

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
 Data File : VD065439.D
 Acq On : 05 Mar 2020 18:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 06 03:50:43 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	448397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	666165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	605720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	303288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	198072	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
35) Dibromofluoromethane	7.92	113	207257	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	10.34	98	804957	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.64	95	254798	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	166500	43.206	ug/l	97
3) Chloromethane	2.21	50	211437	45.445	ug/l	99
4) Vinyl Chloride	2.35	62	213638	46.554	ug/l	97
5) Bromomethane	2.77	94	139481	54.692	ug/l	98
6) Chloroethane	2.93	64	133933	47.653	ug/l	98
7) Trichlorofluoromethane	3.27	101	319134	47.196	ug/l	100
8) Diethyl Ether	3.71	74	103114	51.278	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	204864	47.041	ug/l	99
10) Methyl Iodide	4.30	142	232244	51.331	ug/l	98
11) Tert butyl alcohol	5.25	59	50338	228.161	ug/l	96
12) 1,1-Dichloroethene	4.06	96	194653	46.678	ug/l	98
13) Acrolein	3.93	56	92637	243.465	ug/l	99
14) Allyl chloride	4.71	41	315820	49.300	ug/l	99
15) Acrylonitrile	5.43	53	233773	267.226	ug/l	100
16) Acetone	4.17	43	180700	232.296	ug/l	100
17) Carbon Disulfide	4.40	76	649859	46.795	ug/l	98
18) Methyl Acetate	4.72	43	101580	51.479	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	438024	54.620	ug/l	97
20) Methylene Chloride	4.96	84	228328	54.351	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	230820	49.757	ug/l	98
22) Diisopropyl ether	6.37	45	654879	54.992	ug/l	97
23) Vinyl Acetate	6.31	43	1868476	282.580	ug/l	99
24) 1,1-Dichloroethane	6.27	63	386497	50.600	ug/l	99
25) 2-Butanone	7.23	43	275832	259.840	ug/l	99
26) 2,2-Dichloropropane	7.21	77	319334	47.840	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	244522	51.569	ug/l	99
28) Bromochloromethane	7.55	49	166057	54.338	ug/l	98
29) Tetrahydrofuran	7.57	42	187452	276.513	ug/l	98
30) Chloroform	7.71	83	396381	51.919	ug/l	97
31) Cyclohexane	7.98	56	357604	46.820	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	346992	49.181	ug/l	99
36) 1,1-Dichloropropene	8.11	75	315909	49.472	ug/l	99
37) Ethyl Acetate	7.30	43	132976	53.877	ug/l	98
38) Carbon Tetrachloride	8.10	117	324386	48.988	ug/l	95

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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	375282	48.659	ug/l	95
40) Benzene	8.36	78	899666	50.390	ug/l	99
41) Methacrylonitrile	7.54	41	75255	57.654	ug/l #	82
42) 1,2-Dichloroethane	8.43	62	244395	52.421	ug/l	100
43) Isopropyl Acetate	8.46	43	236686	51.936	ug/l	99
44) Trichloroethene	9.11	130	249214	49.427	ug/l	99
45) 1,2-Dichloropropane	9.39	63	224070	51.811	ug/l	96
46) Dibromomethane	9.48	93	117073	52.188	ug/l	98
47) Bromodichloromethane	9.67	83	304583	52.190	ug/l	99
48) Methyl methacrylate	9.46	41	114201	53.273	ug/l	99
49) 1,4-Dioxane	9.47	88	27518	1072.406	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	642840	280.311	ug/l	99
52) Toluene	10.41	92	577080	51.308	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	290834	53.326	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	349705	52.973	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	164665	51.826	ug/l	99
56) Ethyl methacrylate	10.67	69	200060	55.853	ug/l	97
57) 1,3-Dichloropropane	10.95	76	284432	52.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	276554	247.061	ug/l	100
59) 2-Hexanone	10.99	43	438520	276.229	ug/l	99
60) Dibromochloromethane	11.14	129	215188	52.836	ug/l	98
61) 1,2-Dibromoethane	11.25	107	160297	52.892	ug/l	98
64) Tetrachloroethene	10.88	164	212357	48.926	ug/l	97
65) Chlorobenzene	11.67	112	612551	51.103	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	227491	52.111	ug/l	97
67) Ethyl Benzene	11.75	91	1071458	51.733	ug/l	99
68) m/p-Xylenes	11.86	106	837210	104.834	ug/l	100
69) o-Xylene	12.18	106	374304	53.283	ug/l	99
70) Styrene	12.20	104	670553	54.237	ug/l	99
71) Bromoform	12.37	173	128218	52.289	ug/l #	99
73) Isopropylbenzene	12.48	105	1011622	50.711	ug/l	100
74) N-amyl acetate	12.30	43	223537	54.735	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	183250	52.260	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	229192	95.768	ug/l #	100
77) Bromobenzene	12.77	156	255783	51.608	ug/l	98
78) n-propylbenzene	12.83	91	1213196	51.256	ug/l	99
79) 2-Chlorotoluene	12.91	91	671651	50.350	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	839755	51.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	57480	50.685	ug/l	96
82) 4-Chlorotoluene	13.01	91	717651	51.196	ug/l	100
83) tert-Butylbenzene	13.23	119	706978	50.955	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	842019	52.086	ug/l	99
85) sec-Butylbenzene	13.41	105	994690	50.225	ug/l	99
86) p-Isopropyltoluene	13.53	119	924973	51.183	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	474734	49.821	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	465199	49.079	ug/l	100
89) n-Butylbenzene	13.85	91	842414	50.422	ug/l	100
90) Hexachloroethane	14.12	117	182438	49.020	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	417455	51.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27257	51.040	ug/l	98

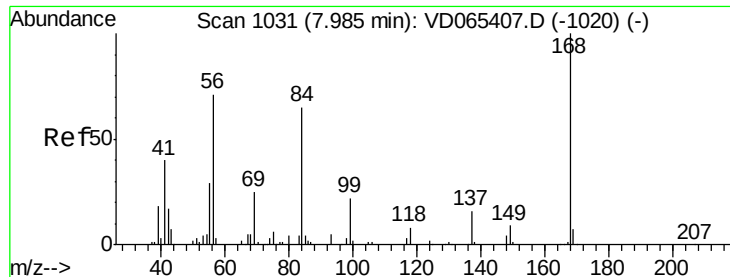
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	283188	51.527	ug/l	98
94) Hexachlorobutadiene	15.28	225	174232	48.247	ug/l	99
95) Naphthalene	15.41	128	478820	48.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	247551	52.125	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

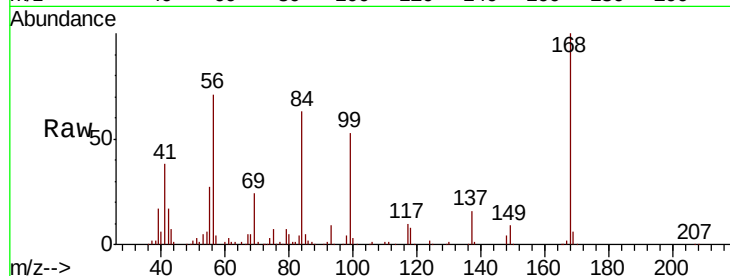
ClientSampleId :

Tot Ion:168 Resp: 448397

Ion Ratio Lower Upper

168 100

99 52.4 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

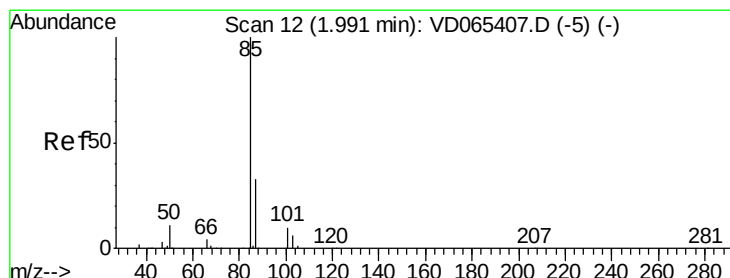
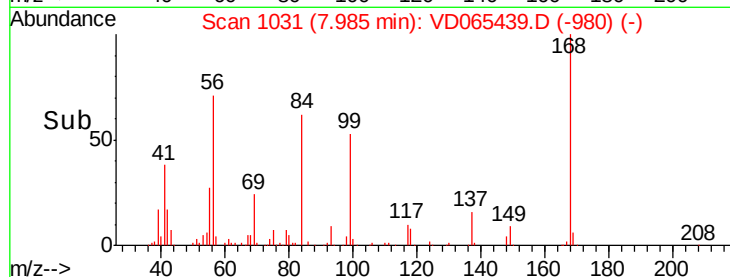
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.206 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065439.D

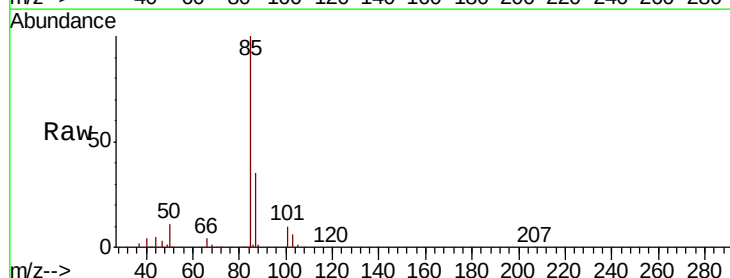
Acq: 05 Mar 2020 18:59

Tgt Ion: 85 Resp: 166500

Ion Ratio Lower Upper

85 100

87 34.5 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

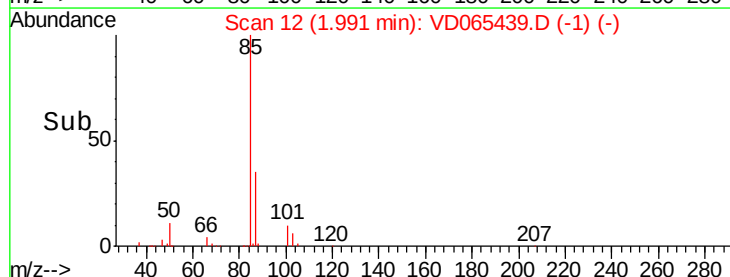
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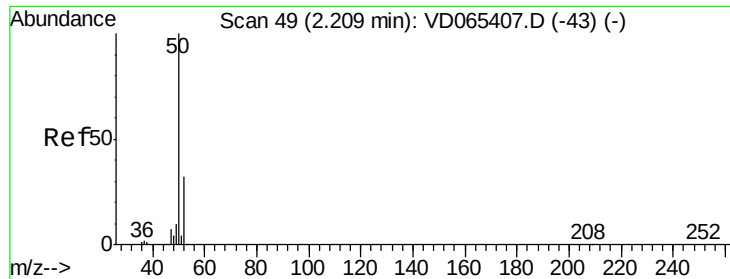
50000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 45.445 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

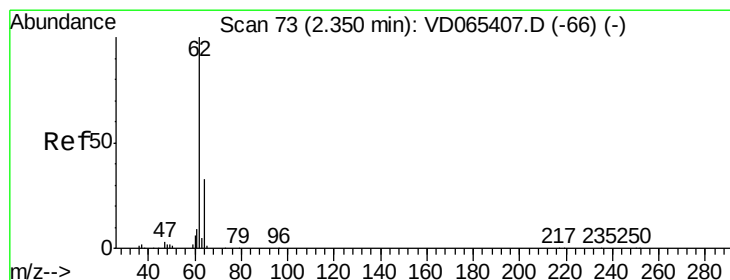
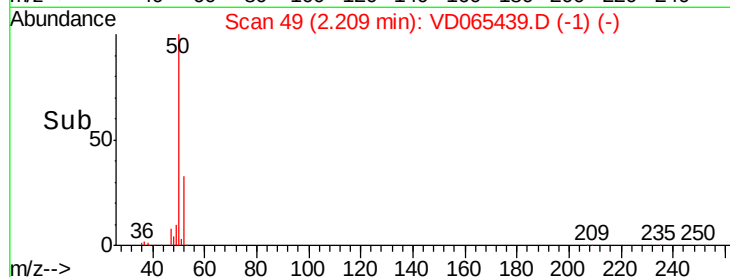
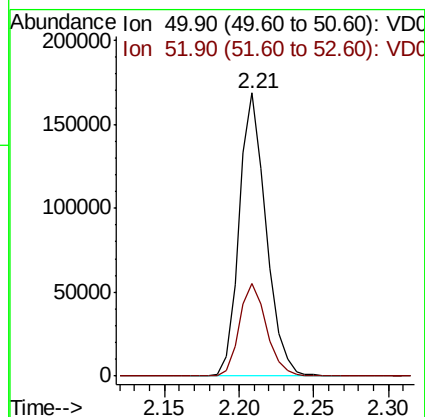
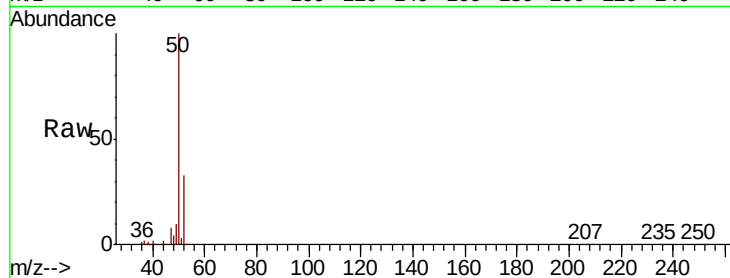
ClientSampleId :

Tot Ion: 50 Resp: 211437

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.8



#4

Vinyl Chloride

Concen: 46.554 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065439.D

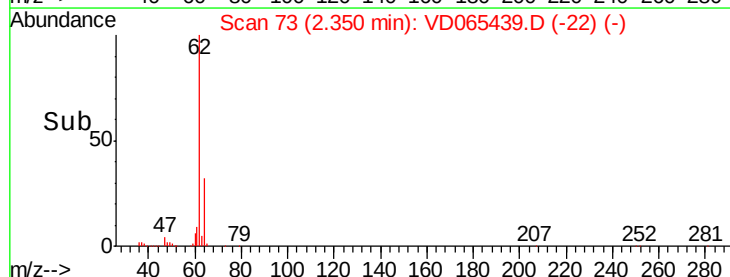
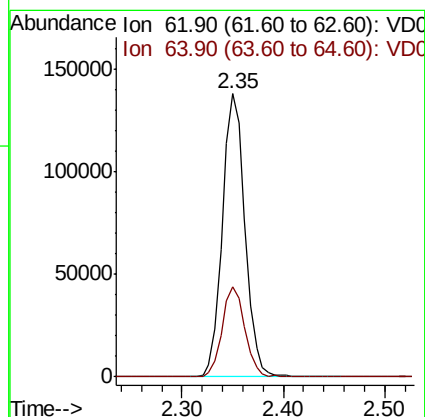
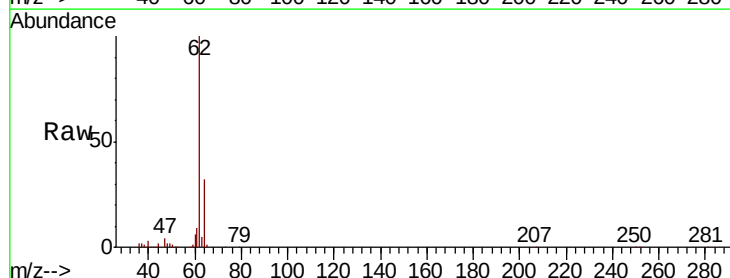
Acq: 05 Mar 2020 18:59

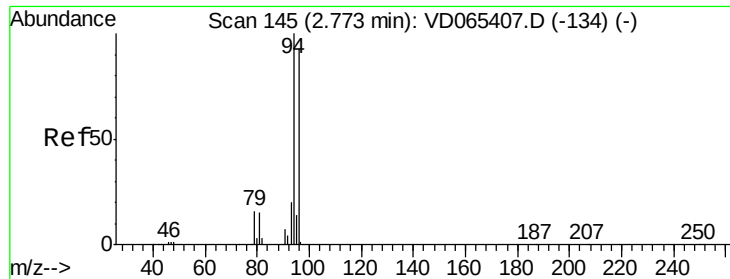
Tgt Ion: 62 Resp: 213638

Ion Ratio Lower Upper

62 100

64 31.7 26.6 39.8





#5

Bromomethane

Concen: 54.692 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

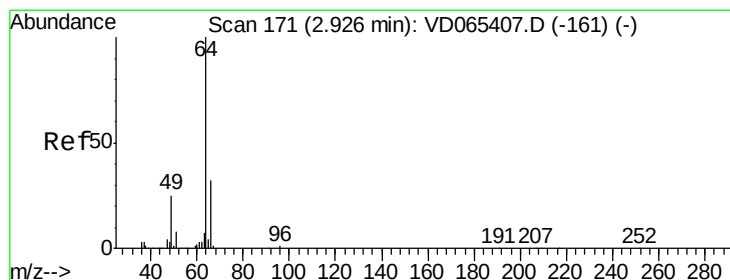
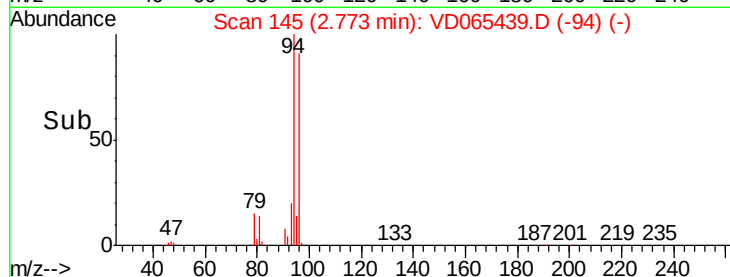
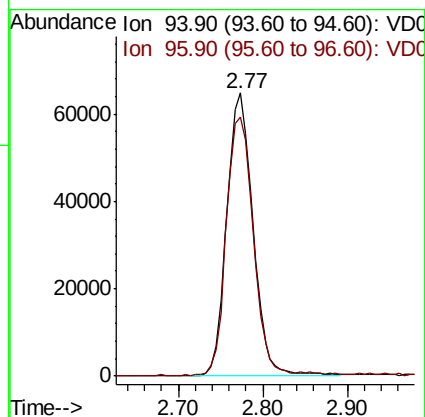
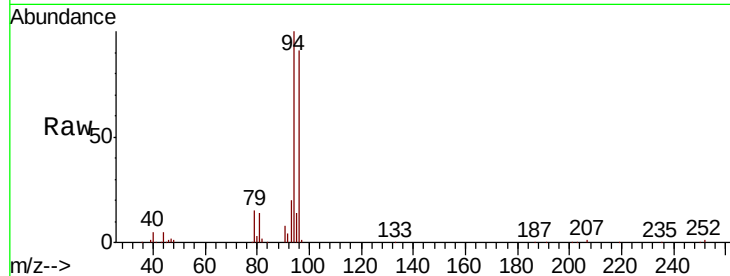
ClientSampleId :

Tot Ion: 94 Resp: 139481

Ion Ratio Lower Upper

94 100

96 91.3 74.4 111.6



#6

Chloroethane

Concen: 47.653 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065439.D

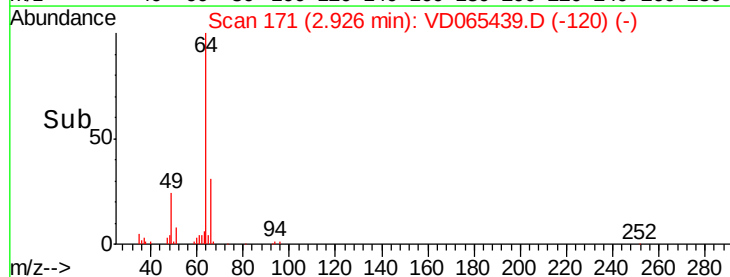
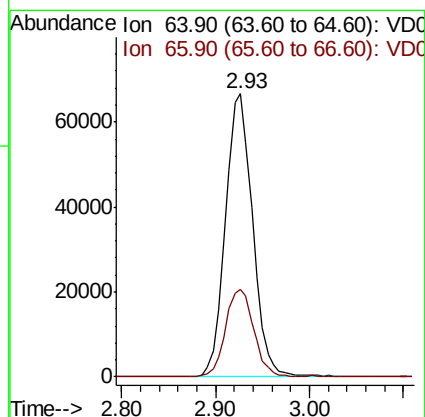
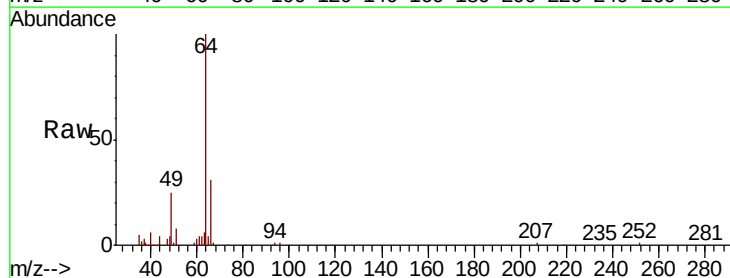
Acq: 05 Mar 2020 18:59

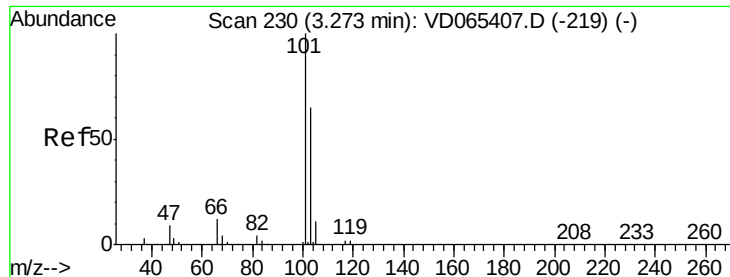
Tgt Ion: 64 Resp: 133933

Ion Ratio Lower Upper

64 100

66 30.9 25.6 38.4



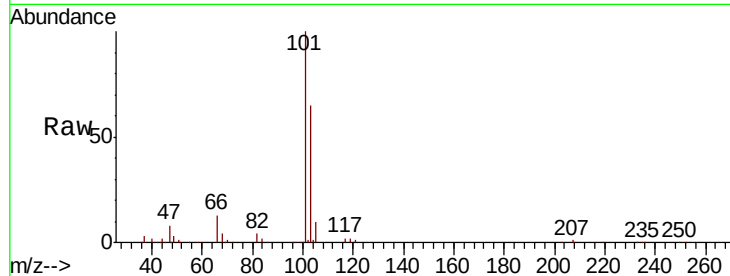


#7

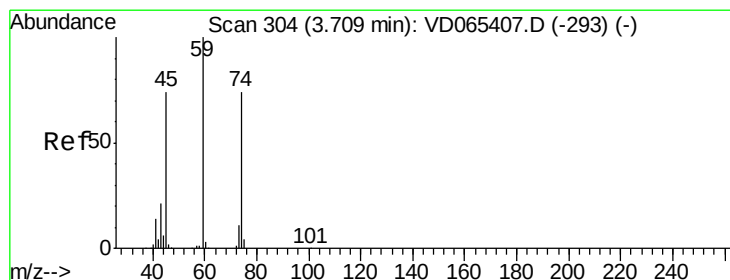
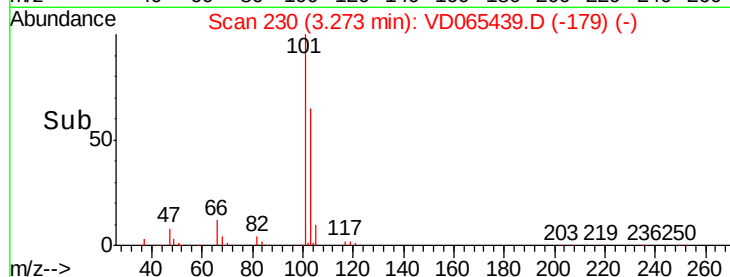
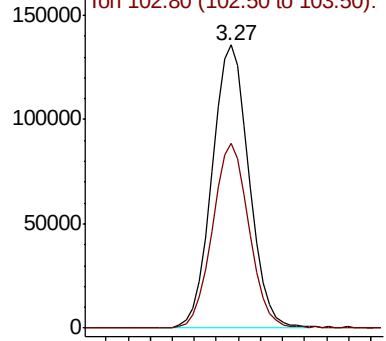
Trichlorofluoromethane
 Concen: 47.196 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 319134
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.1 78.1



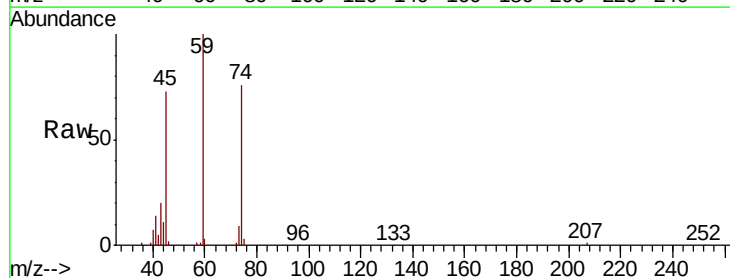
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



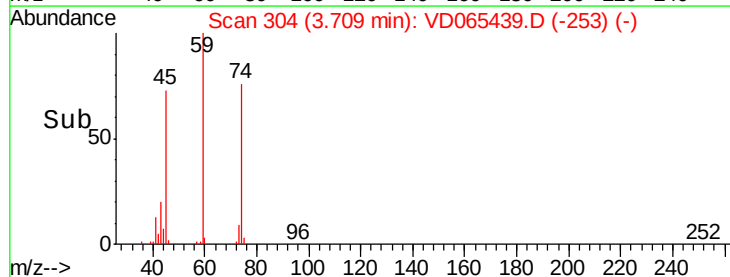
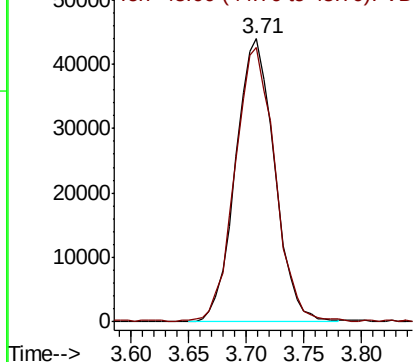
#8

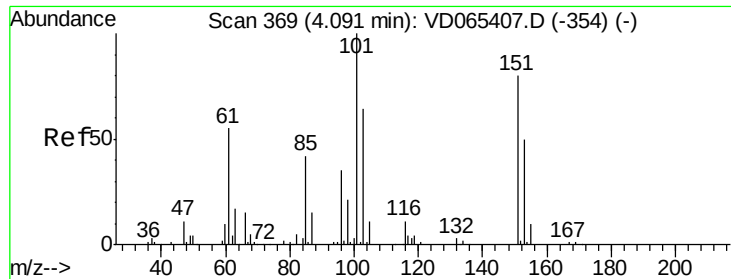
Diethyl Ether
 Concen: 51.278 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Tgt Ion: 74 Resp: 103114
 Ion Ratio Lower Upper
 74 100
 45 99.9 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.041 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

ClientSampleId :

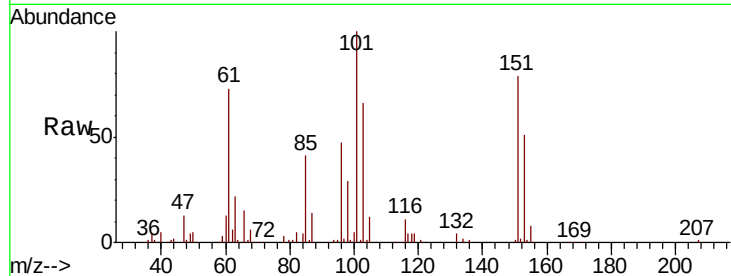
Tot Ion:101 Resp: 204864

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.2

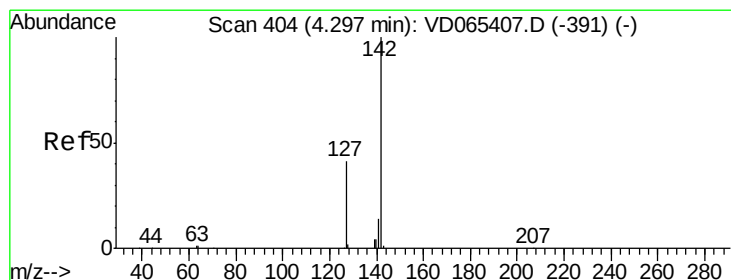
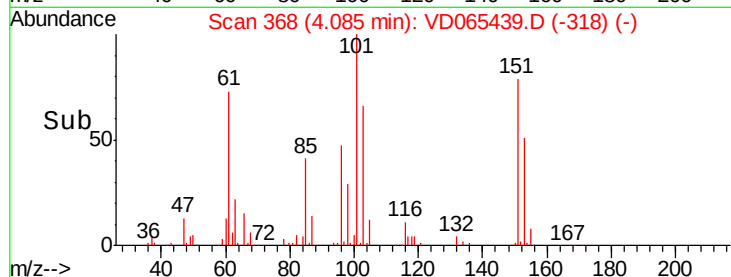
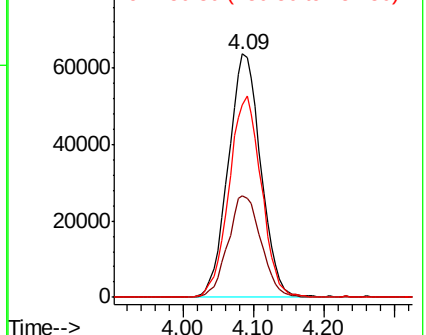
151 81.8 65.1 97.7



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: 51.331 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

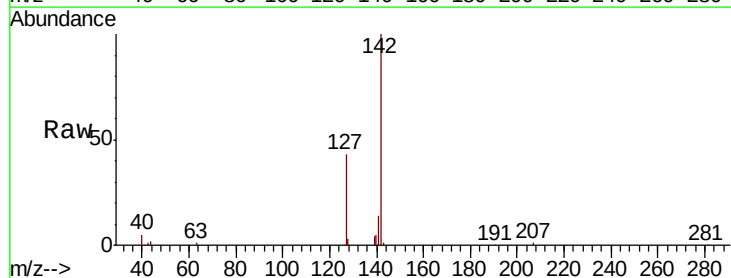
Tgt Ion:142 Resp: 232244

Ion Ratio Lower Upper

142 100

127 42.6 35.0 52.6

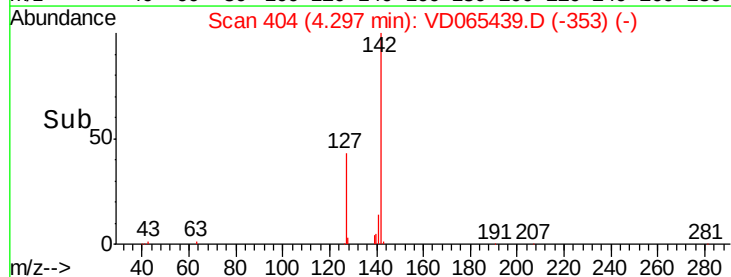
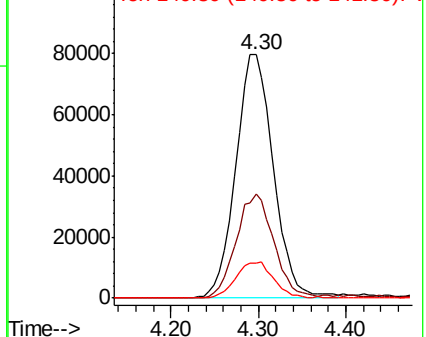
141 15.1 12.4 18.6

