

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067167.D
 Acq On : 07 Oct 2020 23:18
 Operator : VA/SY
 Sample : VD1007SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS02

Quant Time: Oct 08 07:27:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	342775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	549170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	506519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	167373	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	7.92	113	179542	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.34	98	655653	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.64	95	230996	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	70627	22.908	ug/l	94
3) Chloromethane	2.21	50	53793	19.706	ug/l	95
4) Vinyl Chloride	2.35	62	54051	19.747	ug/l	99
5) Bromomethane	2.76	94	42393	21.565	ug/l	99
6) Chloroethane	2.92	64	34603	20.759	ug/l	89
7) Trichlorofluoromethane	3.27	101	122193	20.093	ug/l	100
8) Diethyl Ether	3.70	74	29545	19.592	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	66201	19.260	ug/l	97
10) Methyl Iodide	4.30	142	65126	19.500	ug/l	98
11) Tert butyl alcohol	5.20	59	23296	89.130	ug/l #	72
12) 1,1-Dichloroethene	4.06	96	61286	18.967	ug/l	91
13) Acrolein	3.91	56	16341	73.917	ug/l	97
14) Allyl chloride	4.71	41	74713	17.799	ug/l	92
15) Acrylonitrile	5.43	53	52495	94.582	ug/l	96
16) Acetone	4.16	43	45630	90.537	ug/l	93
17) Carbon Disulfide	4.40	76	186851	18.842	ug/l	99
18) Methyl Acetate	4.72	43	24941	19.690	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	120781	20.476	ug/l	99
20) Methylene Chloride	4.97	84	90824	21.205	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	75424	20.511	ug/l	97
22) Diisopropyl ether	6.36	45	148402	19.365	ug/l	95
23) Vinyl Acetate	6.31	43	384347	88.506	ug/l	96
24) 1,1-Dichloroethane	6.26	63	117803	19.918	ug/l	96
25) 2-Butanone	7.21	43	63120	88.336	ug/l	99
26) 2,2-Dichloropropane	7.21	77	100282	17.116	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	83234	21.193	ug/l	95
28) Bromochloromethane	7.55	49	42147	18.453	ug/l	91
29) Tetrahydrofuran	7.56	42	36140	87.963	ug/l	93
30) Chloroform	7.71	83	133019	20.733	ug/l	96
31) Cyclohexane	7.99	56	85755	17.295	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	126353	21.251	ug/l	96
36) 1,1-Dichloropropene	8.11	75	99658	19.469	ug/l	98
37) Ethyl Acetate	7.29	43	31029	17.498	ug/l	98
38) Carbon Tetrachloride	8.09	117	116003	20.945	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	96840	17.894	ug/l	93
40) Benzene	8.35	78	281124	19.772	ug/l	99
41) Methacrylonitrile	7.53	41	19506	20.361	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	81858	20.604	ug/l	98
43) Isopropyl Acetate	8.46	43	58615	17.942	ug/l	98
44) Trichloroethene	9.11	130	85768	20.202	ug/l	91
45) 1,2-Dichloropropane	9.38	63	64164	19.207	ug/l	98
46) Dibromomethane	9.47	93	38792	20.204	ug/l	96
47) Bromodichloromethane	9.66	83	106777	21.394	ug/l	95
48) Methyl methacrylate	9.45	41	27182	16.241	ug/l #	68
49) 1,4-Dioxane	9.46	88	7425	370.523	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	146185	89.838	ug/l	98
52) Toluene	10.40	92	187820	20.507	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	89848	20.142	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	107690	19.771	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	55160	20.663	ug/l	96
56) Ethyl methacrylate	10.66	69	55578	20.166	ug/l	97
57) 1,3-Dichloropropane	10.94	76	89067	20.575	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	149300	97.329	ug/l	95
59) 2-Hexanone	10.98	43	94928	87.406	ug/l	94
60) Dibromochloromethane	11.14	129	75778	21.298	ug/l	97
61) 1,2-Dibromoethane	11.24	107	53045	20.683	ug/l	95
64) Tetrachloroethene	10.87	164	75990	20.636	ug/l	96
65) Chlorobenzene	11.67	112	208652	20.712	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	80790	21.083	ug/l	98
67) Ethyl Benzene	11.74	91	355564	20.599	ug/l	100
68) m/p-Xylenes	11.86	106	280813	41.745	ug/l	100
69) o-Xylene	12.18	106	126446	21.020	ug/l	96
70) Styrene	12.20	104	224109	21.696	ug/l	99
71) Bromoform	12.36	173	43742	21.990	ug/l #	95
73) Isopropylbenzene	12.48	105	343394	20.190	ug/l	98
74) N-amyl acetate	12.29	43	52689	17.233	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	53404	18.636	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	73514	33.694	ug/l #	100
77) Bromobenzene	12.77	156	87958	21.417	ug/l	95
78) n-propylbenzene	12.82	91	407086	20.252	ug/l	100
79) 2-Chlorotoluene	12.91	91	240934	20.950	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	308746	21.485	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	16650	19.026	ug/l	99
82) 4-Chlorotoluene	13.01	91	256246	20.942	ug/l	100
83) tert-Butylbenzene	13.23	119	253941	20.985	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	304959	21.265	ug/l	100
85) sec-Butylbenzene	13.41	105	344383	20.209	ug/l	99
86) p-Isopropyltoluene	13.52	119	329683	20.867	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	172540	21.569	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	168639	21.084	ug/l	99
89) n-Butylbenzene	13.85	91	281118	19.469	ug/l	99
90) Hexachloroethane	14.12	117	55325	19.991	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	145548	20.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9324	20.185	ug/l	96

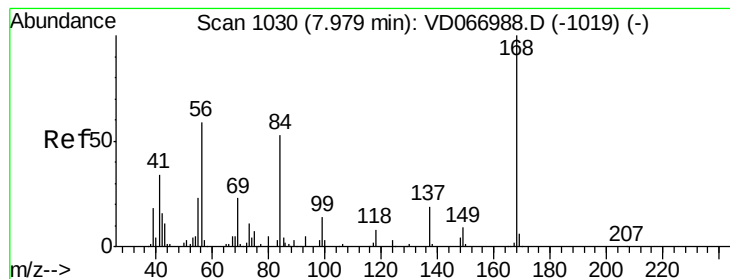
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	92600	20.492	ug/l	98
94) Hexachlorobutadiene	15.28	225	57244	20.627	ug/l	99
95) Naphthalene	15.41	128	146357	19.417	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	80672	20.565	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

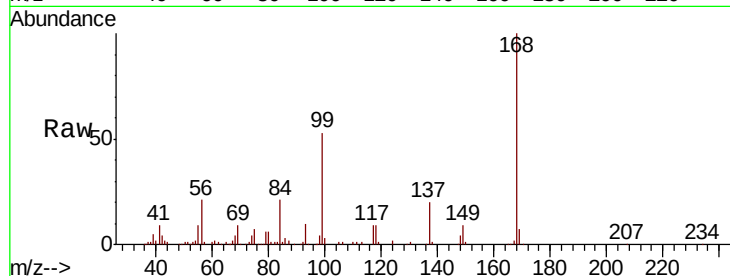
VD1007SBS02

Tot Ion:168 Resp: 342775

Ion Ratio Lower Upper

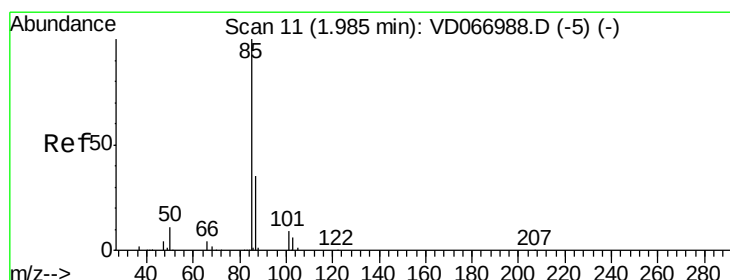
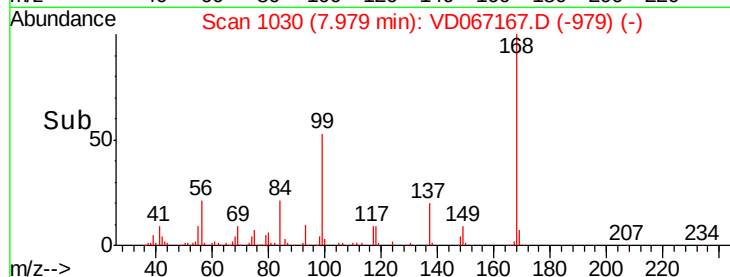
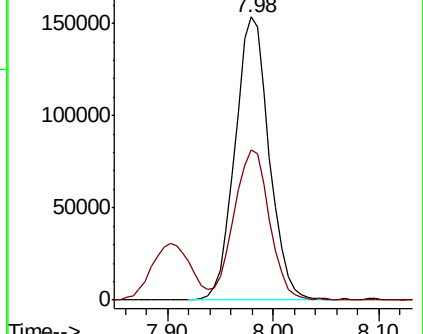
168 100

99 52.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.908 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067167.D

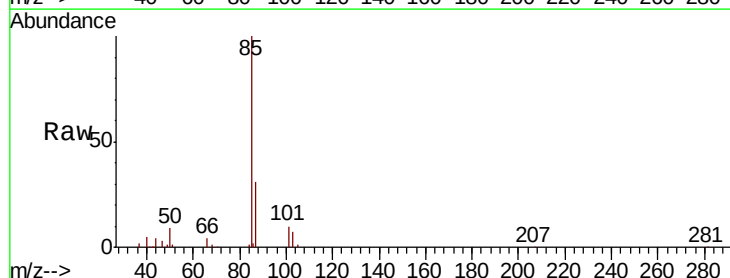
Acq: 07 Oct 2020 23:18

Tgt Ion: 85 Resp: 70627

Ion Ratio Lower Upper

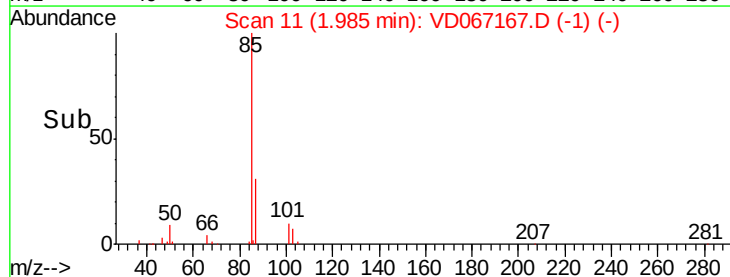
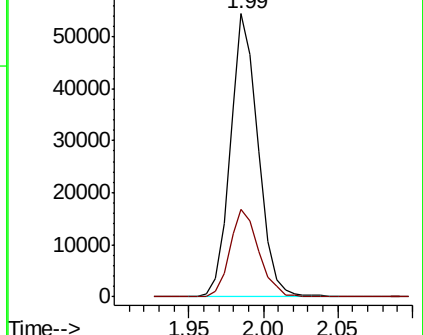
85 100

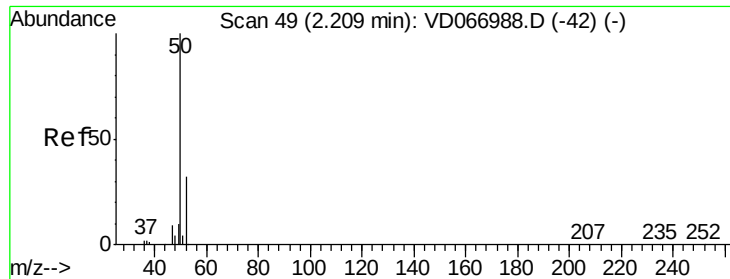
87 31.2 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.706 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

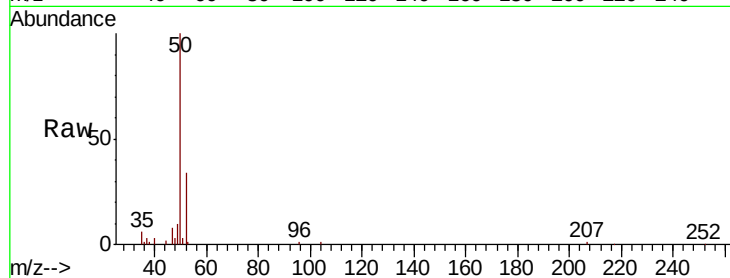
VD1007SBS02

Tot Ion: 50 Resp: 53793

Ion Ratio Lower Upper

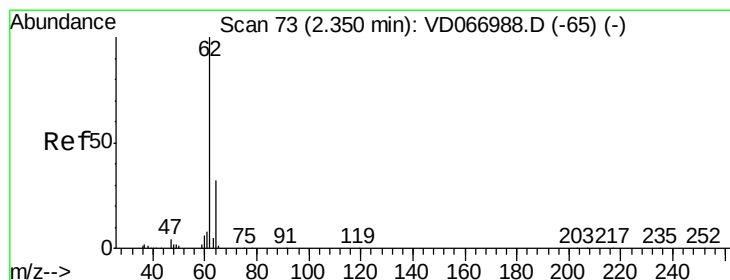
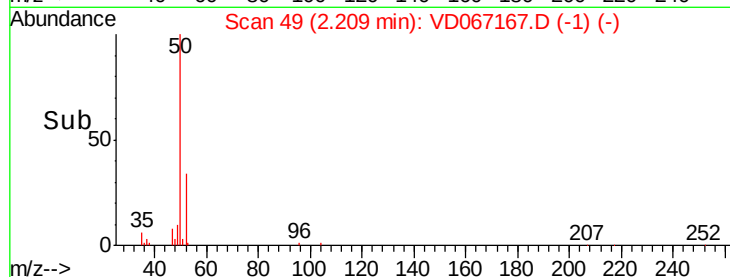
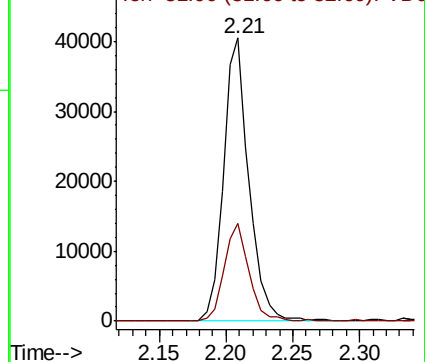
50 100

52 34.3 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.747 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067167.D

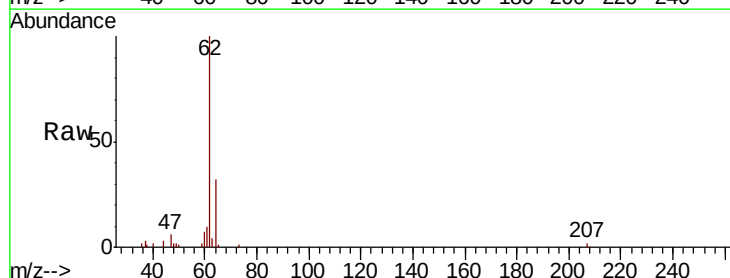
Acq: 07 Oct 2020 23:18

Tgt Ion: 62 Resp: 54051

Ion Ratio Lower Upper

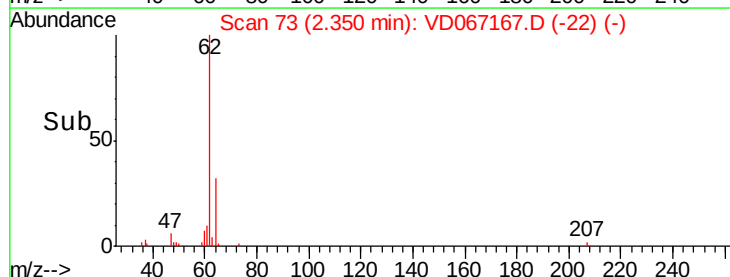
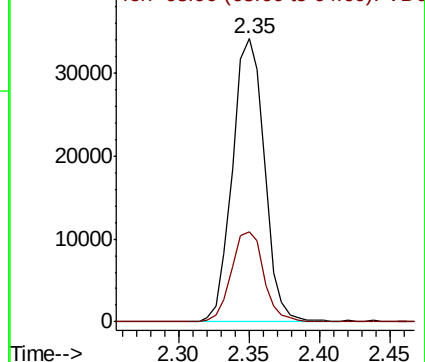
62 100

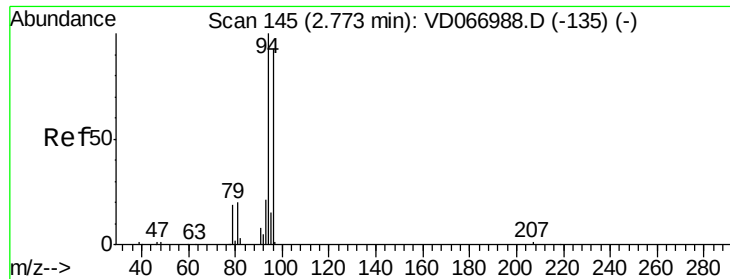
64 31.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.565 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

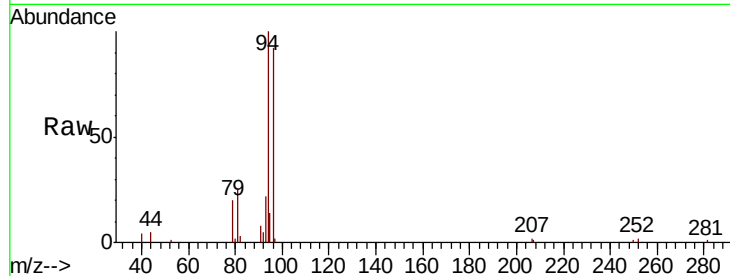
VD1007SBS02

Tot Ion: 94 Resp: 42393

Ion Ratio Lower Upper

94 100

96 92.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

20000

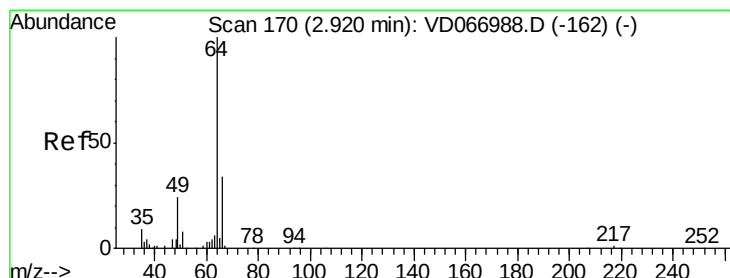
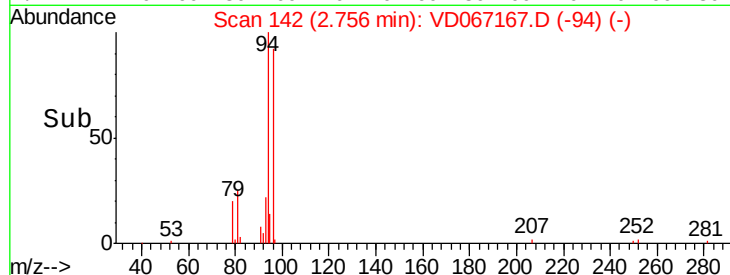
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.759 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067167.D

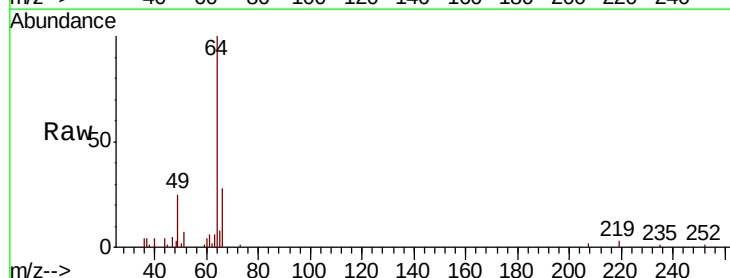
Acq: 07 Oct 2020 23:18

Tgt Ion: 64 Resp: 34603

Ion Ratio Lower Upper

64 100

66 27.5 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

20000

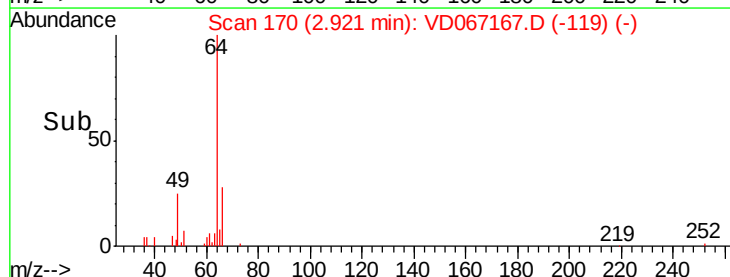
15000

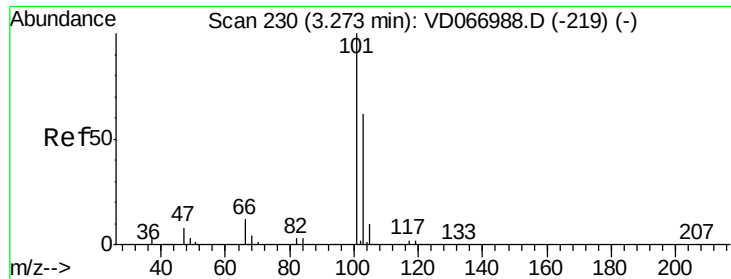
10000

5000

0

Time-->



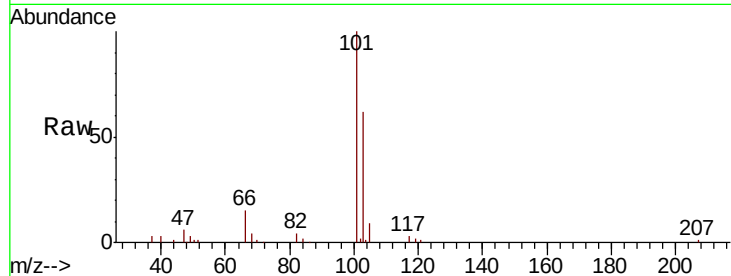


#7

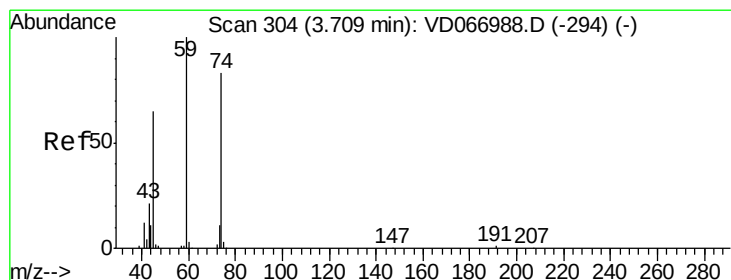
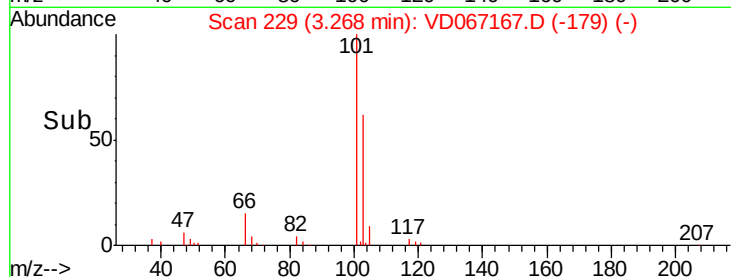
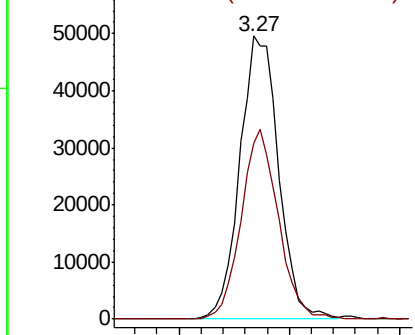
Trichlorofluoromethane
Concen: 20.093 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

Tot Ion:101 Resp: 122193
Ion Ratio Lower Upper
101 100
103 62.0 49.8 74.8



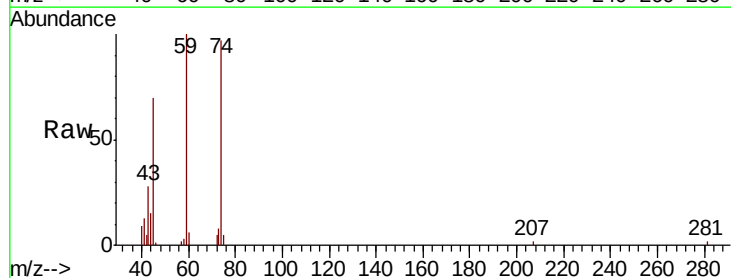
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



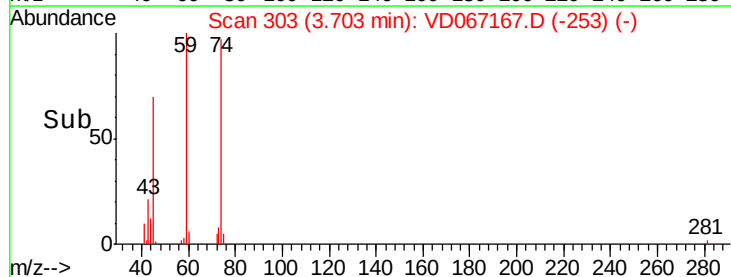
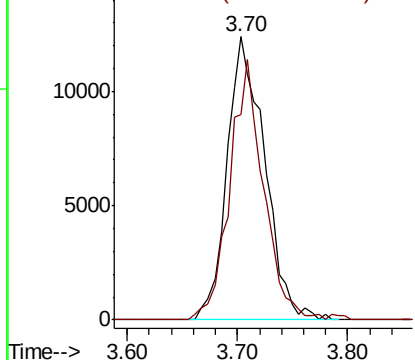
#8

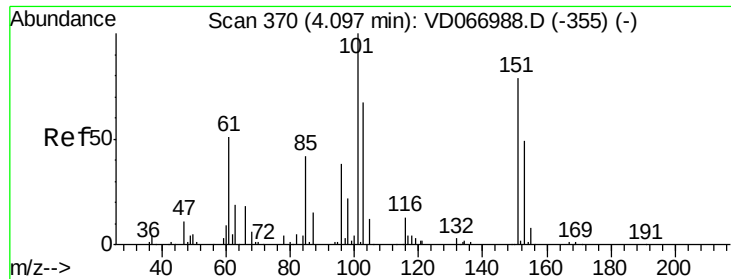
Diethyl Ether
Concen: 19.592 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion: 74 Resp: 29545
Ion Ratio Lower Upper
74 100
45 82.2 43.1 129.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.260 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

