

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065758.D
 Acq On : 26 May 2020 13:28
 Operator : VA/SY
 Sample : VD0526SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBS01

Quant Time: May 27 04:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	277572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	423184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	383948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	185353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	123737	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	
35) Dibromofluoromethane	7.92	113	127758	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
50) Toluene-d8	10.34	98	476522	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.64	95	161156	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	37737	20.722	ug/l	97
3) Chloromethane	2.21	50	58304	22.338	ug/l	98
4) Vinyl Chloride	2.35	62	65519	23.183	ug/l	98
5) Bromomethane	2.76	94	45347	24.285	ug/l	97
6) Chloroethane	2.91	64	45150	24.630	ug/l	98
7) Trichlorofluoromethane	3.27	101	87504	22.397	ug/l	99
8) Diethyl Ether	3.71	74	24115	21.481	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	54072	22.516	ug/l	96
10) Methyl Iodide	4.30	142	52732	21.019	ug/l	98
11) Tert butyl alcohol	5.21	59	21169m	78.856	ug/l	
12) 1,1-Dichloroethene	4.07	96	50452	22.150	ug/l	94
13) Acrolein	3.93	56	14039	102.880	ug/l	92
14) Allyl chloride	4.71	41	84536	21.465	ug/l	97
15) Acrylonitrile	5.43	53	53145	107.160	ug/l	98
16) Acetone	4.16	43	46990	102.417	ug/l	99
17) Carbon Disulfide	4.41	76	154628	21.494	ug/l #	94
18) Methyl Acetate	4.72	43	25848	22.544	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	113279	21.317	ug/l	97
20) Methylene Chloride	4.96	84	56625	21.876	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	58750	22.402	ug/l	95
22) Diisopropyl ether	6.37	45	166135	22.158	ug/l	95
23) Vinyl Acetate	6.31	43	453020	102.724	ug/l	99
24) 1,1-Dichloroethane	6.27	63	98134	22.354	ug/l	99
25) 2-Butanone	7.21	43	67313	102.633	ug/l	97
26) 2,2-Dichloropropane	7.21	77	88561	21.735	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	62112	21.612	ug/l	96
28) Bromochloromethane	7.56	49	38261	21.198	ug/l	96
29) Tetrahydrofuran	7.57	42	42772	102.859	ug/l	97
30) Chloroform	7.71	83	102052	23.002	ug/l	99
31) Cyclohexane	7.99	56	95599	21.513	ug/l #	95
32) 1,1,1-Trichloroethane	7.91	97	94790	22.807	ug/l	97
36) 1,1-Dichloropropene	8.12	75	81950	22.299	ug/l	98
37) Ethyl Acetate	7.30	43	31978	20.311	ug/l	98
38) Carbon Tetrachloride	8.10	117	85126	21.839	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	97829	20.771	ug/l	98
40) Benzene	8.36	78	222302	21.997	ug/l	99
41) Methacrylonitrile	7.54	41	19627m	22.635	ug/l	
42) 1,2-Dichloroethane	8.43	62	64441	22.902	ug/l	99
43) Isopropyl Acetate	8.46	43	62431	20.006	ug/l	99
44) Trichloroethene	9.11	130	61126	20.204	ug/l	83
45) 1,2-Dichloropropane	9.39	63	55195	22.152	ug/l	96
46) Dibromomethane	9.48	93	28805	21.440	ug/l	93
47) Bromodichloromethane	9.67	83	78914	22.440	ug/l	98
48) Methyl methacrylate	9.46	41	30707	20.963	ug/l	97
49) 1,4-Dioxane	9.46	88	5904	372.432	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	154613	103.533	ug/l	98
52) Toluene	10.41	92	142605	21.540	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	72801	21.190	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	88349	21.619	ug/l	95
55) 1,1,2-Trichloroethane	10.81	97	39218	21.427	ug/l	95
56) Ethyl methacrylate	10.67	69	47679	19.987	ug/l	95
57) 1,3-Dichloropropane	10.95	76	66849	20.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	117867	106.203	ug/l	100
59) 2-Hexanone	10.99	43	106544	104.769	ug/l	93
60) Dibromochloromethane	11.14	129	53609	21.872	ug/l	100
61) 1,2-Dibromoethane	11.25	107	37691	20.619	ug/l	98
64) Tetrachloroethene	10.88	164	53488	20.147	ug/l	97
65) Chlorobenzene	11.68	112	154176	21.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	54492	20.117	ug/l	95
67) Ethyl Benzene	11.75	91	276520	21.434	ug/l	98
68) m/p-Xylenes	11.86	106	213607	43.352	ug/l	100
69) o-Xylene	12.18	106	96656	21.073	ug/l	95
70) Styrene	12.20	104	165712	21.170	ug/l	99
71) Bromoform	12.37	173	29360	19.638	ug/l #	96
73) Isopropylbenzene	12.48	105	270417	21.731	ug/l	98
74) N-amyl acetate	12.30	43	57963	20.062	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	42599	21.629	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	32865m	23.758	ug/l	
77) Bromobenzene	12.77	156	64771	21.595	ug/l	99
78) n-propylbenzene	12.83	91	319498	21.980	ug/l	99
79) 2-Chlorotoluene	12.91	91	177377	22.054	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	222948	21.745	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	13335	18.912	ug/l	92
82) 4-Chlorotoluene	13.01	91	185223	21.844	ug/l	99
83) tert-Butylbenzene	13.23	119	193545	21.288	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	221483	21.904	ug/l	97
85) sec-Butylbenzene	13.41	105	270815	21.891	ug/l	98
86) p-Isopropyltoluene	13.53	119	246665	21.692	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	120913	21.494	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	123054	21.961	ug/l	99
89) n-Butylbenzene	13.85	91	234688	22.072	ug/l	100
90) Hexachloroethane	14.12	117	46820	21.046	ug/l	92
91) 1,2-Dichlorobenzene	13.90	146	104113	21.397	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6831	20.741	ug/l	89

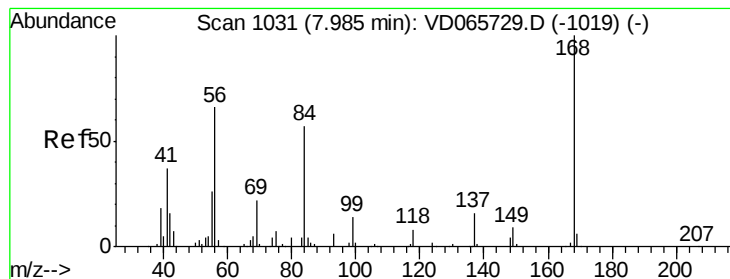
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052620\
Data File : VD065758.D
Acq On : 26 May 2020 13:28
Operator : VA/SY
Sample : VD0526SBSD01
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	75536	20.406	ug/l	98
94) Hexachlorobutadiene	15.27	225	44284	19.954	ug/l	98
95) Naphthalene	15.41	128	120168	19.518	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	64741	20.514	ug/l	100

(#) = 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: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

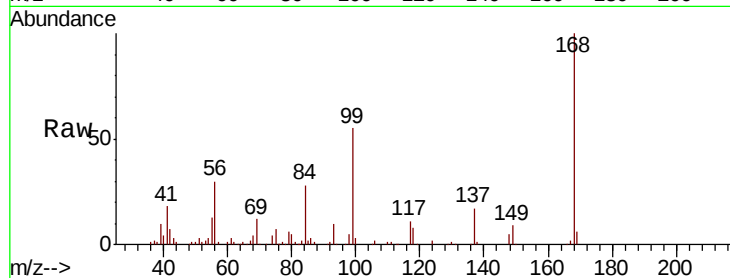
VD0526SBSD01

Tot Ion:168 Resp: 277572

Ion Ratio Lower Upper

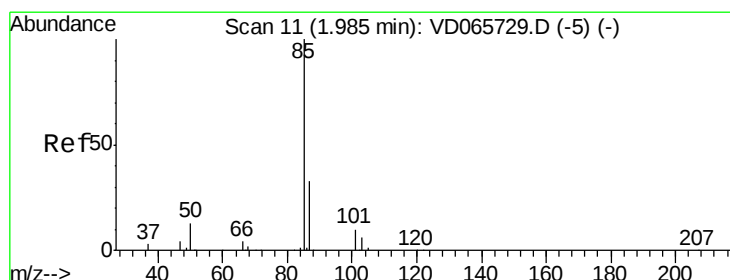
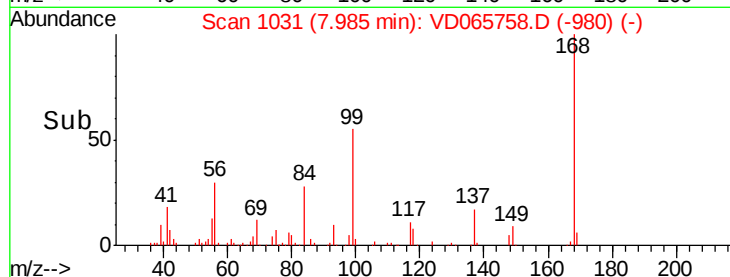
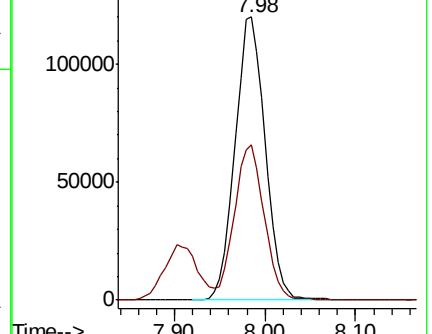
168 100

99 54.7 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.722 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065758.D

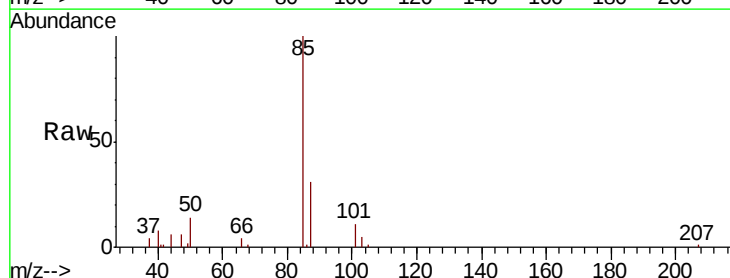
Acq: 26 May 2020 13:28

Tgt Ion: 85 Resp: 37737

Ion Ratio Lower Upper

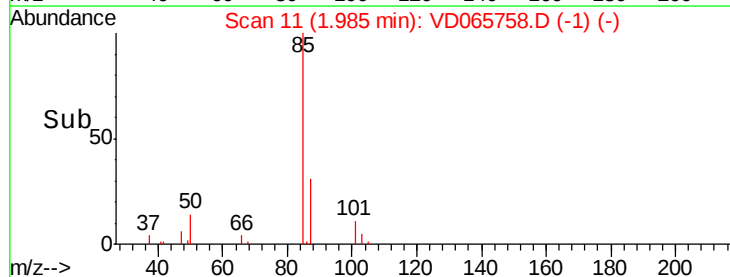
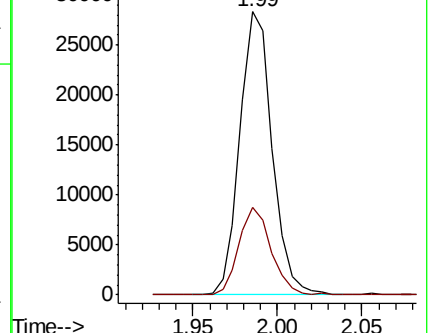
85 100

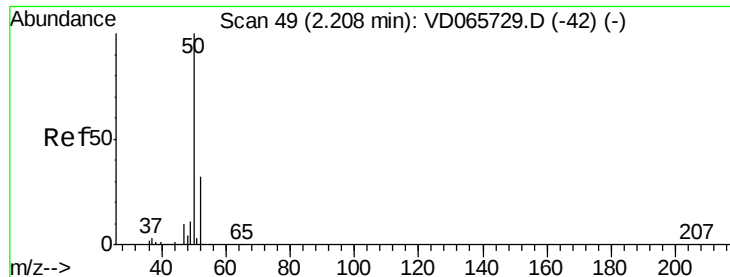
87 30.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

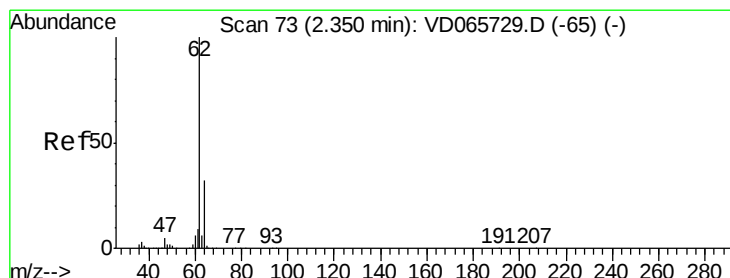
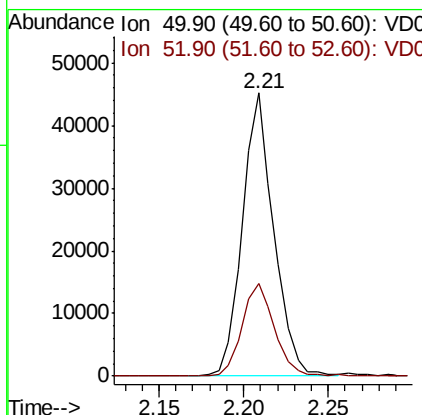
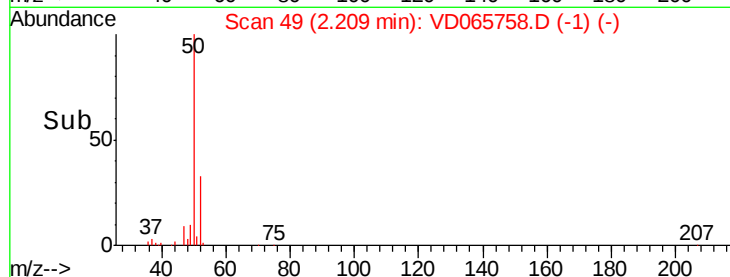
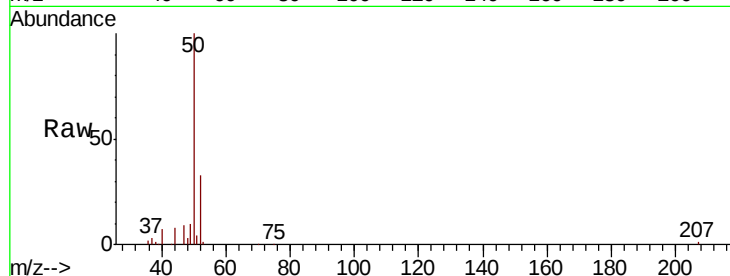




#3
Chloromethane
Concen: 22.338 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

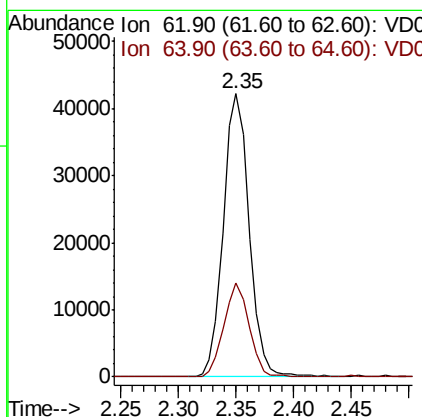
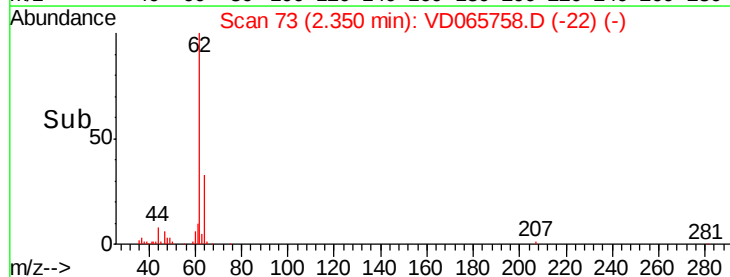
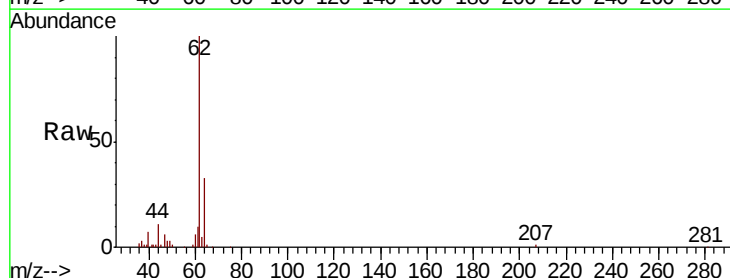
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

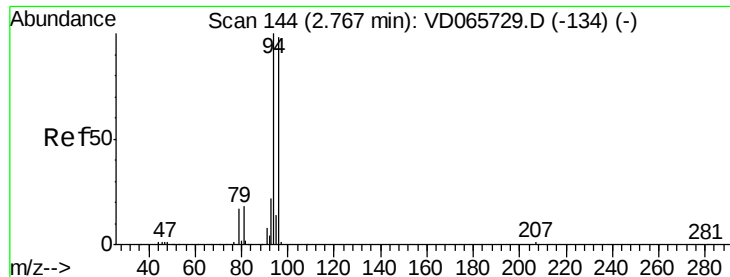
Tot Ion: 50 Resp: 58304
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3



#4
Vinyl Chloride
Concen: 23.183 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 62 Resp: 65519
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.6





#5

Bromomethane

Concen: 24.285 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

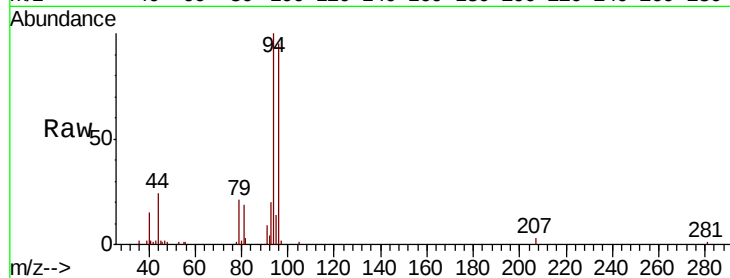
VD0526SBSD01

Tot Ion: 94 Resp: 45347

Ion Ratio Lower Upper

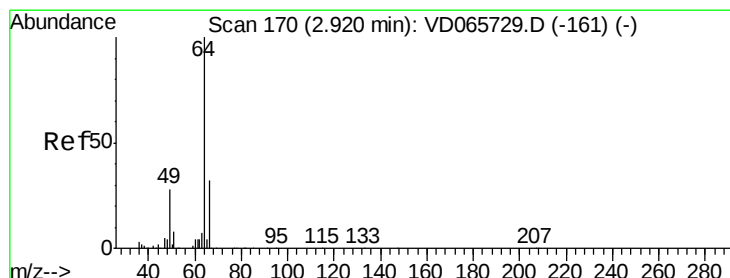
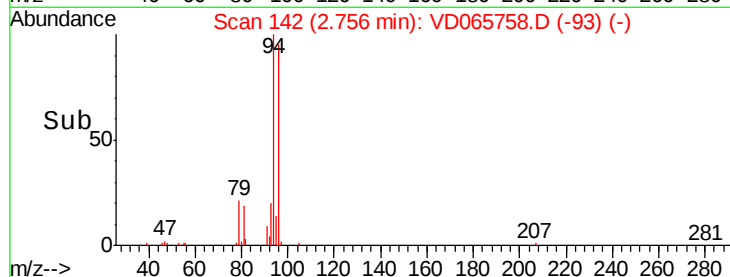
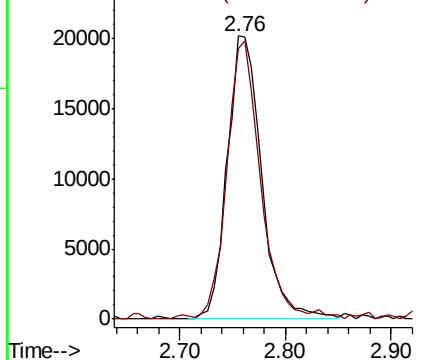
94 100

96 94.3 78.1 117.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 24.630 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065758.D

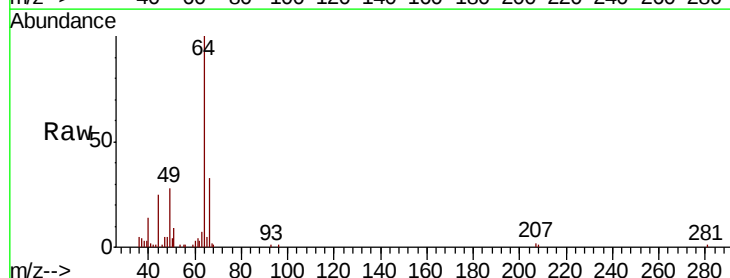
Acq: 26 May 2020 13:28

Tgt Ion: 64 Resp: 45150

Ion Ratio Lower Upper

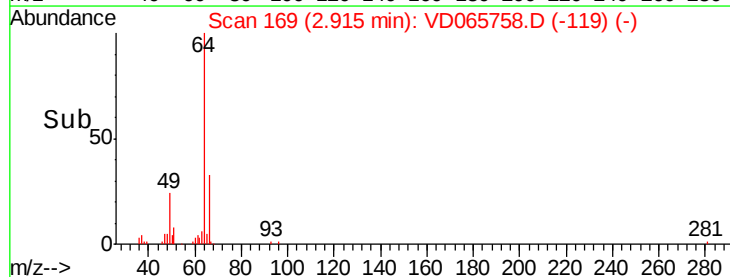
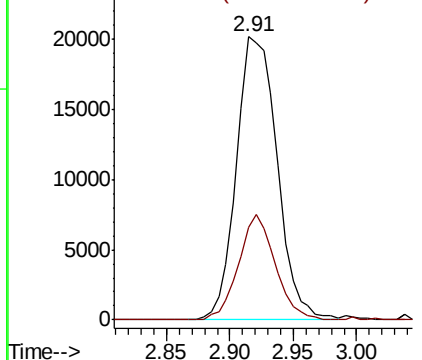
64 100

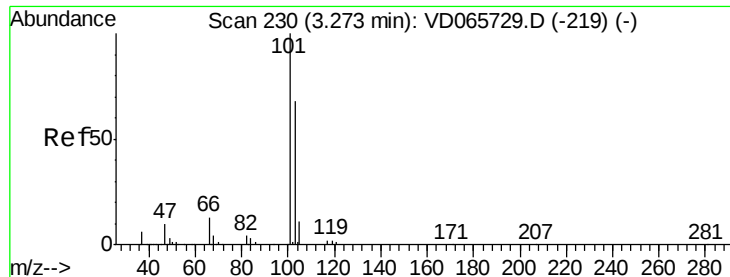
66 32.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



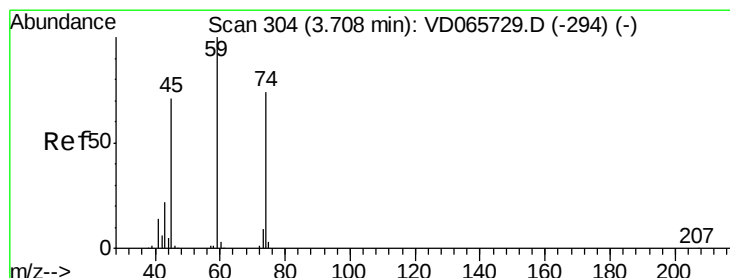
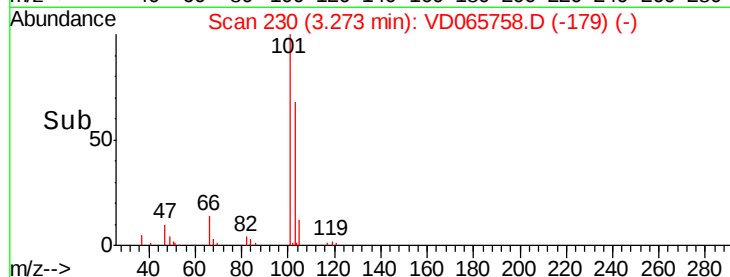
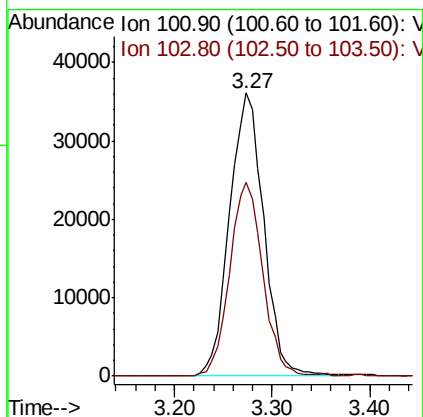
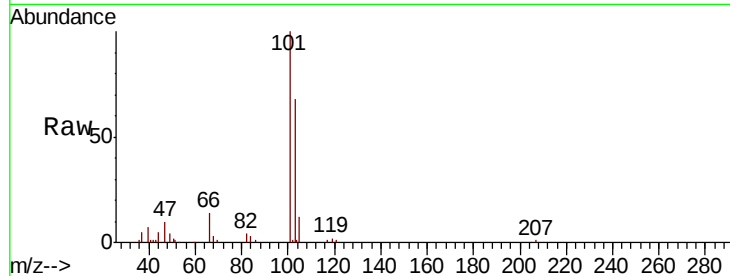


#7

Trichlorofluoromethane
 Concen: 22.397 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBSD01

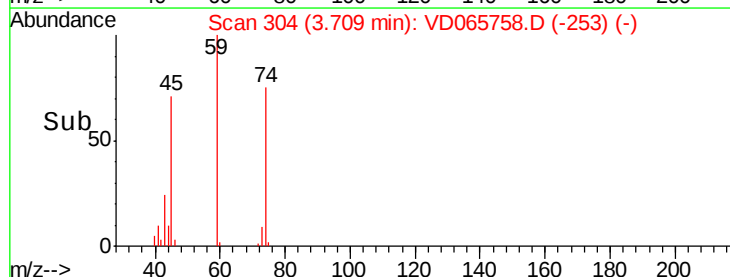
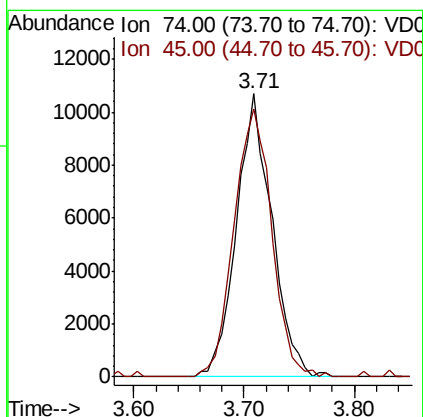
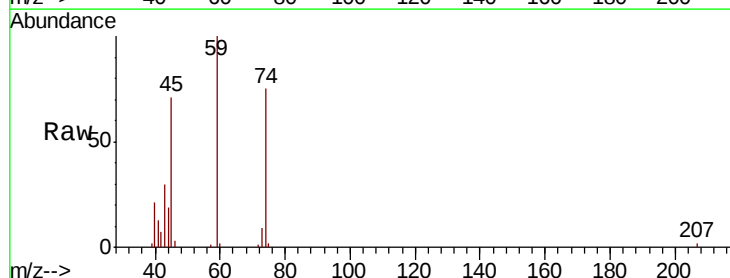
Tot Ion:101 Resp: 87504
 Ion Ratio Lower Upper
 101 100
 103 68.4 54.1 81.1

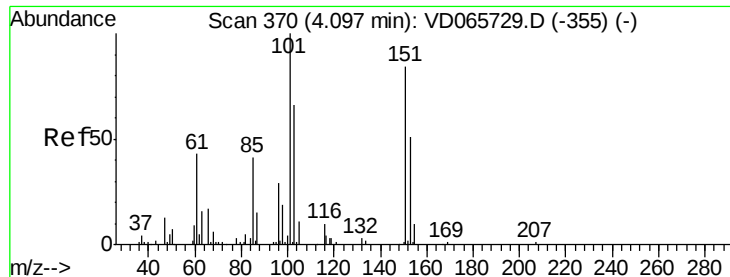


#8

Diethyl Ether
 Concen: 21.481 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

Tgt Ion: 74 Resp: 24115
 Ion Ratio Lower Upper
 74 100
 45 100.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.516 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

VD0526SBSD01

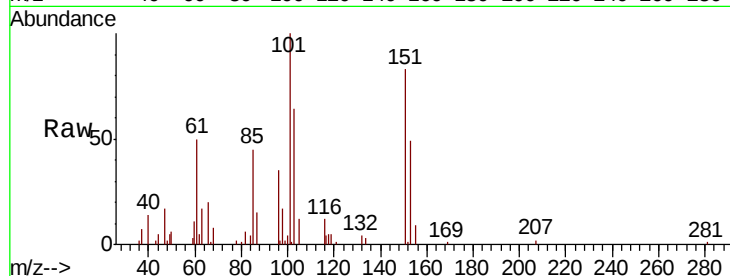
Tot Ion:101 Resp: 54072

Ion Ratio Lower Upper

101 100

85 44.1 34.1 51.1

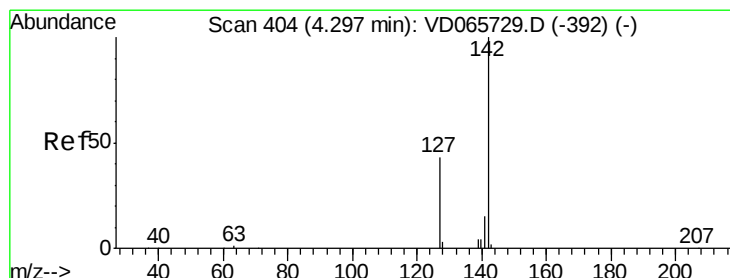
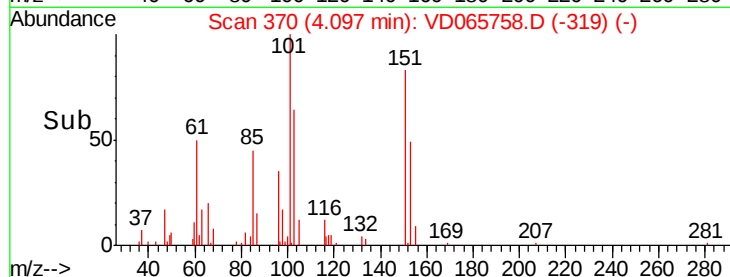
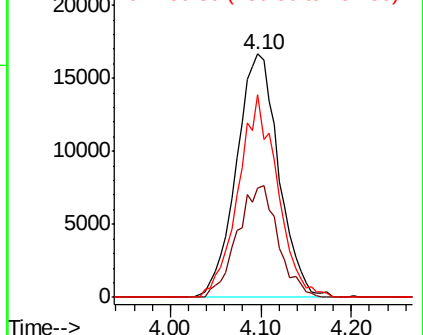
151 76.9 65.1 97.7



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: 21.019 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

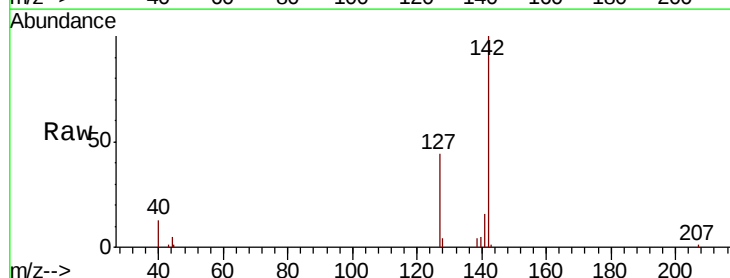
Tgt Ion:142 Resp: 52732

Ion Ratio Lower Upper

142 100

127 44.6 34.2 51.4

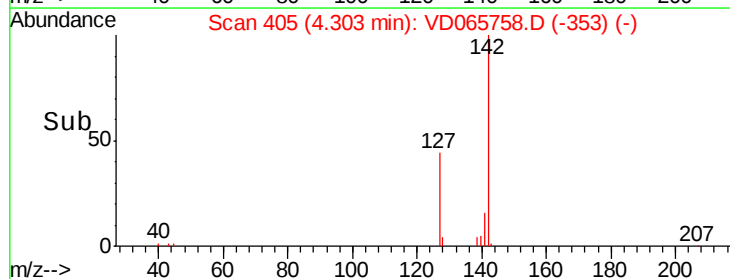
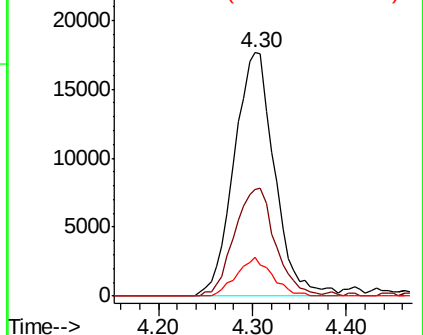
141 14.1 11.7 17.5