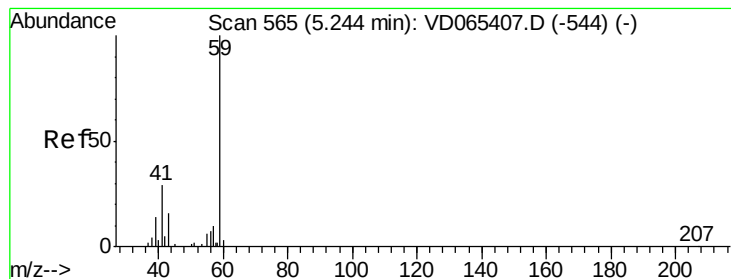


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



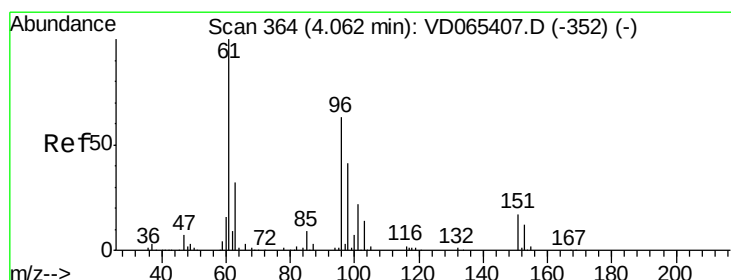
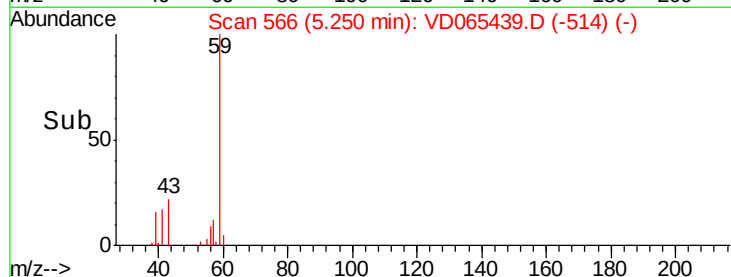
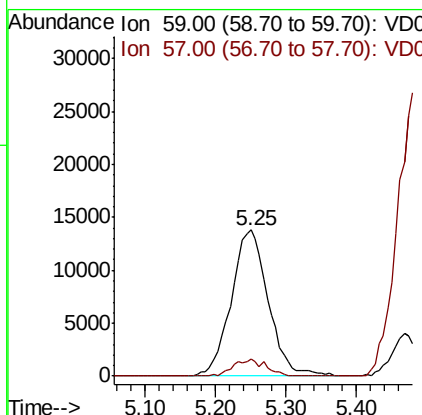
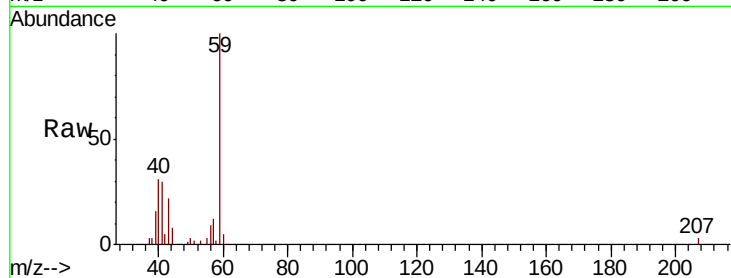


#11

Tert butyl alcohol
Concen: 228.161 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Instrument :
MSVOA_D
ClientSampled :

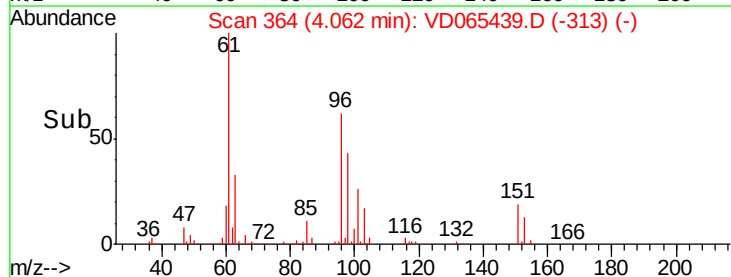
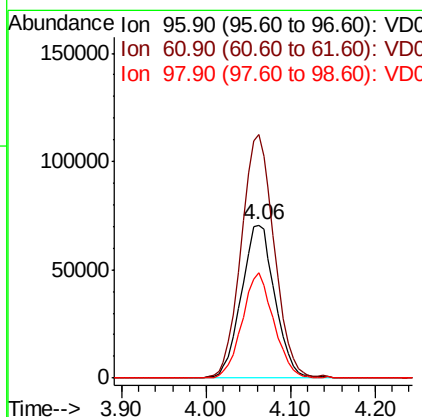
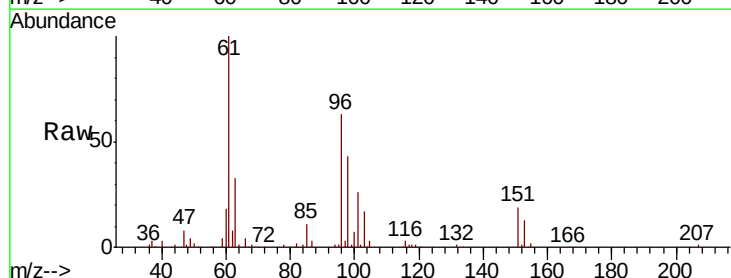
Tot Ion: 59 Resp: 50338
Ion Ratio Lower Upper
59 100
57 10.0 6.9 10.3

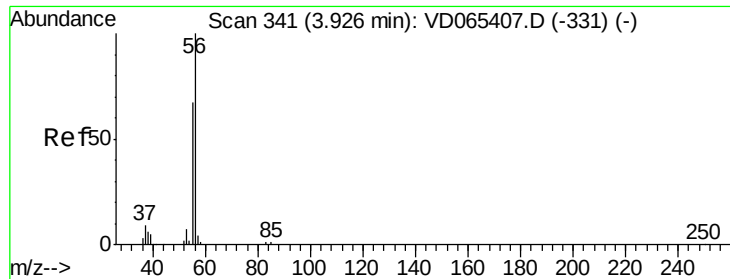


#12

1,1-Dichloroethene
Concen: 46.678 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion: 96 Resp: 194653
Ion Ratio Lower Upper
96 100
61 159.4 128.0 192.0
98 68.8 51.9 77.9

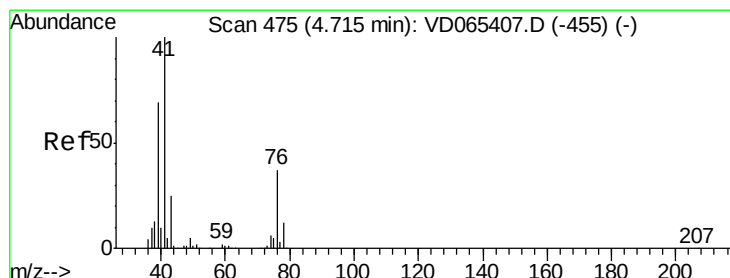
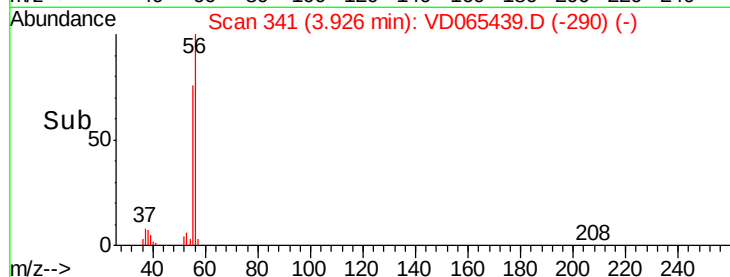
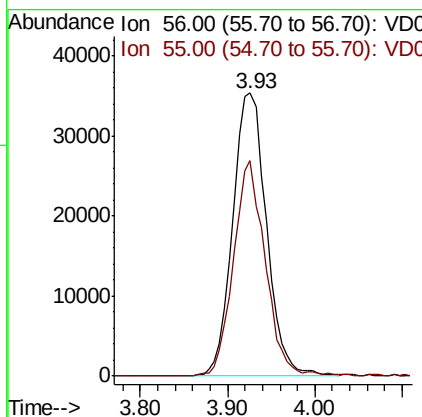
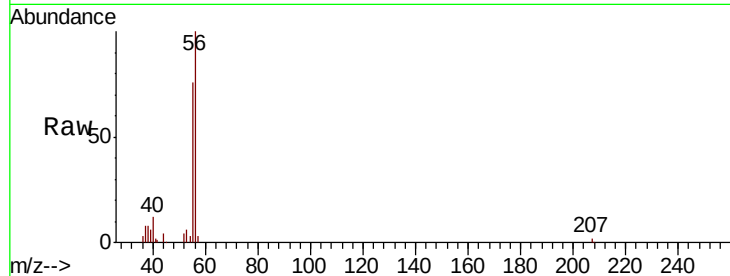




#13
 Acrolein
 Concen: 243.465 ug/l
 RT: 3.93 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

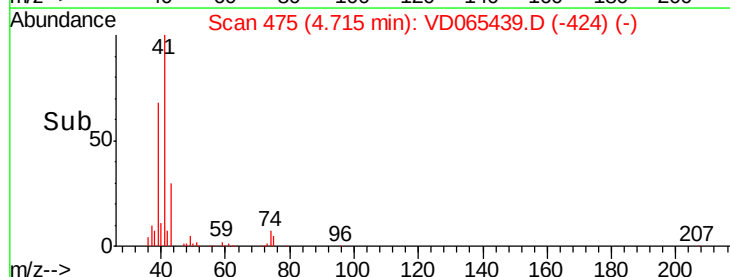
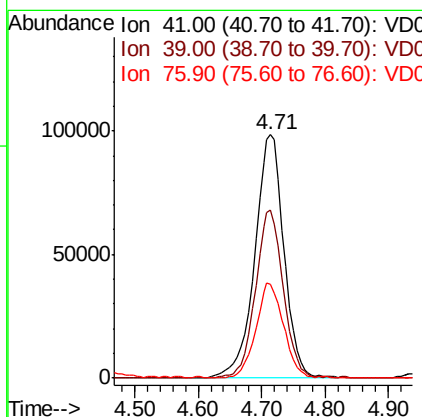
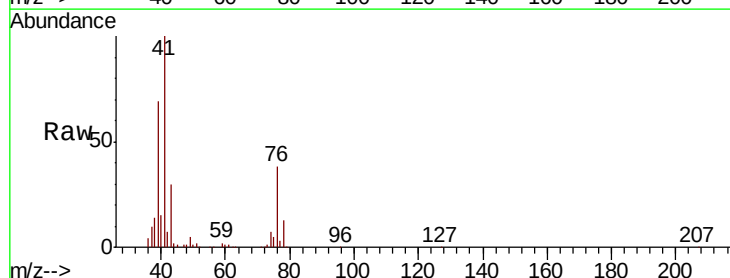
Instrument :
 MSVOA_D
 ClientSampleId :

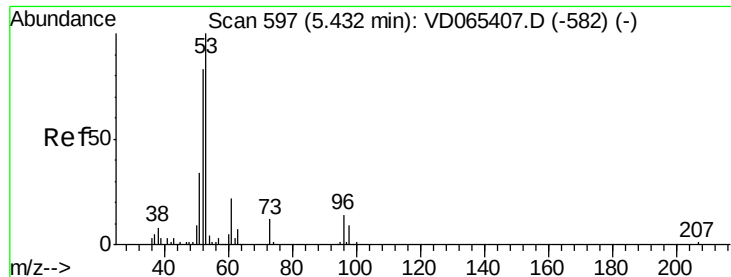
Tot Ion: 56 Resp: 92637
 Ion Ratio Lower Upper
 56 100
 55 71.7 56.6 85.0



#14
 Allyl chloride
 Concen: 49.300 ug/l
 RT: 4.71 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Tgt Ion: 41 Resp: 315820
 Ion Ratio Lower Upper
 41 100
 39 66.1 52.6 79.0
 76 37.3 29.2 43.8





#15

Acrylonitrile

Concen: 267.226 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

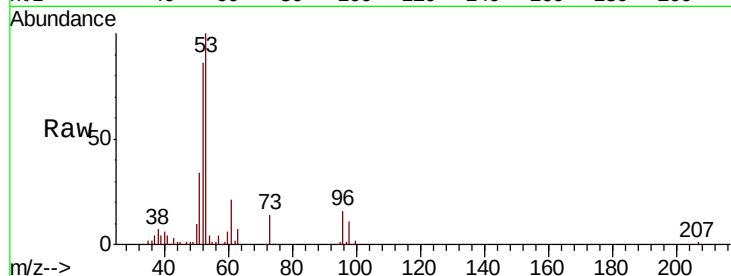
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 53 Resp: 233773

Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.1	97.7
51	36.0	28.5	42.7

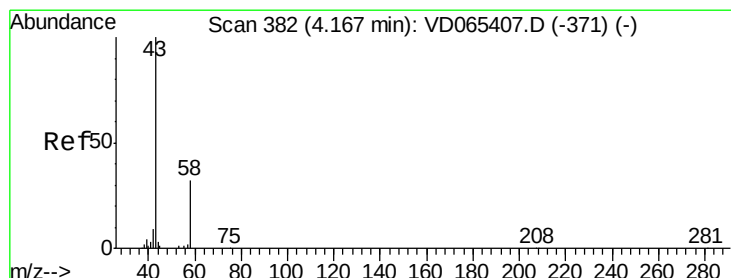
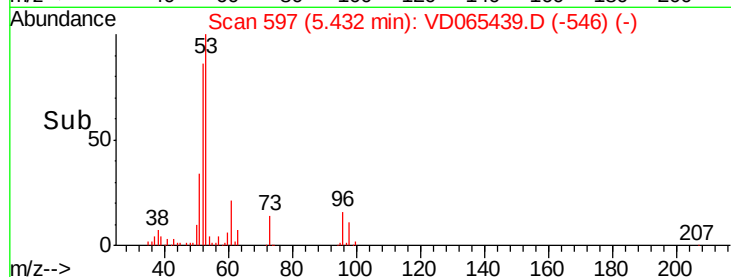
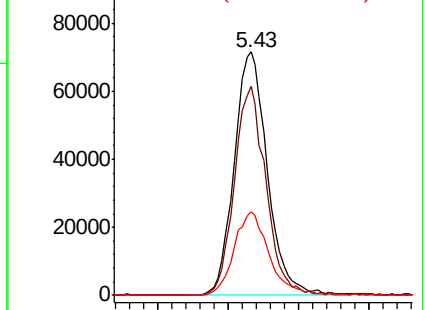


Abundance

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: 232.296 ug/l

RT: 4.17 min Scan# 382

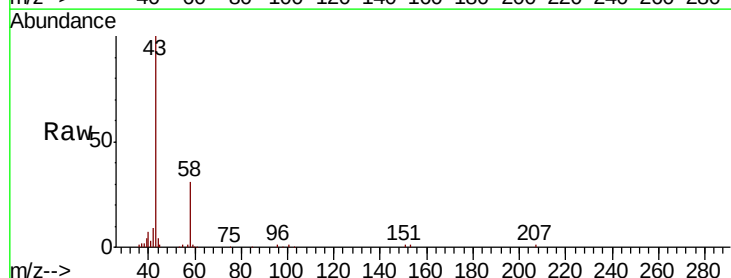
Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Tgt Ion: 43 Resp: 180700

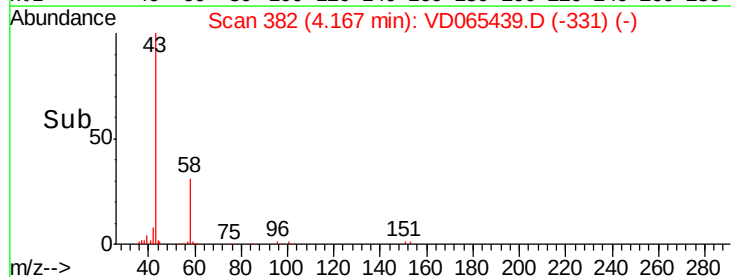
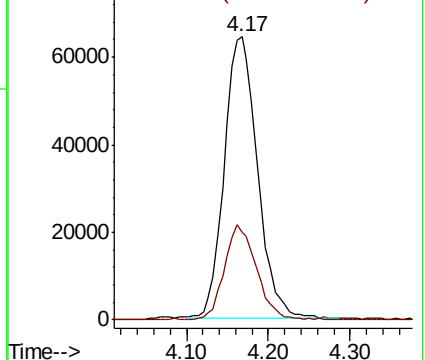
Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.1	37.7

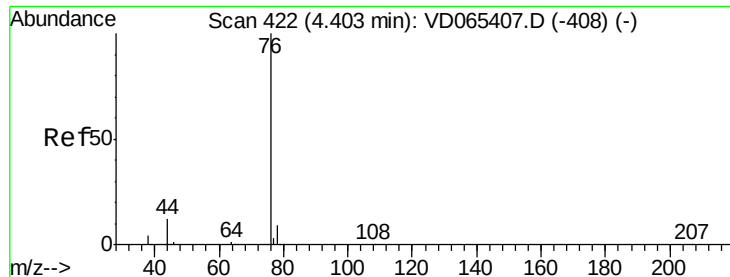


Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 46.795 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

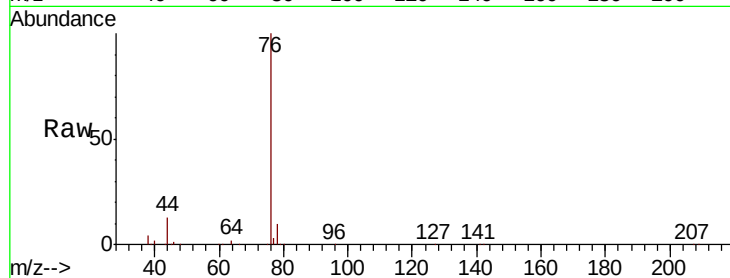
ClientSampleId :

Tot Ion: 76 Resp: 649859

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

250000

200000

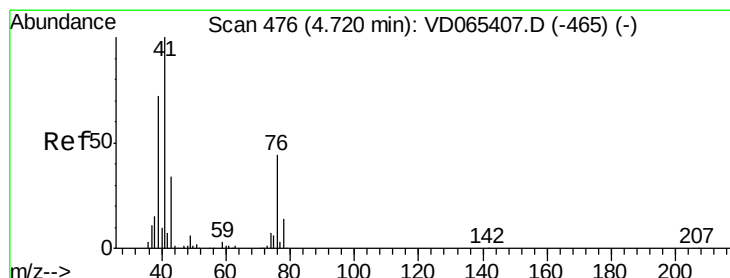
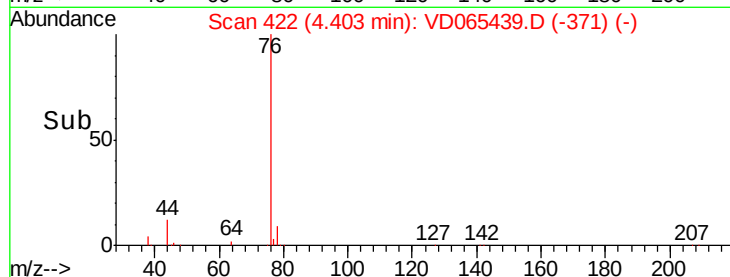
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.479 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD065439.D

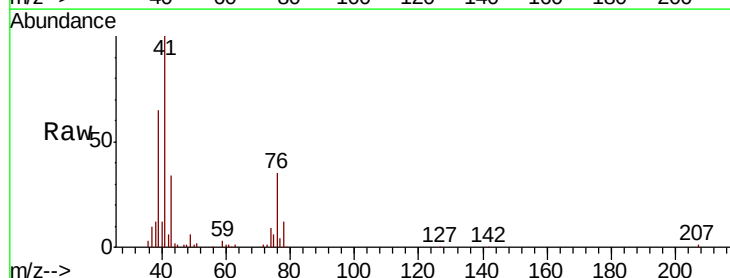
Acq: 05 Mar 2020 18:59

Tgt Ion: 43 Resp: 101580

Ion Ratio Lower Upper

43 100

74 25.0 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

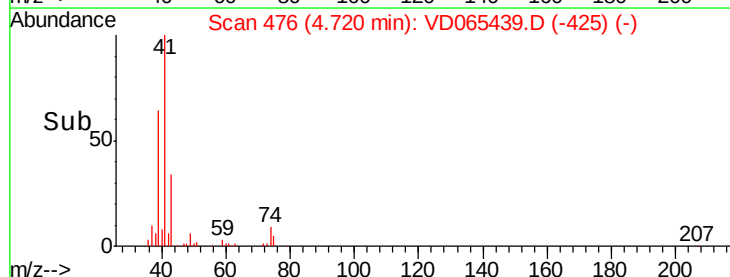
30000

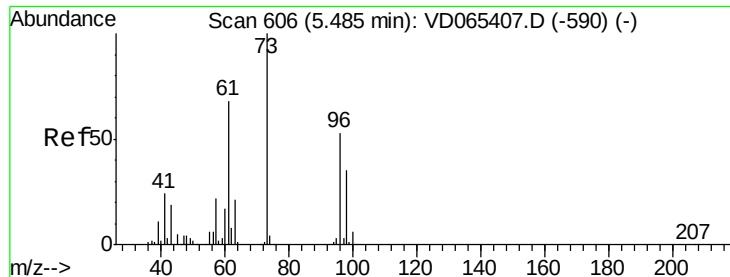
20000

10000

0

Time-->



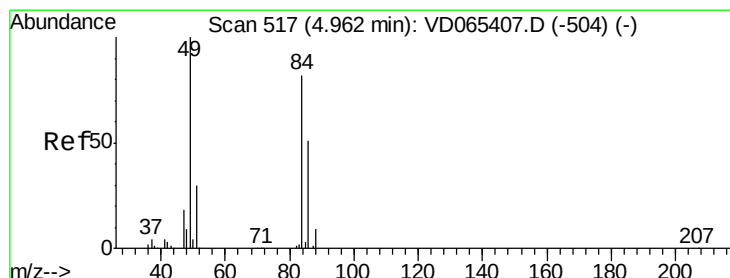
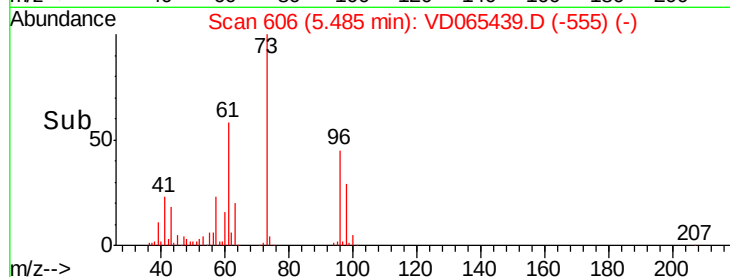
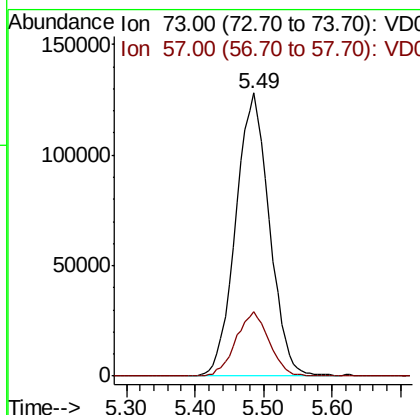
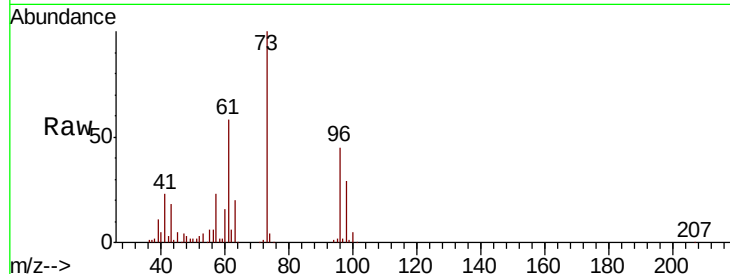


#19

Methyl tert-butyl Ether
 Concen: 54.620 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Instrument :
 MSVOA_D
 ClientSampled :

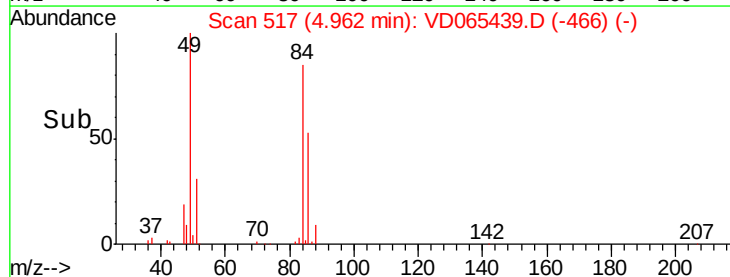
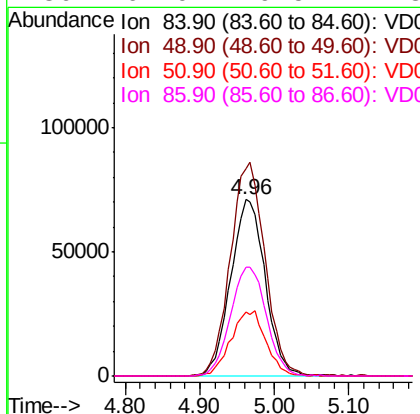
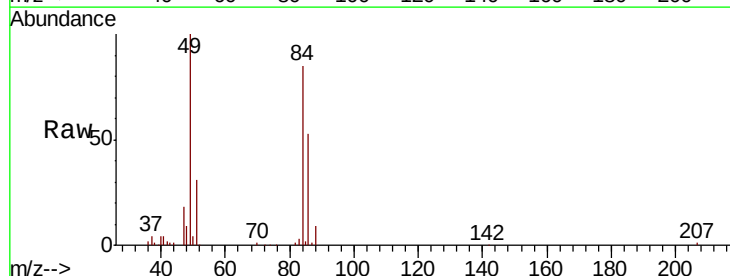
Tot Ion: 73 Resp: 438024
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.3 25.9

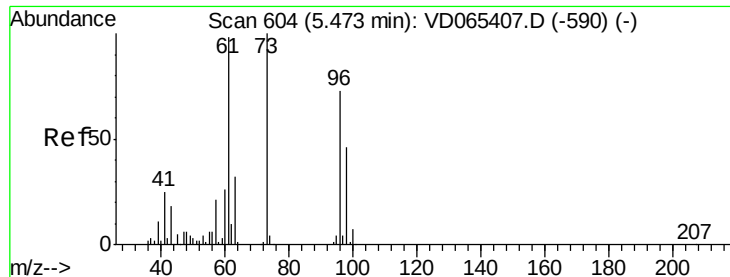


#20

Methylene Chloride
 Concen: 54.351 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Tgt Ion: 84 Resp: 228328
 Ion Ratio Lower Upper
 84 100
 49 117.5 97.7 146.5
 51 36.4 28.8 43.2
 86 62.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 49.757 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :
MSVOA_D
ClientSampled :

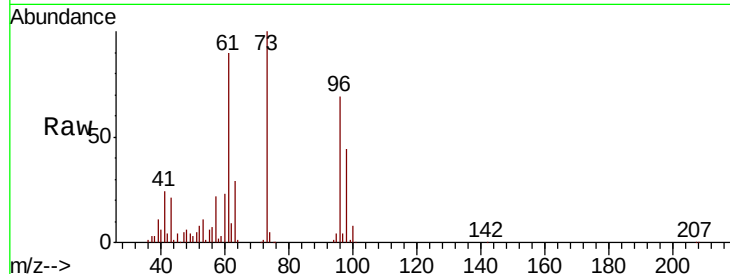
Tot Ion: 96 Resp: 230820

Ion Ratio Lower Upper

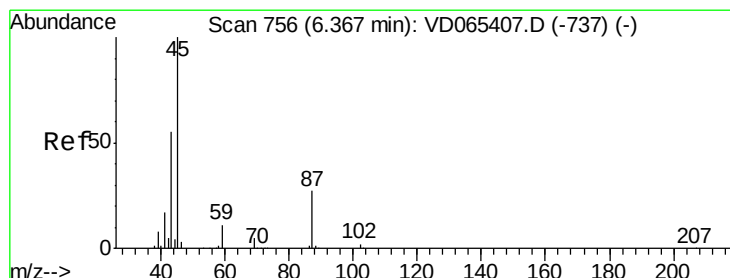
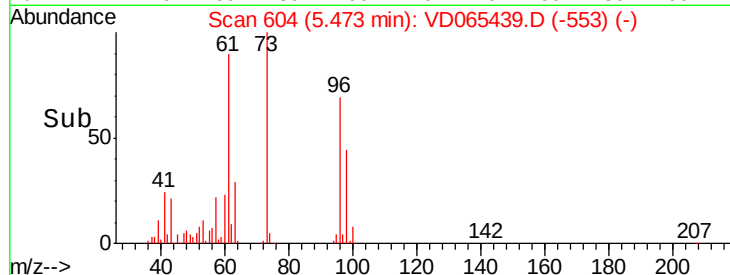
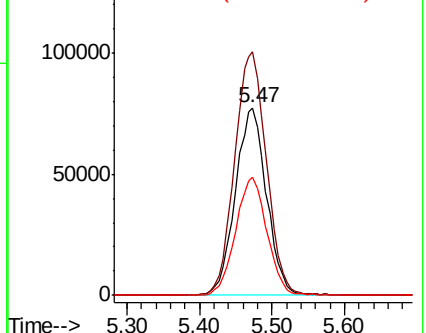
96 100

61 129.8 106.3 159.5

98 63.1 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: 54.992 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Tgt Ion: 45 Resp: 654879

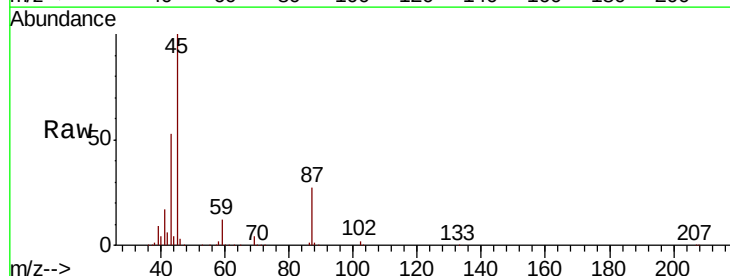
Ion Ratio Lower Upper

45 100

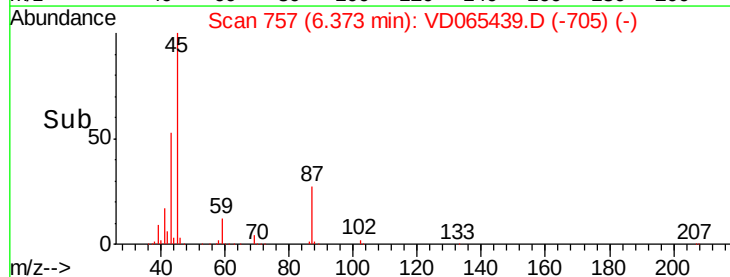
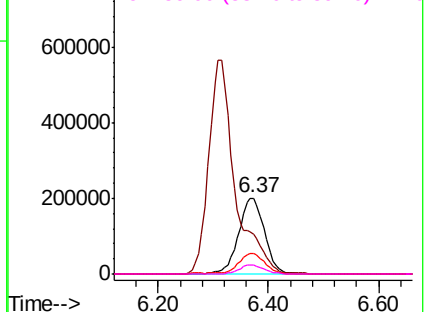
43 52.5 44.4 66.6

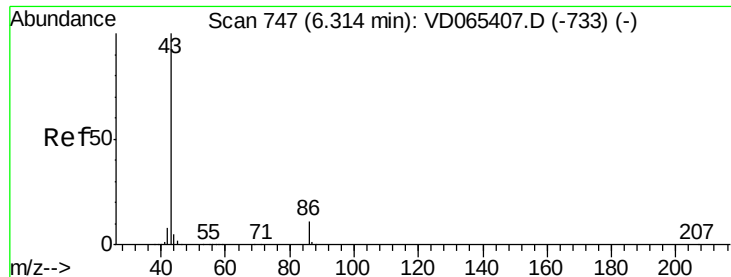
87 26.6 21.9 32.9

59 12.2 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: 282.580 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

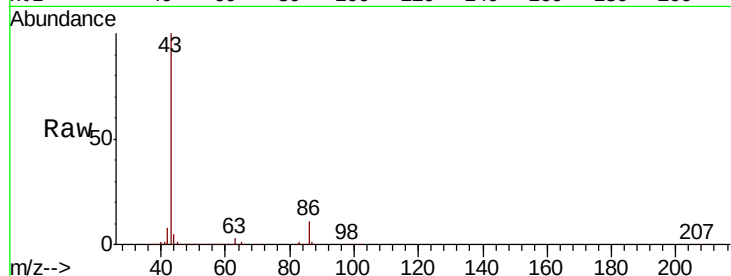
ClientSampleId :