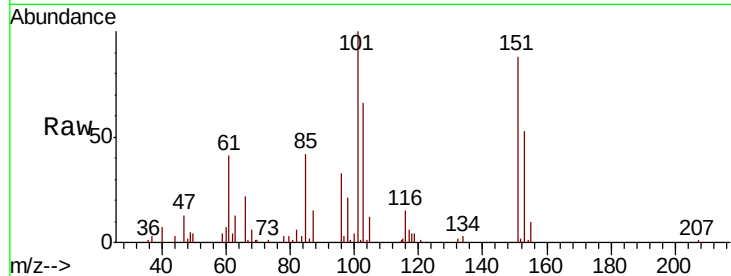
Tot Ion:101 Resp: 66201

Ion Ratio Lower Upper

101 100

85 42.5 33.8 50.8

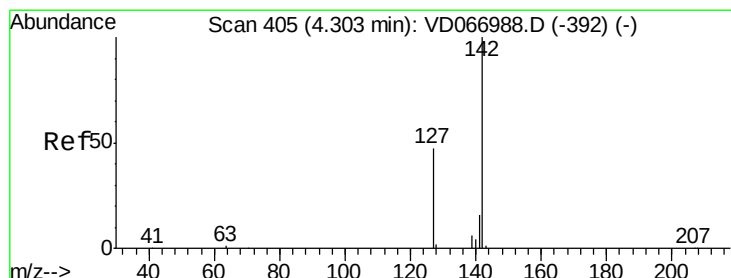
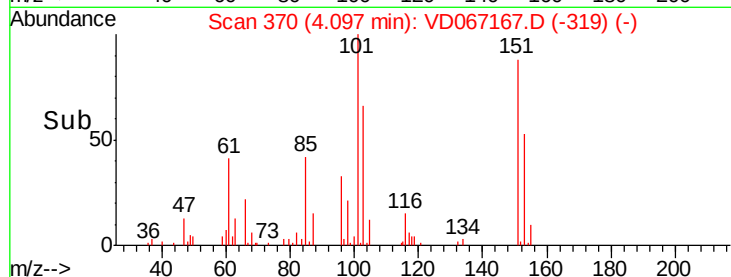
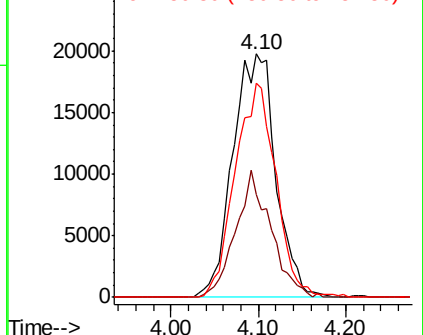
151 83.3 63.8 95.8



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: 19.500 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

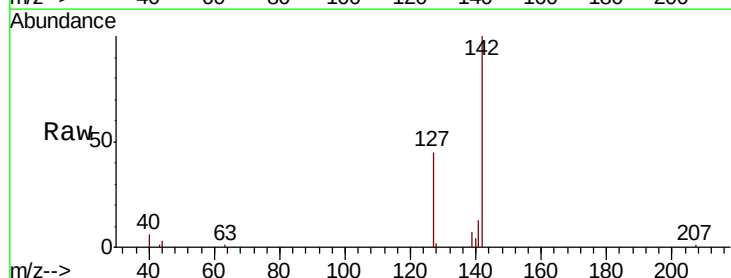
Tgt Ion:142 Resp: 65126

Ion Ratio Lower Upper

142 100

127 46.9 36.3 54.5

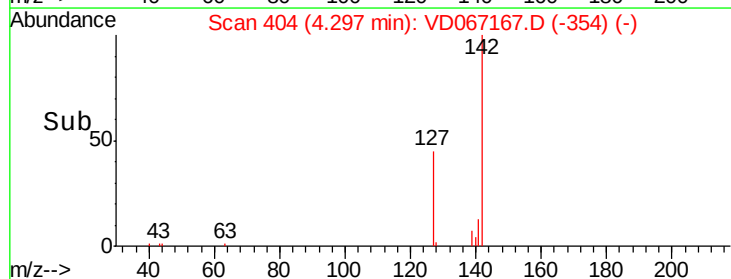
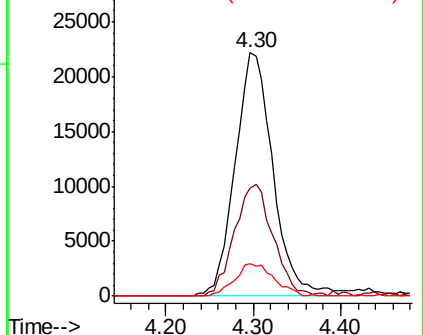
141 13.8 12.0 18.0

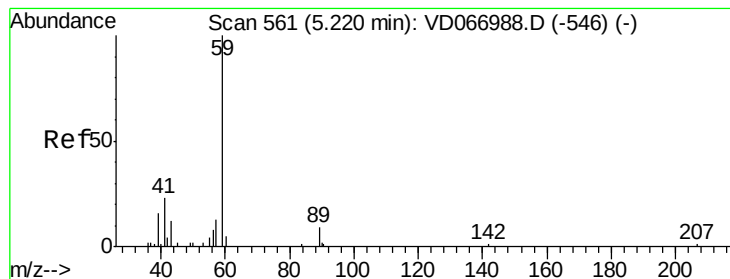


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.130 ug/l

RT: 5.20 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

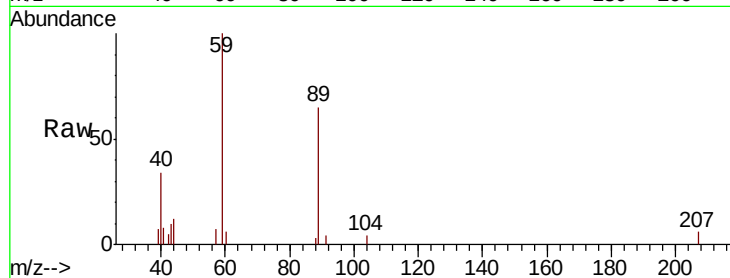
VD1007SBS02

Tot Ion: 59 Resp: 23296

Ion Ratio Lower Upper

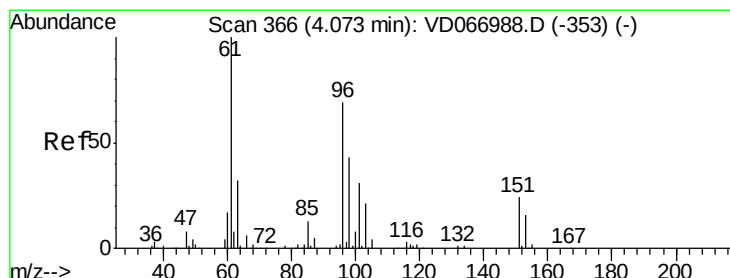
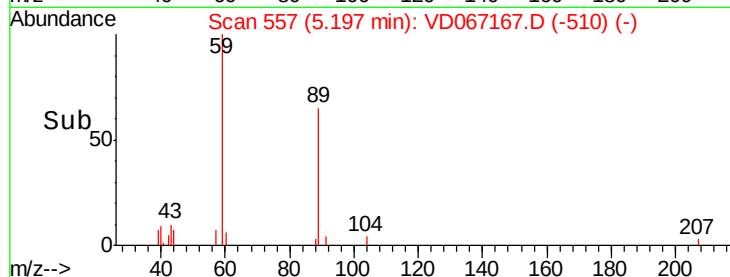
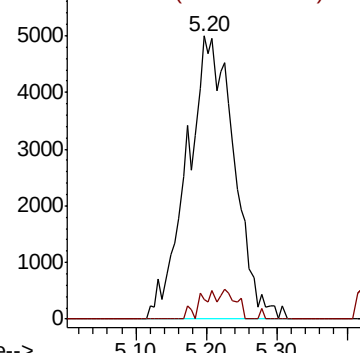
59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 18.967 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

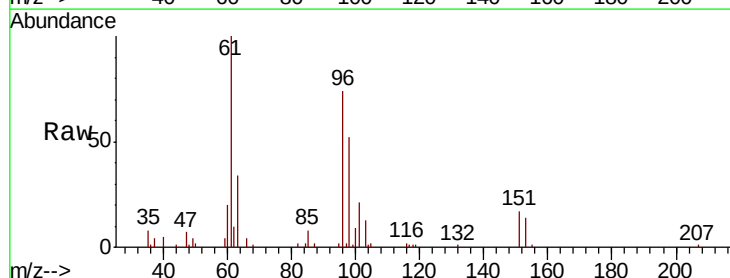
Tgt Ion: 96 Resp: 61286

Ion Ratio Lower Upper

96 100

61 134.9 116.4 174.6

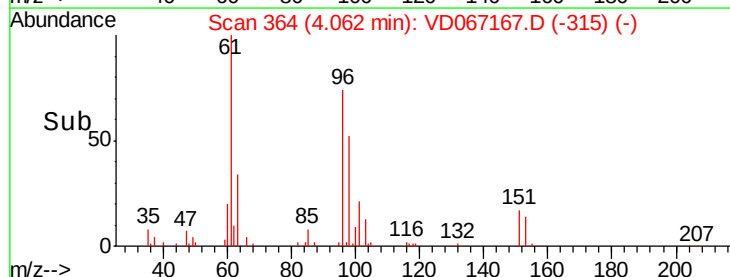
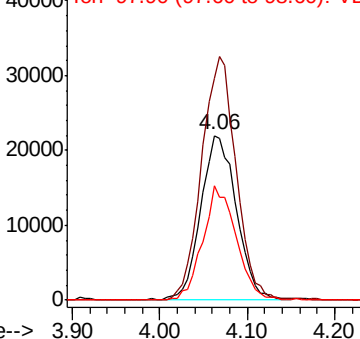
98 69.6 49.9 74.9

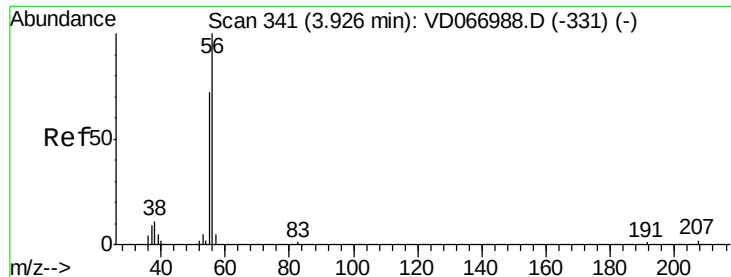


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 73.917 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

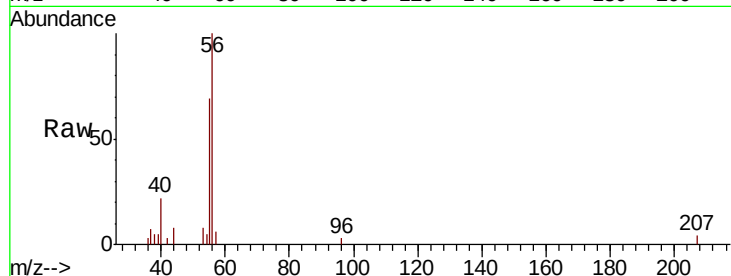
VD1007SBS02

Tot Ion: 56 Resp: 16341

Ion Ratio Lower Upper

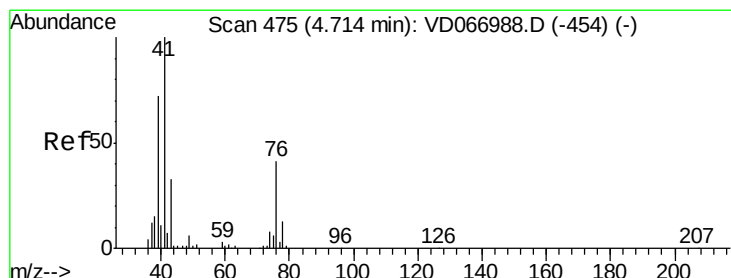
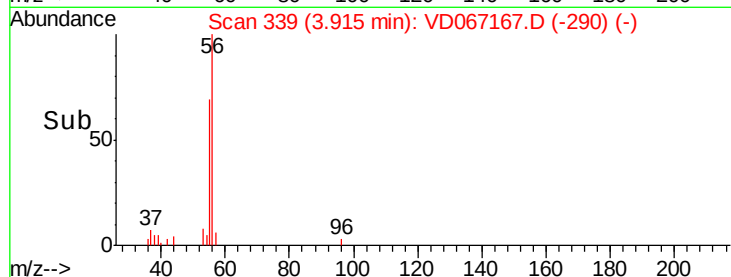
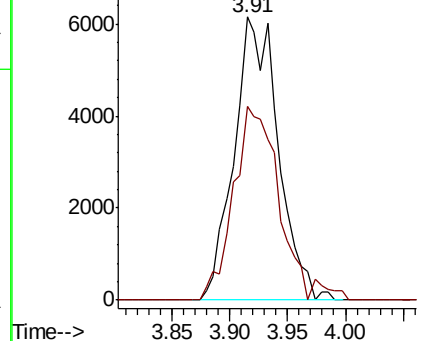
56 100

55 68.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 17.799 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

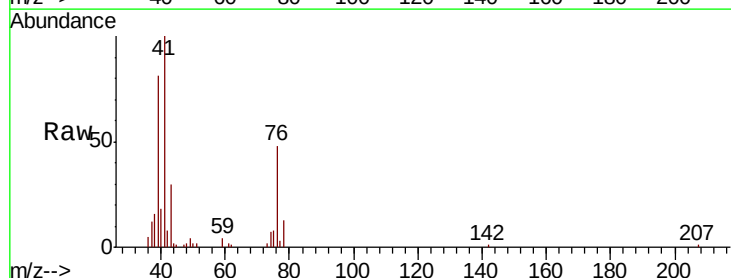
Tgt Ion: 41 Resp: 74713

Ion Ratio Lower Upper

41 100

39 77.8 56.2 84.2

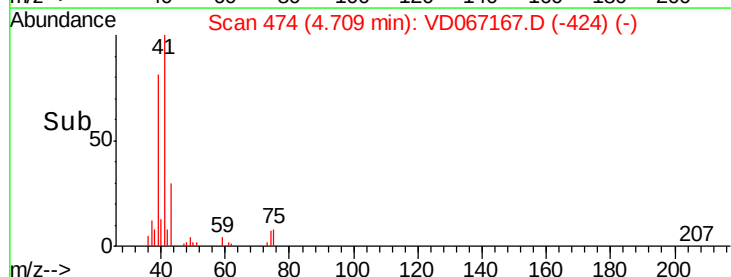
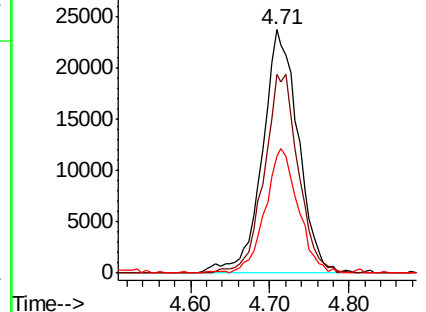
76 46.8 34.2 51.2

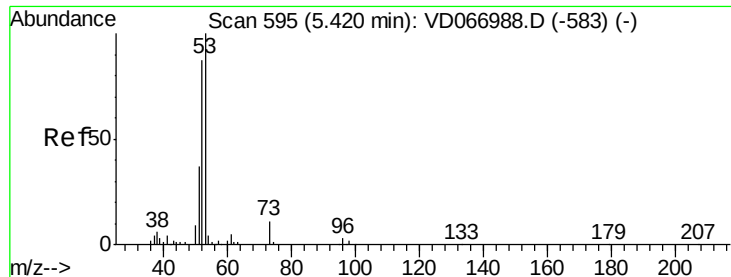


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 94.582 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

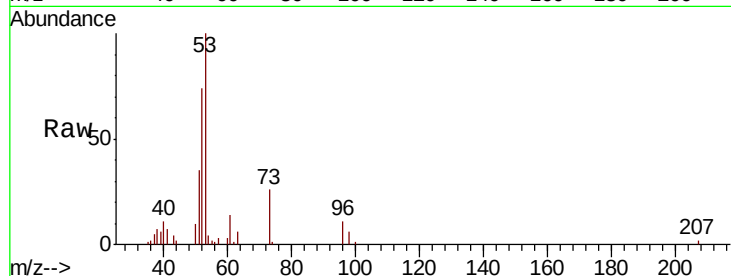
MSVOA_D

ClientSampleId :

VD1007SBS02

Tot Ion: 53 Resp: 52495

Ion	Ratio	Lower	Upper
53	100		
52	78.8	67.3	100.9
51	36.8	30.2	45.2

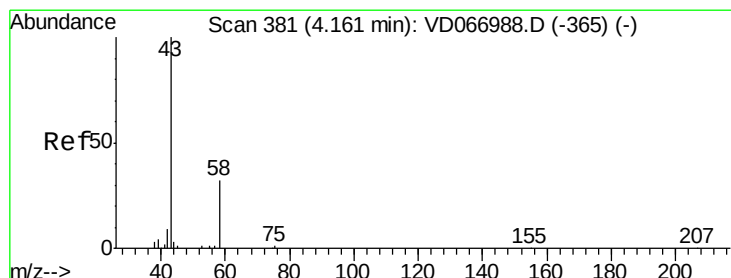
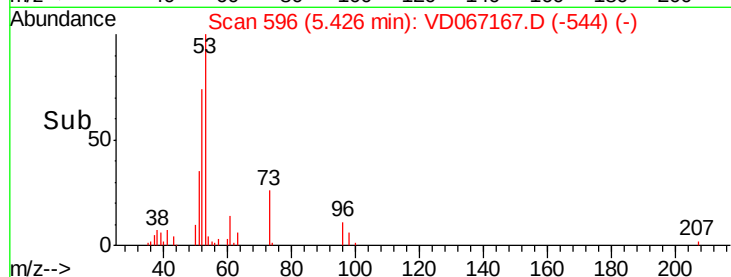
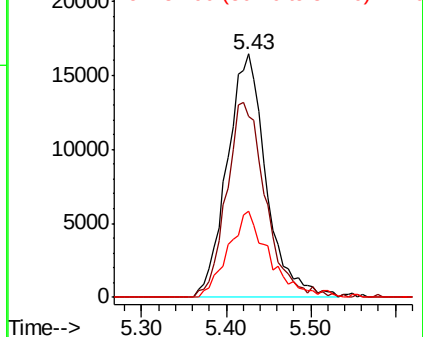


Abundance

Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 90.537 ug/l

RT: 4.16 min Scan# 380

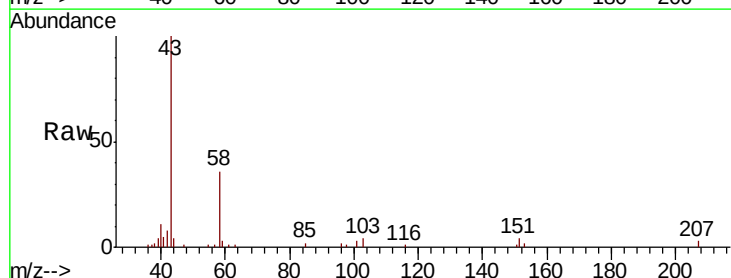
Delta R.T. -0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Tgt Ion: 43 Resp: 45630

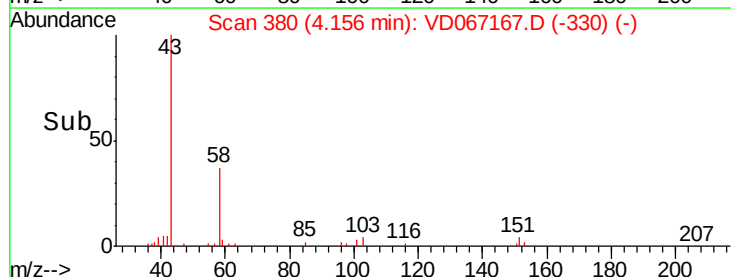
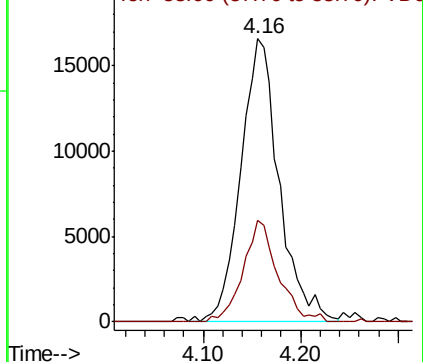
Ion	Ratio	Lower	Upper
43	100		
58	36.1	25.9	38.9

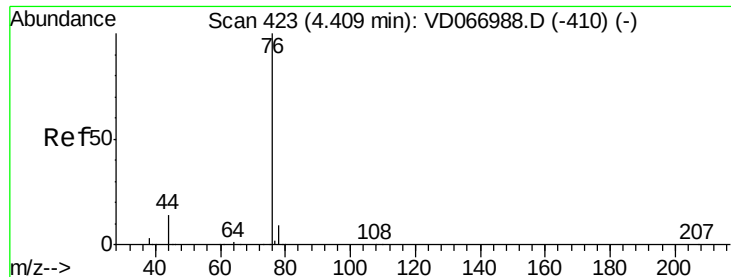


Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

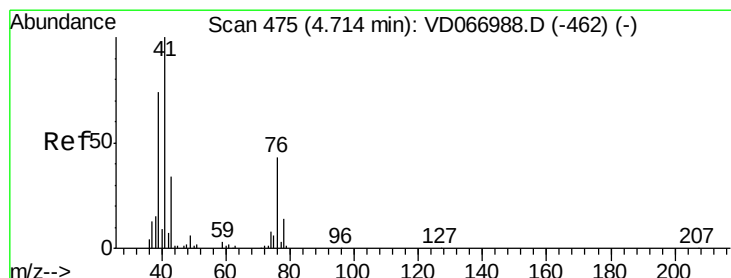
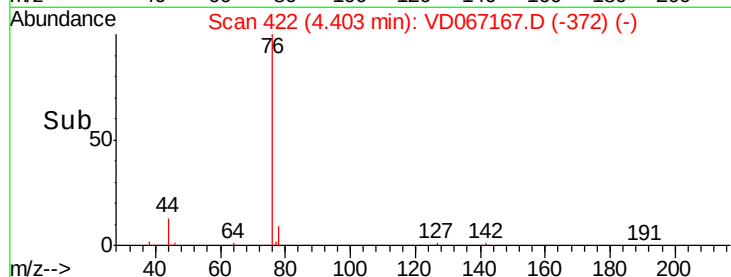
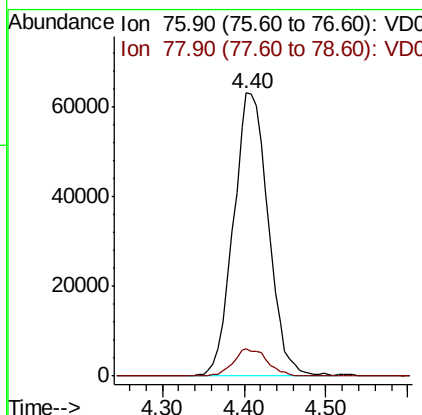
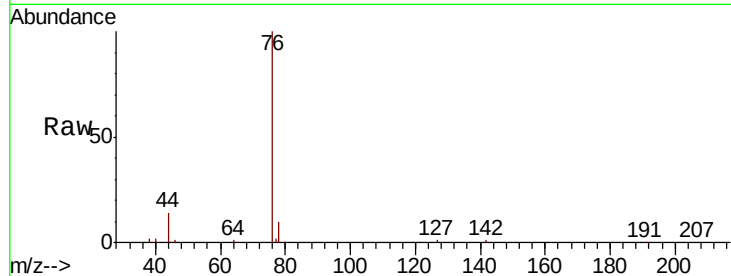




#17
Carbon Disulfide
Concen: 18.842 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

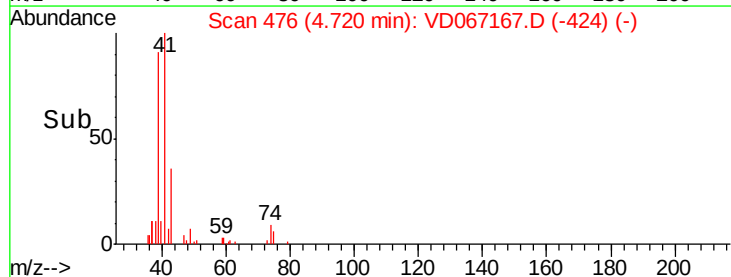
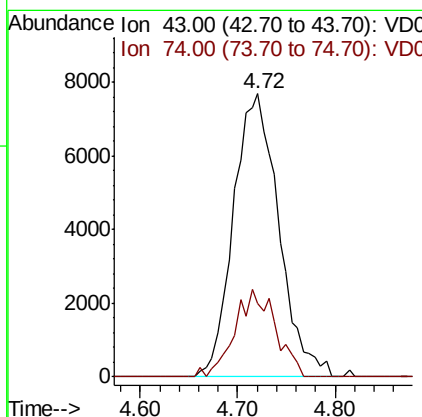
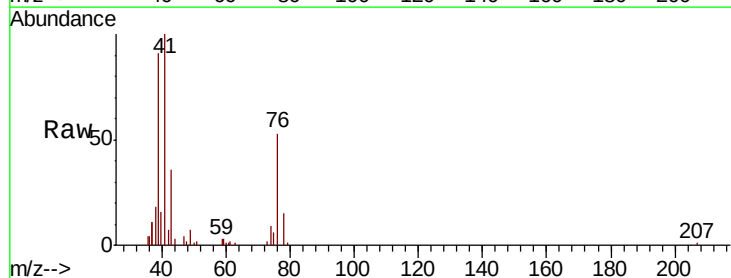
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

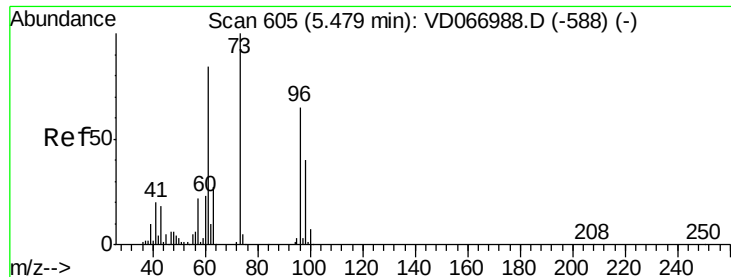
Tot Ion: 76 Resp: 186851
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 19.690 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion: 43 Resp: 24941
Ion Ratio Lower Upper
43 100
74 27.8 21.5 32.3

