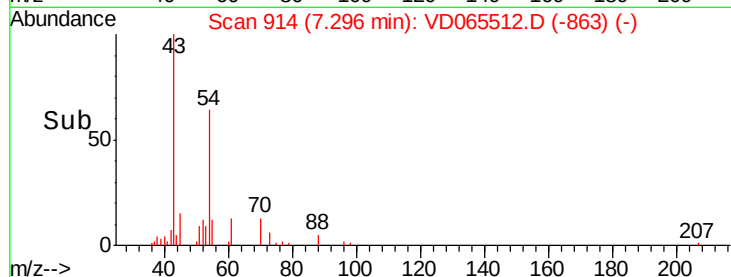
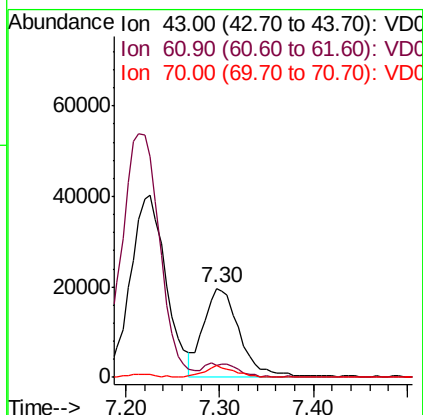
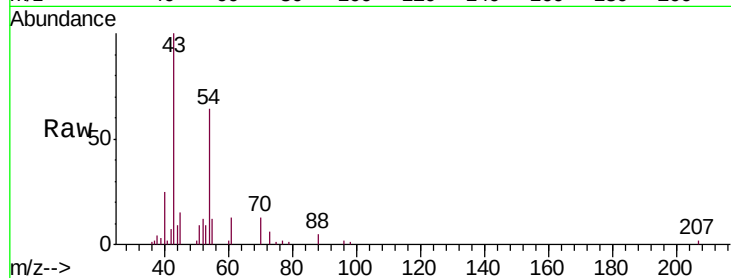




#37
Ethyl Acetate
Concen: 20.668 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

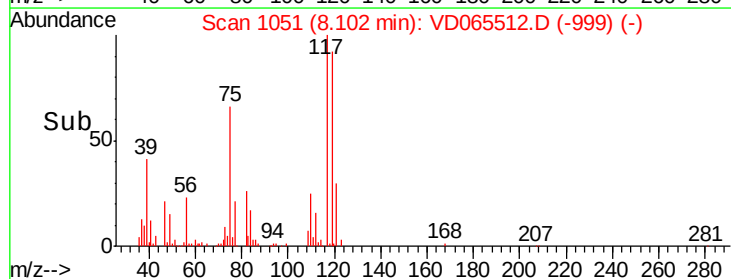
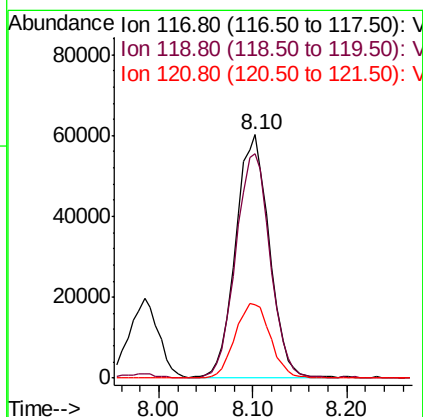
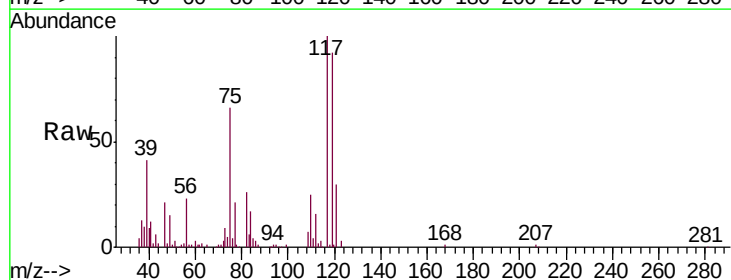
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

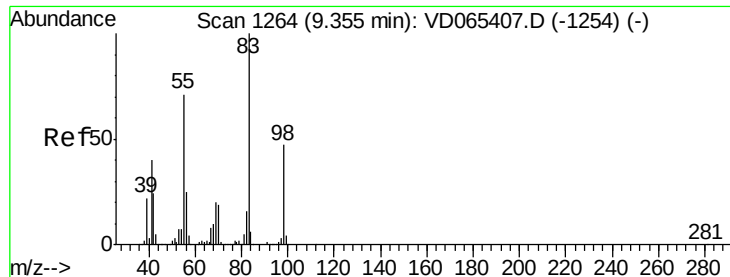
Tgt Ion: 43 Resp: 52132
Ion Ratio Lower Upper
43 100
61 15.4 11.4 17.0
70 10.7 9.0 13.4



#38
Carbon Tetrachloride
Concen: 21.958 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion: 117 Resp: 148591
Ion Ratio Lower Upper
117 100
119 92.5 73.3 109.9
121 30.0 25.0 37.4

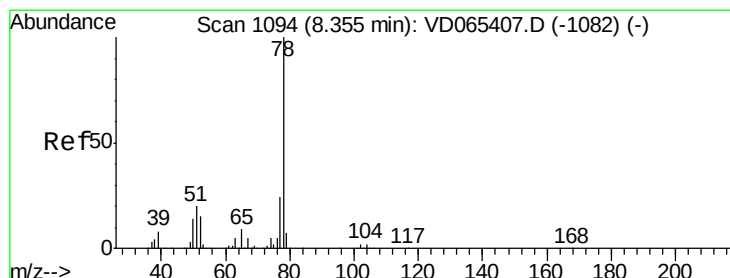
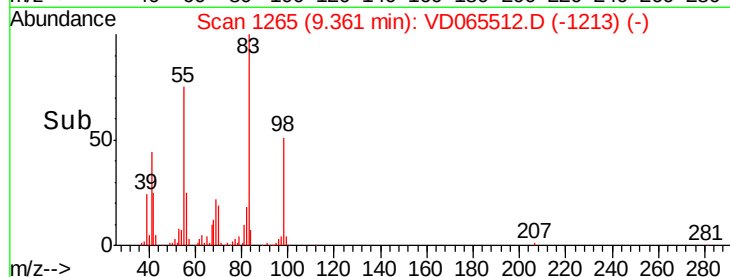
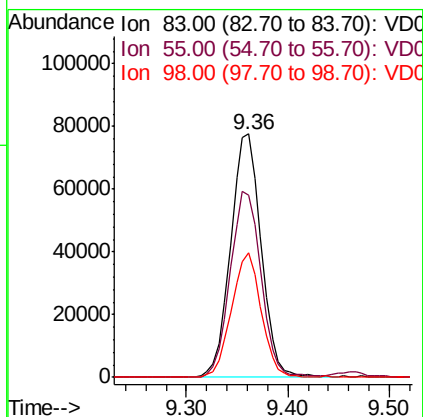
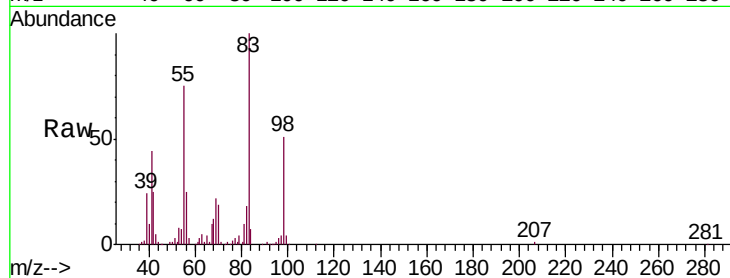




#39
Methylcyclohexane
Concen: 20.555 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

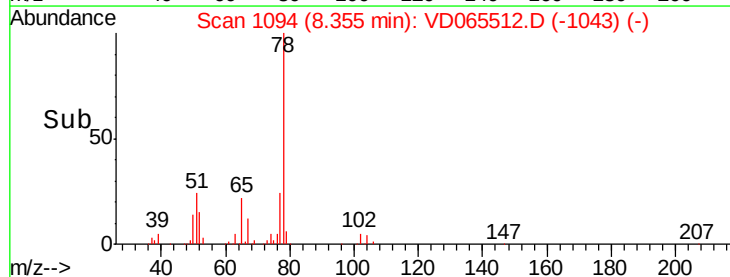
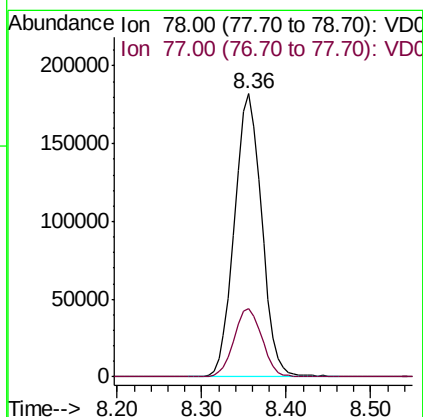
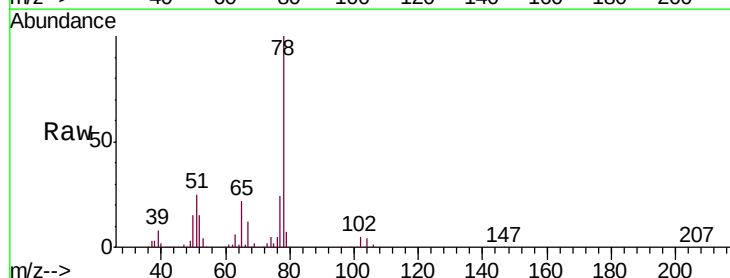
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

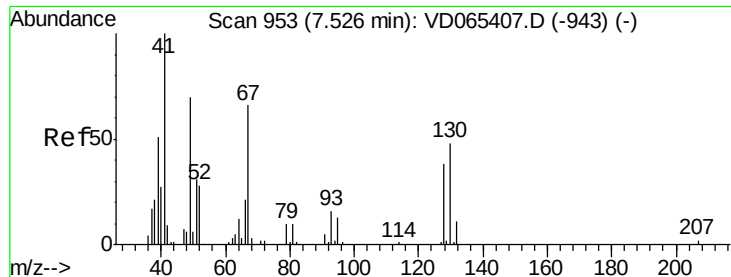
Tgt Ion: 83 Resp: 162006
Ion Ratio Lower Upper
83 100
55 74.9 57.1 85.7
98 50.9 37.8 56.8



#40
Benzene
Concen: 22.215 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion: 78 Resp: 405331
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

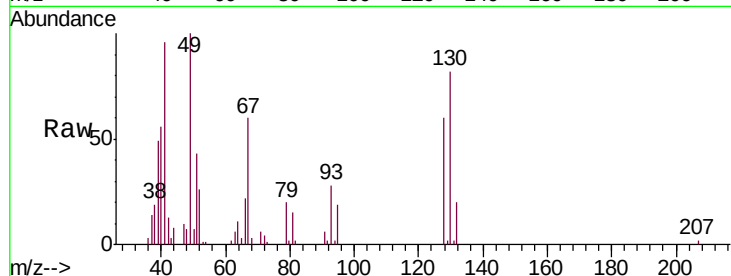




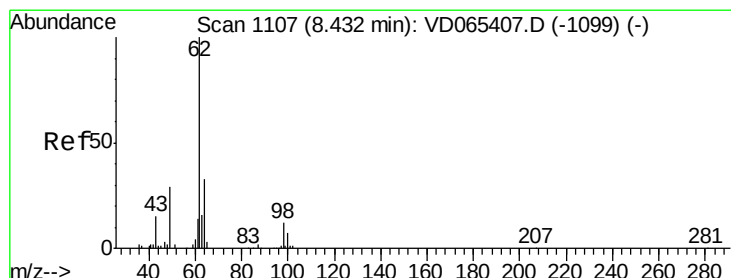
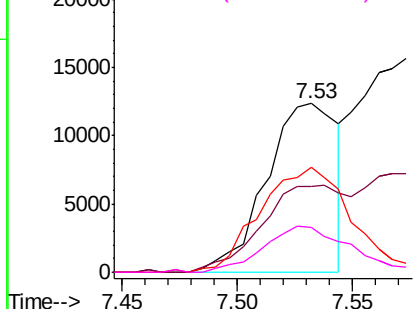
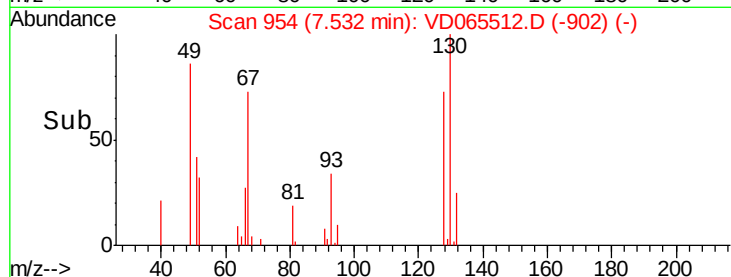
#41
Methacrylonitrile
Concen: 19.814 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

Tgt Ion:	41	Resp:	26431
Ion	Ratio	Lower	Upper
41	100		
39	62.8	55.0	82.6
67	80.2	70.3	105.5
52	34.4	30.7	46.1

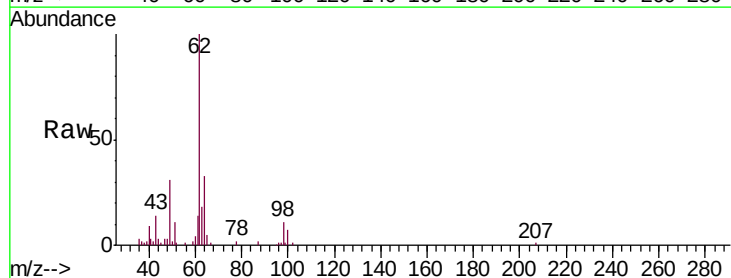


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

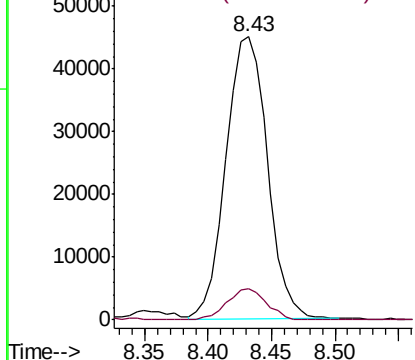
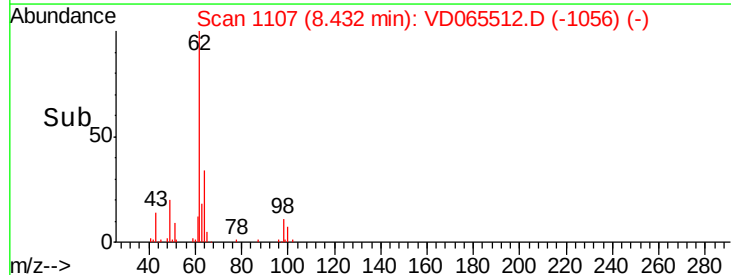


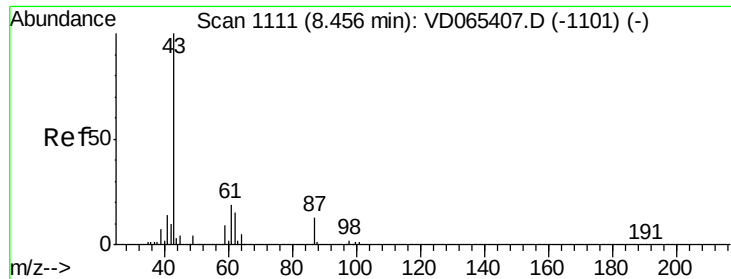
#42
1,2-Dichloroethane
Concen: 21.444 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion:	62	Resp:	102169
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC

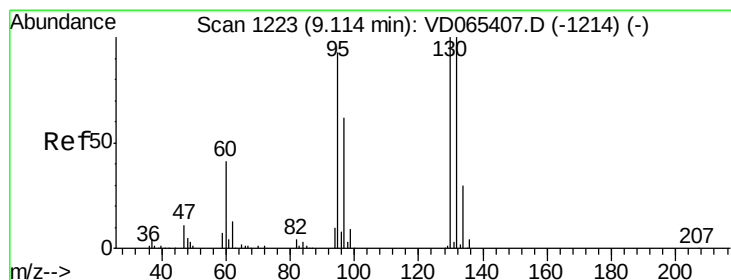
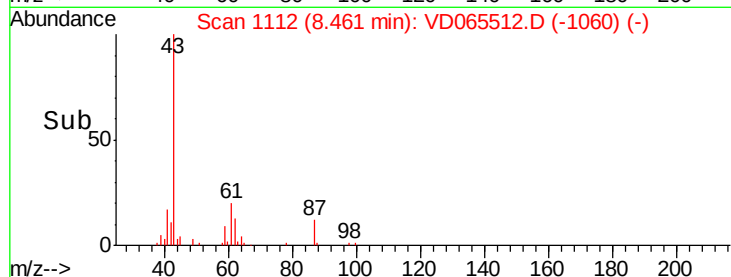
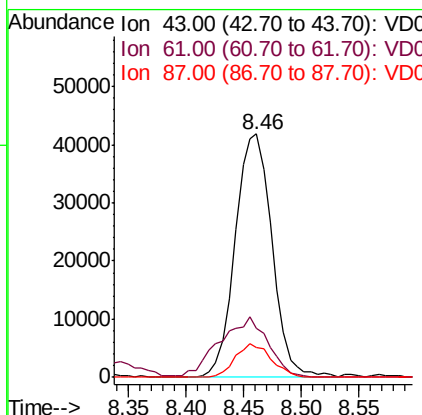
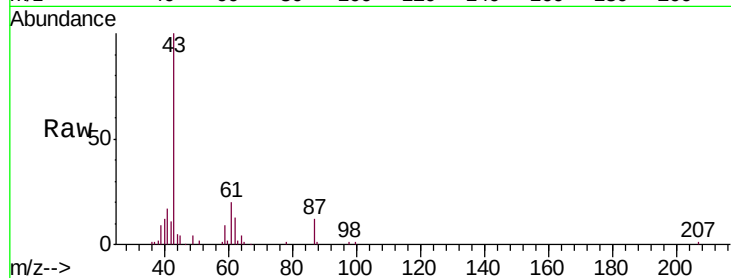




#43
Isopropyl Acetate
Concen: 19.868 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

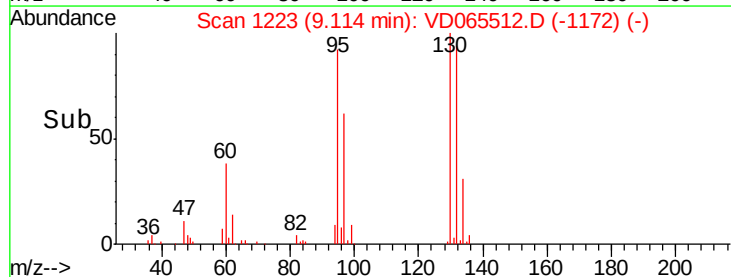
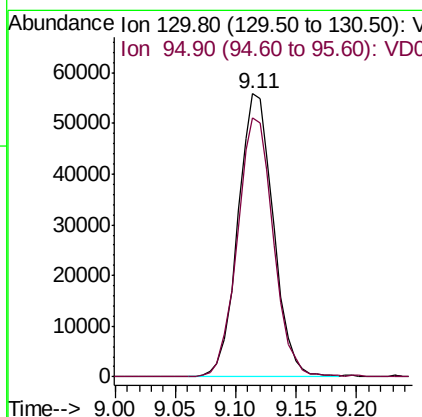
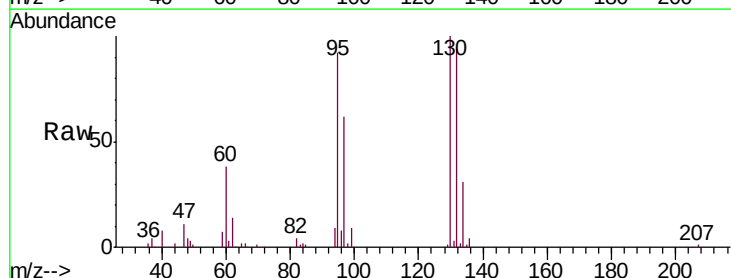
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