Tot Ion: 43 Resp: 1868476

Ion Ratio Lower Upper

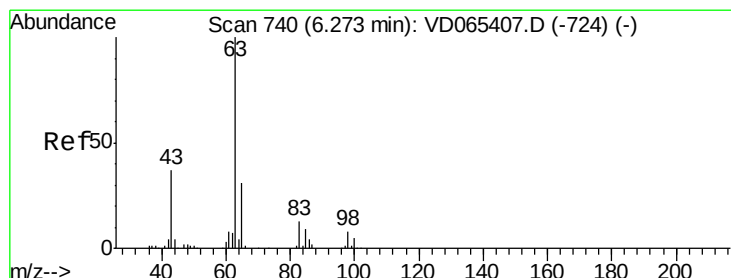
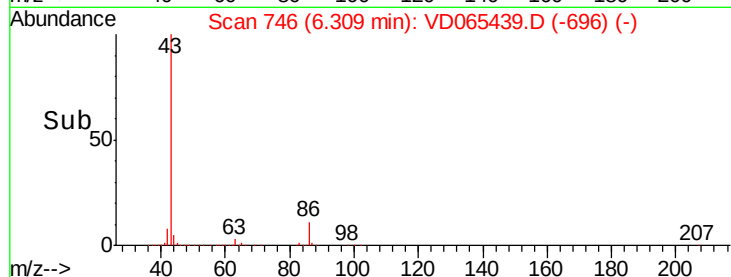
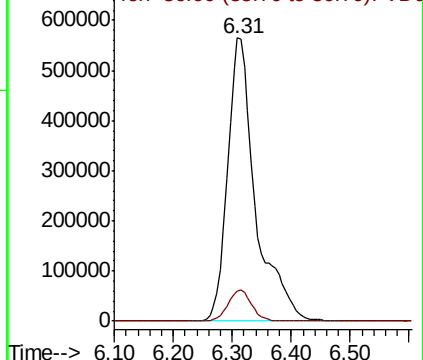
43 100

86 10.7 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: 50.600 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

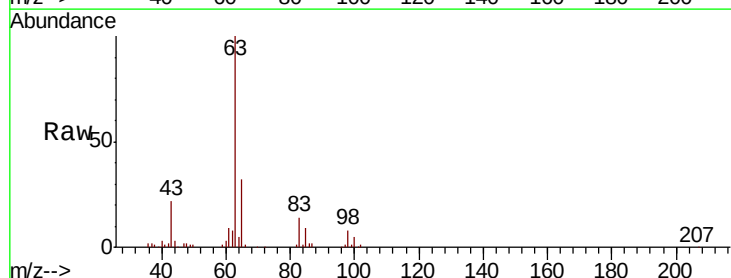
Tgt Ion: 63 Resp: 386497

Ion Ratio Lower Upper

63 100

98 7.7 4.2 12.6

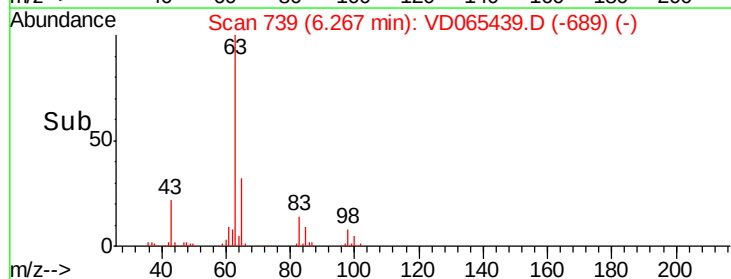
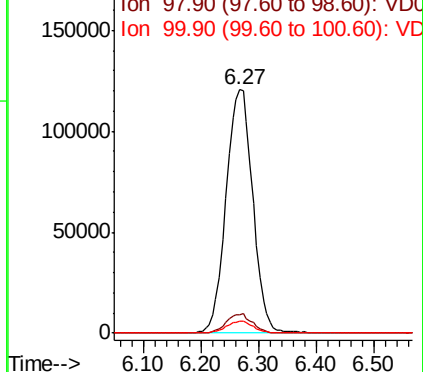
100 4.7 2.4 7.2

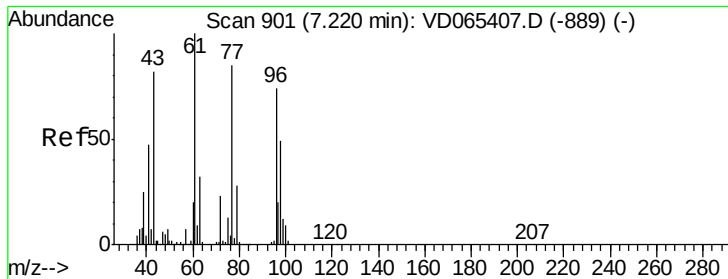


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 259.840 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

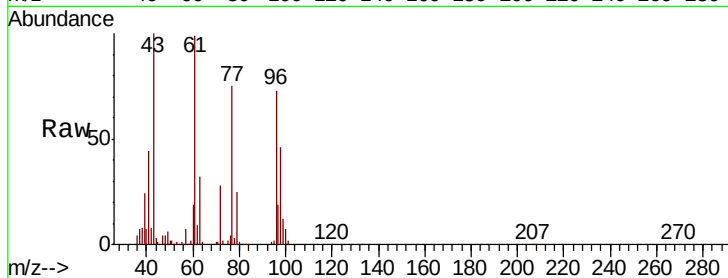
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 275832

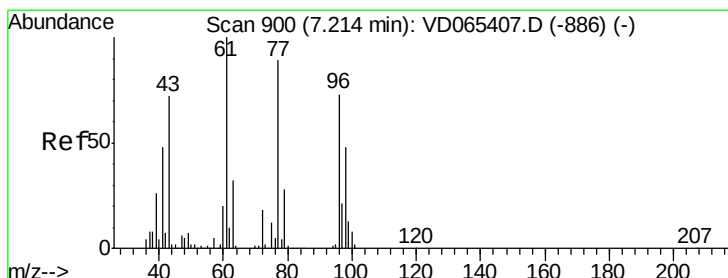
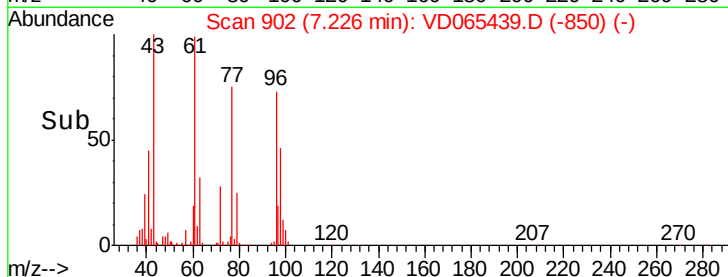
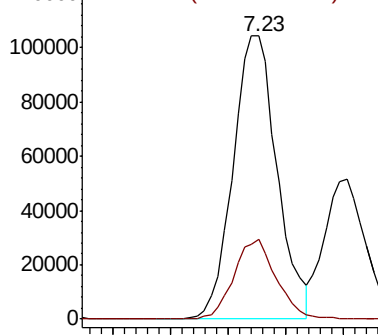
Ion Ratio Lower Upper

43 100

72 28.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 47.840 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065439.D

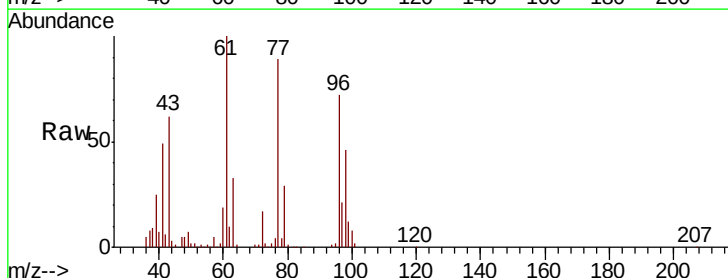
Acq: 05 Mar 2020 18:59

Tgt Ion: 77 Resp: 319334

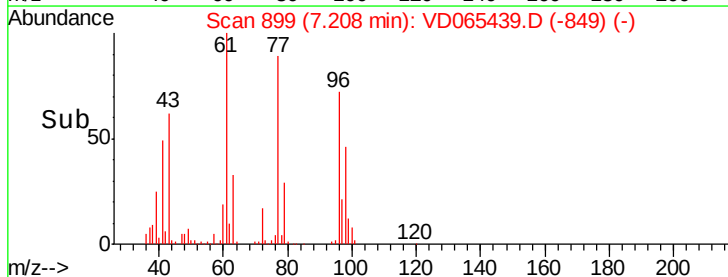
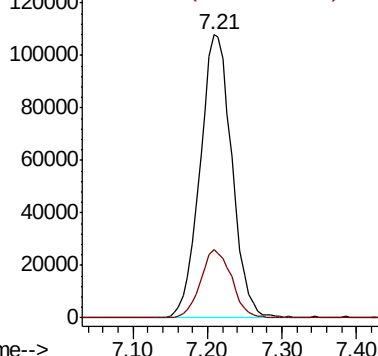
Ion Ratio Lower Upper

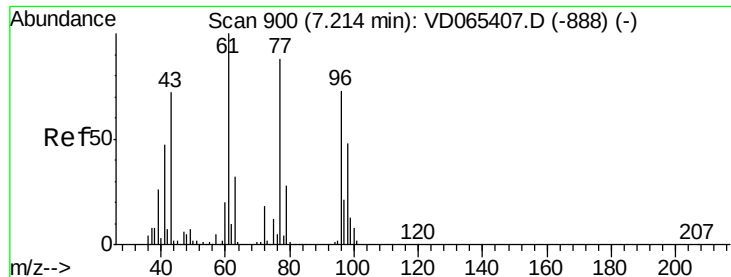
77 100

97 23.6 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VDC
Ion 96.90 (96.60 to 97.60): VDC



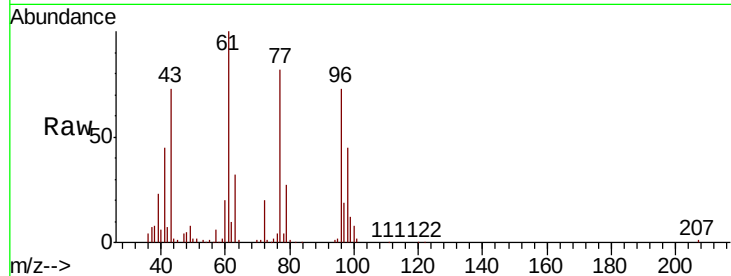


#27

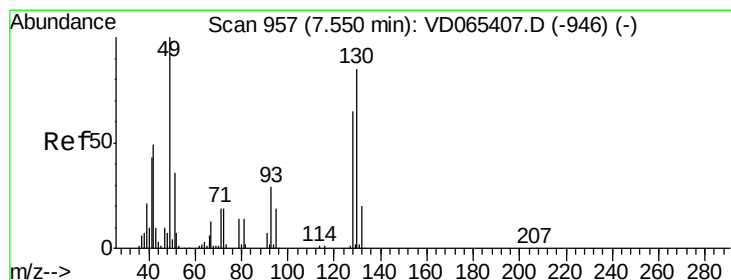
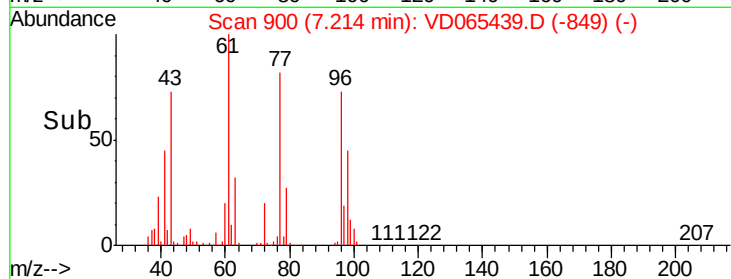
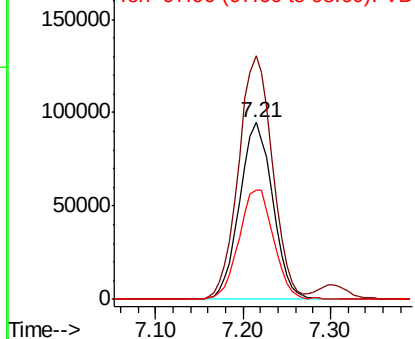
cis-1,2-Dichloroethene
Concen: 51.569 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 96 Resp: 244522
Ion Ratio Lower Upper
96 100
61 140.7 0.0 280.4
98 64.4 0.0 132.6



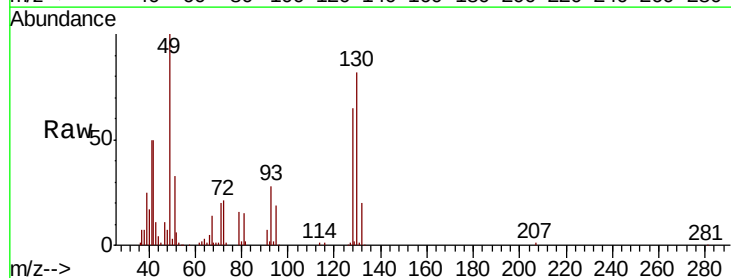
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



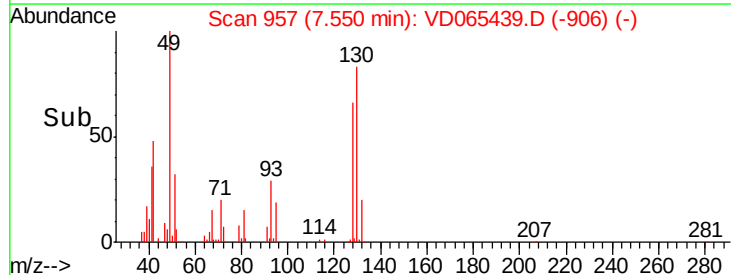
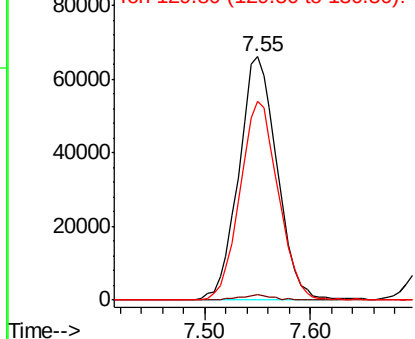
#28

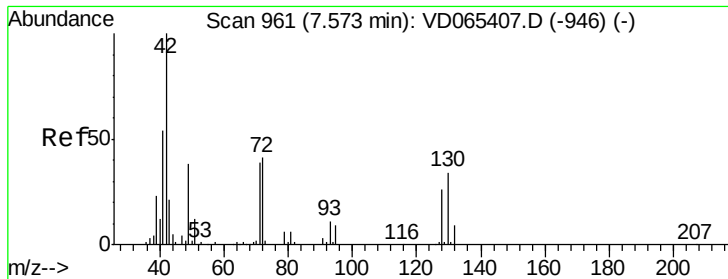
Bromochloromethane
Concen: 54.338 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion: 49 Resp: 166057
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 81.7 66.6 100.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC

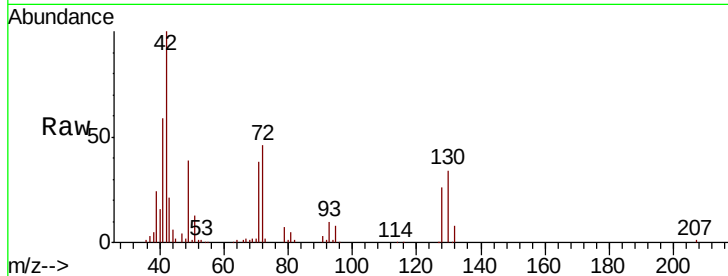




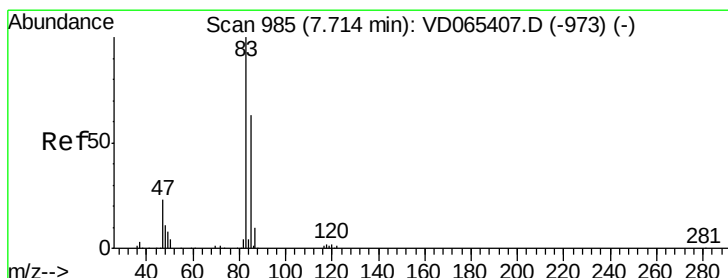
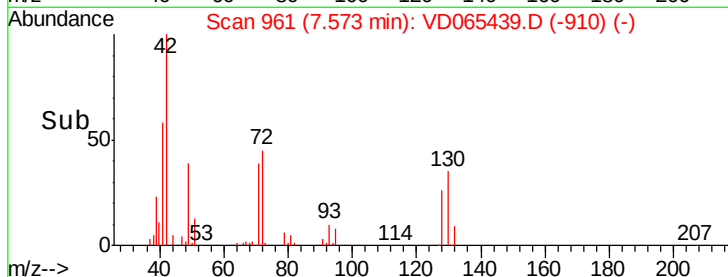
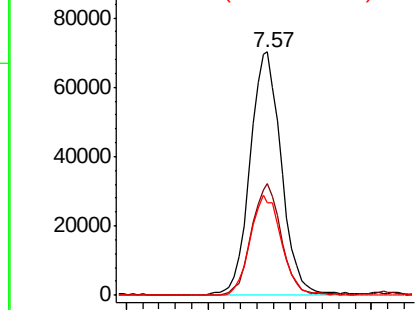
#29
Tetrahydrofuran
Concen: 276.513 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 42 Resp: 187452
Ion Ratio Lower Upper
42 100
72 43.6 33.0 49.6
71 40.8 32.0 48.0

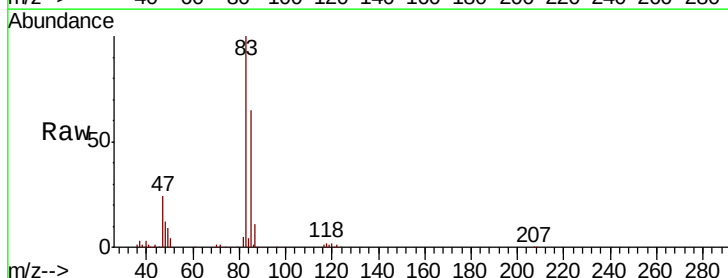


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

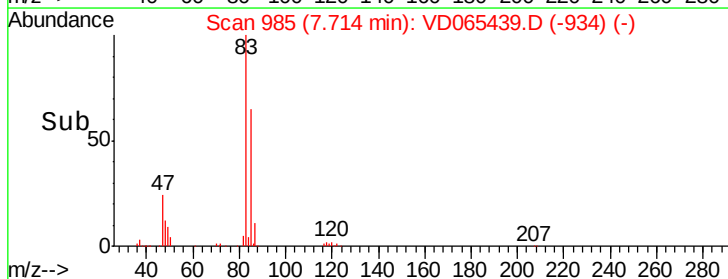
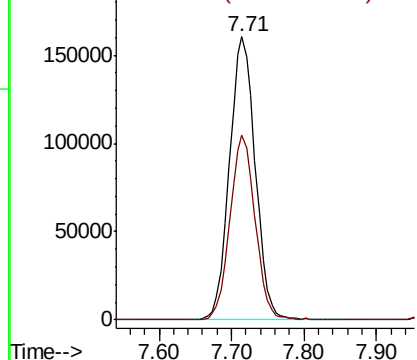


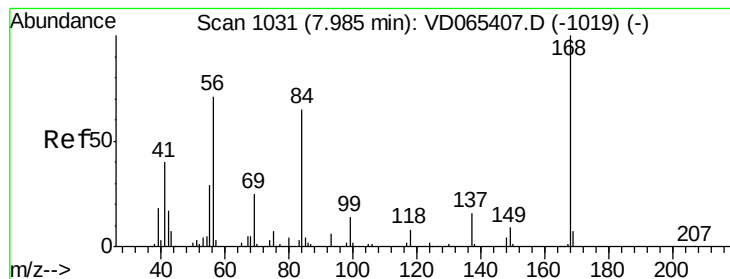
#30
Chloroform
Concen: 51.919 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion: 83 Resp: 396381
Ion Ratio Lower Upper
83 100
85 65.5 50.3 75.5



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





#31

Cyclohexane

Concen: 46.820 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

ClientSampleId :

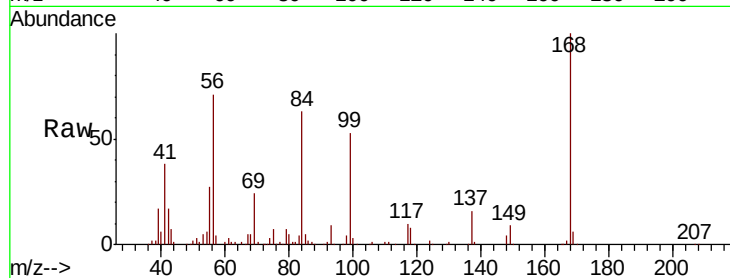
Tot Ion: 56 Resp: 357604

Ion Ratio Lower Upper

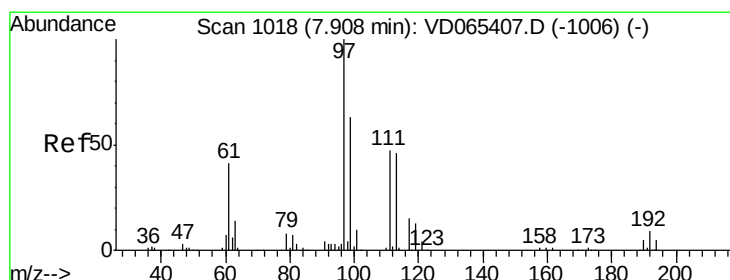
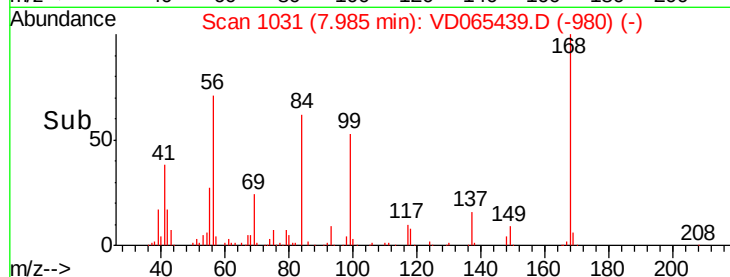
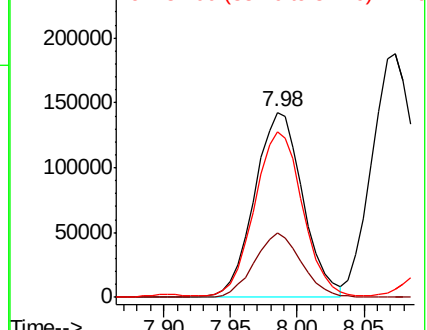
56 100

69 34.6 28.3 42.5

84 88.5 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: 49.181 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

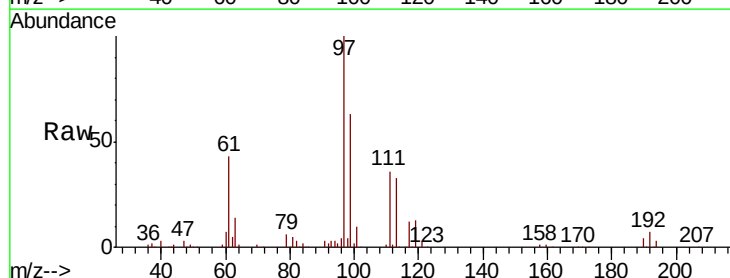
Tgt Ion: 97 Resp: 346992

Ion Ratio Lower Upper

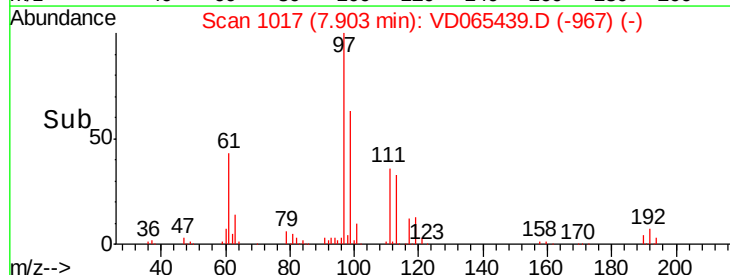
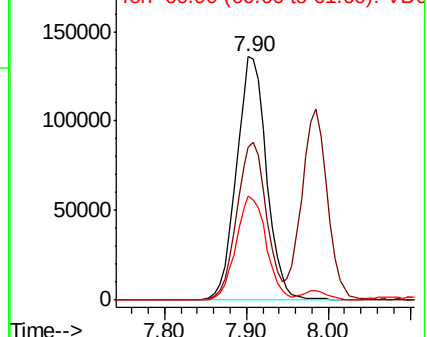
97 100

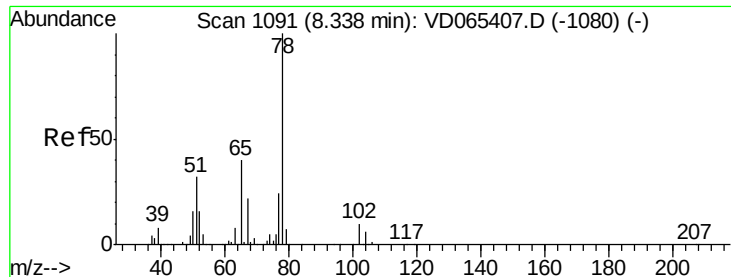
99 63.8 50.9 76.3

61 43.1 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

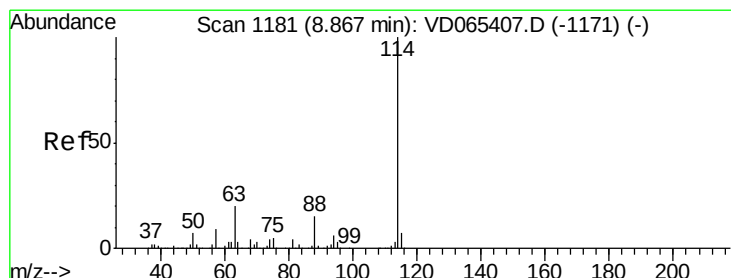
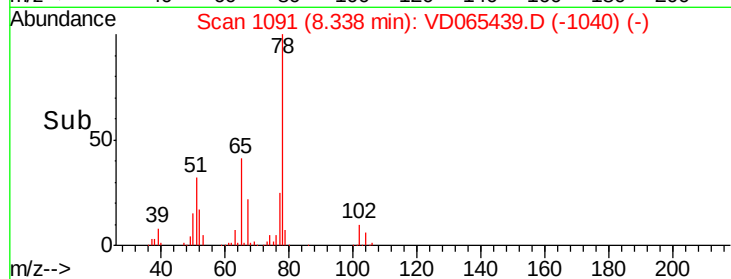
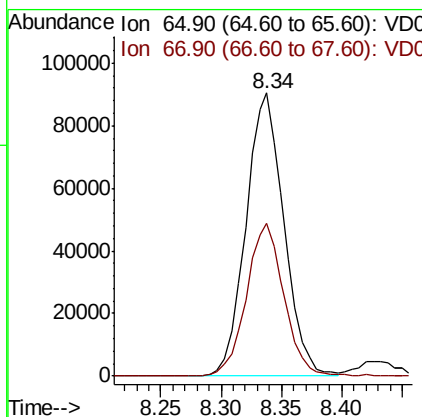
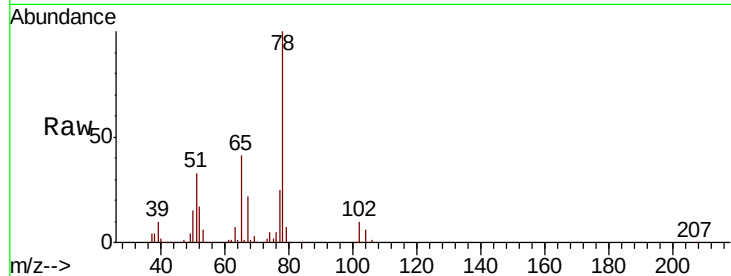




#33
 1,2-Dichloroethane-d4
 Concen: 51.496 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

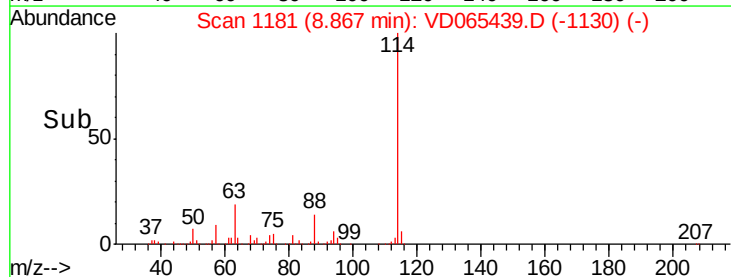
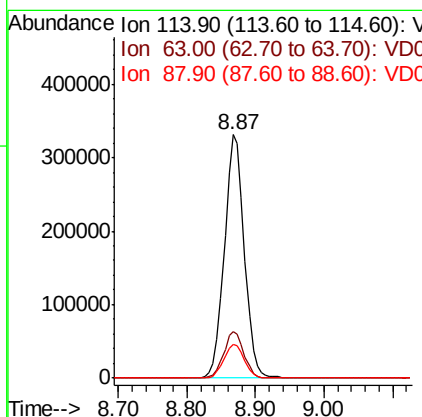
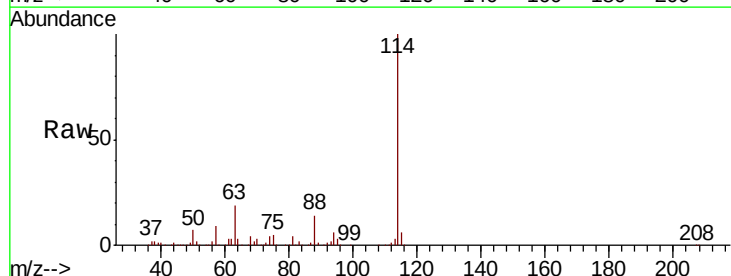
Instrument :
 MSVOA_D
 ClientSampled :

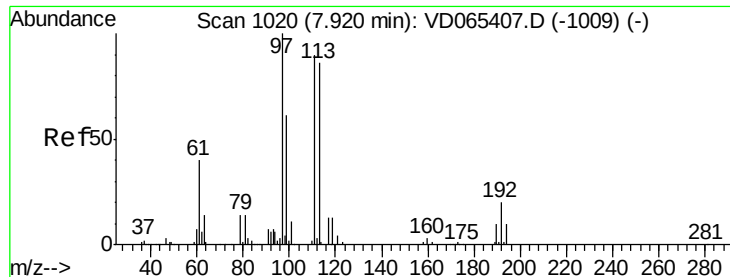
Tot Ion: 65 Resp: 198072
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Tgt Ion: 114 Resp: 666165
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 13.9 0.0 30.4

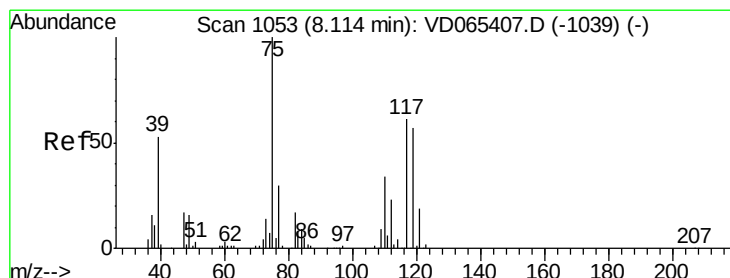
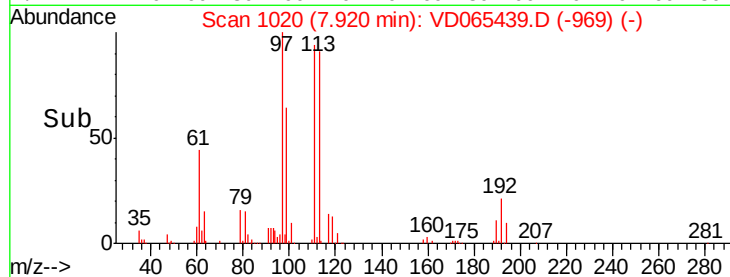
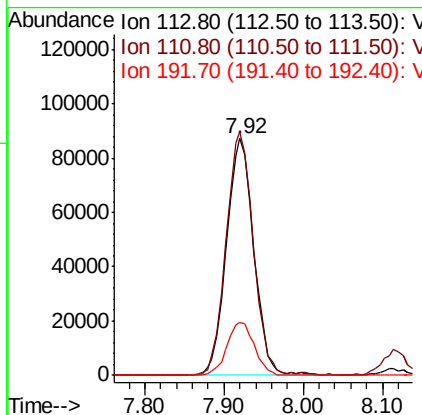
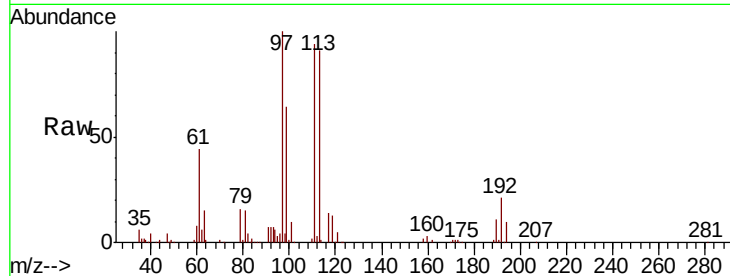