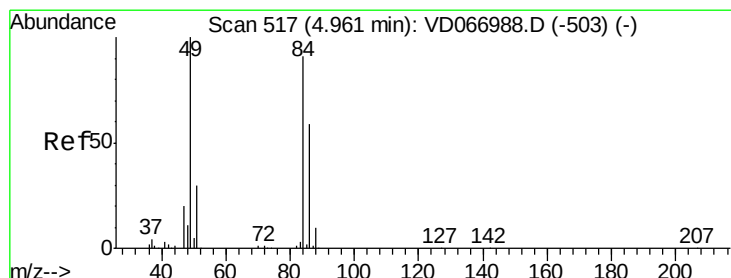
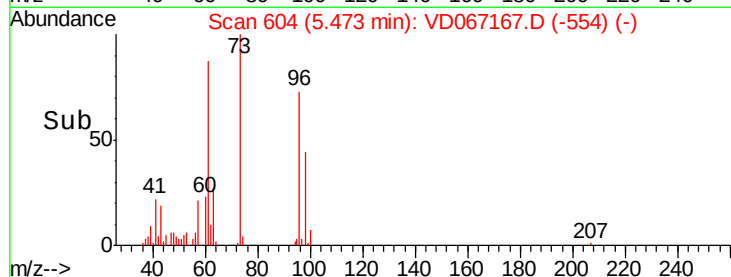
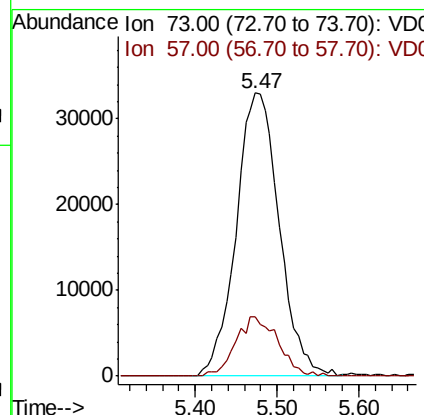
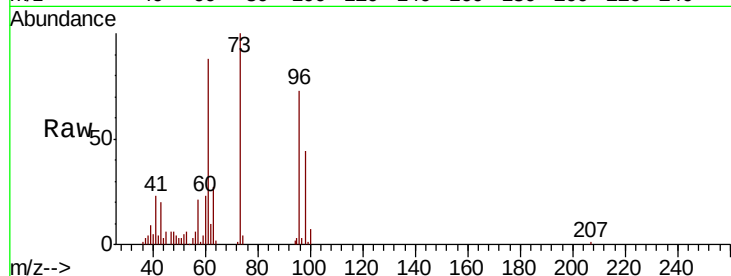




#19
Methyl tert-butyl Ether
Concen: 20.476 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

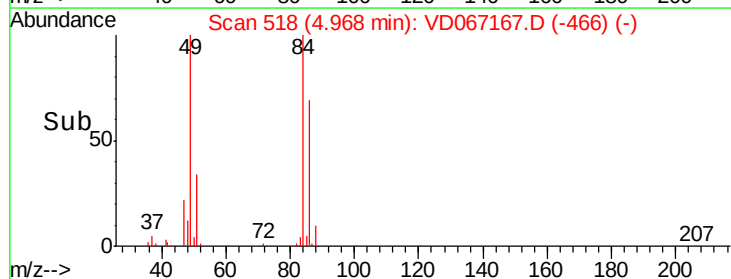
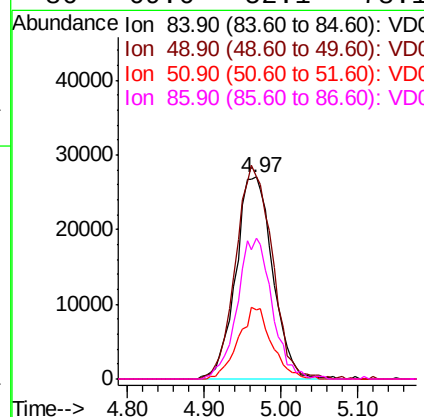
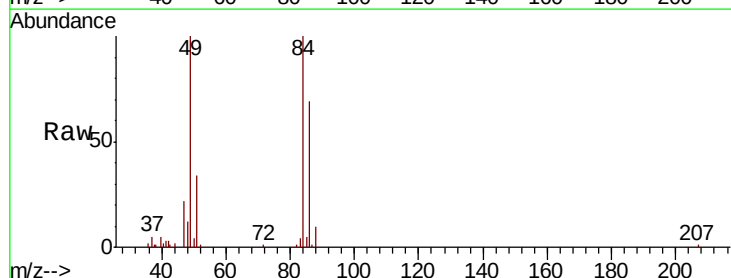
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

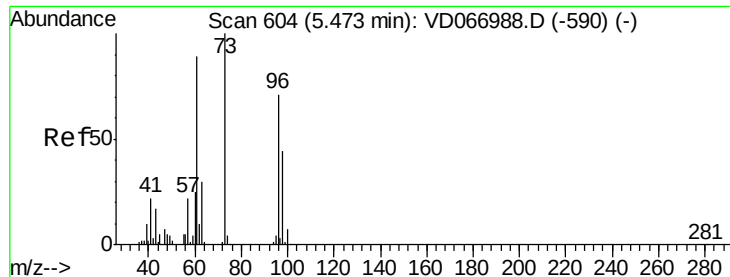
Tot Ion: 73 Resp: 120781
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 21.205 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion: 84 Resp: 90824
Ion Ratio Lower Upper
84 100
49 100.3 88.2 132.2
51 34.3 26.6 39.8
86 69.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.511 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

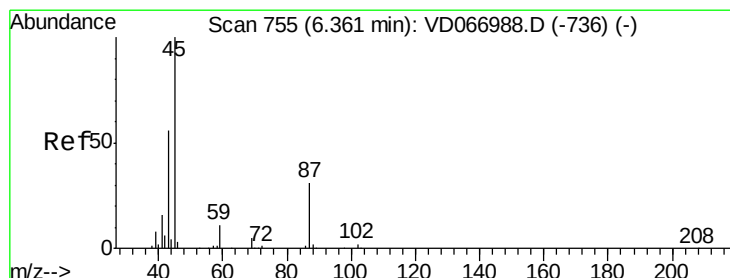
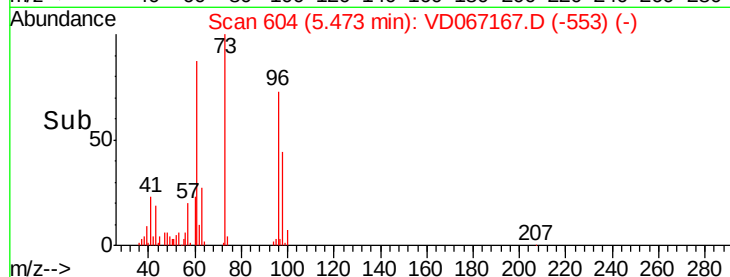
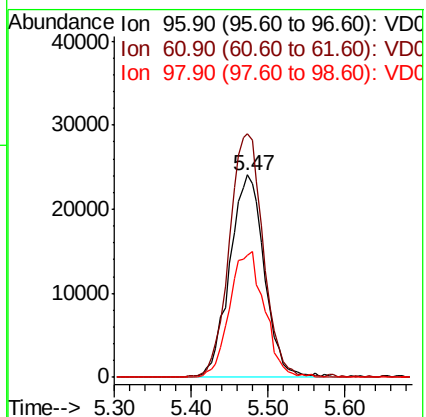
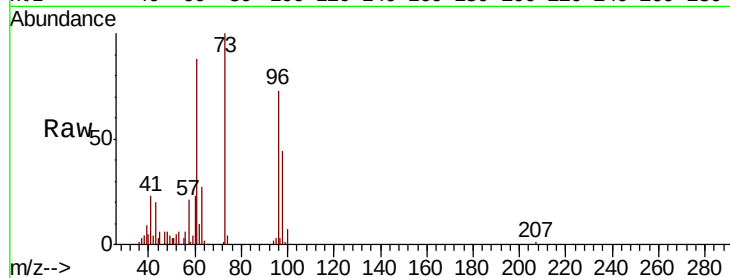
Tot Ion: 96 Resp: 75424

Ion Ratio Lower Upper

96 100

61 120.4 99.6 149.4

98 60.5 49.4 74.2



#22

Diisopropyl ether

Concen: 19.365 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Tgt Ion: 45 Resp: 148402

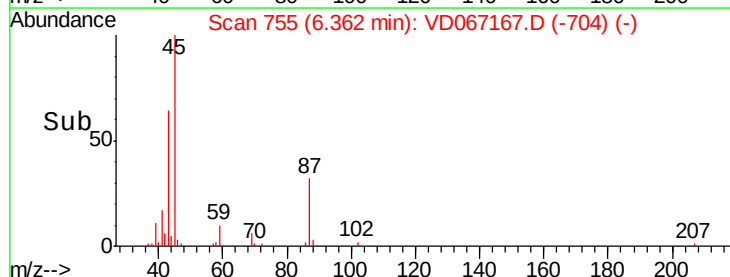
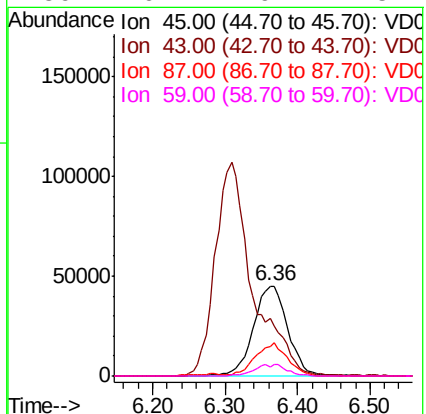
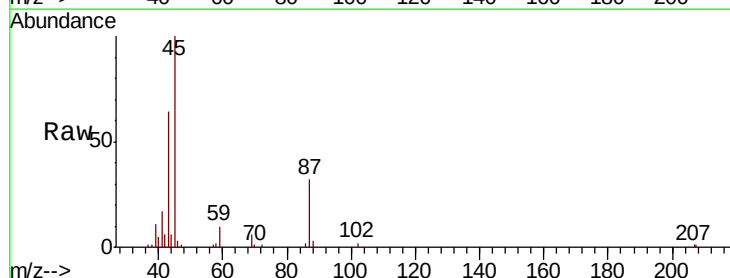
Ion Ratio Lower Upper

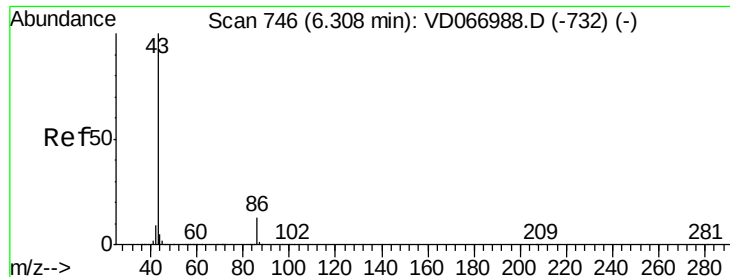
45 100

43 62.4 45.2 67.8

87 32.3 25.6 38.4

59 10.1 9.1 13.7





#23

Vinyl Acetate

Concen: 88.506 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

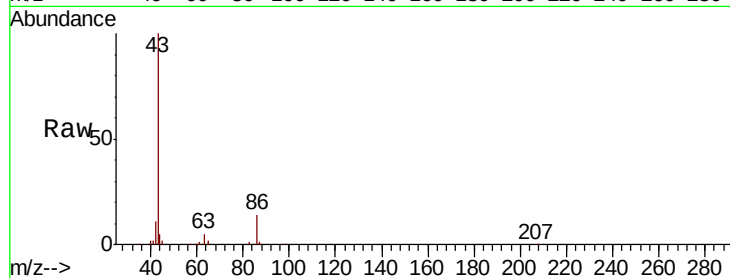
VD1007SBS02

Tot Ion: 43 Resp: 384347

Ion Ratio Lower Upper

43 100

86 14.4 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

120000

100000

80000

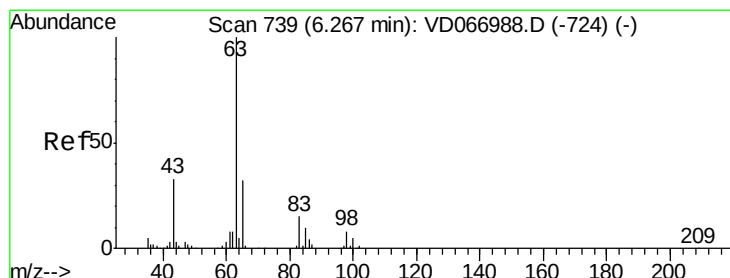
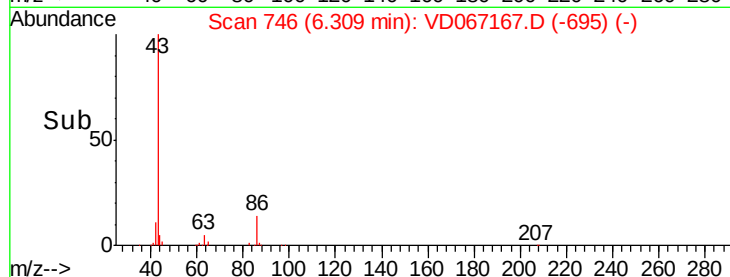
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.918 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

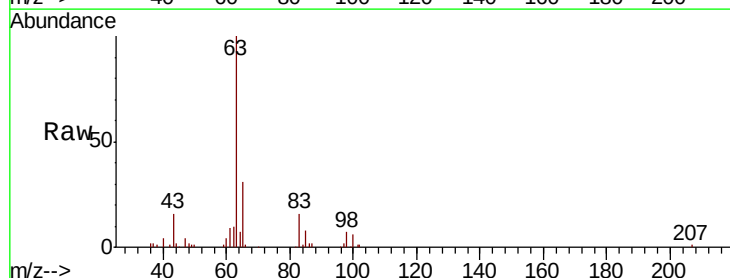
Tgt Ion: 63 Resp: 117803

Ion Ratio Lower Upper

63 100

98 6.6 4.2 12.6

100 6.0 2.6 7.8



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

6.26

50000

40000

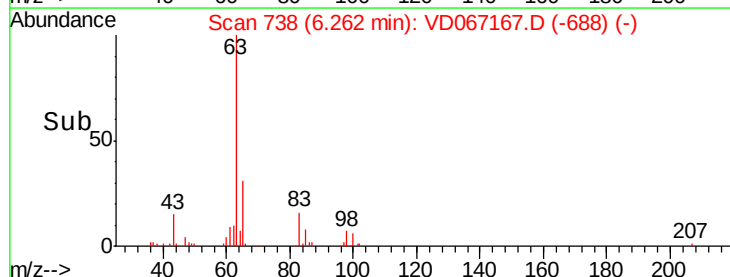
30000

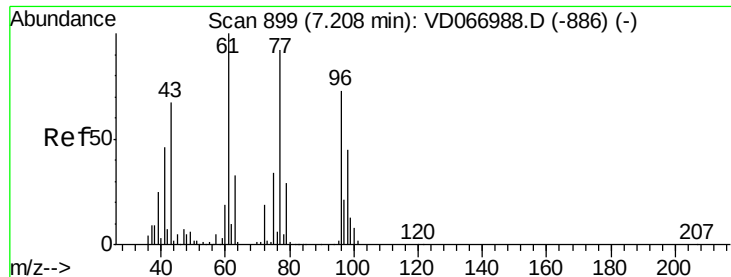
20000

10000

0

Time-->

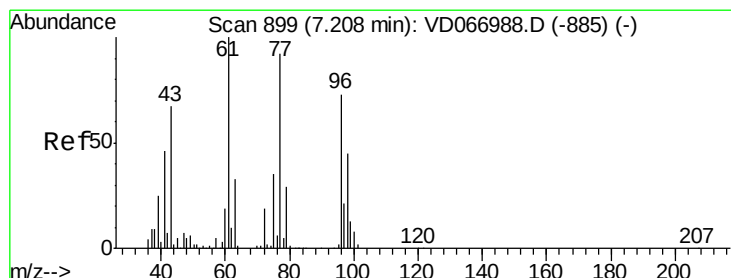
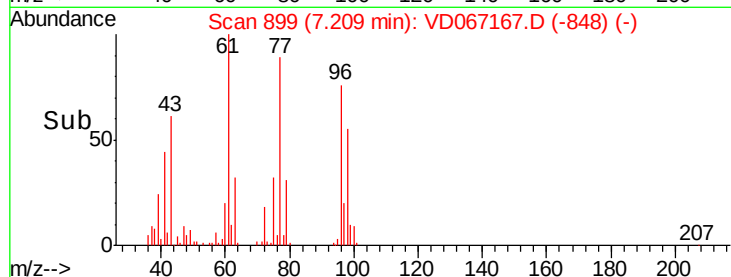
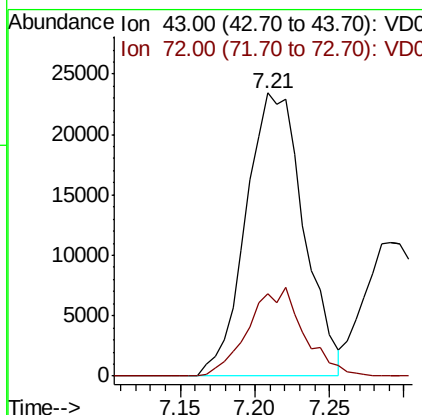
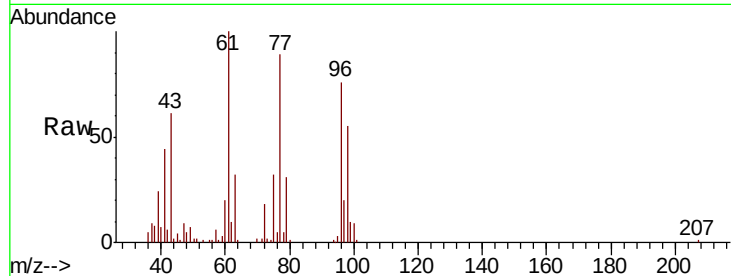




#25
2-Butanone
Concen: 88.336 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

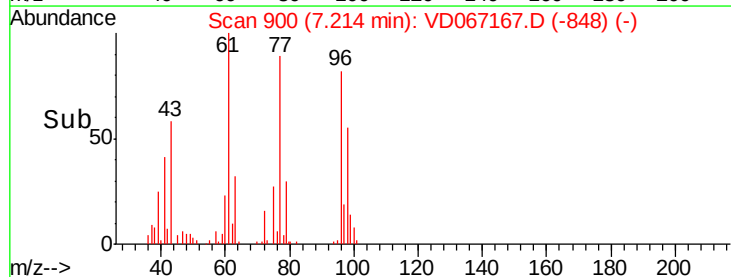
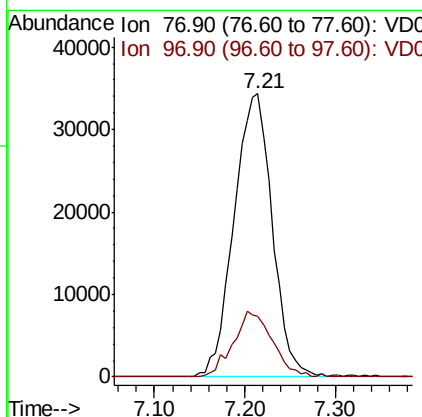
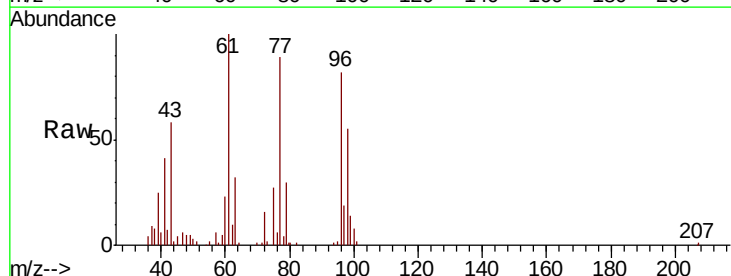
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

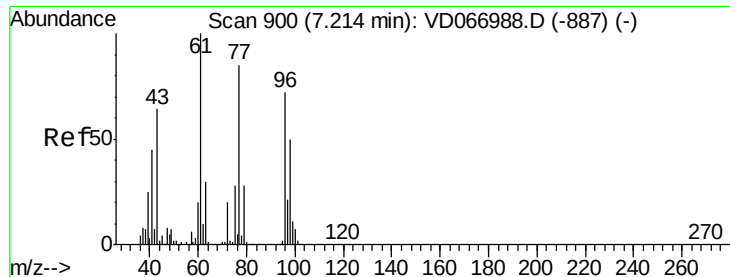
Tot Ion: 43 Resp: 63120
Ion Ratio Lower Upper
43 100
72 29.0 22.8 34.2



#26
2,2-Dichloropropane
Concen: 17.116 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion: 77 Resp: 100282
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.193 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

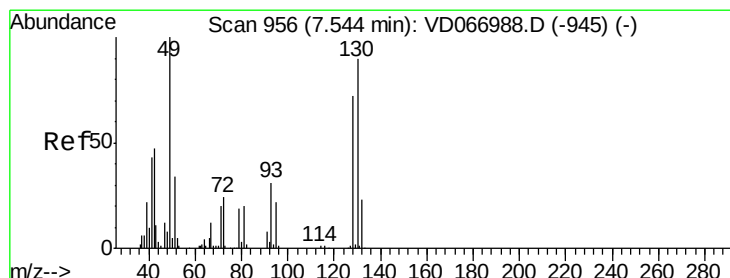
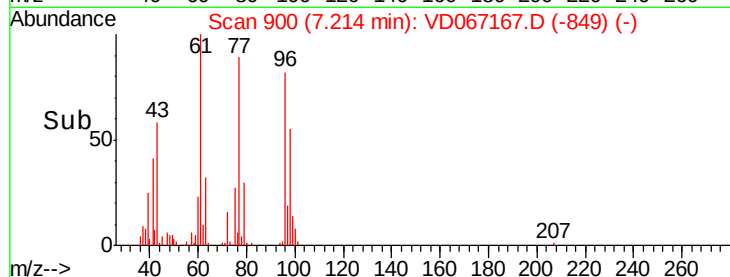
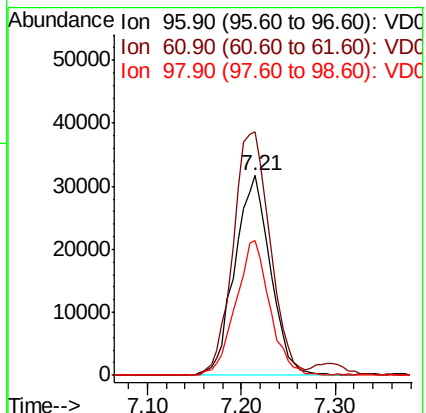
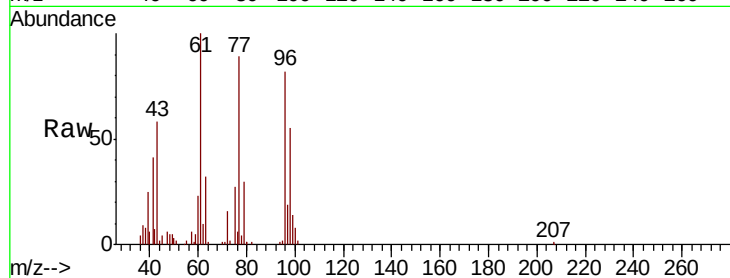
Tot Ion: 96 Resp: 83234

Ion Ratio Lower Upper

96 100

61 126.7 0.0 269.2

98 64.4 0.0 129.4



#28

Bromochloromethane

Concen: 18.453 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

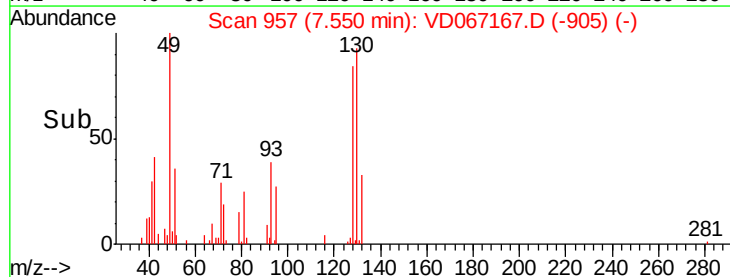
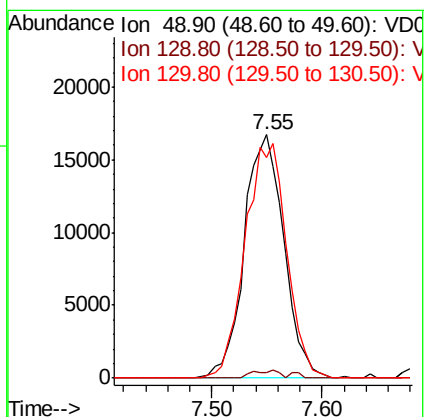
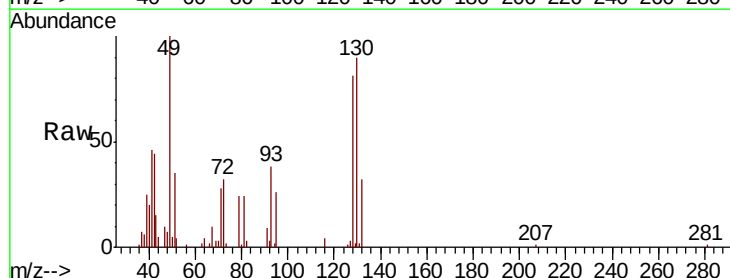
Tgt Ion: 49 Resp: 42147

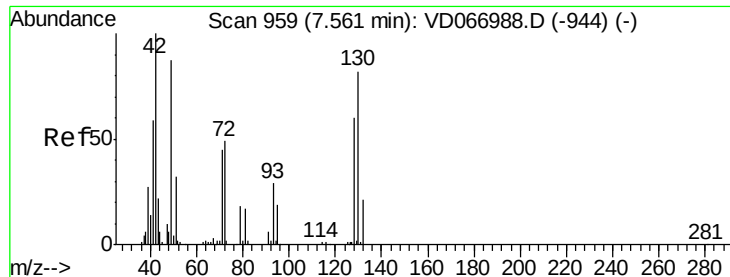
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.6

130 101.1 74.1 111.1





#29

Tetrahydrofuran

Concen: 87.963 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

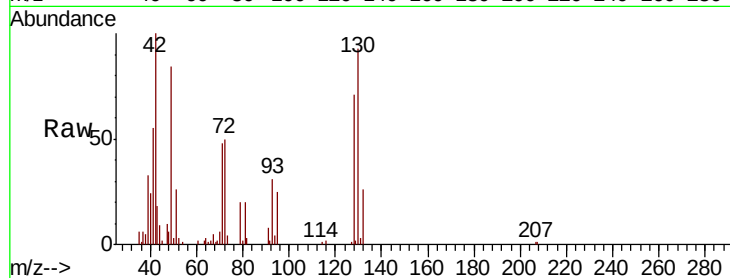
Tot Ion: 42 Resp: 36140

Ion Ratio Lower Upper

42 100

72 50.6 39.1 58.7

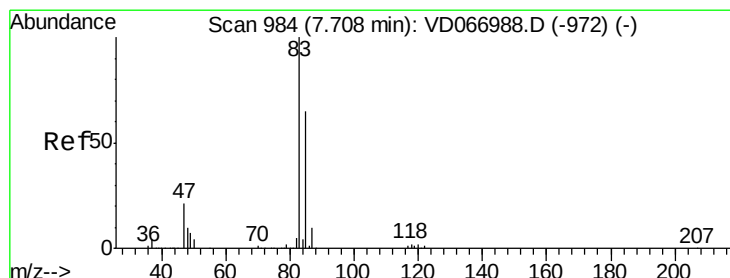
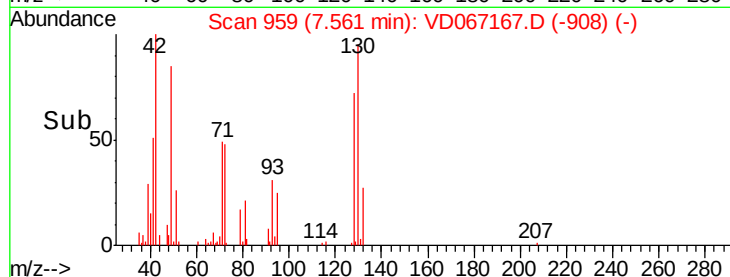
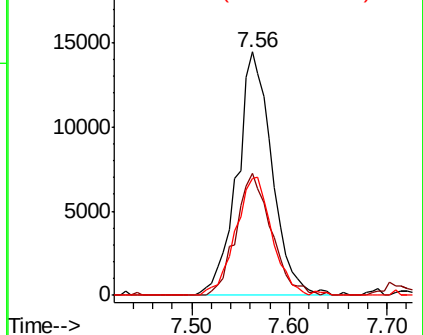
71 50.5 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 20.733 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067167.D