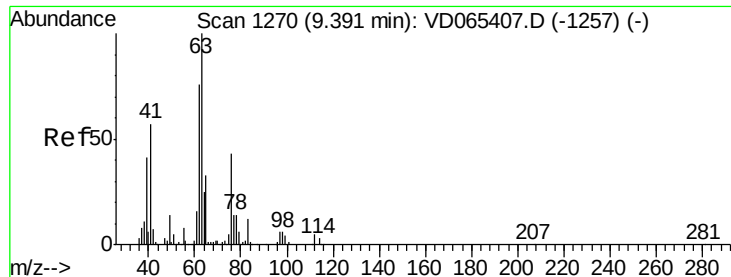
Tgt Ion: 43 Resp: 92533
Ion Ratio Lower Upper
43 100
61 33.1 25.0 37.6
87 13.4 11.0 16.4



#44
Trichloroethene
Concen: 22.124 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion: 130 Resp: 114001
Ion Ratio Lower Upper
130 100
95 91.6 0.0 186.0

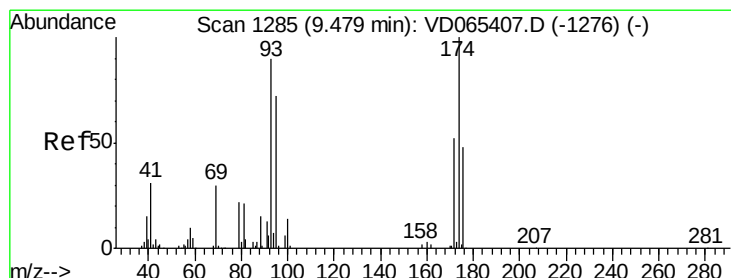
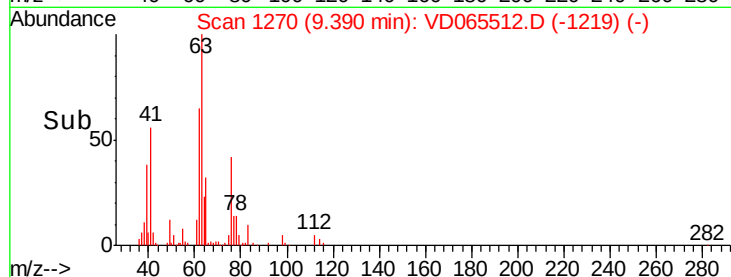
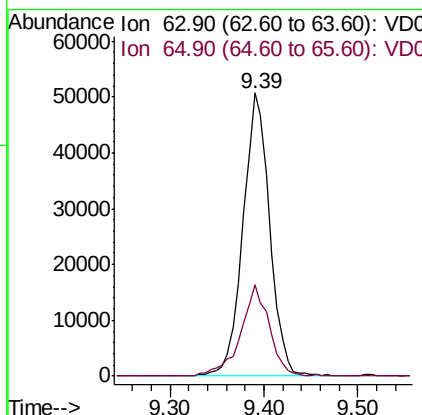
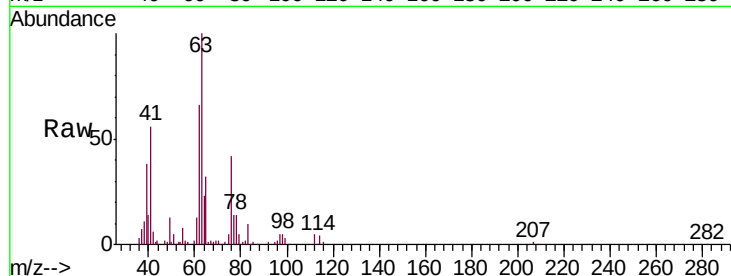




#45
 1,2-Dichloropropane
 Concen: 22.600 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

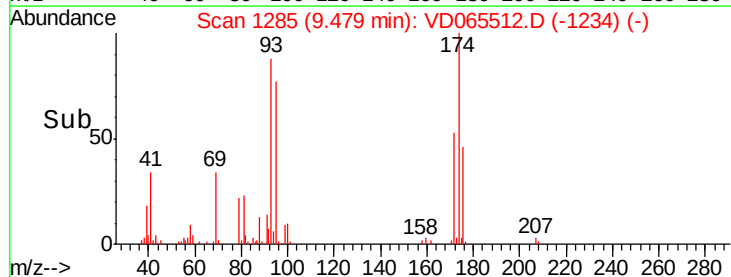
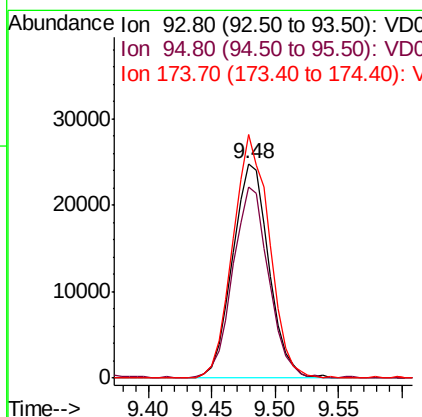
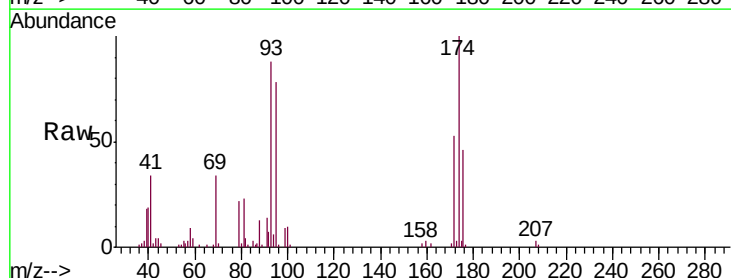
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

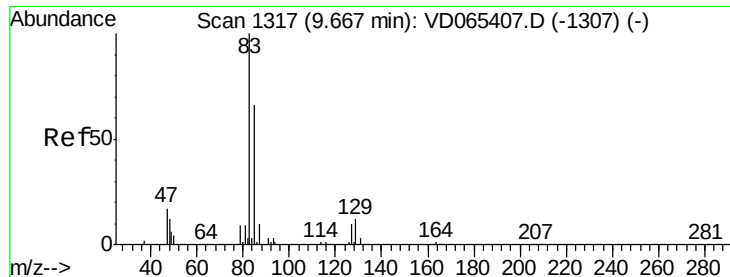
Tgt Ion: 63 Resp: 99888
 Ion Ratio Lower Upper
 63 100
 65 32.1 26.4 39.6



#46
 Dibromomethane
 Concen: 21.438 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion: 93 Resp: 49147
 Ion Ratio Lower Upper
 93 100
 95 88.2 65.0 97.6
 174 114.4 88.3 132.5





#47

Bromodichloromethane

Concen: 22.220 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBSD01

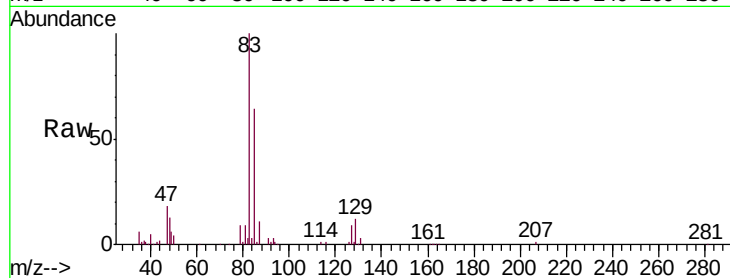
Tgt Ion: 83 Resp: 132526

Ion Ratio Lower Upper

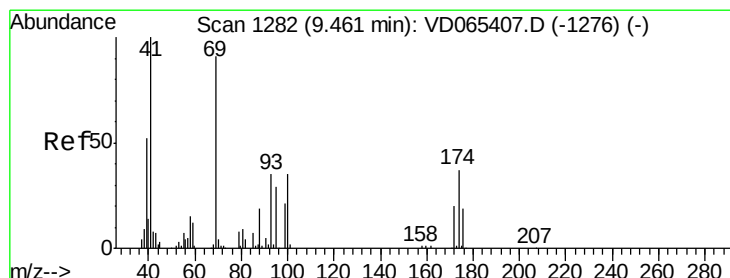
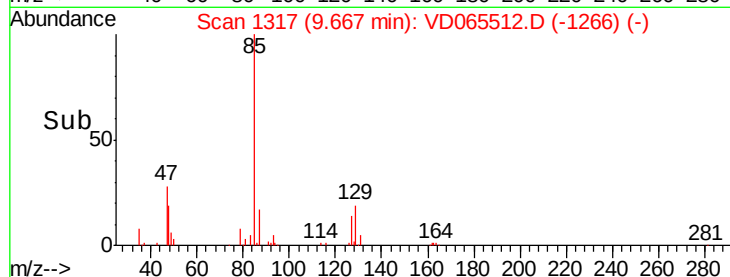
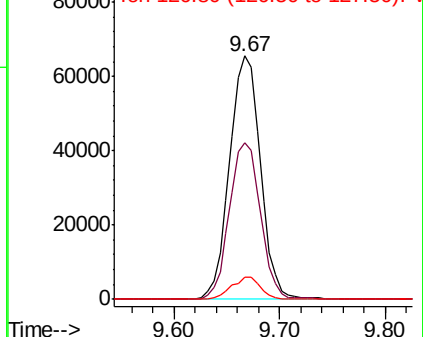
83 100

85 64.3 52.8 79.2

127 8.9 8.0 12.0



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



#48

Methyl methacrylate

Concen: 19.652 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

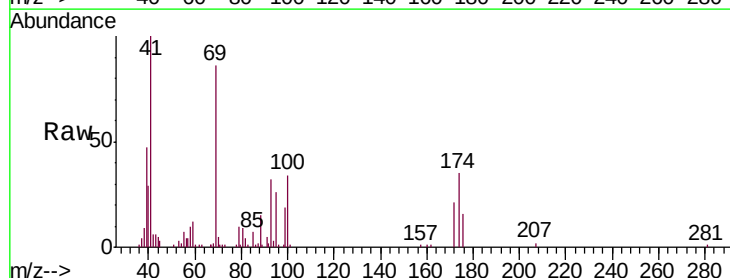
Tgt Ion: 41 Resp: 43052

Ion Ratio Lower Upper

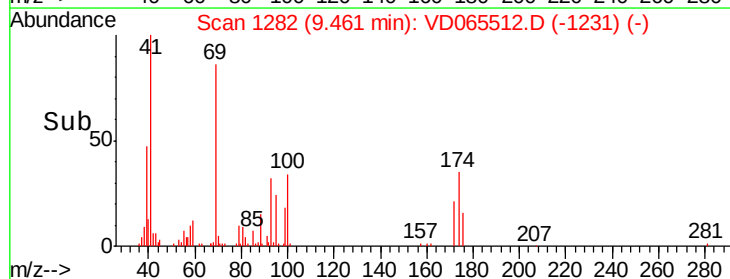
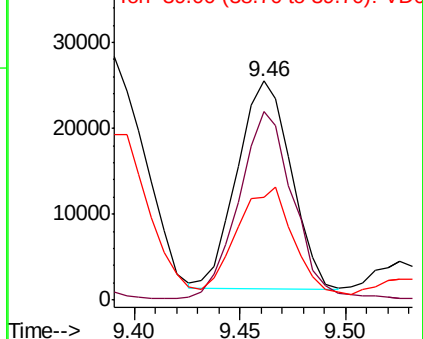
41 100

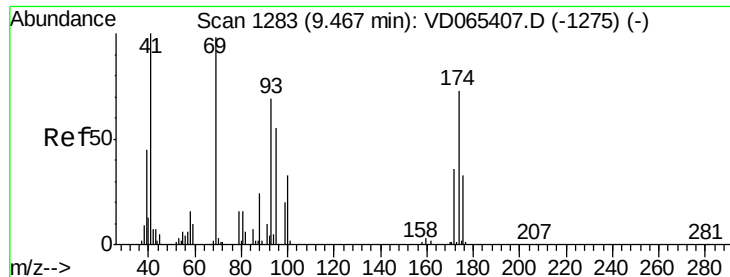
69 91.0 72.5 108.7

39 53.0 41.6 62.4



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





#49

1,4-Dioxane

Concen: 401.398 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBSD01

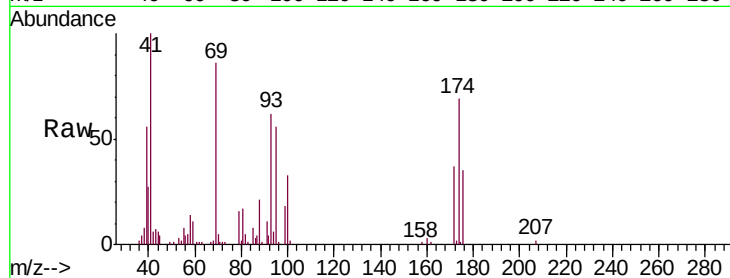
Tgt Ion: 88 Resp: 10526

Ion Ratio Lower Upper

88 100

43 37.8 24.5 36.7#

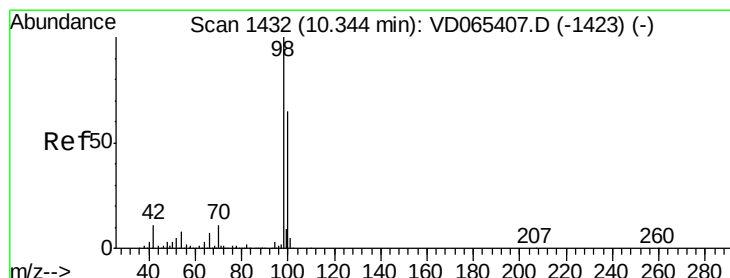
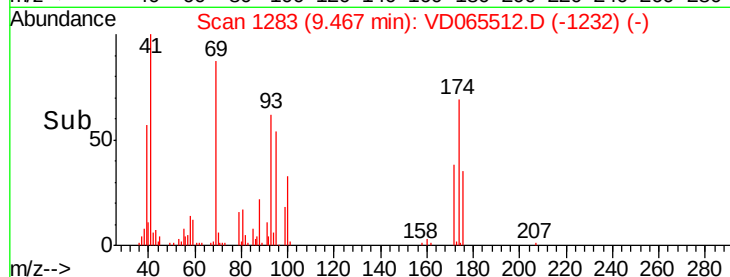
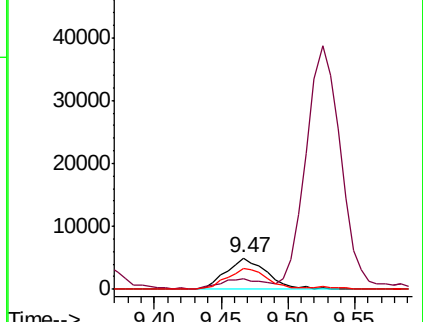
58 65.6 54.5 81.7



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.189 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065512.D

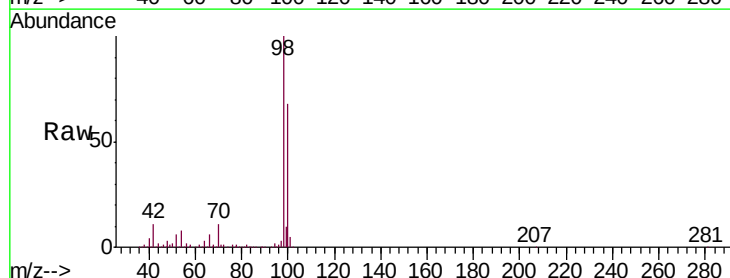
Acq: 16 Mar 2020 14:48

Tgt Ion: 98 Resp: 826762

Ion Ratio Lower Upper

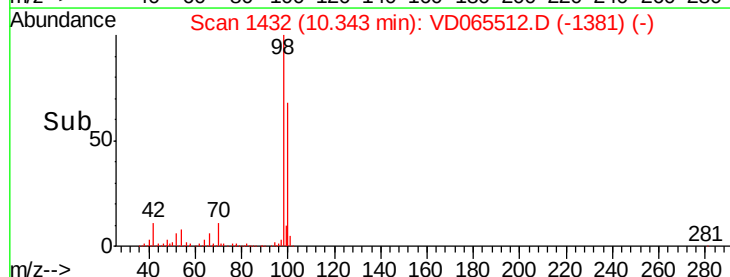
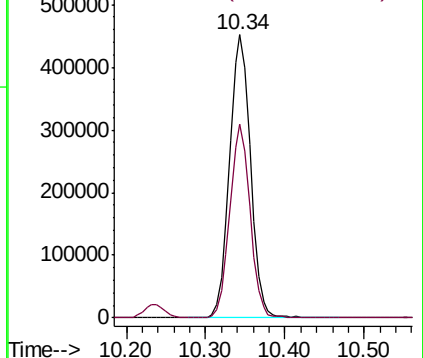
98 100

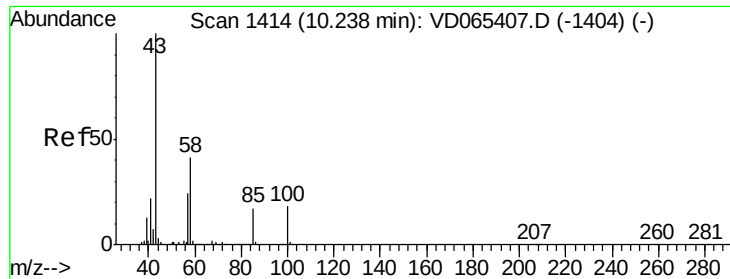
100 66.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

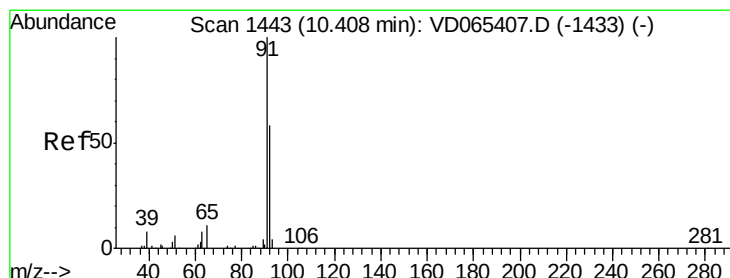
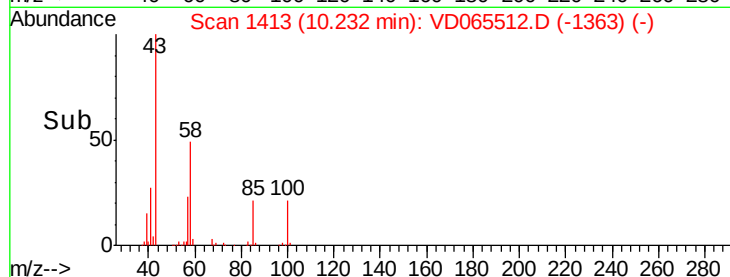
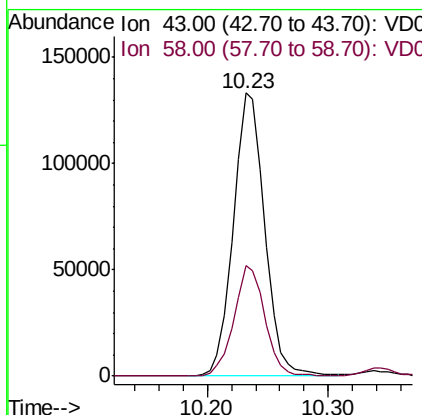
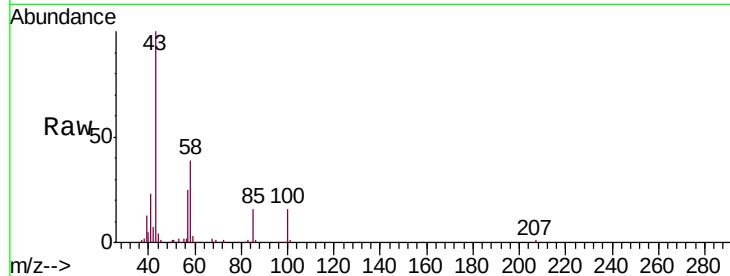