#35
 Dibromofluoromethane
 Concen: 50.310 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

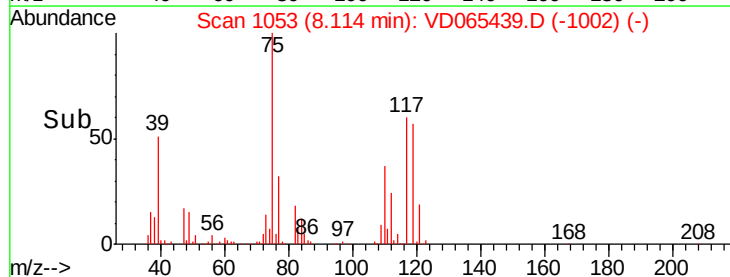
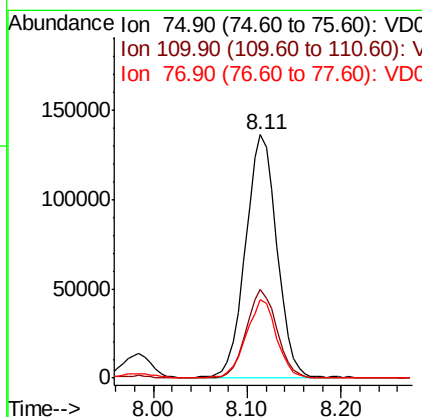
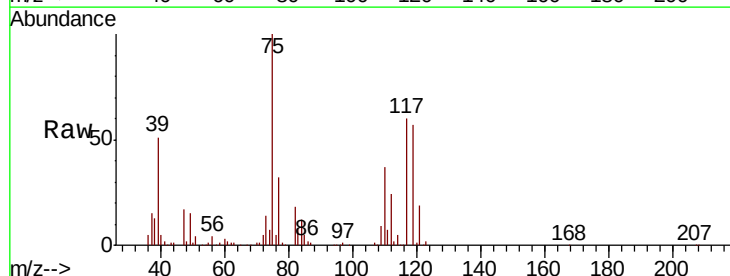
Instrument :
 MSVOA_D
 ClientSampleId :

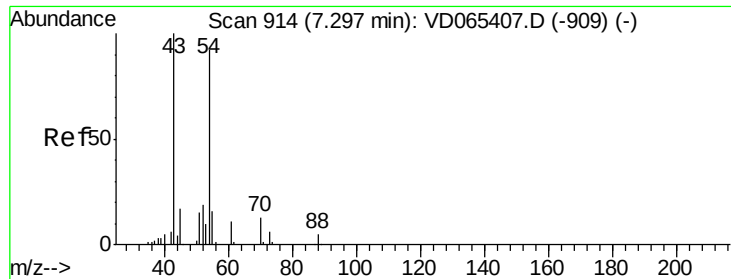
Tot Ion:113 Resp: 207257
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.1 123.1
 192 22.5 17.2 25.8



#36
 1,1-Dichloropropene
 Concen: 49.472 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Tgt Ion: 75 Resp: 315909
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.1 54.1
 77 31.4 25.2 37.8

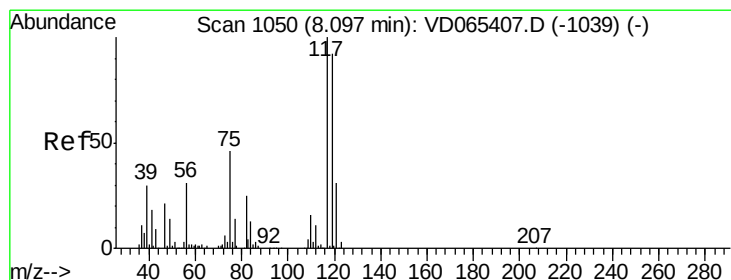
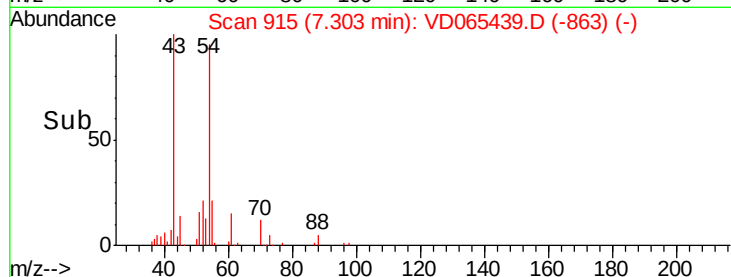
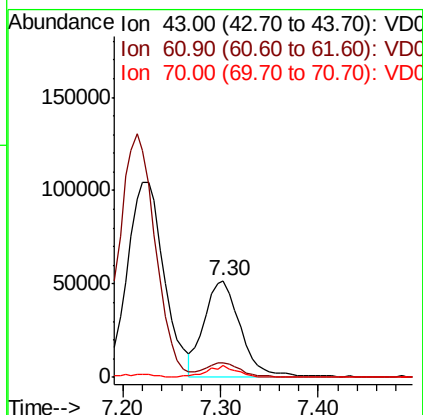
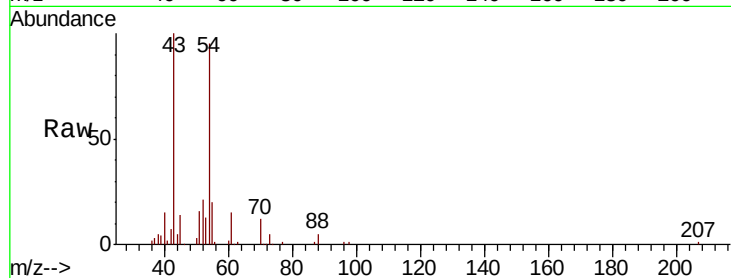




#37
Ethyl Acetate
Concen: 53.877 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

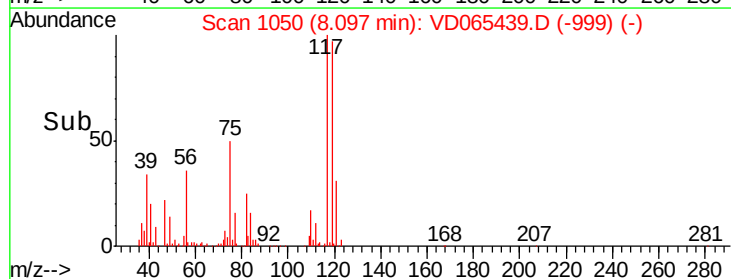
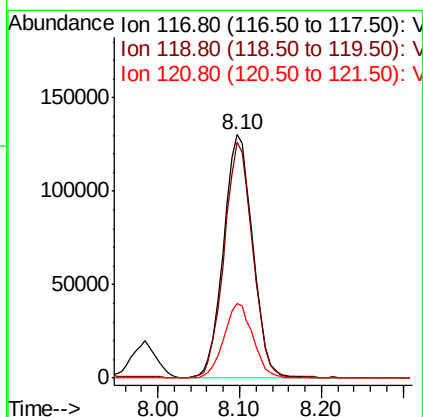
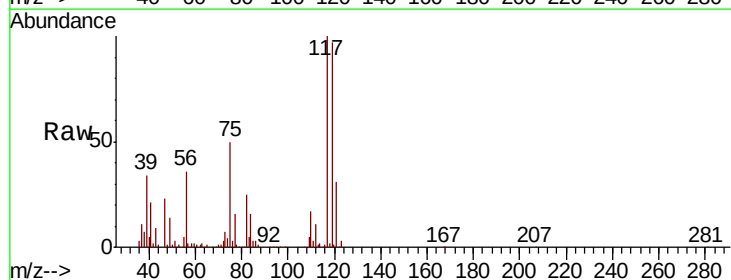
Instrument :
MSVOA_D
ClientSampleId :

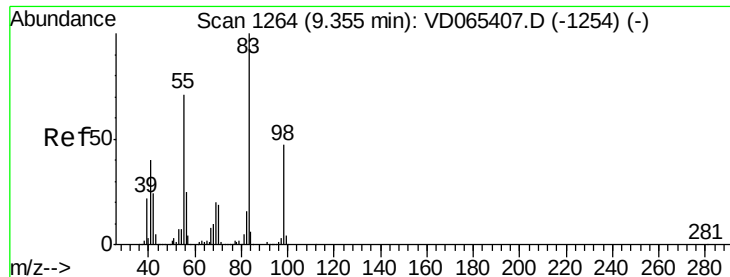
Tot Ion: 43 Resp: 132976
Ion Ratio Lower Upper
43 100
61 13.8 11.4 17.0
70 10.2 9.0 13.4



#38
Carbon Tetrachloride
Concen: 48.988 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion: 117 Resp: 324386
Ion Ratio Lower Upper
117 100
119 97.0 73.3 109.9
121 30.5 25.0 37.4

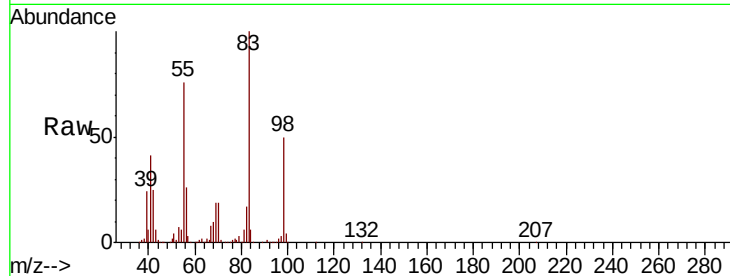




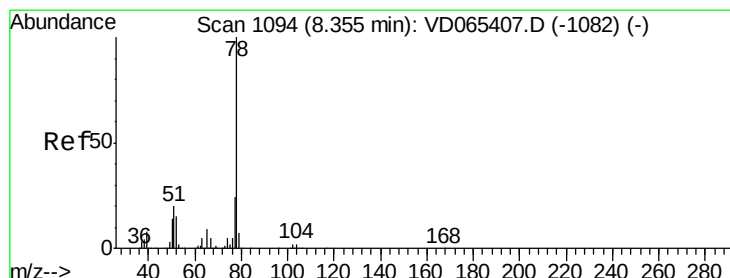
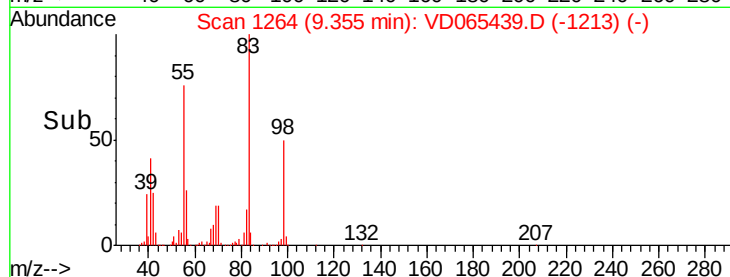
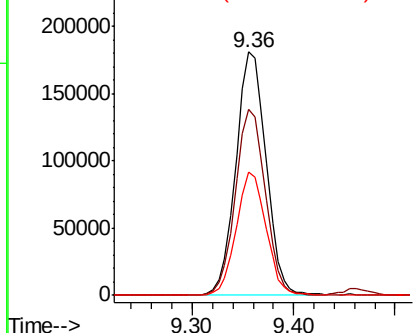
#39
Methylvlcyclohexane
Concen: 48.659 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 375282
Ion Ratio Lower Upper
83 100
55 76.2 57.1 85.7
98 50.5 37.8 56.8

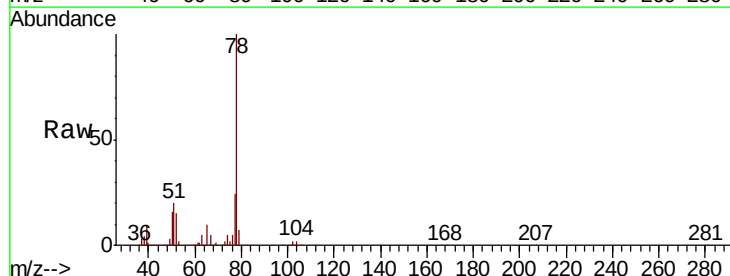


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

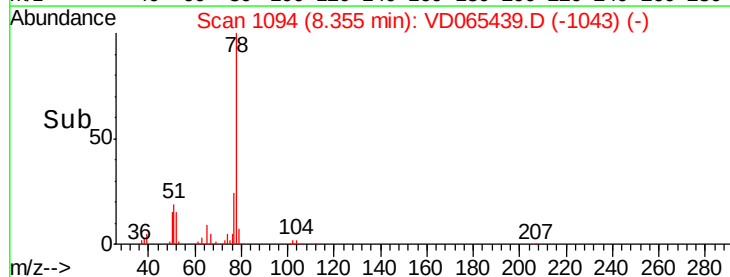
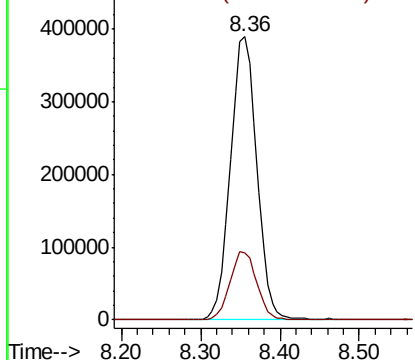


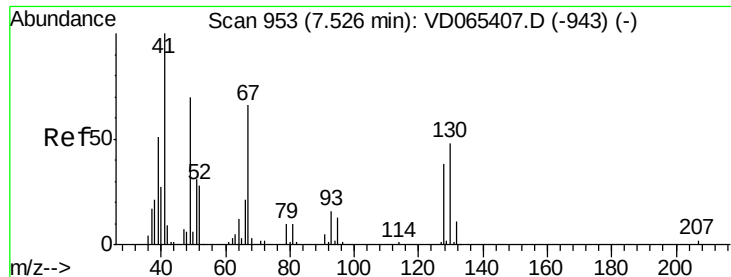
#40
Benzene
Concen: 50.390 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion: 78 Resp: 899666
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

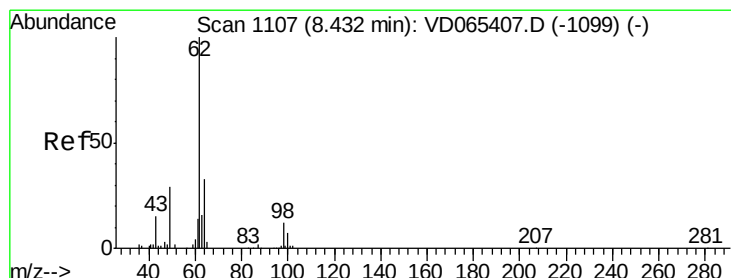
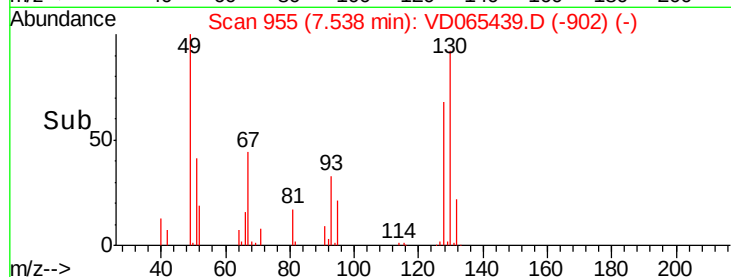
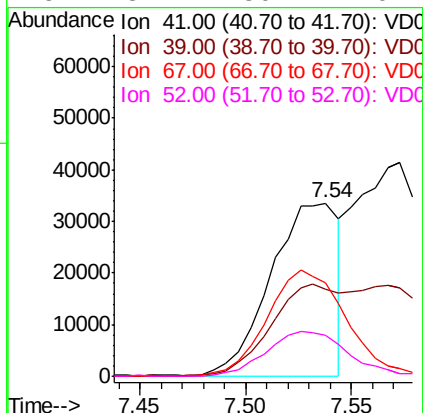
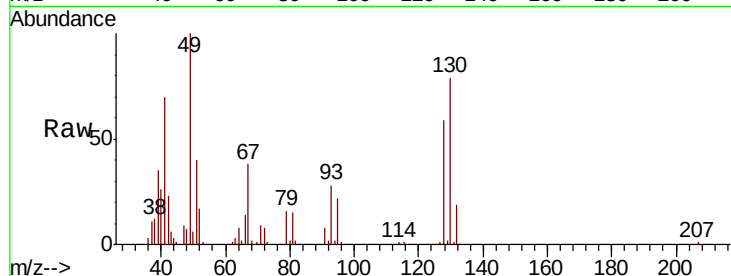




#41
Methacrylonitrile
Concen: 57.654 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

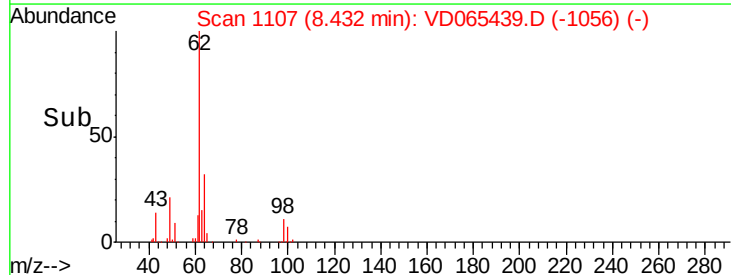
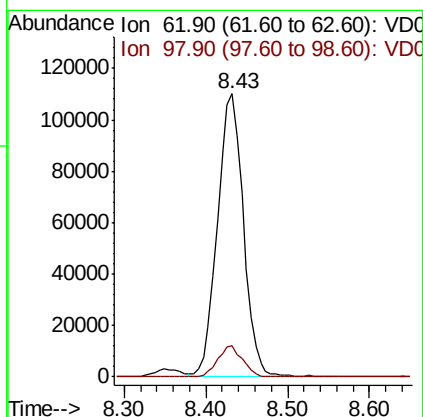
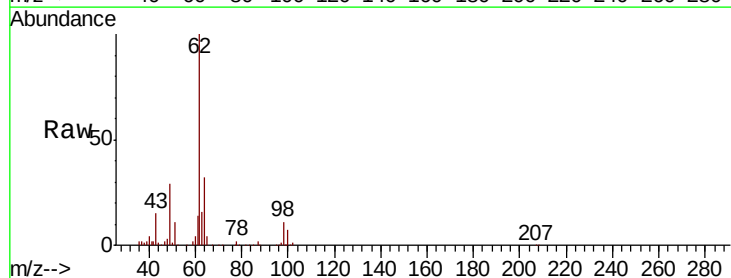
Instrument :
MSVOA_D
ClientSampleId :

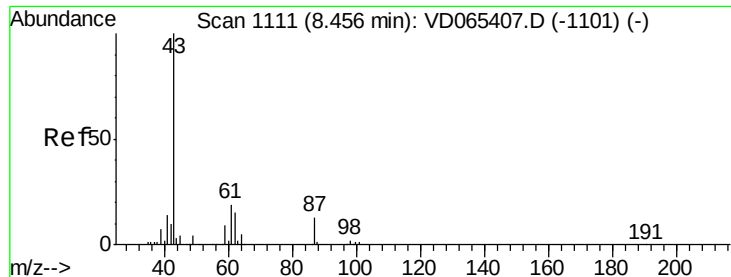
Tot Ion: 41 Resp: 75255
Ion Ratio Lower Upper
41 100
39 52.2 55.0 82.6#
67 70.8 70.3 105.5
52 31.2 30.7 46.1



#42
1,2-Dichloroethane
Concen: 52.421 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion: 62 Resp: 244395
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.4





#43

Isopropyl Acetate

Concen: 51.936 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

ClientSampleId :

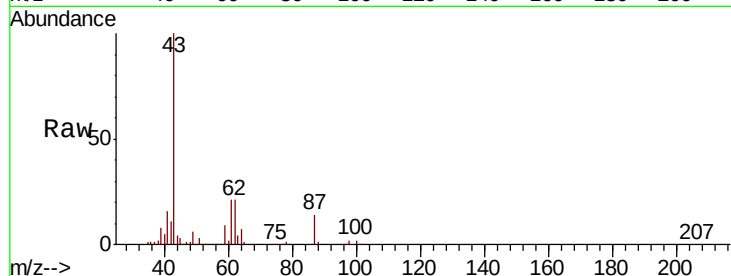
Tot Ion: 43 Resp: 236686

Ion Ratio Lower Upper

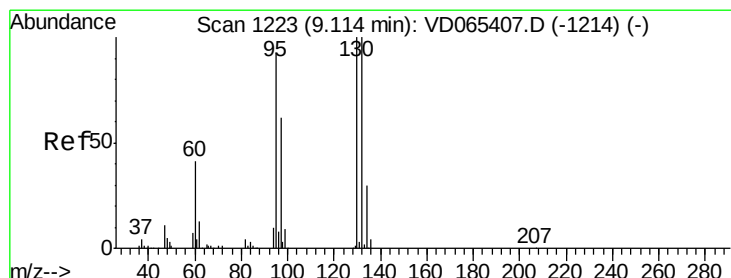
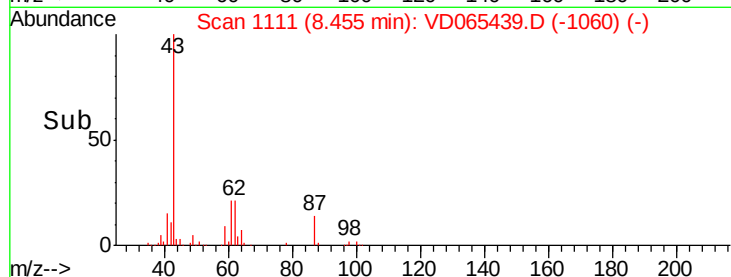
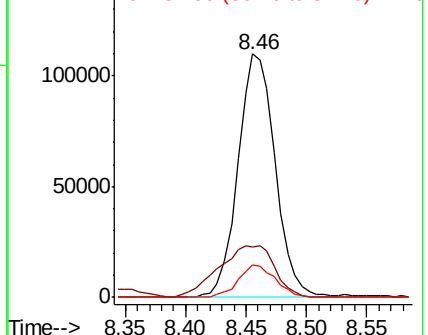
43 100

61 31.8 25.0 37.6

87 13.4 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.427 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065439.D

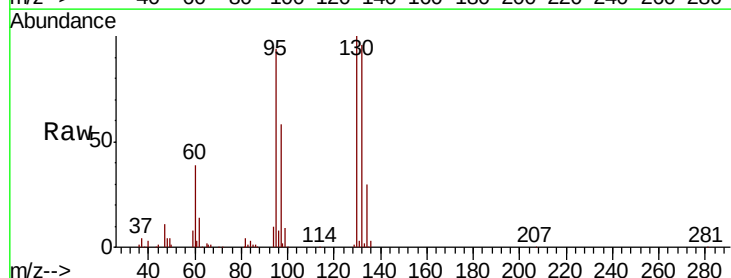
Acq: 05 Mar 2020 18:59

Tgt Ion:130 Resp: 249214

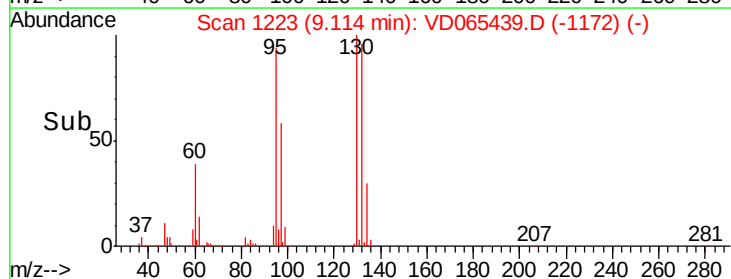
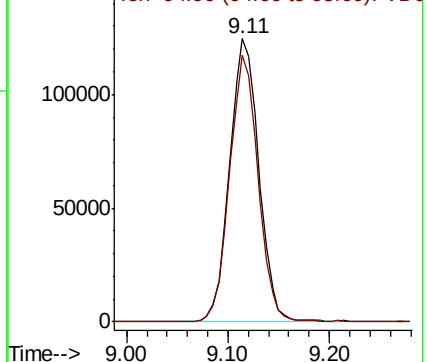
Ion Ratio Lower Upper

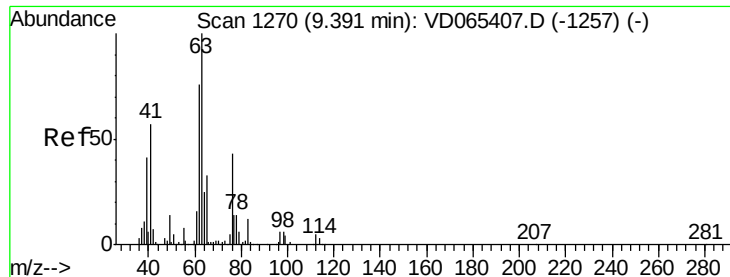
130 100

95 94.4 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

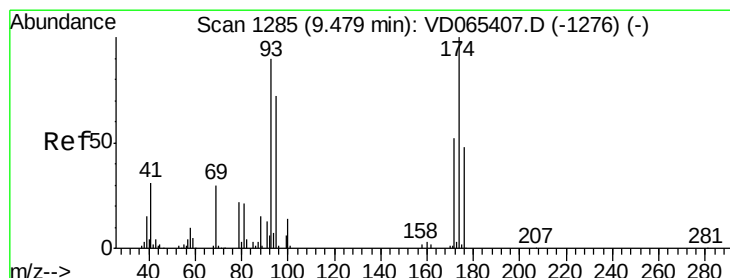
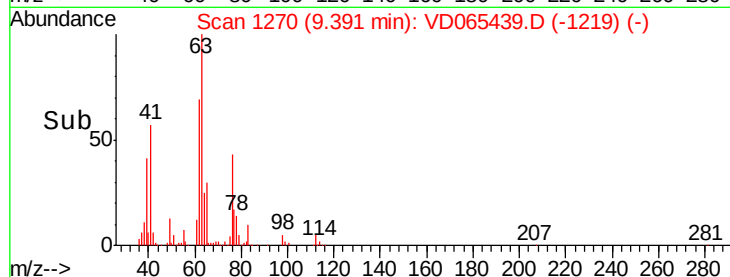
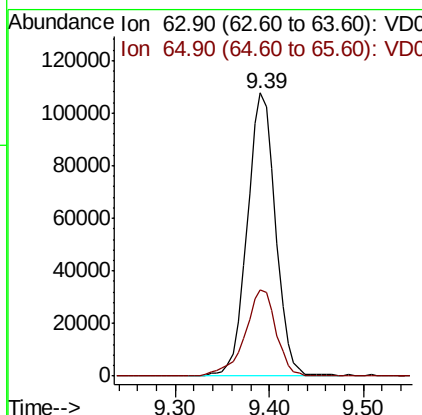
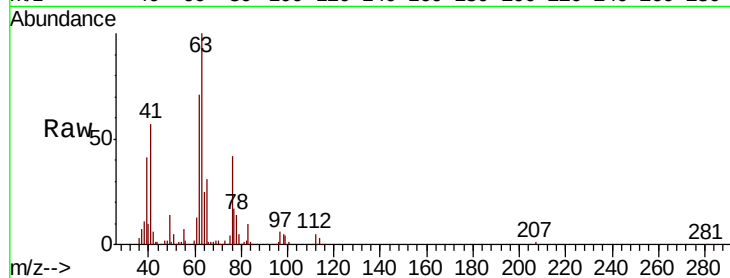




#45
 1,2-Dichloropropane
 Concen: 51.811 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

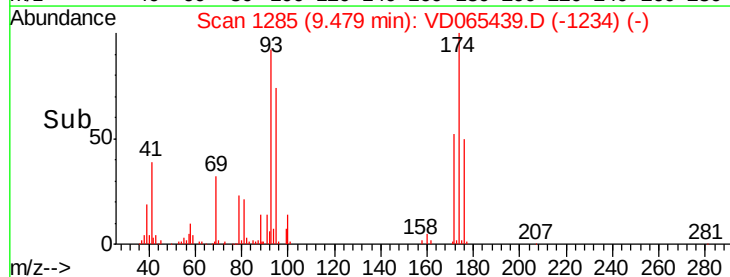
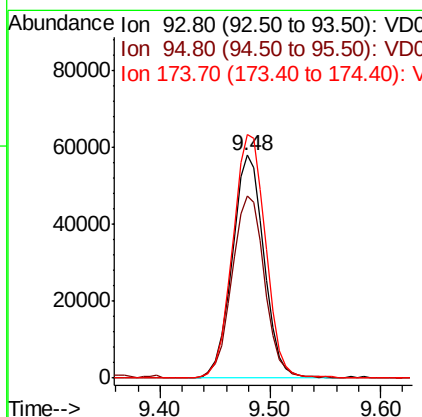
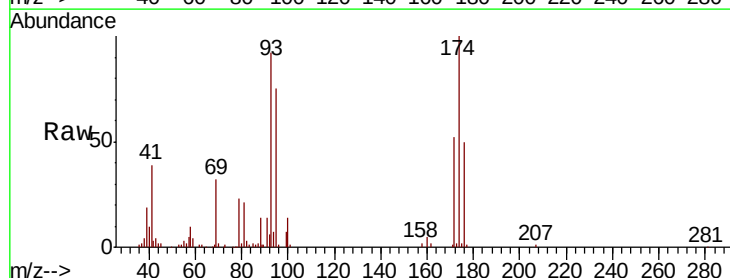
Instrument :
 MSVOA_D
 ClientSampled :

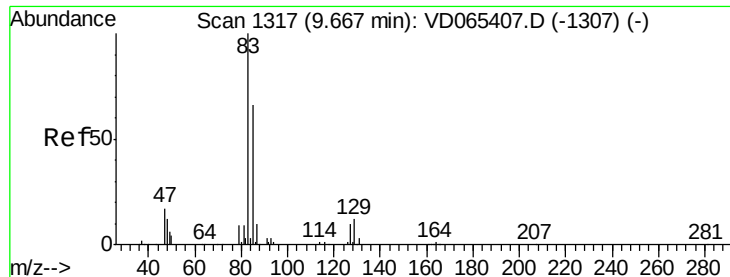
Tot Ion: 63 Resp: 224070
 Ion Ratio Lower Upper
 63 100
 65 30.7 26.4 39.6



#46
 Dibromomethane
 Concen: 52.188 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Tgt Ion: 93 Resp: 117073
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.0 97.6
 174 112.6 88.3 132.5





#47

Bromodichloromethane

Concen: 52.190 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

ClientSampleId :