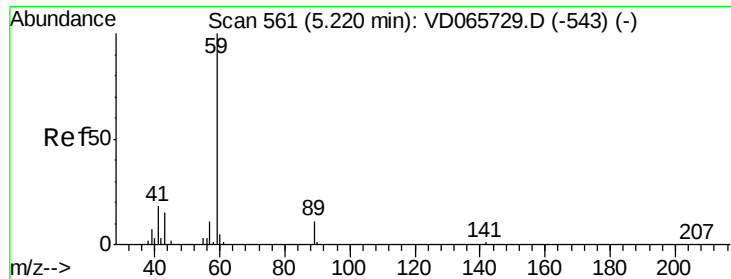


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

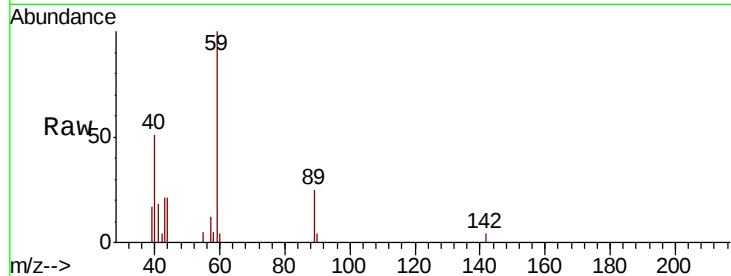




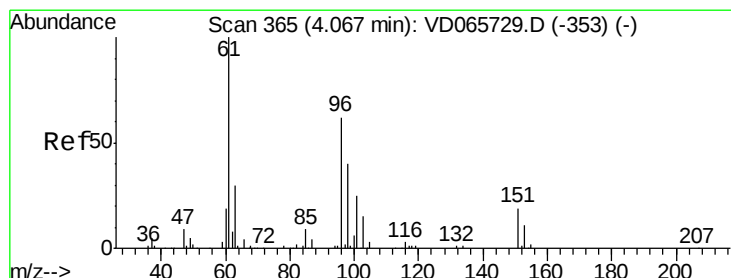
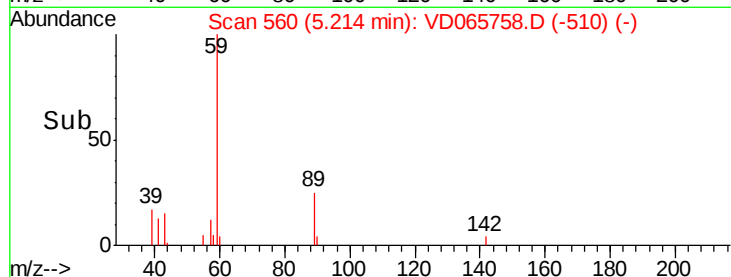
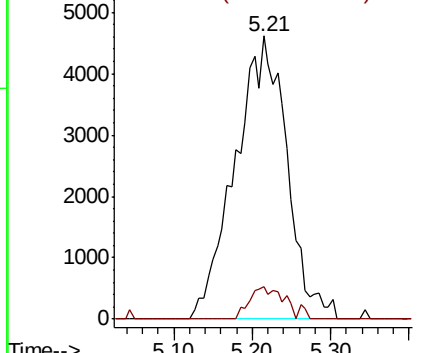
#11
Tert butyl alcohol
Concen: 78.856 ug/l m
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

Tot Ion: 59 Resp: 21169
Ion Ratio Lower Upper
59 100
57 7.4 7.4 11.0

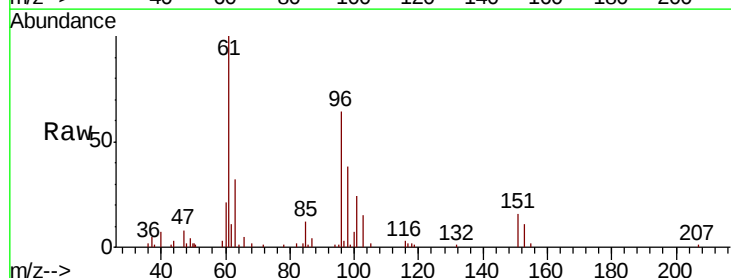


Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC

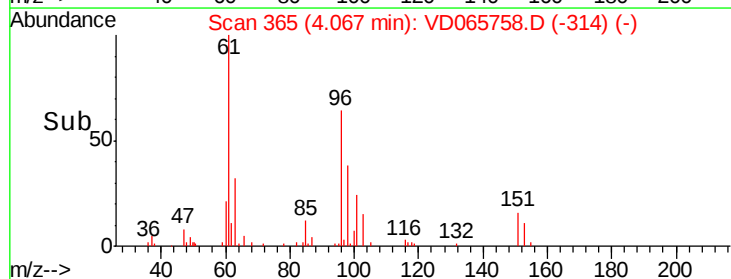
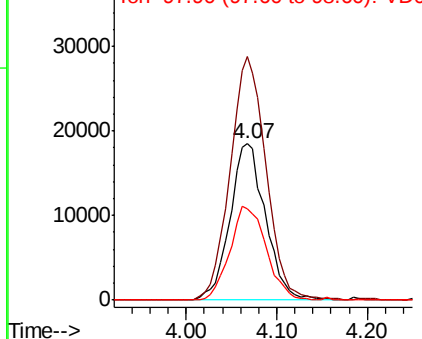


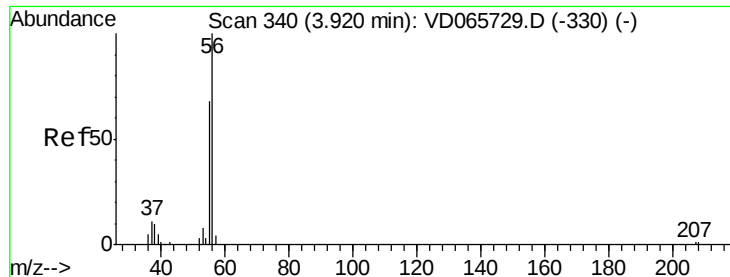
#12
1,1-Dichloroethene
Concen: 22.150 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 96 Resp: 50452
Ion Ratio Lower Upper
96 100
61 155.7 130.0 195.0
98 58.6 52.3 78.5



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





#13

Acrolein

Concen: 102.880 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

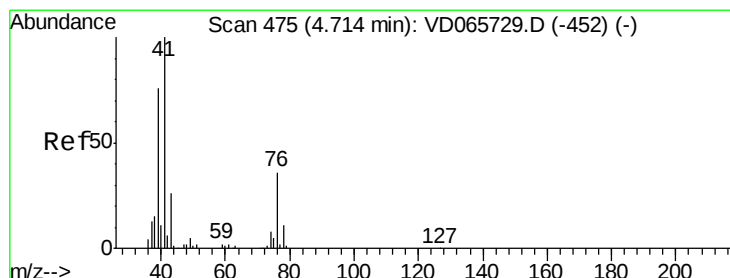
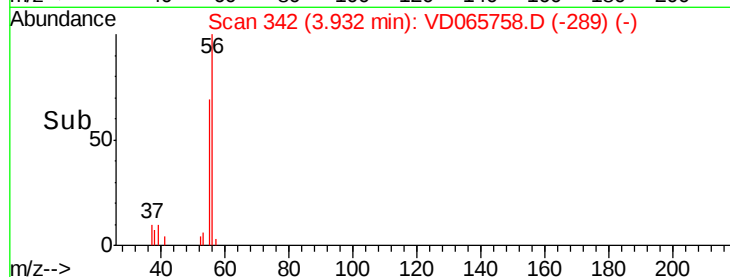
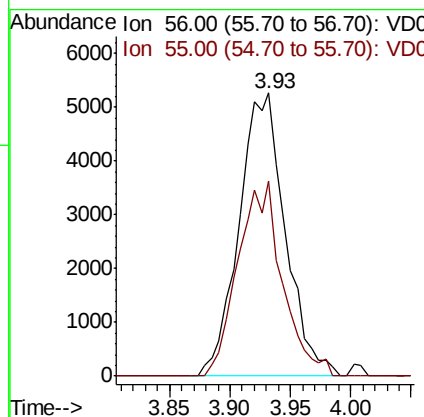
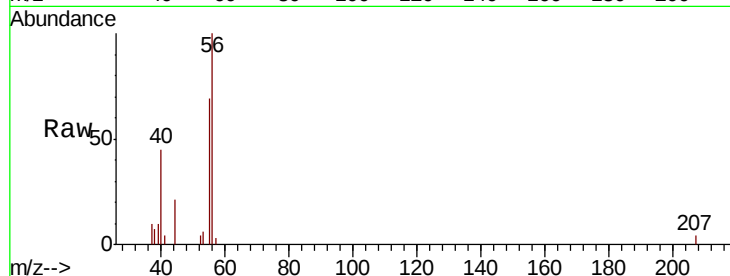
VD0526SBS01

Tot Ion: 56 Resp: 14039

Ion Ratio Lower Upper

56 100

55 65.7 57.8 86.8



#14

Allyl chloride

Concen: 21.465 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

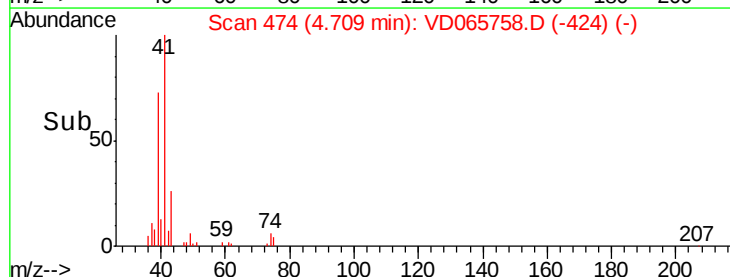
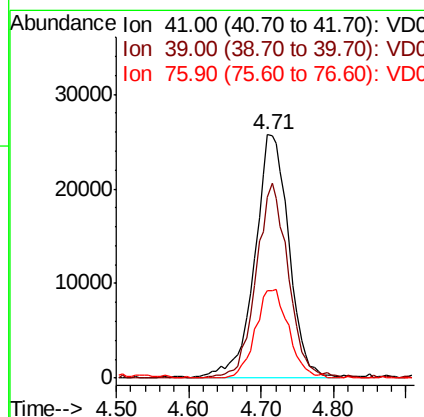
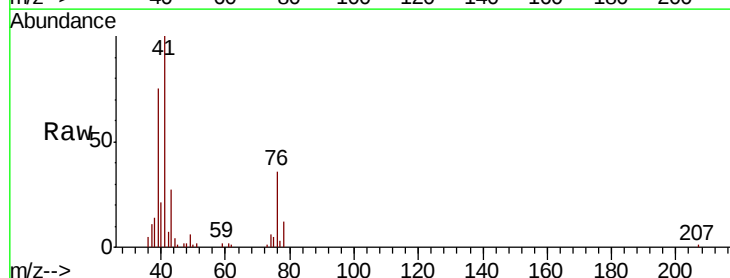
Tgt Ion: 41 Resp: 84536

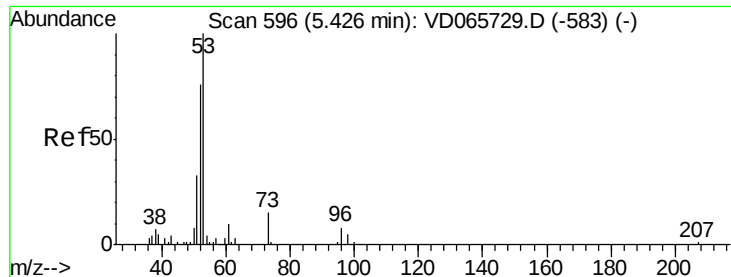
Ion Ratio Lower Upper

41 100

39 75.5 57.4 86.2

76 35.5 28.4 42.6





#15

Acrylonitrile

Concen: 107.160 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

VD0526SBSD01

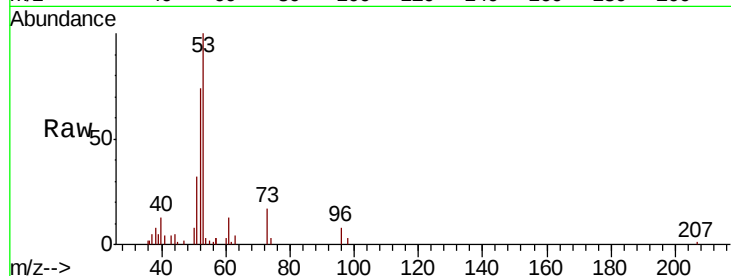
Tot Ion: 53 Resp: 53145

Ion Ratio Lower Upper

53 100

52 81.0 66.3 99.5

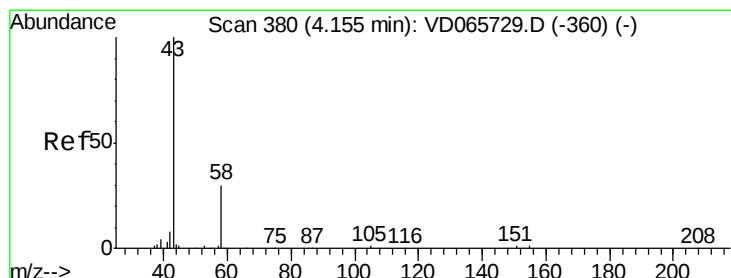
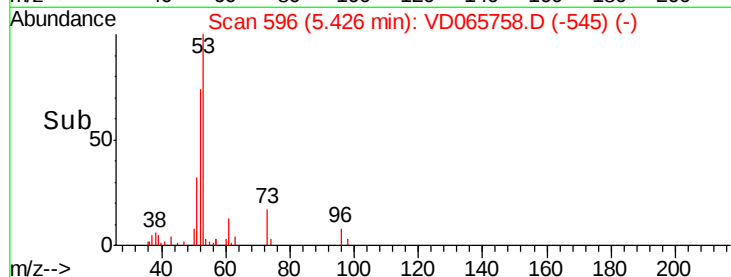
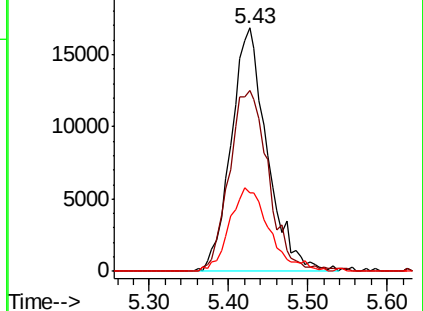
51 37.8 29.2 43.8



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: 102.417 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065758.D

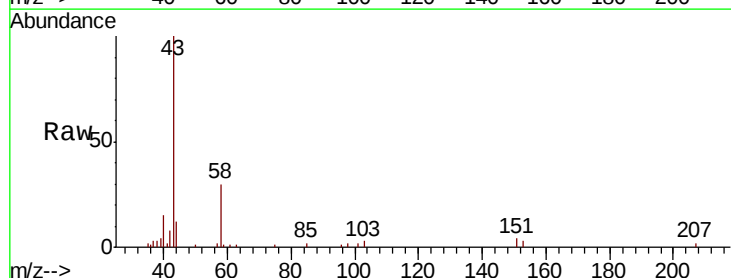
Acq: 26 May 2020 13:28

Tgt Ion: 43 Resp: 46990

Ion Ratio Lower Upper

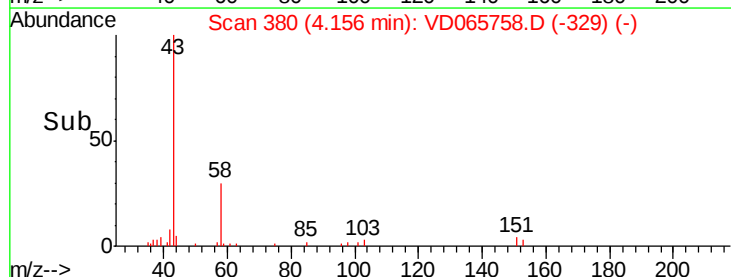
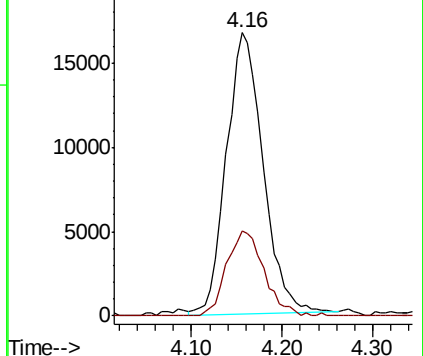
43 100

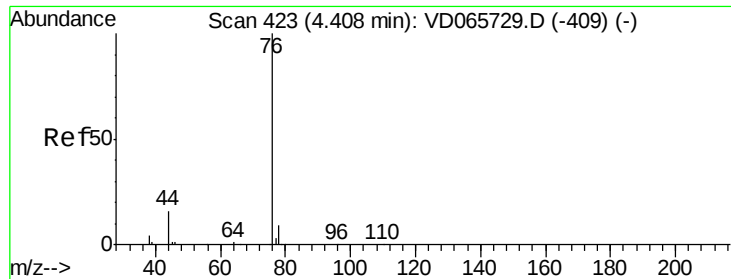
58 30.4 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

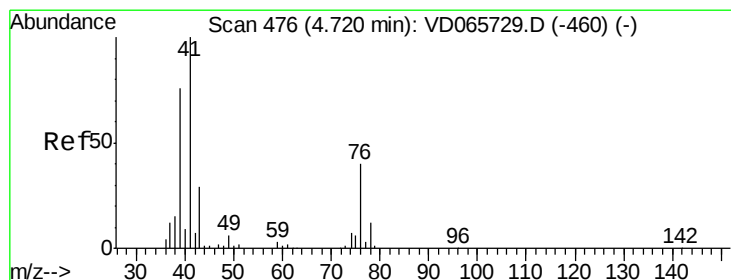
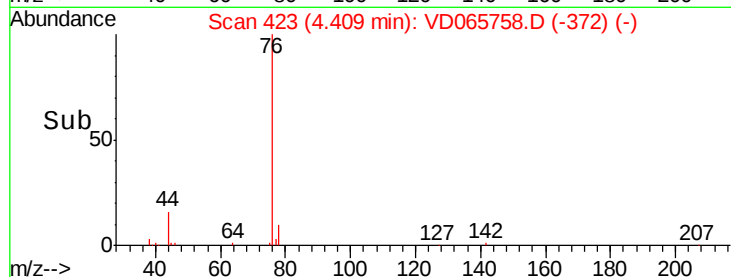
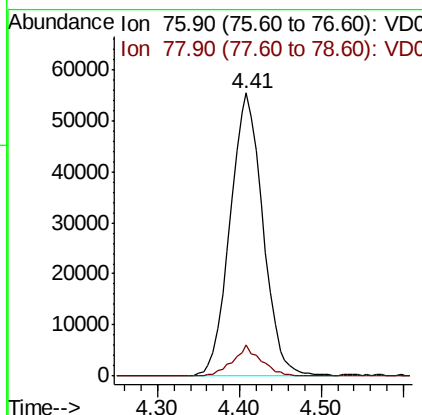
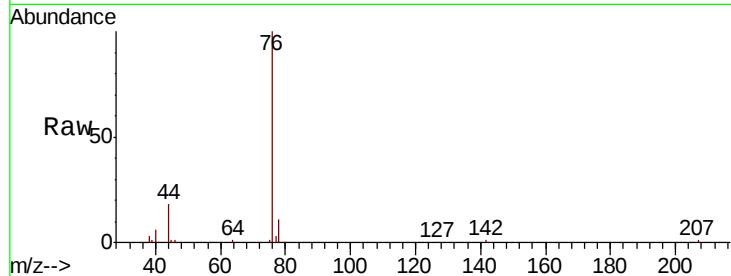




#17
Carbon Disulfide
Concen: 21.494 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

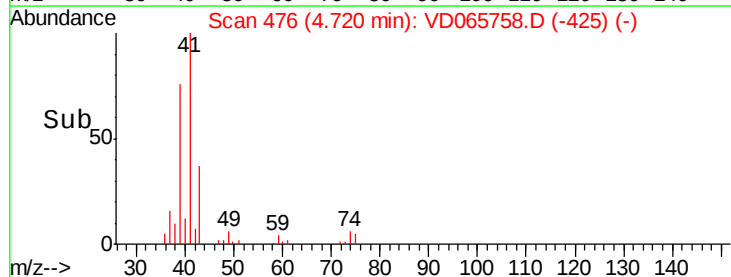
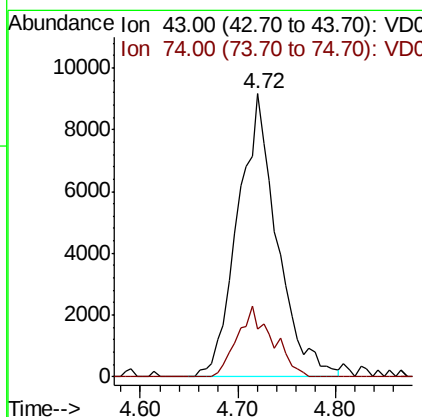
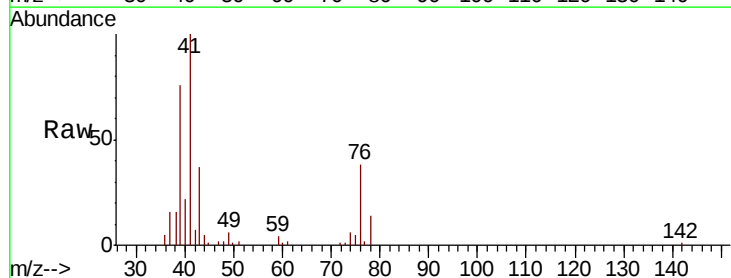
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

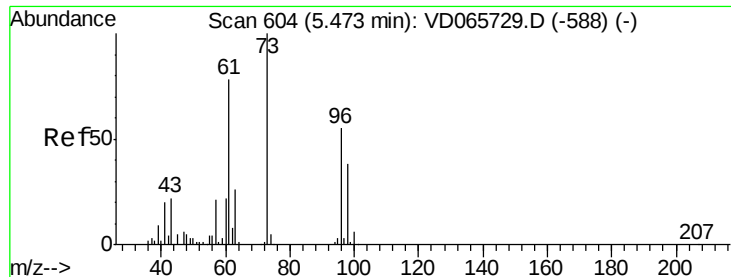
Tot Ion: 76 Resp: 154628
Ion Ratio Lower Upper
76 100
78 11.3 7.4 11.0#



#18
Methyl Acetate
Concen: 22.544 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 43 Resp: 25848
Ion Ratio Lower Upper
43 100
74 22.3 18.6 27.8

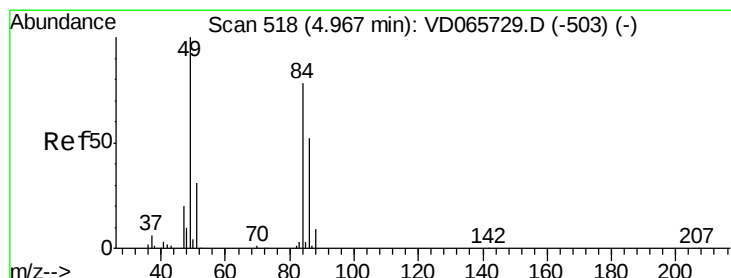
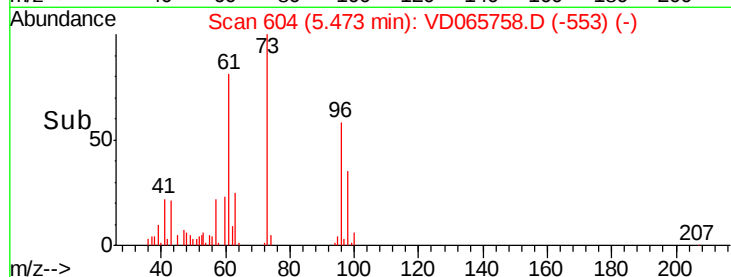
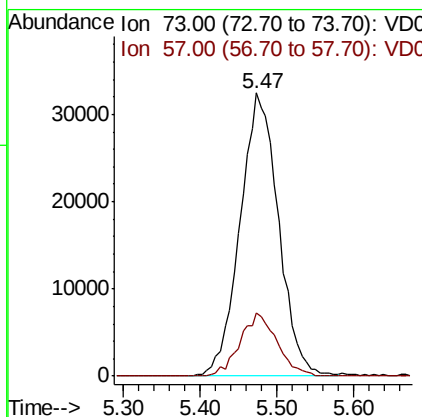
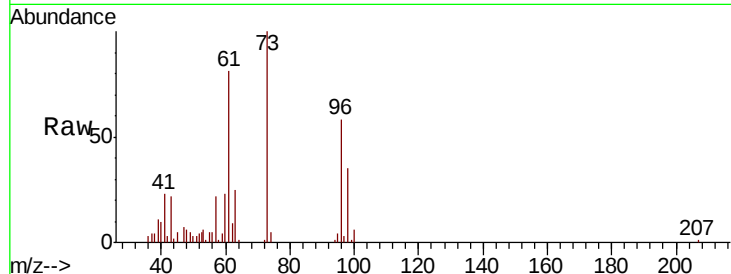




#19
Methvl tert-butvl Ether
Concen: 21.317 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

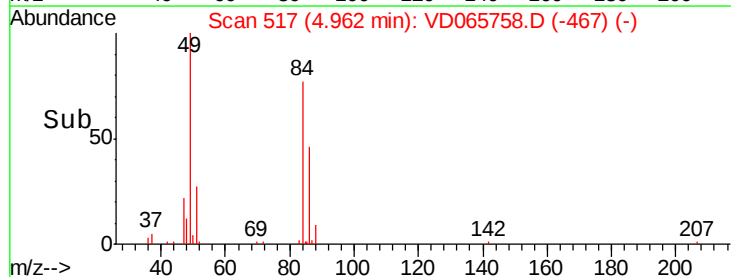
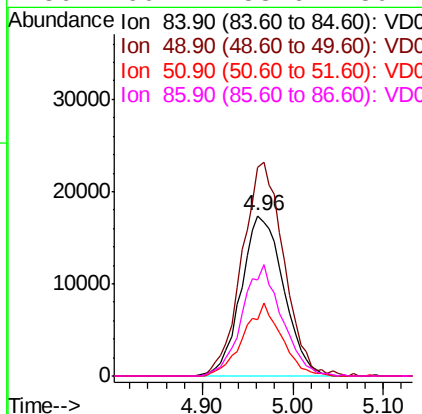
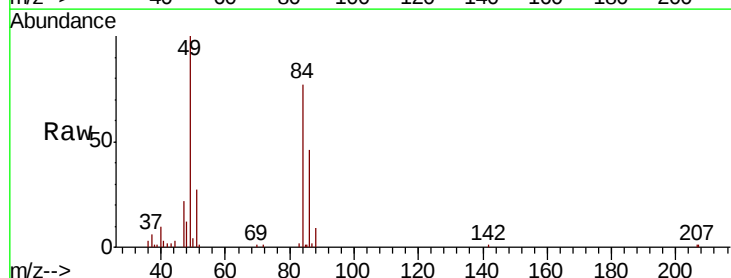
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

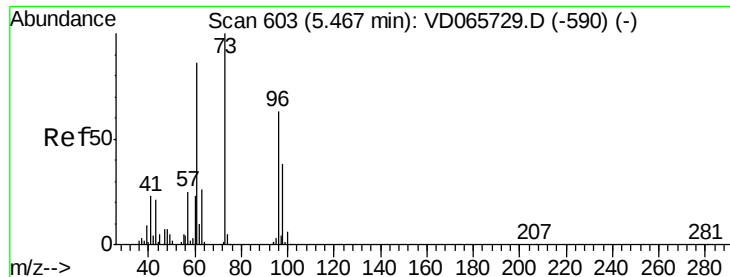
Tot Ion: 73 Resp: 113279
Ion Ratio Lower Upper
73 100
57 22.4 17.0 25.4



#20
Methylene Chloride
Concen: 21.876 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 84 Resp: 56625
Ion Ratio Lower Upper
84 100
49 130.5 102.9 154.3
51 35.4 31.5 47.3
86 60.1 53.6 80.4





#21

trans-1,2-Dichloroethene

Concen: 22.402 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

VD0526SBSD01

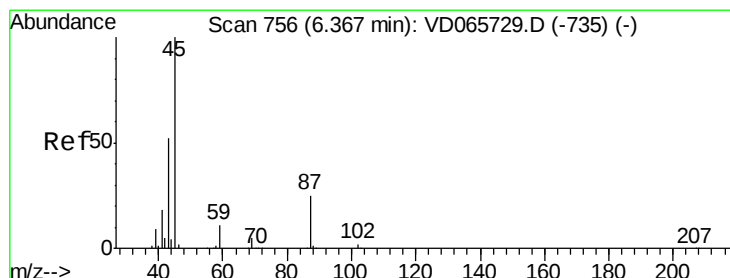
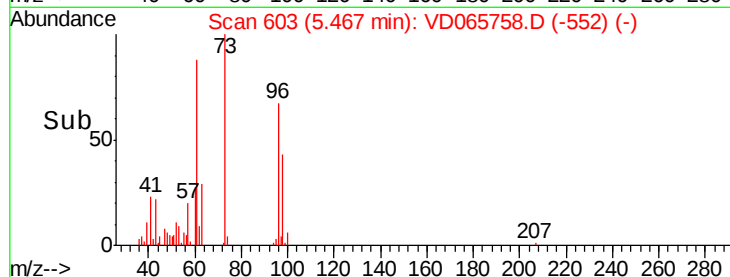
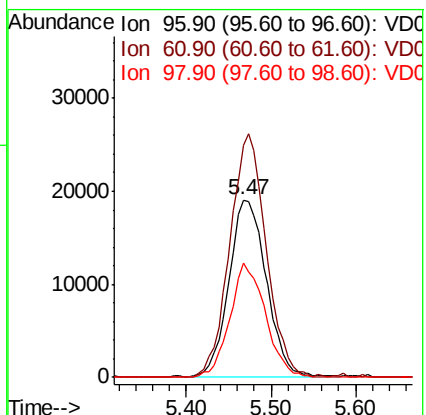
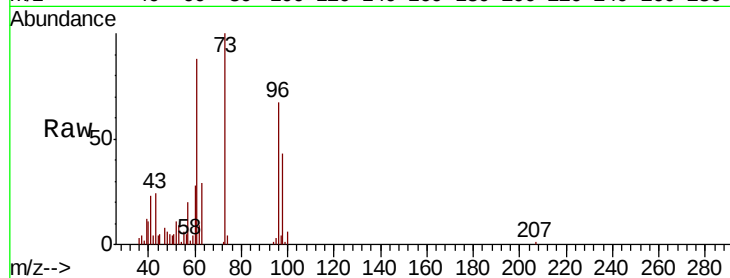
Tot Ion: 96 Resp: 58750

Ion Ratio Lower Upper

96 100

61 131.1 108.6 163.0

98 64.7 47.9 71.9



#22

Diisopropyl ether

Concen: 22.158 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Tgt Ion: 45 Resp: 166135

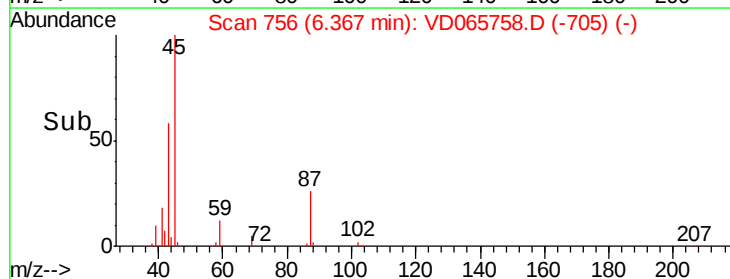
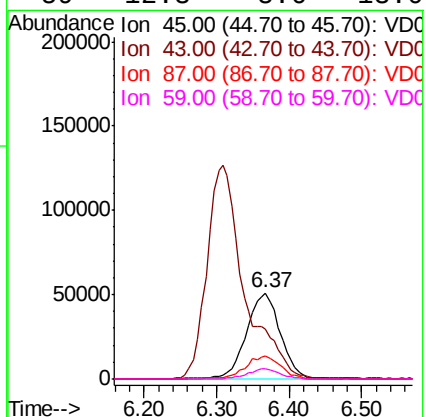
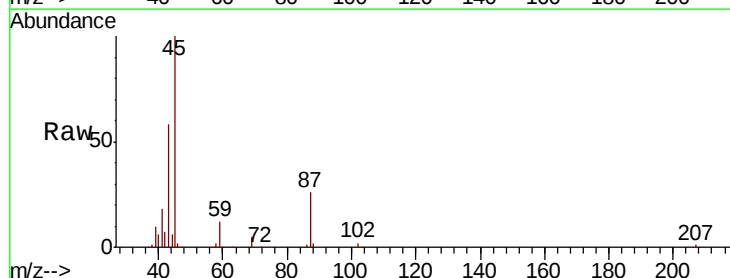
Ion Ratio Lower Upper