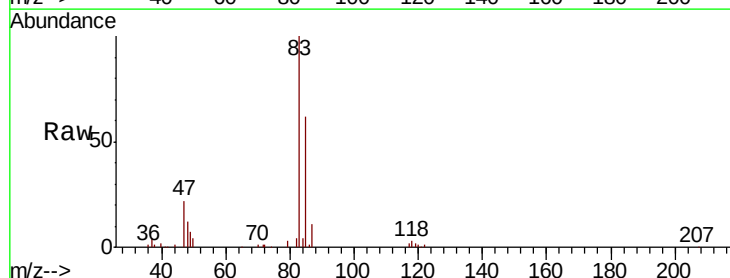
Acq: 07 Oct 2020 23:18

Tgt Ion: 83 Resp: 133019

Ion Ratio Lower Upper

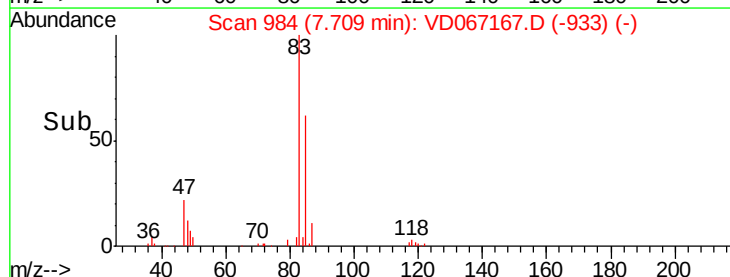
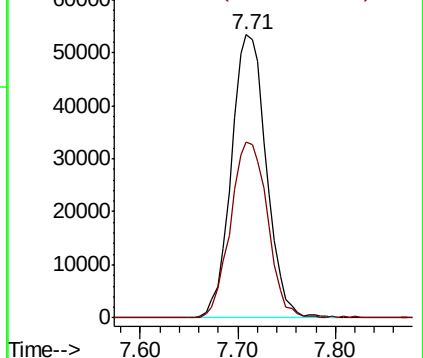
83 100

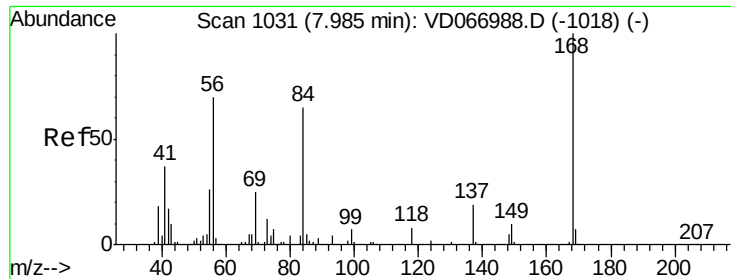
85 62.3 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

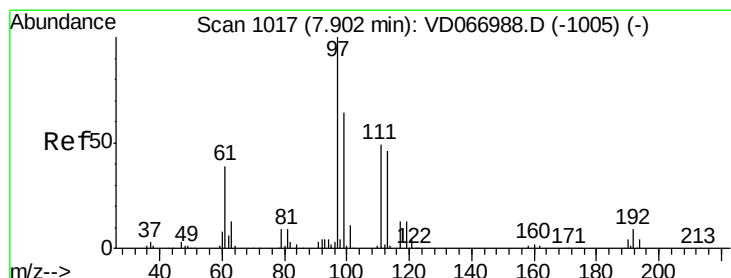
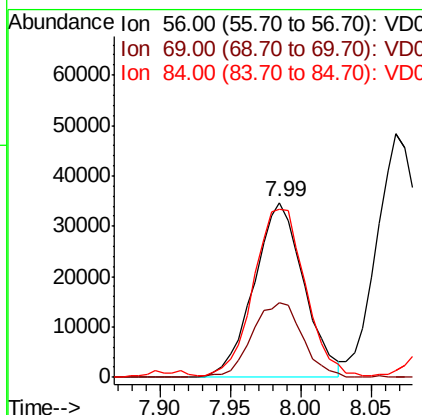
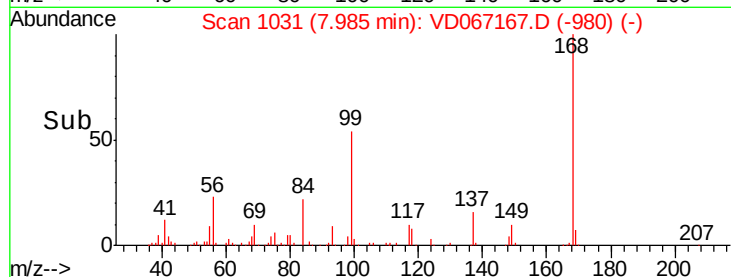
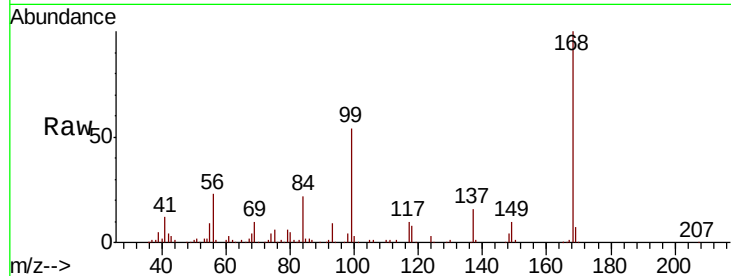




#31
Cyclohexane
Concen: 17.295 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

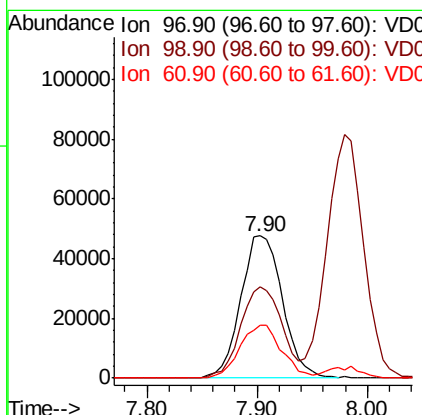
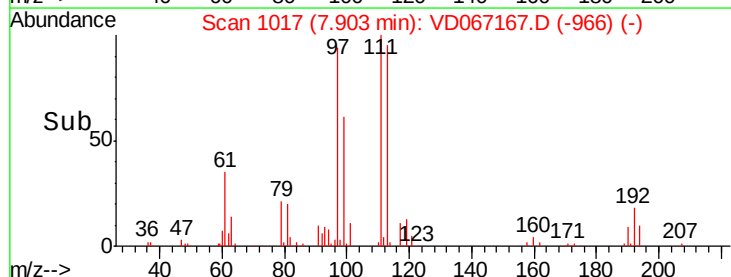
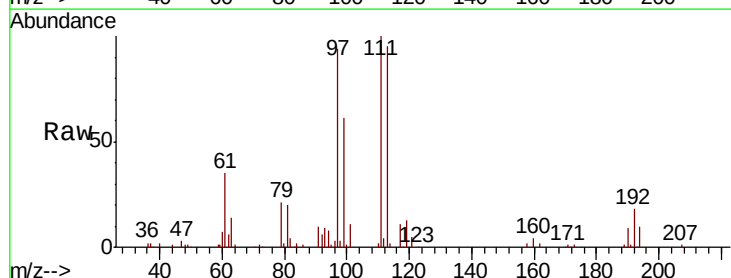
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

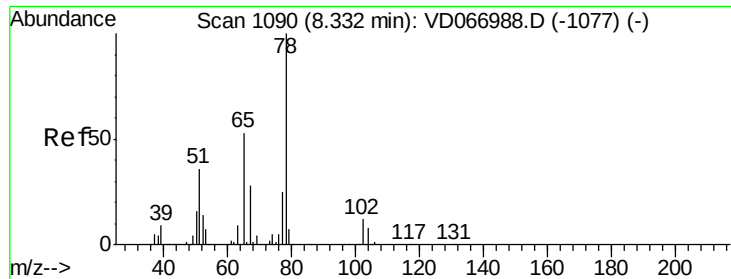
Tot Ion: 56 Resp: 85755
Ion Ratio Lower Upper
56 100
69 42.8 29.0 43.6
84 94.7 74.2 111.2



#32
1,1,1-Trichloroethane
Concen: 21.251 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion: 97 Resp: 126353
Ion Ratio Lower Upper
97 100
99 63.4 52.6 78.8
61 37.5 32.8 49.2

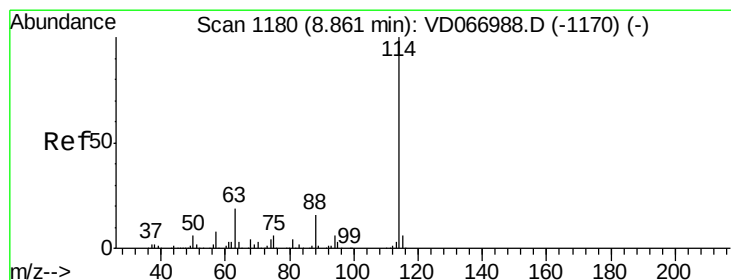
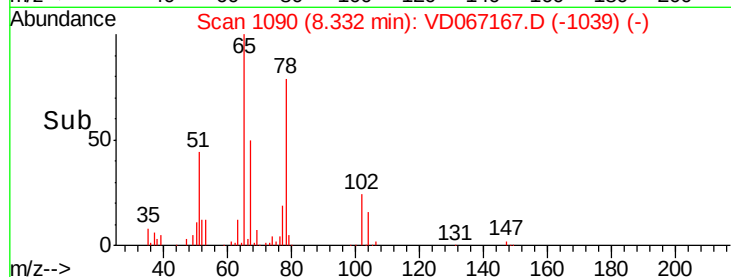
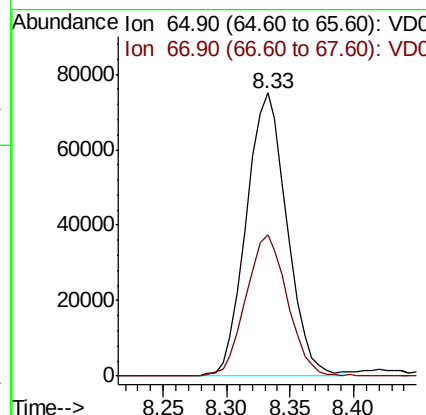
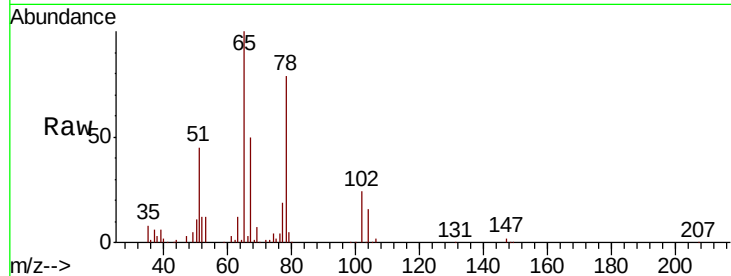




#33
 1,2-Dichloroethane-d4
 Concen: 50.695 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

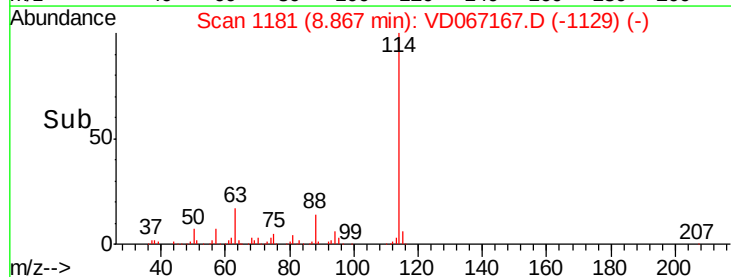
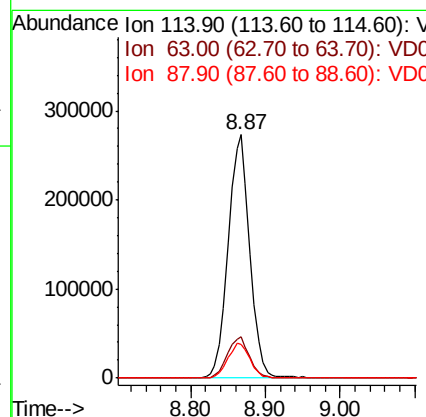
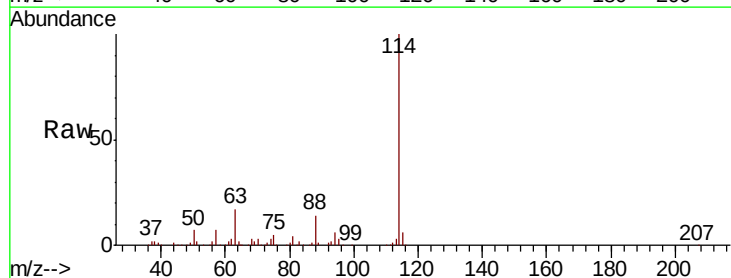
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS02

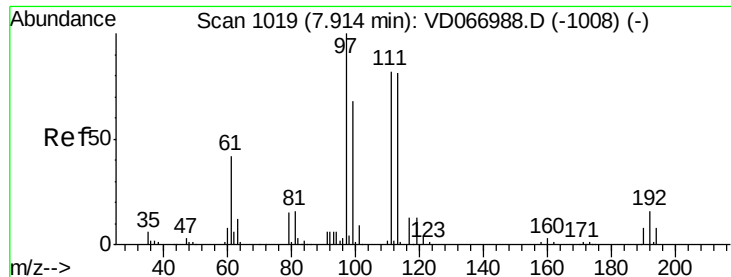
Tot Ion: 65 Resp: 167373
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

Tgt Ion: 114 Resp: 549170
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 38.4
 88 13.9 0.0 31.2

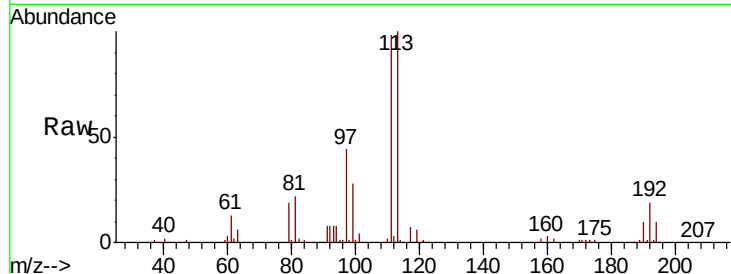




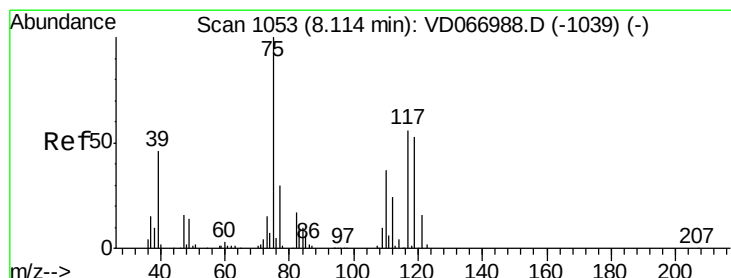
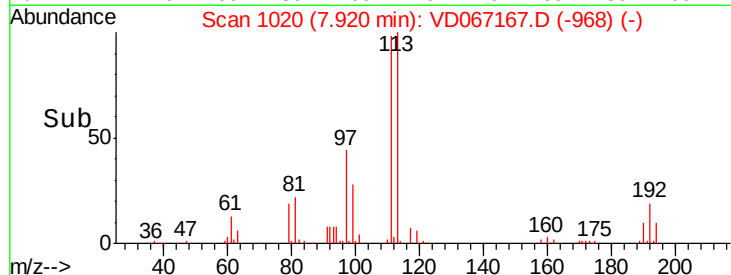
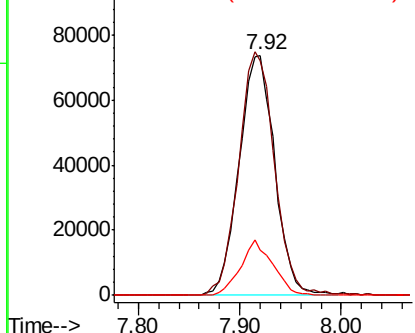
#35
Dibromofluoromethane
Concen: 49.938 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	20.8	15.5	23.3

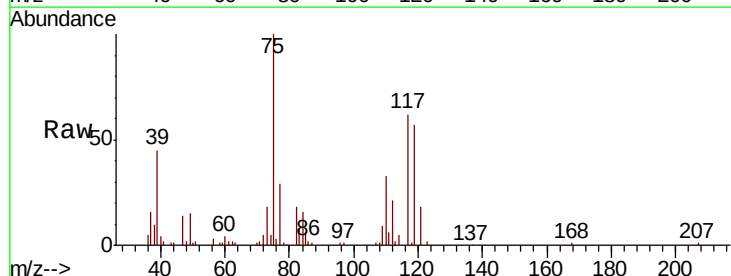


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

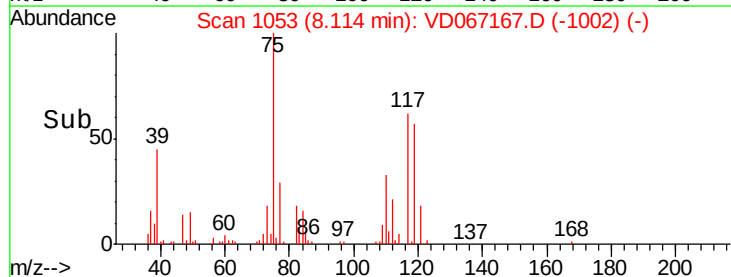
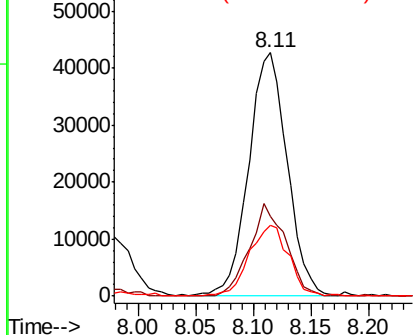


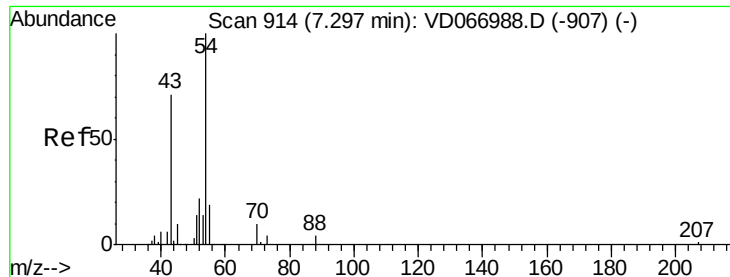
#36
1,1-Dichloropropene
Concen: 19.469 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.4	55.0
77	29.8	24.8	37.2



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

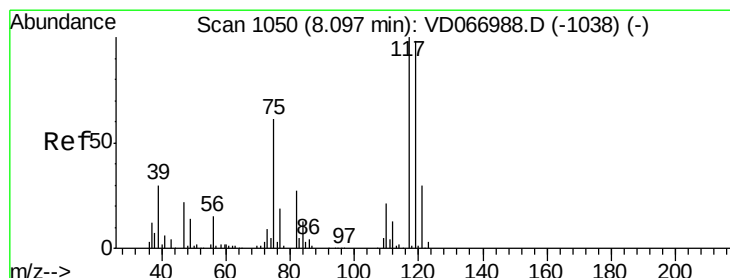
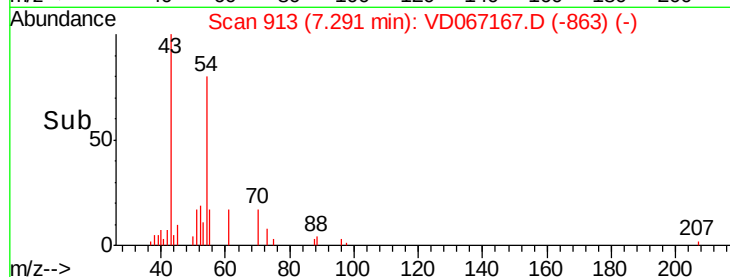
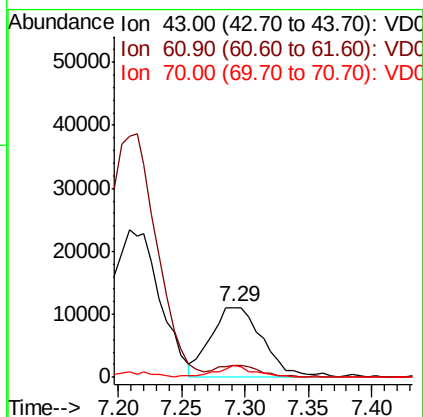
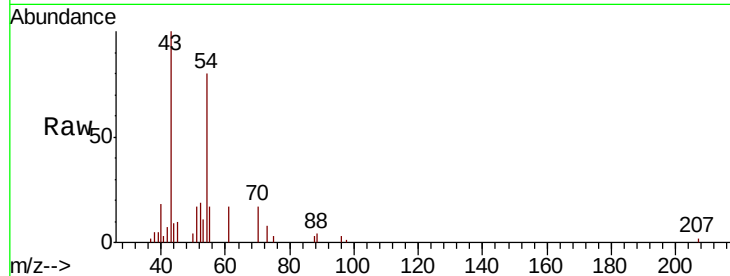




#37
Ethyl Acetate
Concen: 17.498 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

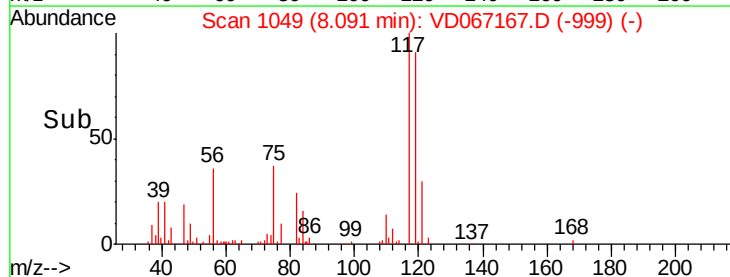
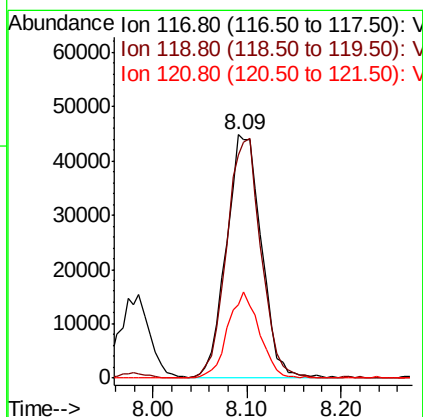
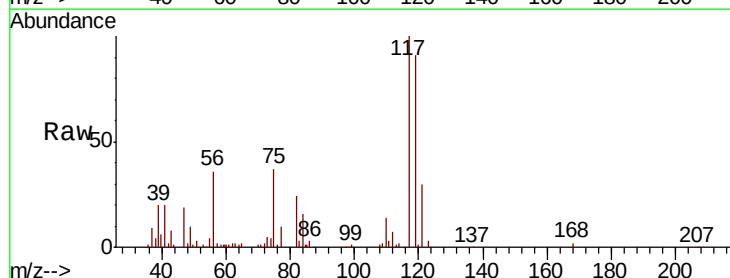
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

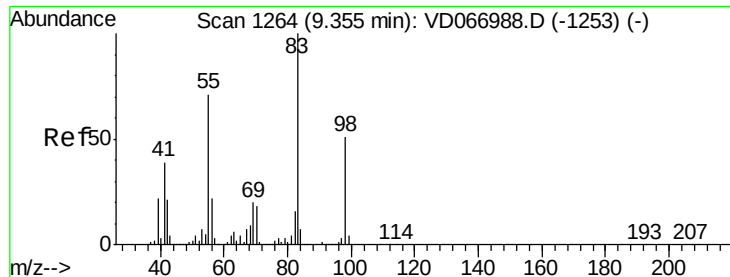
Tot Ion: 43 Resp: 31029
Ion Ratio Lower Upper
43 100
61 15.1 12.5 18.7
70 12.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 20.945 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion: 117 Resp: 116003
Ion Ratio Lower Upper
117 100
119 91.5 78.7 118.1
121 30.2 24.2 36.2

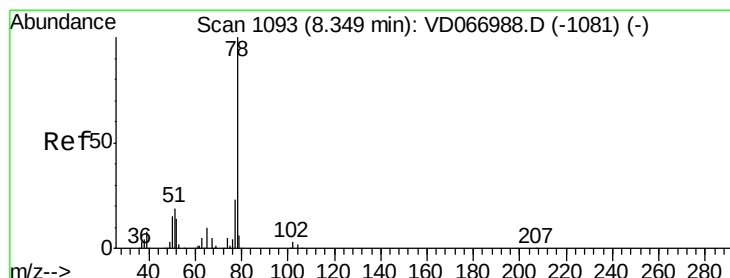
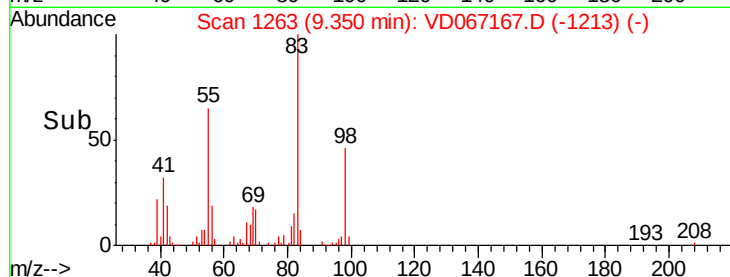
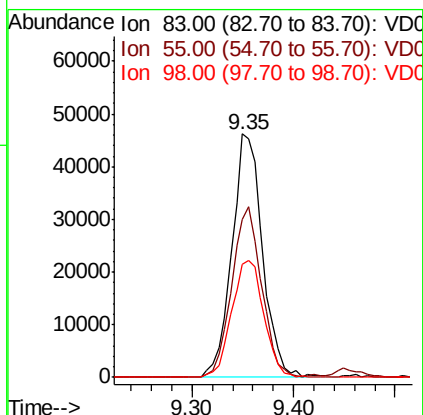
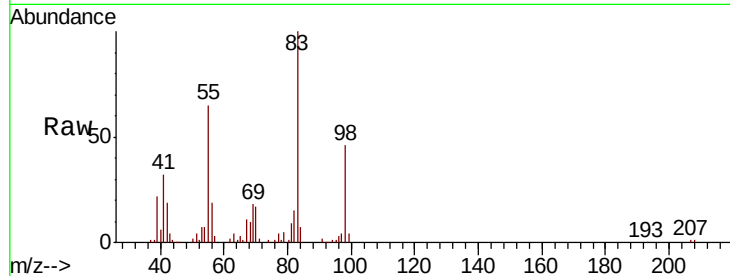