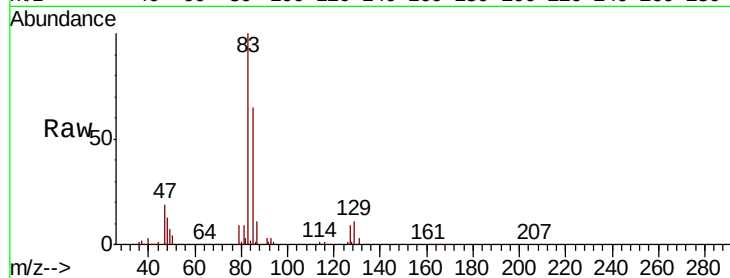
Tot Ion: 83 Resp: 304583

Ion Ratio Lower Upper

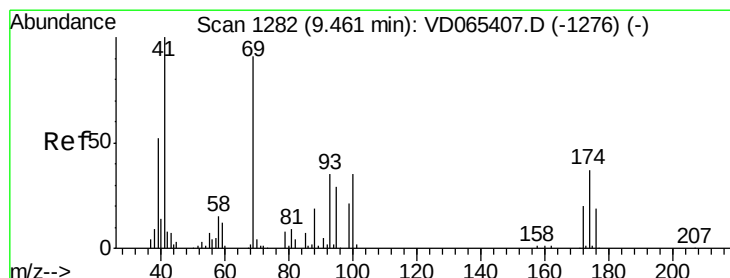
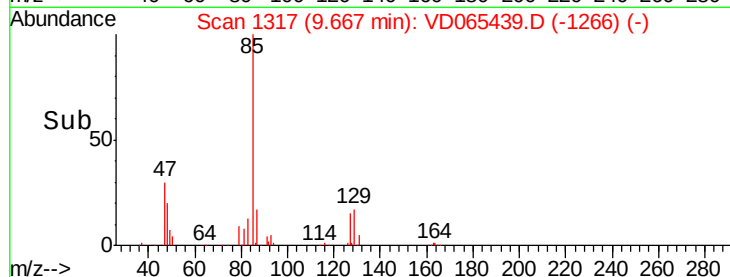
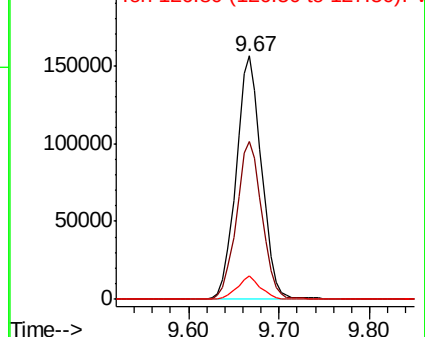
83 100

85 64.8 52.8 79.2

127 9.5 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): V



#48

Methyl methacrylate

Concen: 53.273 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

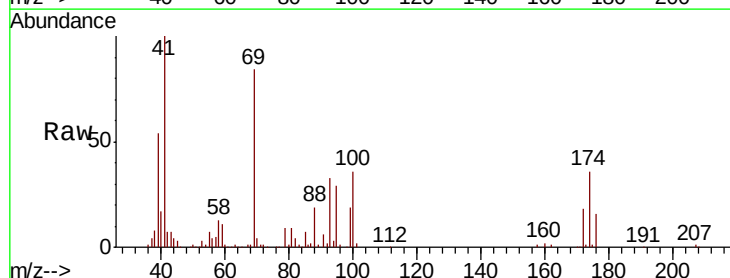
Tgt Ion: 41 Resp: 114201

Ion Ratio Lower Upper

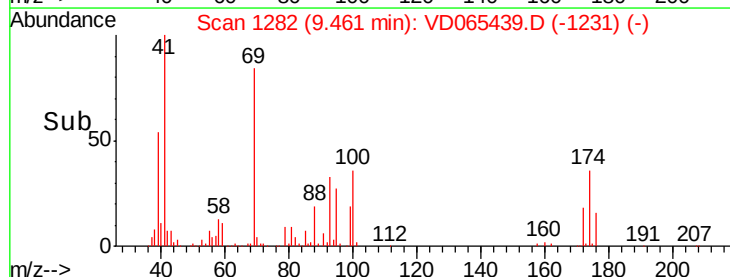
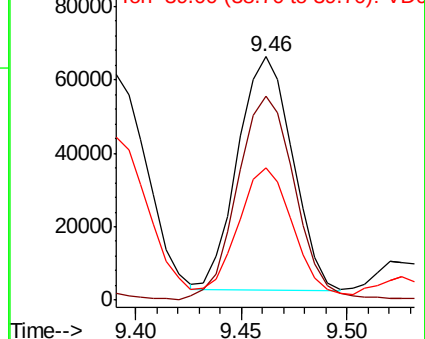
41 100

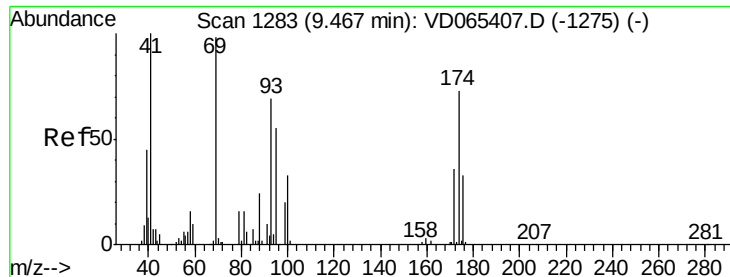
69 91.6 72.5 108.7

39 53.1 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

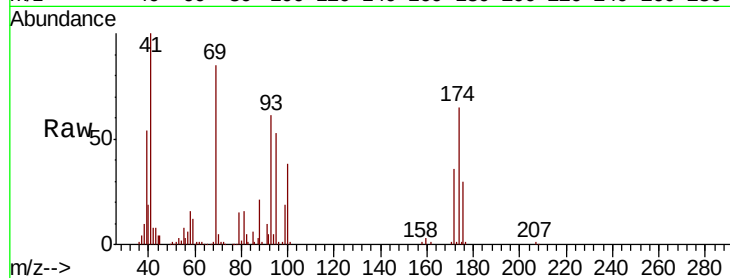




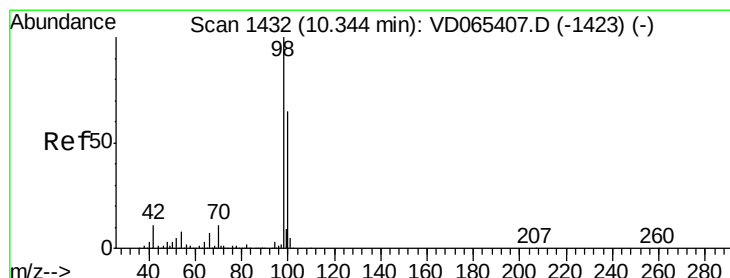
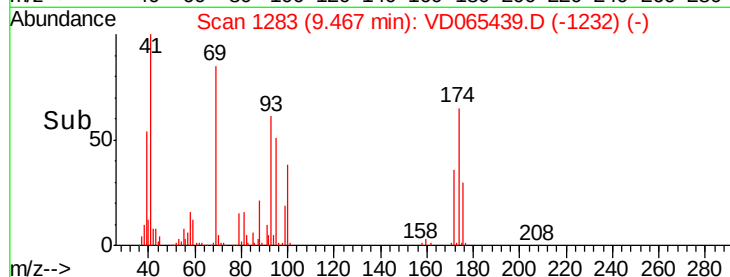
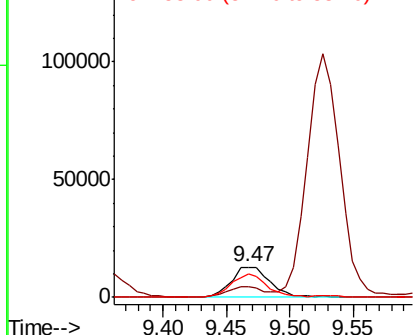
#49
1,4-Dioxane
Concen: 1072.406 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 27518
Ion Ratio Lower Upper
88 100
43 36.2 24.5 36.7
58 69.6 54.5 81.7

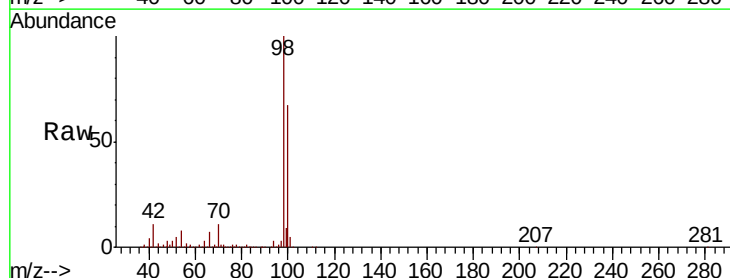


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

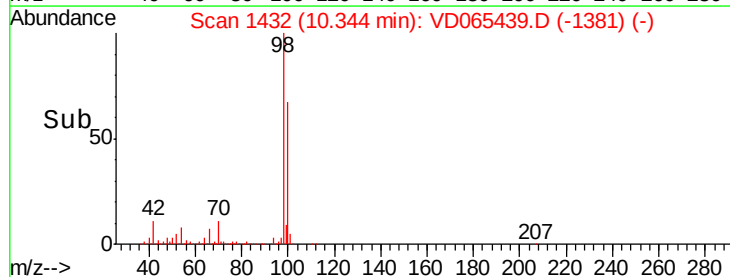
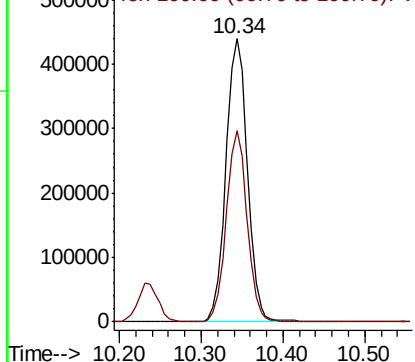


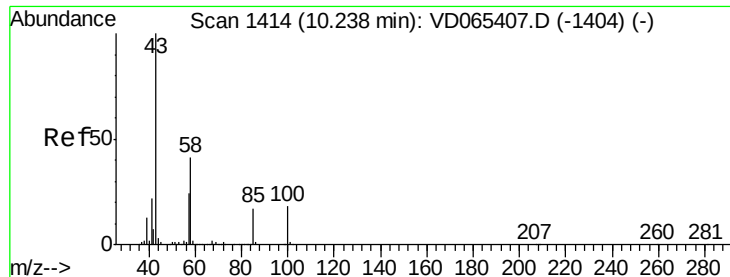
#50
Toluene-d8
Concen: 50.933 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion: 98 Resp: 804957
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

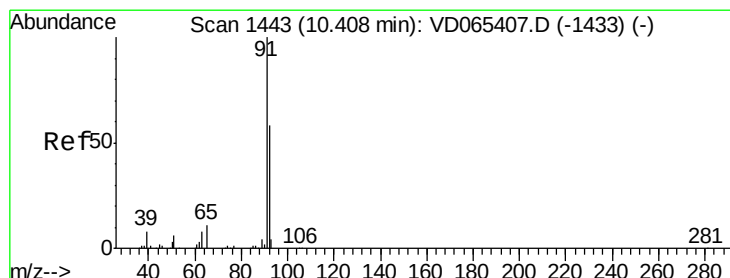
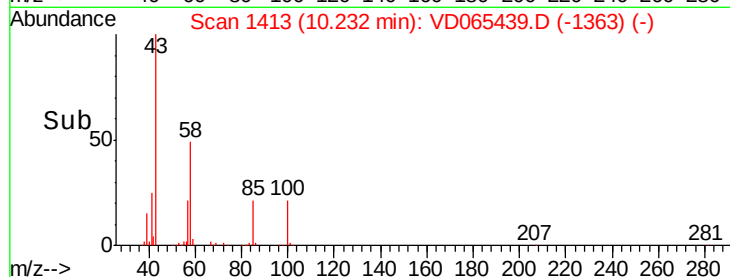
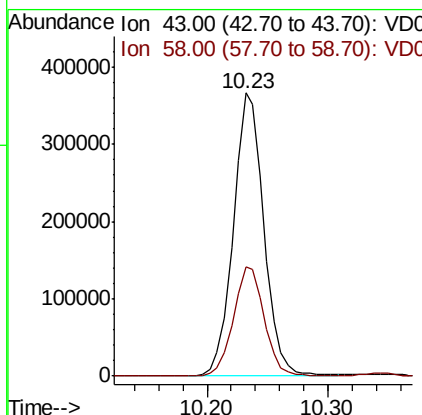
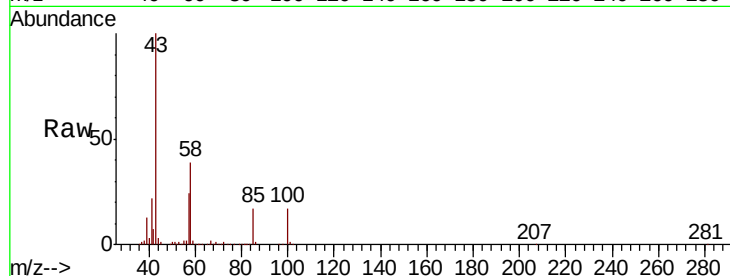




#51
 4-Methyl-2-Pentanone
 Concen: 280.311 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

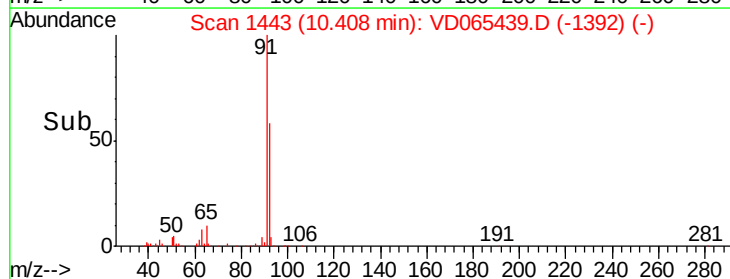
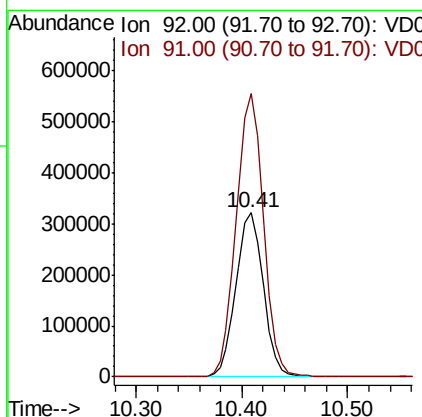
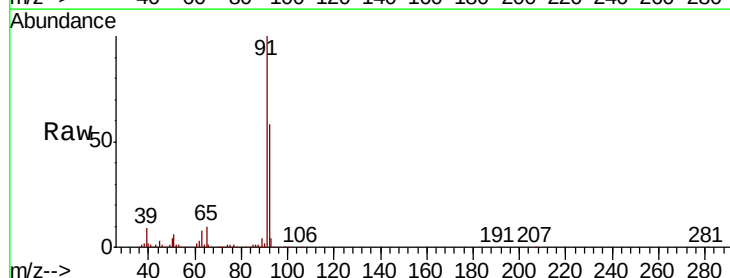
Instrument :
 MSVOA_D
 ClientSampled :

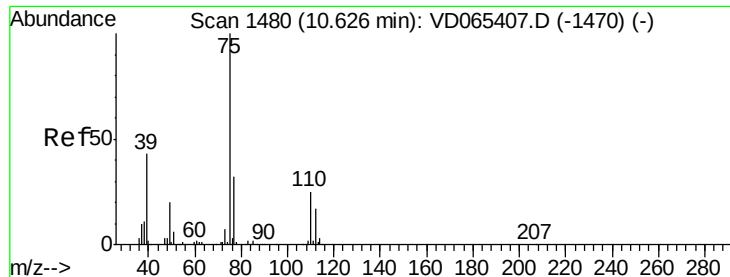
Tot Ion: 43 Resp: 642840
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 51.308 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Tgt Ion: 92 Resp: 577080
 Ion Ratio Lower Upper
 92 100
 91 172.6 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 53.326 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

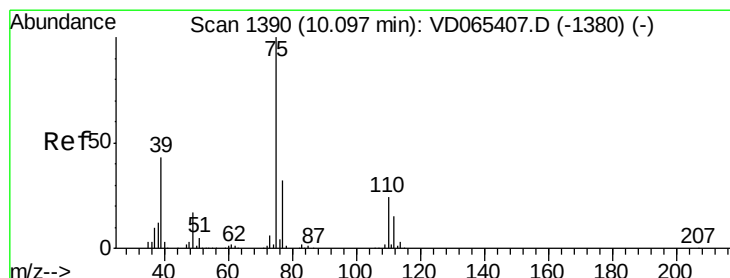
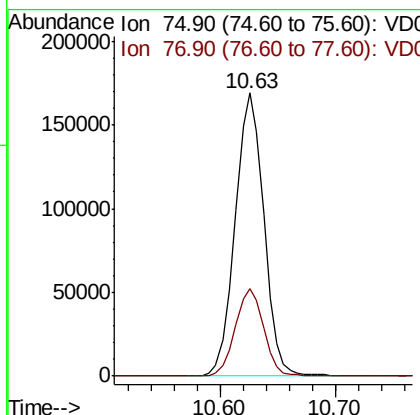
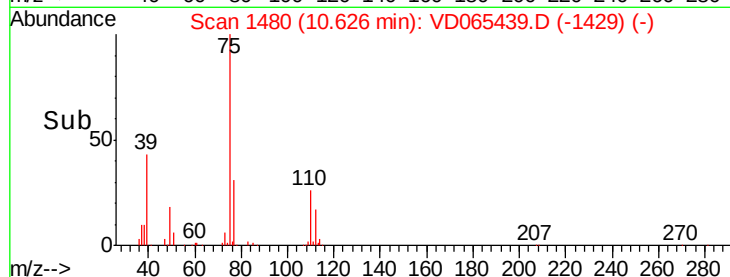
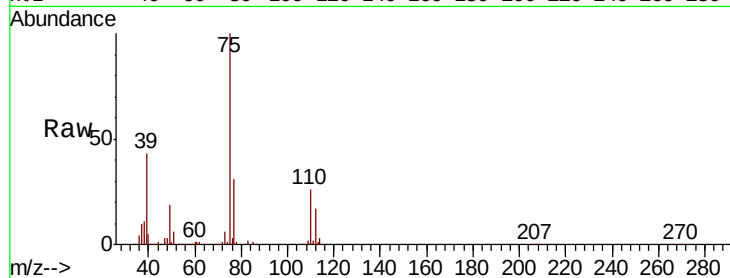
ClientSampleId :

Tot Ion: 75 Resp: 290834

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.973 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

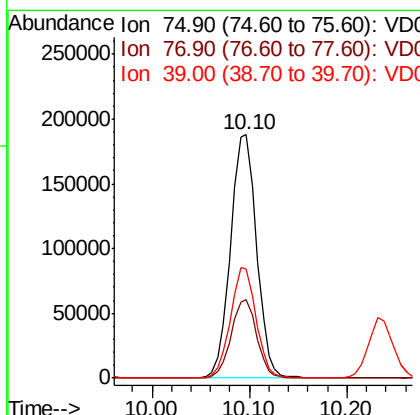
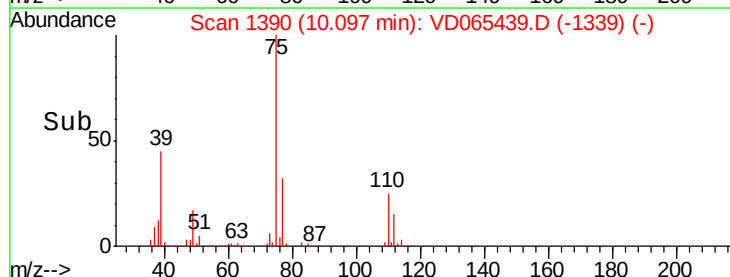
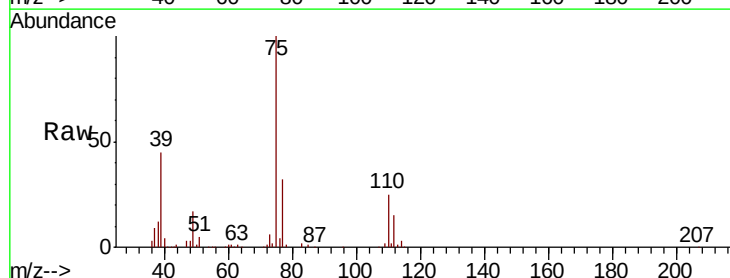
Tgt Ion: 75 Resp: 349705

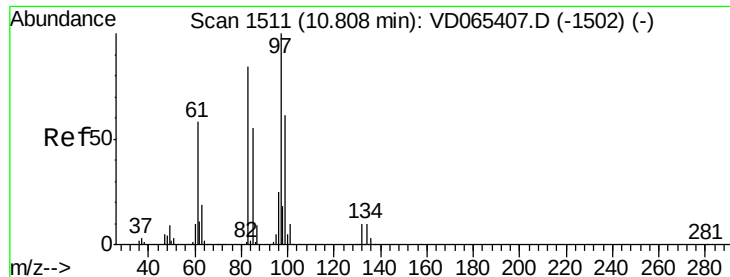
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 44.6 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 51.826 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 164665

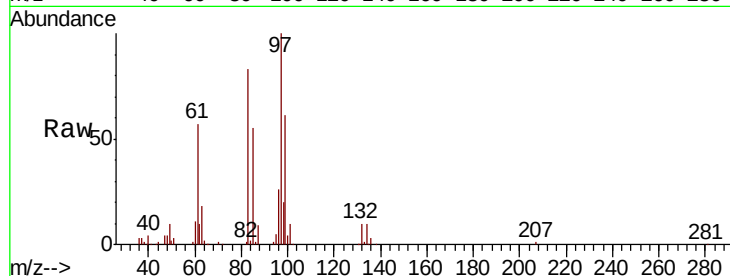
Ion Ratio Lower Upper

97 100

83 83.3 67.4 101.0

85 55.0 43.8 65.8

99 61.4 48.8 73.2

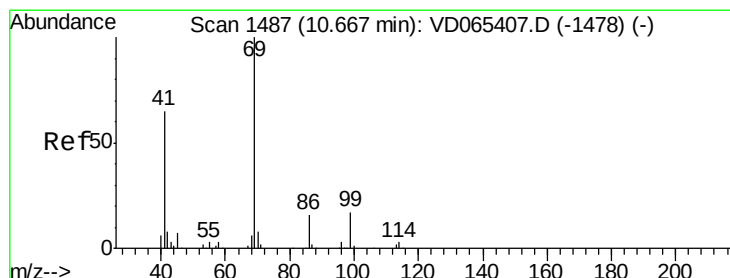
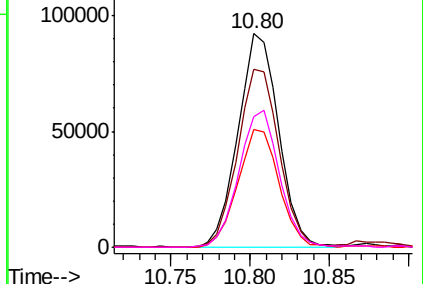
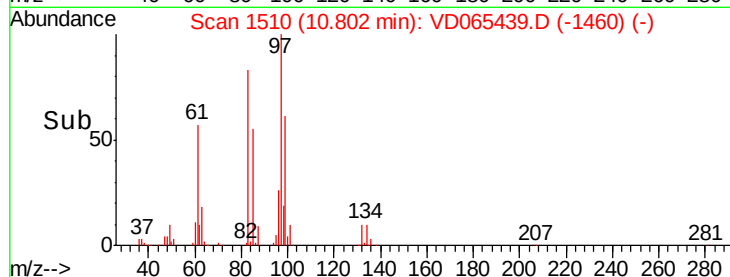


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 55.853 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

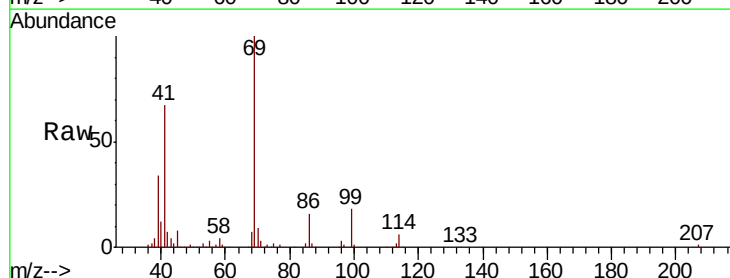
Tgt Ion: 69 Resp: 200060

Ion Ratio Lower Upper

69 100

41 68.3 53.0 79.6

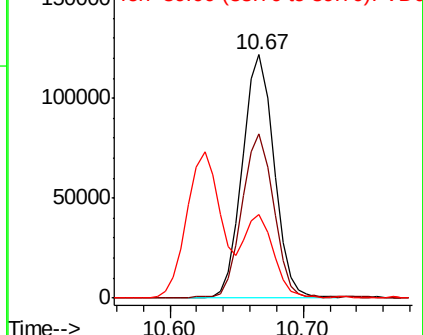
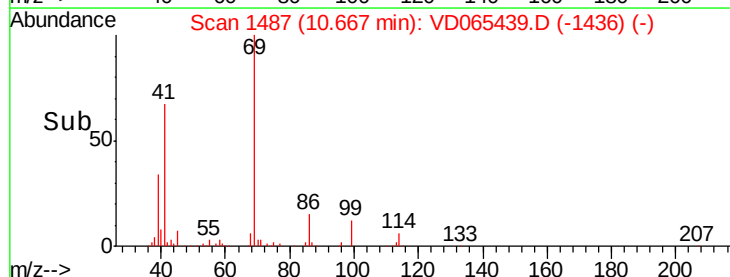
39 31.0 26.0 39.0

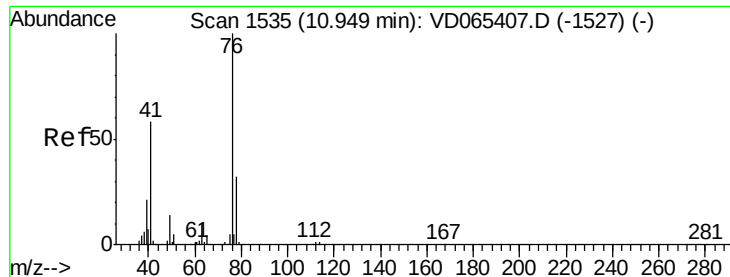


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 52.909 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

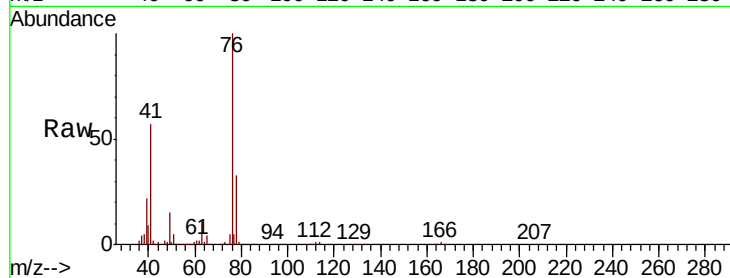
ClientSampleId :

Tot Ion: 76 Resp: 284432

Ion Ratio Lower Upper

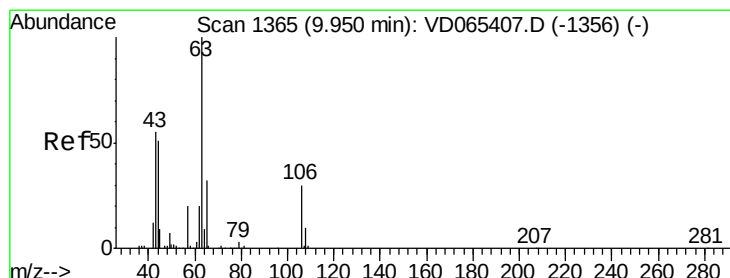
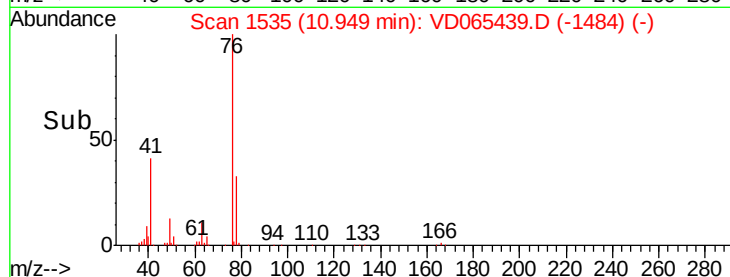
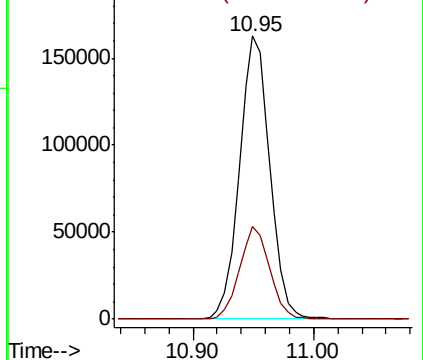
76 100

78 32.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 247.061 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065439.D

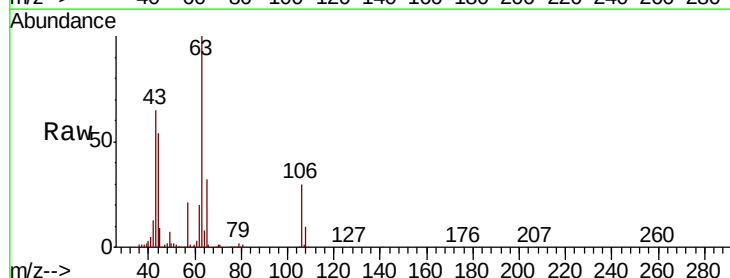
Acq: 05 Mar 2020 18:59

Tgt Ion: 63 Resp: 276554

Ion Ratio Lower Upper

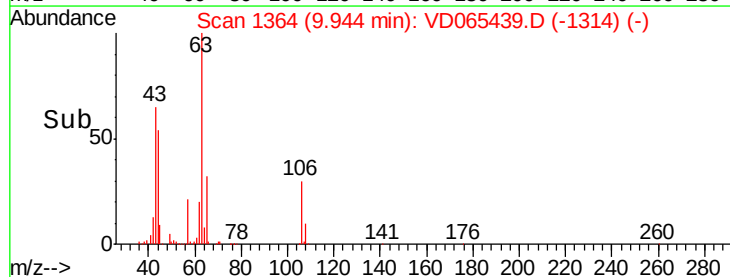
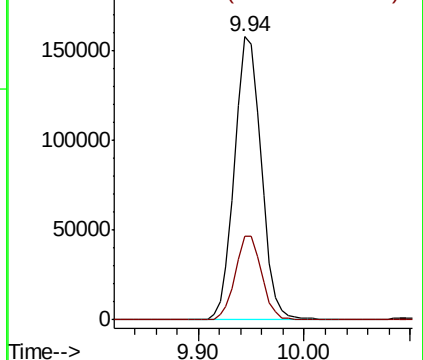
63 100

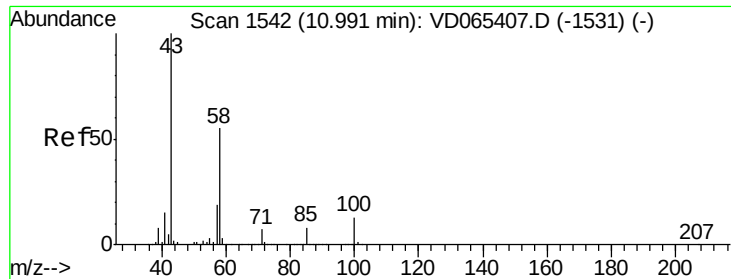
106 29.2 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

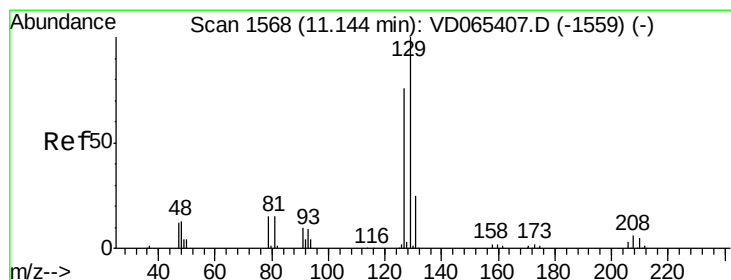
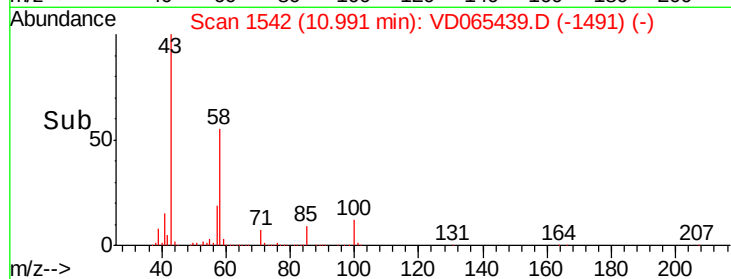
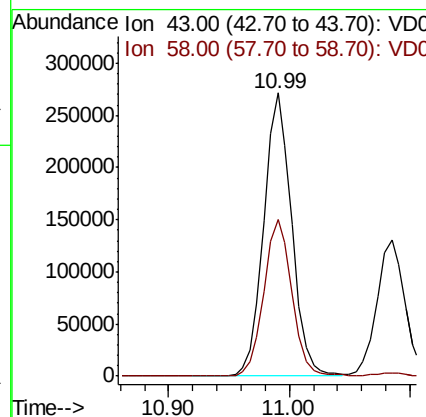
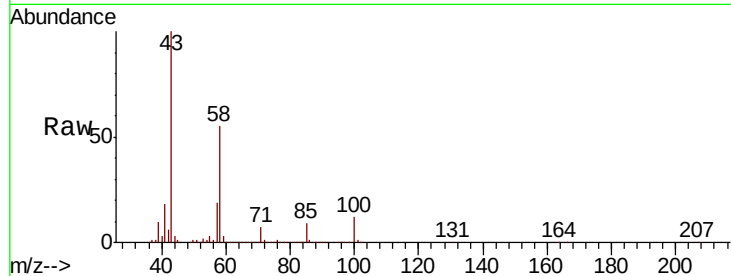