#51
 4-Methyl-2-Pentanone
 Concen: 103.130 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

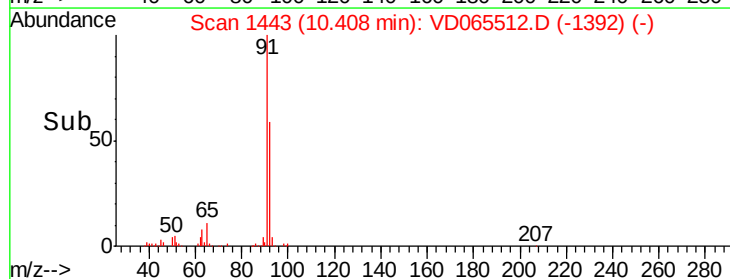
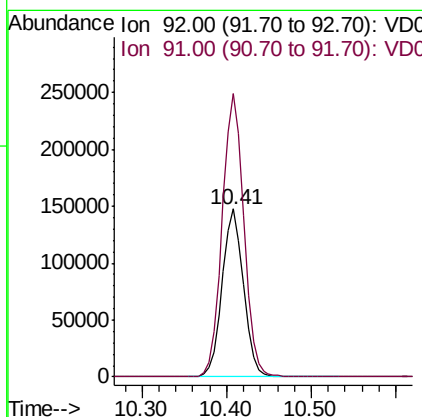
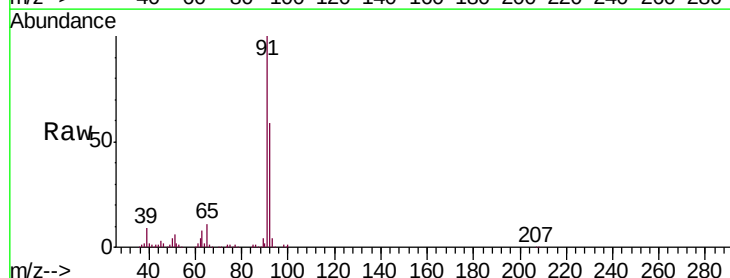
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

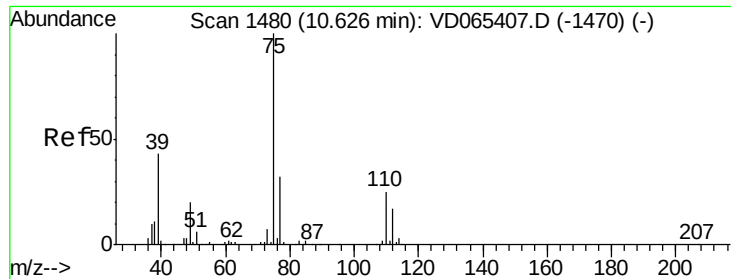
Tgt Ion: 43 Resp: 241701
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.8 47.6



#52
 Toluene
 Concen: 22.578 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion: 92 Resp: 259517
 Ion Ratio Lower Upper
 92 100
 91 170.7 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 21.667 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

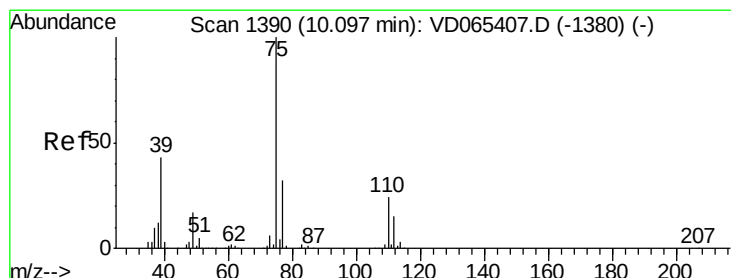
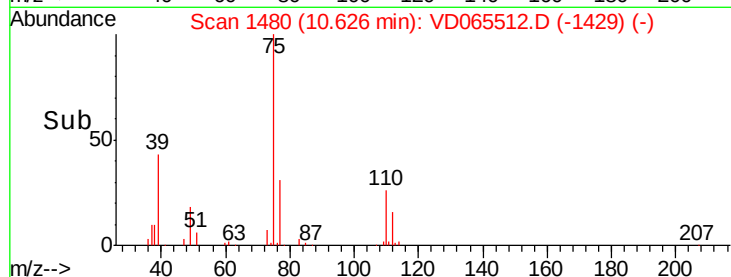
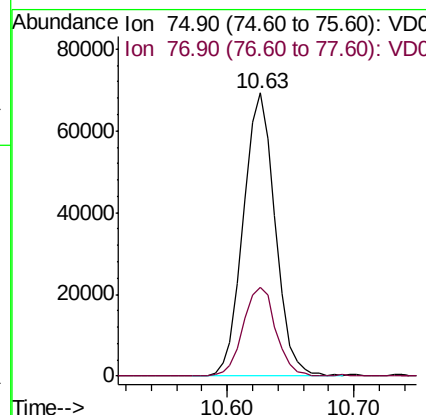
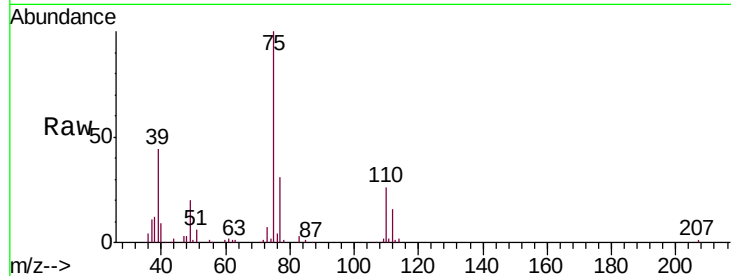
VD0316SBSD01

Tgt Ion: 75 Resp: 120765

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.954 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

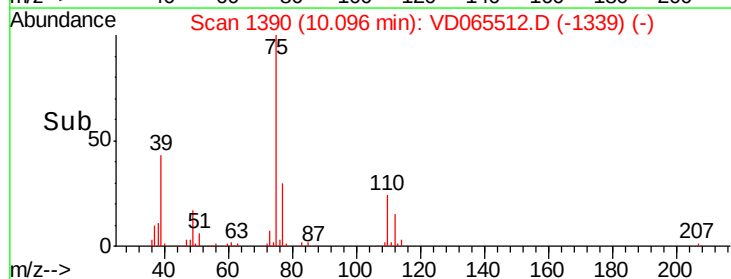
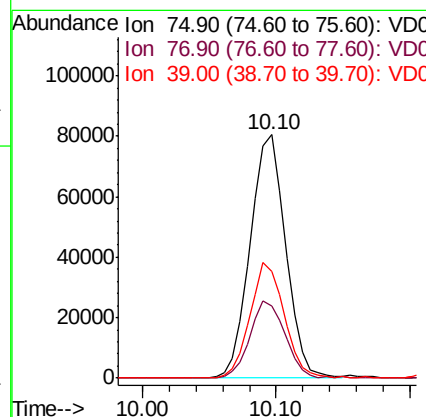
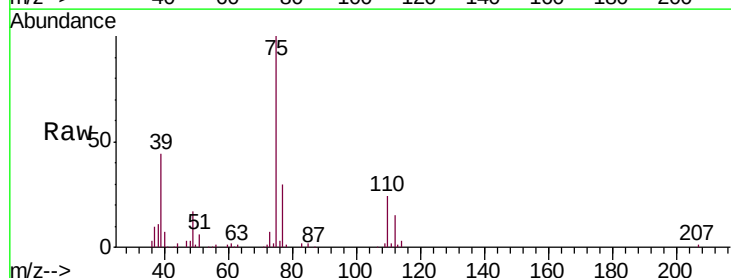
Tgt Ion: 75 Resp: 148109

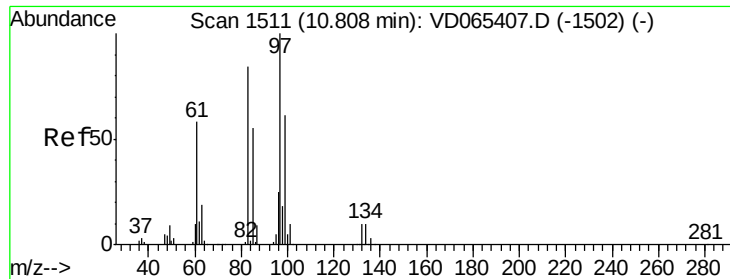
Ion Ratio Lower Upper

75 100

77 29.7 25.3 37.9

39 43.7 34.6 52.0

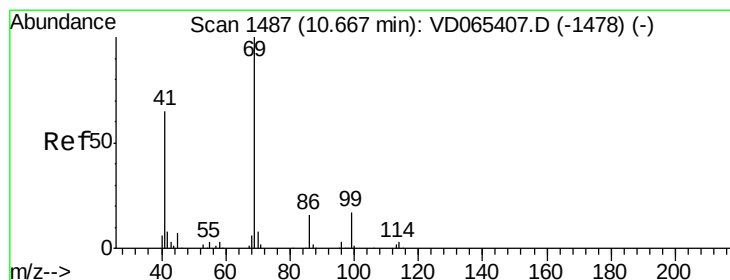
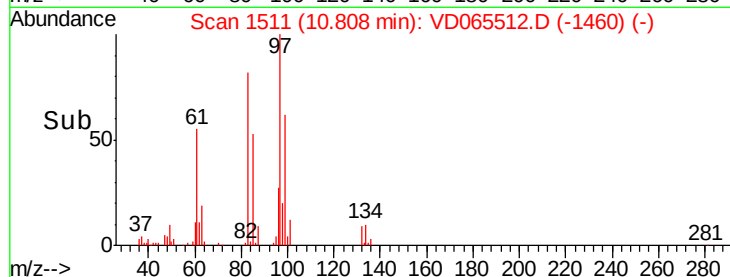
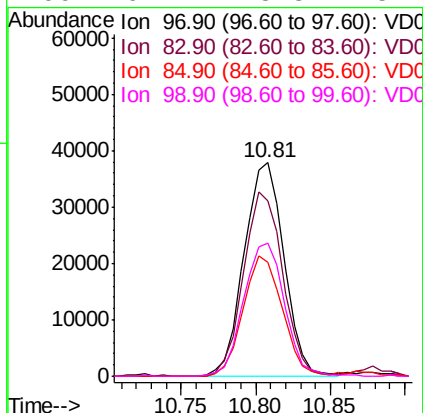
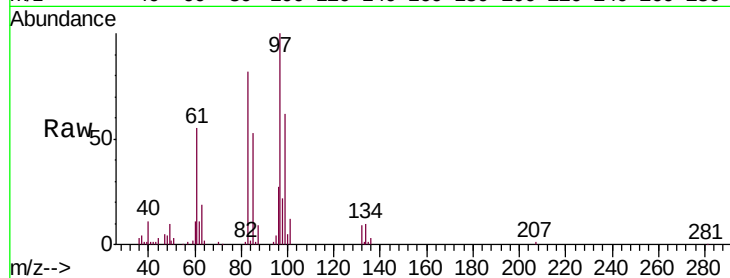




#55
 1,1,2-Trichloroethane
 Concen: 21.565 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

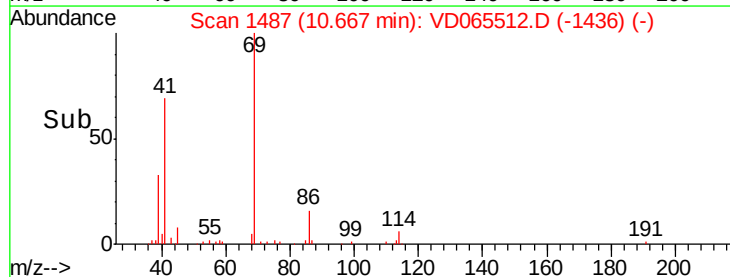
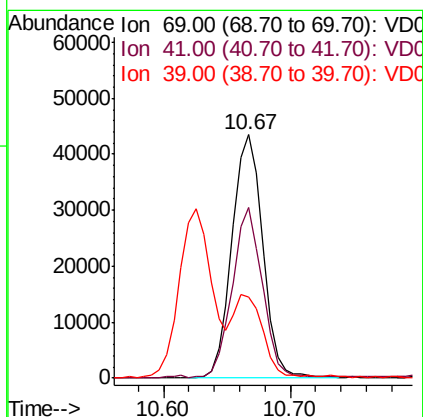
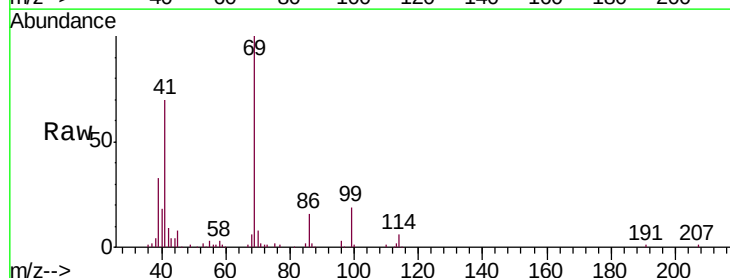
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBSD01

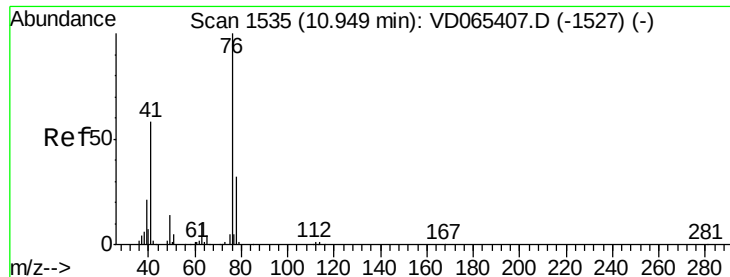
Tgt Ion:	97	Resp:	70022
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.4	101.0
85	53.3	43.8	65.8
99	62.2	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 20.007 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion:	69	Resp:	73237
Ion	Ratio	Lower	Upper
69	100		
41	67.3	53.0	79.6
39	31.7	26.0	39.0





#57

1,3-Dichloropropane

Concen: 22.093 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

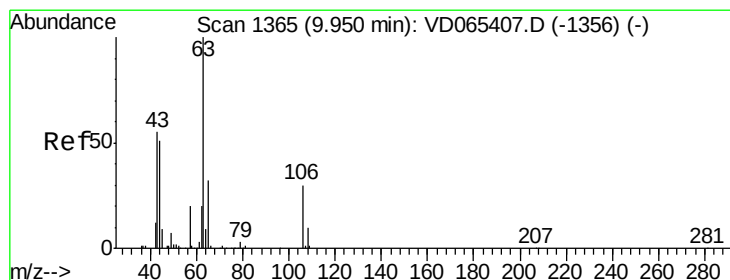
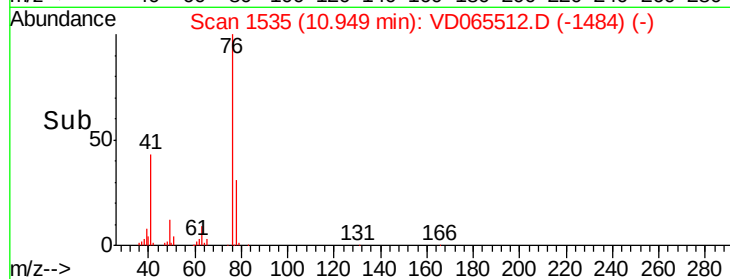
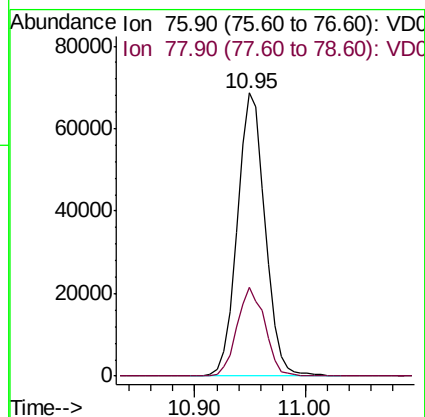
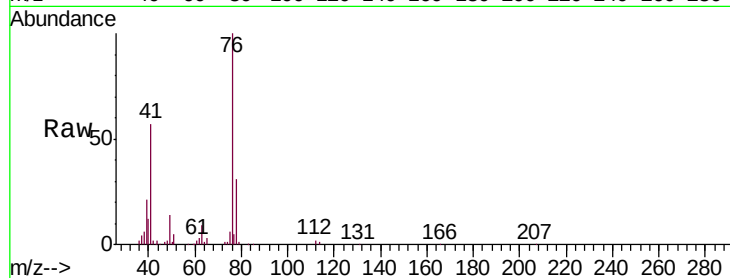
VD0316SBS01

Tgt Ion: 76 Resp: 121379

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 100.132 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065512.D

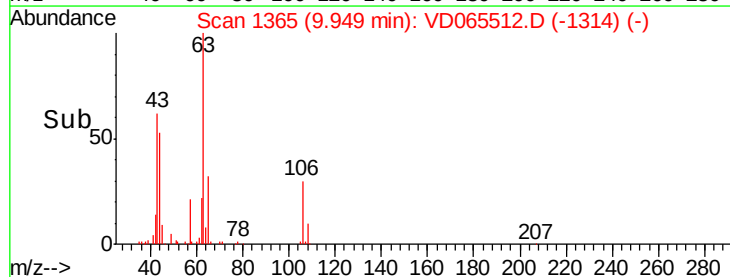
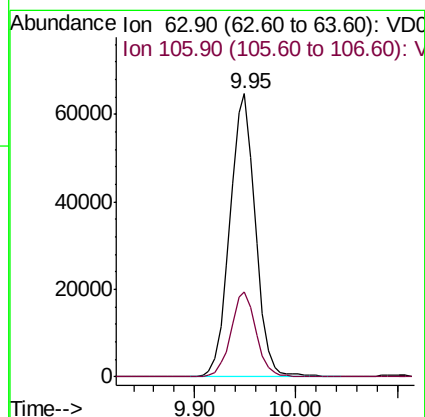
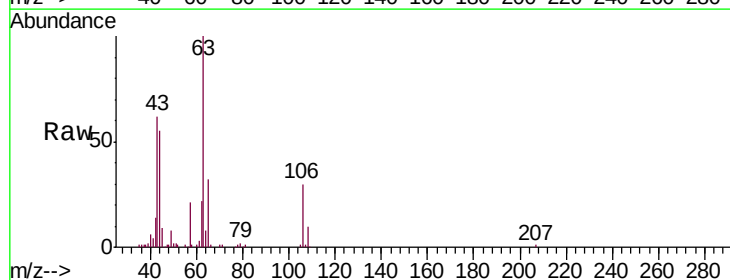
Acq: 16 Mar 2020 14:48