#39
Methylvlcyclohexane
Concen: 17.894 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

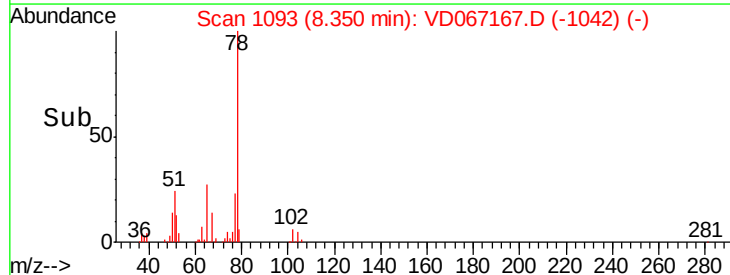
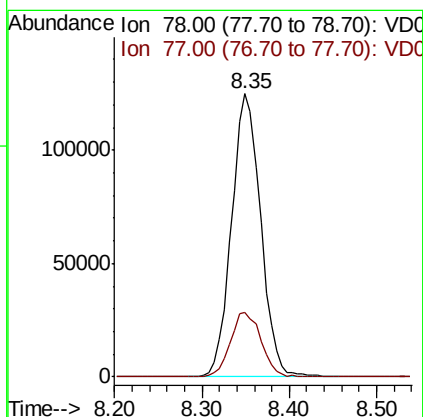
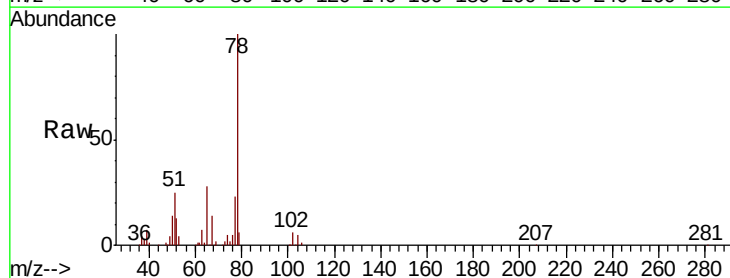
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

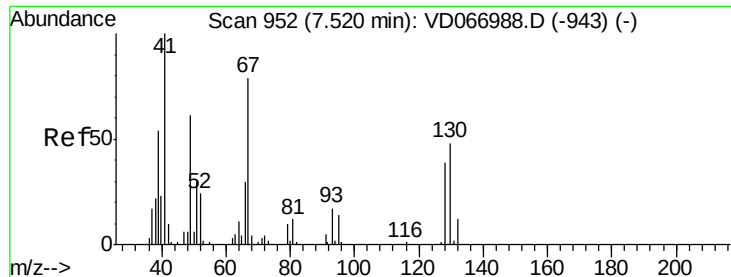
Tot Ion: 83 Resp: 96840
Ion Ratio Lower Upper
83 100
55 64.9 57.1 85.7
98 46.3 40.9 61.3



#40
Benzene
Concen: 19.772 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion: 78 Resp: 281124
Ion Ratio Lower Upper
78 100
77 22.7 18.4 27.6

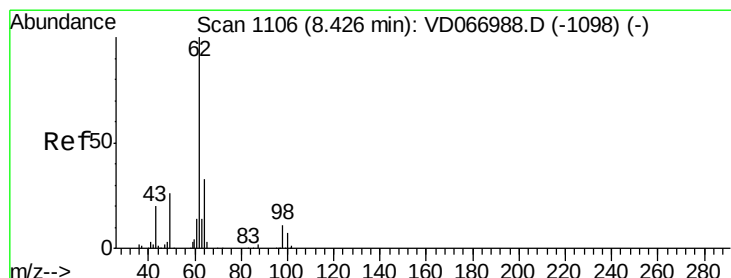
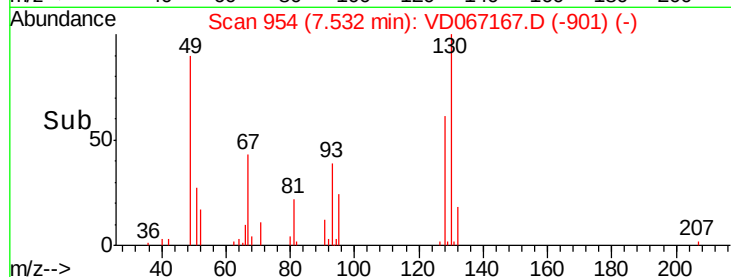
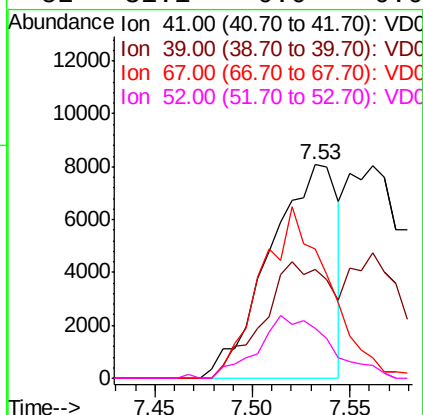
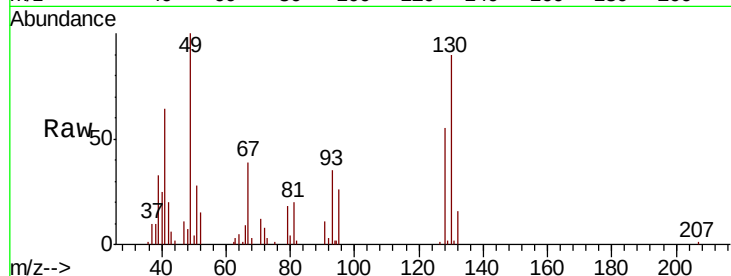




#41
Methacrylonitrile
Concen: 20.361 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

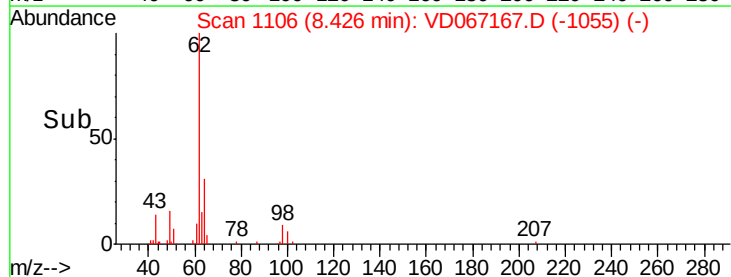
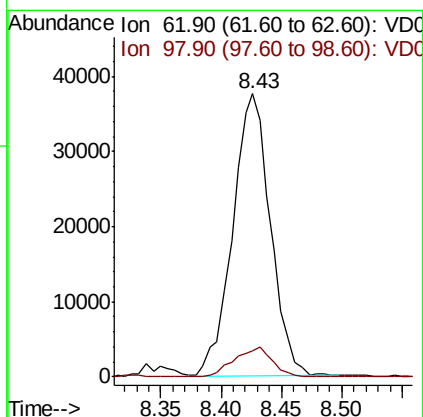
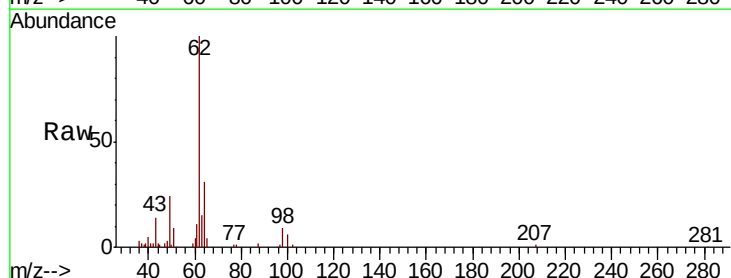
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

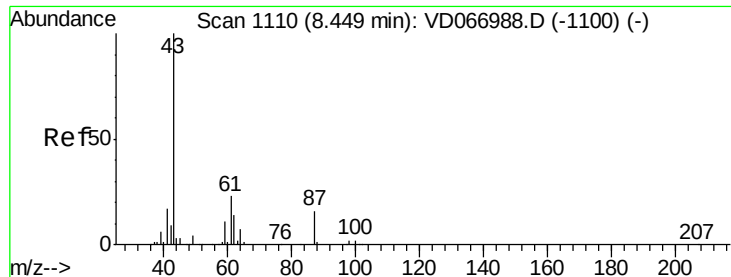
Tot Ion:	41	Resp:	19506
Ion	Ratio	Lower	Upper
41	100		
39	54.7	0.0	0.0#
67	80.6	0.0	0.0#
52	31.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.604 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion:	62	Resp:	81858
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.6





#43

Isopropyl Acetate

Concen: 17.942 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

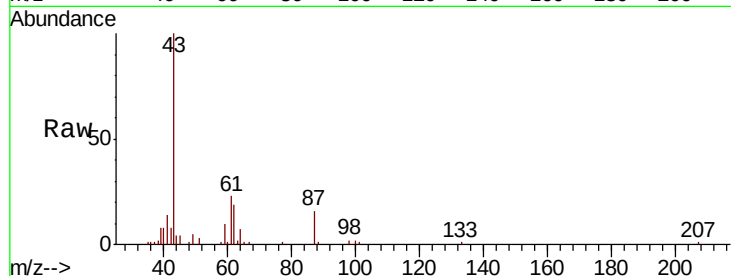
Tot Ion: 43 Resp: 58615

Ion Ratio Lower Upper

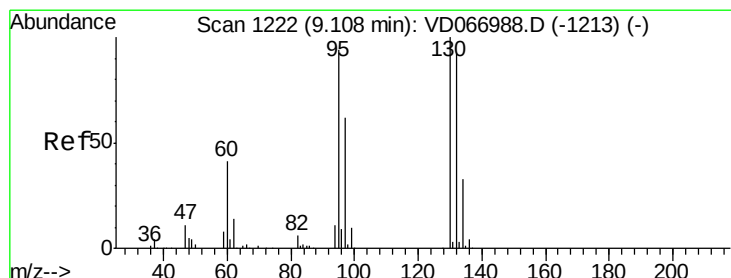
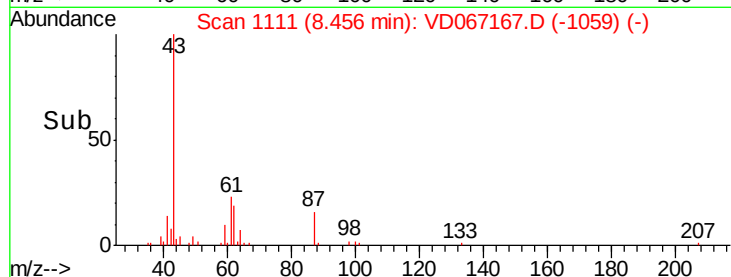
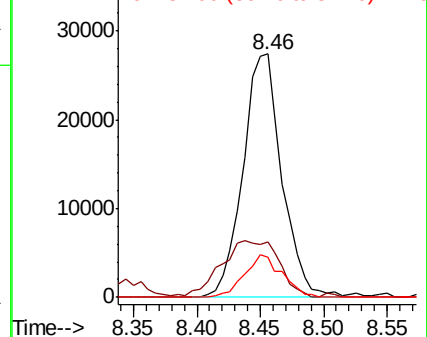
43 100

61 34.6 27.1 40.7

87 16.7 12.3 18.5



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



#44

Trichloroethene

Concen: 20.202 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067167.D

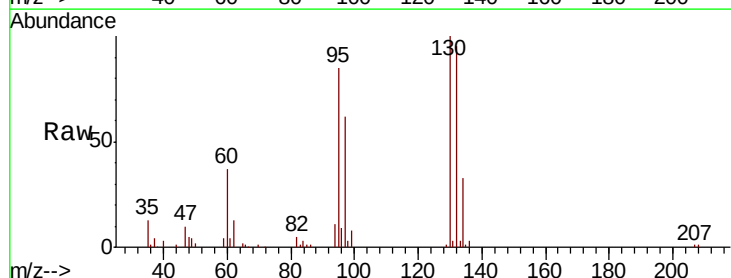
Acq: 07 Oct 2020 23:18

Tgt Ion: 130 Resp: 85768

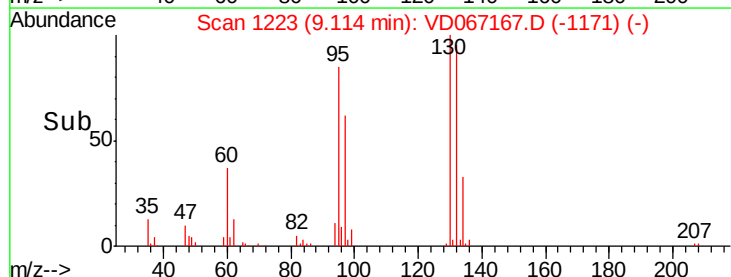
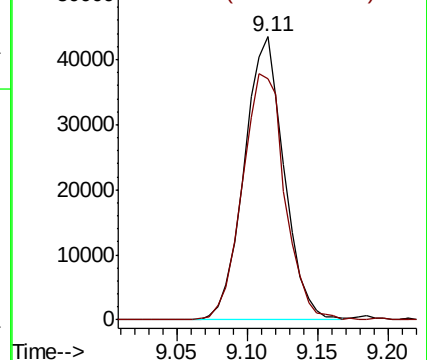
Ion Ratio Lower Upper

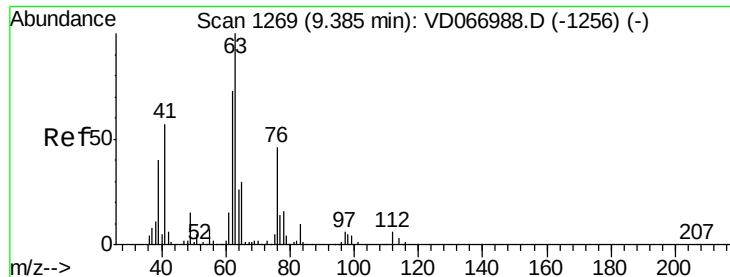
130 100

95 85.3 0.0 187.8



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

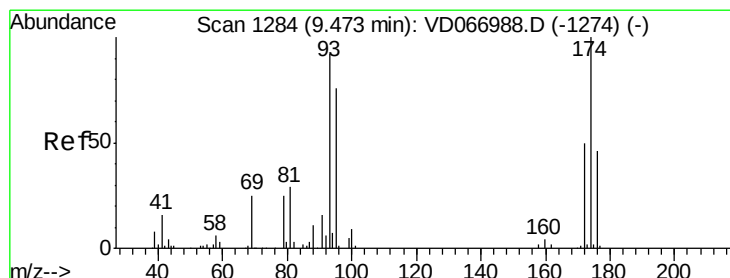
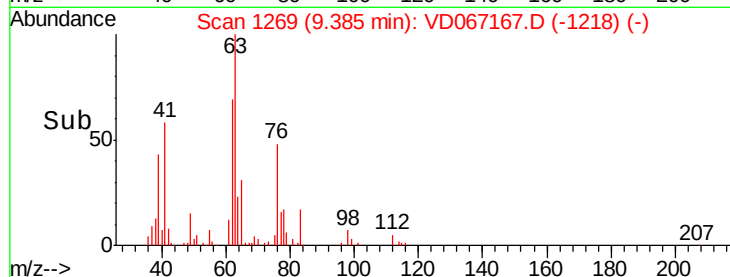
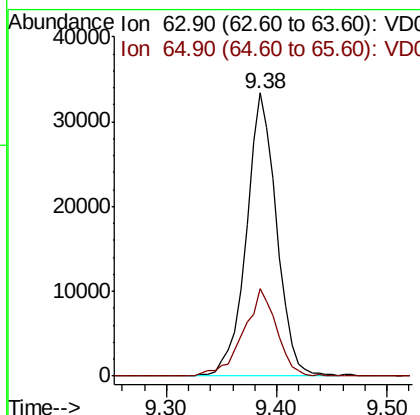
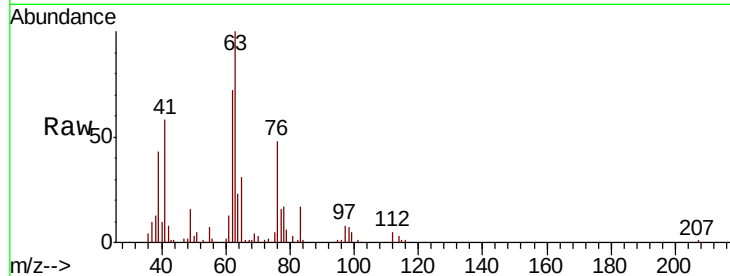




#45
 1,2-Dichloropropane
 Concen: 19.207 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

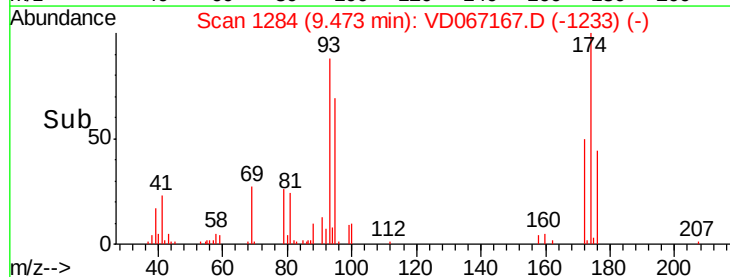
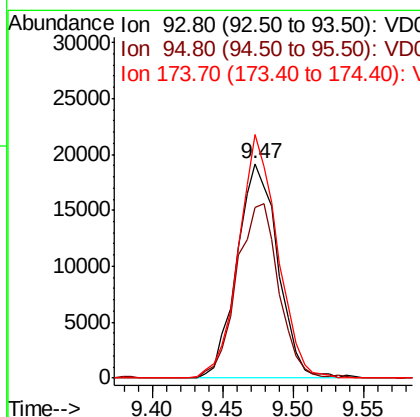
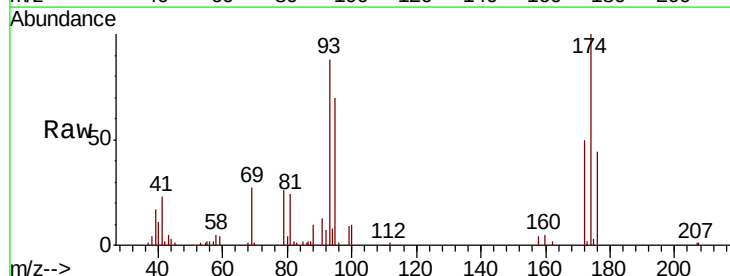
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS02

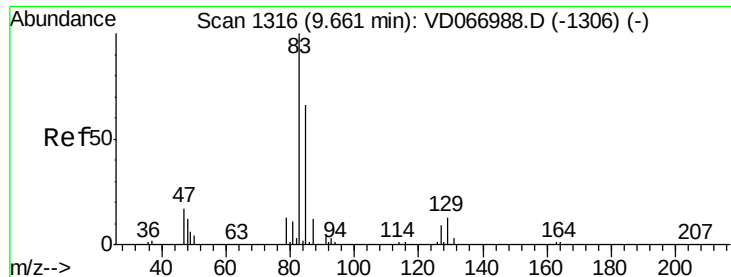
Tot Ion: 63 Resp: 64164
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.7 35.5



#46
 Dibromomethane
 Concen: 20.204 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

Tgt Ion: 93 Resp: 38792
 Ion Ratio Lower Upper
 93 100
 95 83.3 64.7 97.1
 174 107.8 81.4 122.2





#47

Bromodichloromethane

Concen: 21.394 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

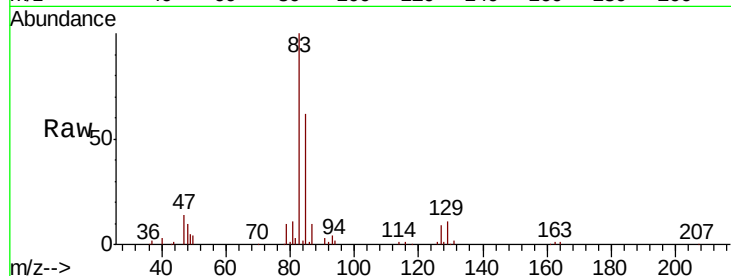
Tot Ion: 83 Resp: 106777

Ion Ratio Lower Upper

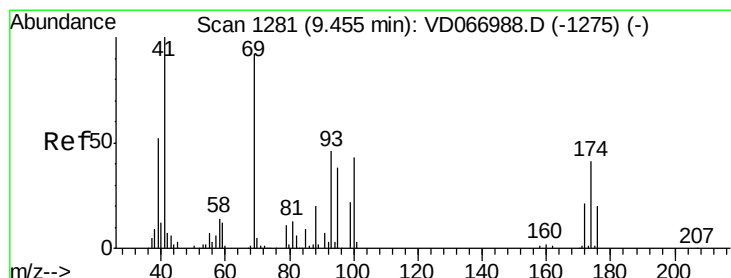
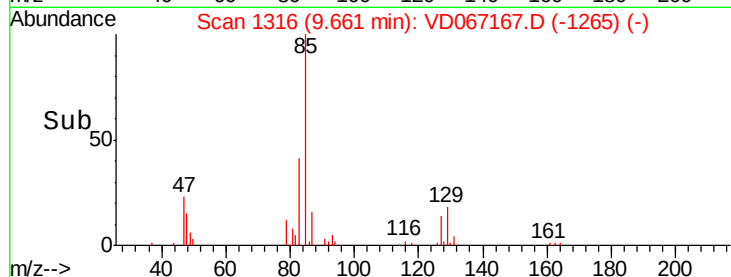
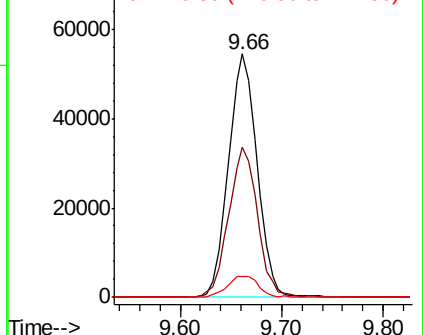
83 100

85 61.8 52.9 79.3

127 8.8 7.3 10.9



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: 16.241 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

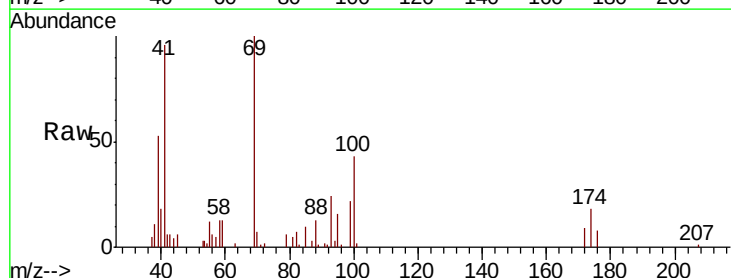
Tgt Ion: 41 Resp: 27182

Ion Ratio Lower Upper

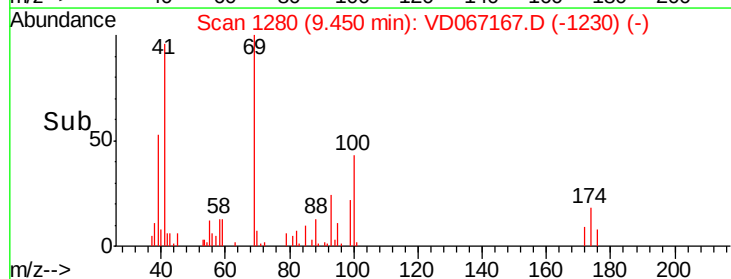
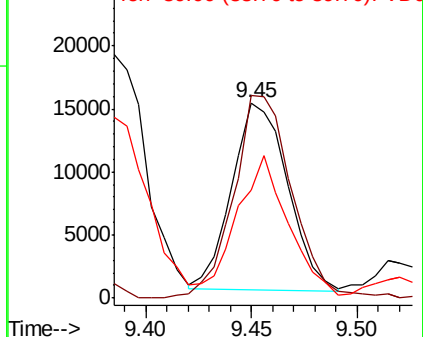
41 100

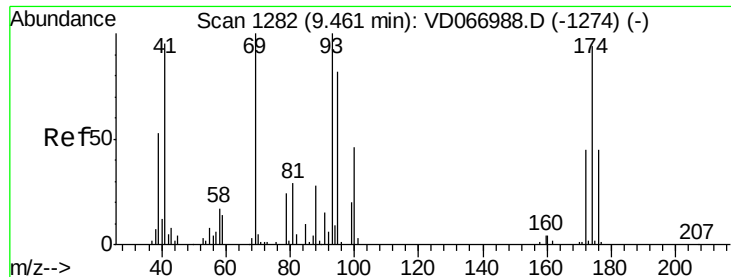
69 114.4 68.5 102.7#

39 72.7 40.2 60.2#



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

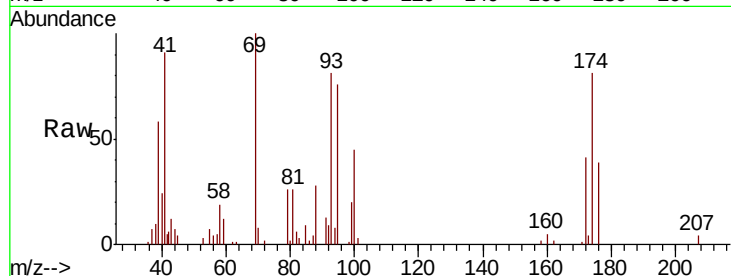




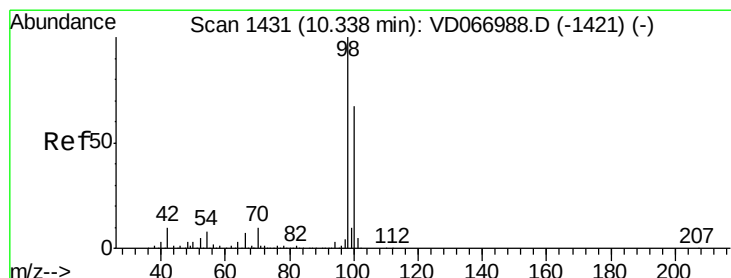
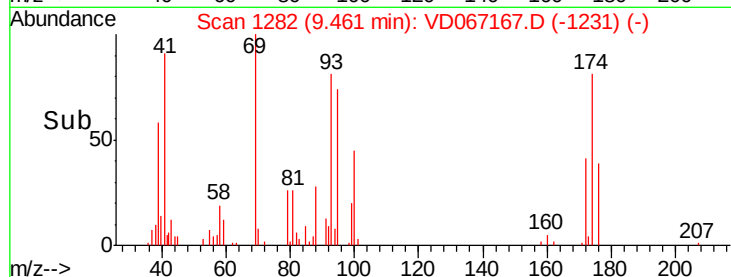
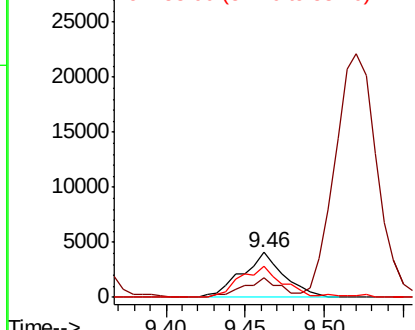
#49
1,4-Dioxane
Concen: 370.523 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