#59
2-Hexanone
Concen: 276.229 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

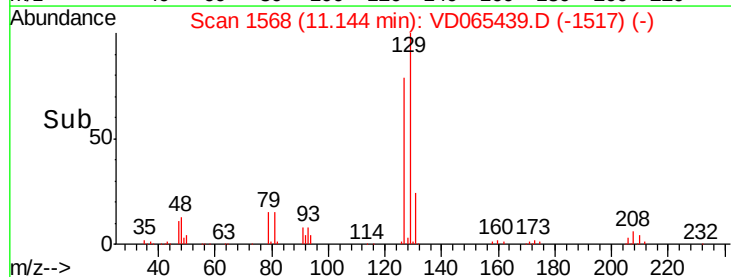
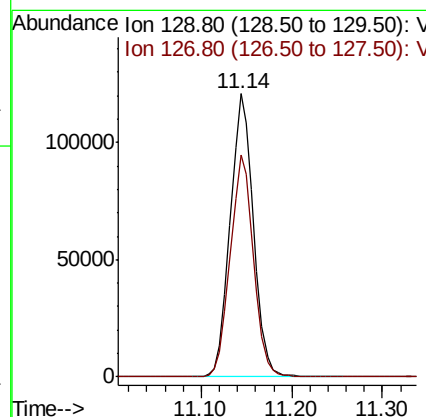
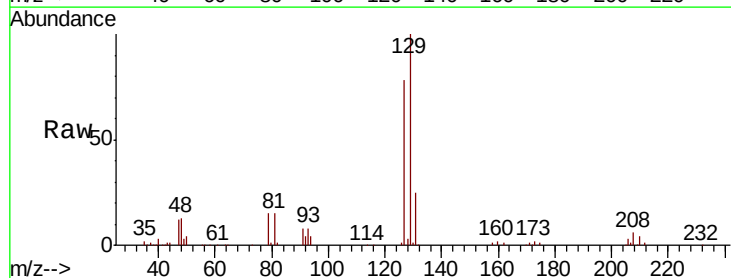
Instrument :
MSVOA_D
ClientSampleId :

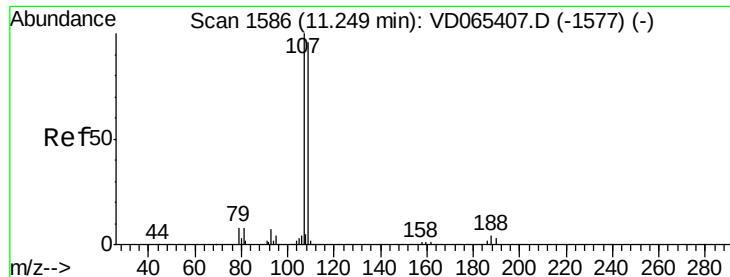
Tot Ion: 43 Resp: 438520
Ion Ratio Lower Upper
43 100
58 55.4 27.4 82.2



#60
Dibromochloromethane
Concen: 52.836 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion: 129 Resp: 215188
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.892 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

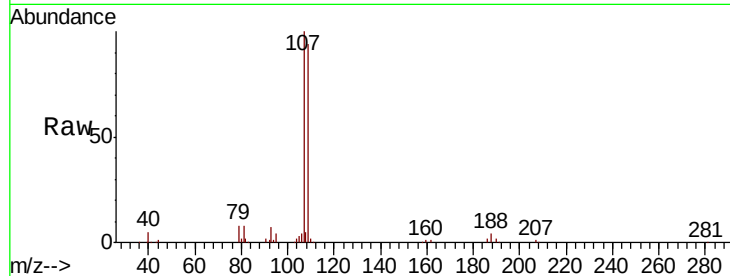
ClientSampled :

Tot Ion:107 Resp: 160297

Ion Ratio Lower Upper

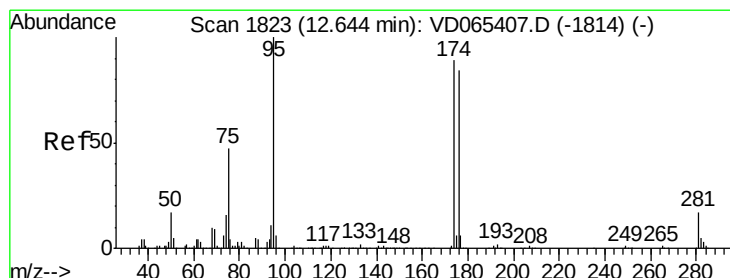
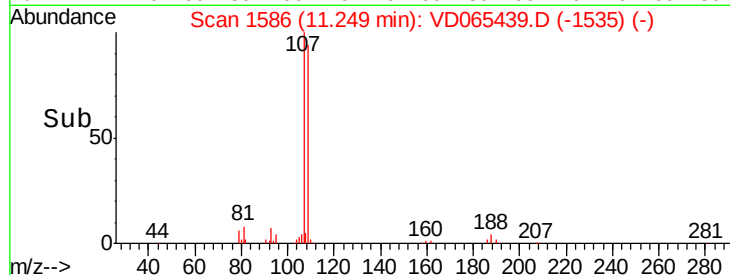
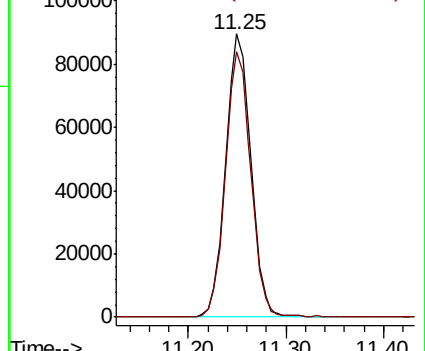
107 100

109 94.1 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.224 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

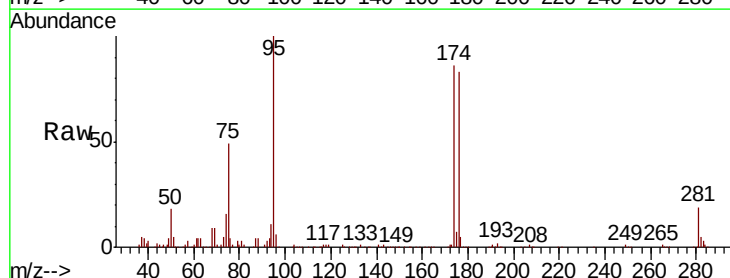
Tgt Ion: 95 Resp: 254798

Ion Ratio Lower Upper

95 100

174 89.3 0.0 176.8

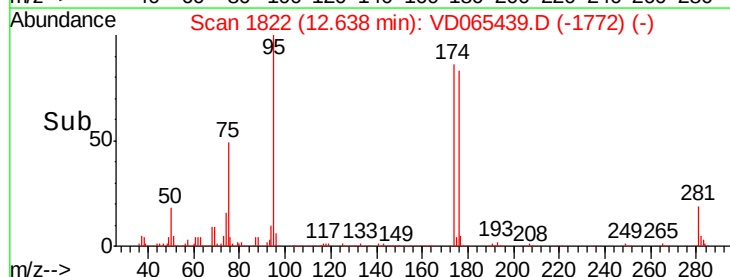
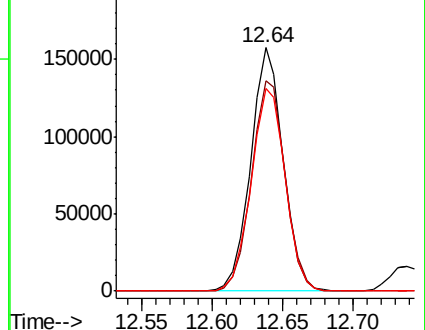
176 87.2 0.0 171.4

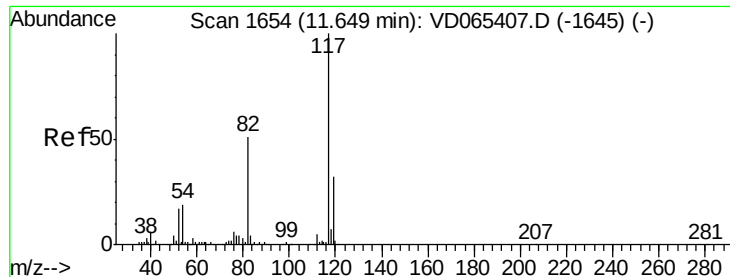


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

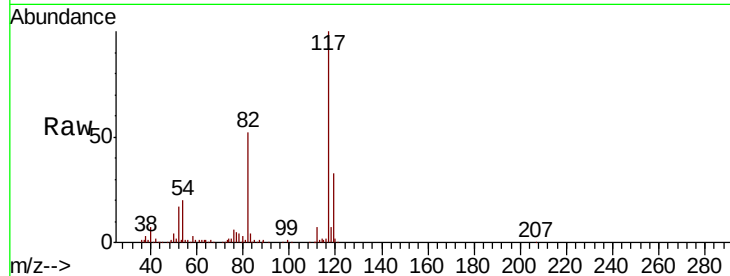




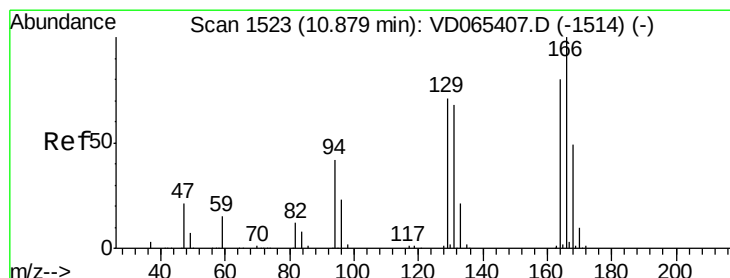
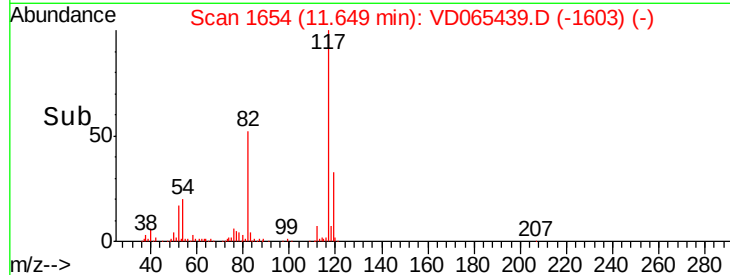
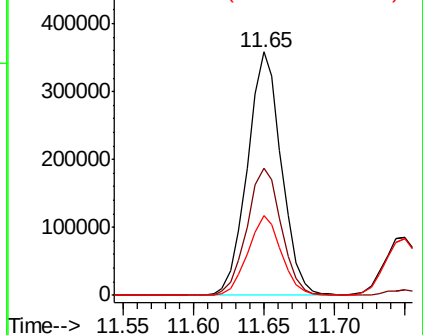
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 605720
Ion Ratio Lower Upper
117 100
82 52.0 40.6 60.8
119 32.8 25.4 38.2

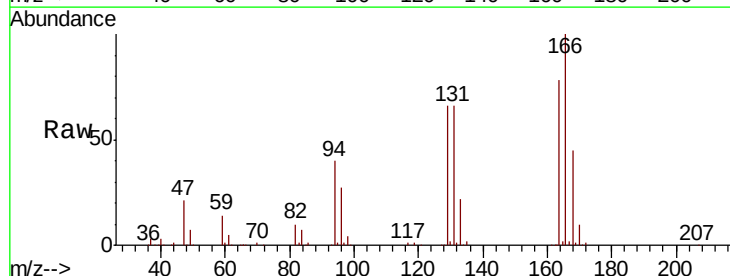


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

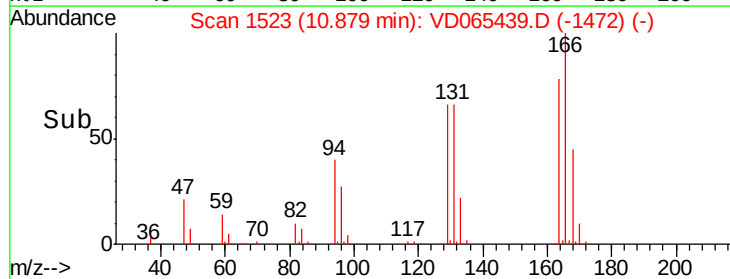
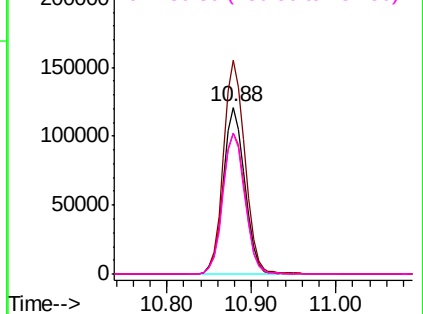


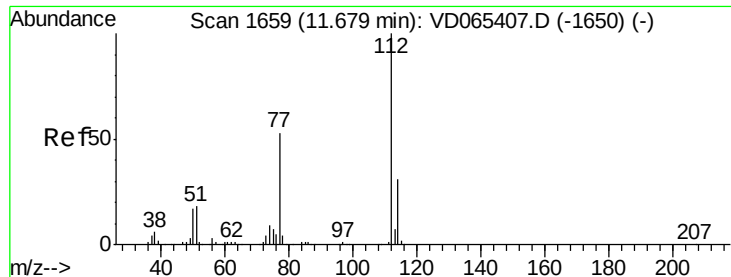
#64
Tetrachloroethene
Concen: 48.926 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion:164 Resp: 212357
Ion Ratio Lower Upper
164 100
166 128.3 100.5 150.7
129 85.0 71.5 107.3
131 85.0 68.5 102.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

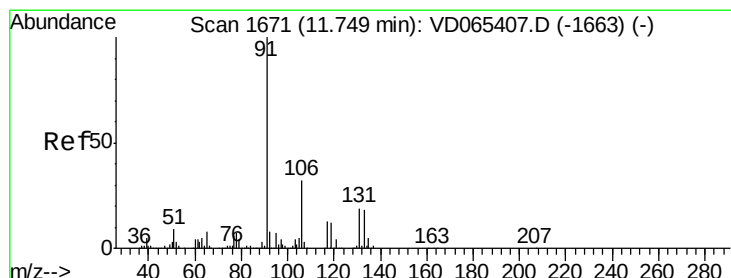
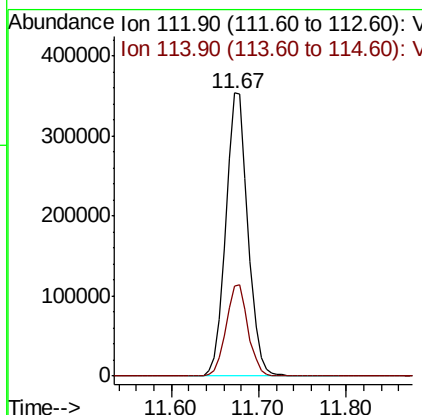
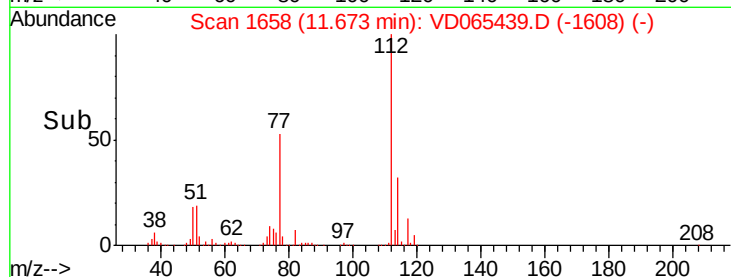
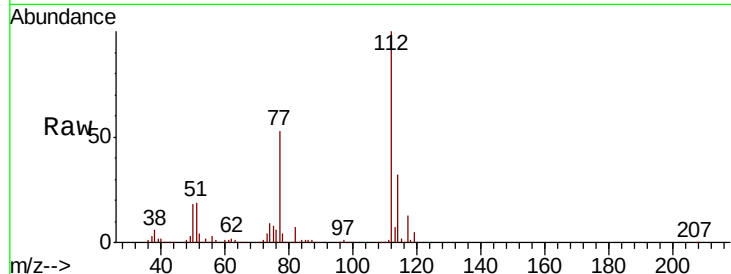




#65
Chlorobenzene
Concen: 51.103 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

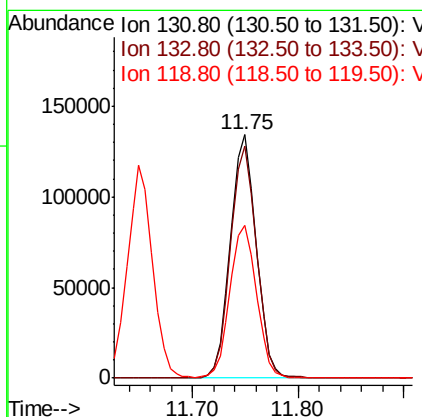
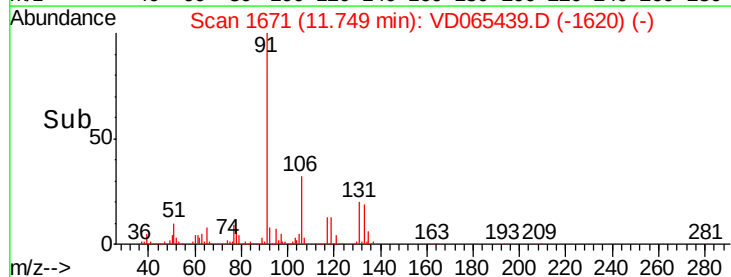
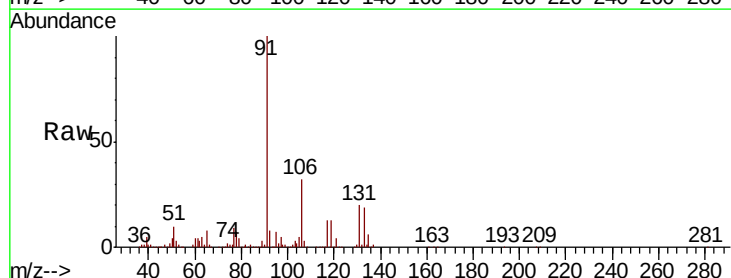
Instrument :
MSVOA_D
ClientSampled :

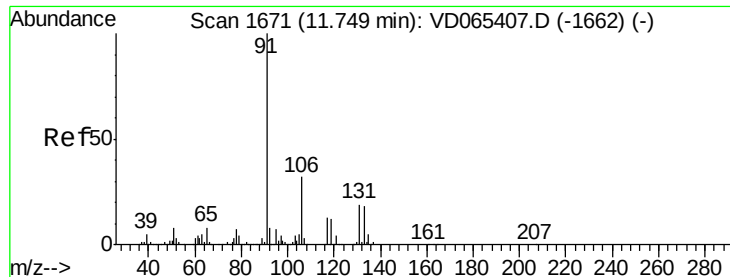
Tot Ion:112 Resp: 612551
Ion Ratio Lower Upper
112 100
114 31.6 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.111 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion:131 Resp: 227491
Ion Ratio Lower Upper
131 100
133 95.9 49.2 147.6
119 64.3 33.3 99.8





#67

Ethyl Benzene

Concen: 51.733 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

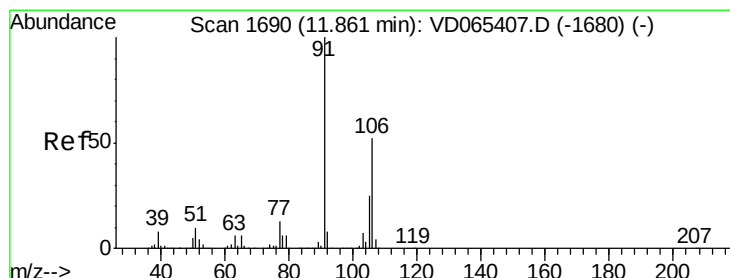
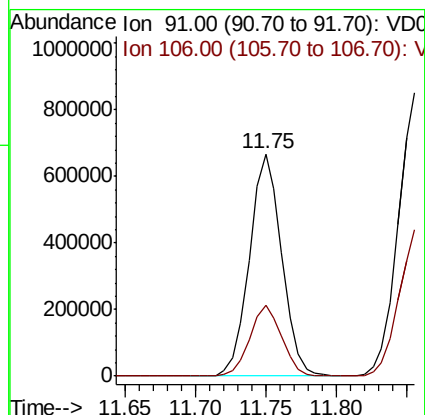
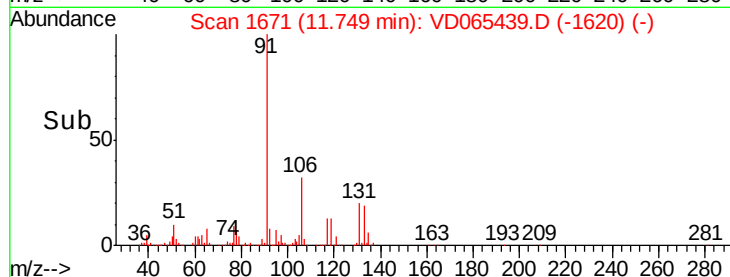
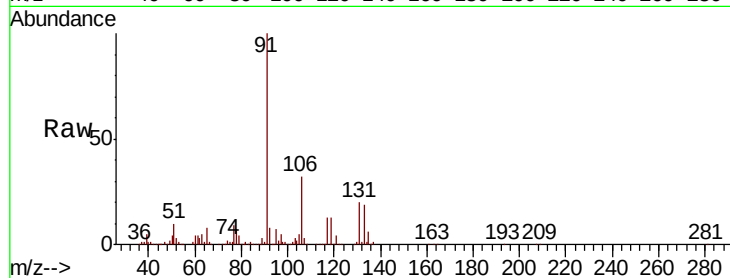
ClientSampled :

Tot Ion: 91 Resp: 1071458

Ion Ratio Lower Upper

91 100

106 32.1 25.2 37.8



#68

m/p-Xylenes

Concen: 104.834 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065439.D

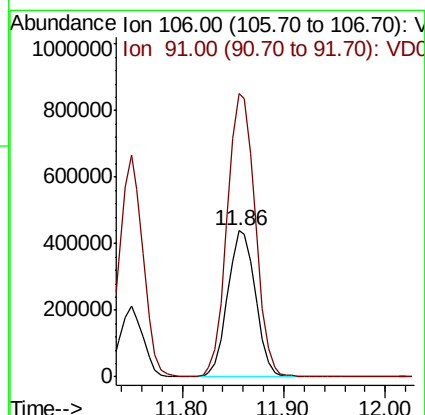
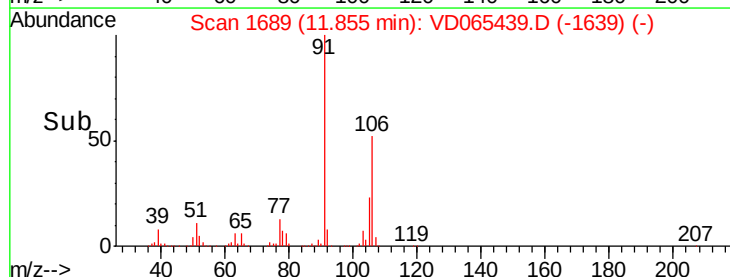
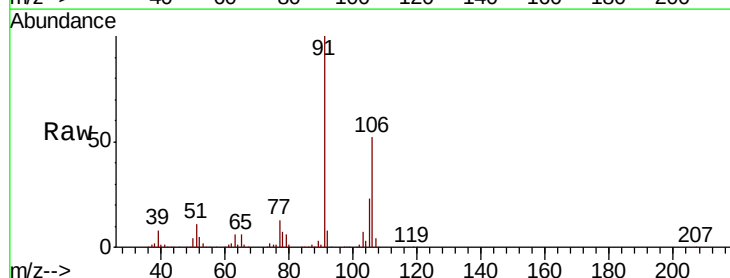
Acq: 05 Mar 2020 18:59

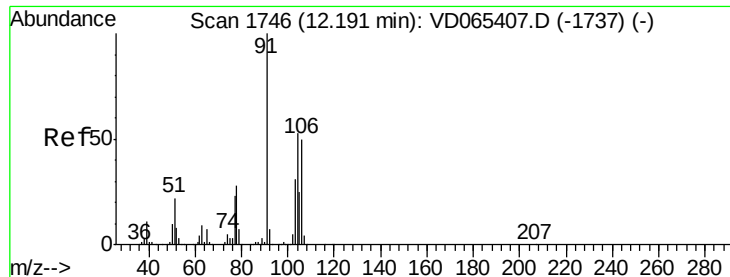
Tgt Ion: 106 Resp: 837210

Ion Ratio Lower Upper

106 100

91 195.6 155.9 233.9

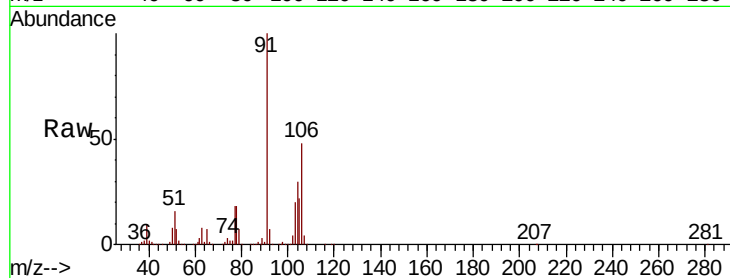




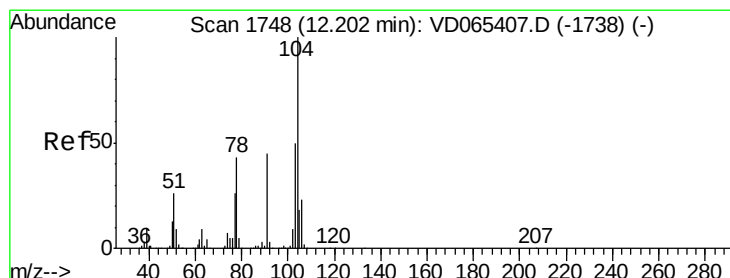
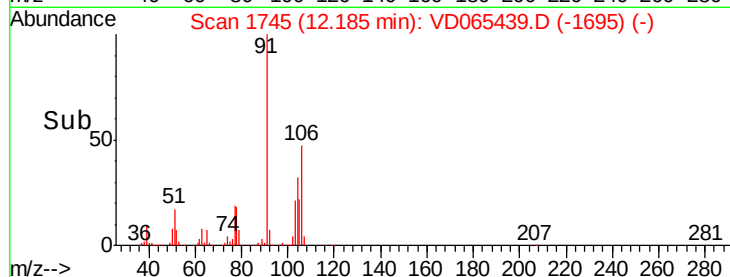
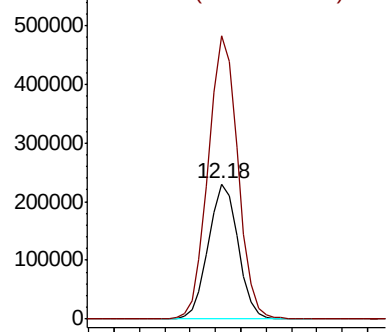
#69
o-Xylene
Concen: 53.283 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 374304
Ion Ratio Lower Upper
106 100
91 207.8 103.5 310.3

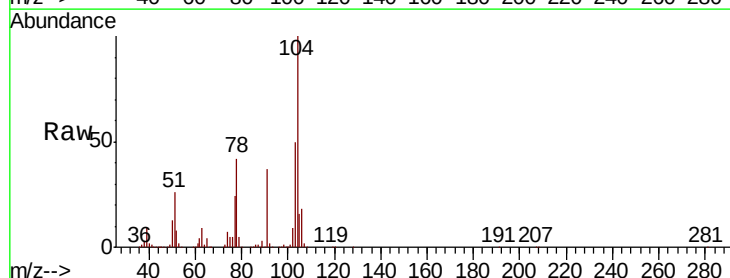


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

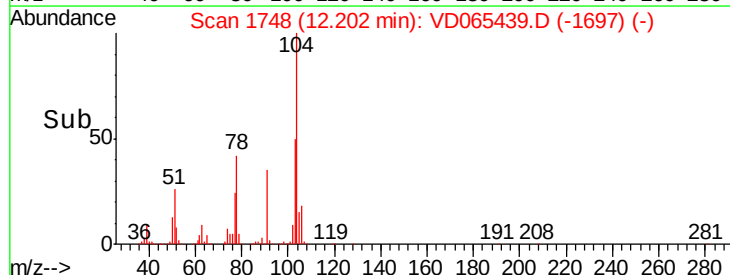
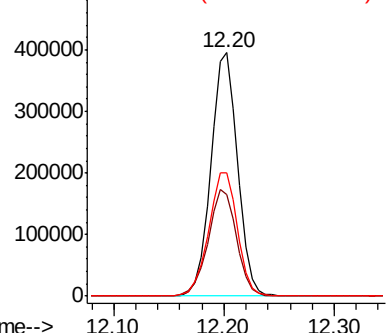


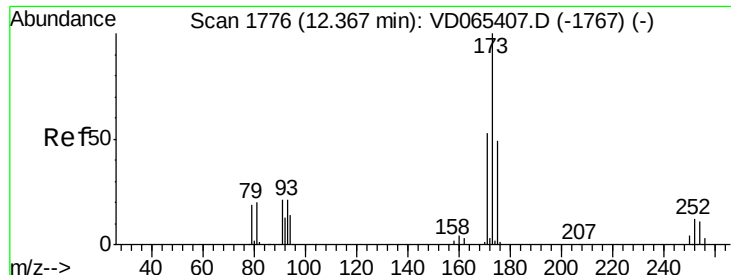
#70
Styrene
Concen: 54.237 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion:104 Resp: 670553
Ion Ratio Lower Upper
104 100
78 46.6 37.7 56.5
103 54.8 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.289 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

ClientSampleId :

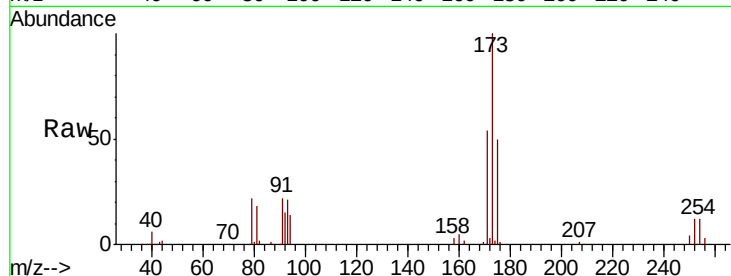
Tot Ion:173 Resp: 128218

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

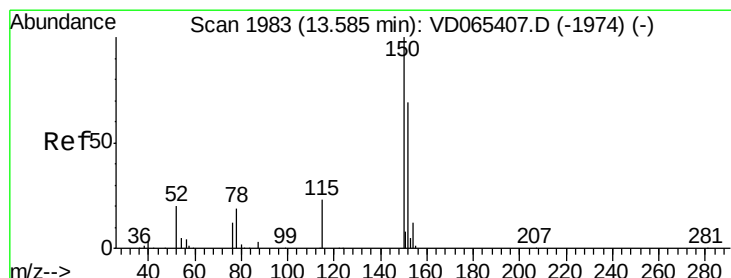
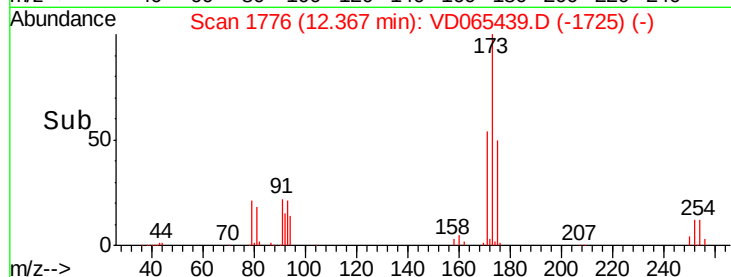
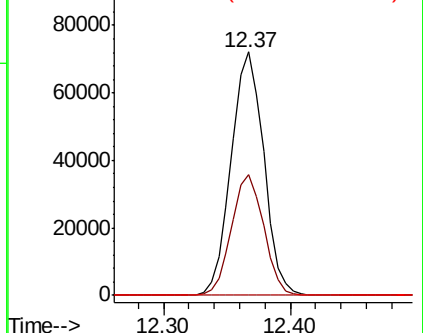
254 0.0 0.1 0.1#