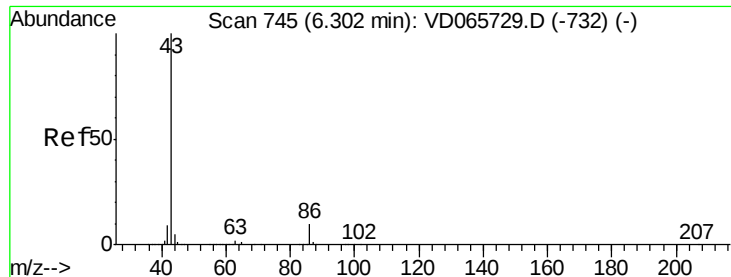
45 100

43 56.7 41.8 62.6

87 26.3 20.1 30.1

59 12.3 8.6 13.0





#23

Vinyl Acetate

Concen: 102.724 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleID :

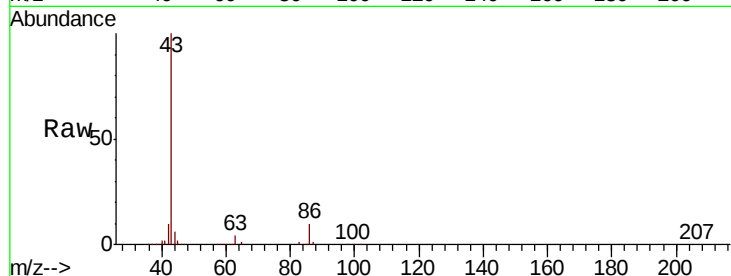
VD0526SBS01

Tot Ion: 43 Resp: 453020

Ion Ratio Lower Upper

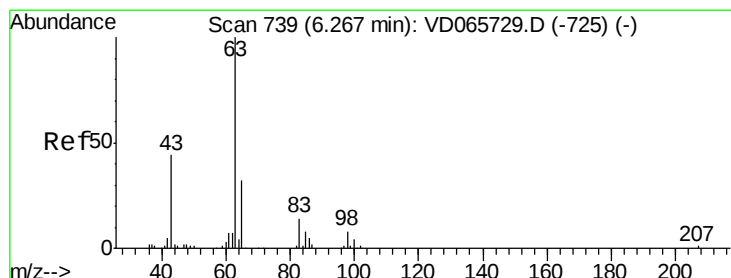
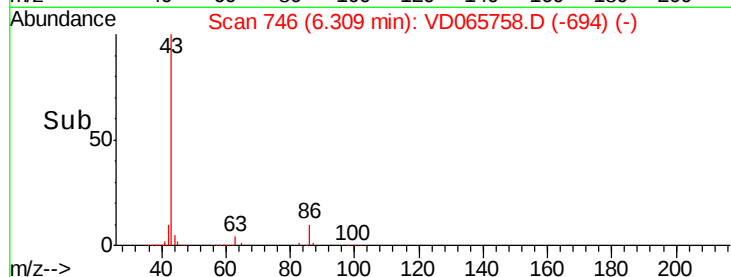
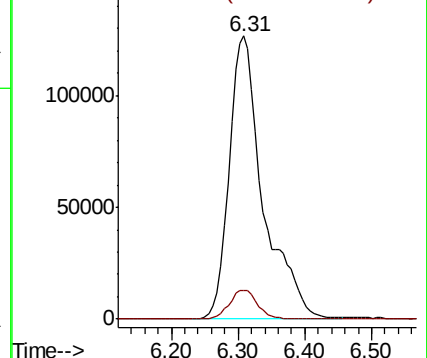
43 100

86 10.0 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.354 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

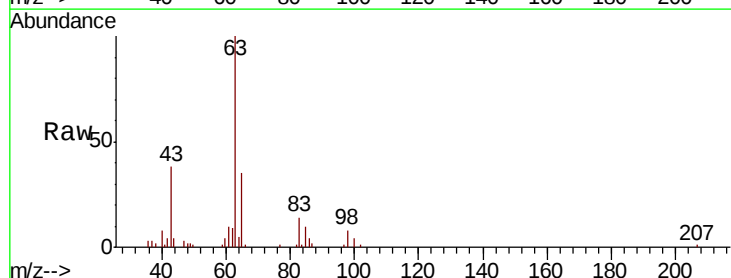
Tgt Ion: 63 Resp: 98134

Ion Ratio Lower Upper

63 100

98 8.5 3.9 11.5

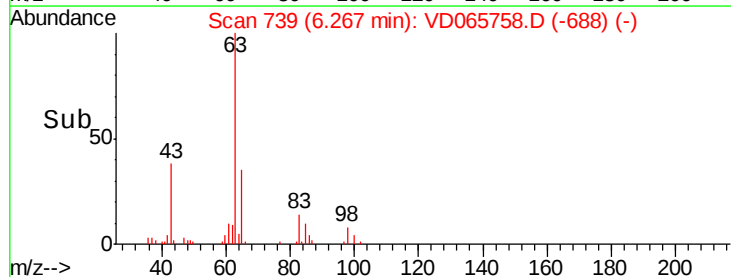
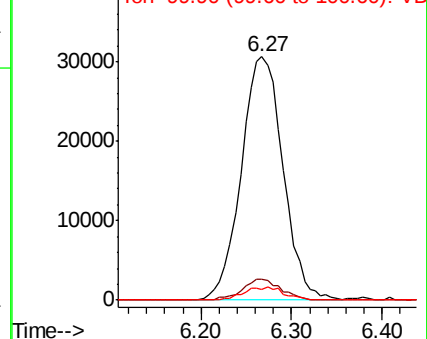
100 4.4 2.2 6.6

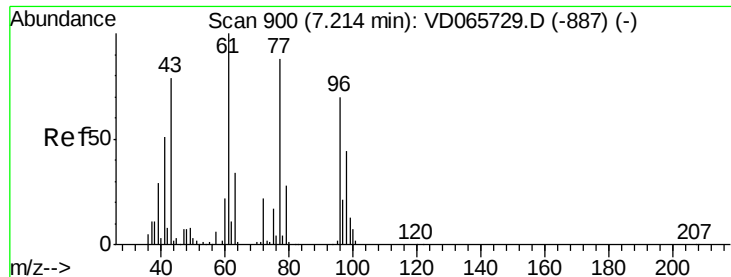


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

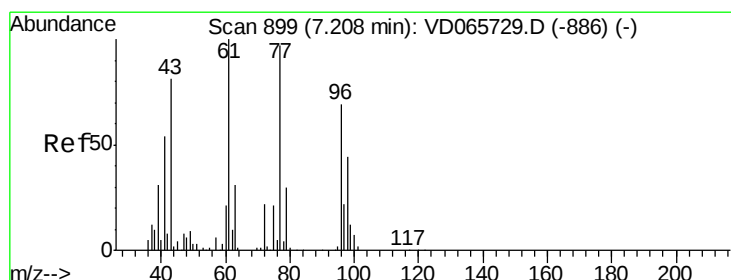
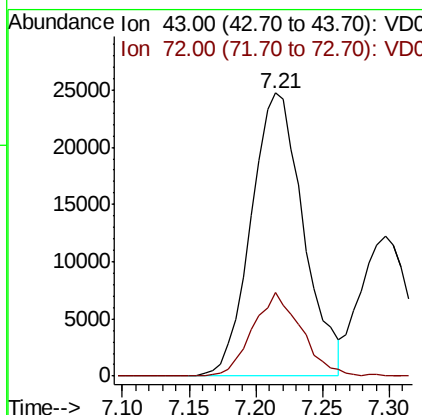
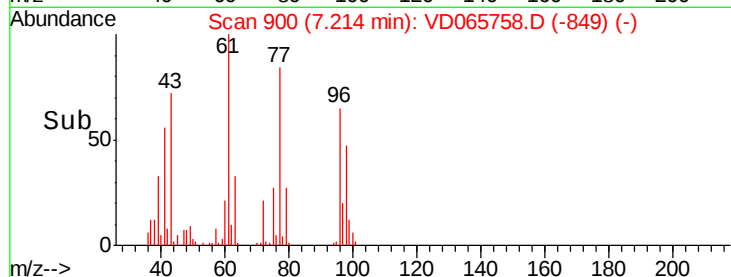
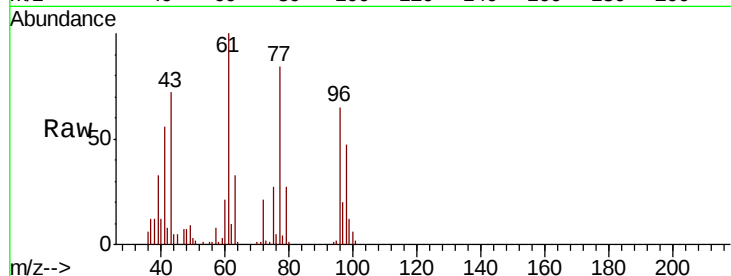




#25
2-Butanone
Concen: 102.633 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

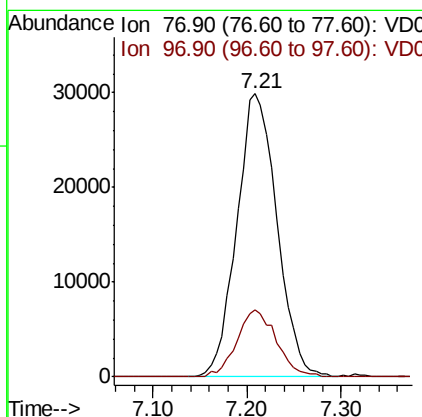
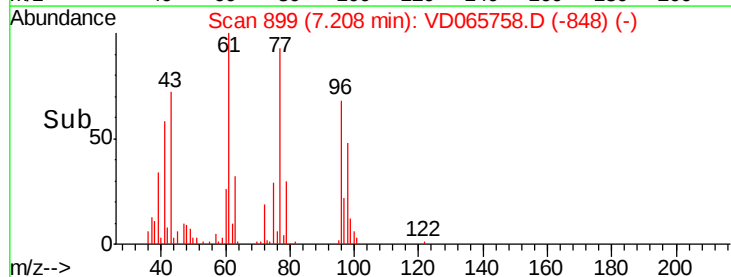
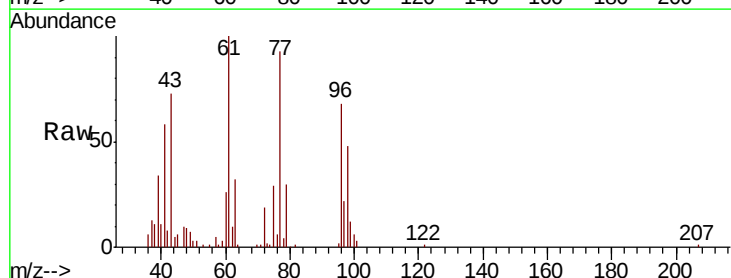
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

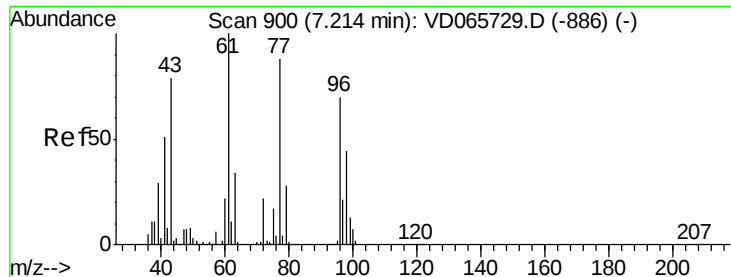
Tot Ion: 43 Resp: 67313
Ion Ratio Lower Upper
43 100
72 29.4 22.3 33.5



#26
2,2-Dichloropropane
Concen: 21.735 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 77 Resp: 88561
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.9



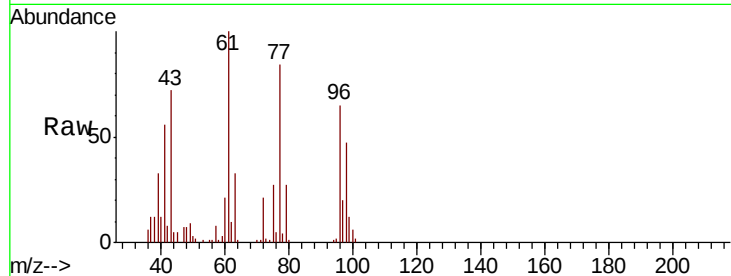


#27

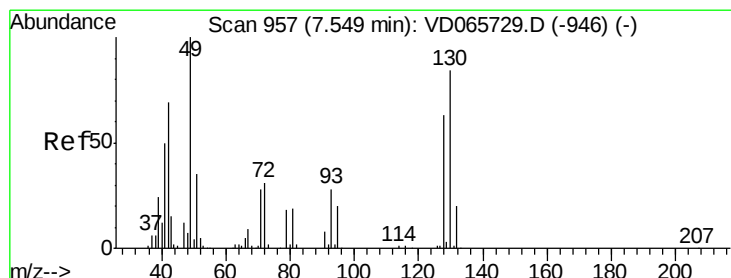
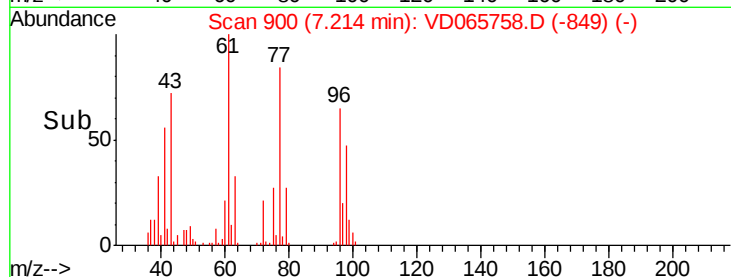
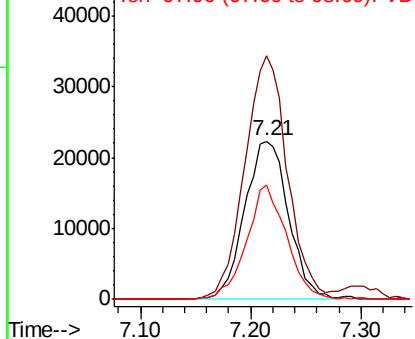
cis-1,2-Dichloroethene
Concen: 21.612 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

Tot Ion: 96 Resp: 62112
Ion Ratio Lower Upper
96 100
61 149.3 0.0 288.0
98 65.6 0.0 127.8



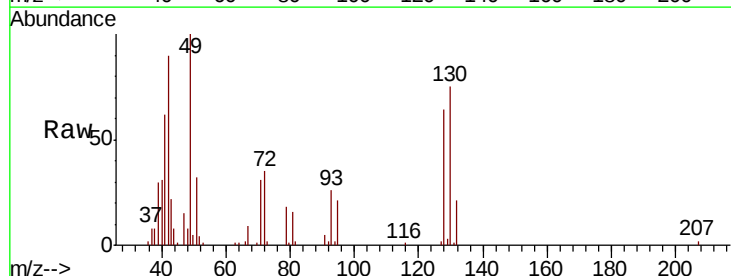
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



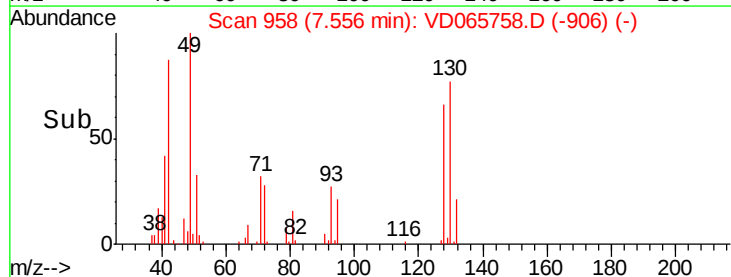
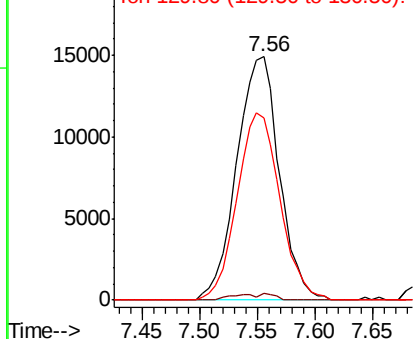
#28

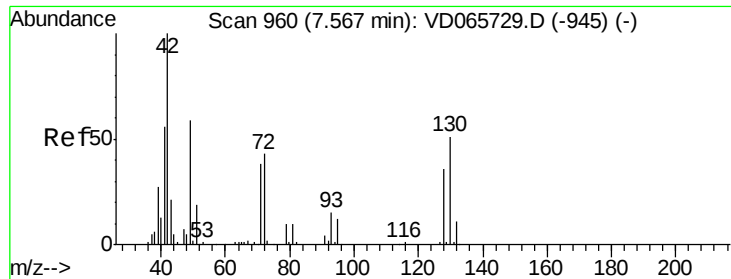
Bromochloromethane
Concen: 21.198 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.01 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 49 Resp: 38261
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.6
130 77.6 65.2 97.8



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

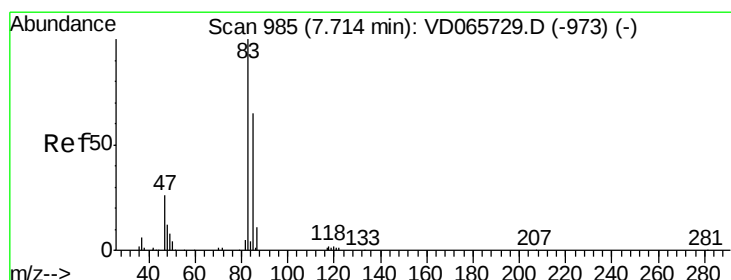
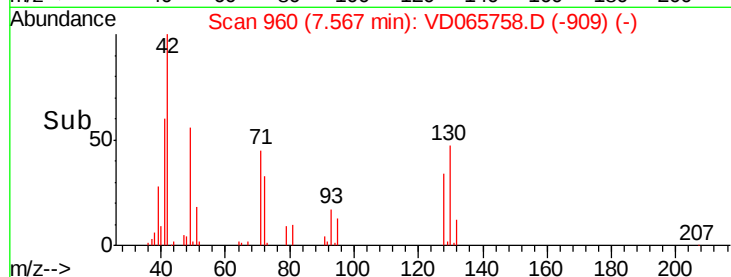
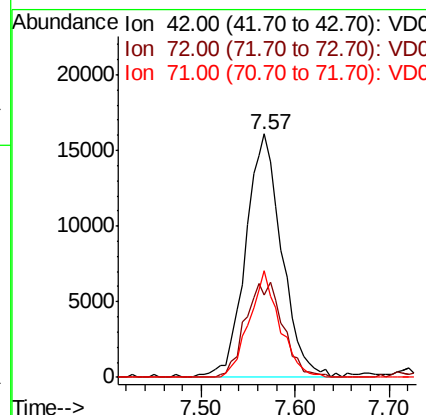
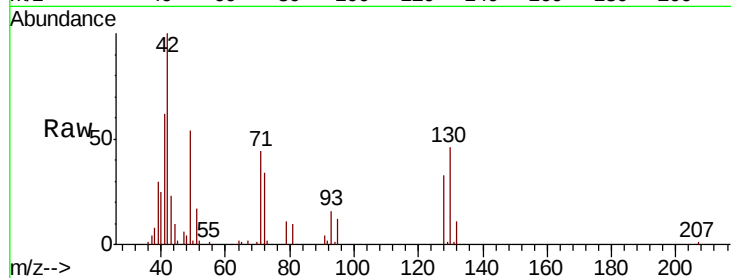




#29
Tetrahydrofuran
Concen: 102.859 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

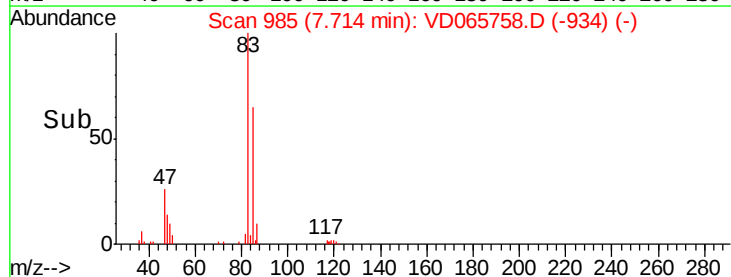
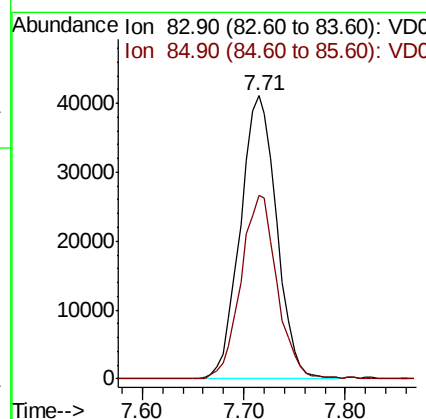
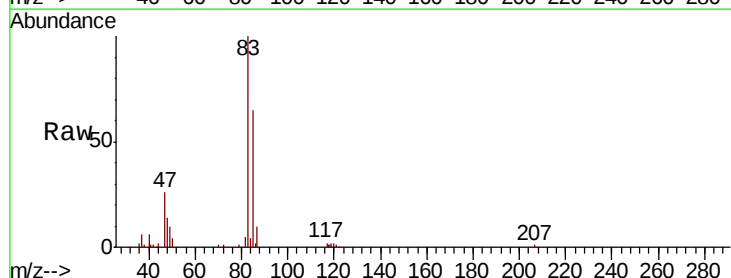
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

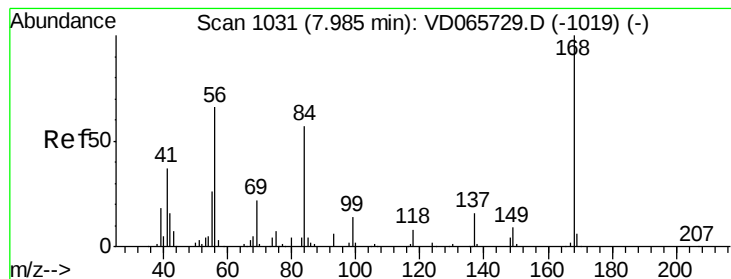
Tot Ion: 42 Resp: 42772
Ion Ratio Lower Upper
42 100
72 41.0 33.5 50.3
71 37.1 31.8 47.6



#30
Chloroform
Concen: 23.002 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 83 Resp: 102052
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.2





#31

Cyclohexane

Concen: 21.513 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

VD0526SBS01

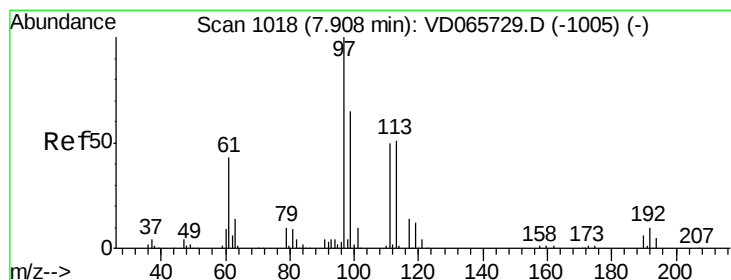
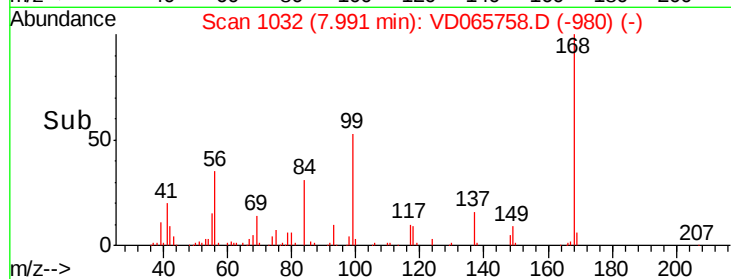
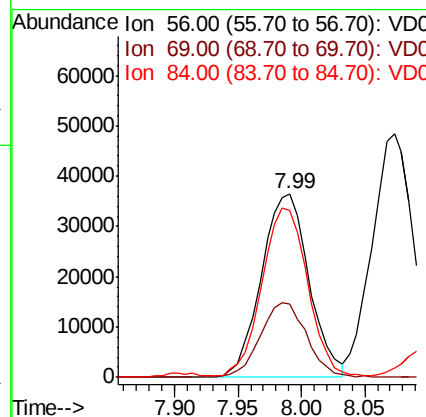
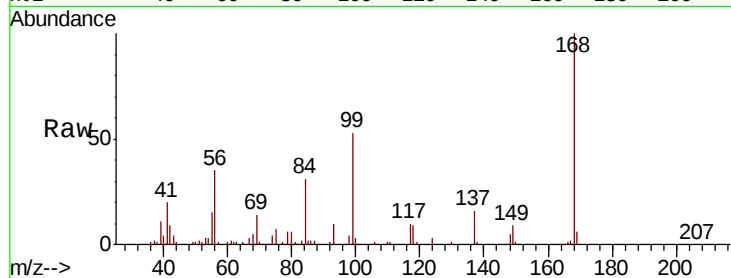
Tot Ion: 56 Resp: 95599

Ion Ratio Lower Upper

56 100

69 40.3 25.9 38.9#

84 88.5 69.1 103.7



#32

1,1,1-Trichloroethane

Concen: 22.807 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

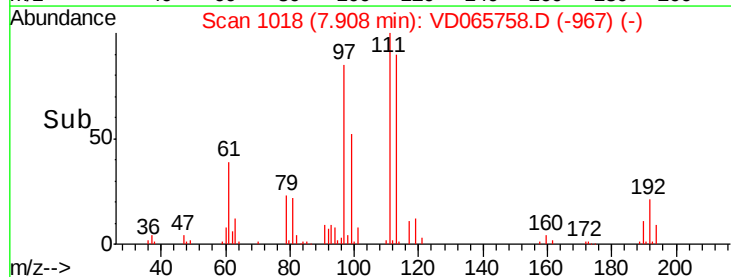
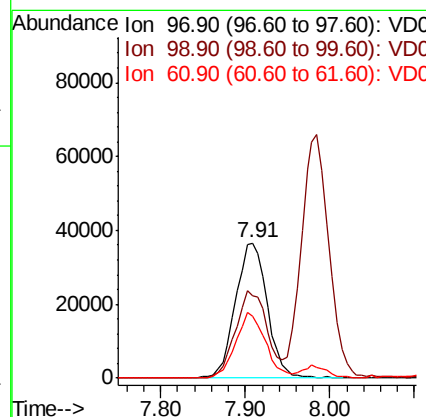
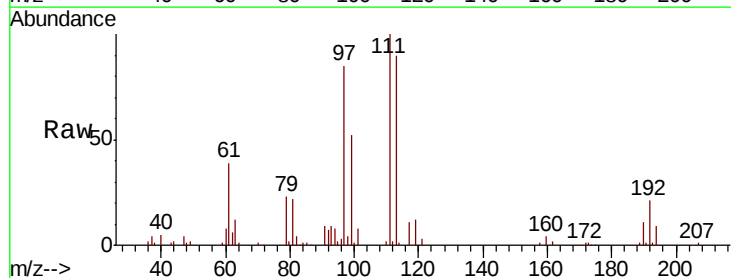
Tgt Ion: 97 Resp: 94790

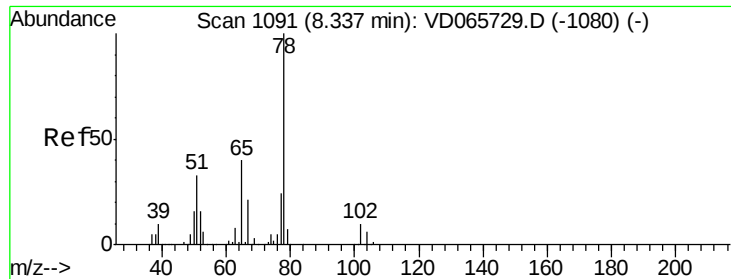
Ion Ratio Lower Upper

97 100

99 64.6 50.5 75.7

61 45.4 33.9 50.9

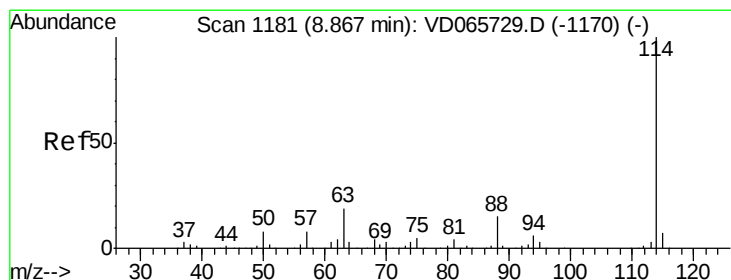
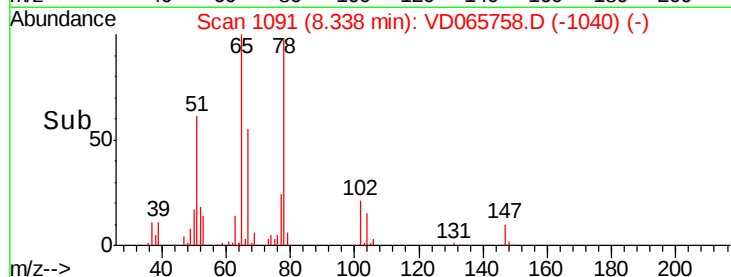
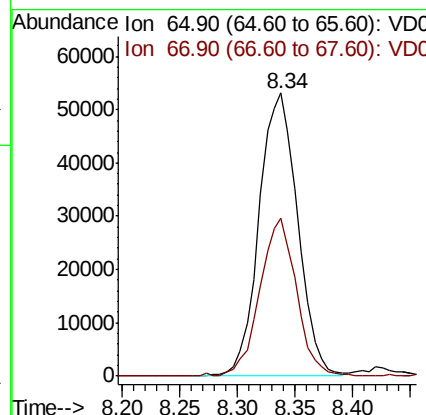
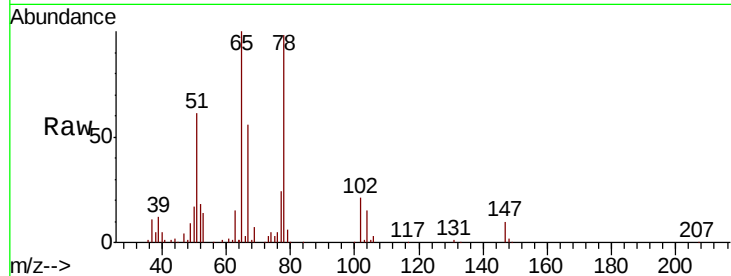




#33
 1,2-Dichloroethane-d4
 Concen: 55.318 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

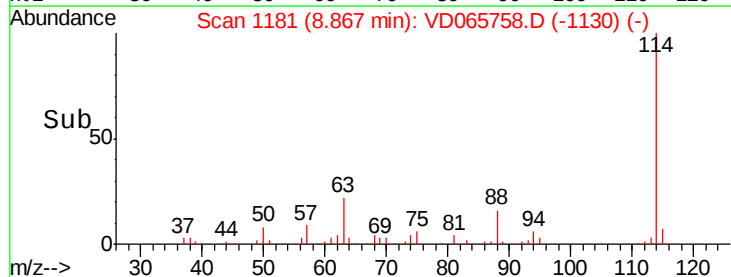
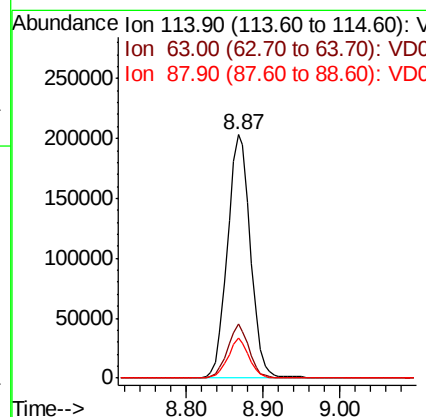
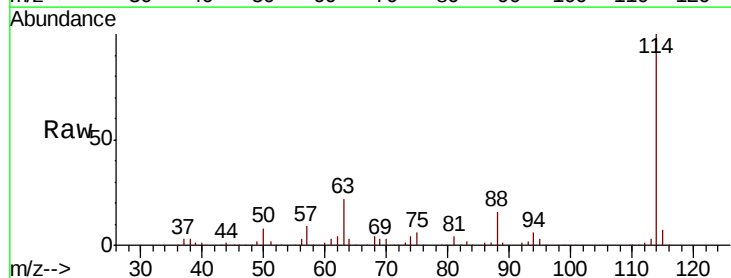
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBSD01

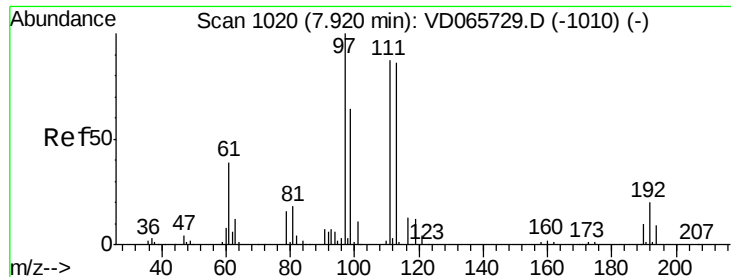
Tot Ion: 65 Resp: 123737
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