Tot Ion: 88 Resp: 7425
Ion Ratio Lower Upper
88 100
43 39.2 25.6 38.4#
58 69.5 53.5 80.3

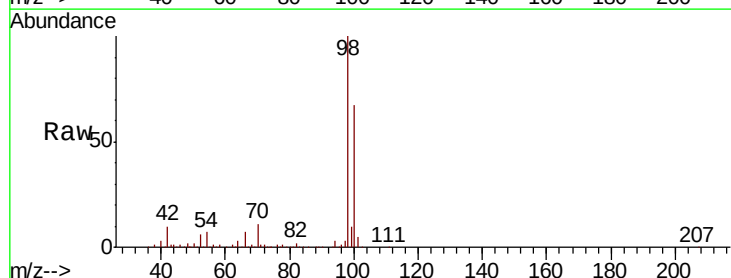


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

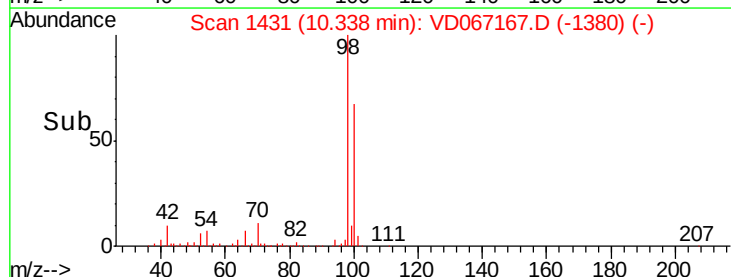
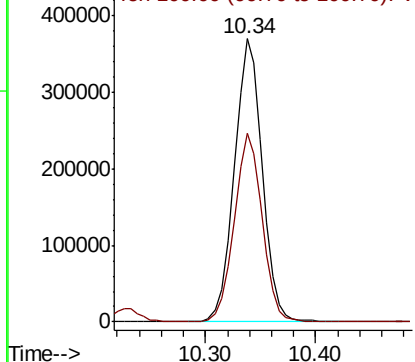


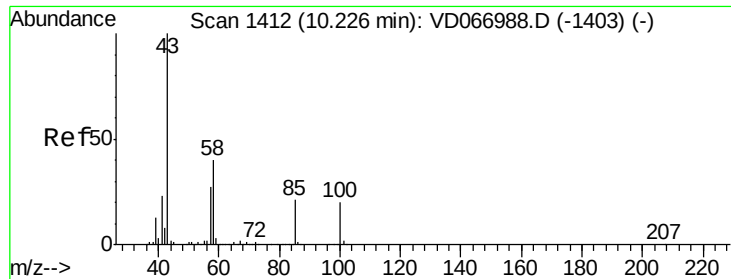
#50
Toluene-d8
Concen: 50.046 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion: 98 Resp: 655653
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 89.838 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

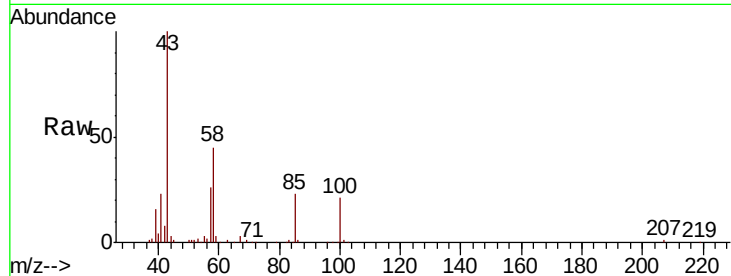
VD1007SBS02

Tot Ion: 43 Resp: 146185

Ion Ratio Lower Upper

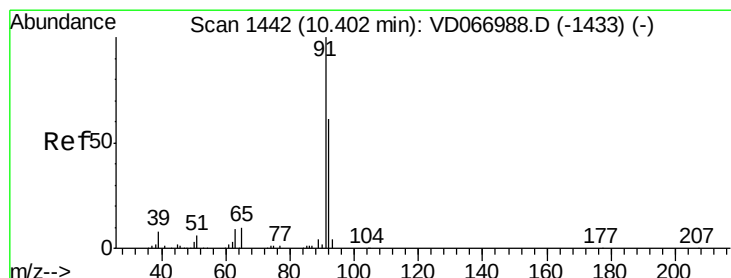
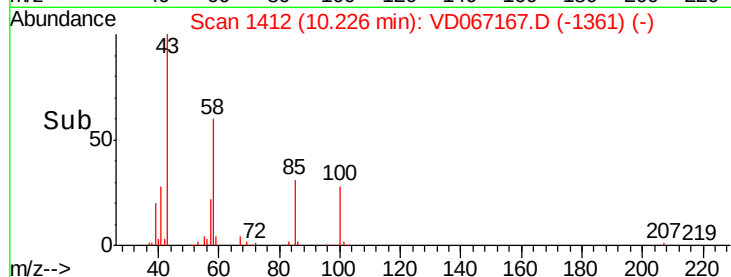
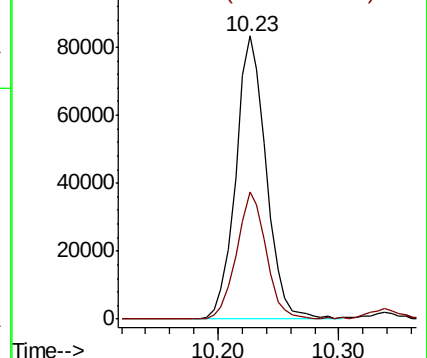
43 100

58 43.8 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.507 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067167.D

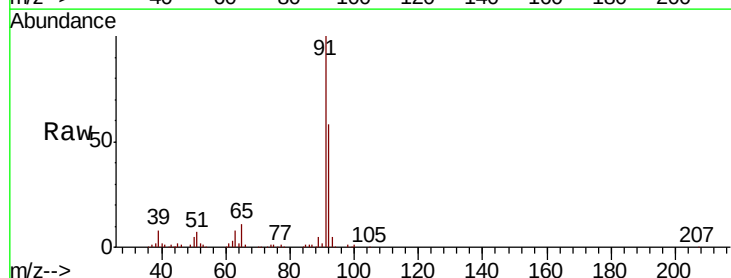
Acq: 07 Oct 2020 23:18

Tgt Ion: 92 Resp: 187820

Ion Ratio Lower Upper

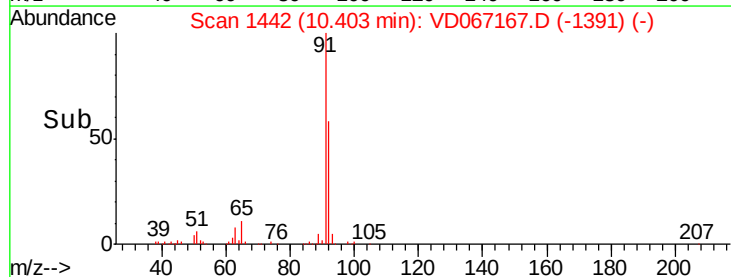
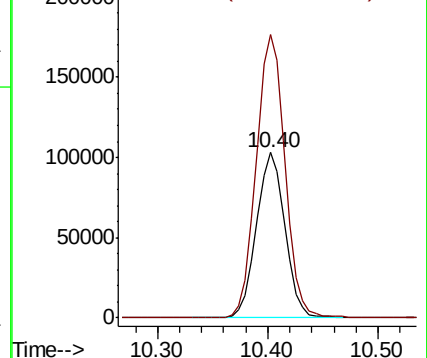
92 100

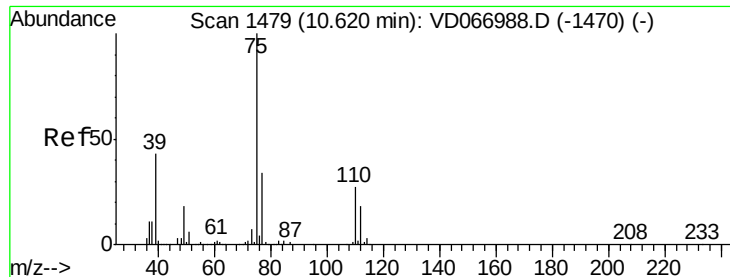
91 172.1 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.142 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

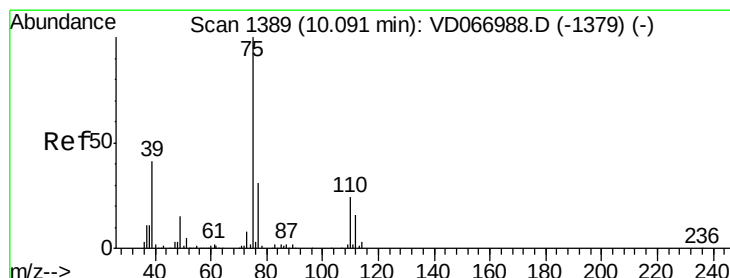
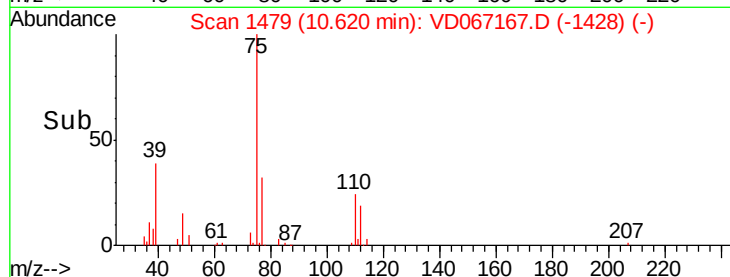
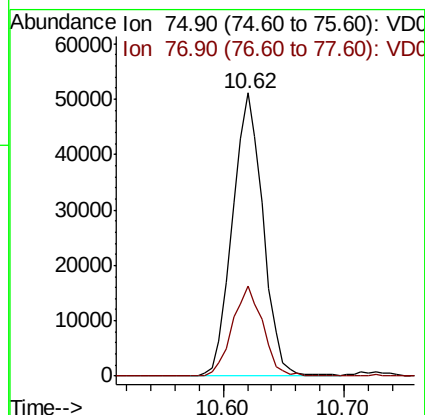
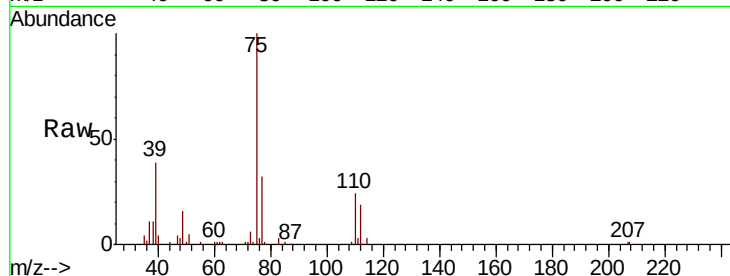
VD1007SBS02

Tot Ion: 75 Resp: 89848

Ion Ratio Lower Upper

75 100

77 31.9 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 19.771 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

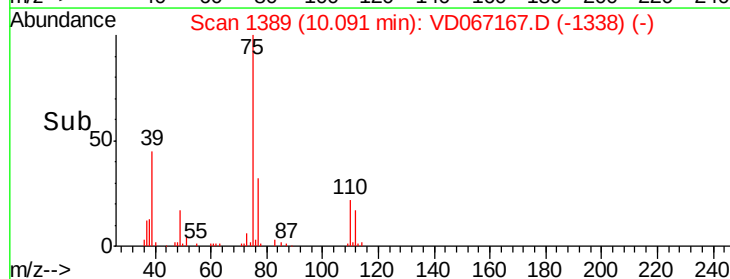
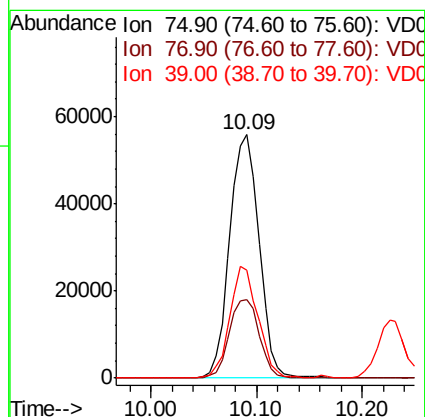
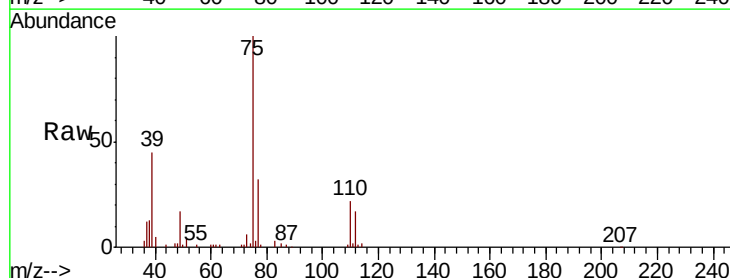
Tgt Ion: 75 Resp: 107690

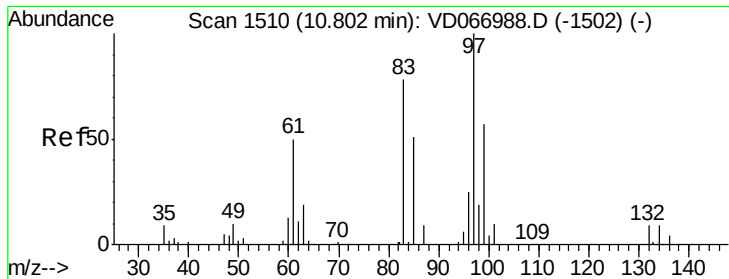
Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 44.6 33.0 49.4

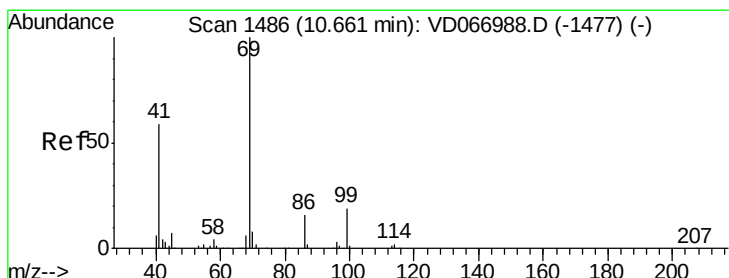
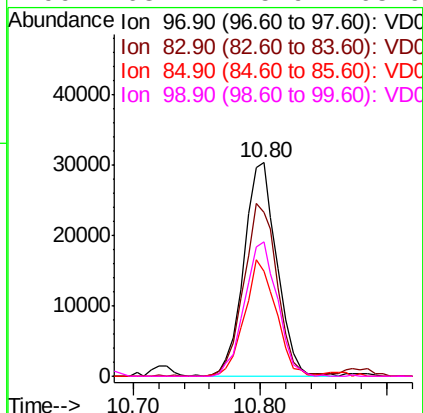
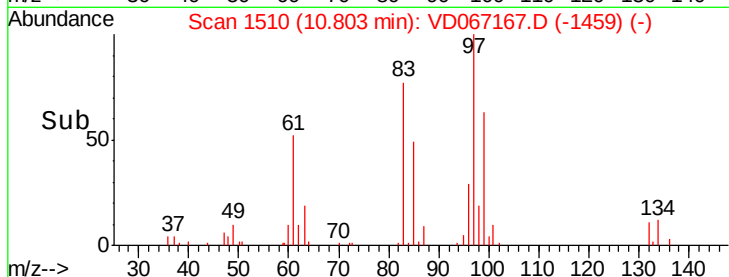
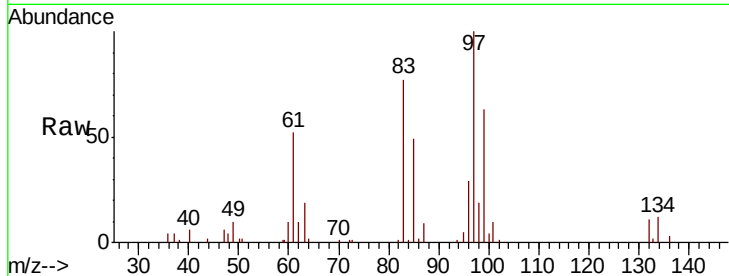




#55
 1,1,2-Trichloroethane
 Concen: 20.663 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

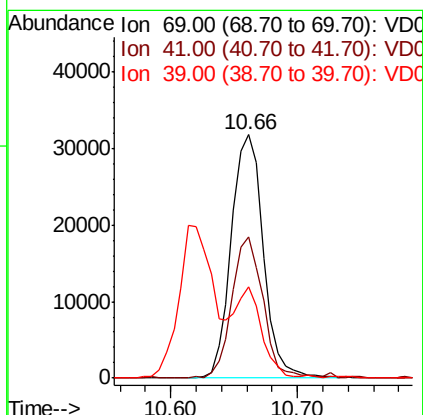
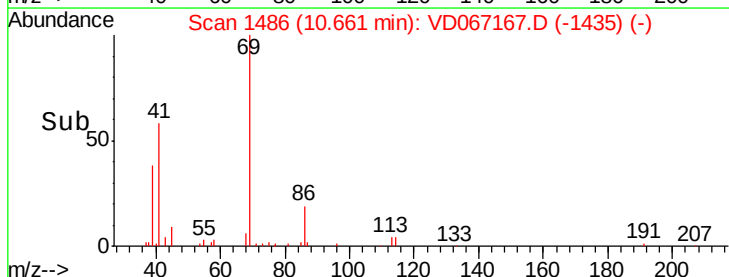
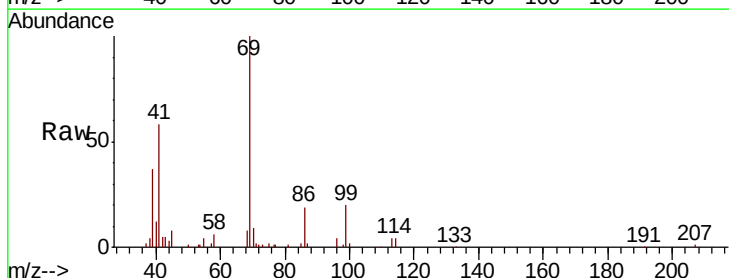
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS02

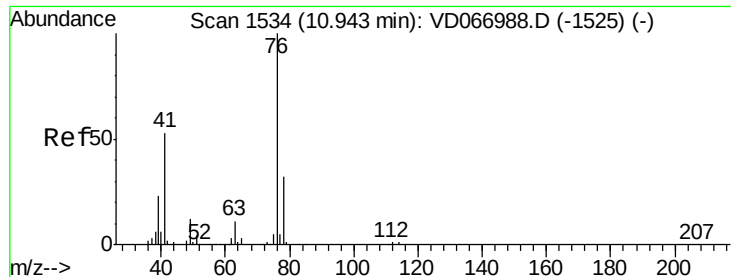
Tot Ion:	97	Resp:	55160
Ion	Ratio	Lower	Upper
97	100		
83	77.0	62.4	93.6
85	49.1	41.0	61.4
99	63.1	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 20.166 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

Tgt Ion:	69	Resp:	55578
Ion	Ratio	Lower	Upper
69	100		
41	56.5	46.4	69.6
39	32.2	23.8	35.6

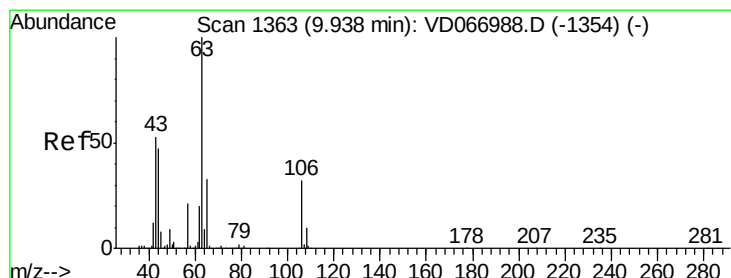
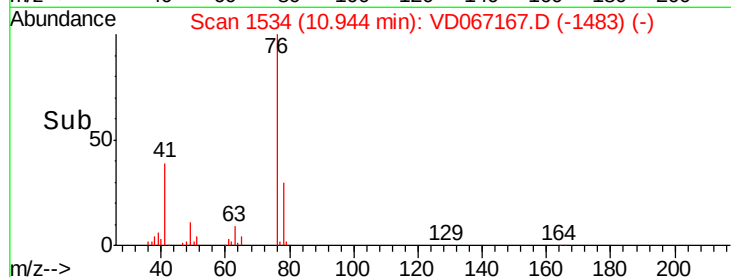
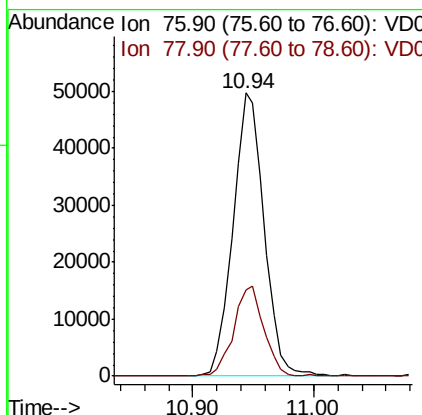
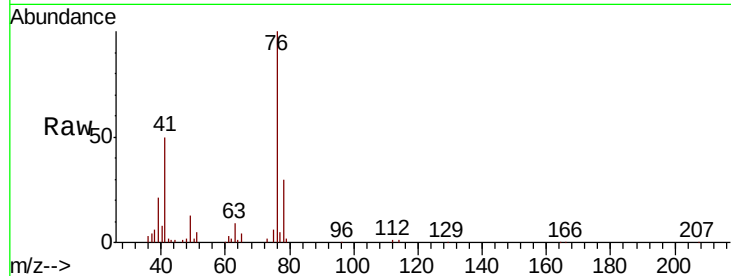




#57
 1,3-Dichloropropane
 Concen: 20.575 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

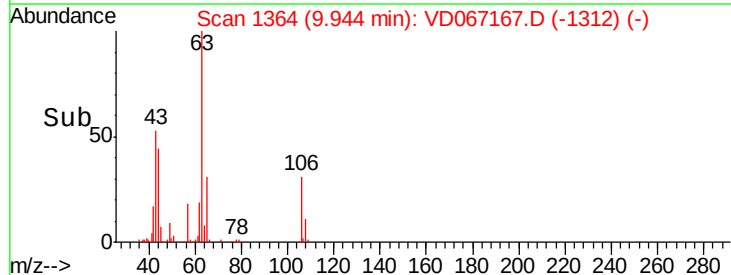
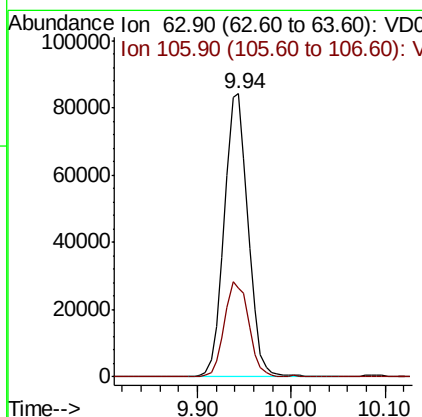
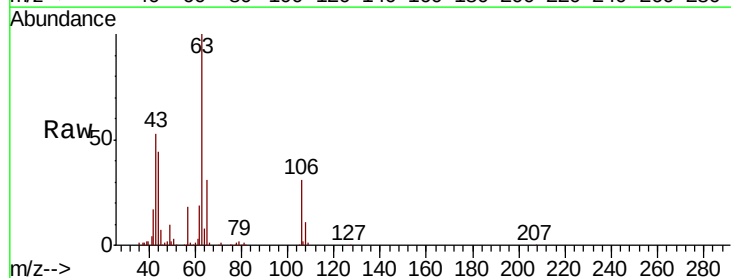
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS02

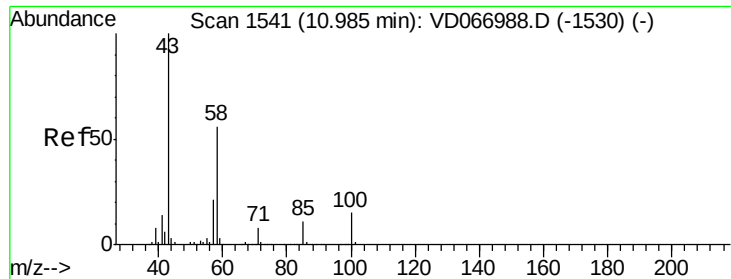
Tot Ion: 76 Resp: 89067
 Ion Ratio Lower Upper
 76 100
 78 30.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.329 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

Tgt Ion: 63 Resp: 149300
 Ion Ratio Lower Upper
 63 100
 106 34.3 25.3 37.9

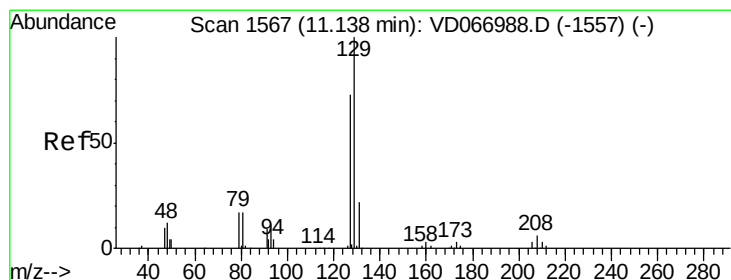
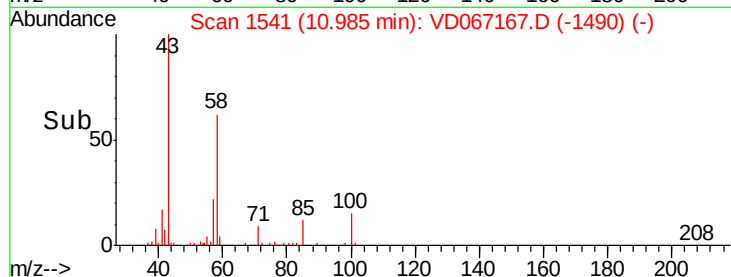
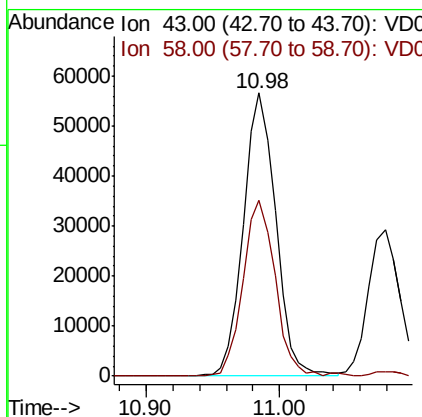
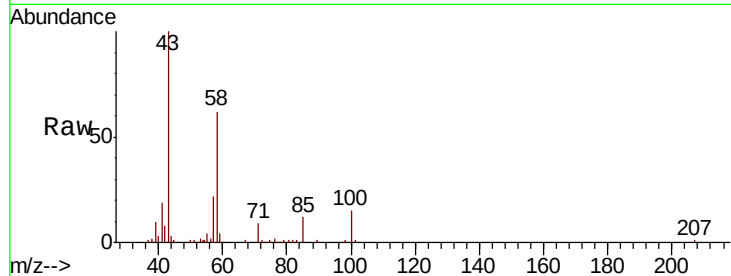