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: VD065439.D

Acq: 05 Mar 2020 18:59

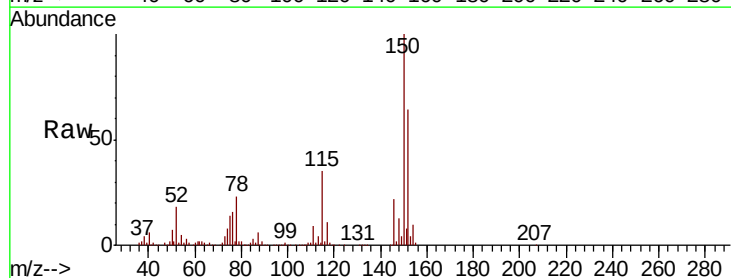
Tgt Ion:152 Resp: 303288

Ion Ratio Lower Upper

152 100

115 55.6 27.6 82.8

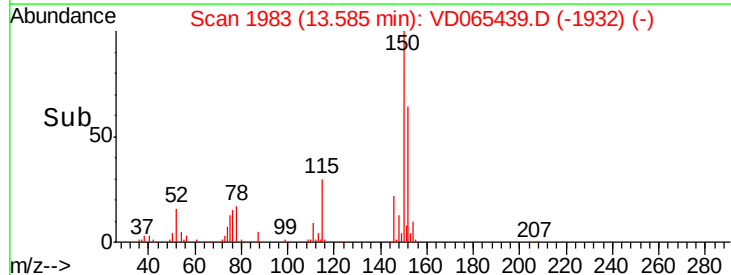
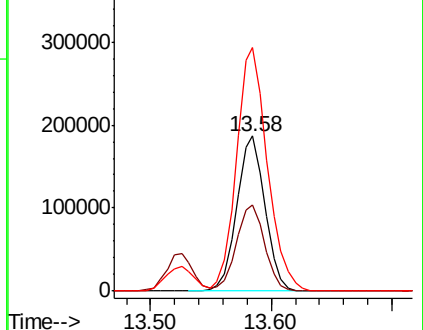
150 172.0 0.0 345.0

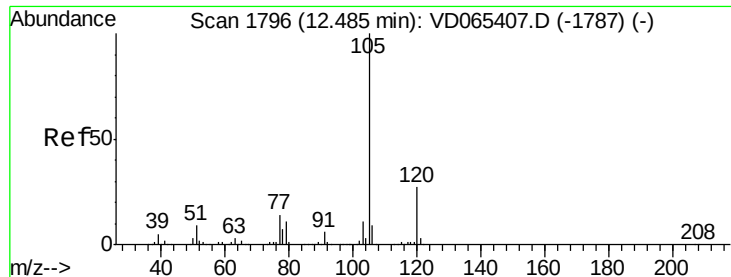


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.711 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

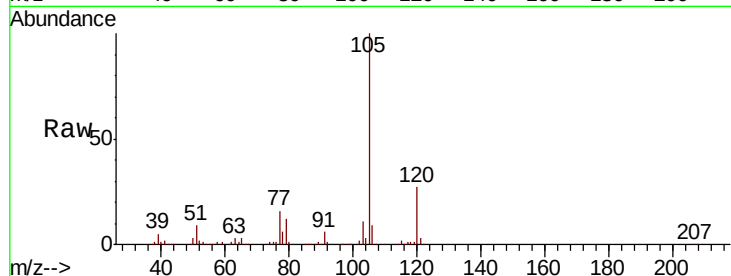
ClientSampleId :

Tot Ion:105 Resp: 1011622

Ion Ratio Lower Upper

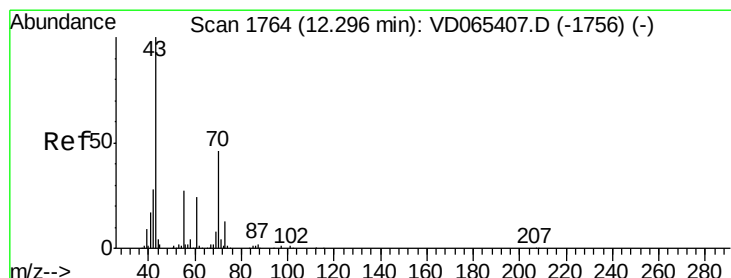
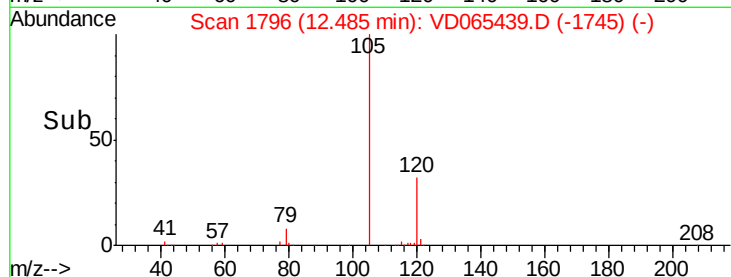
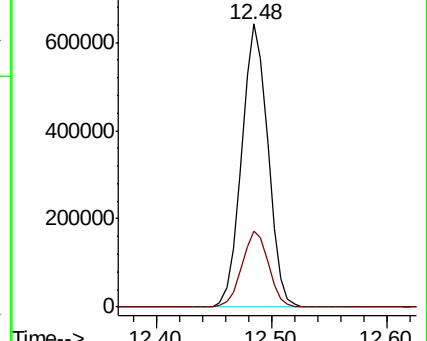
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.735 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Tgt Ion: 43 Resp: 223537

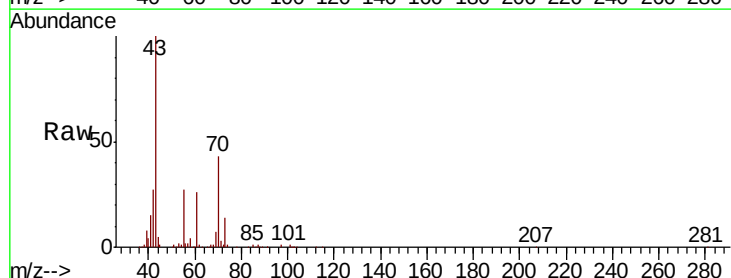
Ion Ratio Lower Upper

43 100

70 43.4 36.1 54.1

55 28.0 21.6 32.4

61 24.6 19.6 29.4

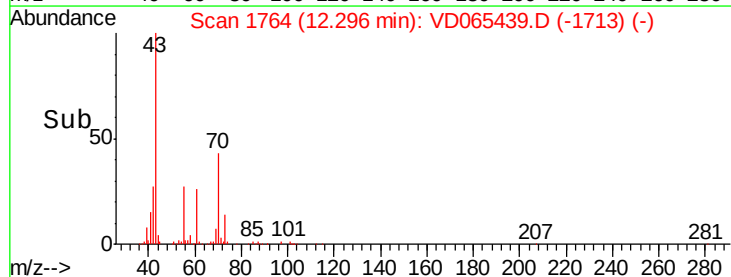
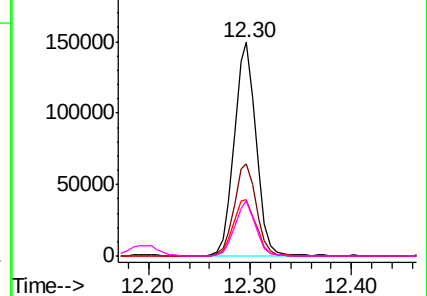


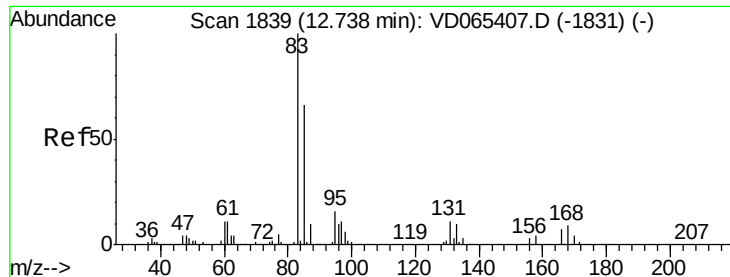
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 52.260 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

ClientSampleId :

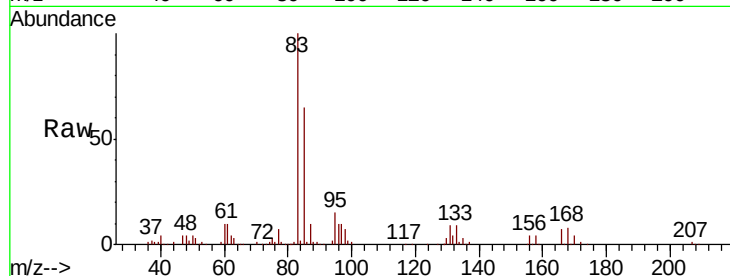
Tot Ion: 83 Resp: 183250

Ion Ratio Lower Upper

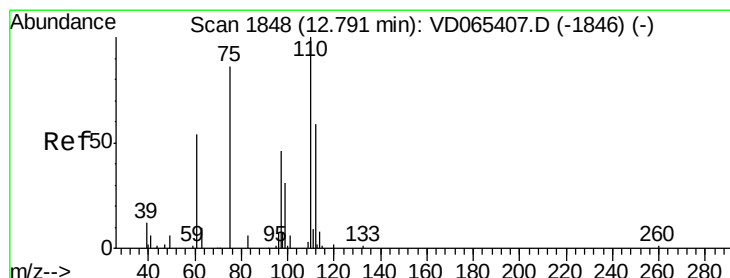
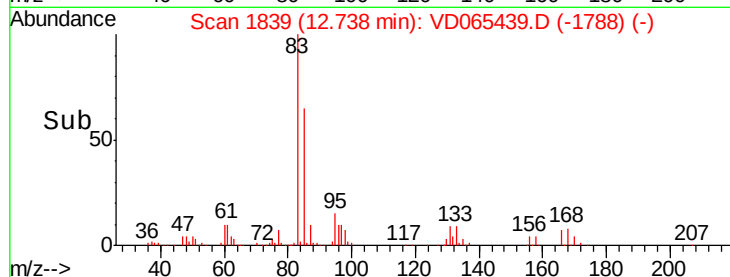
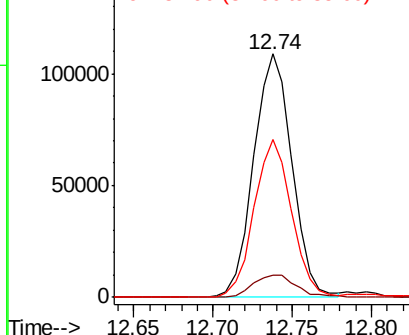
83 100

131 10.6 5.4 16.2

85 63.4 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: 95.768 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065439.D

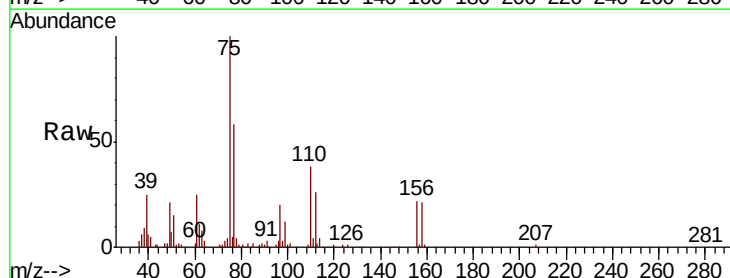
Acq: 05 Mar 2020 18:59

Tgt Ion: 75 Resp: 229192

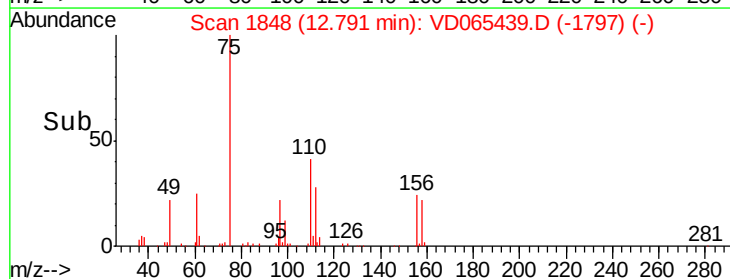
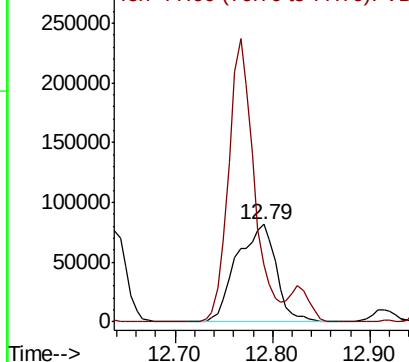
Ion Ratio Lower Upper

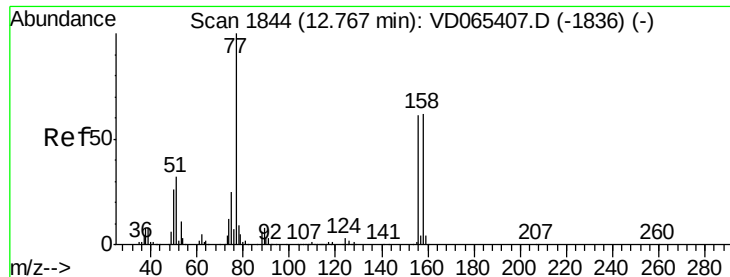
75 100

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: 51.608 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

ClientSampleId :

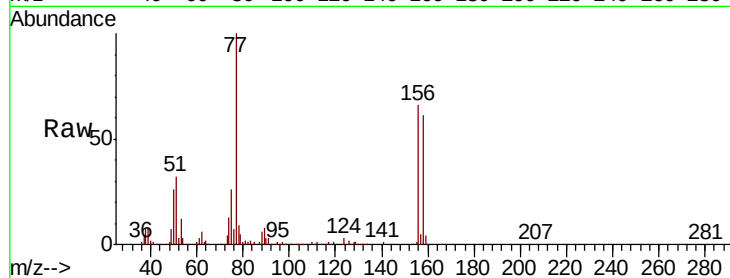
Tot Ion:156 Resp: 255783

Ion Ratio Lower Upper

156 100

77 167.9 84.9 254.6

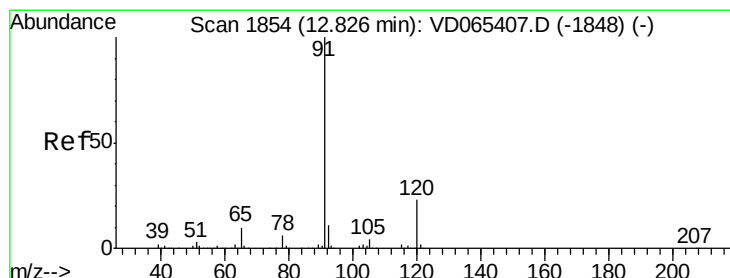
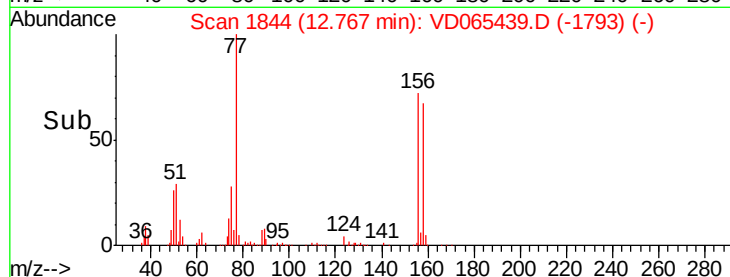
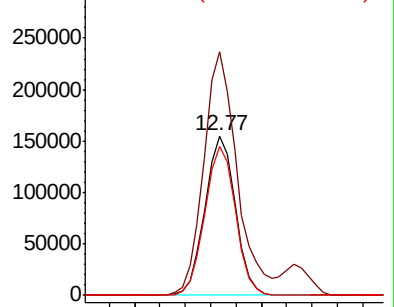
158 94.5 49.0 147.2



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: 51.256 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065439.D

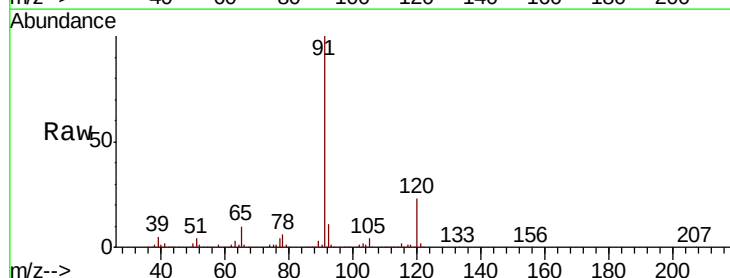
Acq: 05 Mar 2020 18:59

Tgt Ion: 91 Resp: 1213196

Ion Ratio Lower Upper

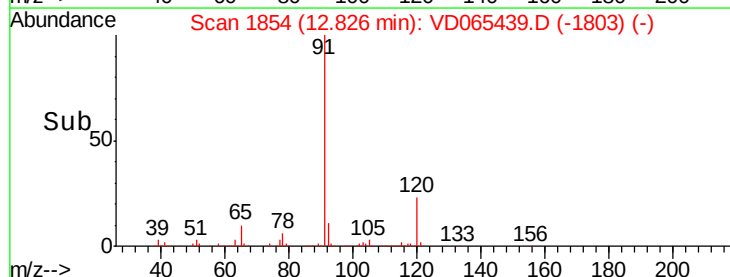
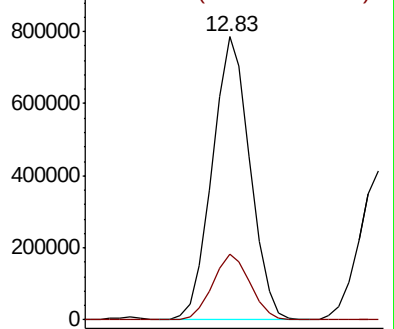
91 100

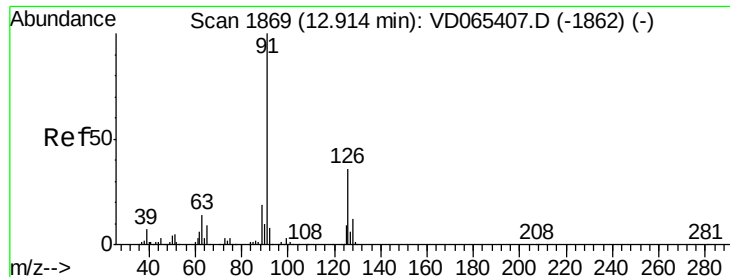
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.350 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

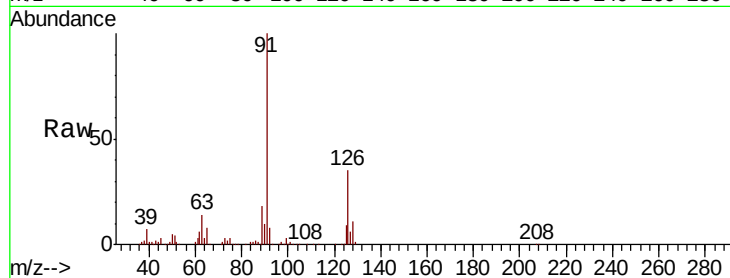
ClientSampled :

Tot Ion: 91 Resp: 671651

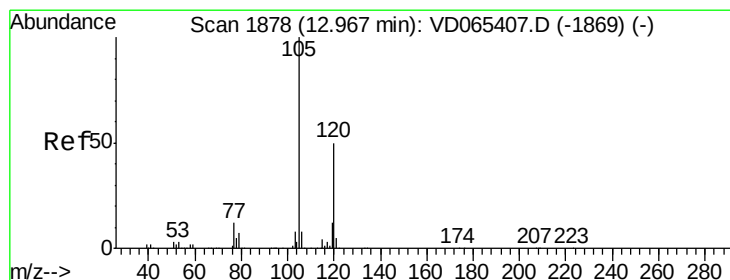
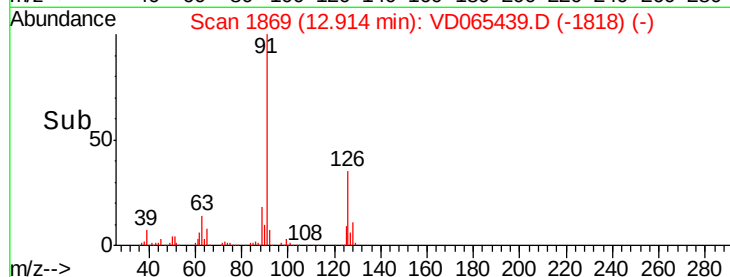
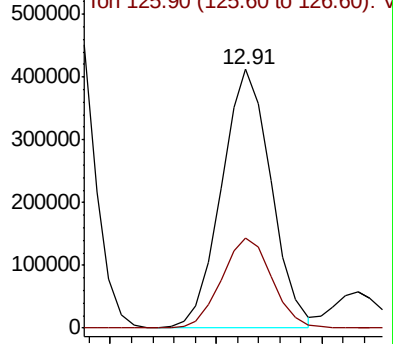
Ion Ratio Lower Upper

91 100

126 35.5 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VD065407.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.204 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065439.D

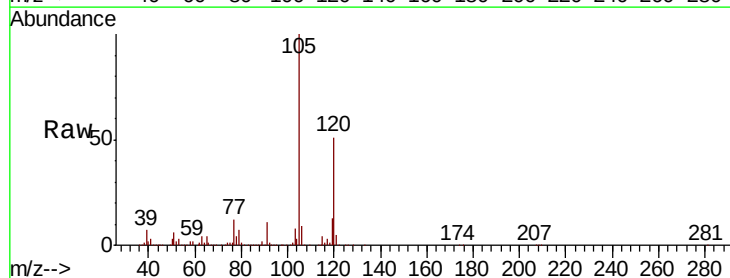
Acq: 05 Mar 2020 18:59

Tgt Ion: 105 Resp: 839755

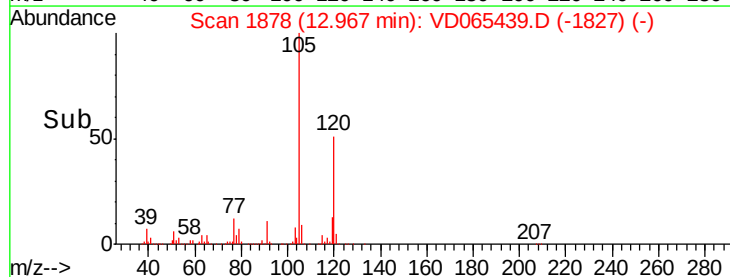
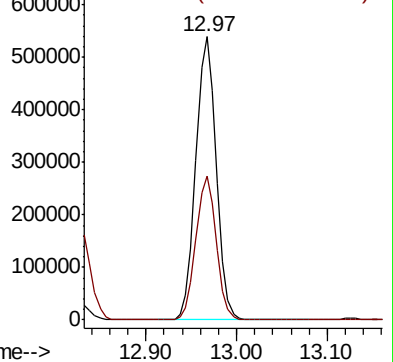
Ion Ratio Lower Upper

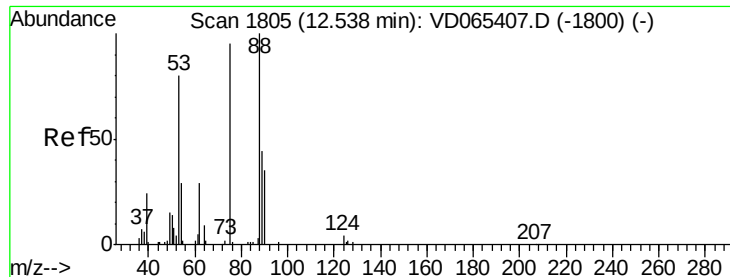
105 100

120 50.7 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065407.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.685 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

ClientSampleId :

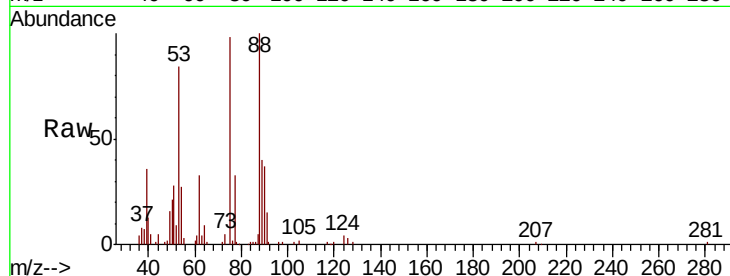
Tot Ion: 75 Resp: 57480

Ion Ratio Lower Upper

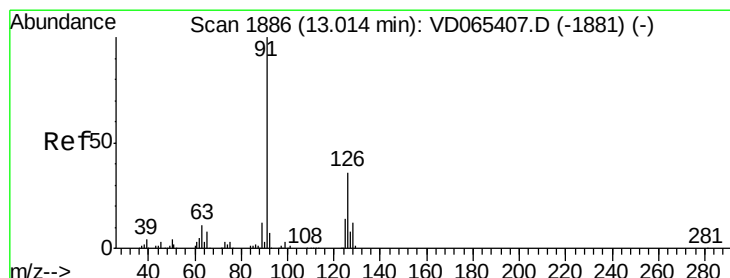
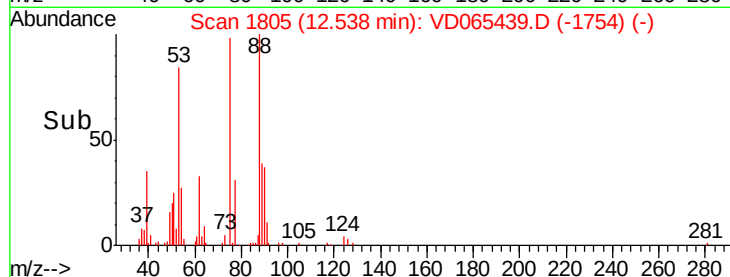
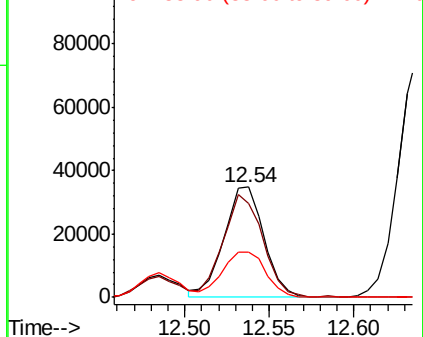
75 100

53 94.0 71.3 106.9

89 44.3 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: 51.196 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065439.D

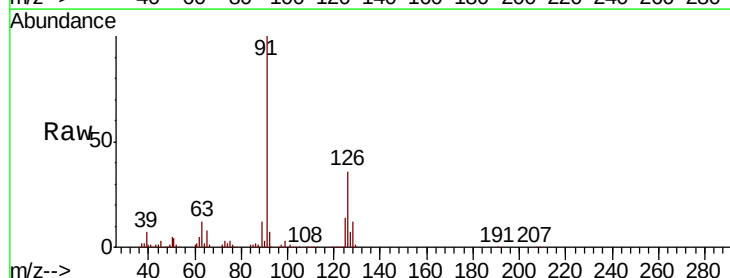
Acq: 05 Mar 2020 18:59

Tgt Ion: 91 Resp: 717651

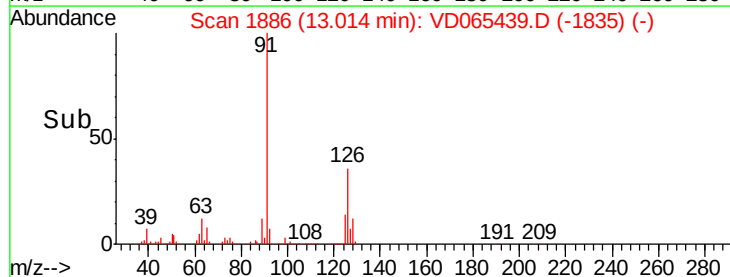
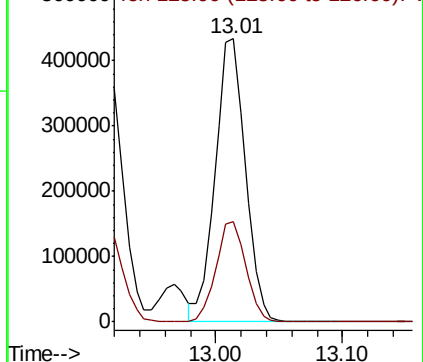
Ion Ratio Lower Upper

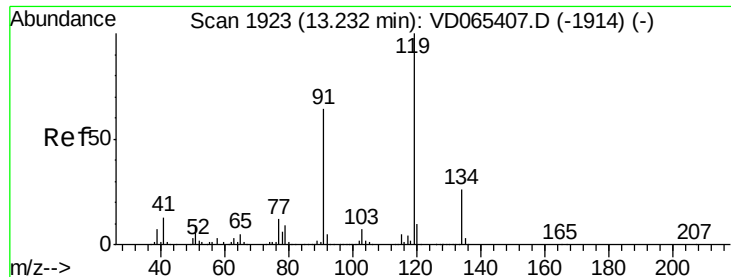
91 100

126 35.2 17.6 52.8



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

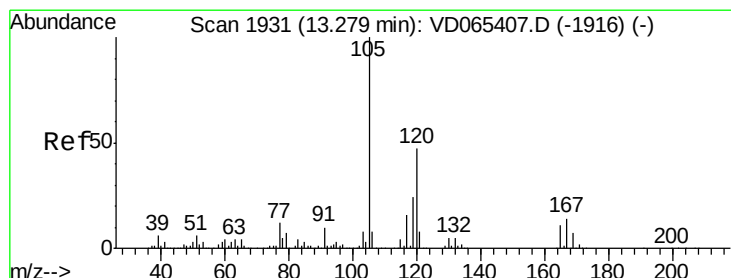
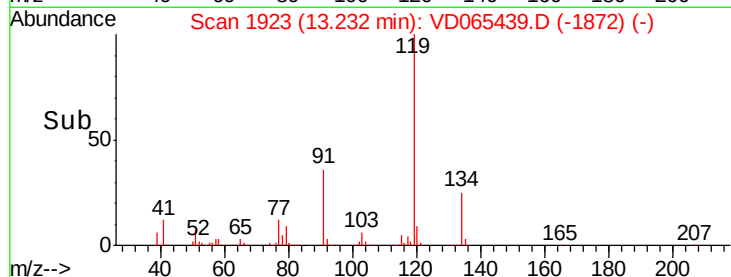
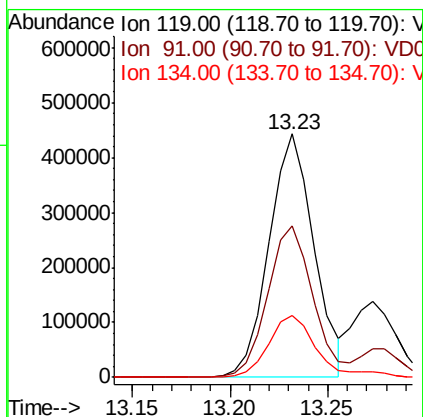
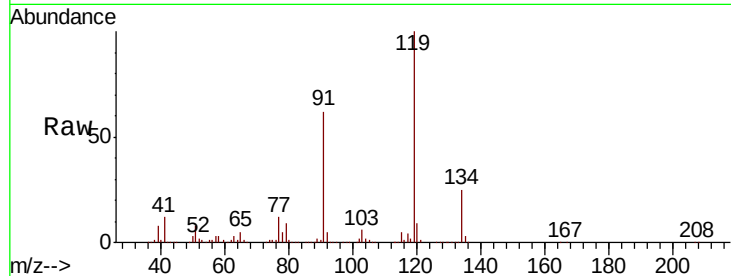




#83
 tert-Butylbenzene
 Concen: 50.955 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