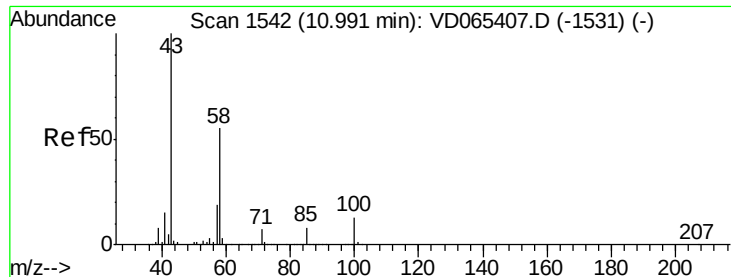
Tgt Ion: 63 Resp: 113049

Ion Ratio Lower Upper

63 100

106 29.4 23.3 34.9

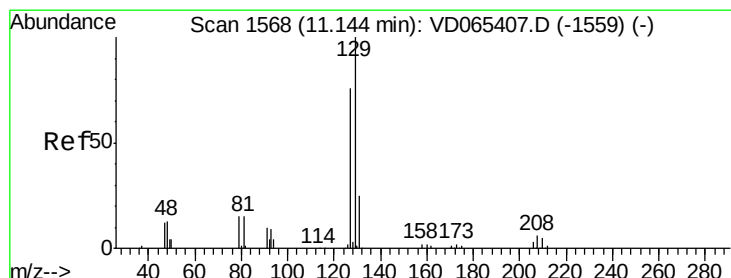
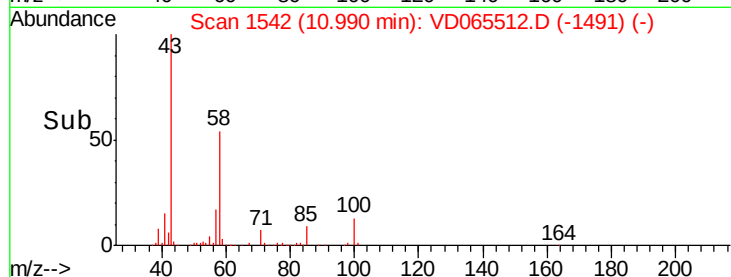
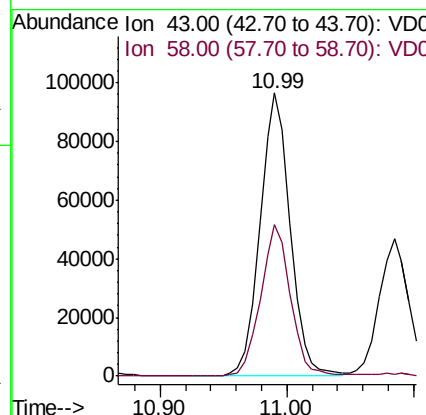
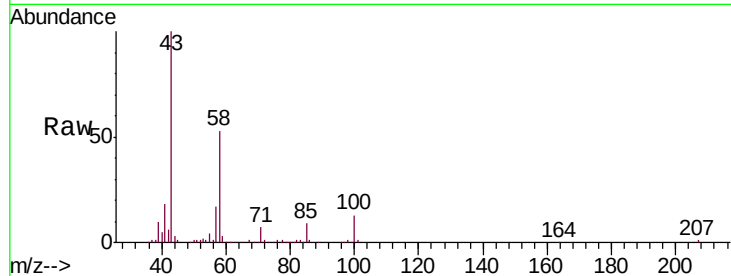




#59
2-Hexanone
Concen: 98.411 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

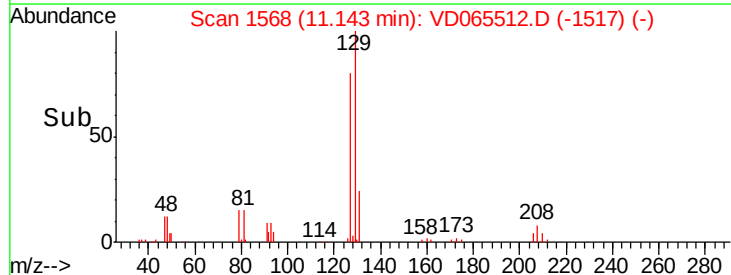
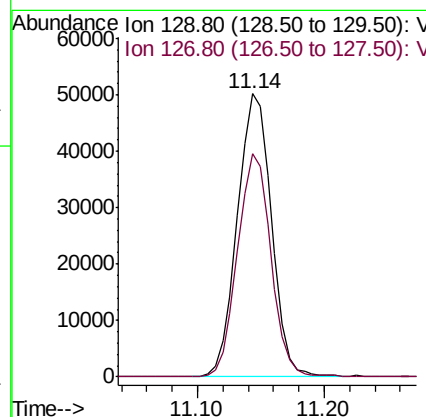
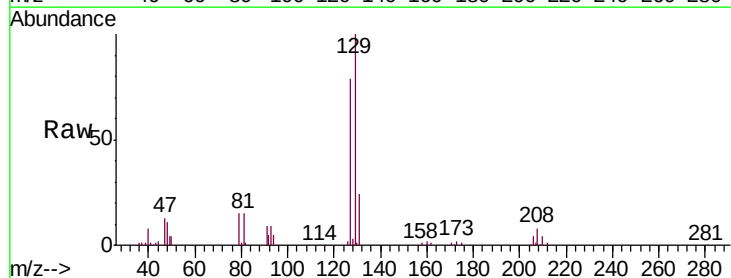
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

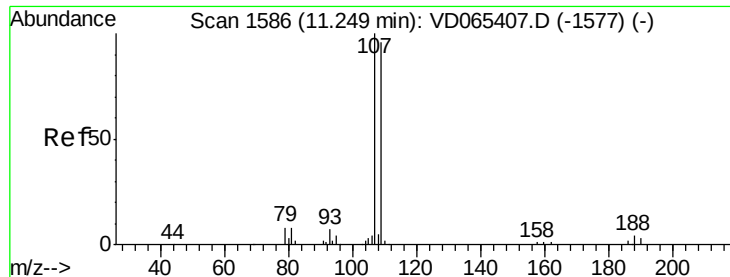
Tgt Ion: 43 Resp: 159659
Ion Ratio Lower Upper
43 100
58 53.2 27.4 82.2



#60
Dibromochloromethane
Concen: 22.467 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion: 129 Resp: 93513
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

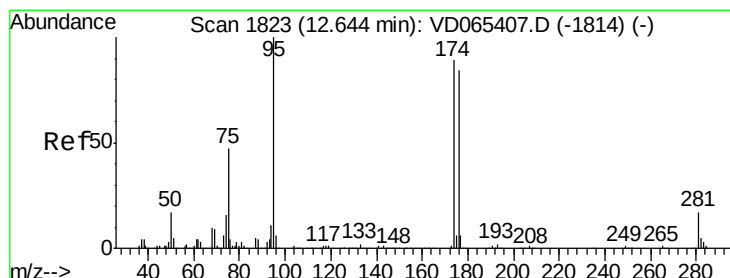
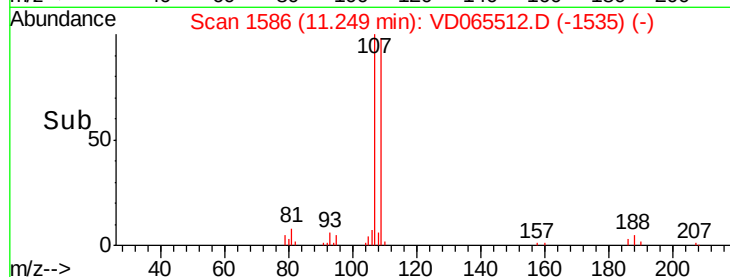
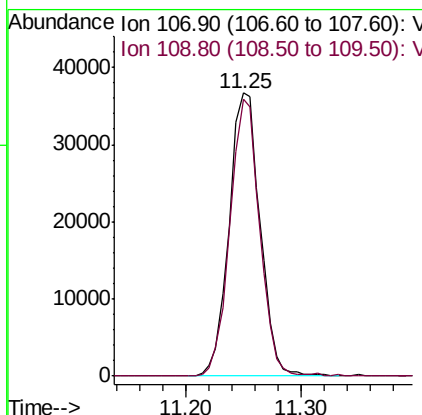
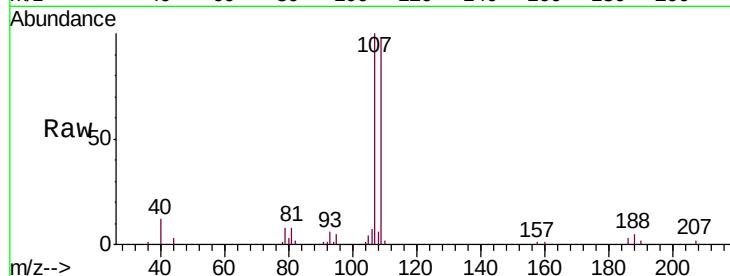




#61
 1,2-Dibromoethane
 Concen: 21.997 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

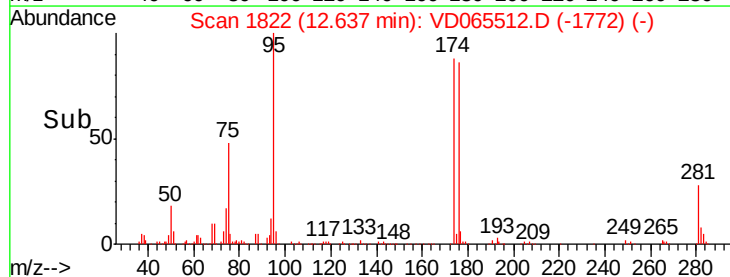
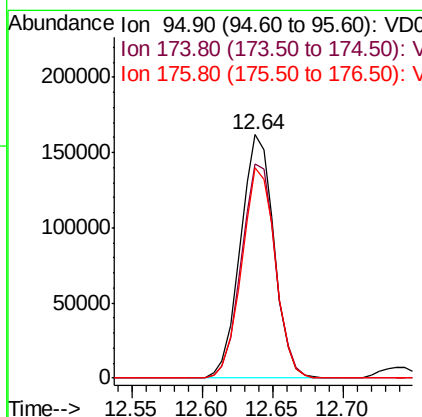
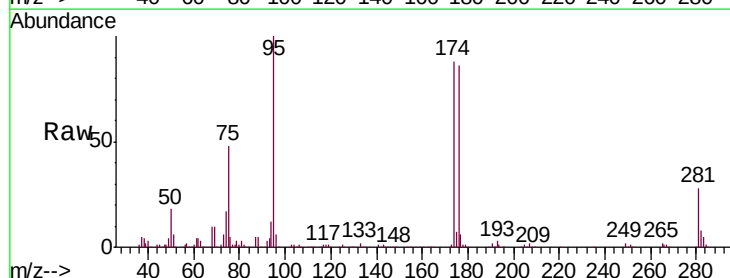
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBSD01

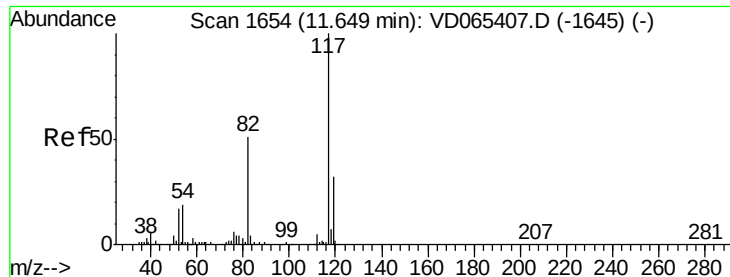
Tgt Ion: 107 Resp: 68128
 Ion Ratio Lower Upper
 107 100
 109 94.0 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 53.968 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion: 95 Resp: 269087
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 176.8
 176 86.6 0.0 171.4

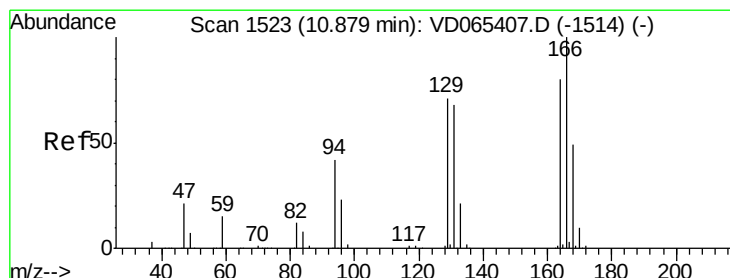
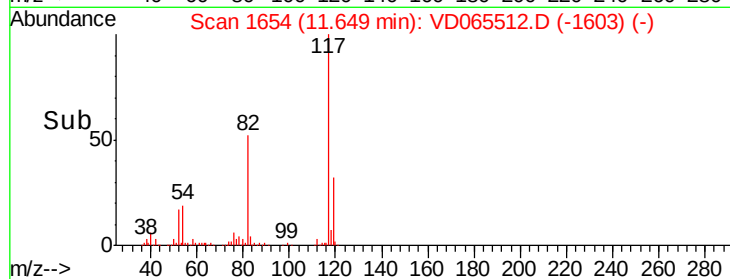
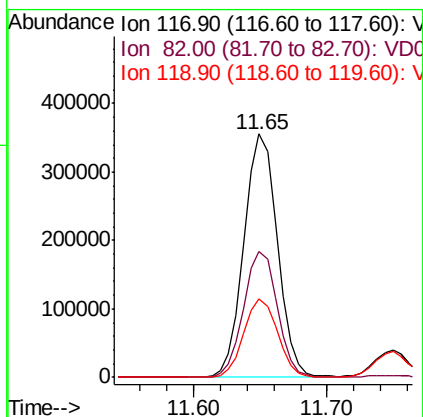
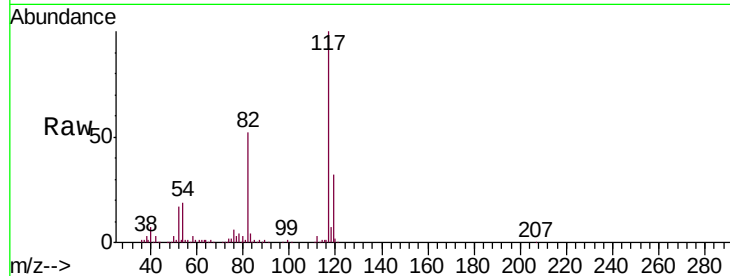




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

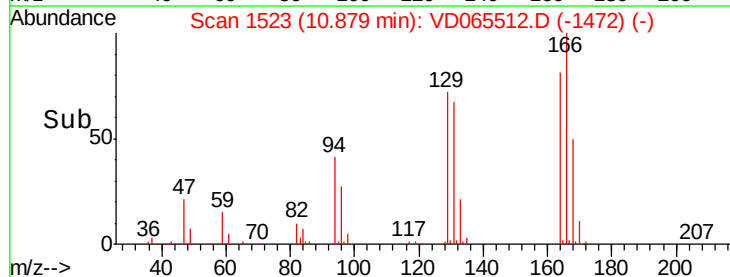
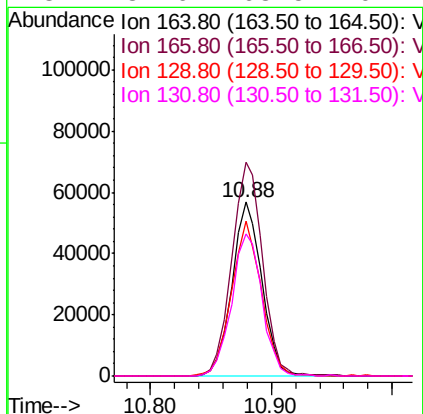
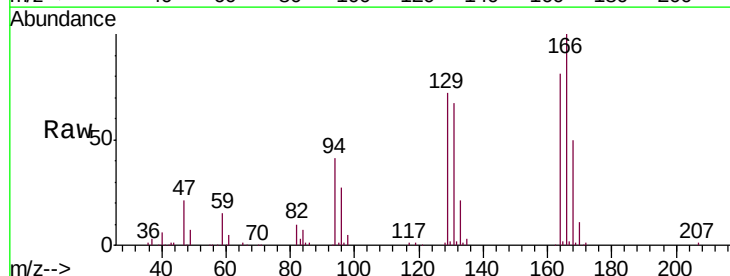
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

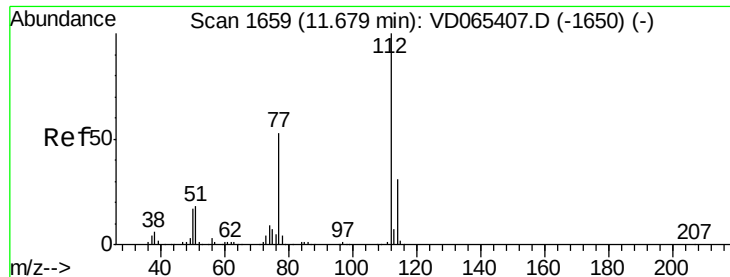
Tgt Ion:117 Resp: 617666
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 22.118 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion:164 Resp: 97891
Ion Ratio Lower Upper
164 100
166 122.7 100.5 150.7
129 88.7 71.5 107.3
131 81.6 68.5 102.7

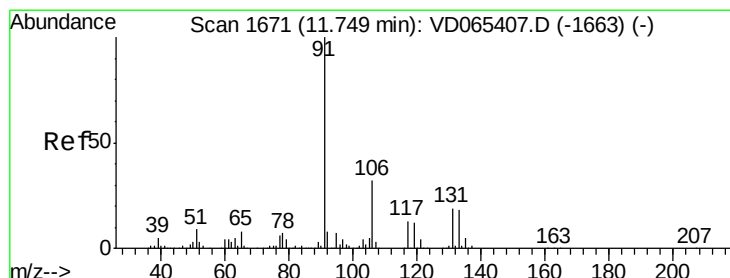
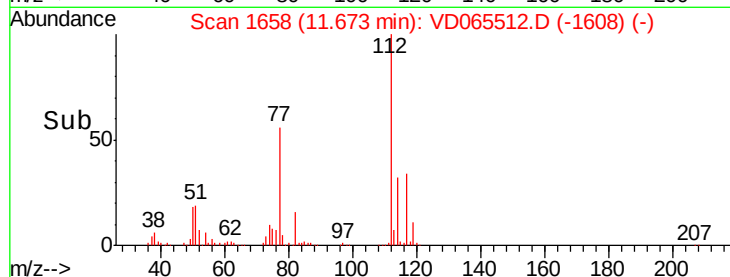
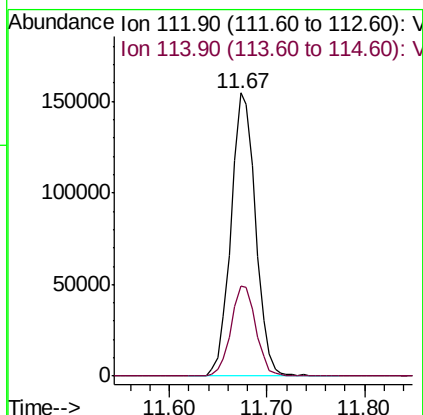
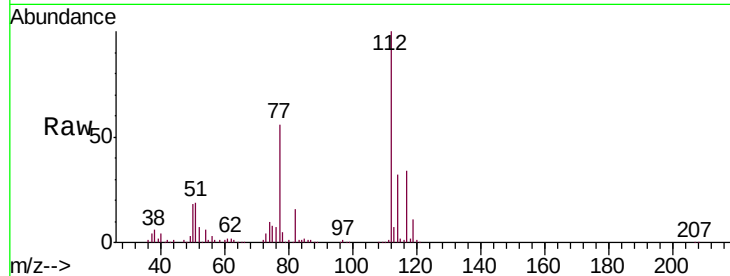




#65
Chlorobenzene
Concen: 22.073 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

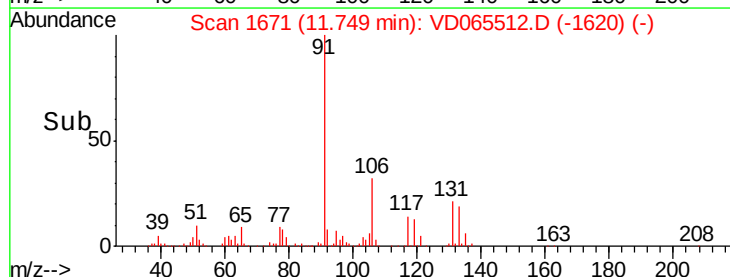
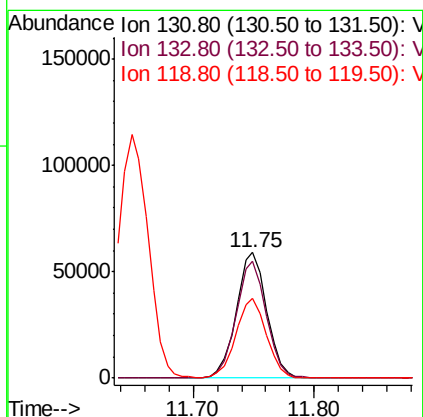
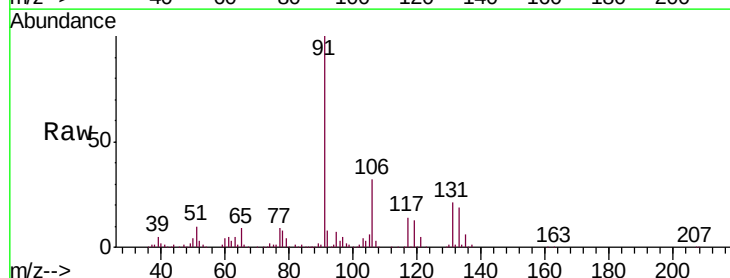
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