#59
2-Hexanone
Concen: 87.406 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

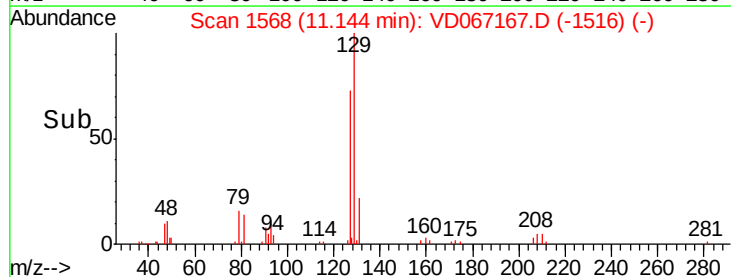
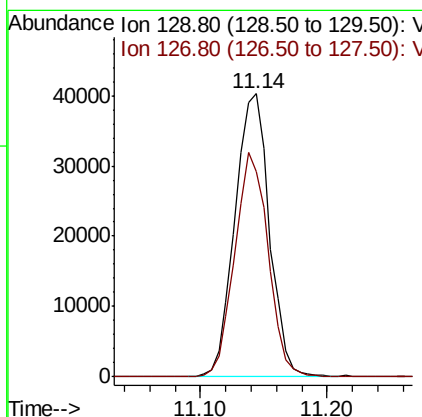
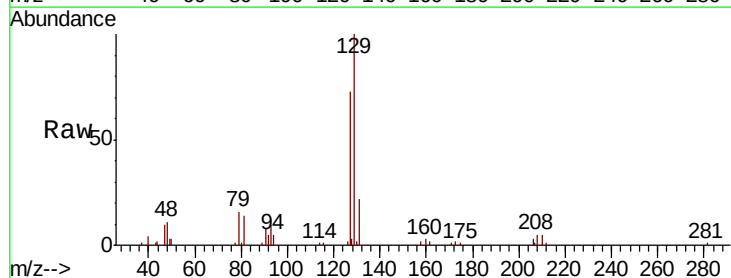
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

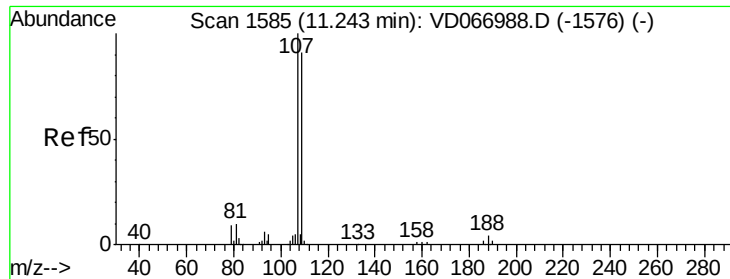
Tot Ion: 43 Resp: 94928
Ion Ratio Lower Upper
43 100
58 61.4 28.3 84.9



#60
Dibromochloromethane
Concen: 21.298 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion: 129 Resp: 75778
Ion Ratio Lower Upper
129 100
127 77.1 37.4 112.1

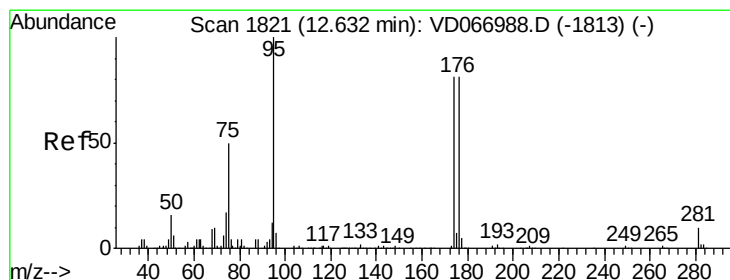
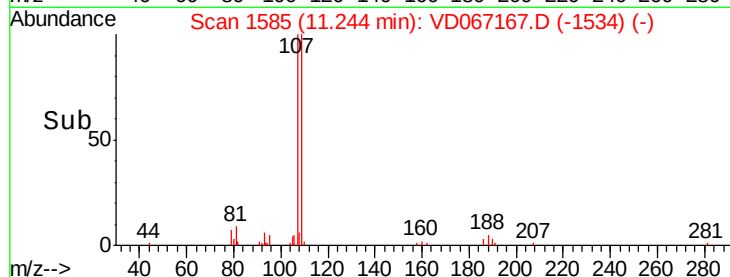
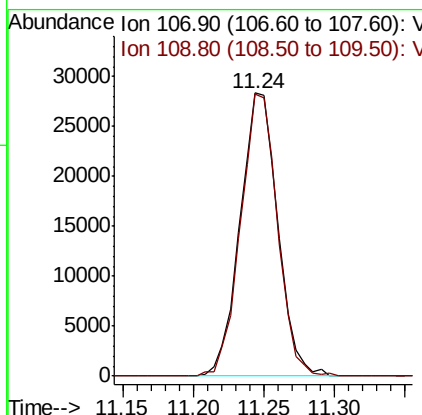
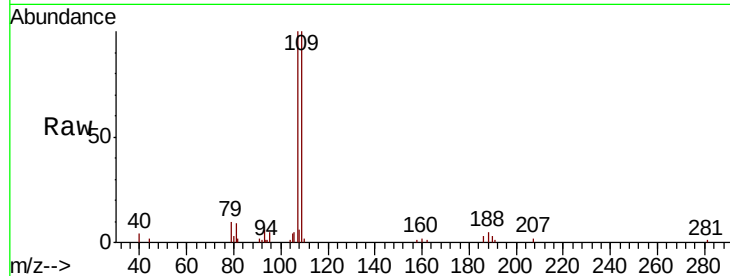




#61
 1,2-Dibromoethane
 Concen: 20.683 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

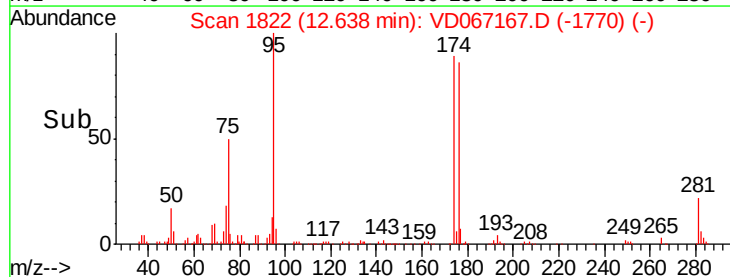
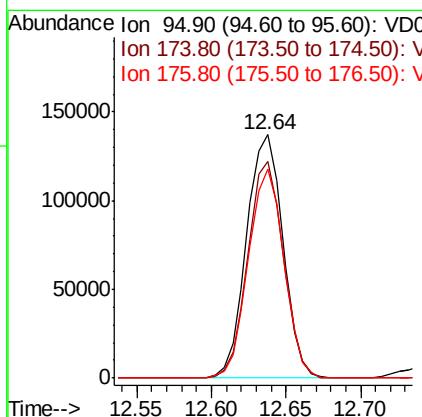
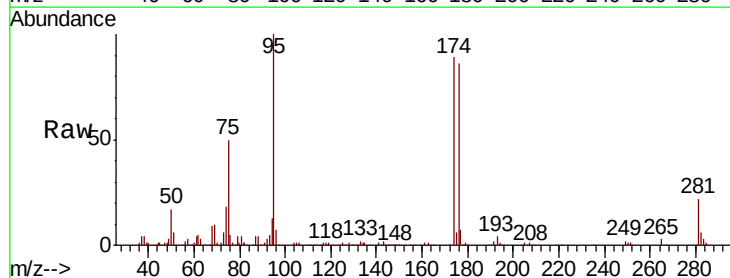
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS02

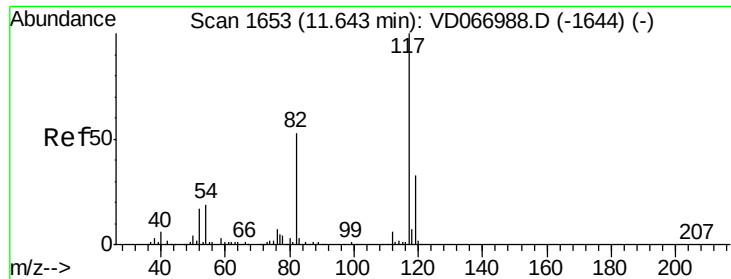
Tot Ion:107 Resp: 53045
 Ion Ratio Lower Upper
 107 100
 109 97.1 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 51.939 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

Tgt Ion: 95 Resp: 230996
 Ion Ratio Lower Upper
 95 100
 174 87.0 0.0 167.6
 176 84.0 0.0 162.4

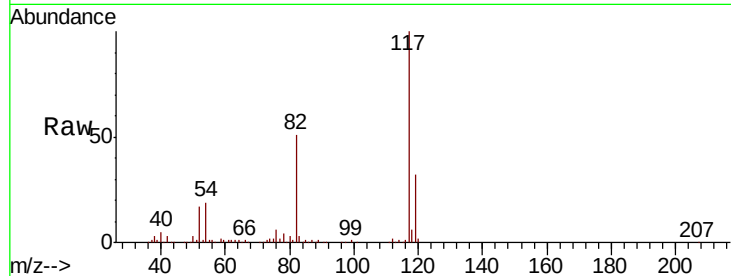




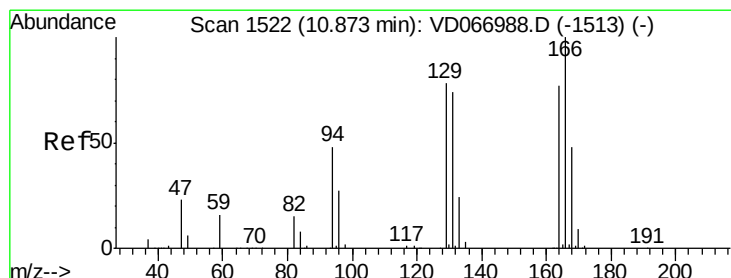
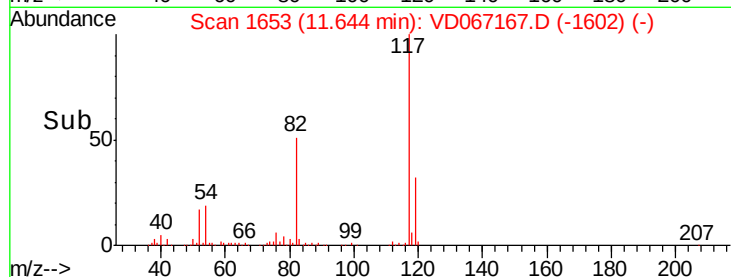
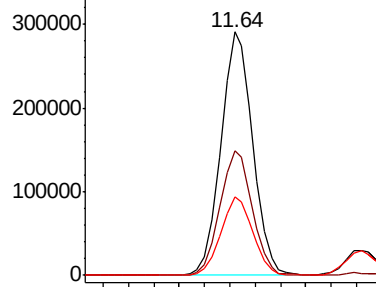
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

Tot Ion:117 Resp: 506519
Ion Ratio Lower Upper
117 100
82 51.4 42.6 63.8
119 32.3 26.3 39.5

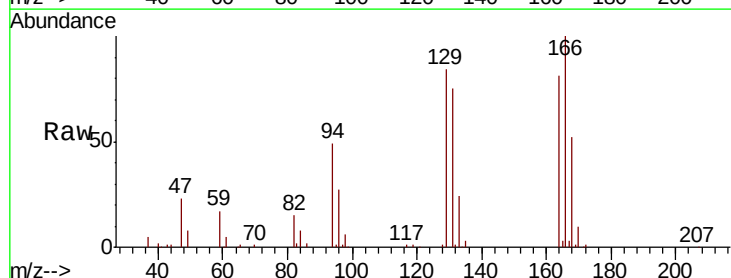


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

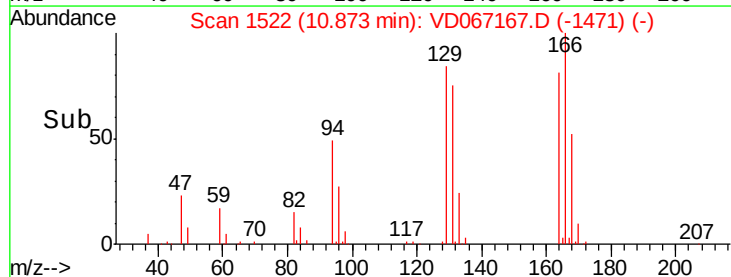
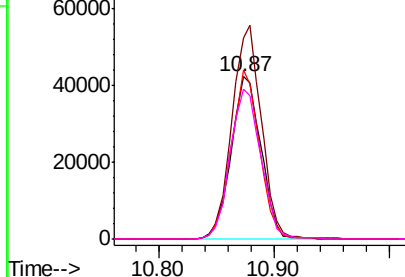


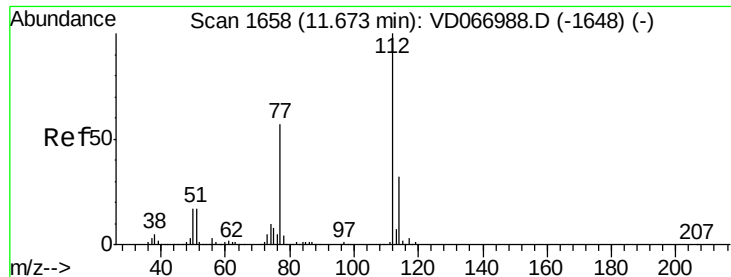
#64
Tetrachloroethene
Concen: 20.636 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion:164 Resp: 75990
Ion Ratio Lower Upper
164 100
166 123.8 104.4 156.6
129 104.0 81.3 121.9
131 92.7 77.1 115.7



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

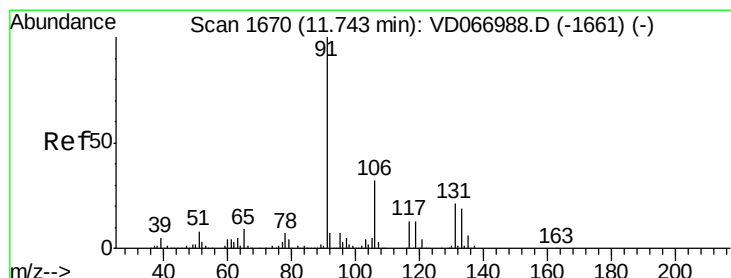
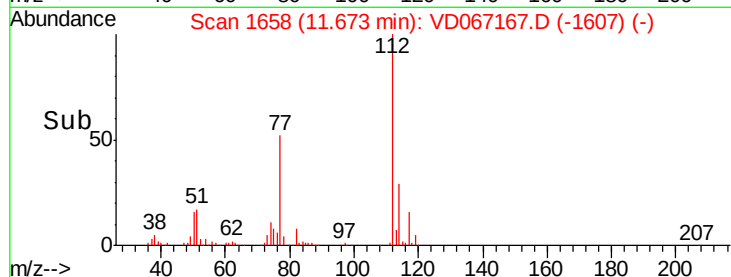
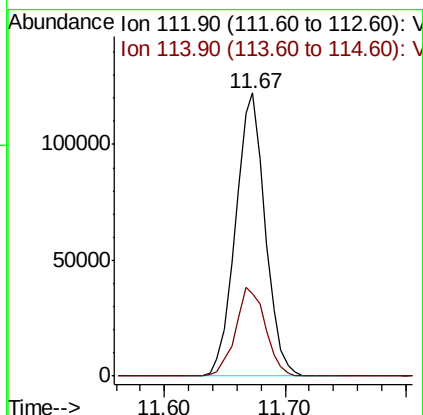
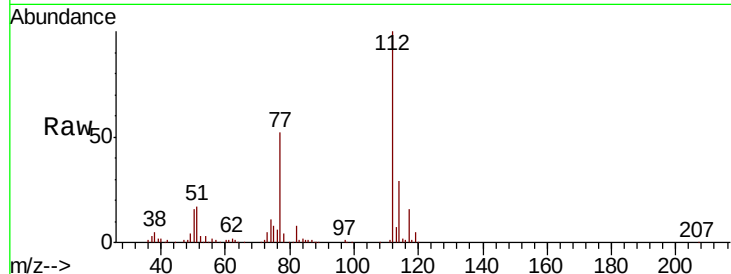




#65
Chlorobenzene
Concen: 20.712 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

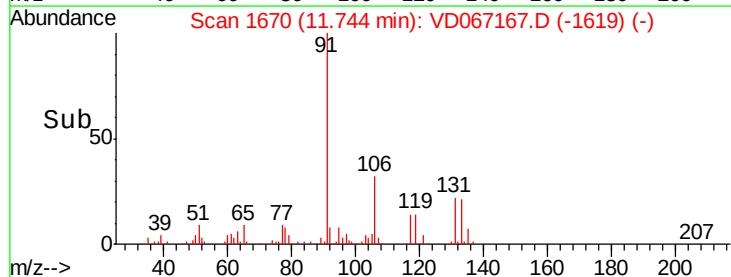
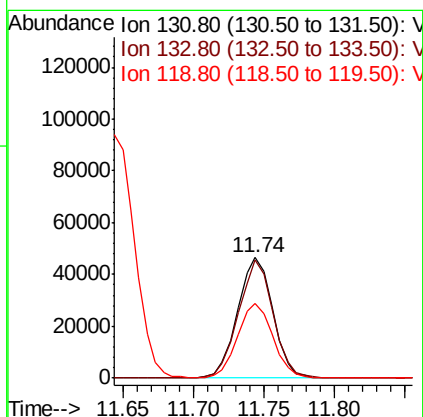
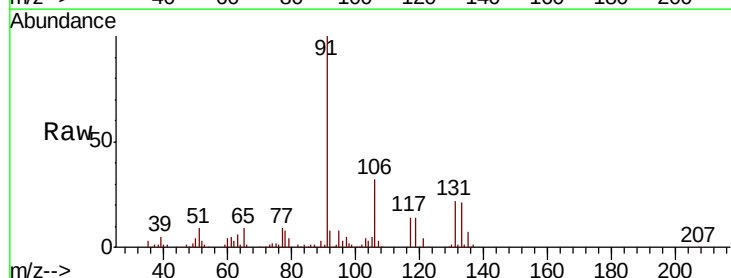
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

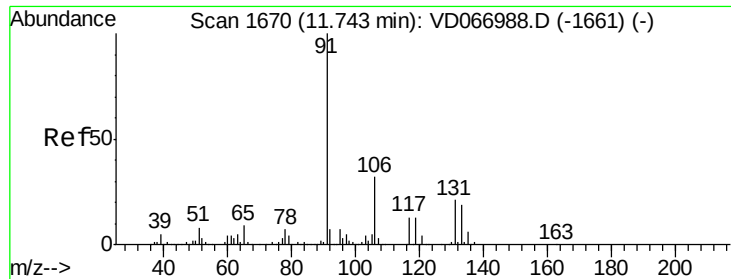
Tot Ion:112 Resp: 208652
Ion Ratio Lower Upper
112 100
114 29.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.083 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion:131 Resp: 80790
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.3
119 62.7 32.3 96.8

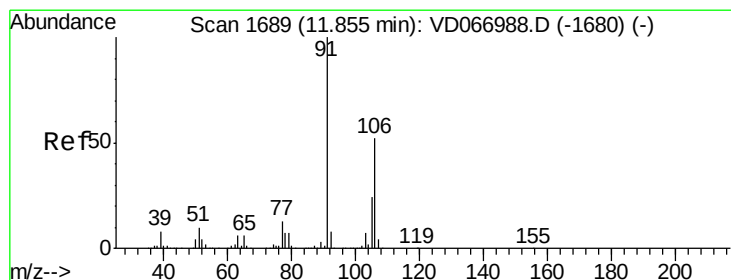
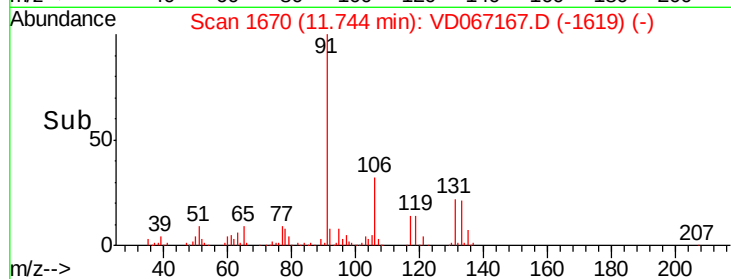
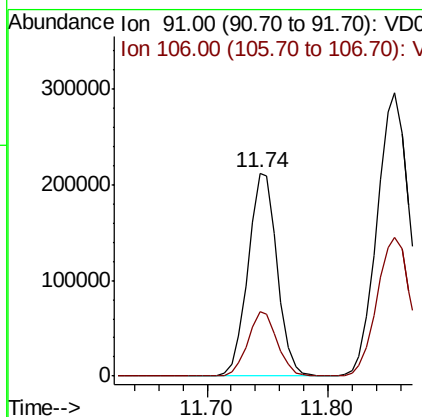
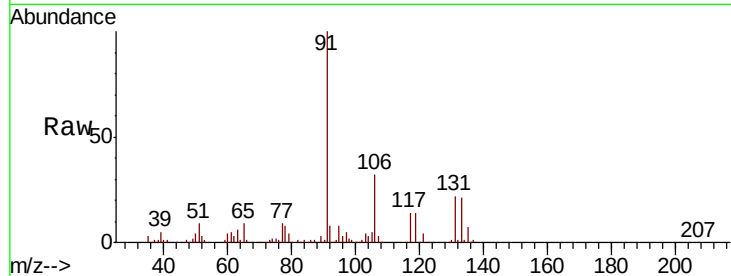




#67
Ethyl Benzene
Concen: 20.599 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

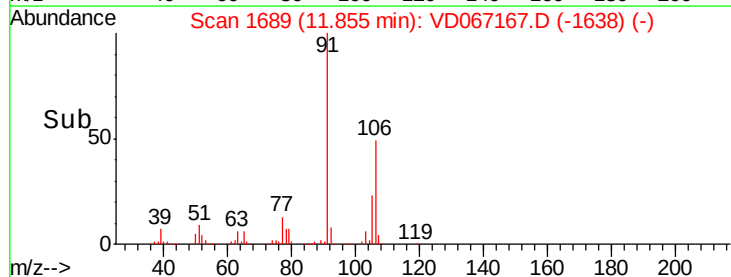
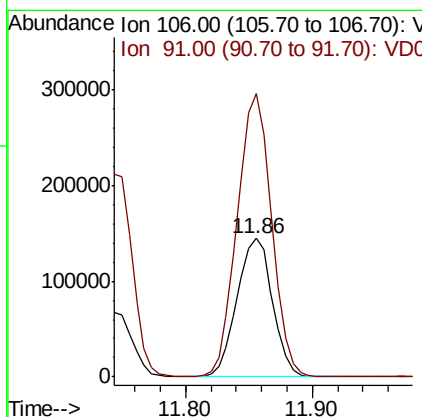
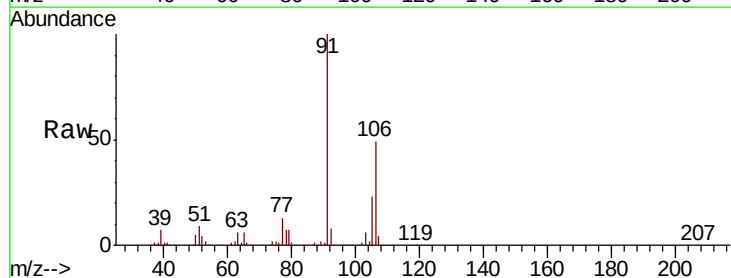
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

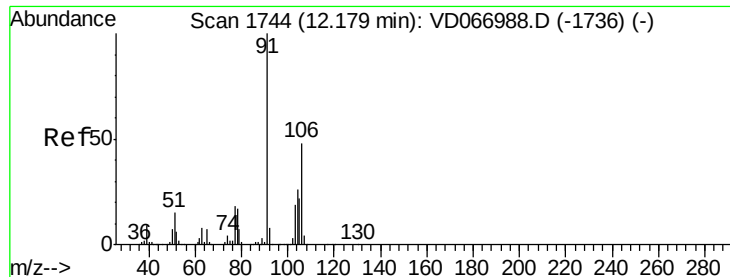
Tot Ion: 91 Resp: 355564
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 41.745 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion: 106 Resp: 280813
Ion Ratio Lower Upper
106 100
91 198.7 158.4 237.6

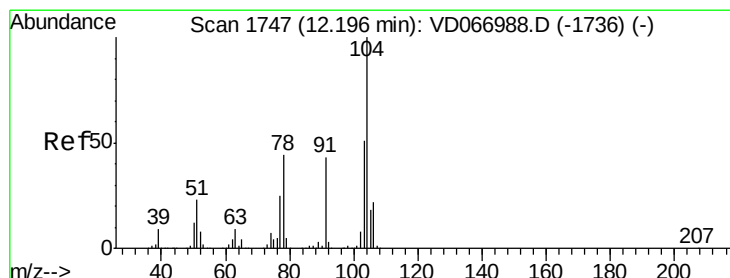
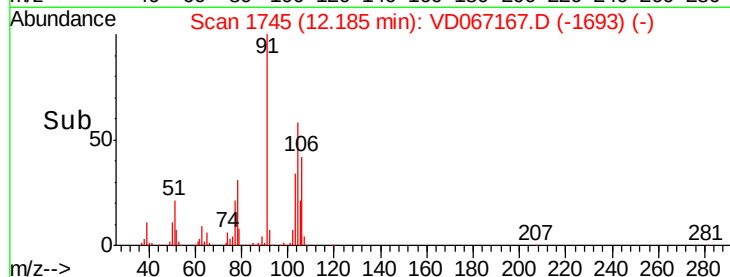
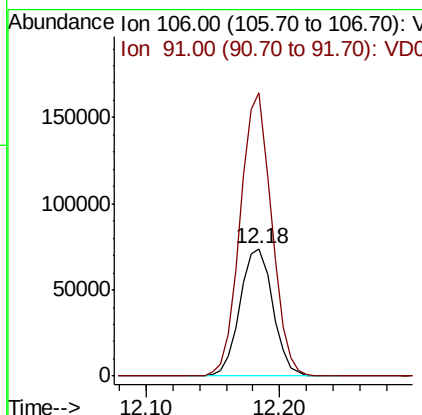
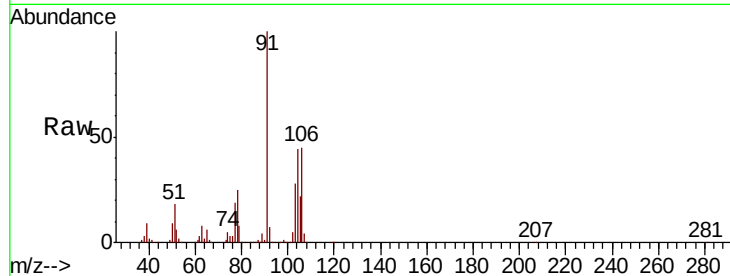