Tgt Ion: 114 Resp: 423184
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 37.2
 88 16.3 0.0 30.2

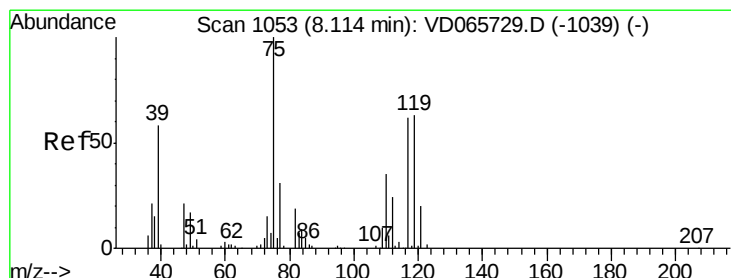
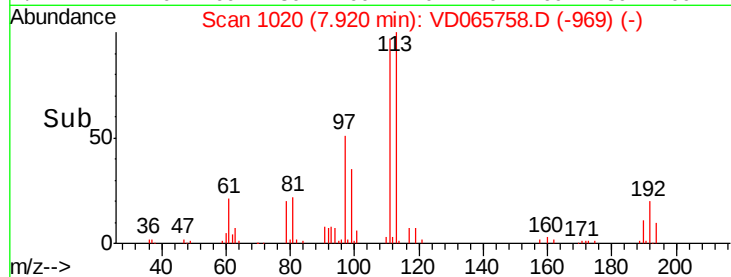
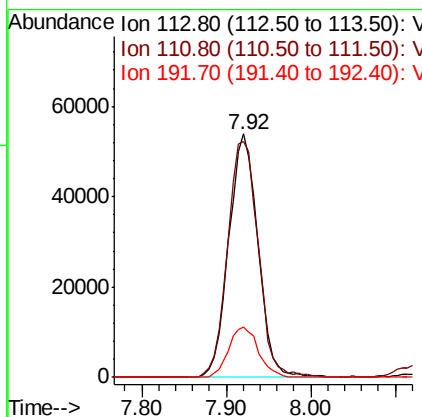
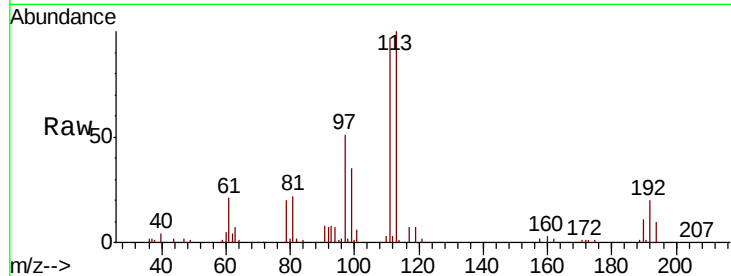




#35
 Dibromofluoromethane
 Concen: 53.289 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

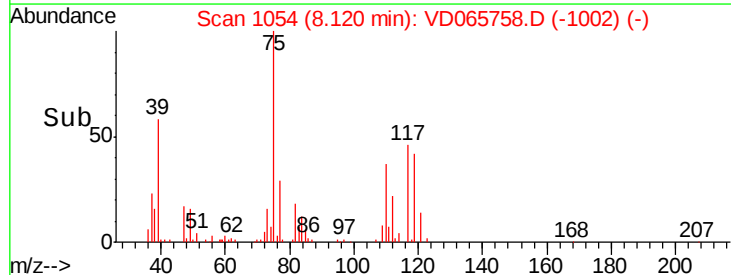
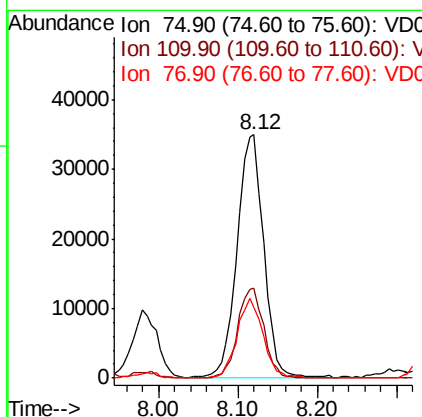
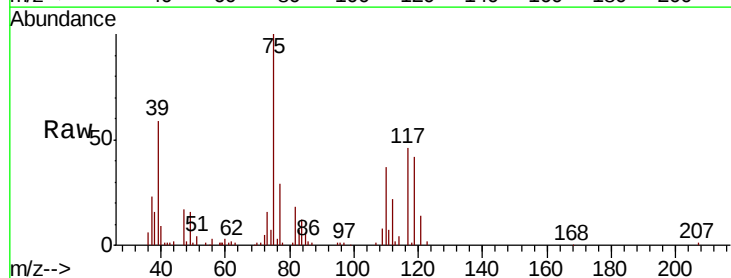
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBSD01

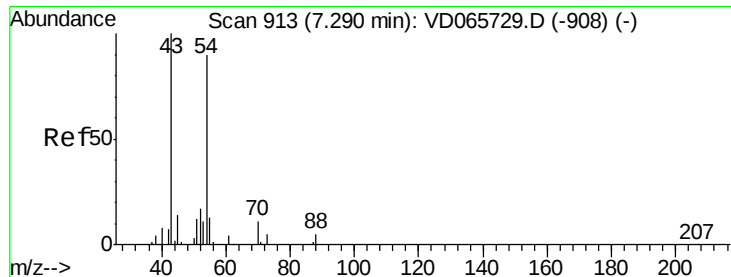
Tot Ion:113 Resp: 127758
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.1 121.7
 192 21.1 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 22.299 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

Tgt Ion: 75 Resp: 81950
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.4 55.2
 77 31.8 24.6 37.0

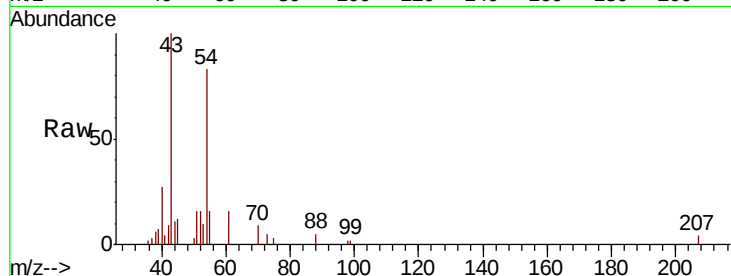




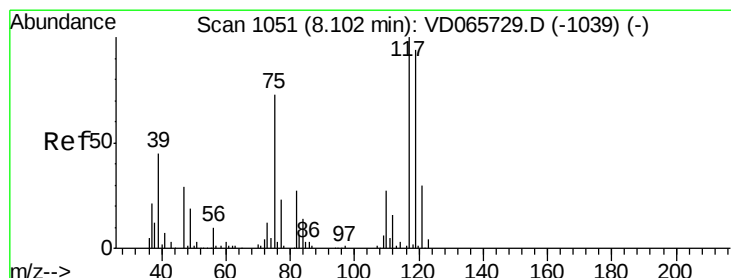
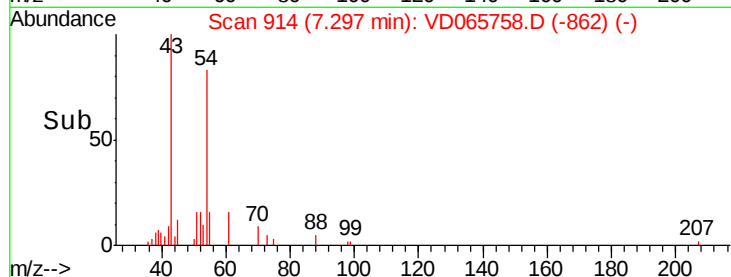
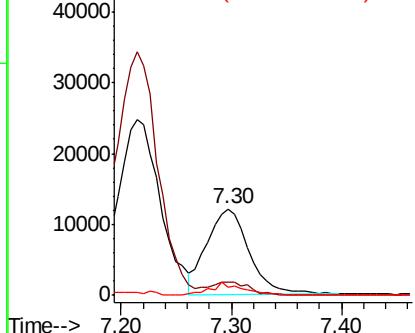
#37
Ethyl Acetate
Concen: 20.311 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

Tot Ion: 43 Resp: 31978
Ion Ratio Lower Upper
43 100
61 12.9 9.8 14.6
70 11.3 8.6 12.8

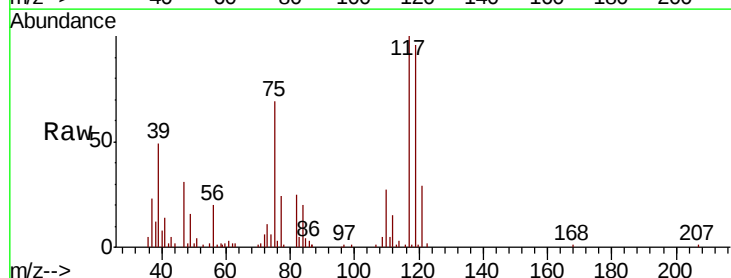


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

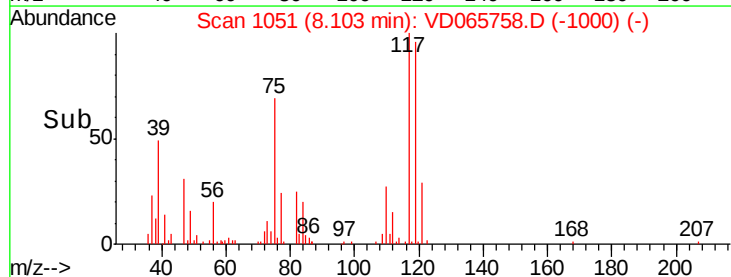
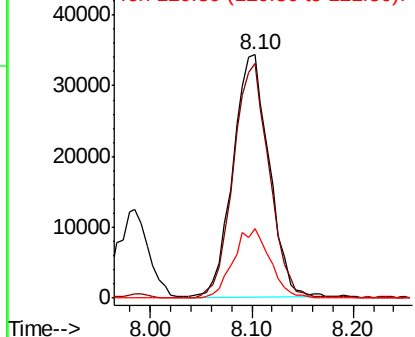


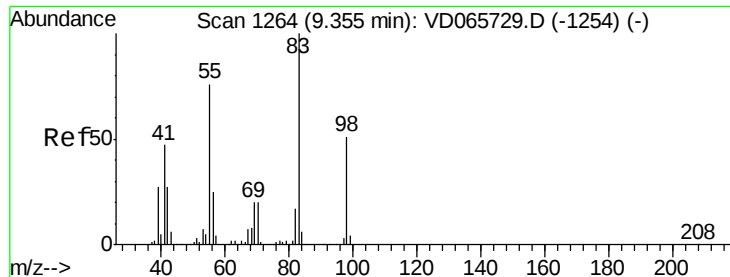
#38
Carbon Tetrachloride
Concen: 21.839 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 117 Resp: 85126
Ion Ratio Lower Upper
117 100
119 96.7 75.6 113.4
121 28.9 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

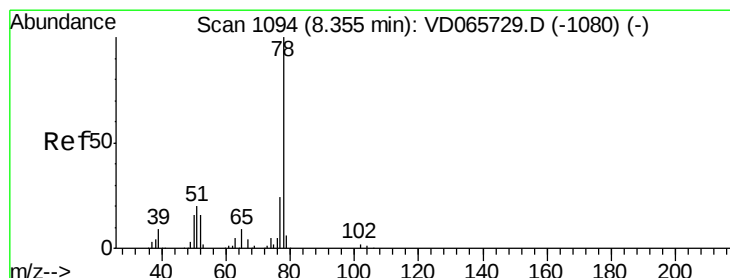
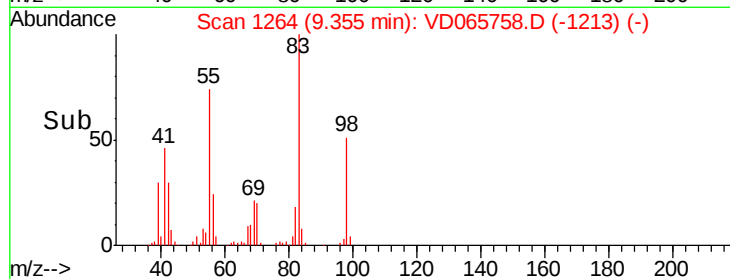
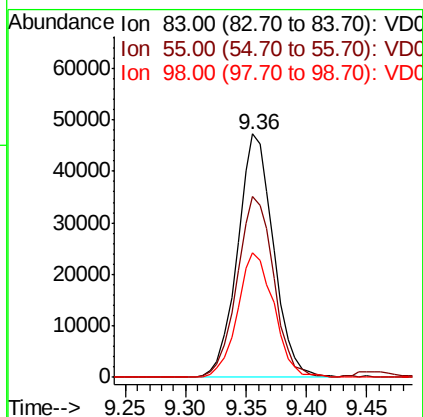
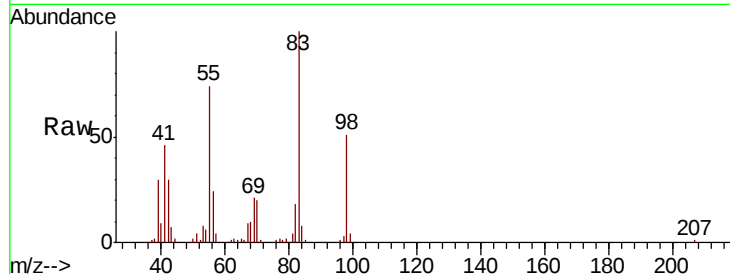




#39
Methvlcvclohexane
Concen: 20.771 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

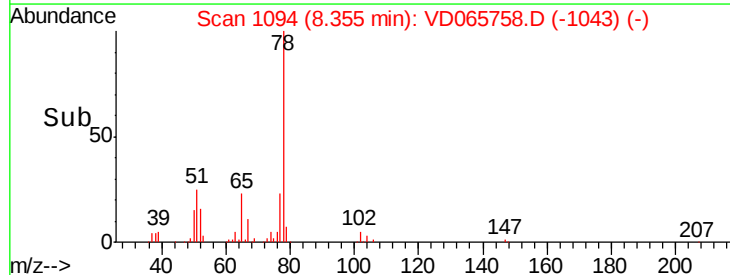
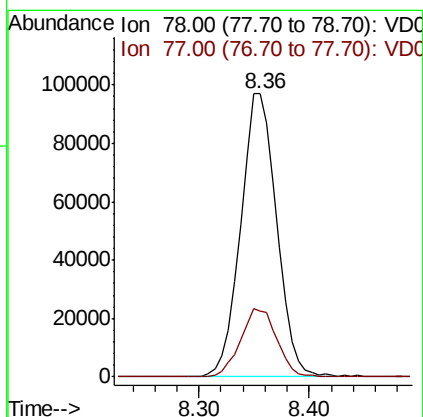
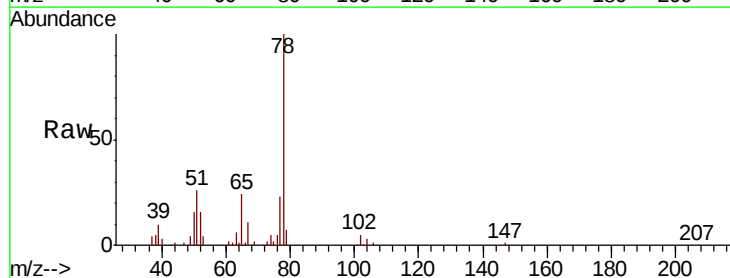
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

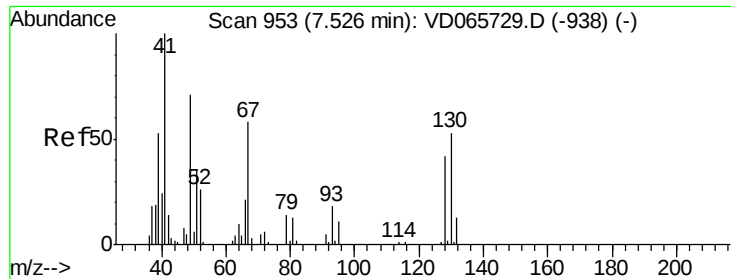
Tot Ion: 83 Resp: 97829
Ion Ratio Lower Upper
83 100
55 74.3 60.9 91.3
98 51.4 40.6 61.0



#40
Benzene
Concen: 21.997 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 78 Resp: 222302
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7

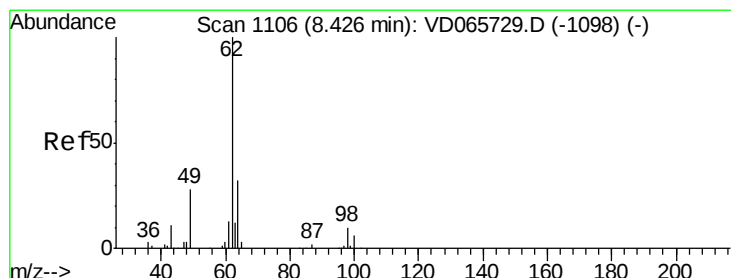
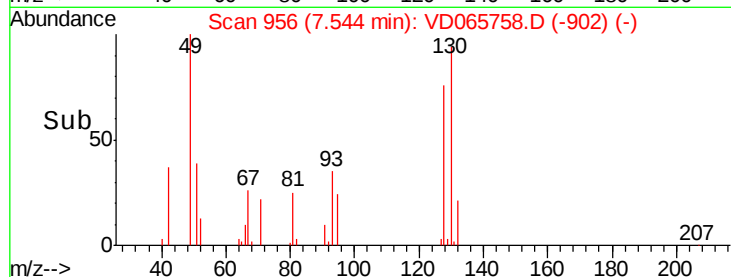
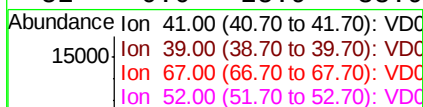
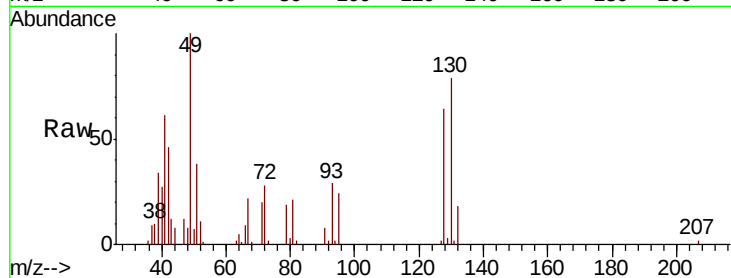




#41
Methacrylonitrile
Concen: 22.635 ug/l m
RT: 7.54 min Scan# 956
Delta R.T. 0.02 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

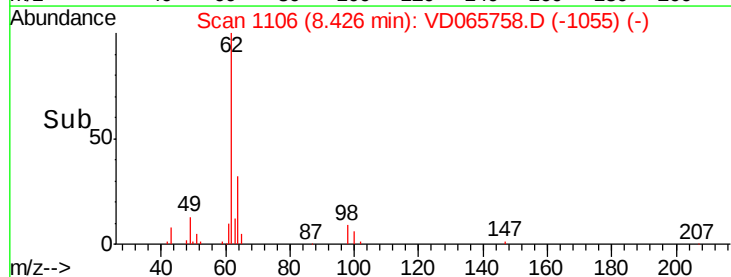
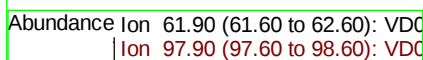
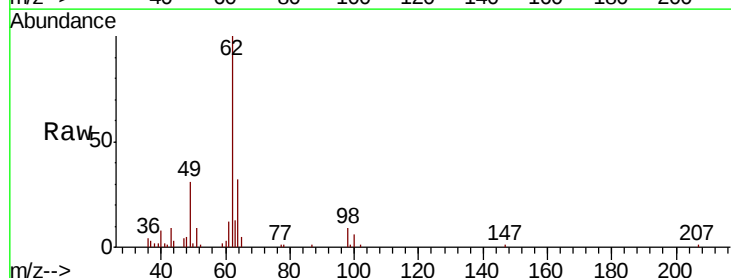
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

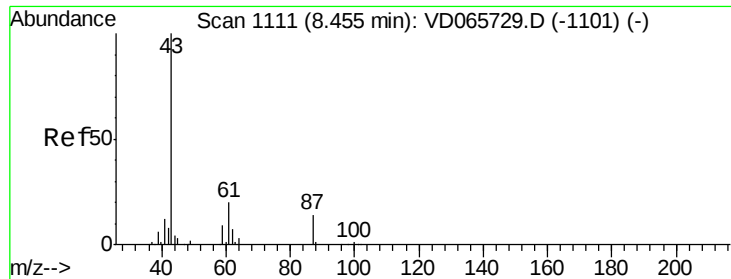
Tot Ion:	41	Resp:	19627
Ion	Ratio	Lower	Upper
41	100		
39	0.0	56.8	85.2#
67	0.0	57.9	86.9#
52	0.0	25.9	38.9#



#42
1,2-Dichloroethane
Concen: 22.902 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion:	62	Resp:	64441
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.6

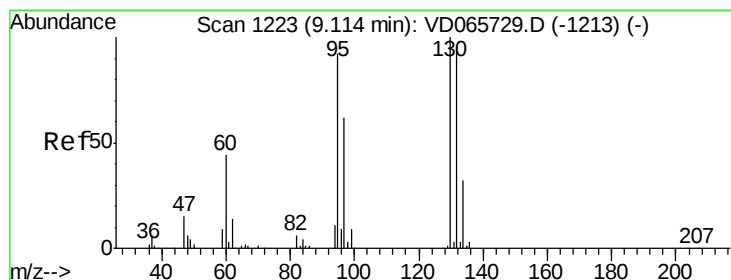
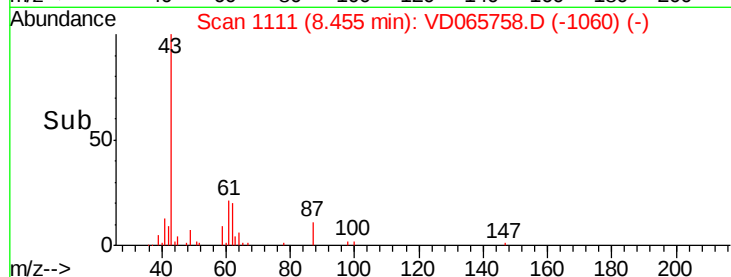
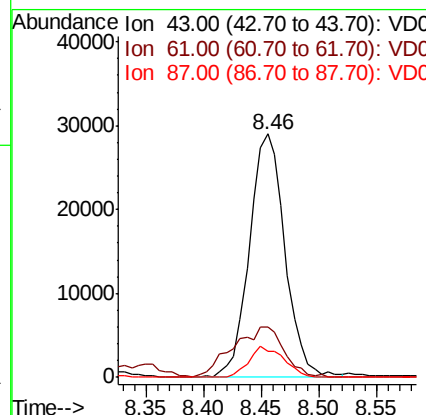
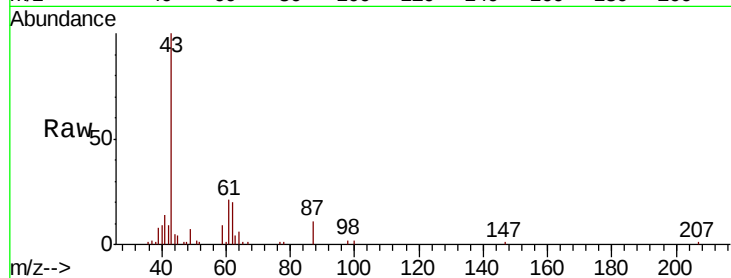




#43
Isopropyl Acetate
Concen: 20.006 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

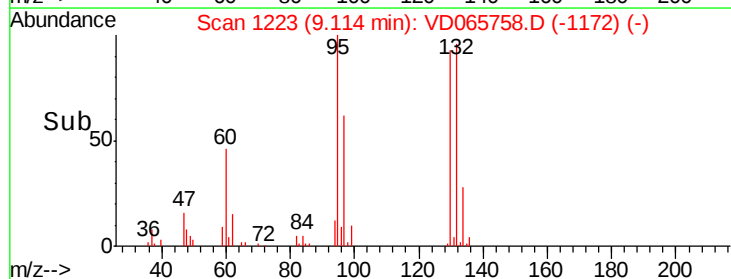
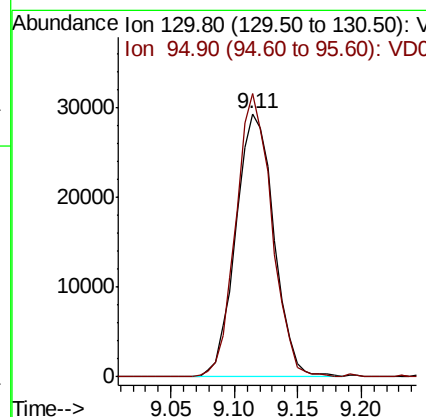
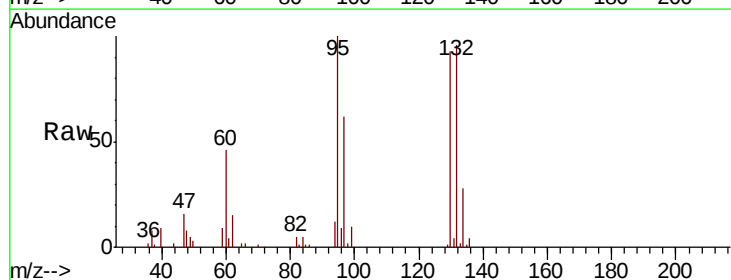
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

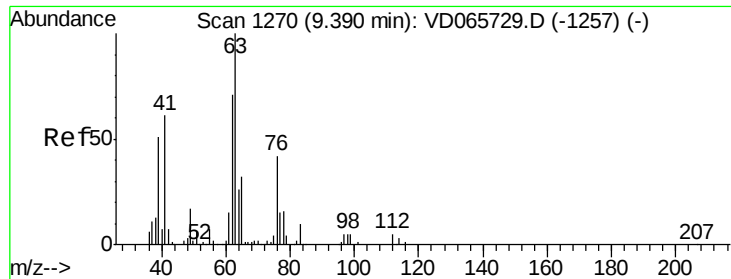
Tot Ion: 43 Resp: 62431
Ion Ratio Lower Upper
43 100
61 29.8 23.8 35.6
87 12.4 10.5 15.7



#44
Trichloroethene
Concen: 20.204 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 130 Resp: 61126
Ion Ratio Lower Upper
130 100
95 107.6 0.0 183.6

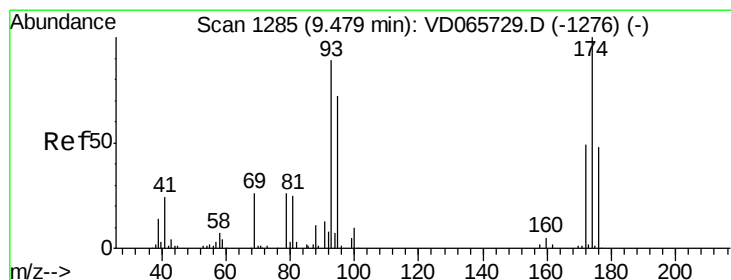
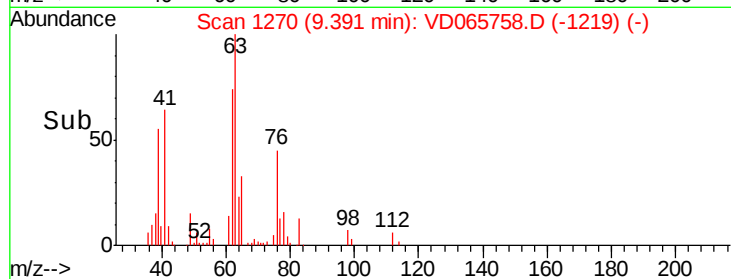
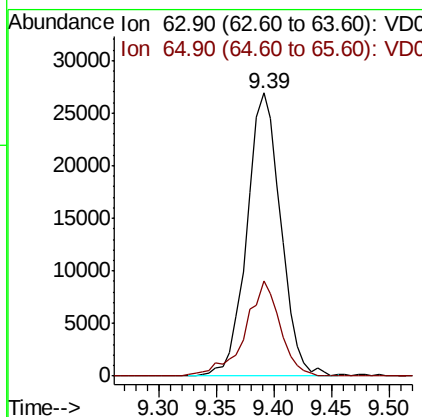
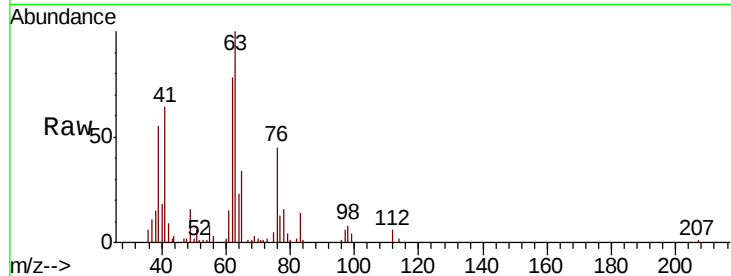




#45
 1,2-Dichloropropane
 Concen: 22.152 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

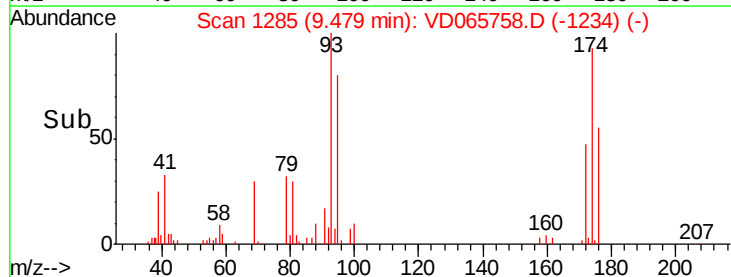
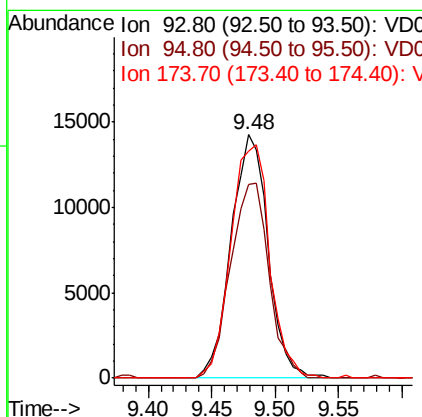
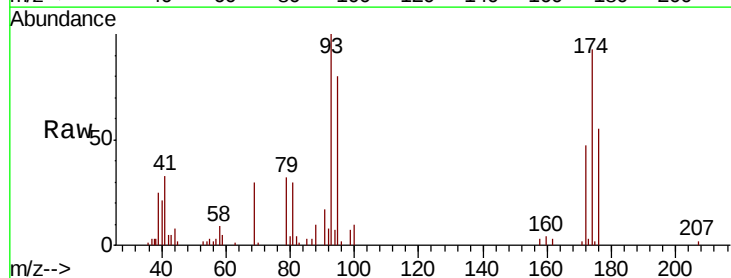
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBSD01

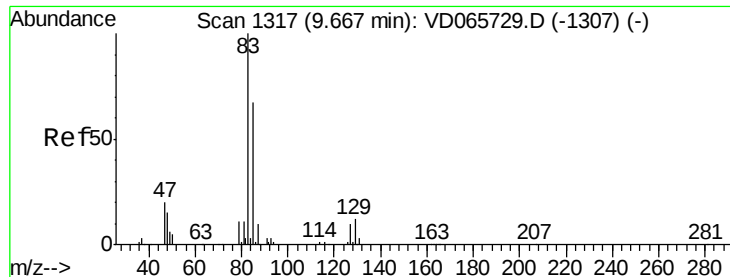
Tot Ion: 63 Resp: 55195
 Ion Ratio Lower Upper
 63 100
 65 33.6 25.3 37.9



#46
 Dibromomethane
 Concen: 21.440 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

Tgt Ion: 93 Resp: 28805
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.4 98.2
 174 100.8 89.9 134.9