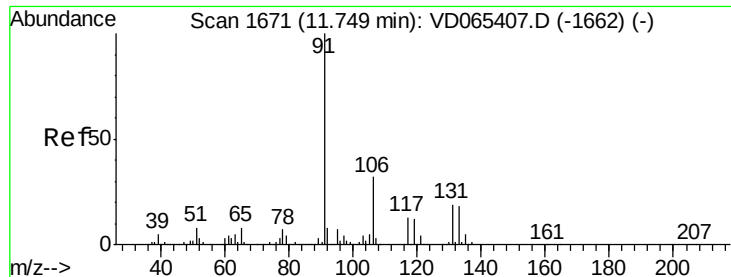
Tgt Ion:112 Resp: 269799
Ion Ratio Lower Upper
112 100
114 32.0 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 23.252 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion:131 Resp: 103510
Ion Ratio Lower Upper
131 100
133 92.9 49.2 147.6
119 64.4 33.3 99.8

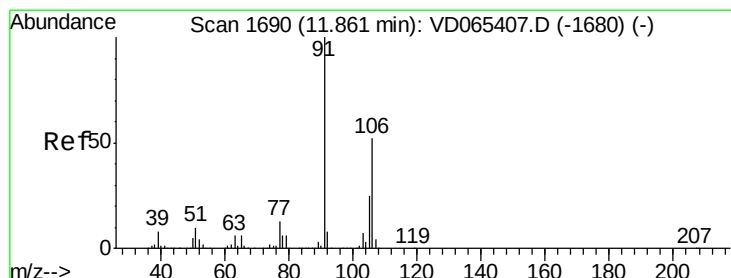
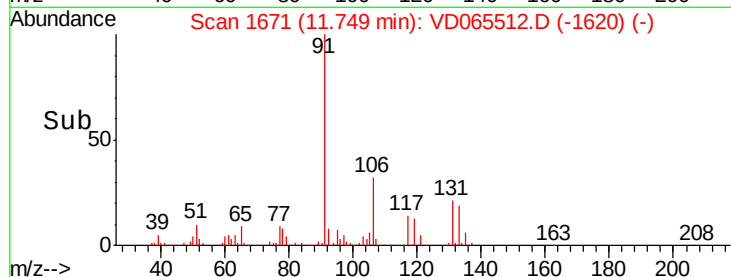
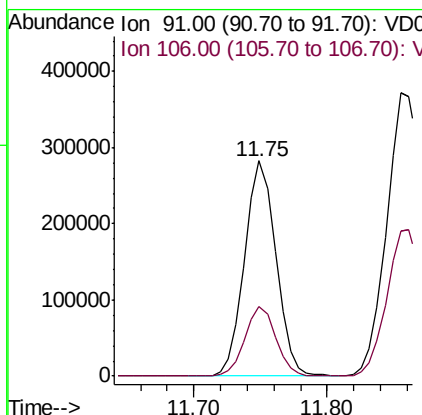
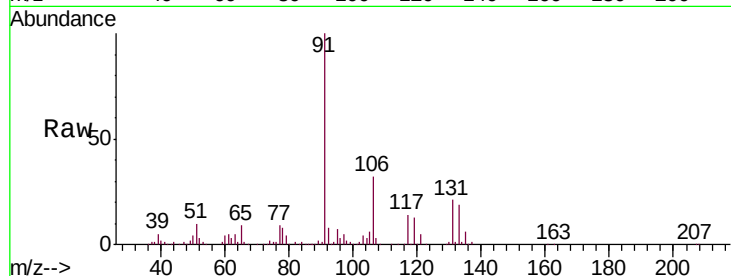




#67
Ethyl Benzene
Concen: 21.821 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

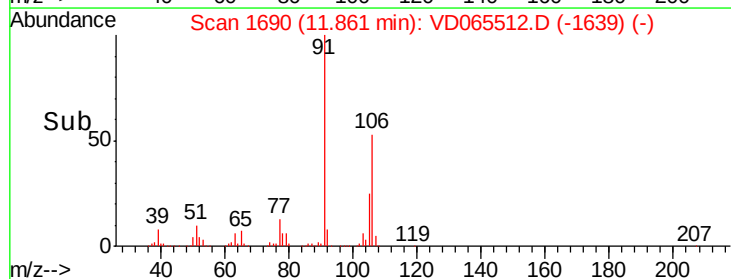
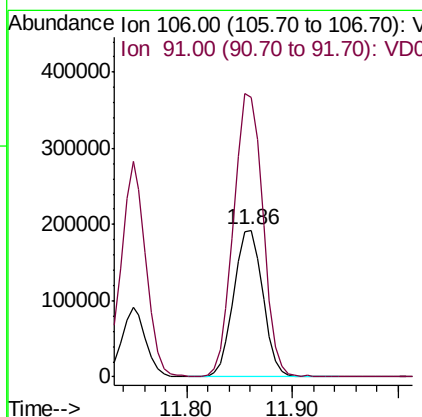
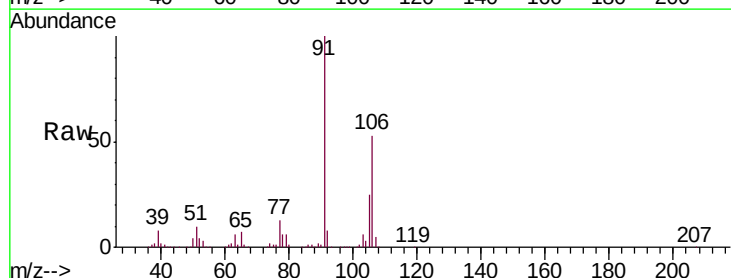
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

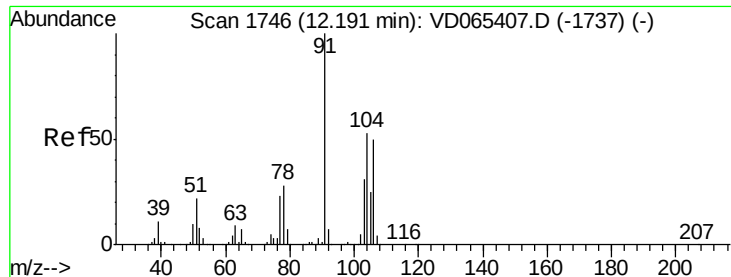
Tgt Ion: 91 Resp: 460847
Ion Ratio Lower Upper
91 100
106 32.2 25.2 37.8



#68
m/p-Xylenes
Concen: 45.244 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion: 106 Resp: 368443
Ion Ratio Lower Upper
106 100
91 194.6 155.9 233.9

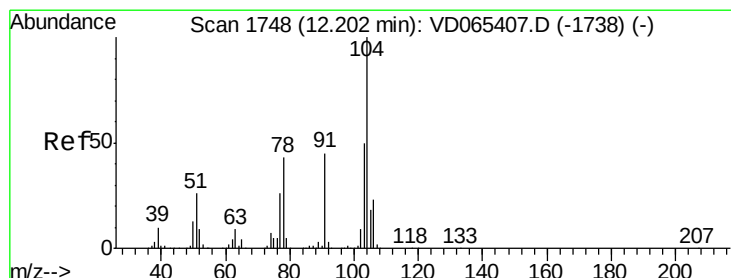
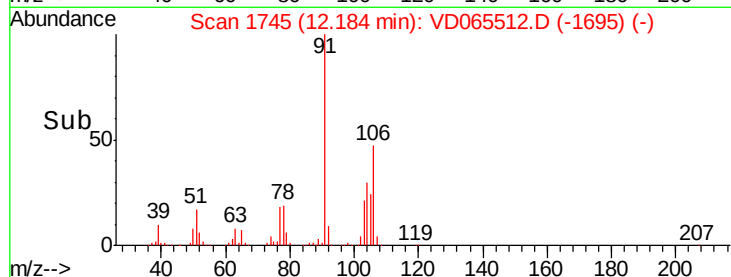
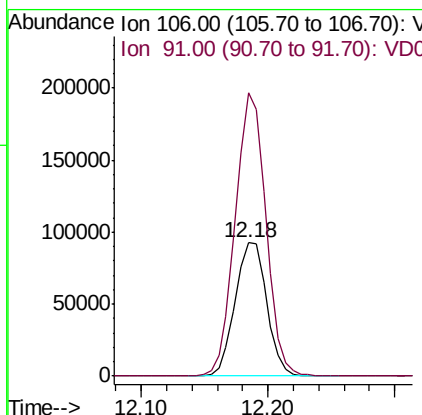
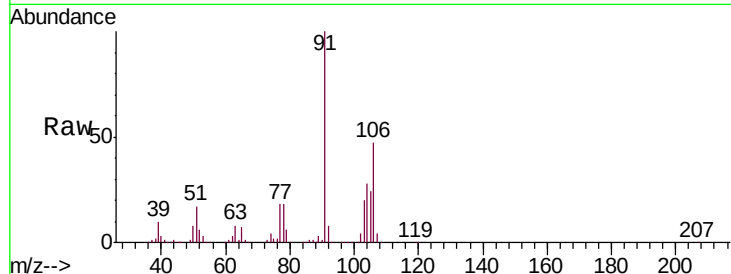




#69
o-Xylene
Concen: 22.351 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

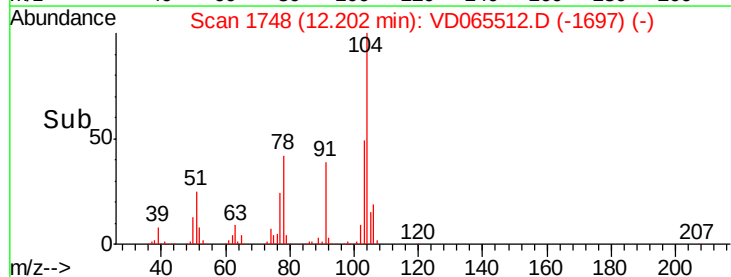
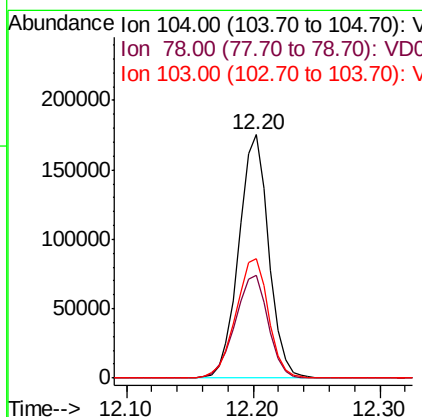
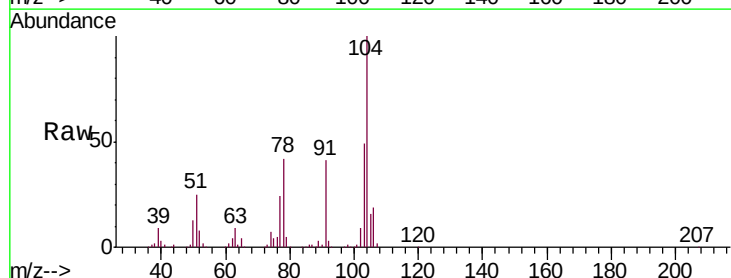
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

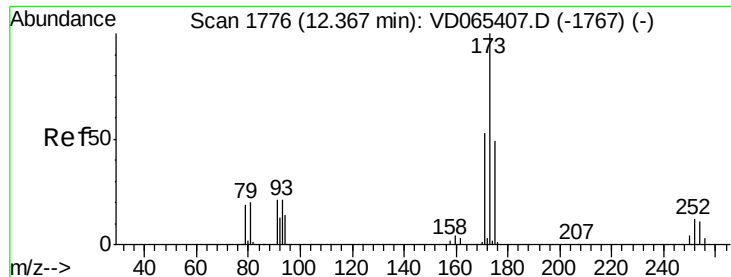
Tgt Ion:106 Resp: 160108
Ion Ratio Lower Upper
106 100
91 206.2 103.5 310.3



#70
Styrene
Concen: 22.773 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion:104 Resp: 287098
Ion Ratio Lower Upper
104 100
78 46.5 37.7 56.5
103 53.9 43.6 65.4





#71

Bromoform

Concen: 21.663 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBSD01

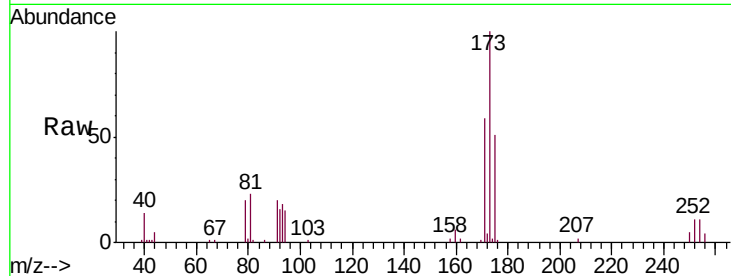
Tgt Ion:173 Resp: 54167

Ion Ratio Lower Upper

173 100

175 49.9 24.3 73.0

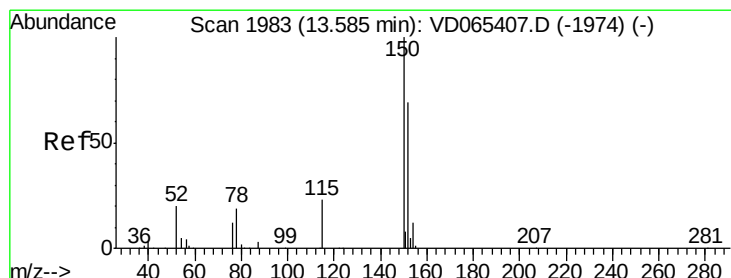
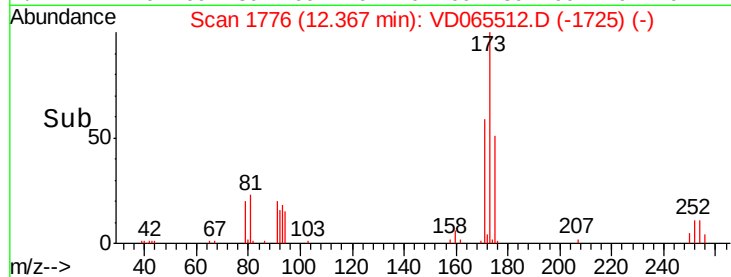
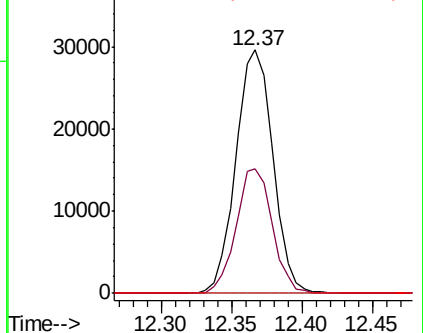
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

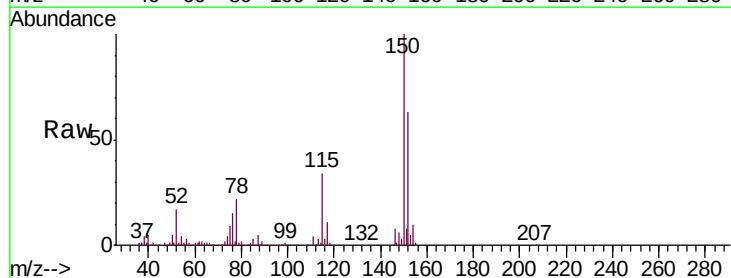
Tgt Ion:152 Resp: 309718

Ion Ratio Lower Upper

152 100

115 55.2 27.6 82.8

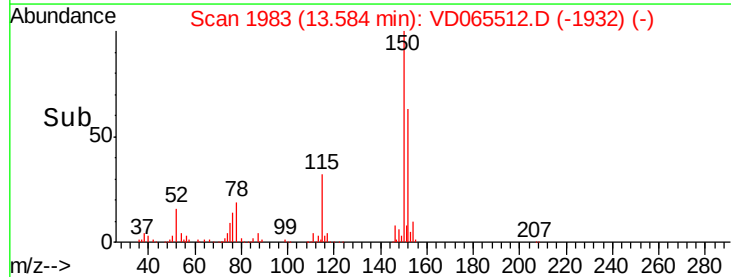
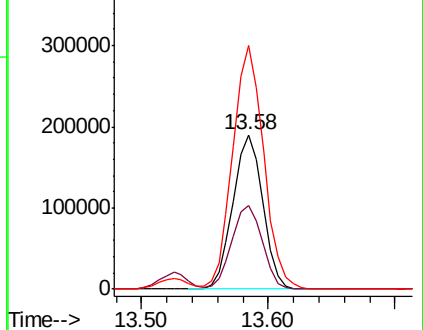
150 163.7 0.0 345.0

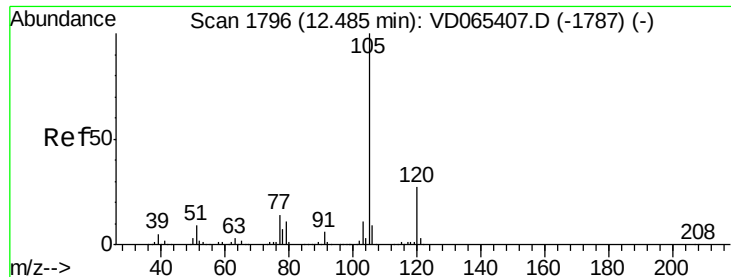


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.338 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

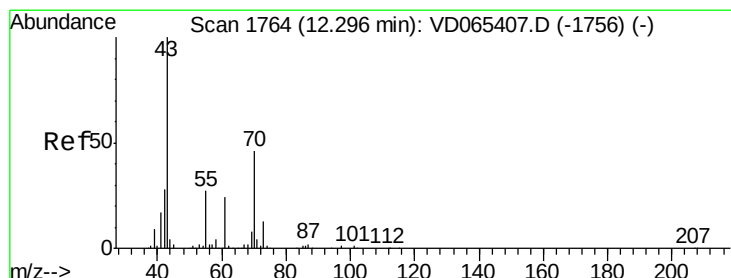
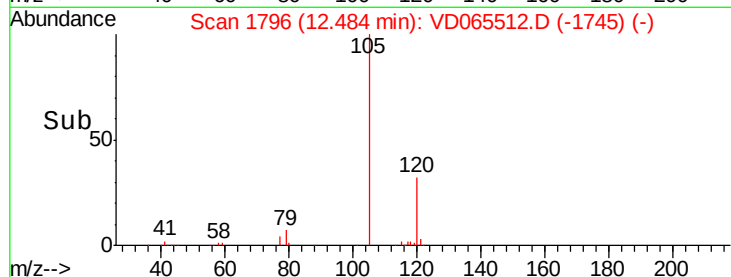
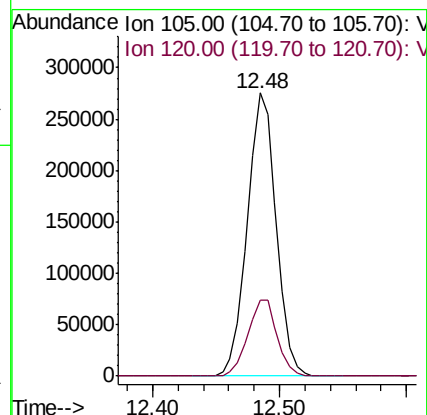
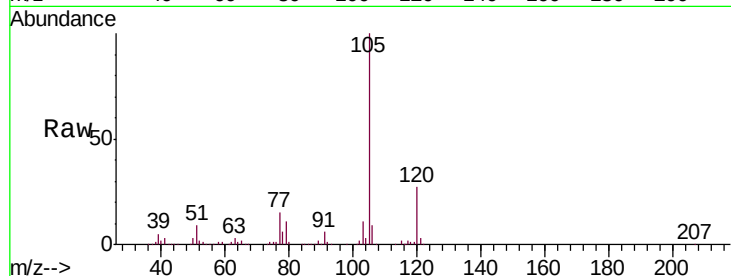
VD0316SBS01