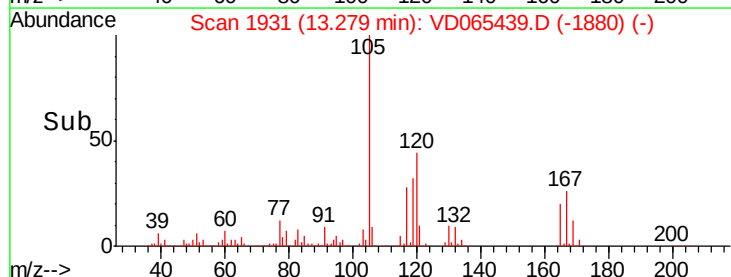
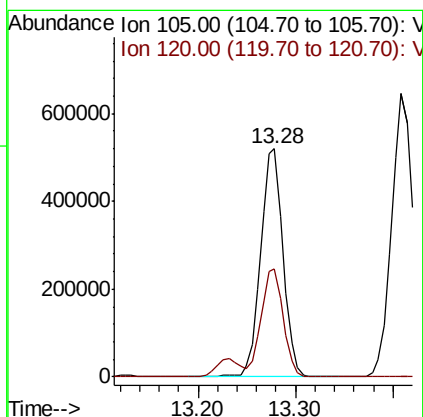
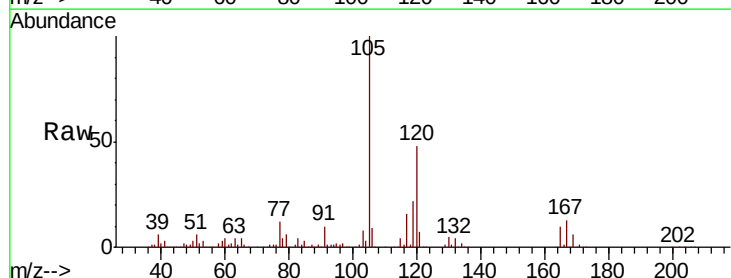
Instrument :
 MSVOA_D
 ClientSampleId :

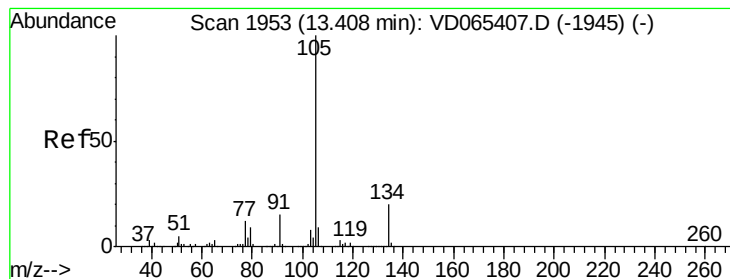
Tot Ion:119 Resp: 706978
 Ion Ratio Lower Upper
 119 100
 91 63.2 31.6 95.0
 134 27.4 14.2 42.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.086 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Tgt Ion:105 Resp: 842019
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.3





#85

sec-Butylbenzene

Concen: 50.225 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

Instrument :

MSVOA_D

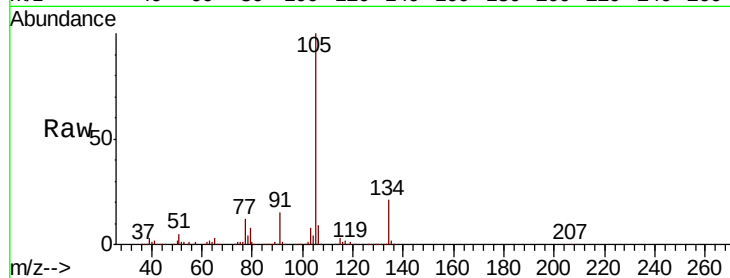
ClientSampleId :

Tot Ion:105 Resp: 994690

Ion Ratio Lower Upper

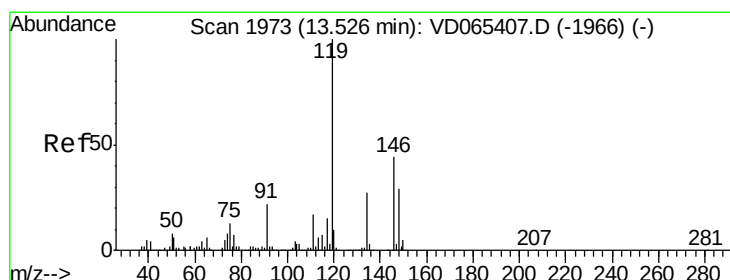
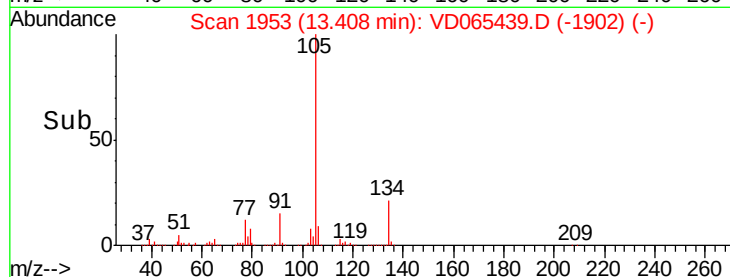
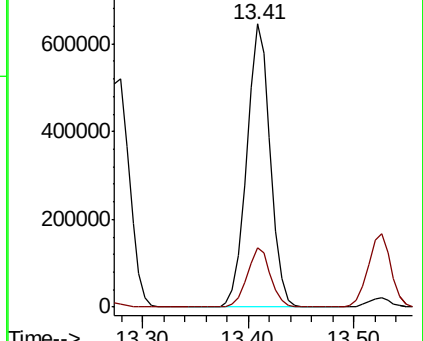
105 100

134 20.9 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.183 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065439.D

Acq: 05 Mar 2020 18:59

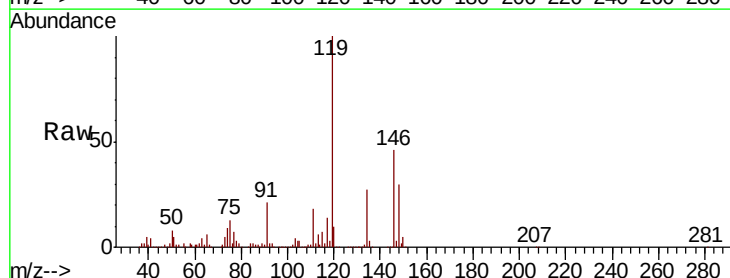
Tgt Ion:119 Resp: 924973

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

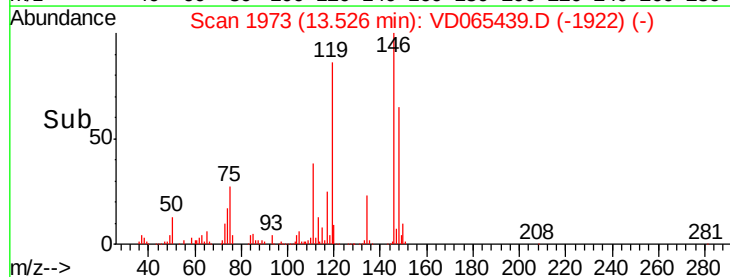
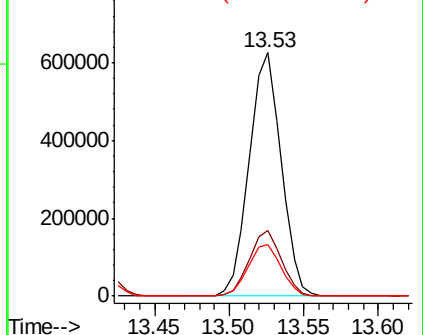
91 21.7 10.9 32.6

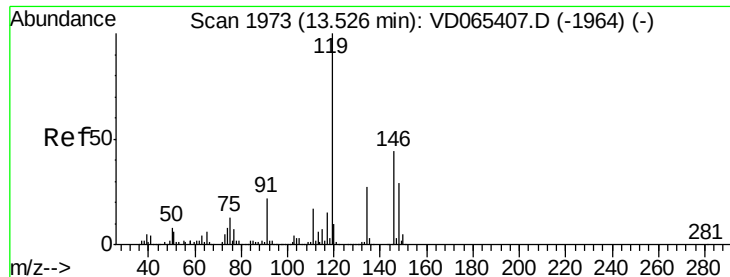


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

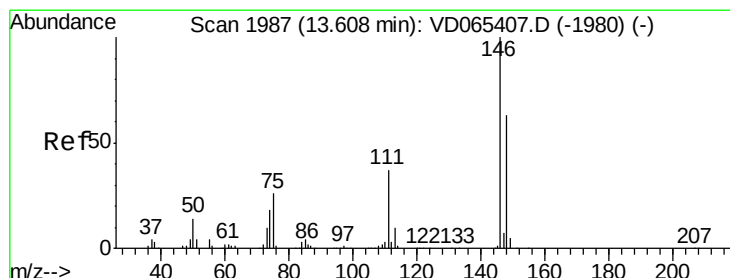
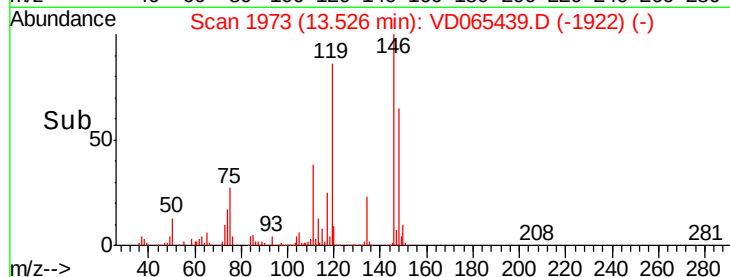
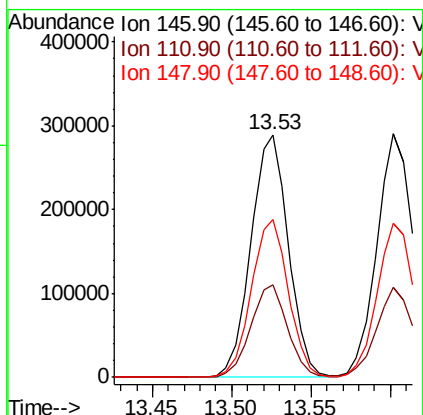
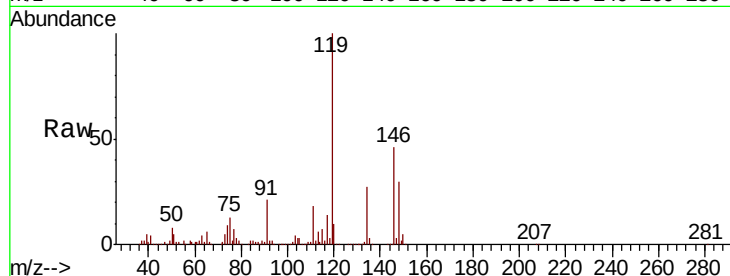




#87
 1,3-Dichlorobenzene
 Concen: 49.821 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

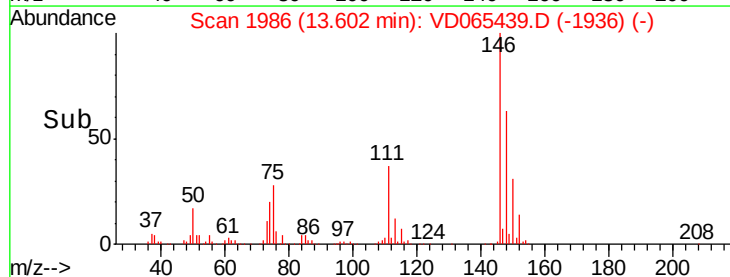
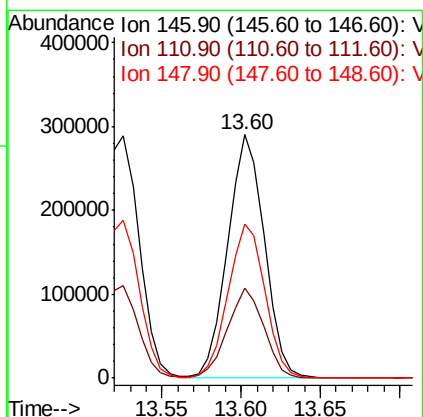
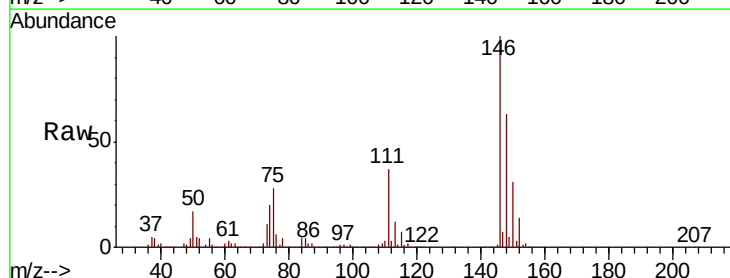
Instrument :
 MSVOA_D
 ClientSampleId :

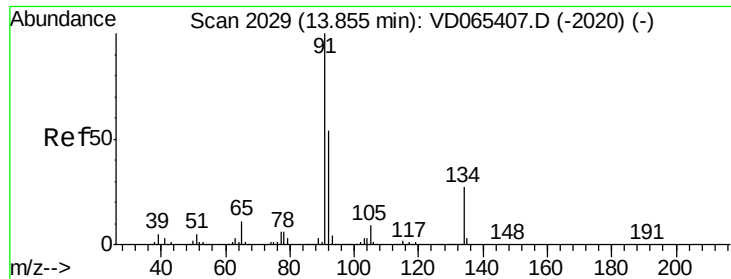
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	64.4	32.3	96.8



#88
 1,4-Dichlorobenzene
 Concen: 49.079 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.5	55.5
148	63.8	32.0	96.0

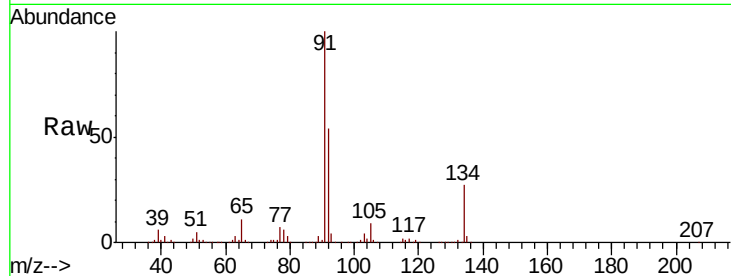




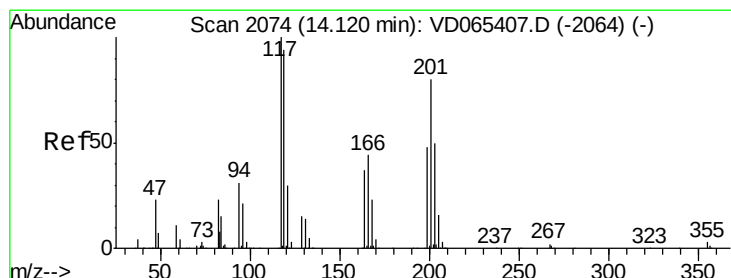
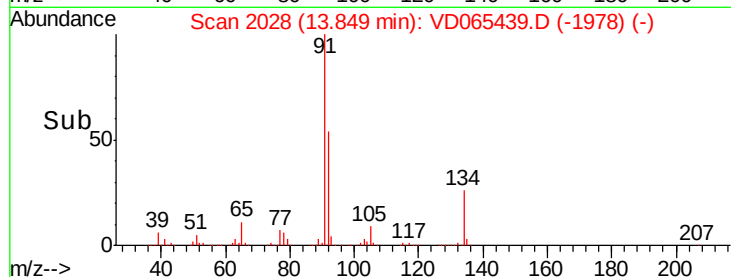
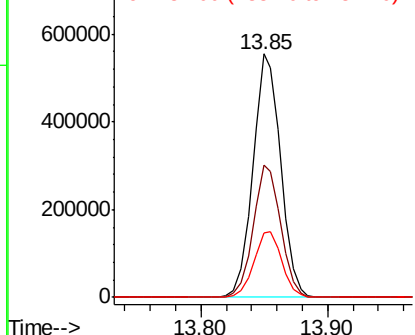
#89
n-Butylbenzene
Concen: 50.422 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 91 Resp: 842414
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.4
134 27.2 13.4 40.2

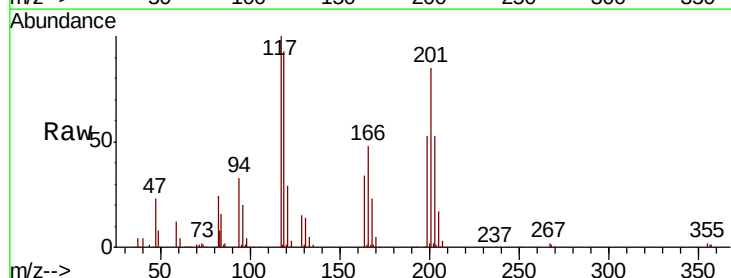


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V

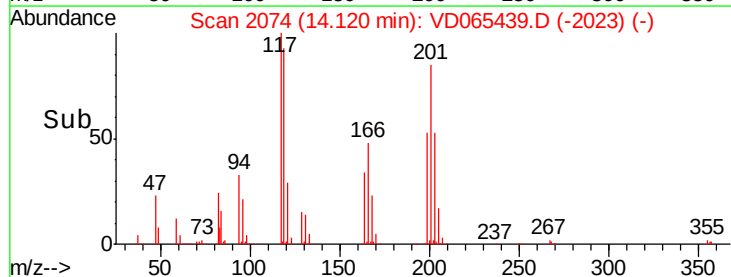
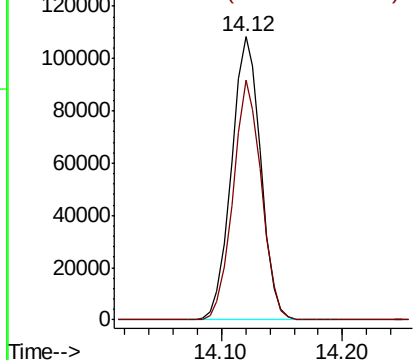


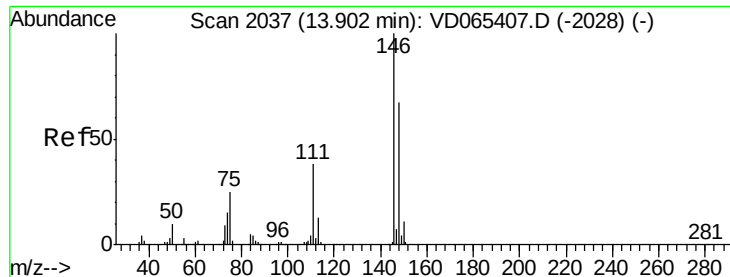
#90
Hexachloroethane
Concen: 49.020 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion: 117 Resp: 182438
Ion Ratio Lower Upper
117 100
201 82.2 41.9 125.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

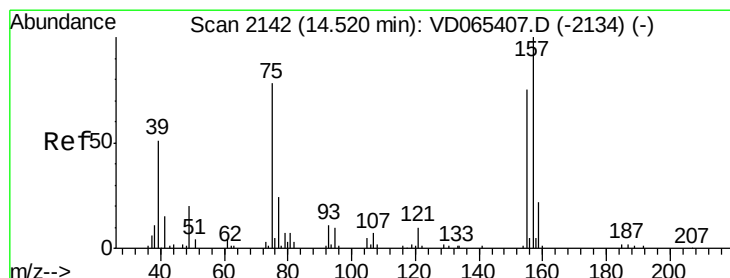
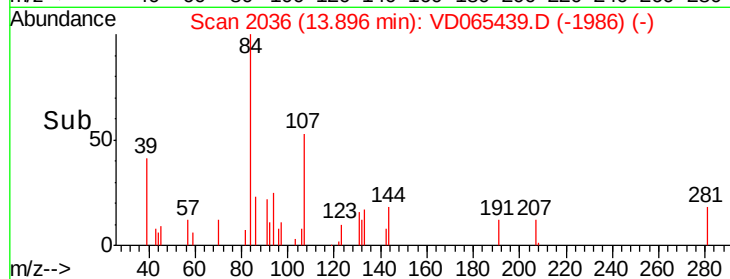
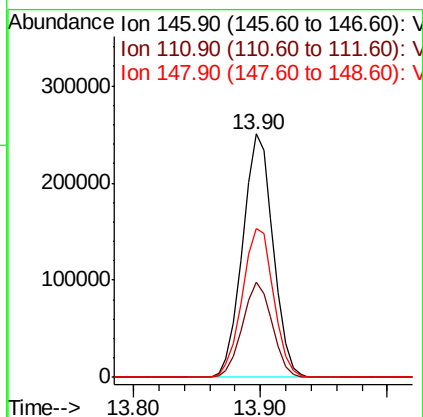
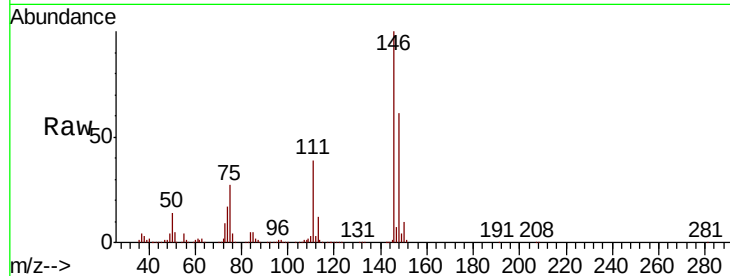




#91
 1,2-Dichlorobenzene
 Concen: 51.481 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

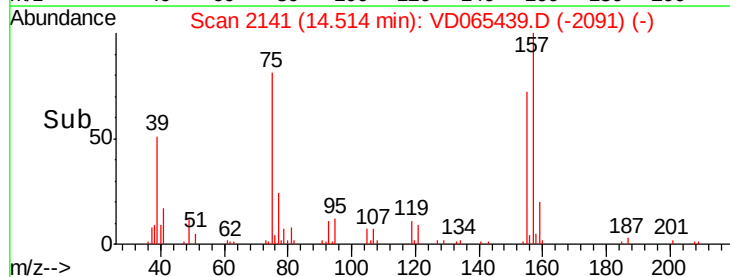
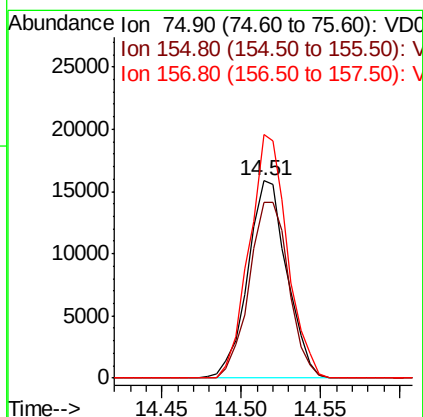
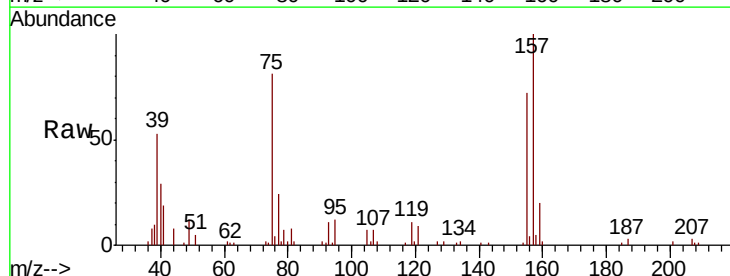
Instrument :
 MSVOA_D
 ClientSampleId :

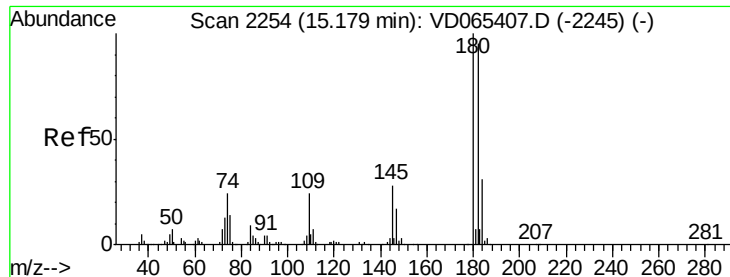
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.8	59.3
148	63.2	32.6	97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.040 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	46.4	139.1
157	119.9	60.2	180.4

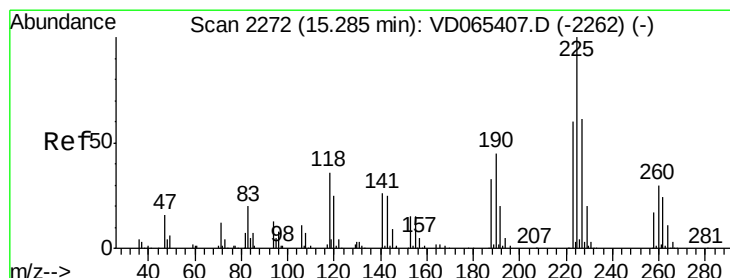
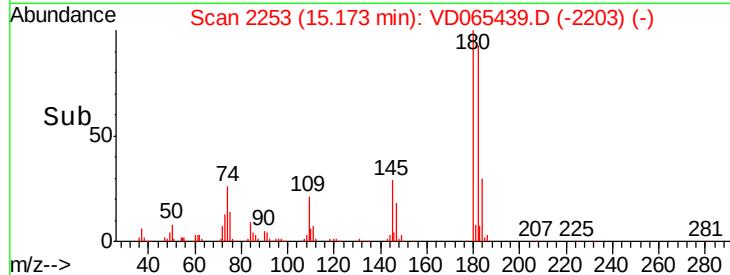
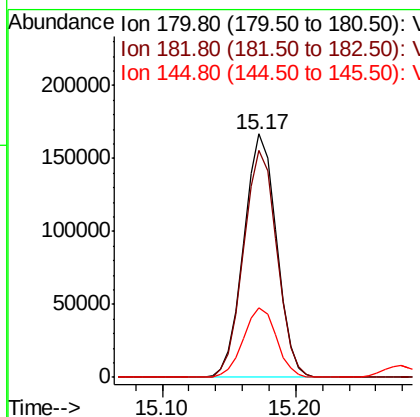
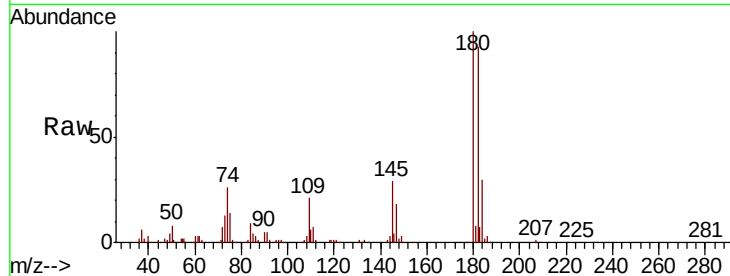




#93
 1,2,4-Trichlorobenzene
 Concen: 51.527 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

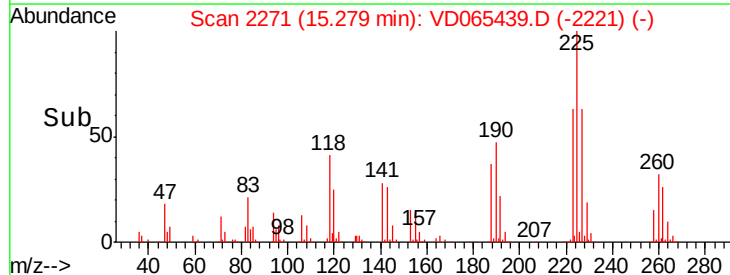
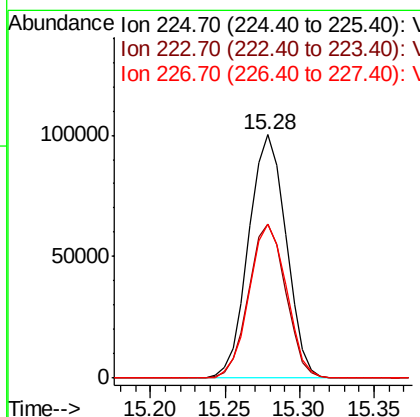
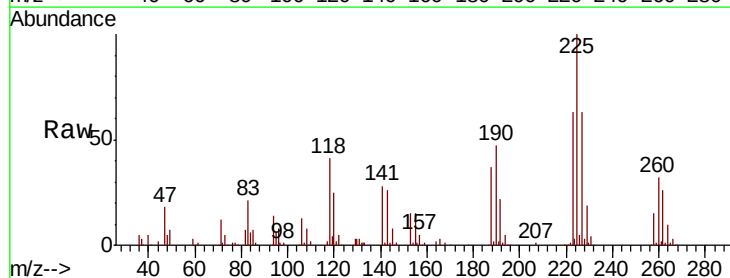
Instrument :
 MSVOA_D
 ClientSampled :

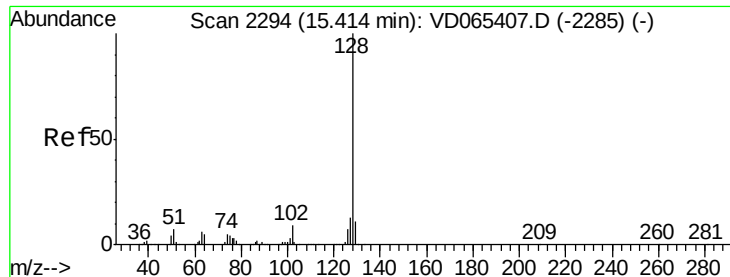
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.3	144.9
145	28.8	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 48.247 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065439.D
 Acq: 05 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.9	92.5
227	62.8	31.6	94.7

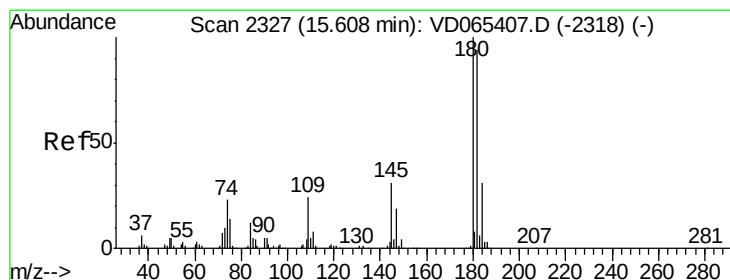
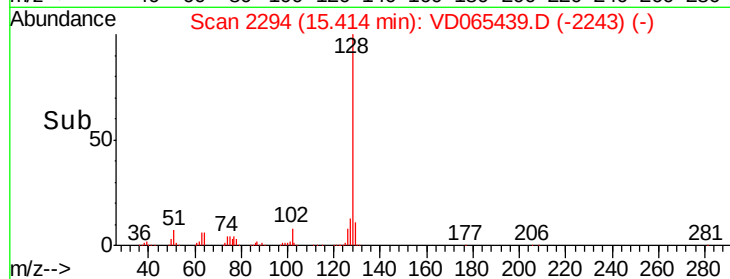
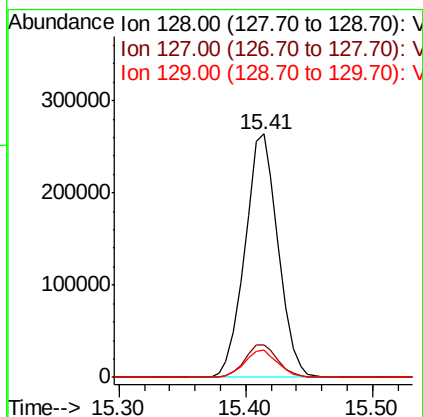
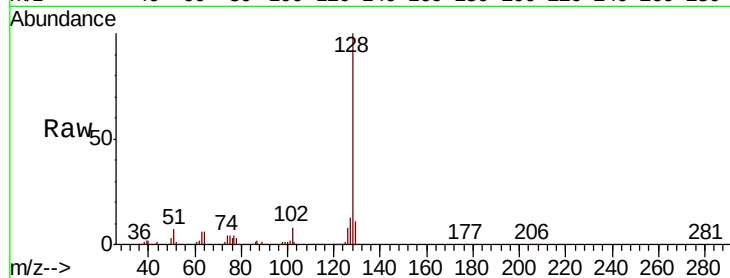




#95
Naphthalene
Concen: 48.980 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 478820
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.125 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD065439.D
Acq: 05 Mar 2020 18:59

Tgt Ion:180 Resp: 247551
Ion Ratio Lower Upper
180 100
182 95.6 46.9 140.6
145 30.3 15.0 45.1