#47

Bromodichloromethane

Concen: 22.440 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

VD0526SBSD01

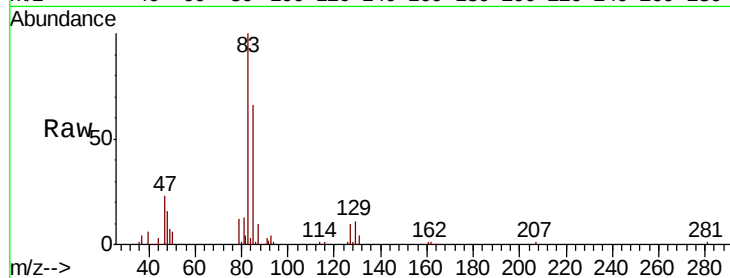
Tot Ion: 83 Resp: 78914

Ion Ratio Lower Upper

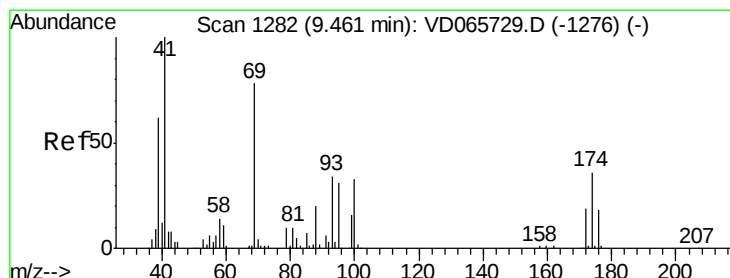
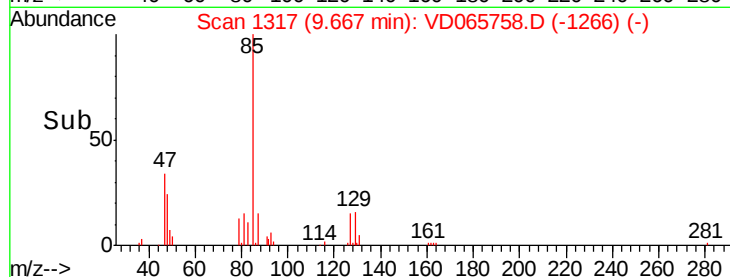
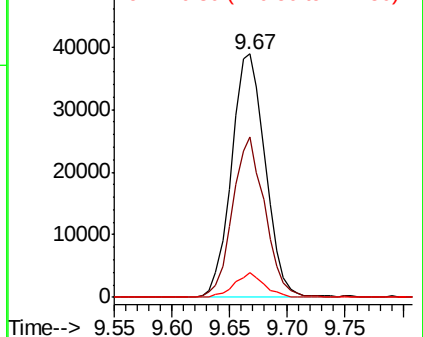
83 100

85 65.7 53.6 80.4

127 10.0 7.7 11.5



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



#48

Methyl methacrylate

Concen: 20.963 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

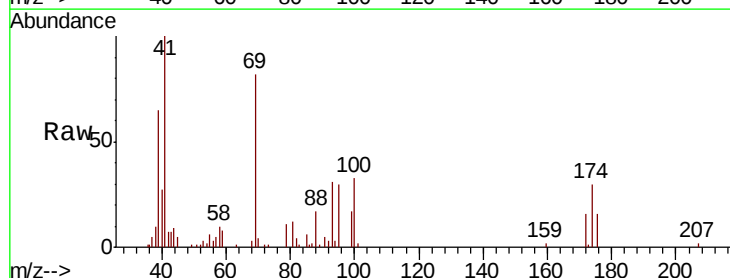
Tgt Ion: 41 Resp: 30707

Ion Ratio Lower Upper

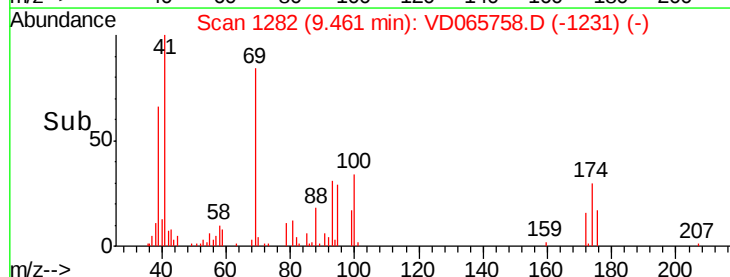
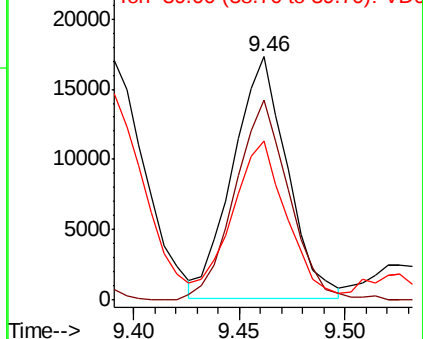
41 100

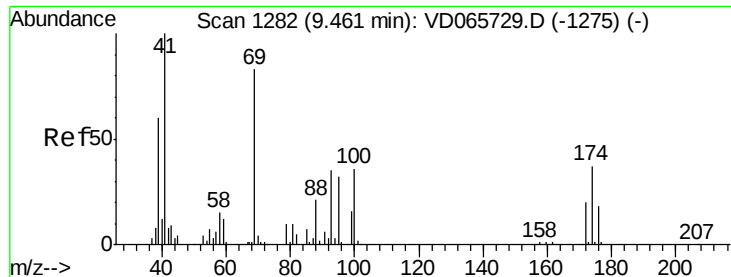
69 82.5 64.4 96.6

39 60.7 46.7 70.1



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

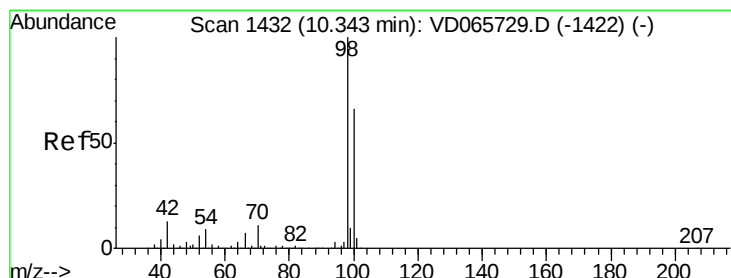
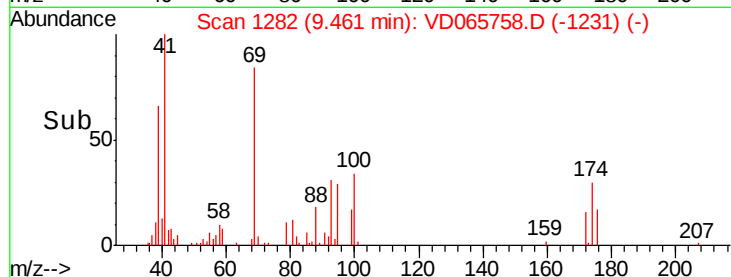
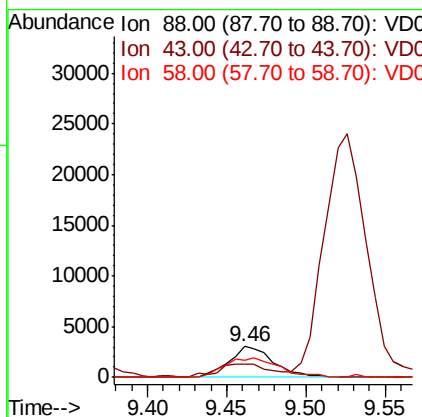
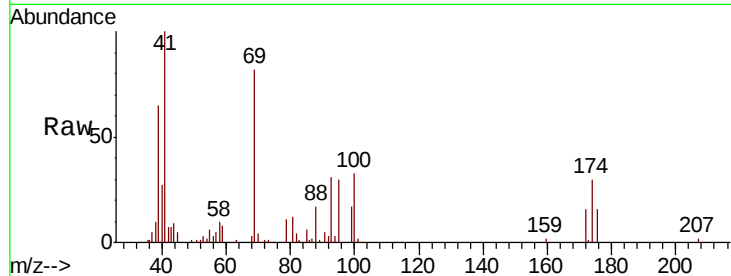




#49
 1,4-Dioxane
 Concen: 372.432 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

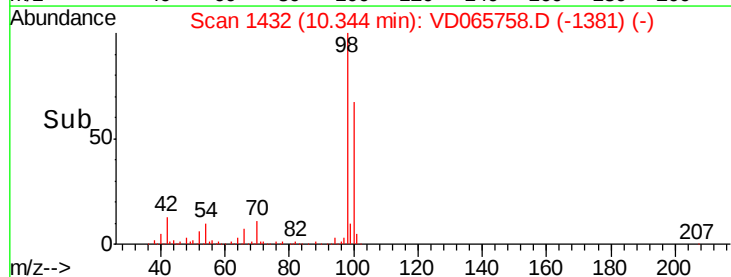
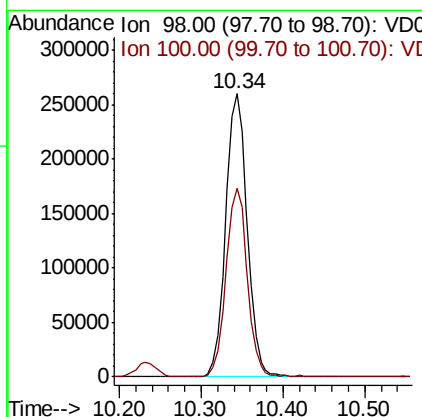
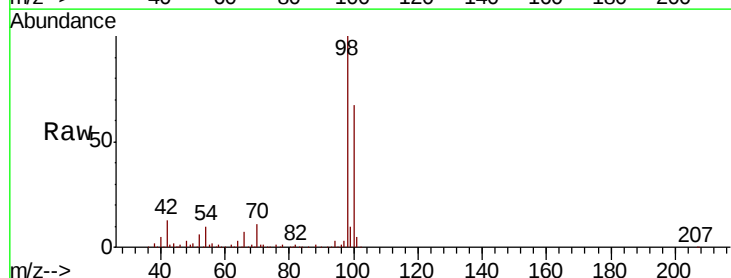
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBSD01

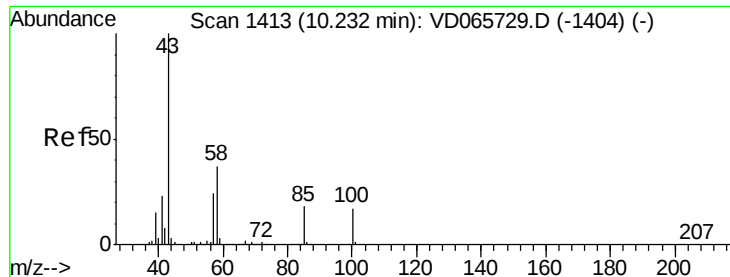
Tot Ion: 88 Resp: 5904
 Ion Ratio Lower Upper
 88 100
 43 52.3 29.4 44.0#
 58 75.4 55.1 82.7



#50
 Toluene-d8
 Concen: 52.208 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

Tgt Ion: 98 Resp: 476522
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.5 78.7

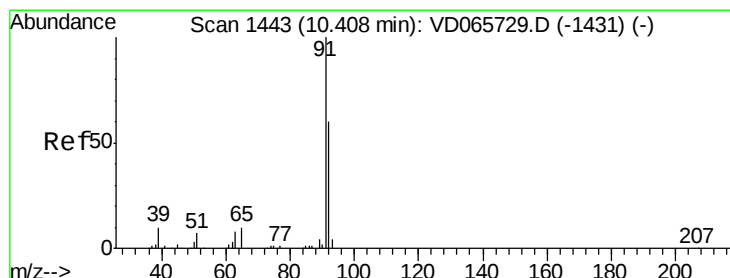
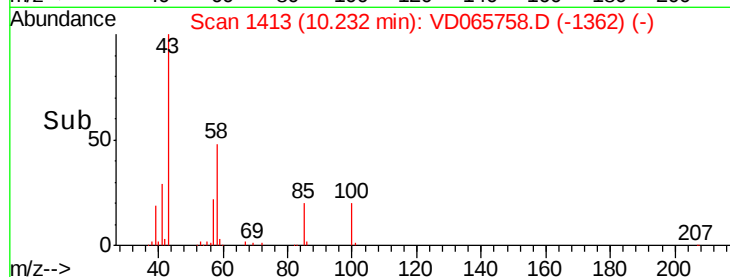
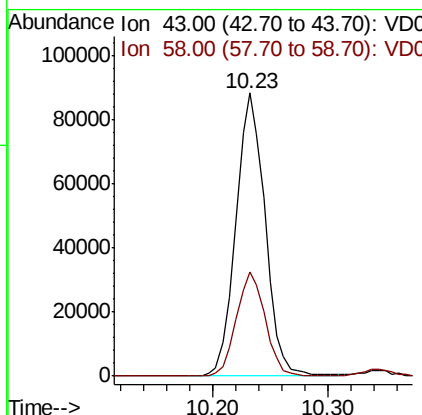
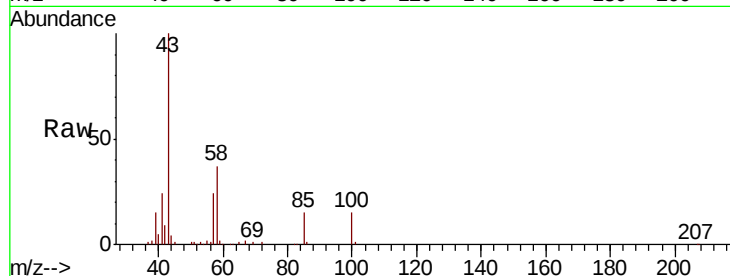




#51
4-Methyl-2-Pentanone
Concen: 103.533 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

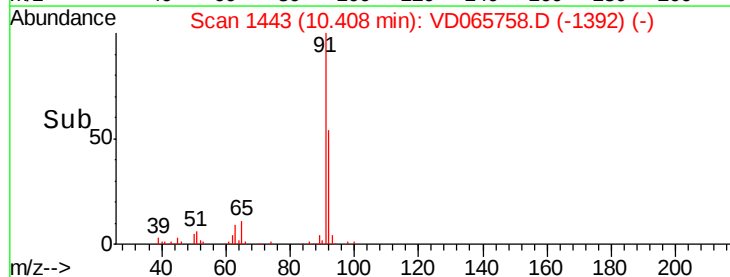
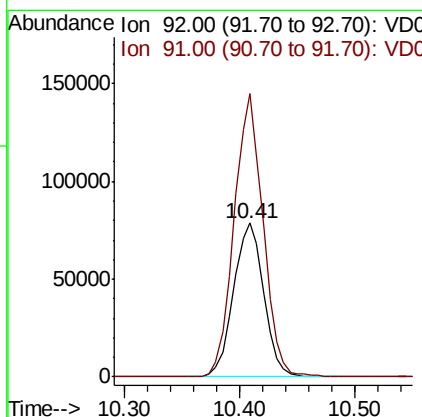
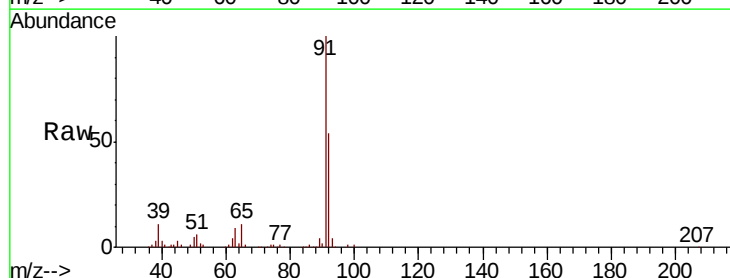
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

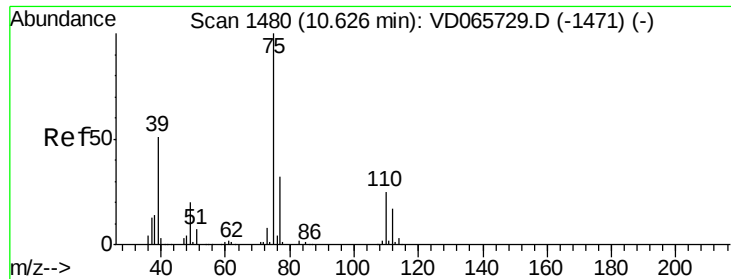
Tot Ion: 43 Resp: 154613
Ion Ratio Lower Upper
43 100
58 36.5 30.2 45.2



#52
Toluene
Concen: 21.540 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 92 Resp: 142605
Ion Ratio Lower Upper
92 100
91 176.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 21.190 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

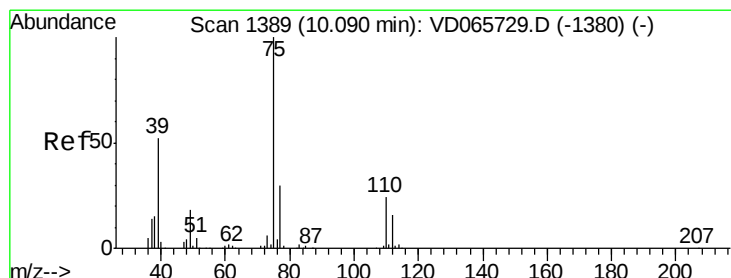
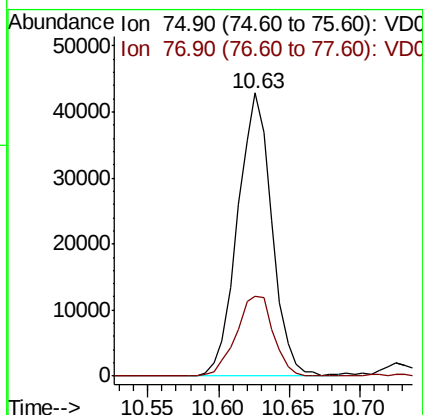
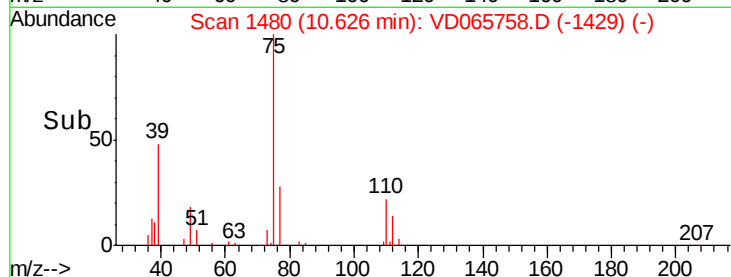
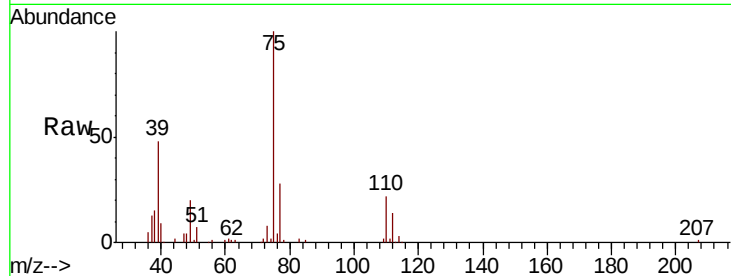
VD0526SBSD01

Tot Ion: 75 Resp: 72801

Ion Ratio Lower Upper

75 100

77 28.3 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 21.619 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

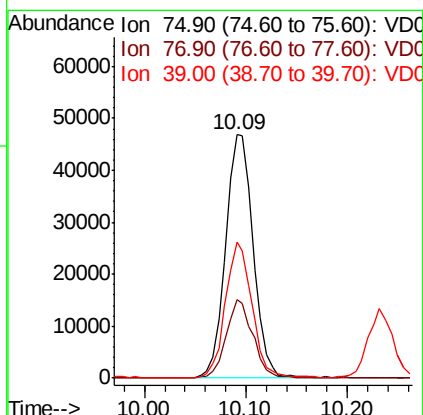
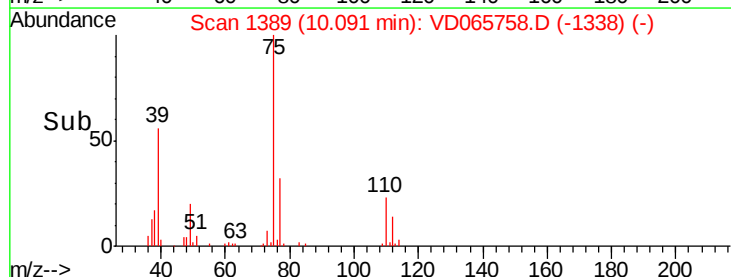
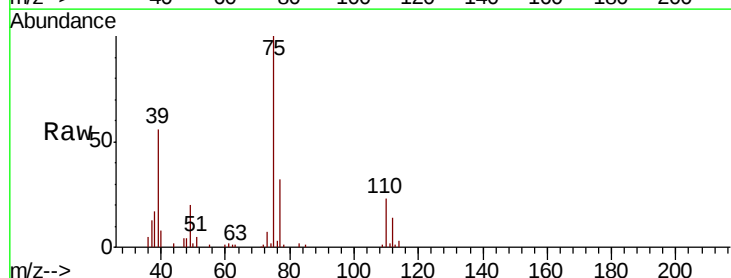
Tgt Ion: 75 Resp: 88349

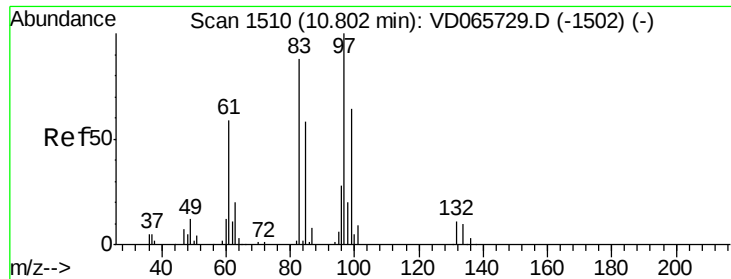
Ion Ratio Lower Upper

75 100

77 32.1 23.8 35.6

39 56.1 41.9 62.9

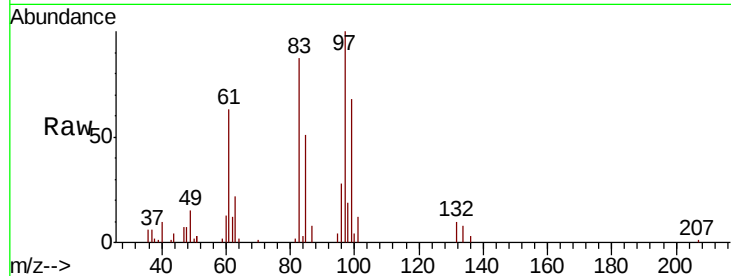




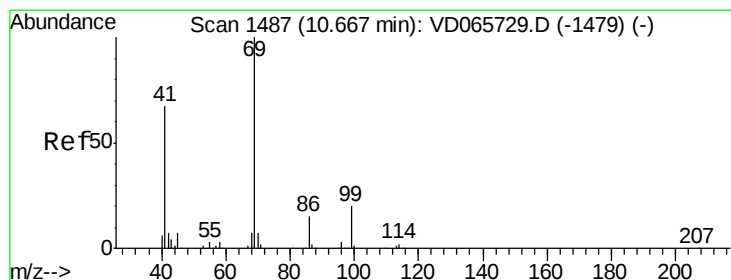
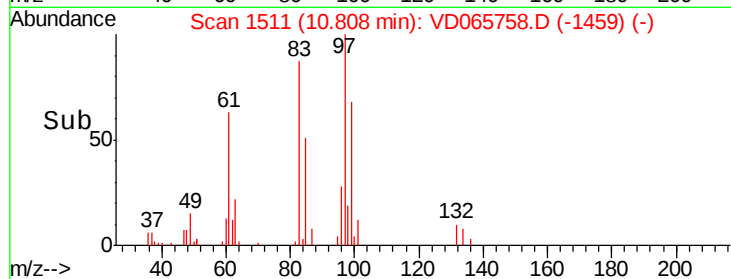
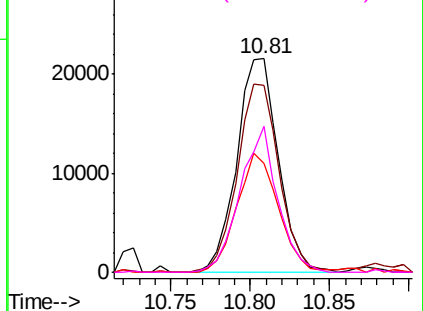
#55
 1,1,2-Trichloroethane
 Concen: 21.427 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBSD01

Tot Ion: 97 Resp: 39218
 Ion Ratio Lower Upper
 97 100
 83 87.4 70.7 106.1
 85 50.9 46.8 70.2
 99 68.1 50.9 76.3

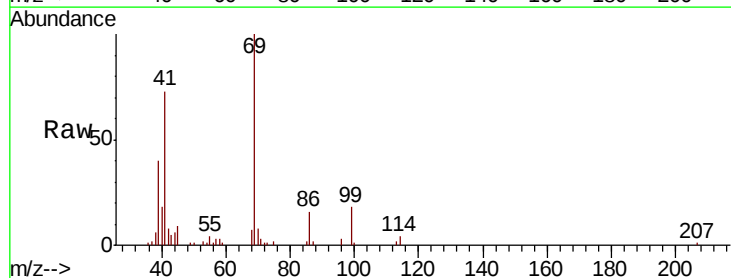


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

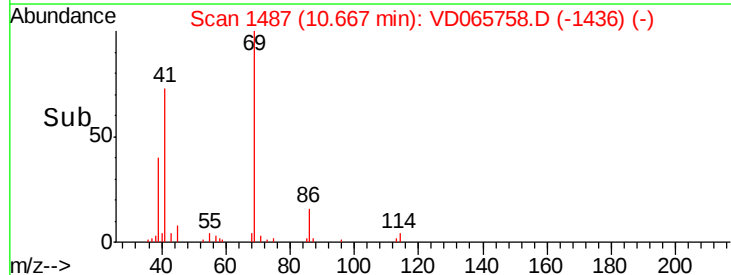
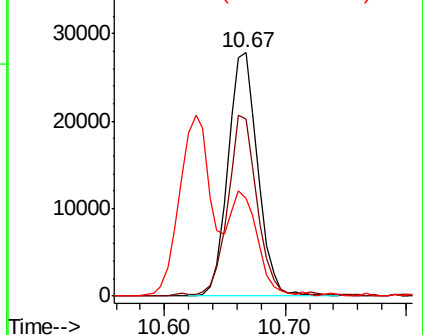


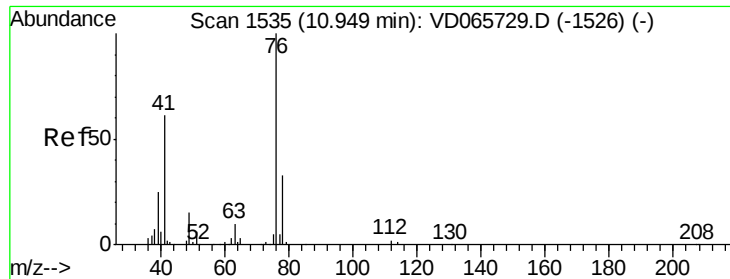
#56
 Ethyl methacrylate
 Concen: 19.987 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

Tgt Ion: 69 Resp: 47679
 Ion Ratio Lower Upper
 69 100
 41 73.3 55.7 83.5
 39 39.3 28.6 43.0



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: 20.999 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

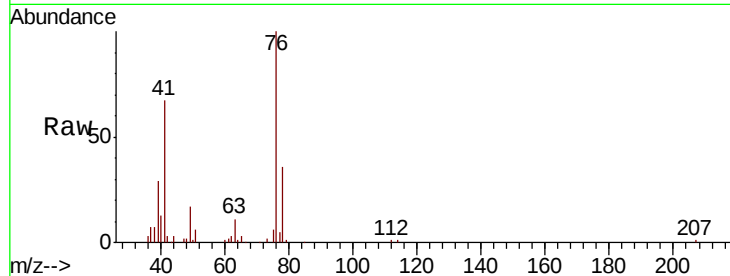
VD0526SBSD01

Tot Ion: 76 Resp: 66849

Ion Ratio Lower Upper

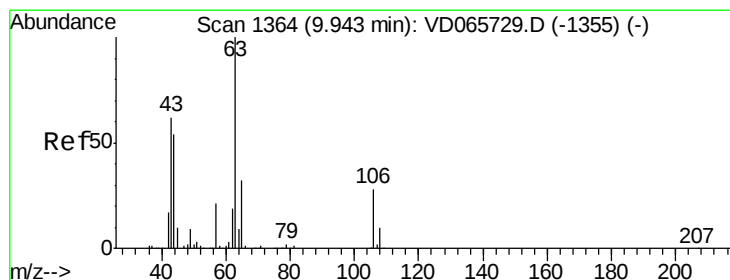
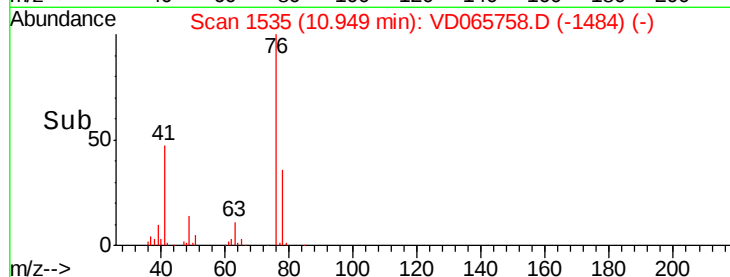
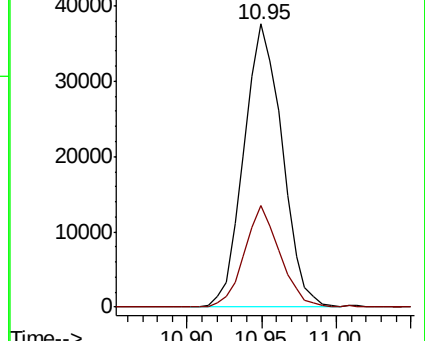
76 100

78 33.3 26.2 39.4



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: 106.203 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065758.D

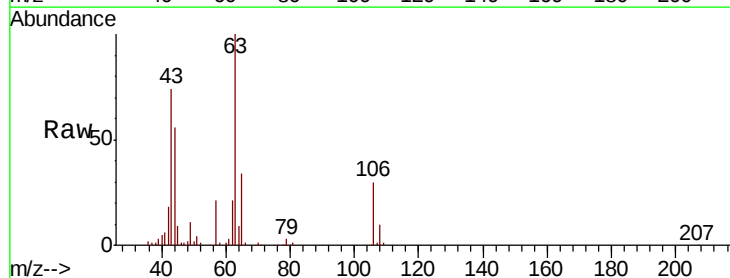
Acq: 26 May 2020 13:28

Tgt Ion: 63 Resp: 117867

Ion Ratio Lower Upper

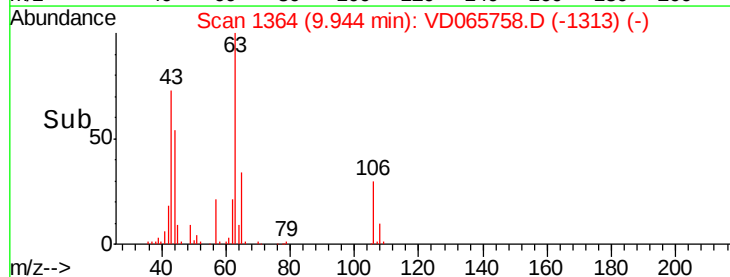
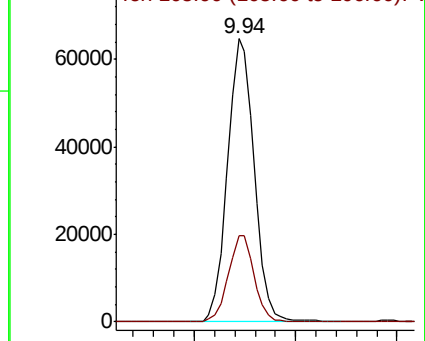
63 100

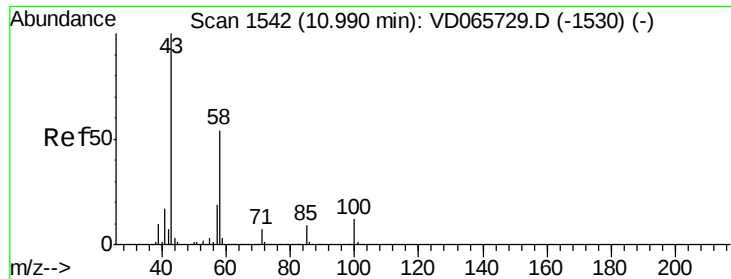
106 29.5 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