Tgt Ion:105 Resp: 434681

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 19.592 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Tgt Ion: 43 Resp: 81711

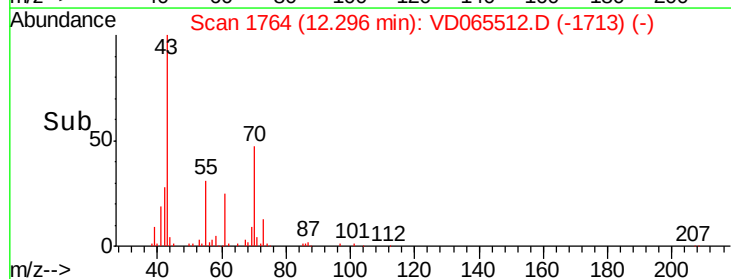
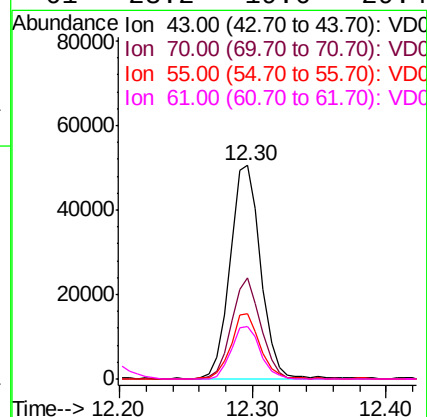
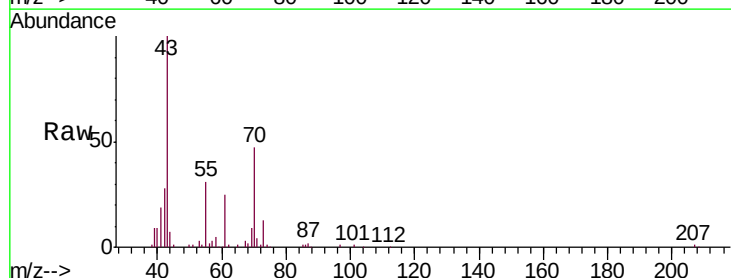
Ion Ratio Lower Upper

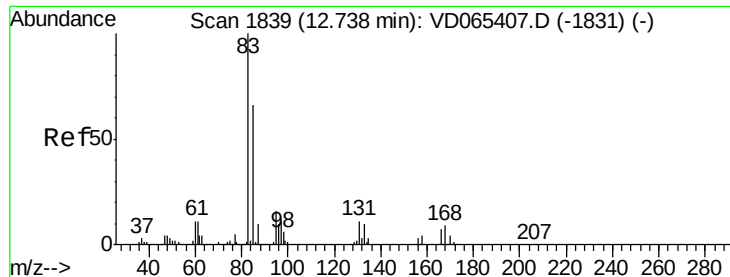
43 100

70 44.7 36.1 54.1

55 29.4 21.6 32.4

61 23.2 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.632 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBSD01

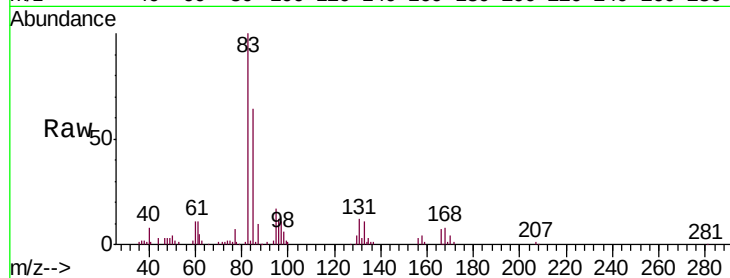
Tgt Ion: 83 Resp: 73879

Ion Ratio Lower Upper

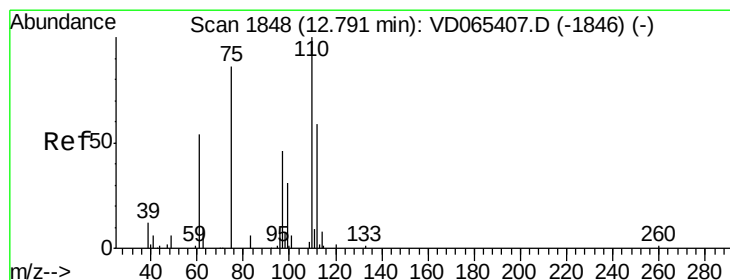
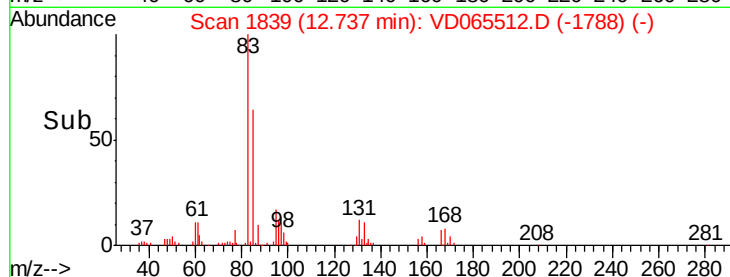
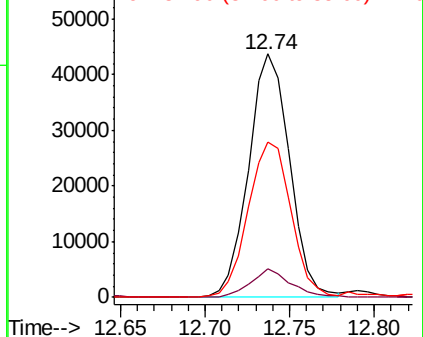
83 100

131 11.5 5.4 16.2

85 66.7 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 38.686 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065512.D

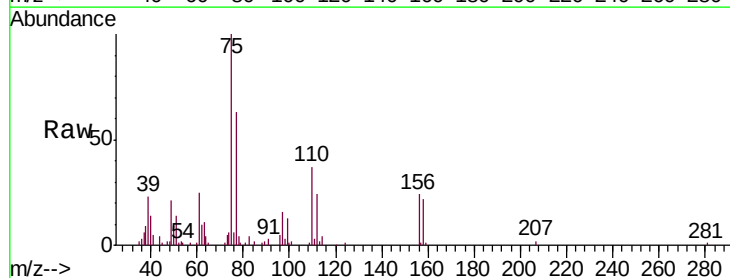
Acq: 16 Mar 2020 14:48

Tgt Ion: 75 Resp: 94545

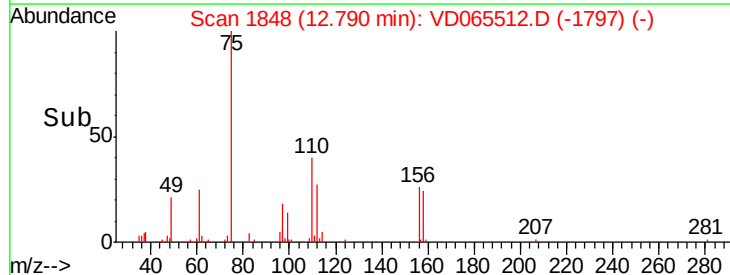
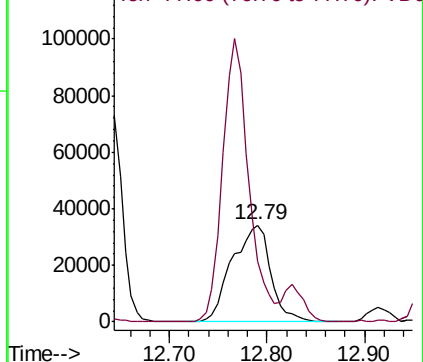
Ion Ratio Lower Upper

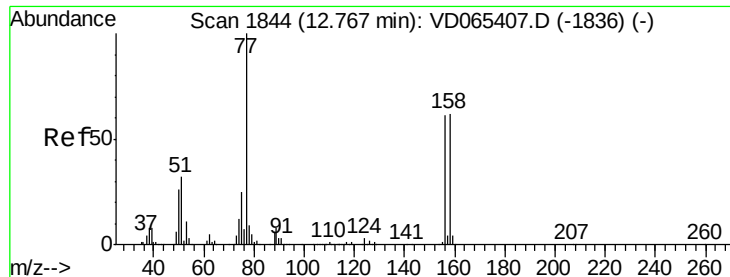
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.167 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

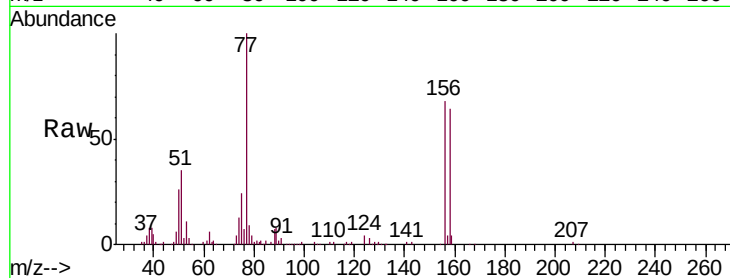
Tgt Ion:156 Resp: 112196

Ion Ratio Lower Upper

156 100

77 166.3 84.9 254.6

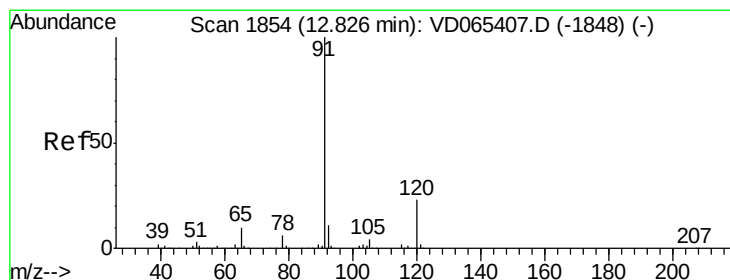
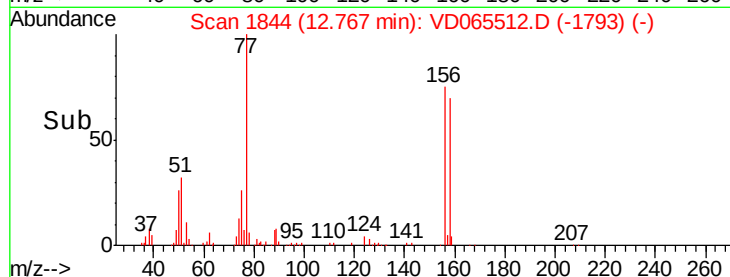
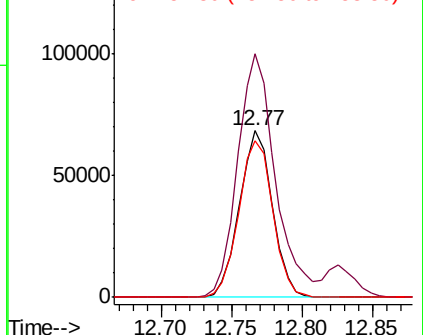
158 96.9 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.896 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065512.D

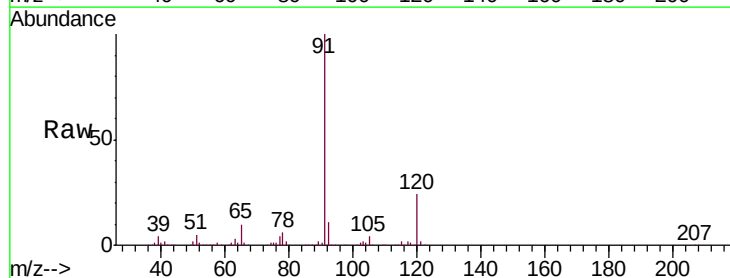
Acq: 16 Mar 2020 14:48

Tgt Ion: 91 Resp: 529238

Ion Ratio Lower Upper

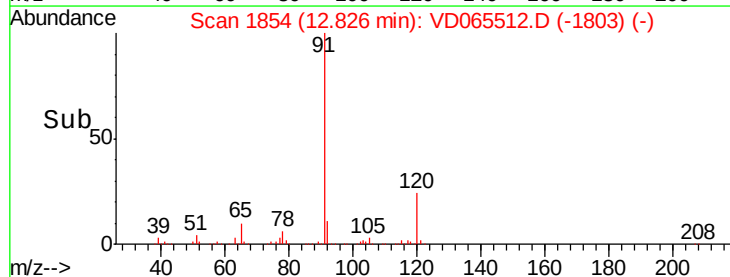
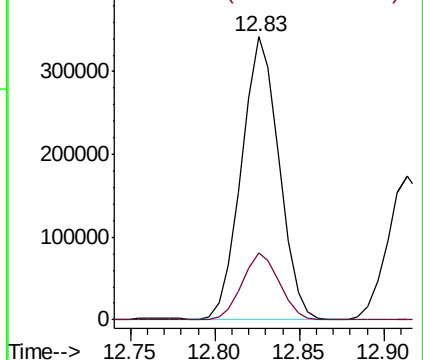
91 100

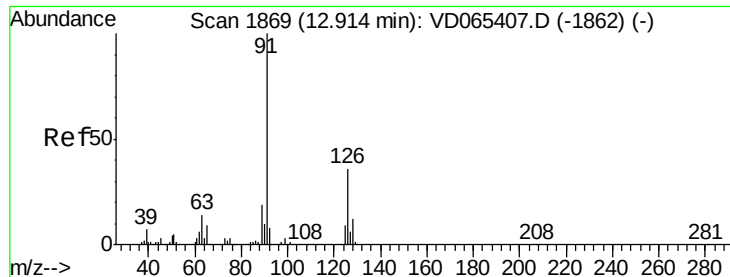
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

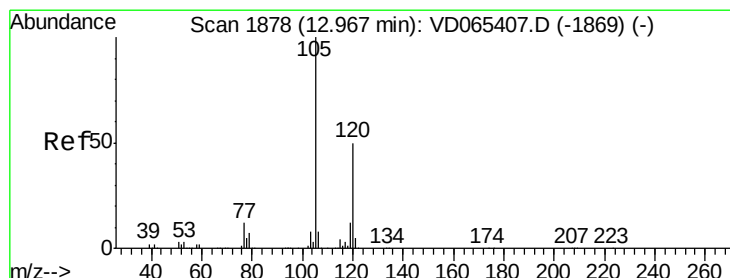
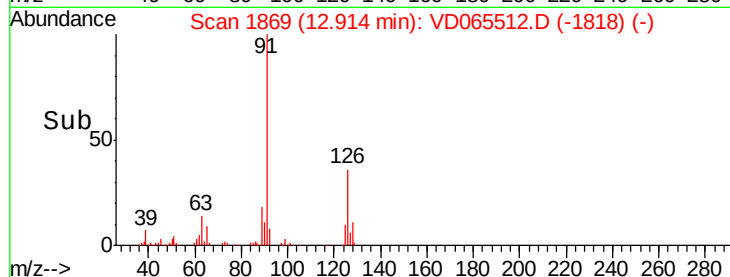
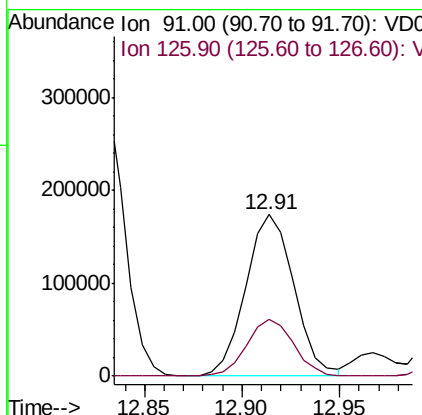
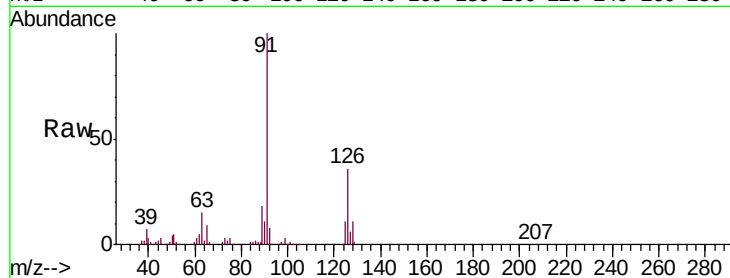




#79
 2-Chlorotoluene
 Concen: 21.812 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

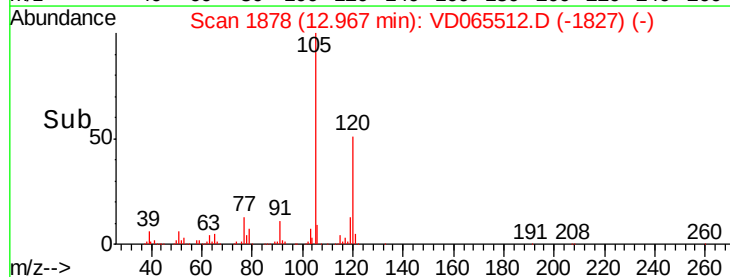
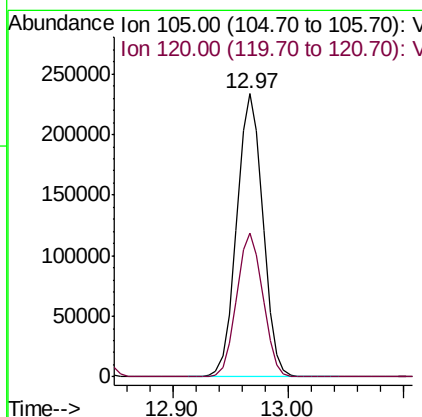
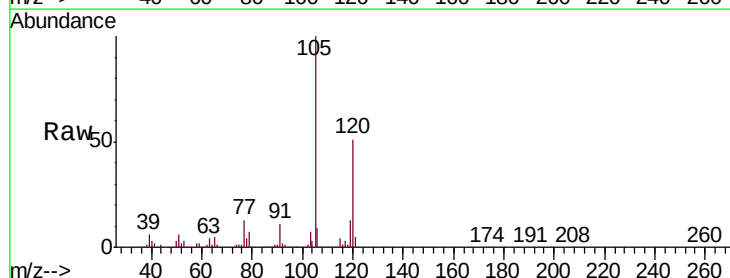
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBSD01

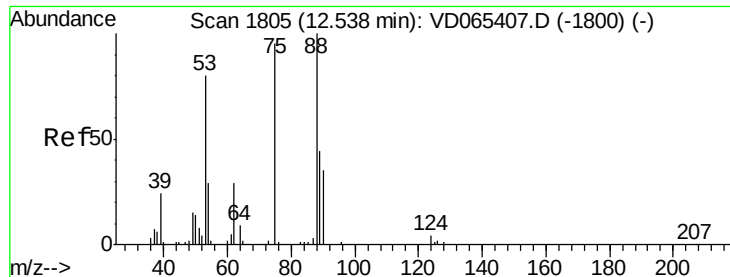
Tgt Ion: 91 Resp: 297128
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.854 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion: 105 Resp: 366003
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.870 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBSD01

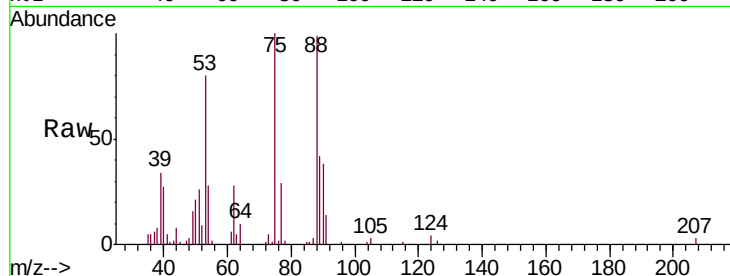
Tgt Ion: 75 Resp: 24170

Ion Ratio Lower Upper

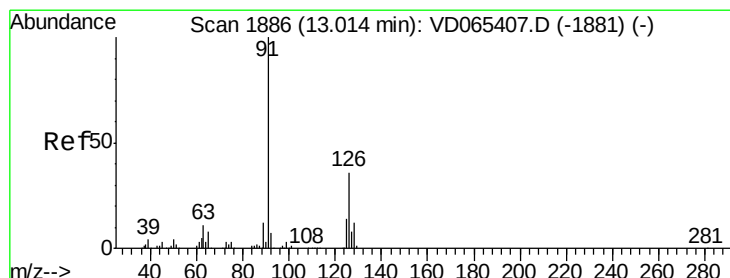
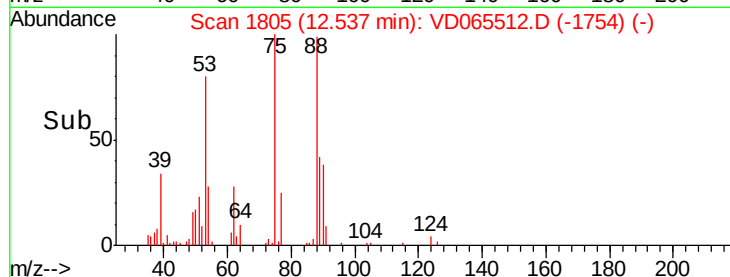
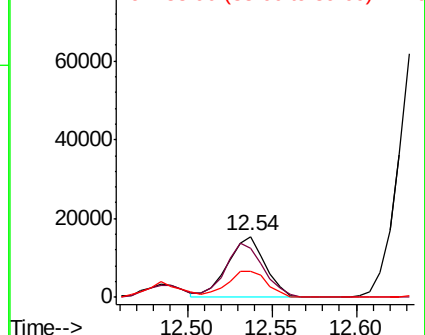
75 100

53 87.9 71.3 106.9

89 44.8 37.0 55.6



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.793 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065512.D

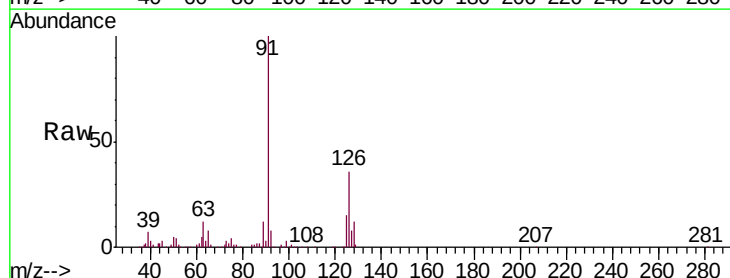
Acq: 16 Mar 2020 14:48

Tgt Ion: 91 Resp: 311962

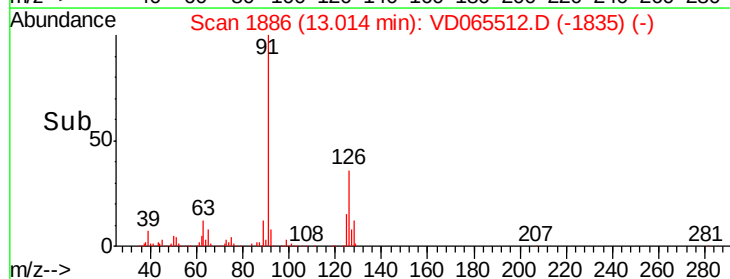
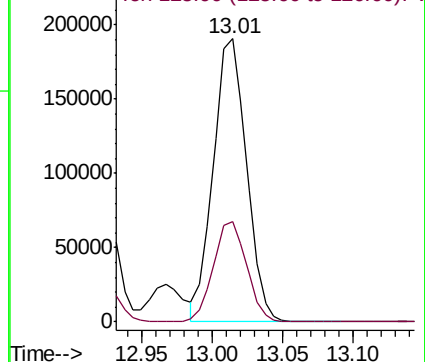
Ion Ratio Lower Upper

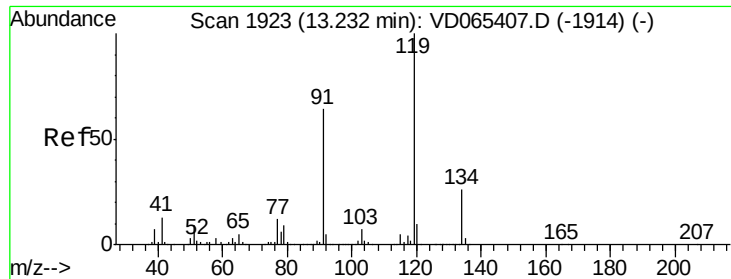
91 100

126 35.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

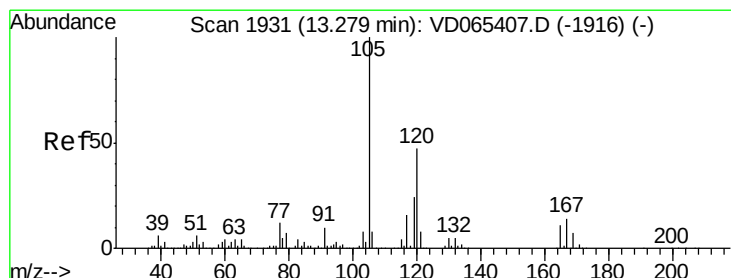
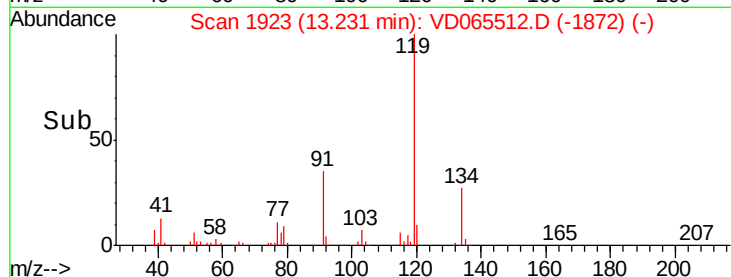
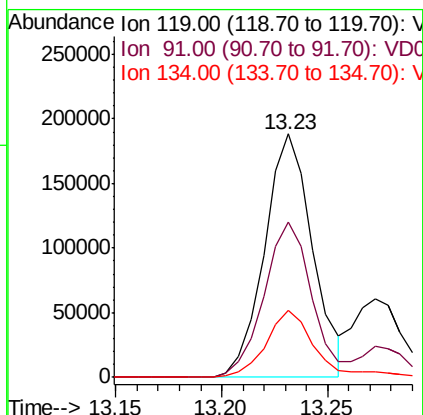
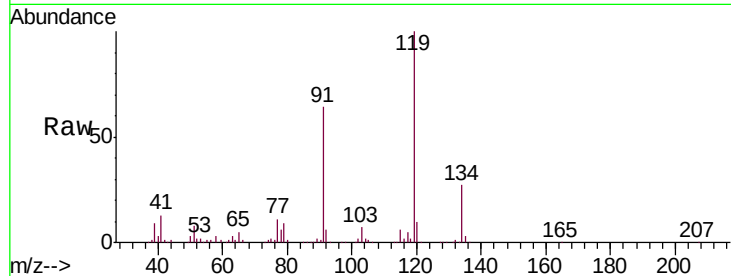




#83
 tert-Butylbenzene
 Concen: 21.044 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

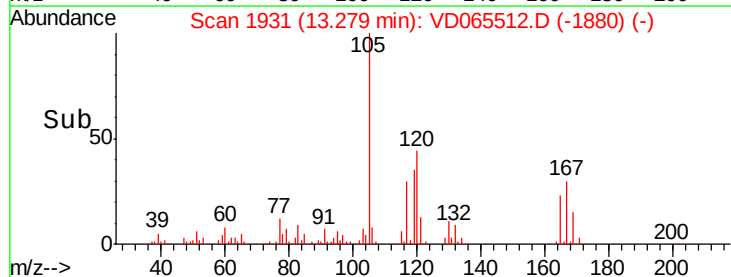
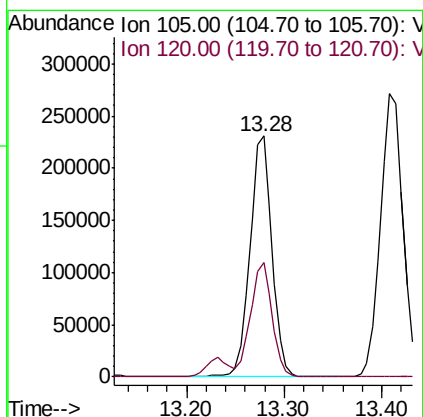
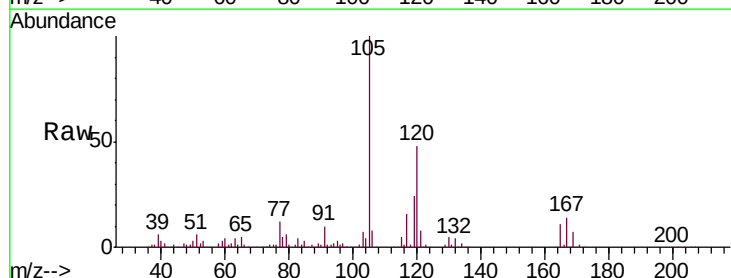
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBSD01

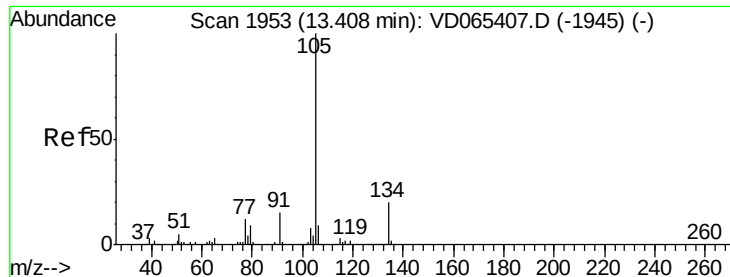
Tgt Ion:119 Resp: 298169
 Ion Ratio Lower Upper
 119 100
 91 64.3 31.6 95.0
 134 28.3 14.2 42.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.088 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion:105 Resp: 364645
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.3

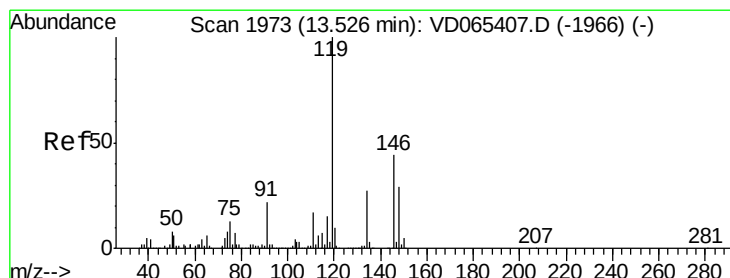
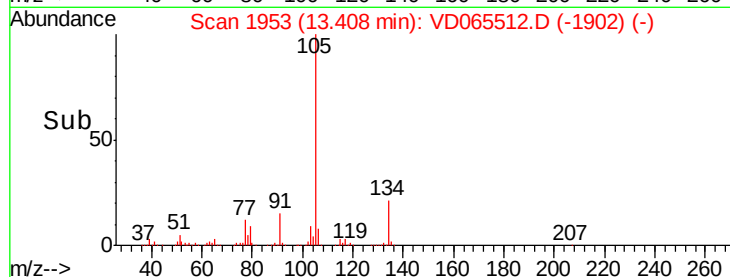
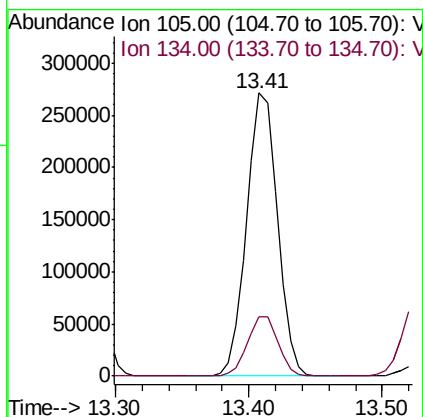
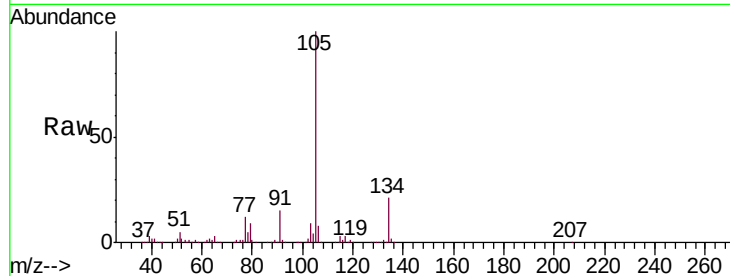




#85
 sec-Butylbenzene
 Concen: 21.368 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

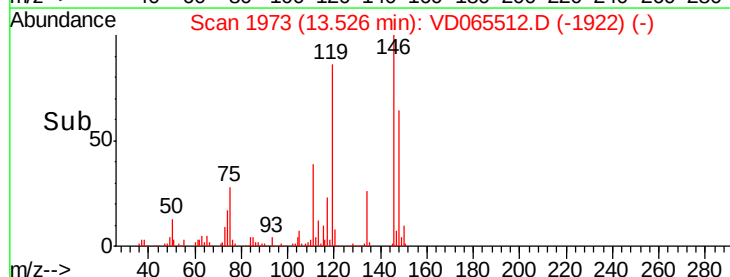
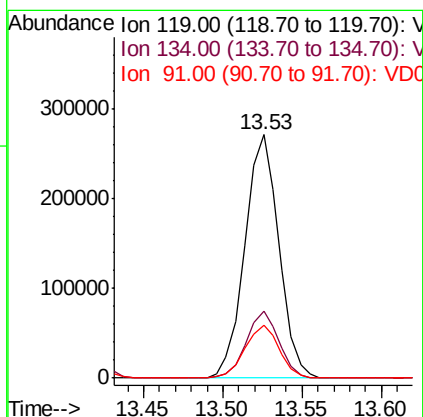
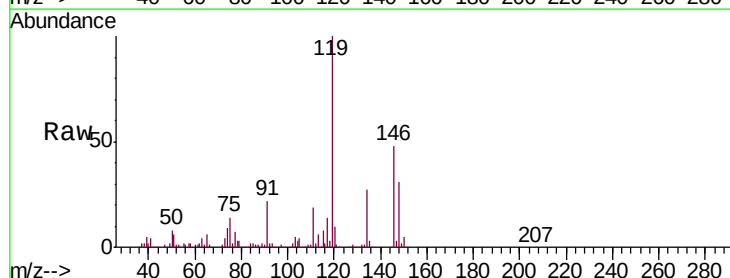
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

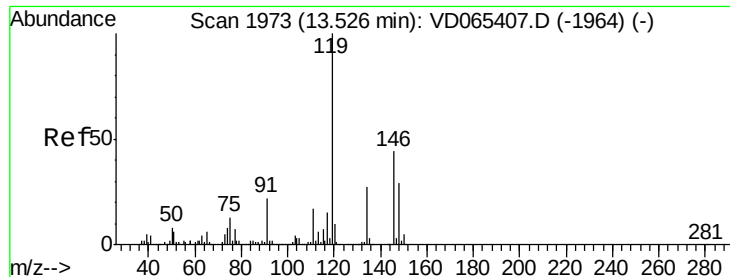
Tgt Ion:105 Resp: 432157
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 21.844 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion:119 Resp: 403121
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 21.7 10.9 32.6

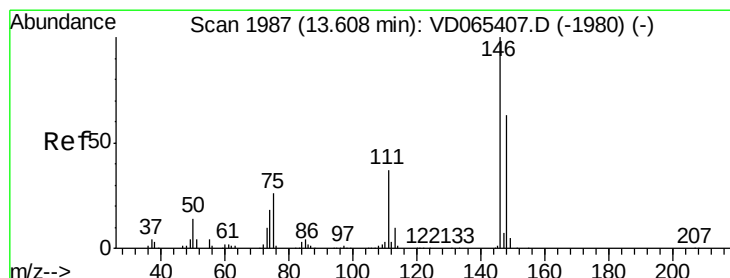
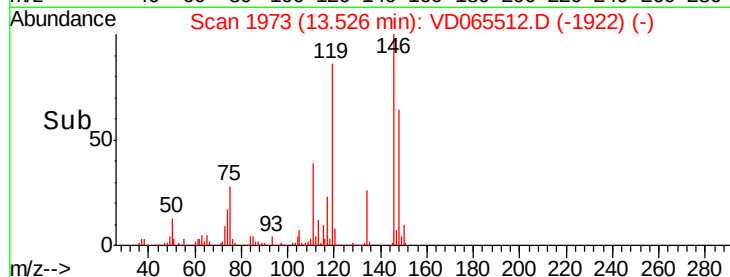
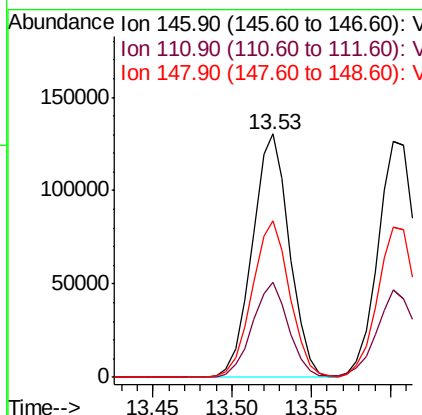
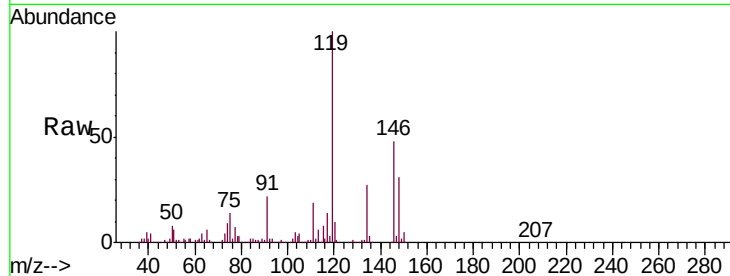




#87
 1,3-Dichlorobenzene
 Concen: 21.755 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

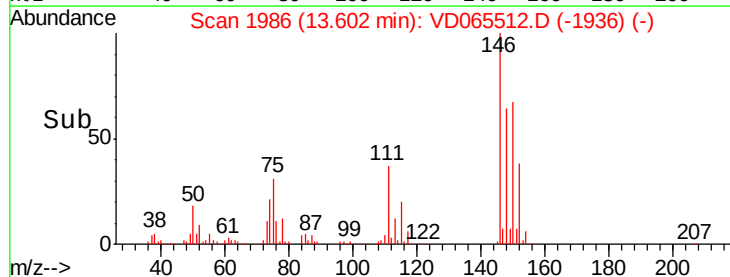
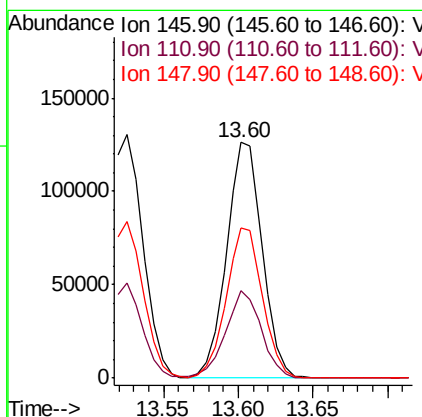
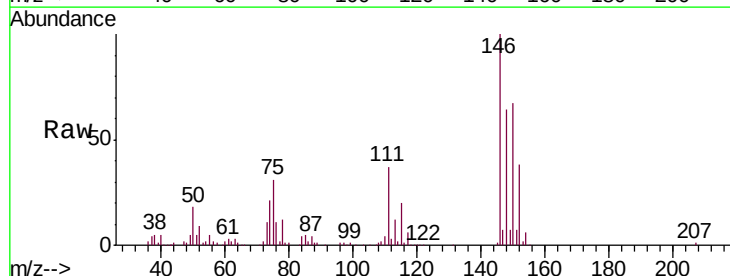
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBSD01