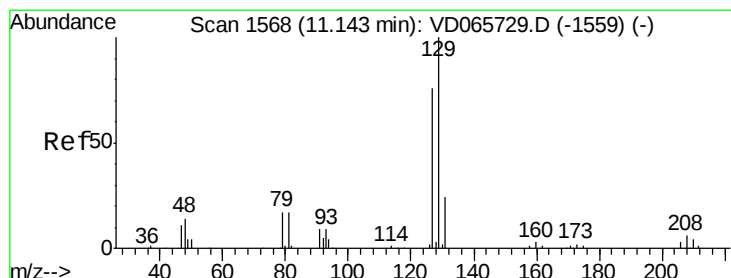
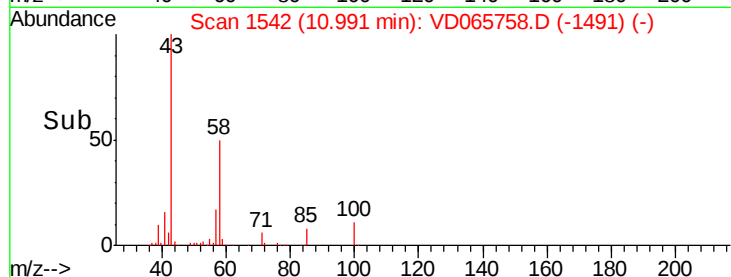
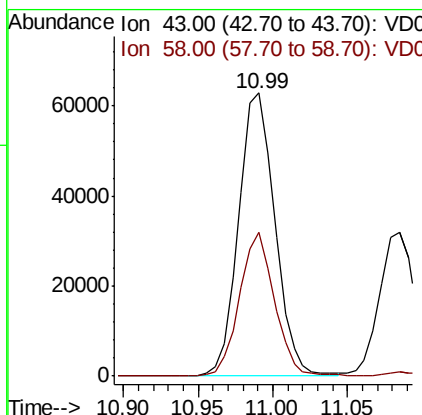
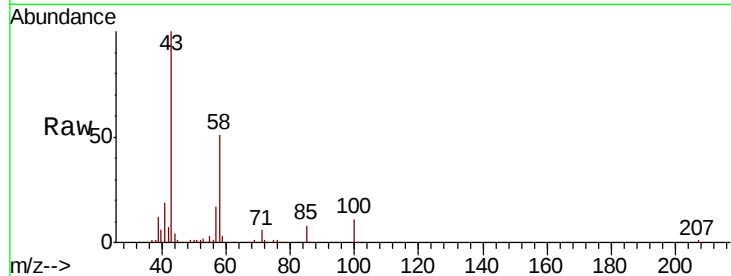




#59
2-Hexanone
Concen: 104.769 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

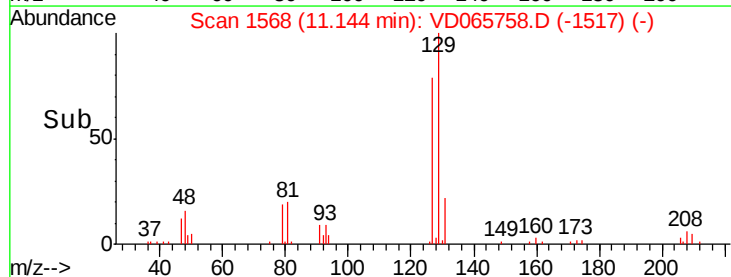
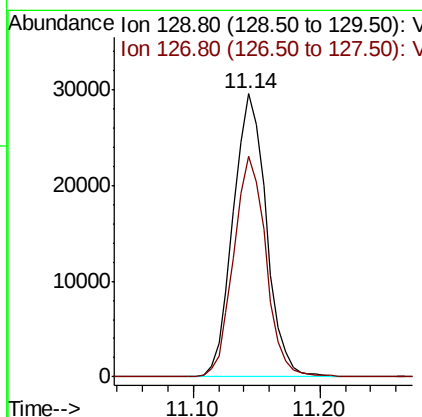
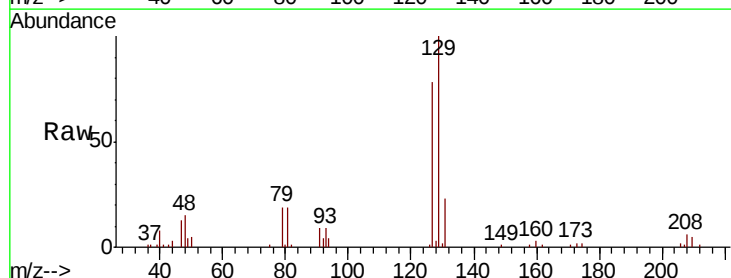
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

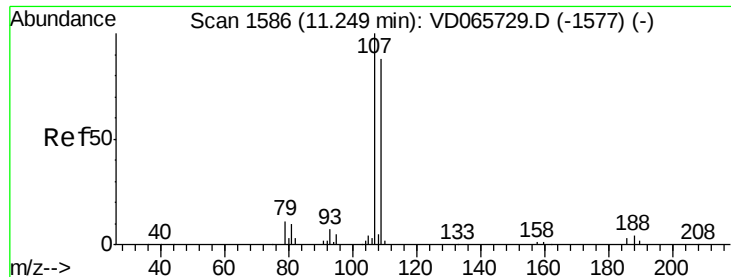
Tot Ion: 43 Resp: 106544
Ion Ratio Lower Upper
43 100
58 48.6 26.7 80.1



#60
Dibromochloromethane
Concen: 21.872 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 129 Resp: 53609
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9

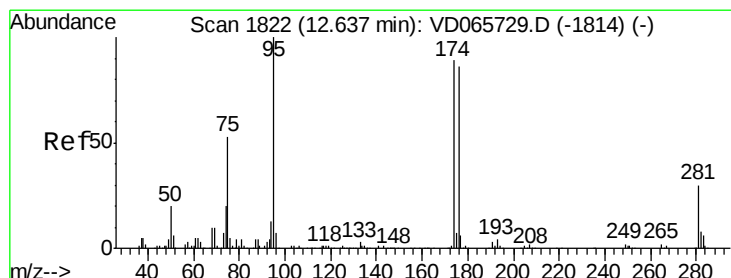
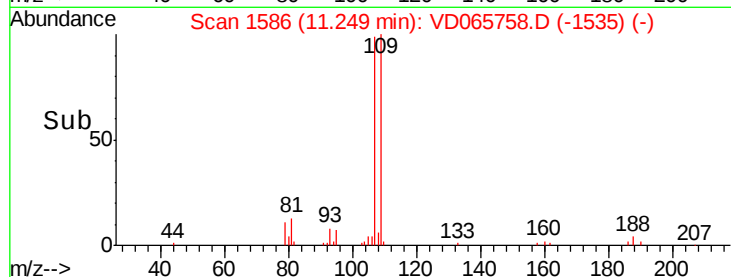
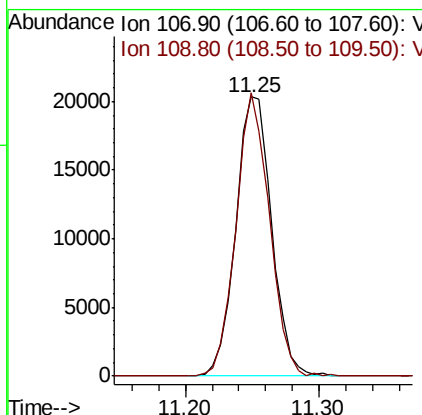
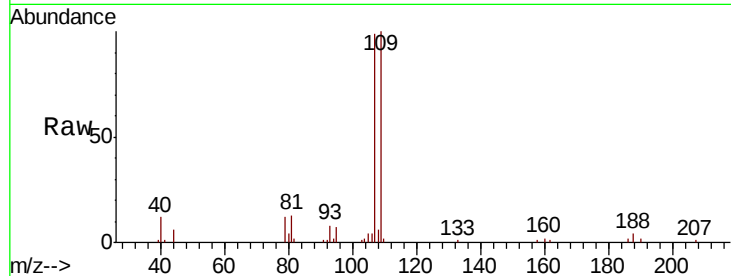




#61
 1,2-Dibromoethane
 Concen: 20.619 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

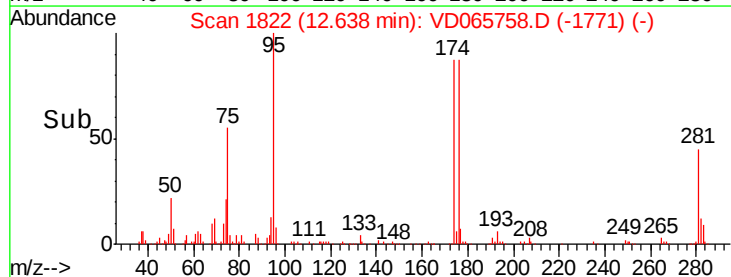
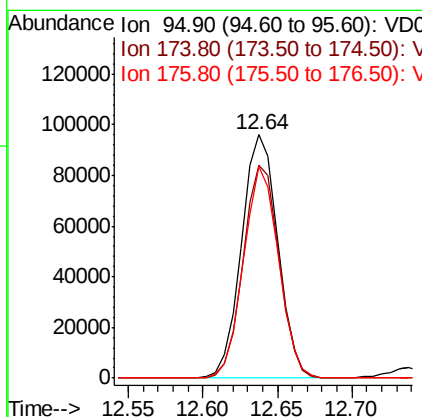
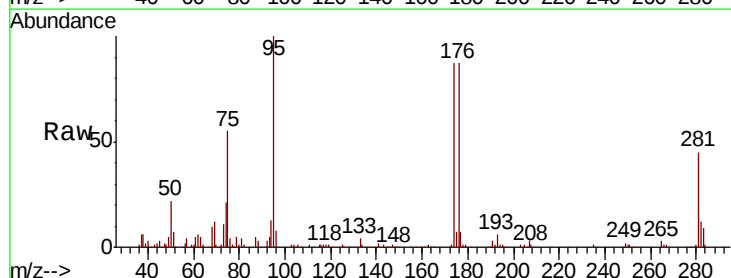
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBSD01

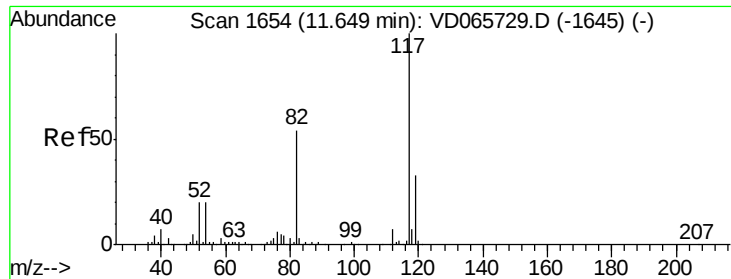
Tot Ion:107 Resp: 37691
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 52.136 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

Tgt Ion: 95 Resp: 161156
 Ion Ratio Lower Upper
 95 100
 174 86.6 0.0 179.4
 176 84.1 0.0 174.0

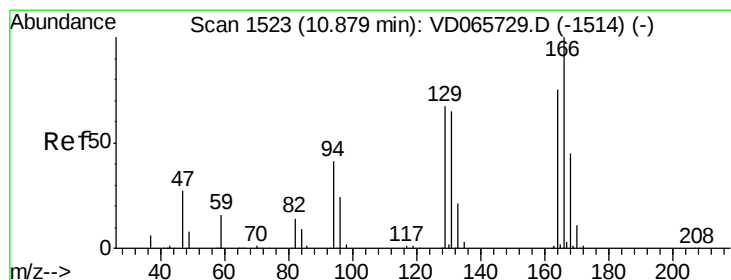
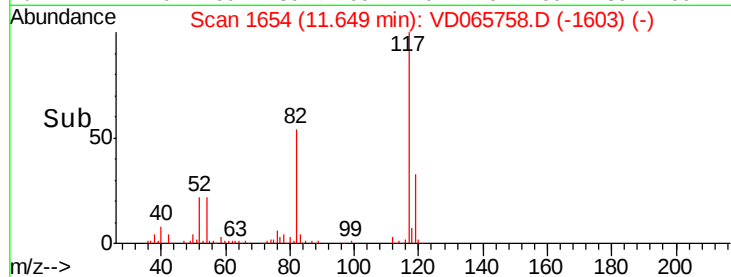
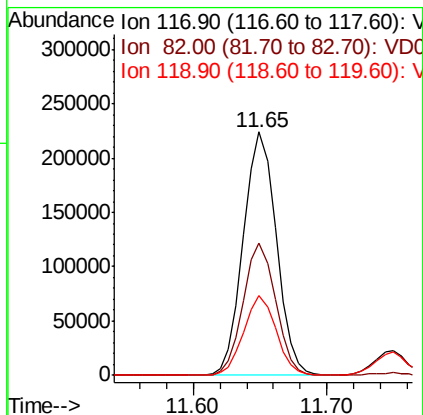
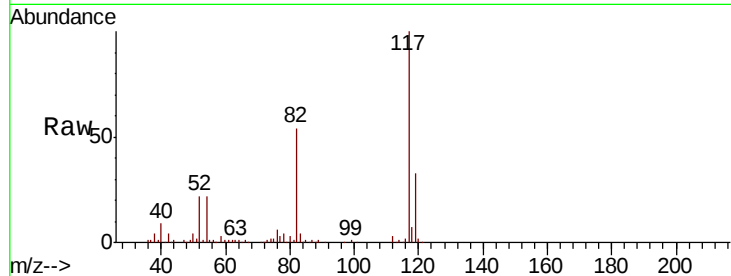




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

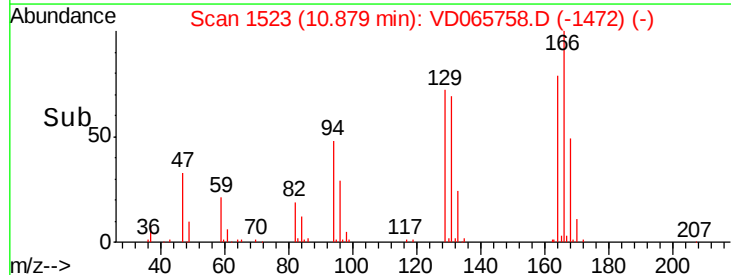
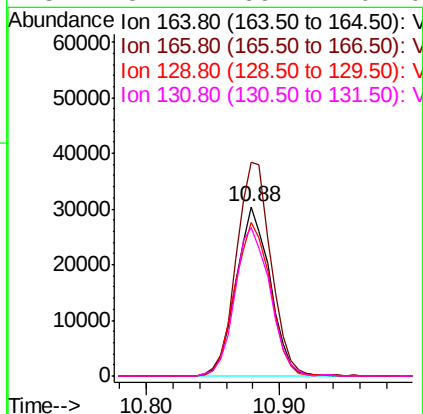
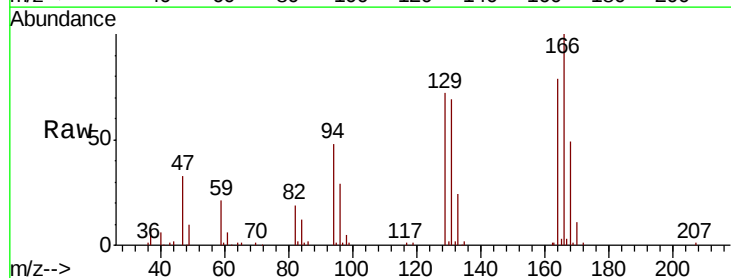
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

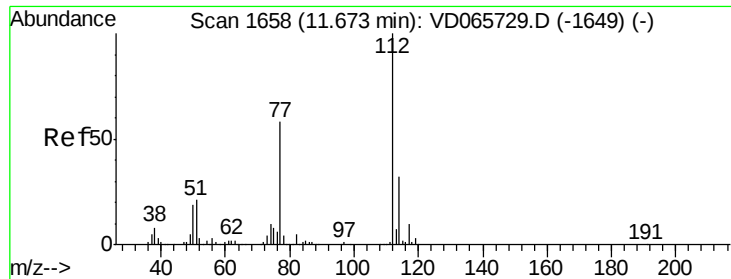
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.6
119	32.6	26.6	40.0



#64
Tetrachloroethene
Concen: 20.147 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	106.6	159.8
129	90.8	71.4	107.2
131	87.4	69.4	104.0

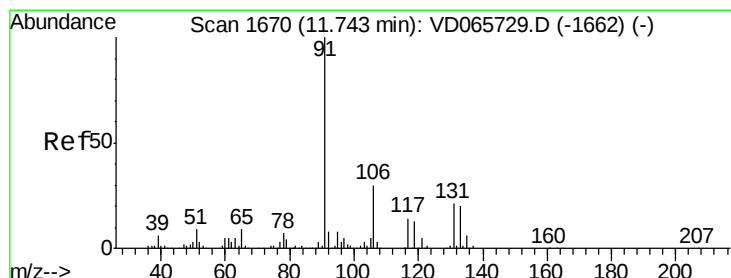
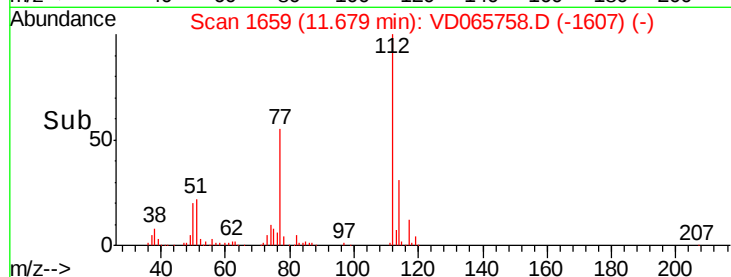
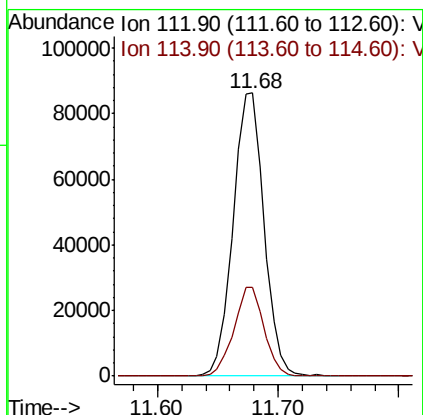
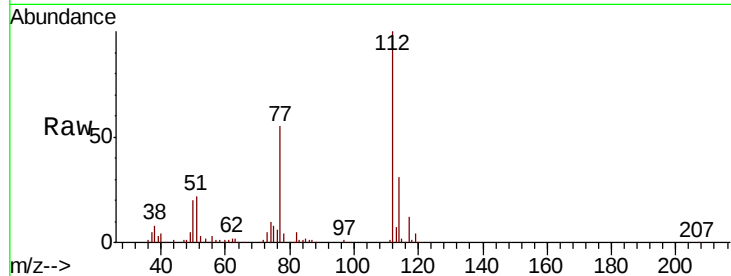




#65
Chlorobenzene
Concen: 21.309 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

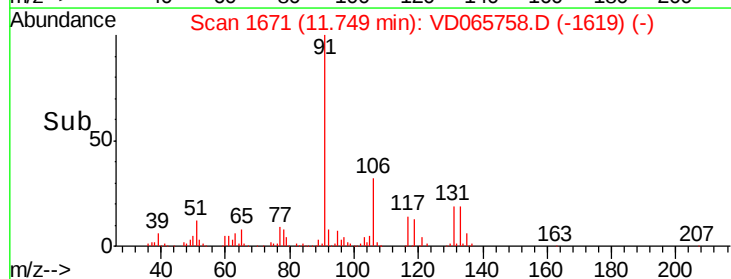
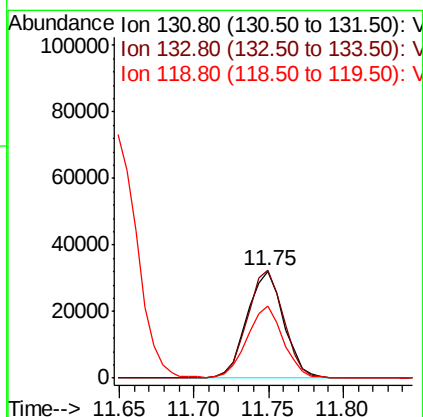
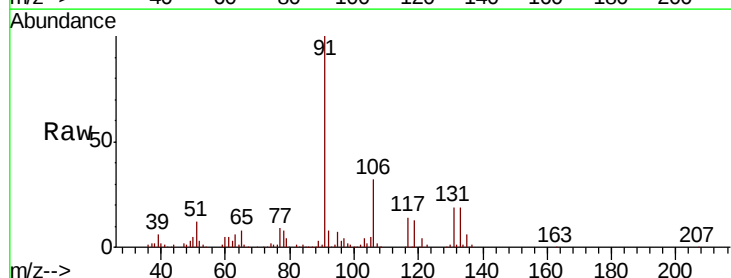
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

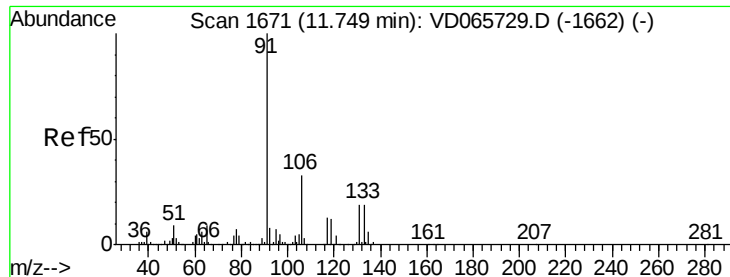
Tot Ion:112 Resp: 154176
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.117 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion:131 Resp: 54492
Ion Ratio Lower Upper
131 100
133 100.5 47.6 142.8
119 66.5 31.6 95.0





#67

Ethyl Benzene

Concen: 21.434 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

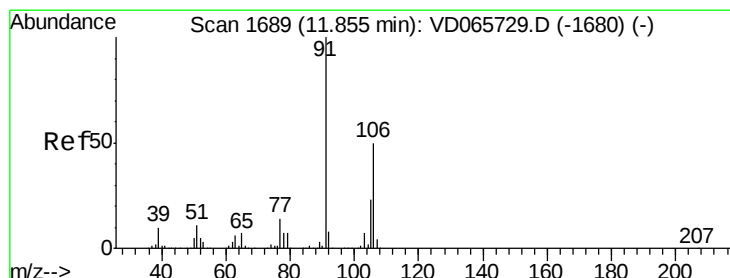
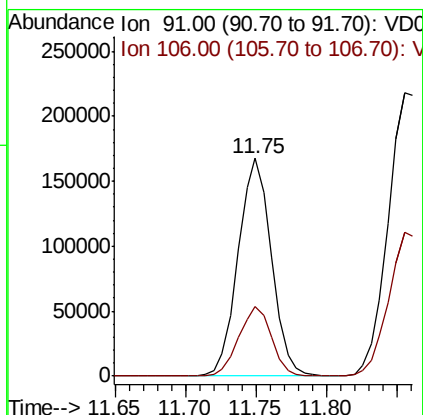
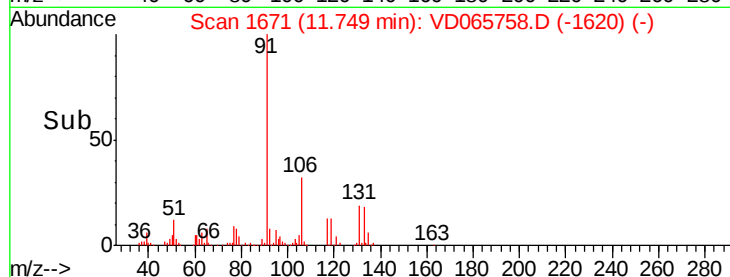
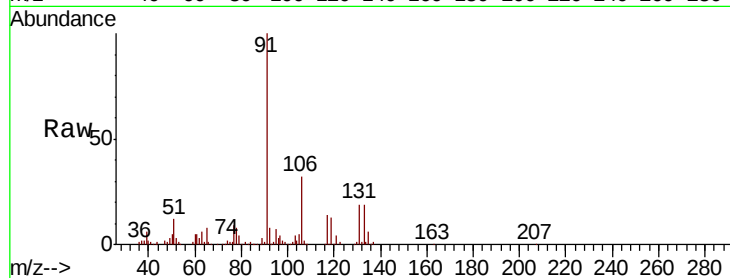
VD0526SBS01

Tot Ion: 91 Resp: 276520

Ion Ratio Lower Upper

91 100

106 31.9 26.6 40.0



#68

m/p-Xylenes

Concen: 43.352 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065758.D

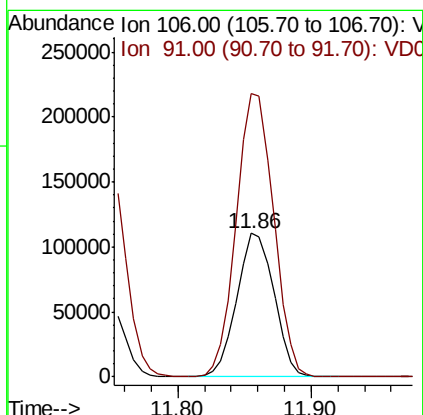
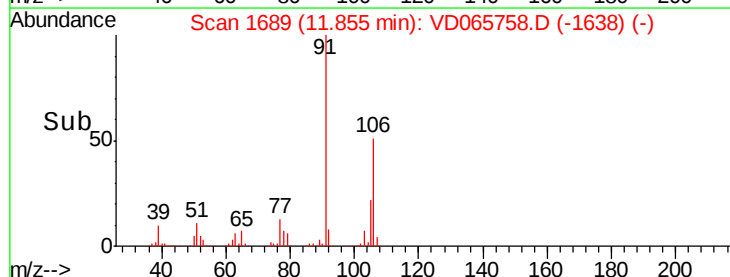
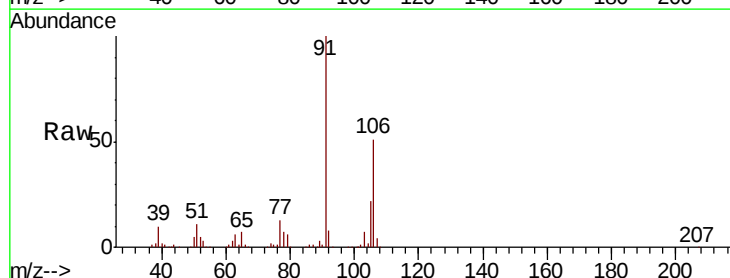
Acq: 26 May 2020 13:28

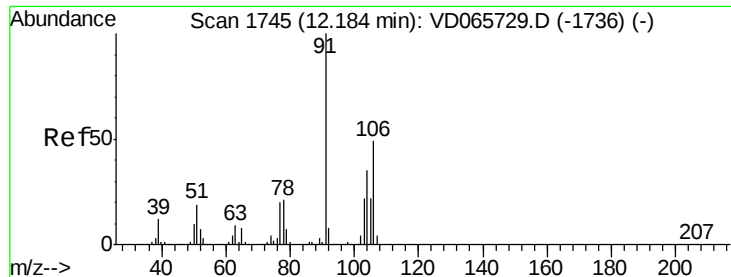
Tgt Ion: 106 Resp: 213607

Ion Ratio Lower Upper

106 100

91 198.3 158.7 238.1

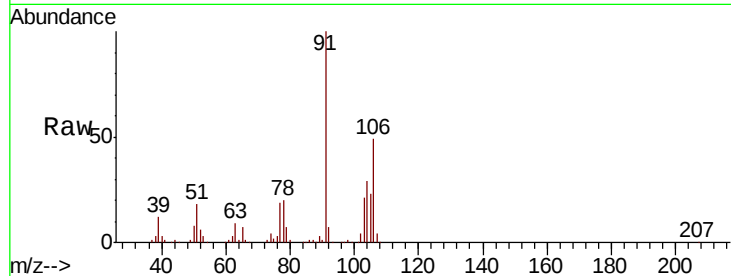




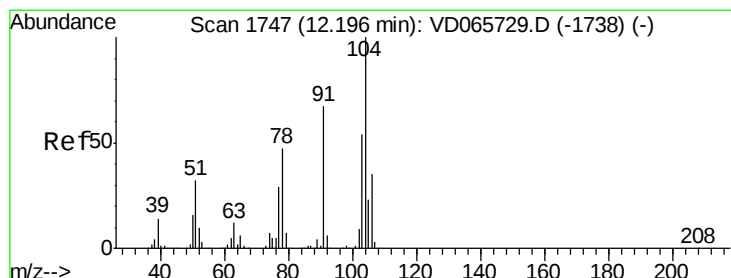
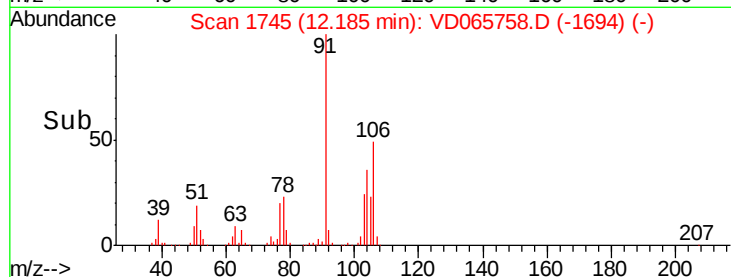
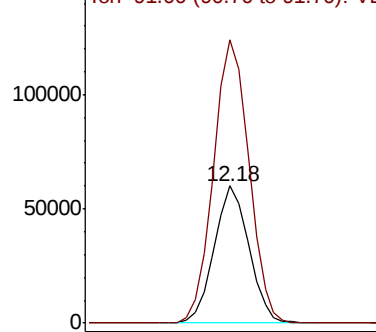
#69
o-Xylene
Concen: 21.073 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

Tot Ion:106 Resp: 96656
Ion Ratio Lower Upper
106 100
91 211.0 101.8 305.4

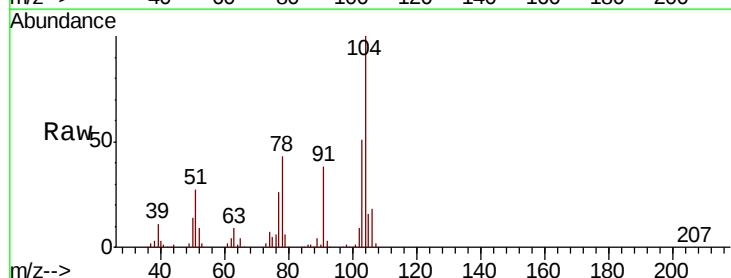


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

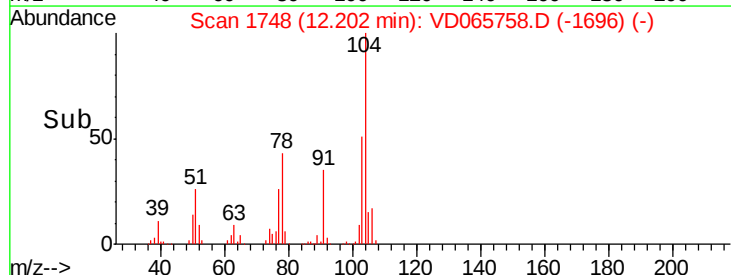
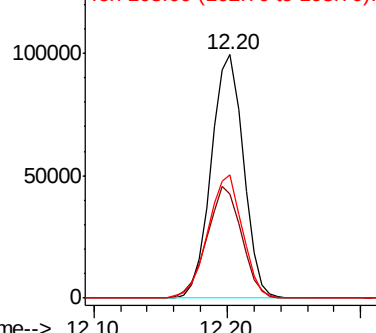


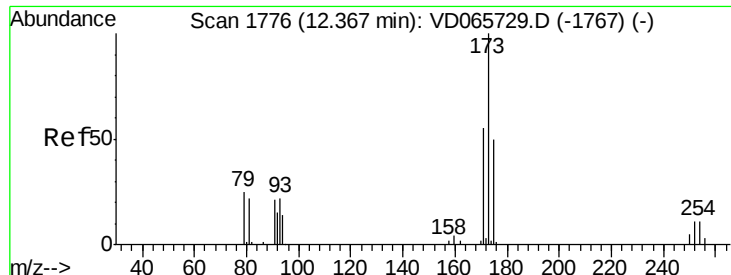
#70
Styrene
Concen: 21.170 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion:104 Resp: 165712
Ion Ratio Lower Upper
104 100
78 49.7 39.0 58.6
103 54.0 44.0 66.0



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

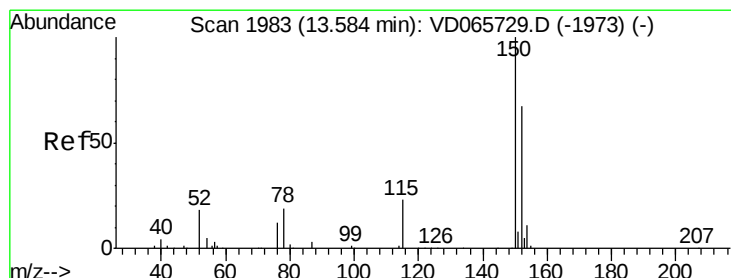
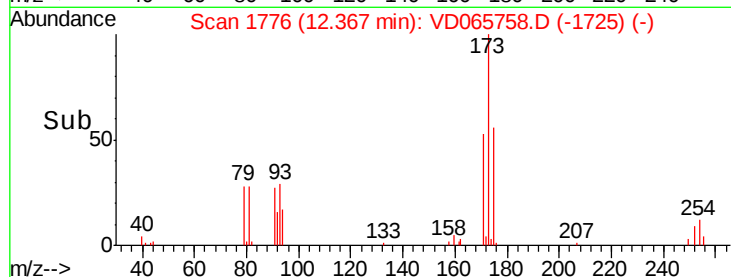
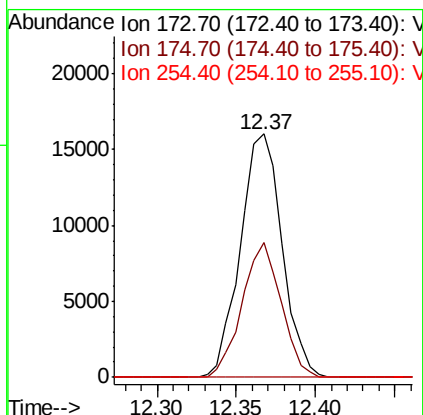
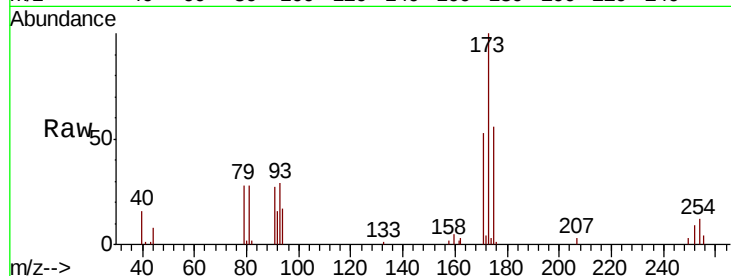




#71
Bromoform
Concen: 19.638 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

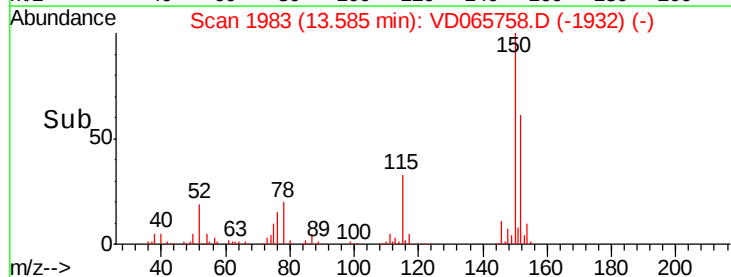
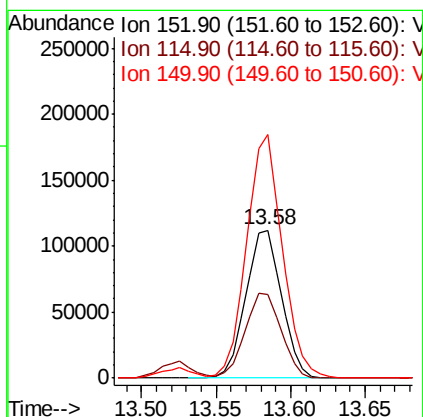
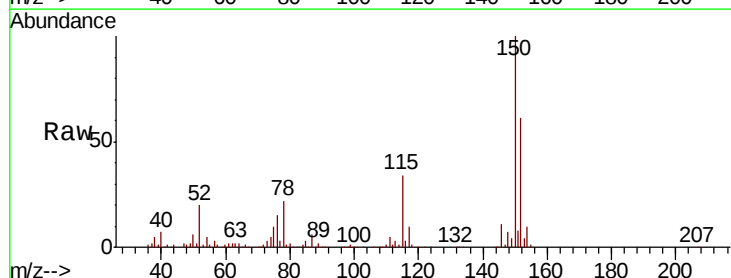
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

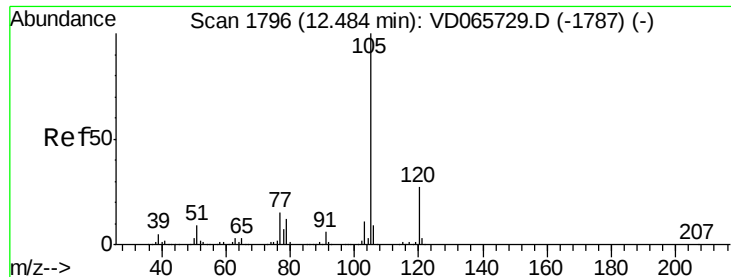
Tot Ion:173 Resp: 29360
Ion Ratio Lower Upper
173 100
175 51.6 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion:152 Resp: 185353
Ion Ratio Lower Upper
152 100
115 57.9 28.1 84.3
150 164.6 0.0 343.2

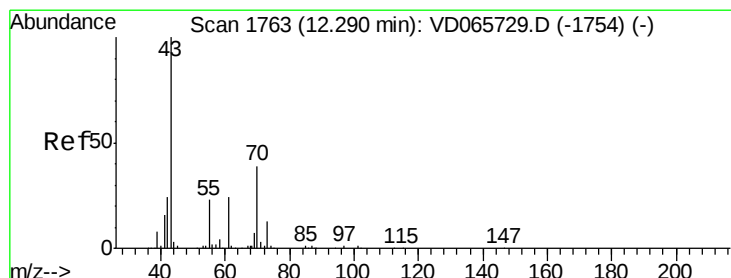
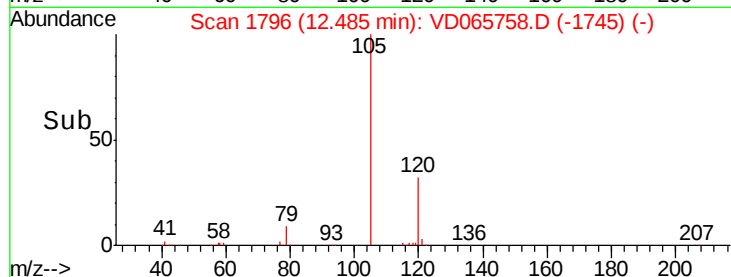
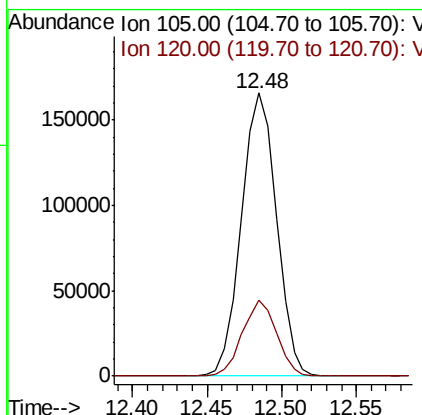
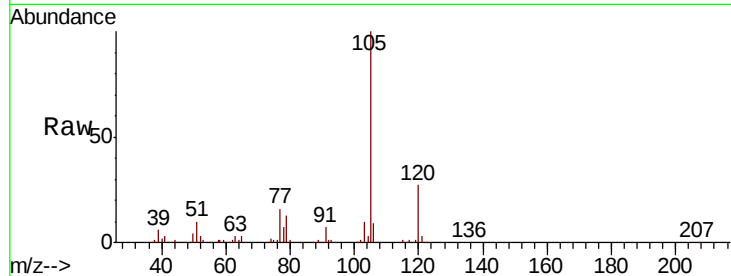




#73
Isopropylbenzene
Concen: 21.731 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

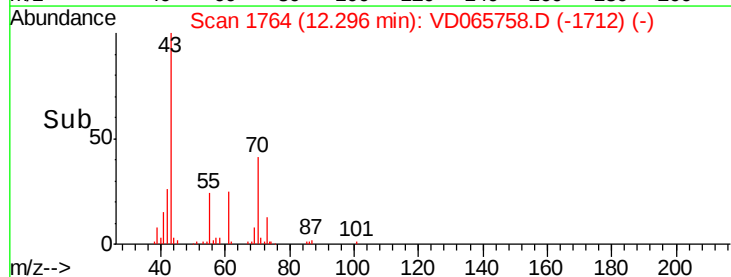
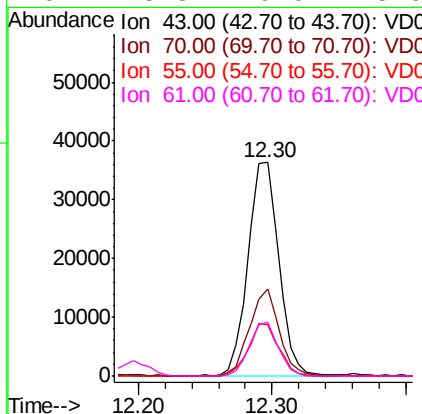
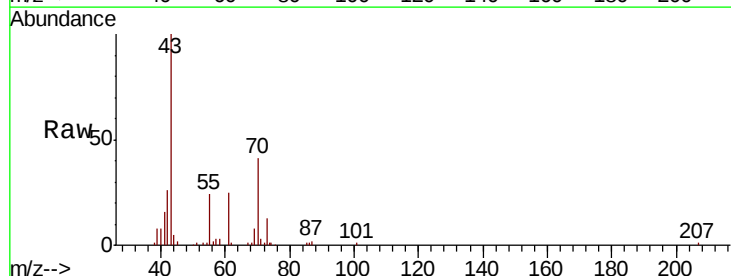
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

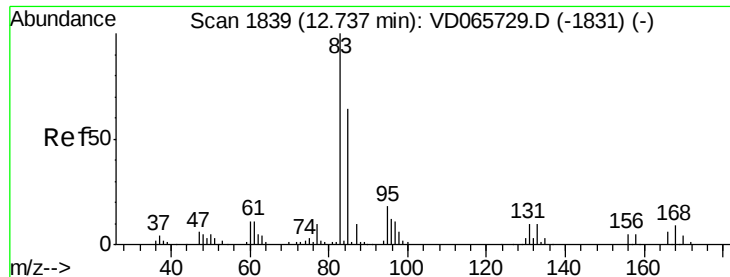
Tot Ion:105 Resp: 270417
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0



#74
N-ethyl acetate
Concen: 20.062 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 43 Resp: 57963
Ion Ratio Lower Upper
43 100
70 39.0 31.8 47.6
55 23.8 17.9 26.9
61 23.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.629 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

VD0526SBSD01

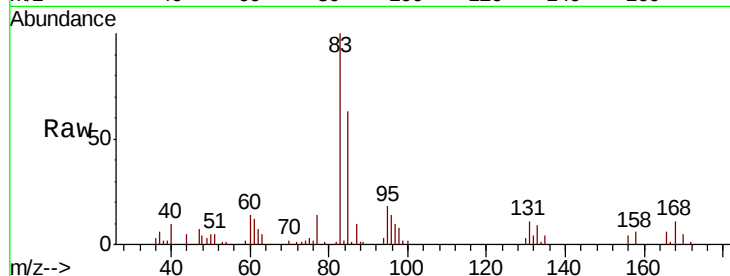
Tot Ion: 83 Resp: 42599

Ion Ratio Lower Upper

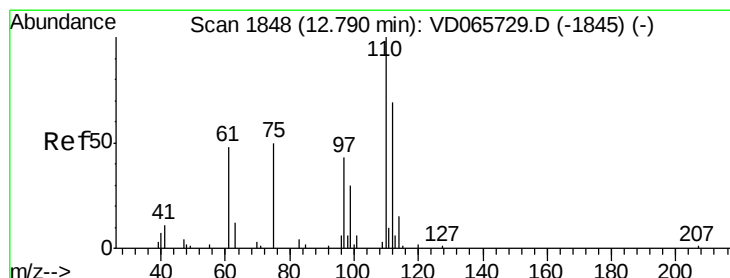
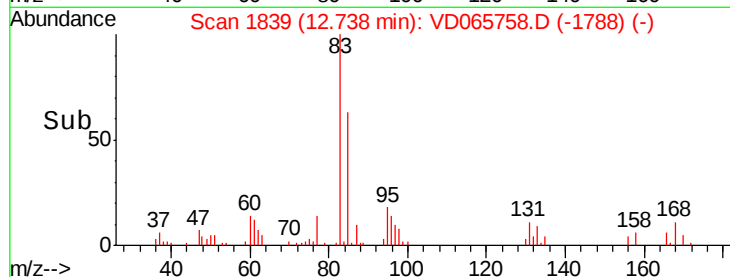
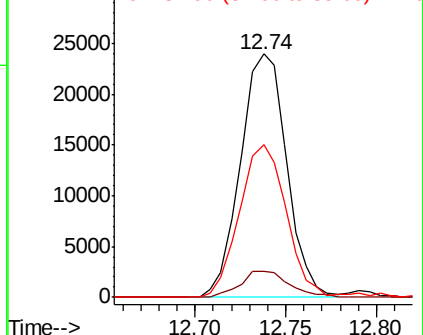
83 100

131 11.5 5.9 17.6

85 63.3 32.5 97.4



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: 23.758 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065758.D

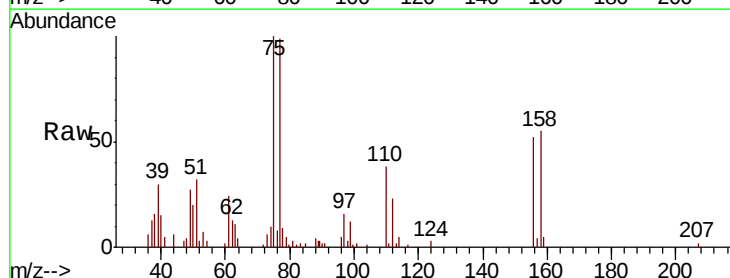
Acq: 26 May 2020 13:28

Tgt Ion: 75 Resp: 32865

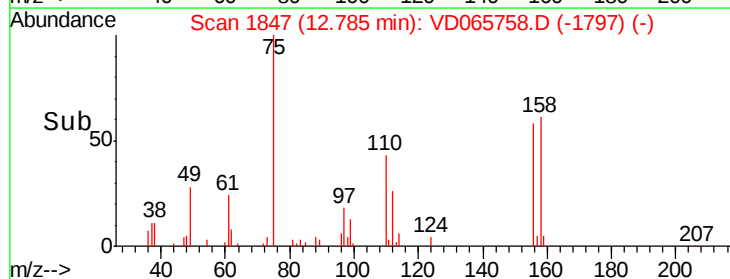
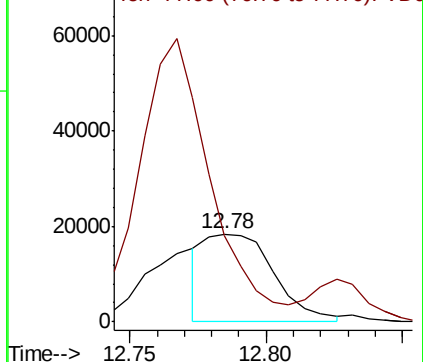
Ion Ratio Lower Upper

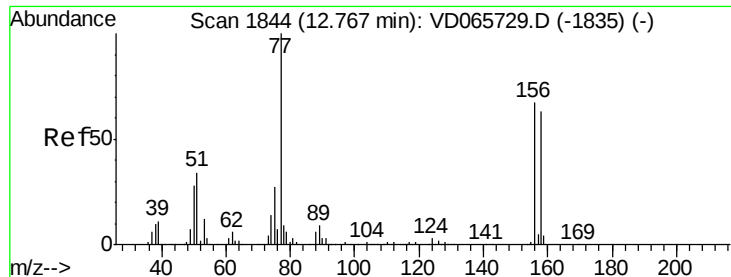
75 100

77 330.5 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: 21.595 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

VD0526SBSD01

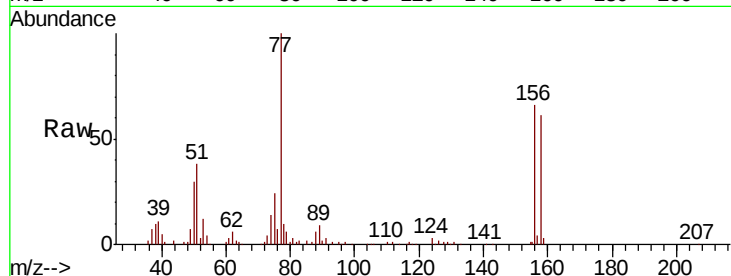
Tot Ion:156 Resp: 64771

Ion Ratio Lower Upper

156 100

77 167.7 84.9 254.6

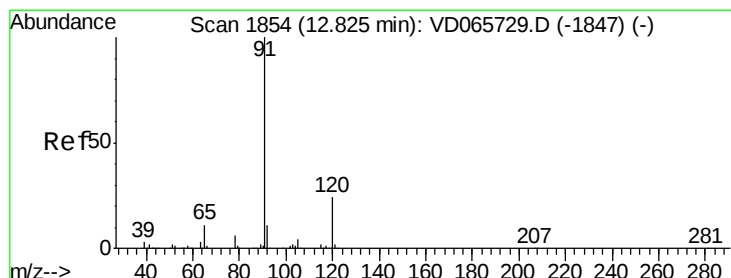
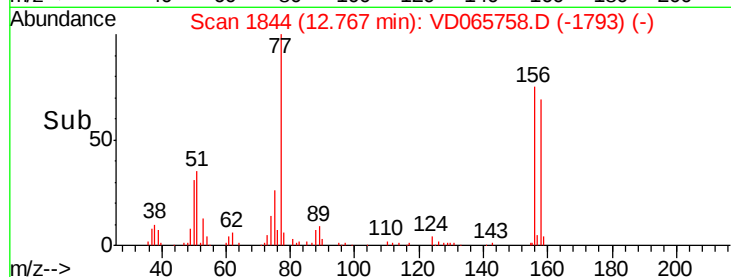
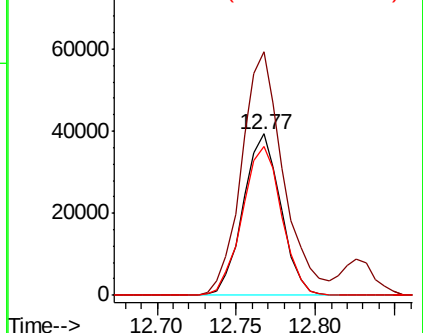
158 96.4 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.980 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065758.D

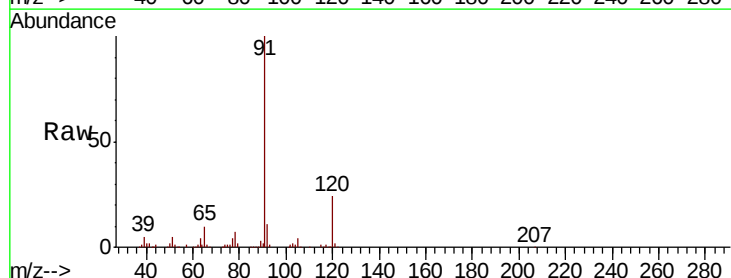
Acq: 26 May 2020 13:28

Tgt Ion: 91 Resp: 319498

Ion Ratio Lower Upper

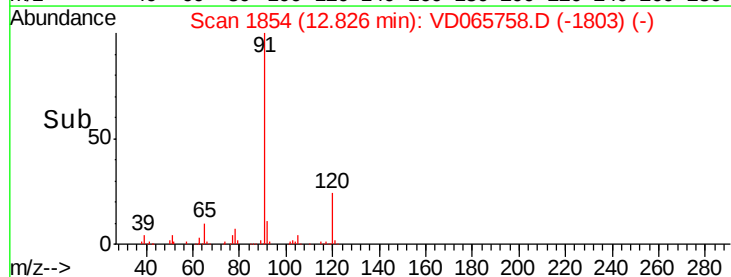
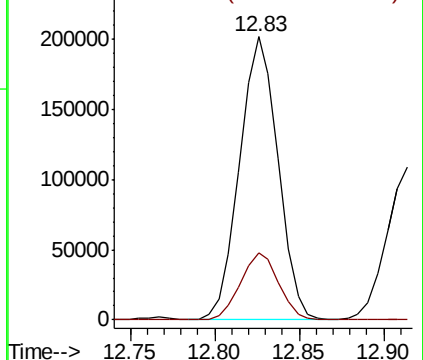
91 100

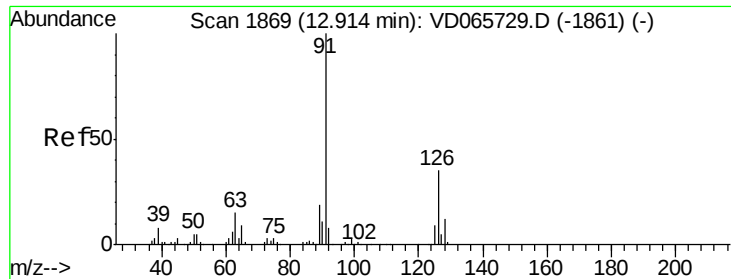
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

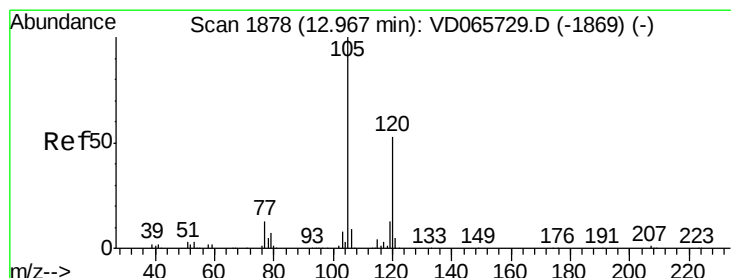
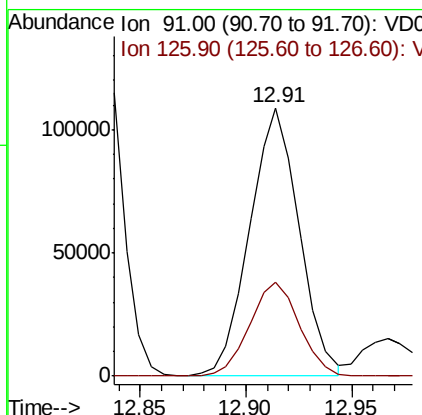
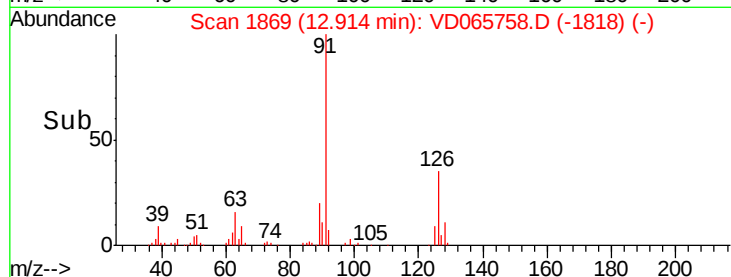
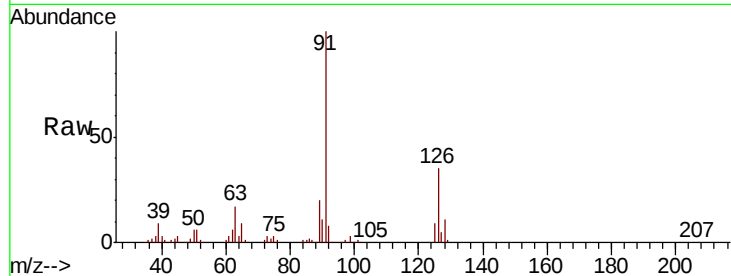




#79
2-Chlorotoluene
Concen: 22.054 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

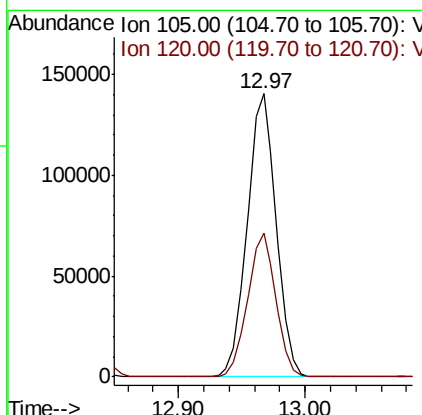
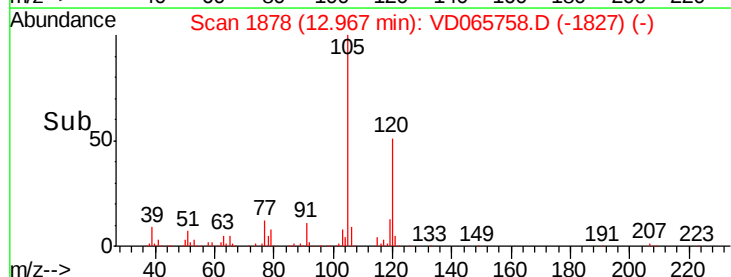
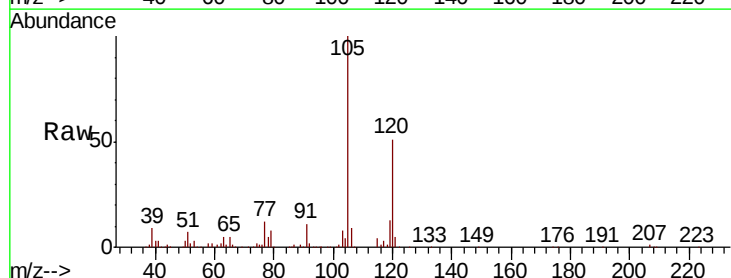
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

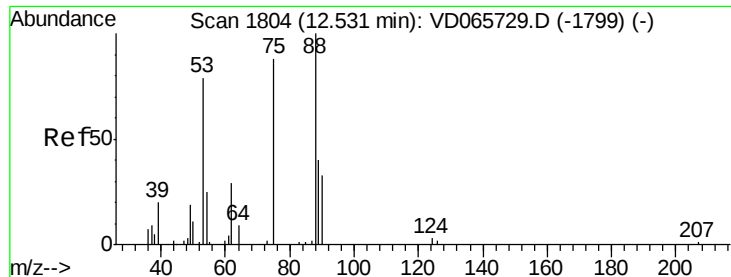
Tot Ion: 91 Resp: 177377
Ion Ratio Lower Upper
91 100
126 35.2 18.1 54.1



#80
1,3,5-Trimethylbenzene
Concen: 21.745 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion:105 Resp: 222948
Ion Ratio Lower Upper
105 100
120 49.4 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.912 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

VD0526SBSD01

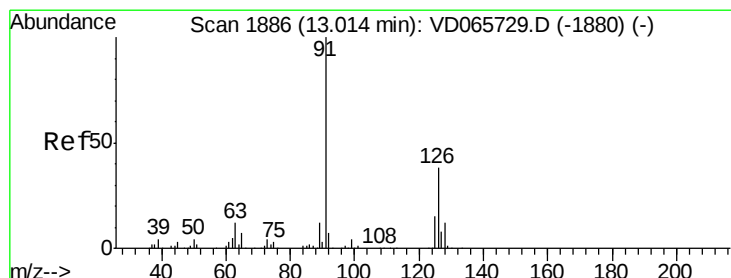
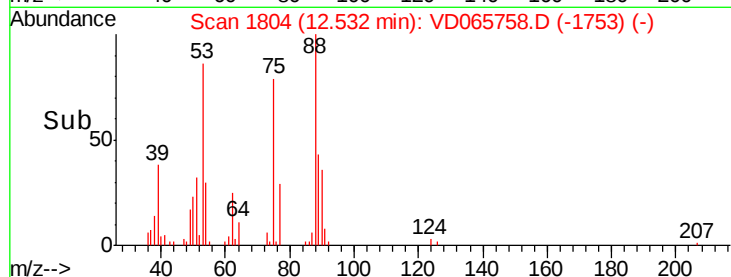
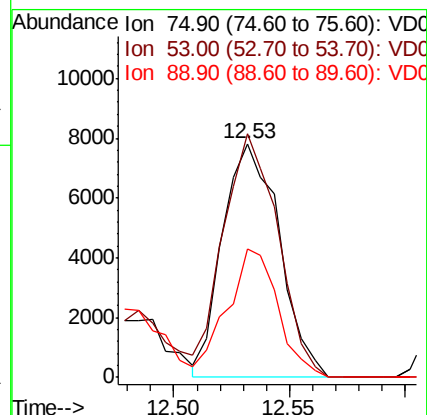
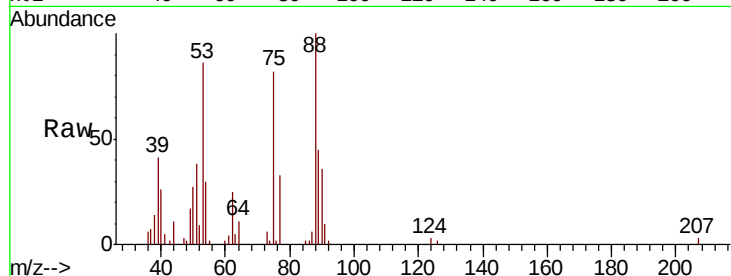
Tot Ion: 75 Resp: 13335

Ion Ratio Lower Upper

75 100

53 100.4 72.6 109.0

89 49.5 37.0 55.4



#82

4-Chlorotoluene

Concen: 21.844 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065758.D

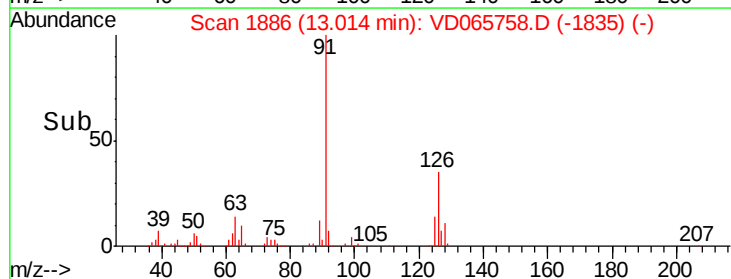
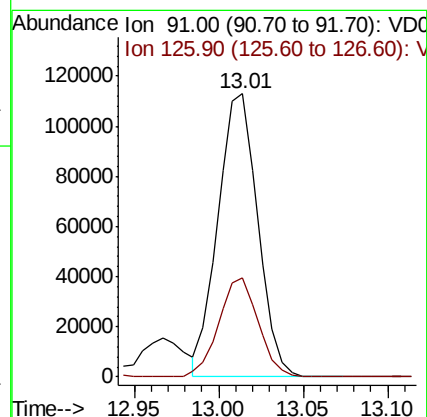
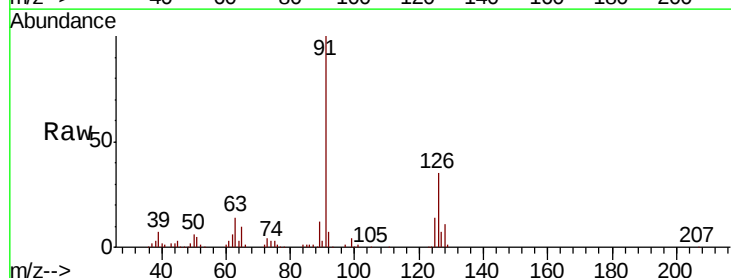
Acq: 26 May 2020 13:28

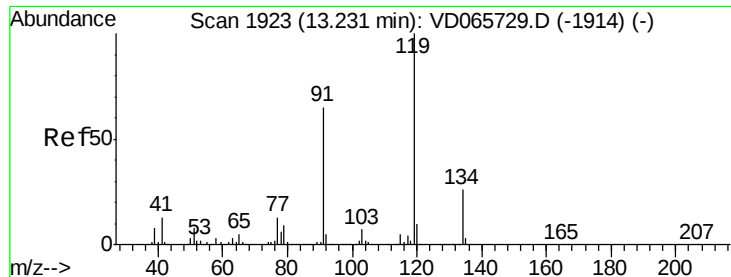
Tgt Ion: 91 Resp: 185223

Ion Ratio Lower Upper

91 100

126 34.8 17.8 53.3

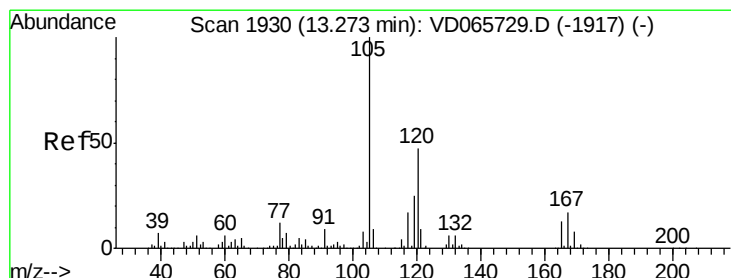
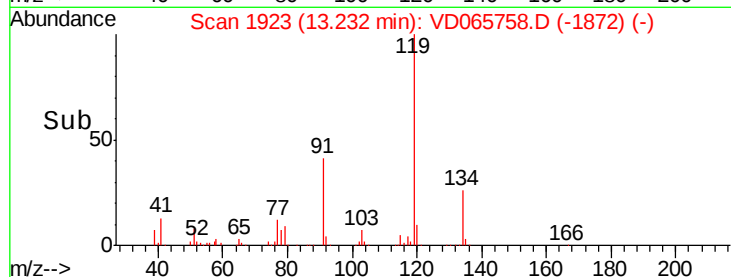
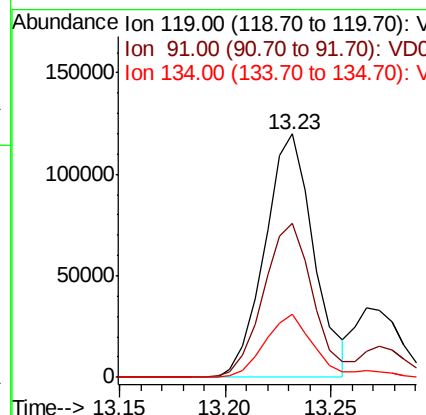
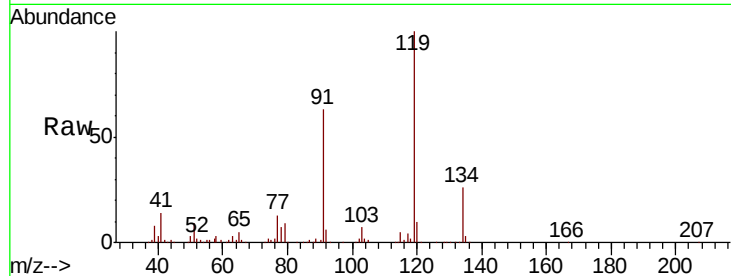