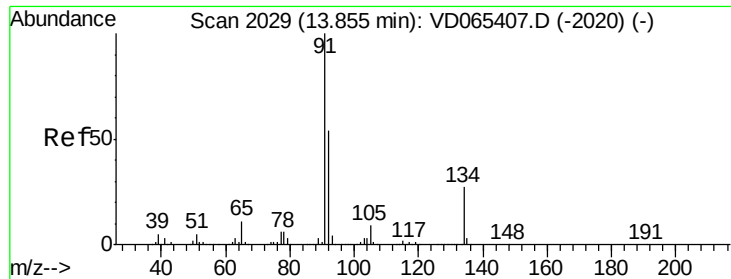
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	65.0	32.3	96.8



#88
 1,4-Dichlorobenzene
 Concen: 21.797 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.5	55.5
148	64.5	32.0	96.0





#89

n-Butylbenzene

Concen: 21.004 ug/l

RT: 13.85 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VD065512.D

Acq: 16 Mar 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBSD01

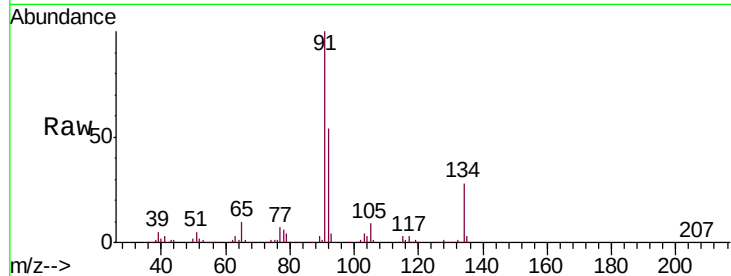
Tgt Ion: 91 Resp: 358360

Ion Ratio Lower Upper

91 100

92 54.1 26.8 80.4

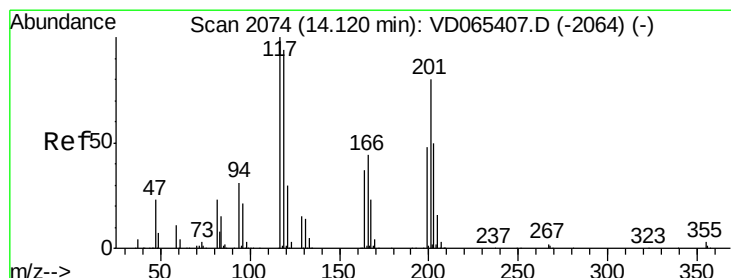
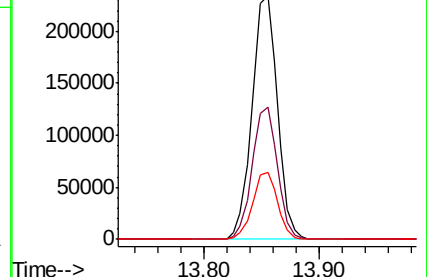
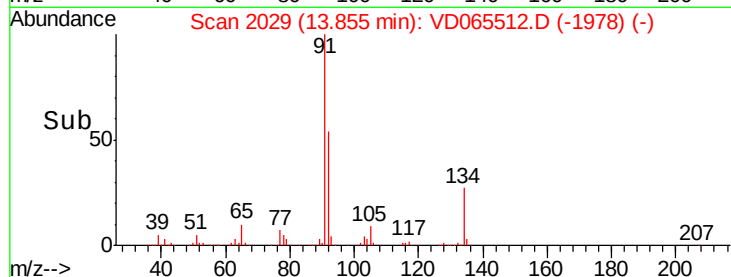
134 27.2 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 21.023 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD065512.D

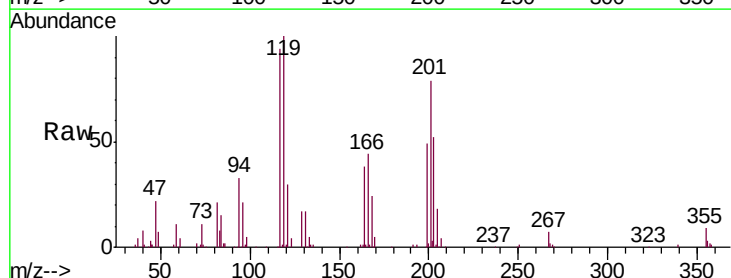
Acq: 16 Mar 2020 14:48

Tgt Ion: 117 Resp: 79900

Ion Ratio Lower Upper

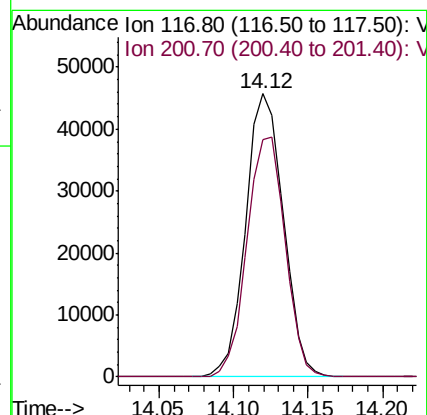
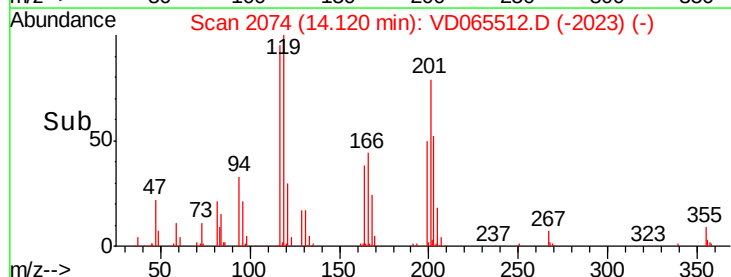
117 100

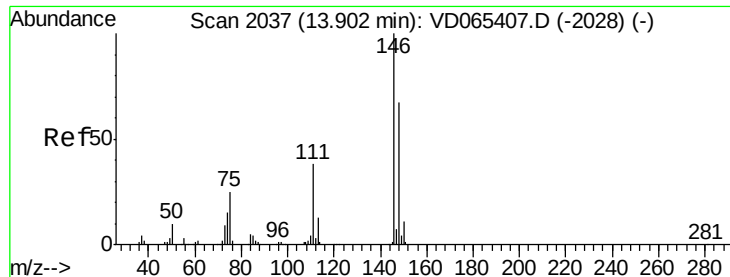
201 85.4 41.9 125.6



Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC

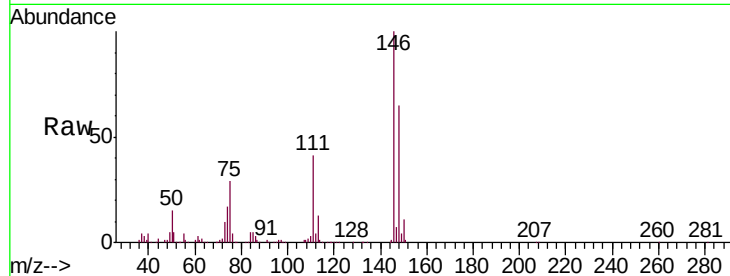




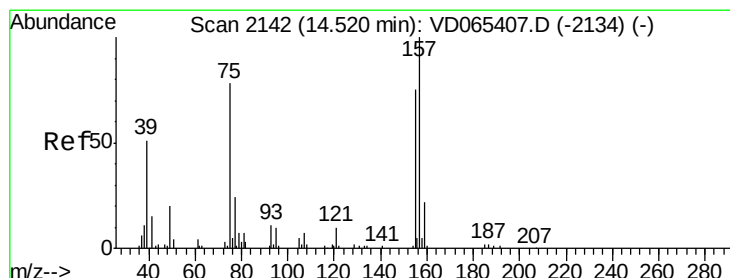
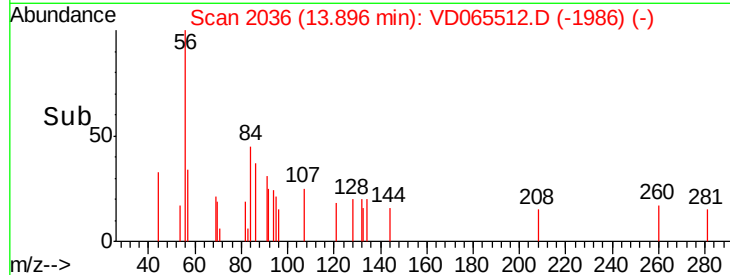
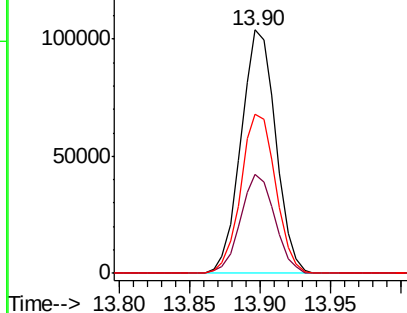
#91
 1,2-Dichlorobenzene
 Concen: 21.673 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBSD01

Tgt Ion: 146 Resp: 179472
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.3
 148 65.3 32.6 97.8

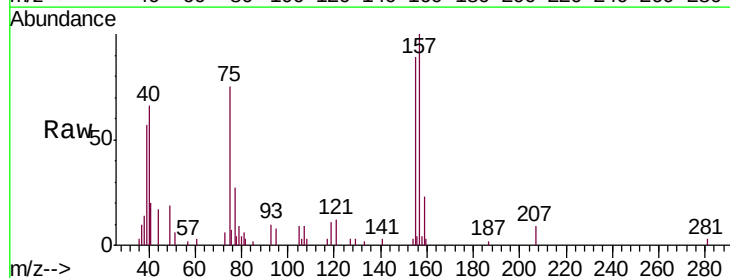


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

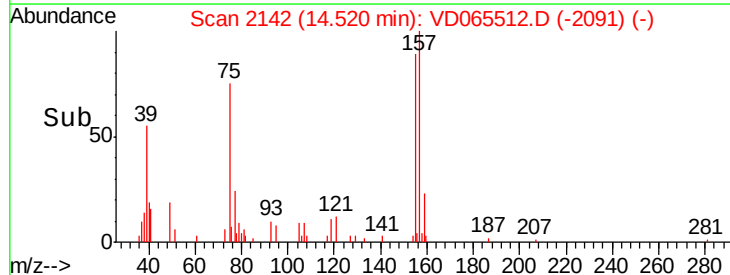
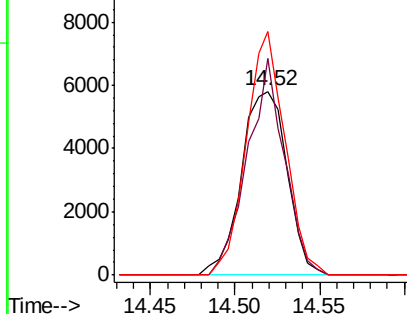


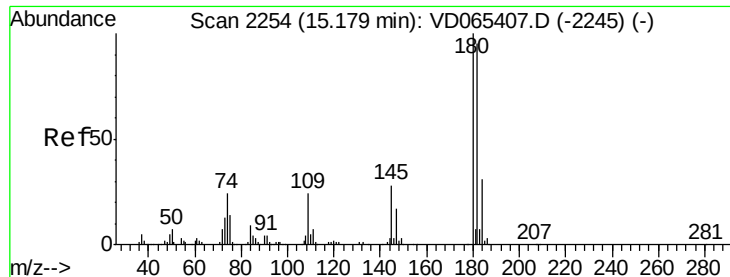
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.064 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion: 75 Resp: 10942
 Ion Ratio Lower Upper
 75 100
 155 95.5 46.4 139.1
 157 112.2 60.2 180.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

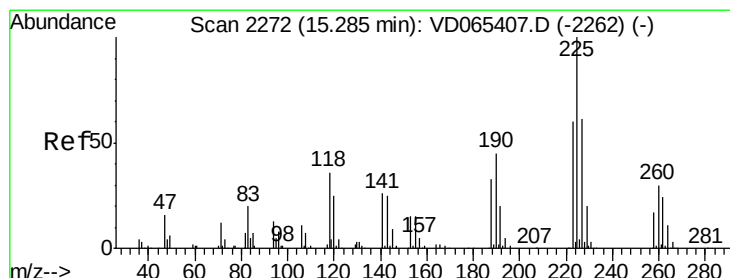
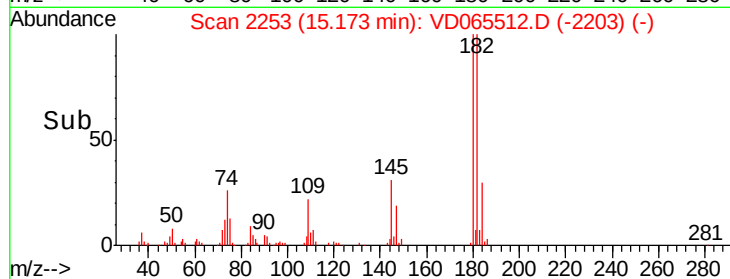
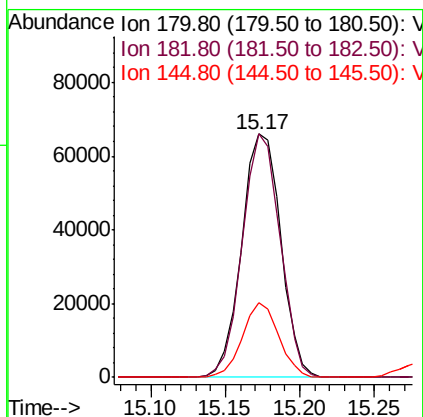
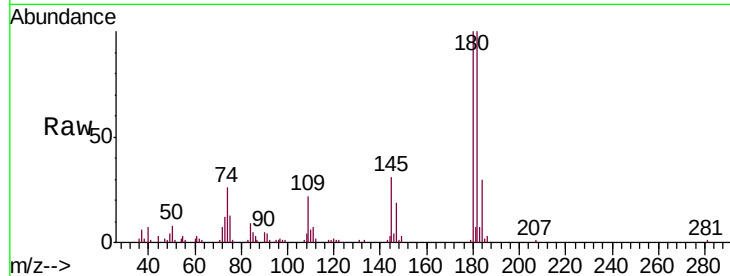




#93
 1,2,4-Trichlorobenzene
 Concen: 21.309 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

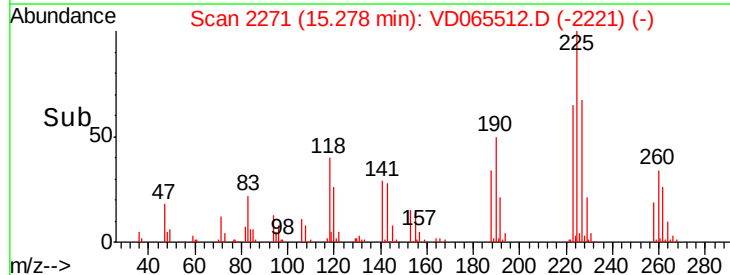
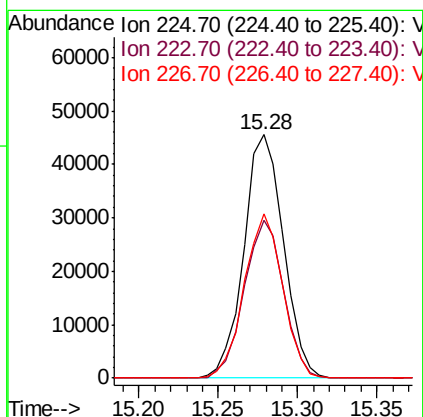
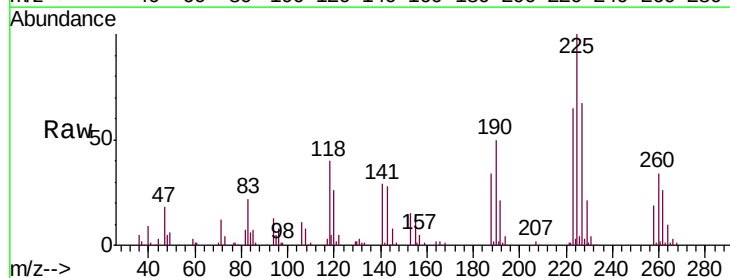
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

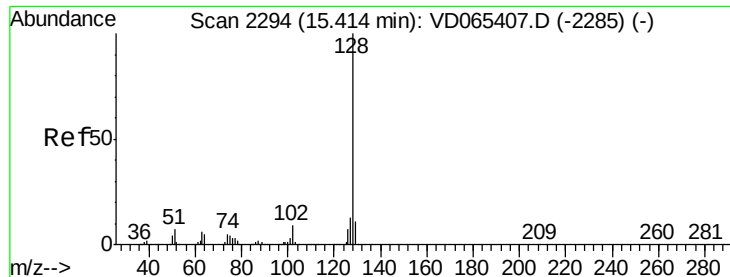
Tgt Ion:180 Resp: 119598
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.3 144.9
 145 28.6 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 21.425 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065512.D
 Acq: 16 Mar 2020 14:48

Tgt Ion:225 Resp: 79012
 Ion Ratio Lower Upper
 225 100
 223 64.6 30.9 92.5
 227 65.7 31.6 94.7

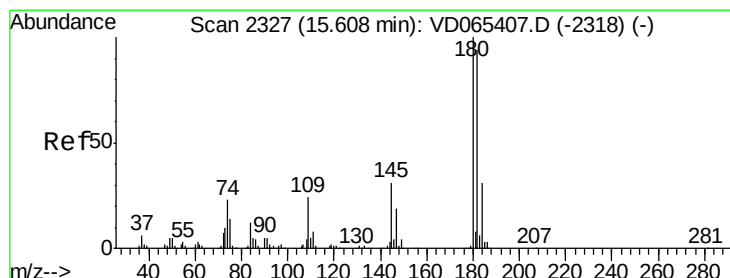
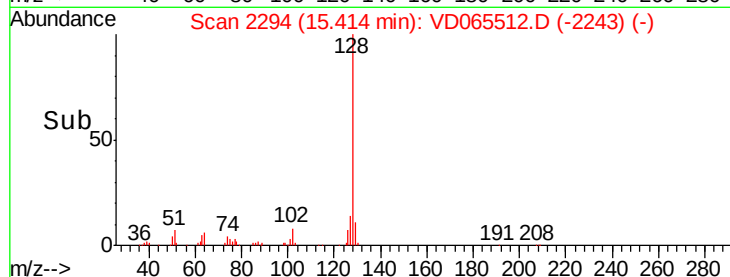
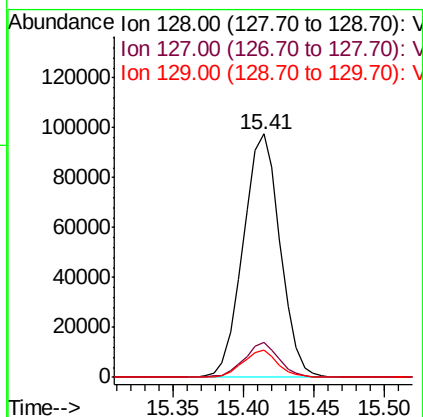
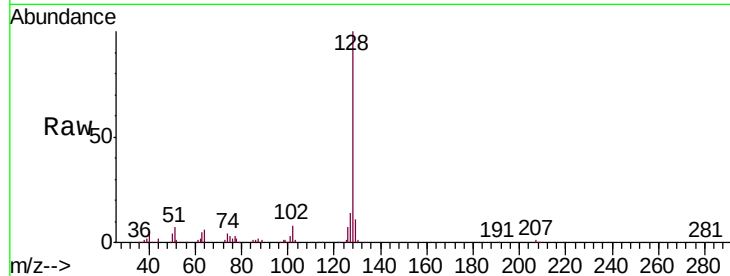




#95
Naphthalene
Concen: 20.706 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

Tgt Ion:128 Resp: 178797
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.848 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD065512.D
Acq: 16 Mar 2020 14:48

Tgt Ion:180 Resp: 105963
Ion Ratio Lower Upper
180 100
182 93.6 46.9 140.6
145 30.3 15.0 45.1