#83
tert-Butylbenzene
Concen: 21.288 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

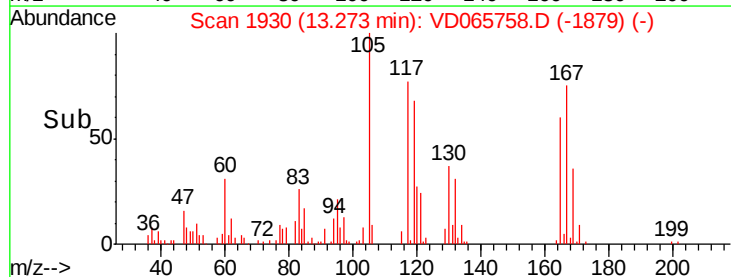
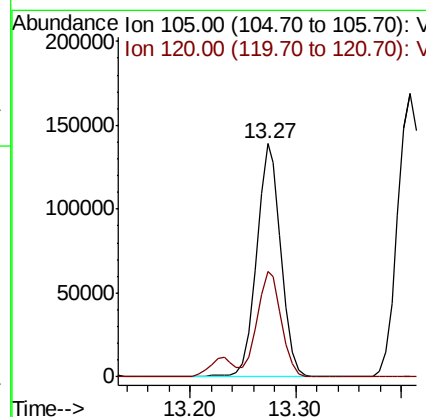
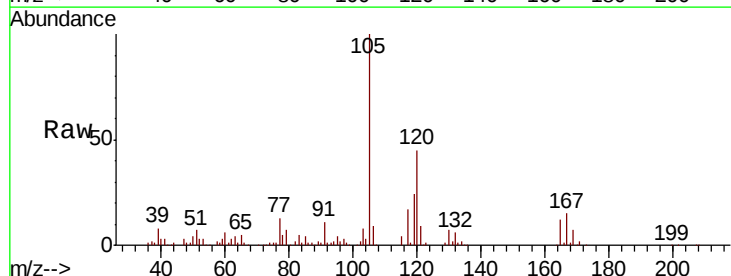
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

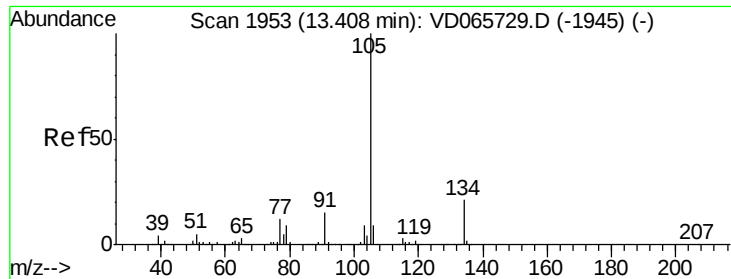
Tot Ion:119 Resp: 193545
Ion Ratio Lower Upper
119 100
91 65.1 31.6 95.0
134 25.2 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 21.904 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion:105 Resp: 221483
Ion Ratio Lower Upper
105 100
120 44.9 23.6 70.8





#85

sec-Butylbenzene

Concen: 21.891 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

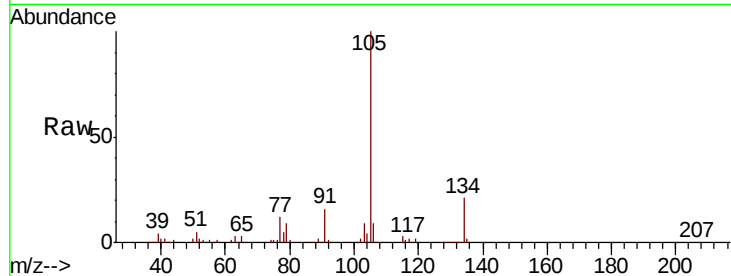
VD0526SBSD01

Tot Ion:105 Resp: 270815

Ion Ratio Lower Upper

105 100

134 20.5 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

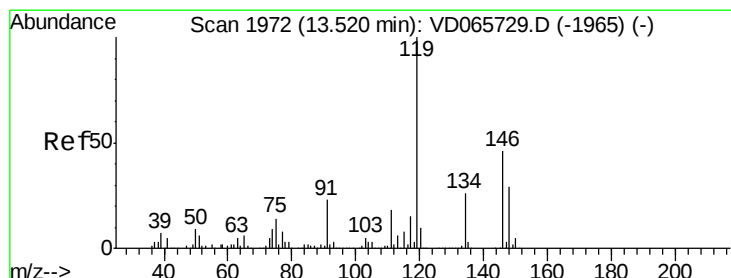
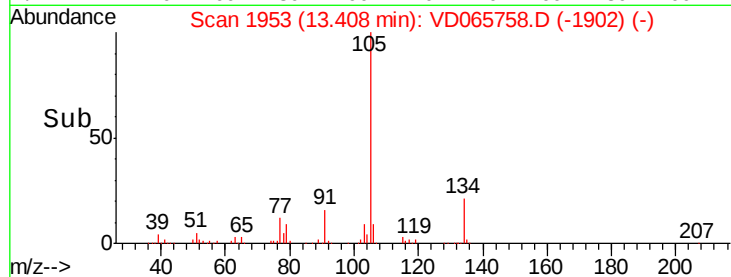
150000

100000

50000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 21.692 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

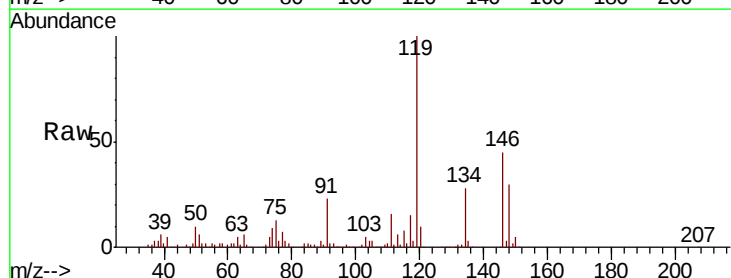
Tgt Ion:119 Resp: 246665

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 23.9 11.7 35.1



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

13.53

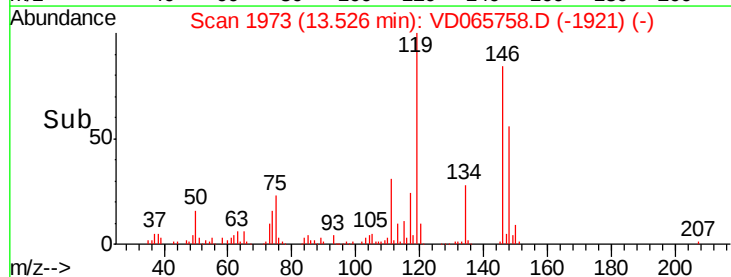
150000

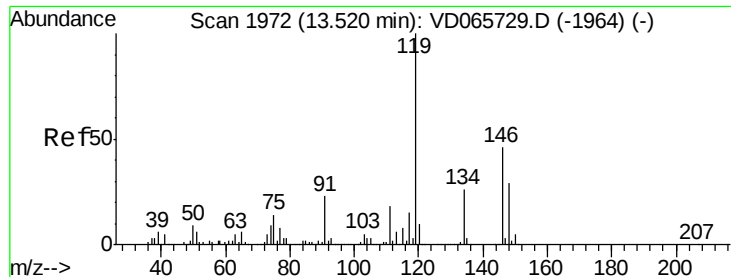
100000

50000

0

Time--> 13.45 13.50 13.55 13.60





#87

1,3-Dichlorobenzene

Concen: 21.494 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

VD0526SBSD01

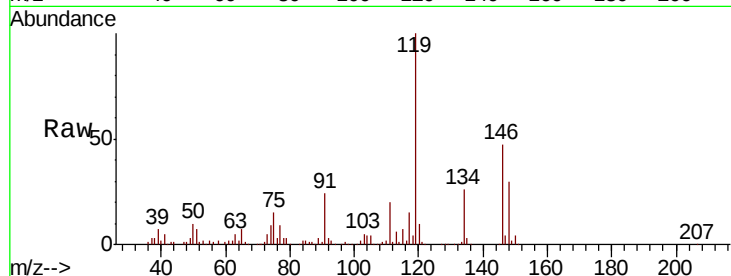
Tot Ion:146 Resp: 120913

Ion Ratio Lower Upper

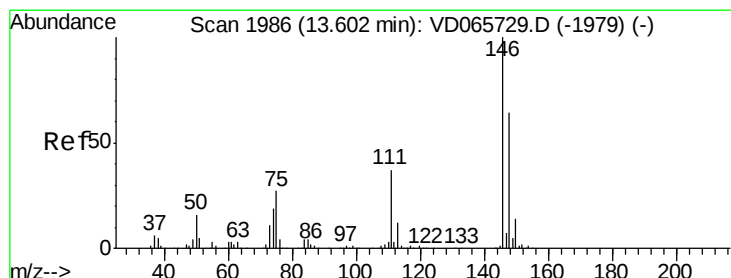
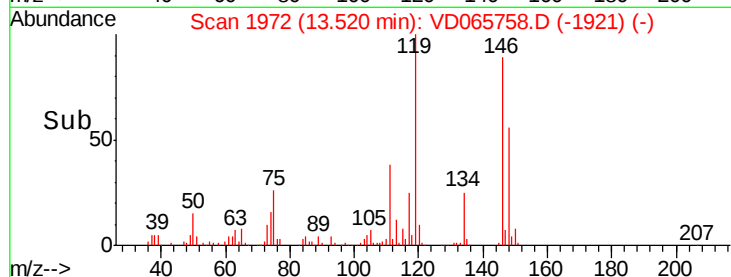
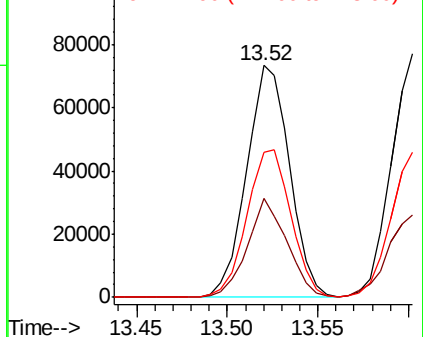
146 100

111 39.4 18.9 56.9

148 65.3 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 21.961 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

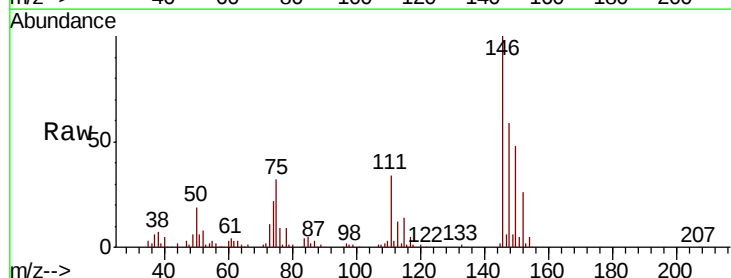
Tgt Ion:146 Resp: 123054

Ion Ratio Lower Upper

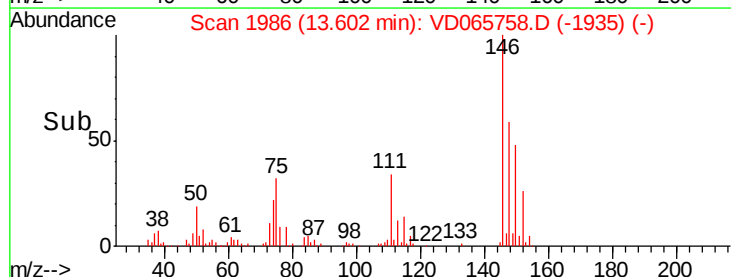
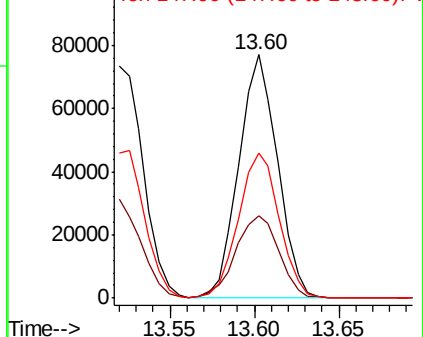
146 100

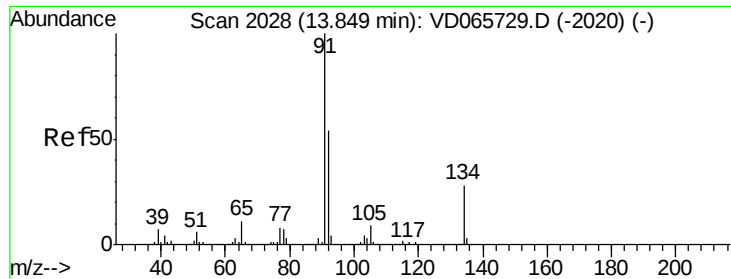
111 38.0 18.4 55.2

148 62.6 31.6 94.7



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

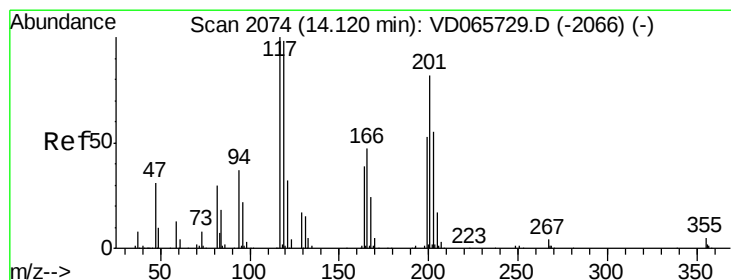
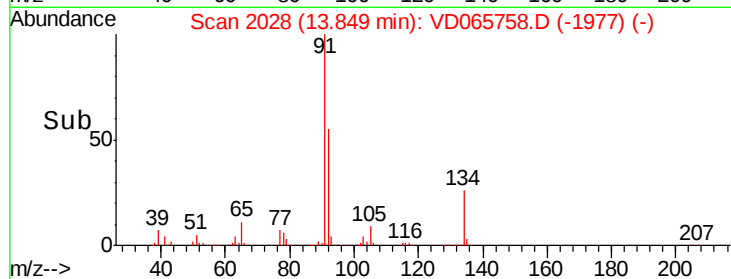
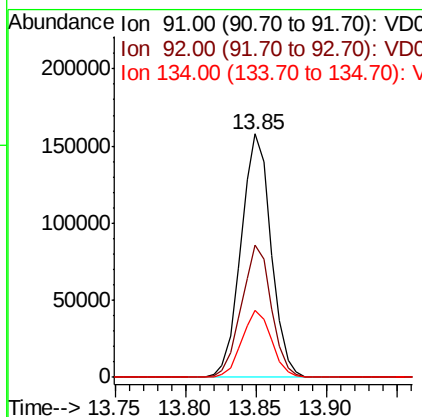
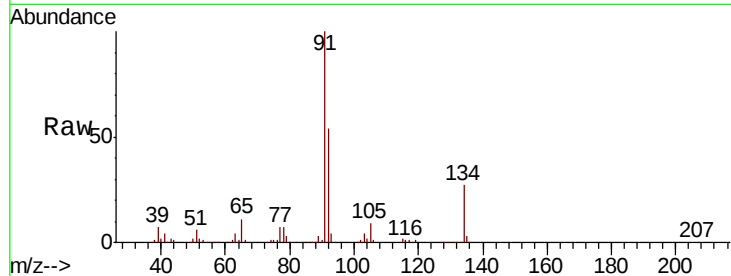




#89
n-Butylbenzene
Concen: 22.072 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

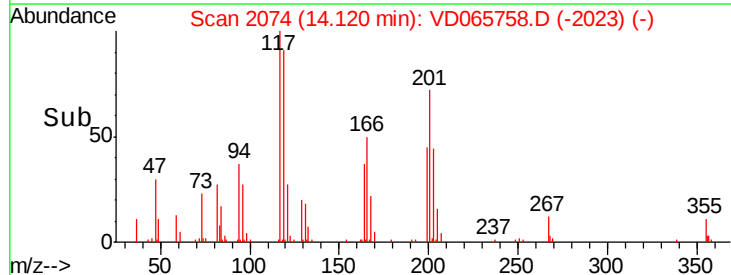
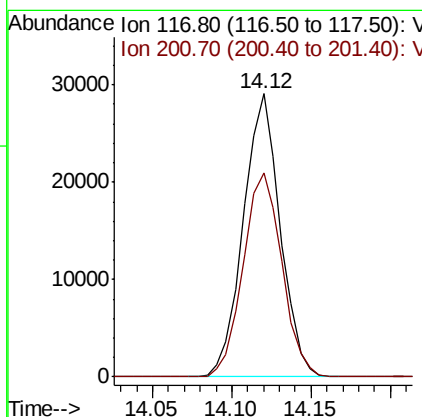
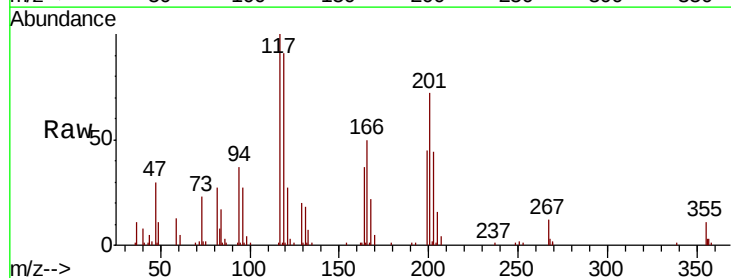
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBSD01

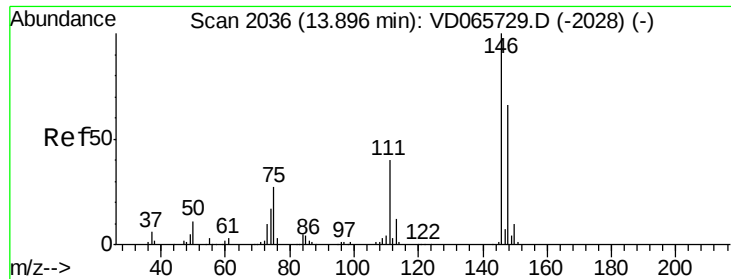
Tot Ion: 91 Resp: 234688
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 27.3 13.9 41.7



#90
Hexachloroethane
Concen: 21.046 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065758.D
Acq: 26 May 2020 13:28

Tgt Ion: 117 Resp: 46820
Ion Ratio Lower Upper
117 100
201 76.0 41.8 125.4





#91

1,2-Dichlorobenzene

Concen: 21.397 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

VD0526SBSD01

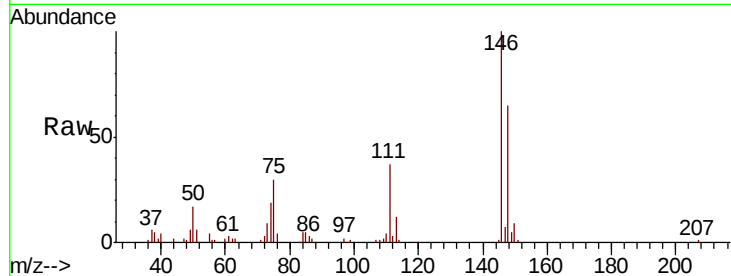
Tot Ion:146 Resp: 104113

Ion Ratio Lower Upper

146 100

111 41.3 20.0 60.0

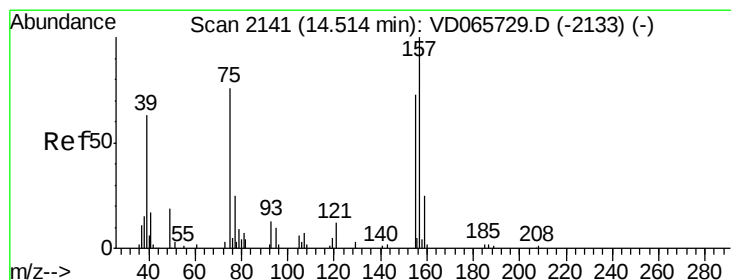
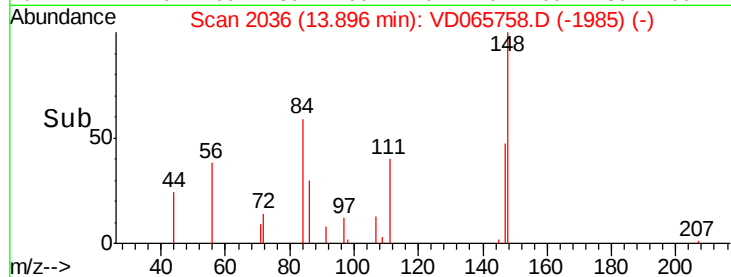
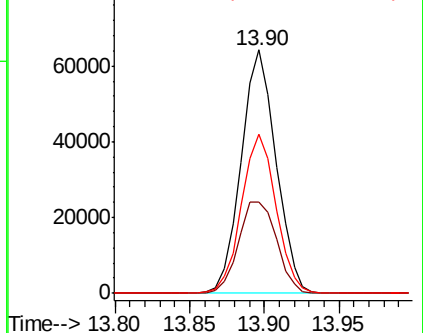
148 65.0 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.741 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

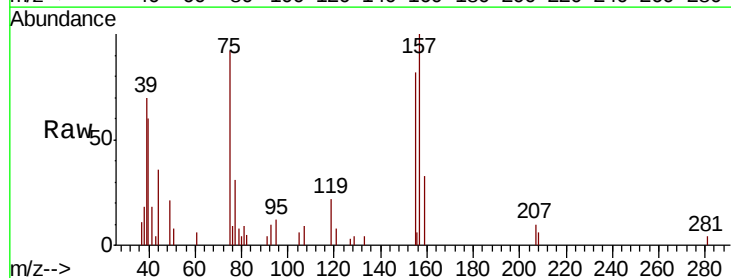
Tgt Ion: 75 Resp: 6831

Ion Ratio Lower Upper

75 100

155 91.0 48.4 145.0

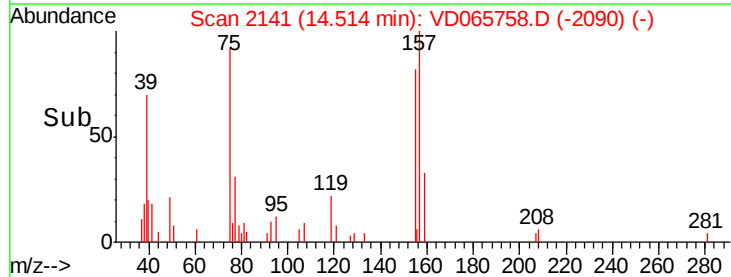
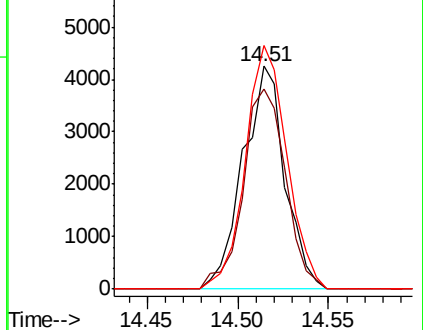
157 108.3 62.6 187.8

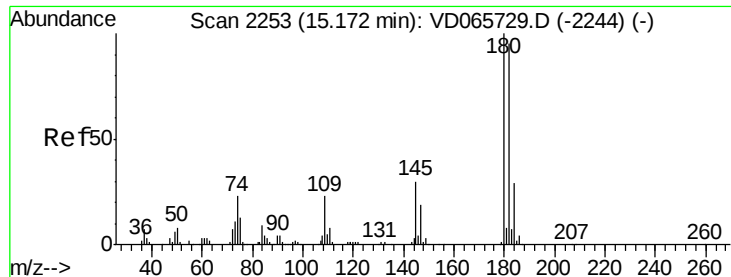


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

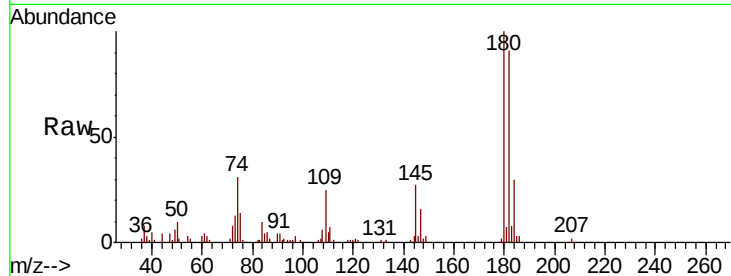




#93
 1,2,4-Trichlorobenzene
 Concen: 20.406 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.0	141.0
145	28.1	14.5	43.6

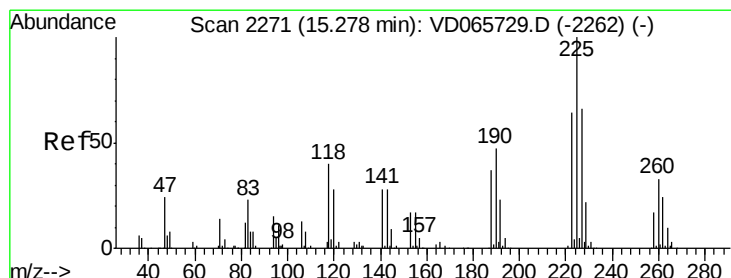
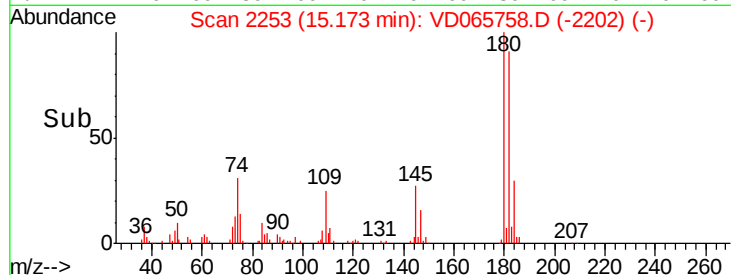
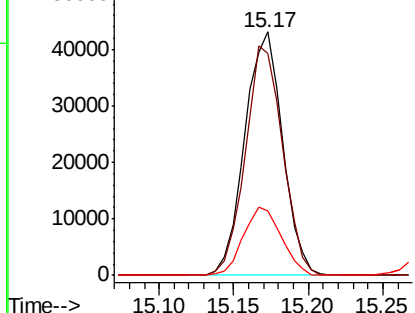


Abundance

Ion 179.80 (179.50 to 180.50): V

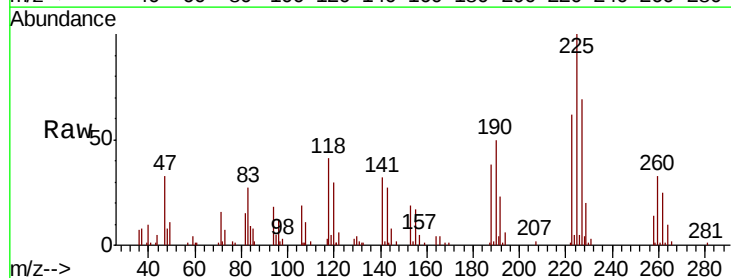
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.954 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD065758.D
 Acq: 26 May 2020 13:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.4	94.2
227	67.0	32.2	96.6

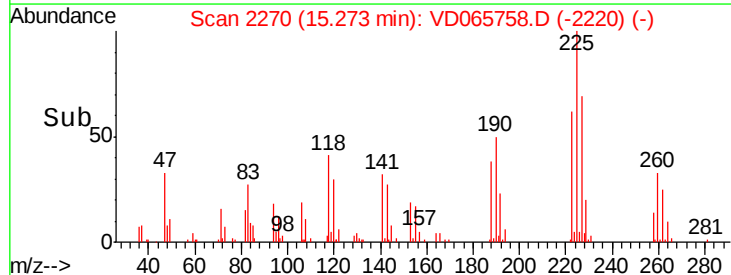
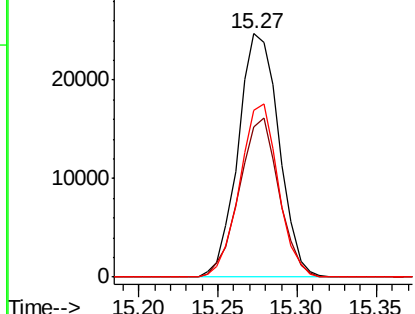


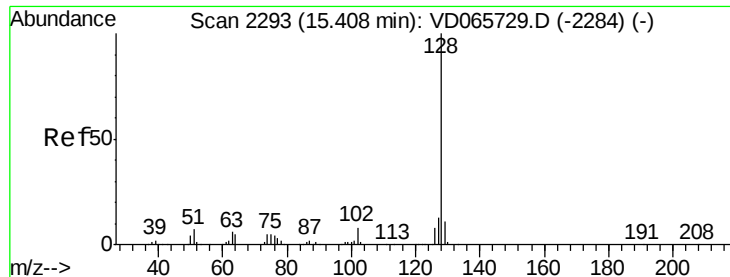
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.518 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

VD0526SBSD01

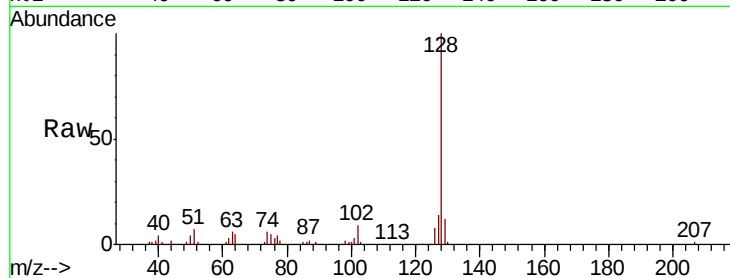
Tot Ion:128 Resp: 120168

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

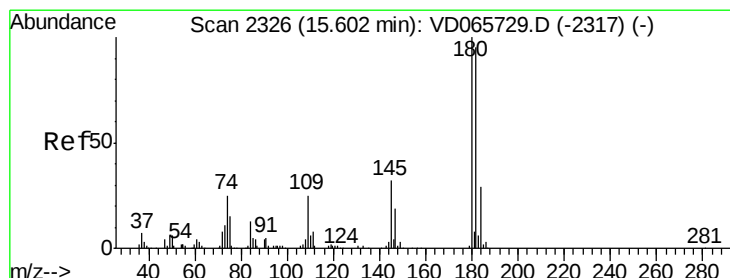
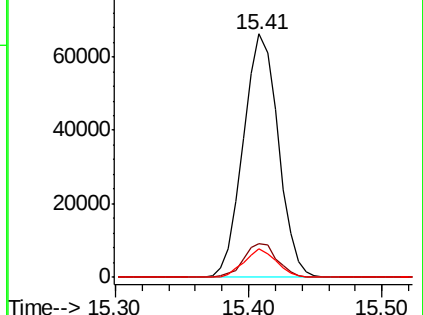
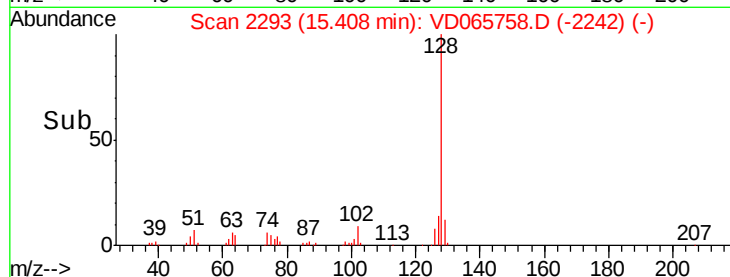
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.514 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD065758.D

Acq: 26 May 2020 13:28

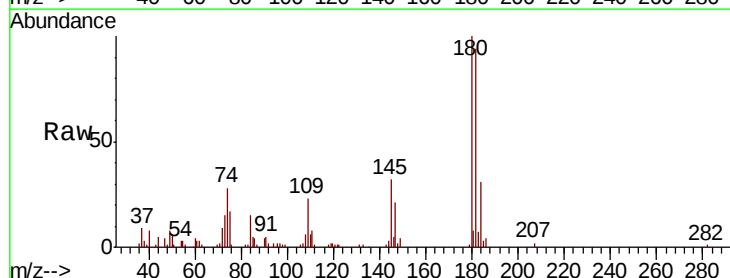
Tgt Ion:180 Resp: 64741

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.6

145 31.2 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