#69
o-Xylene
Concen: 21.020 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

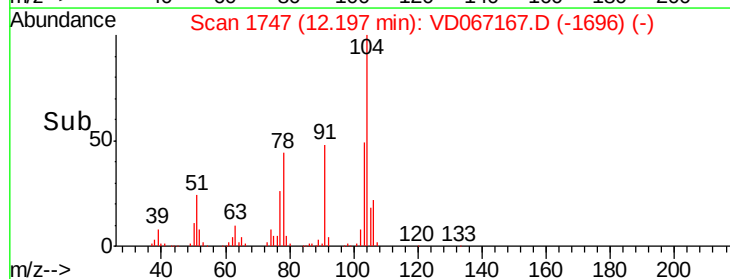
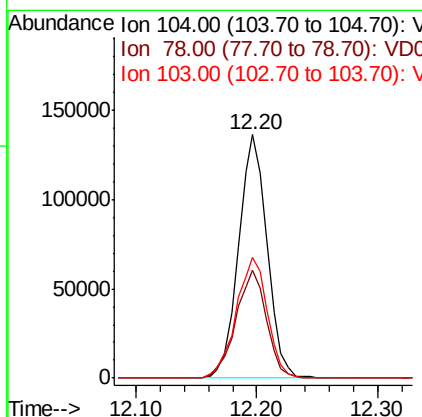
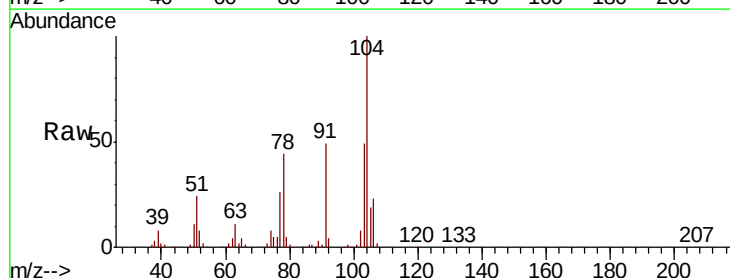
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

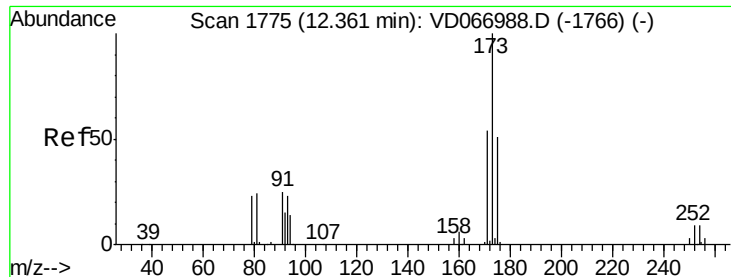
Tot Ion:106 Resp: 126446
Ion Ratio Lower Upper
106 100
91 211.6 102.4 307.2



#70
Styrene
Concen: 21.696 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion:104 Resp: 224109
Ion Ratio Lower Upper
104 100
78 47.5 38.6 58.0
103 54.5 43.4 65.0





#71

Bromoform

Concen: 21.990 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

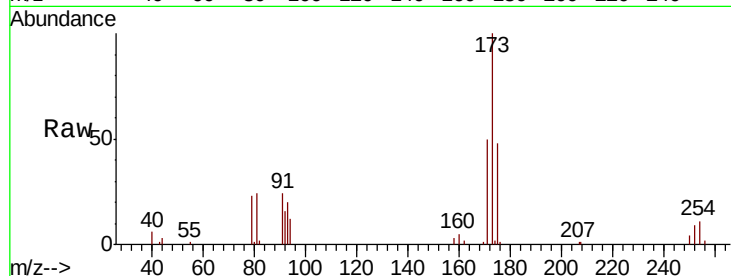
Tot Ion:173 Resp: 43742

Ion Ratio Lower Upper

173 100

175 46.4 24.9 74.7

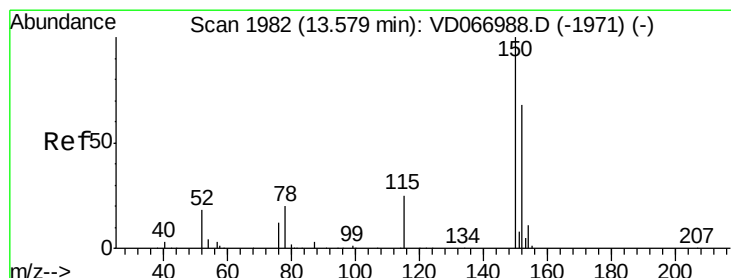
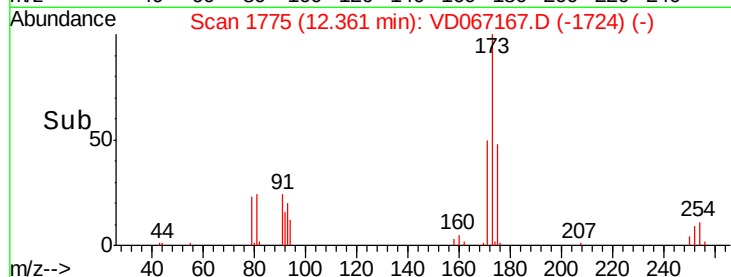
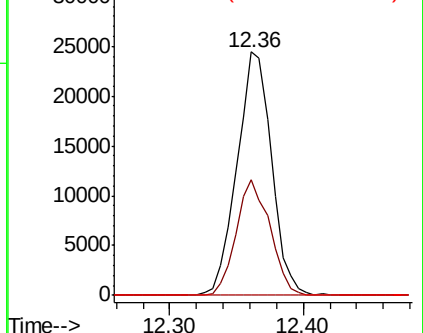
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

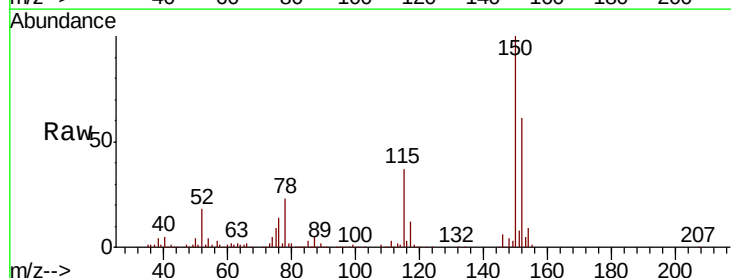
Tgt Ion:152 Resp: 250485

Ion Ratio Lower Upper

152 100

115 61.0 29.6 88.8

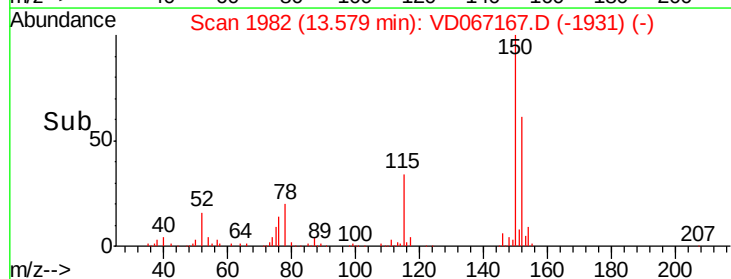
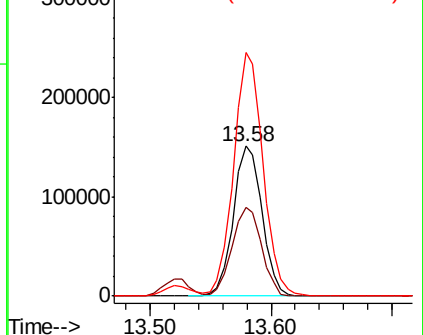
150 165.9 0.0 344.8

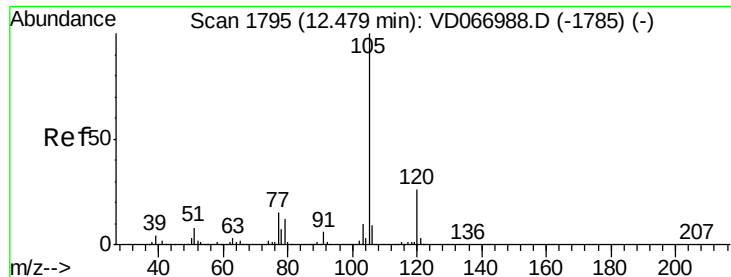


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.190 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

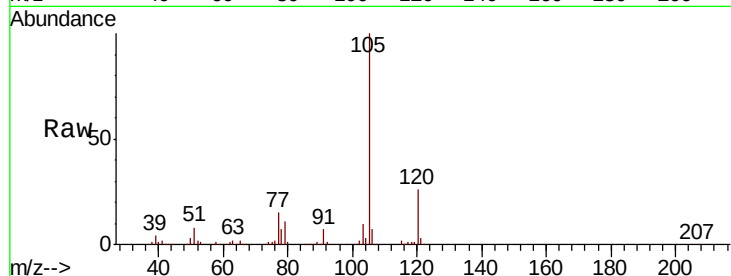
VD1007SBS02

Tot Ion:105 Resp: 343394

Ion Ratio Lower Upper

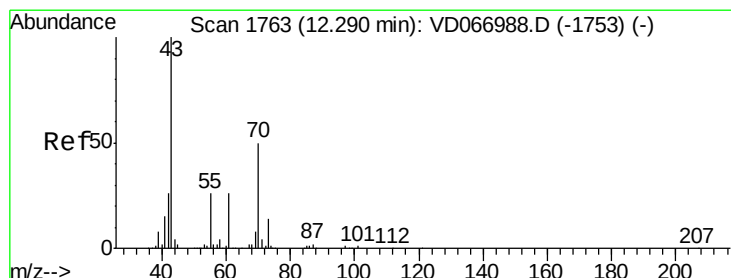
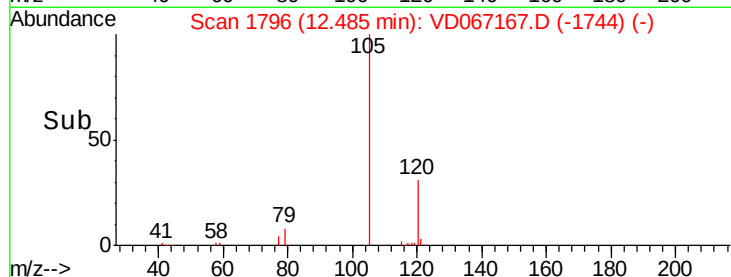
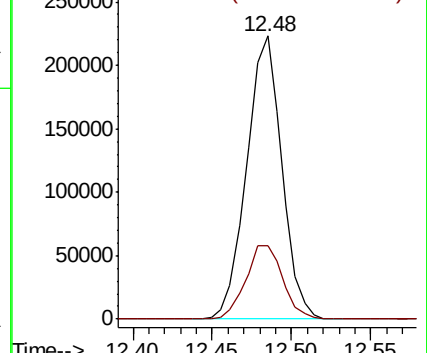
105 100

120 27.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.233 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Tgt Ion: 43 Resp: 52689

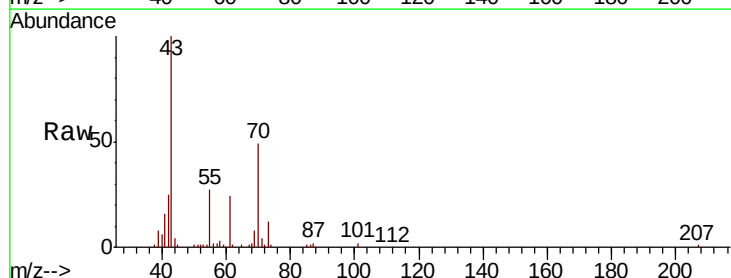
Ion Ratio Lower Upper

43 100

70 52.0 38.2 57.2

55 29.7 22.4 33.6

61 27.1 20.6 31.0

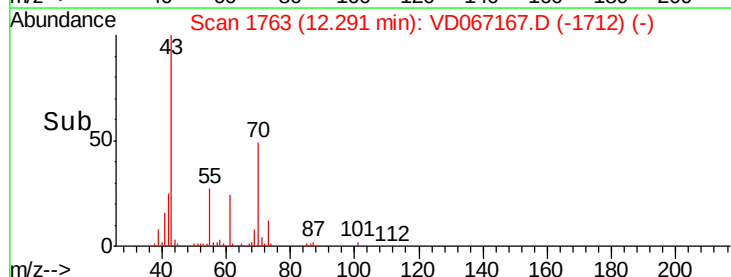
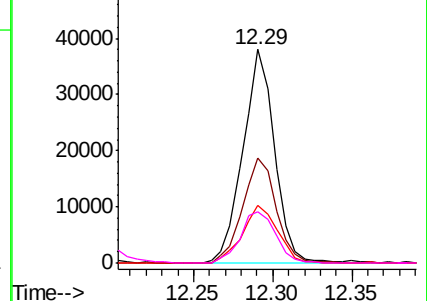


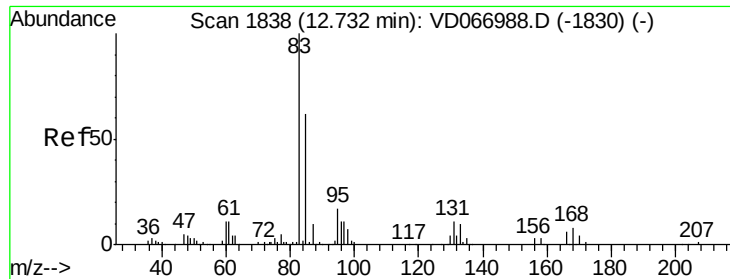
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.636 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

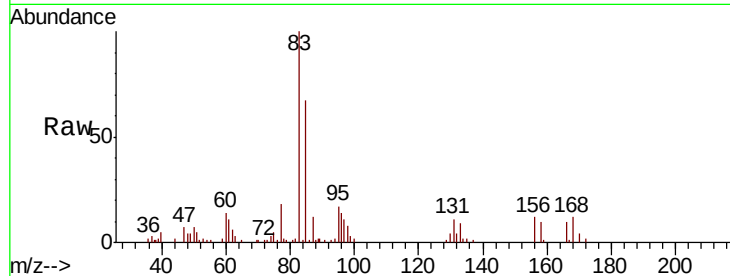
Tot Ion: 83 Resp: 53404

Ion Ratio Lower Upper

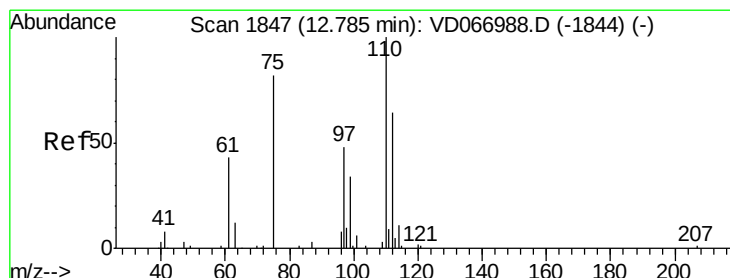
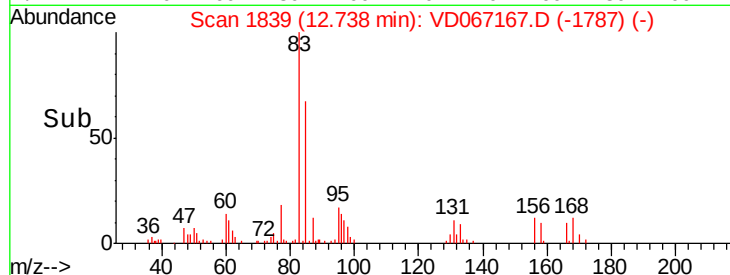
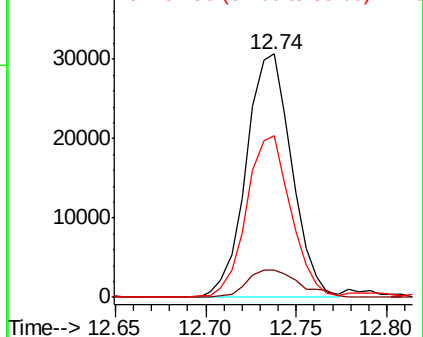
83 100

131 13.0 5.7 17.0

85 65.1 32.0 96.2



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: 33.694 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD067167.D

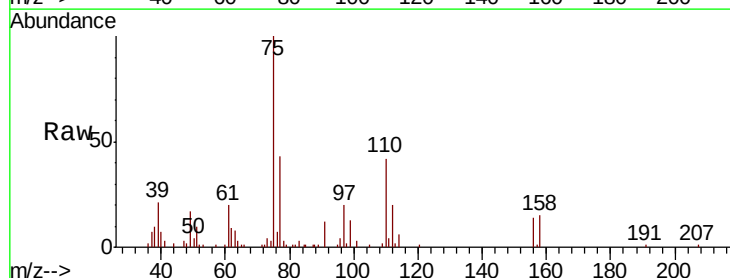
Acq: 07 Oct 2020 23:18

Tgt Ion: 75 Resp: 73514

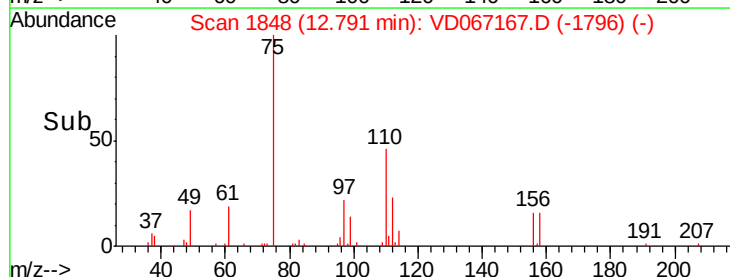
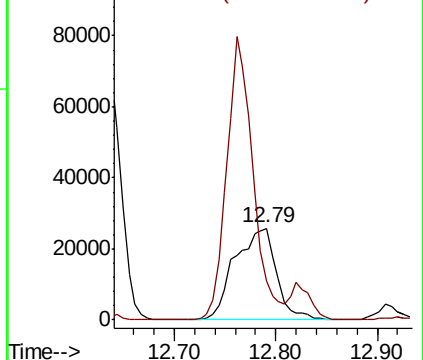
Ion Ratio Lower Upper

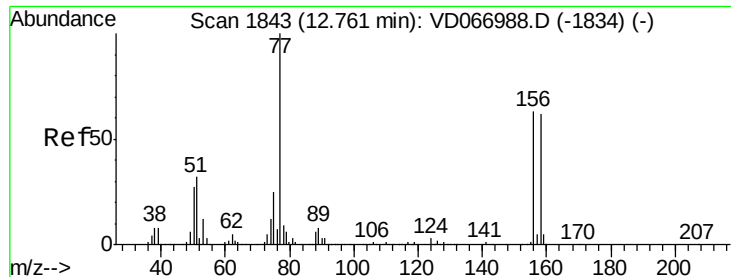
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 21.417 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

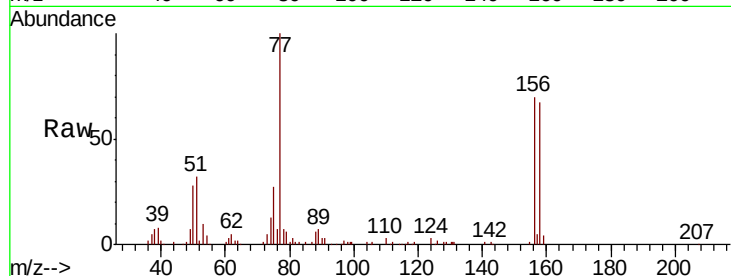
Tot Ion:156 Resp: 87958

Ion Ratio Lower Upper

156 100

77 164.0 86.3 258.8

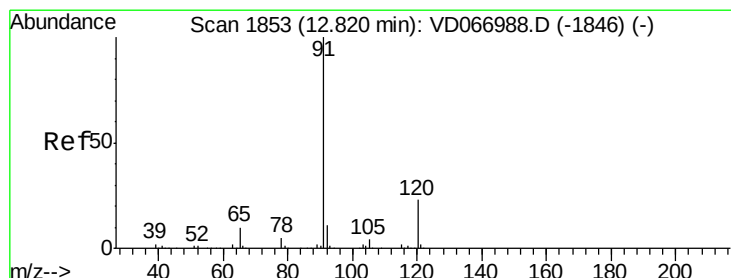
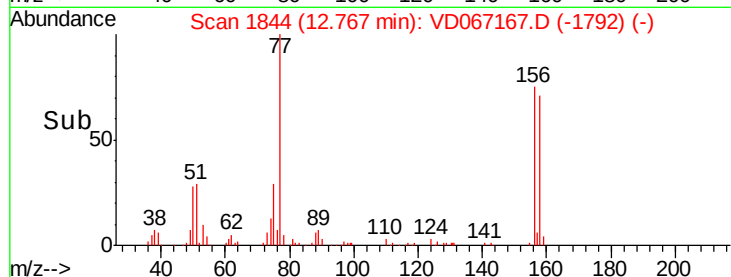
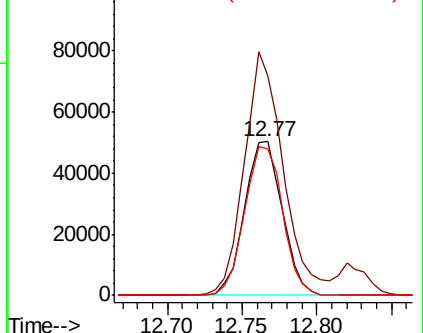
158 97.0 49.5 148.3



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: 20.252 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067167.D

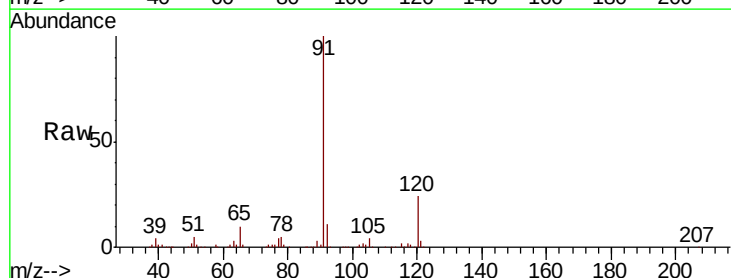
Acq: 07 Oct 2020 23:18

Tgt Ion: 91 Resp: 407086

Ion Ratio Lower Upper

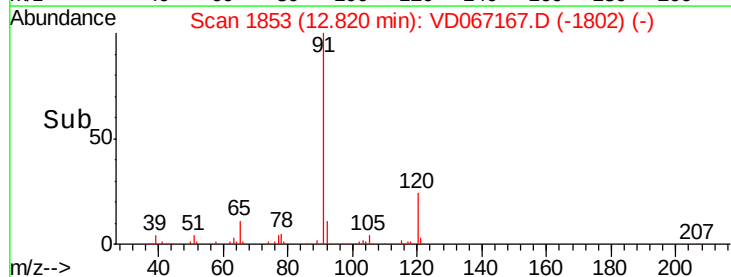
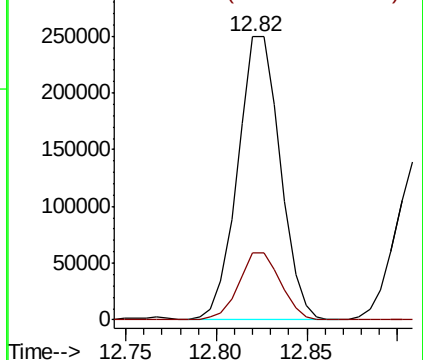
91 100

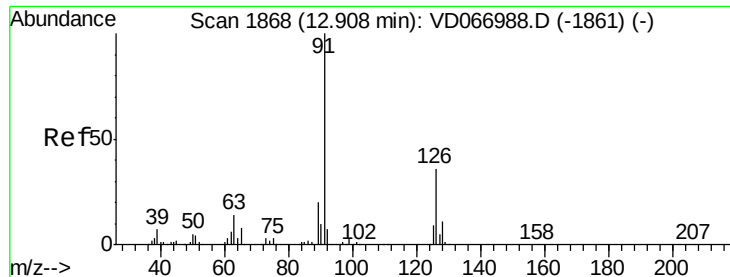
120 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.950 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

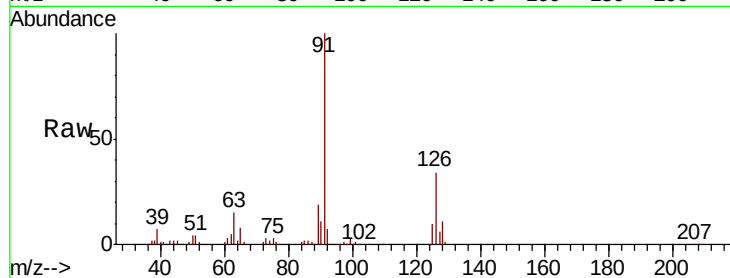
VD1007SBS02

Tot Ion: 91 Resp: 240934

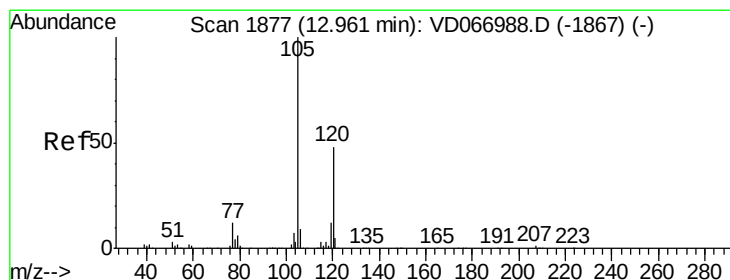
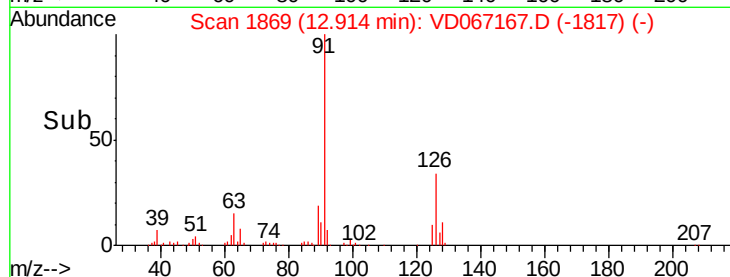
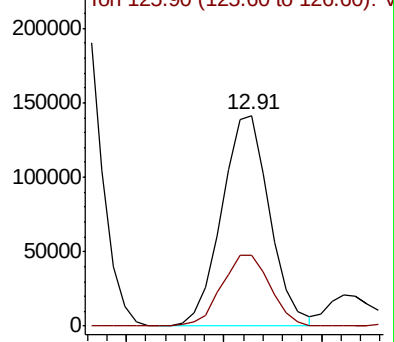
Ion Ratio Lower Upper

91 100

126 34.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066988.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.485 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067167.D

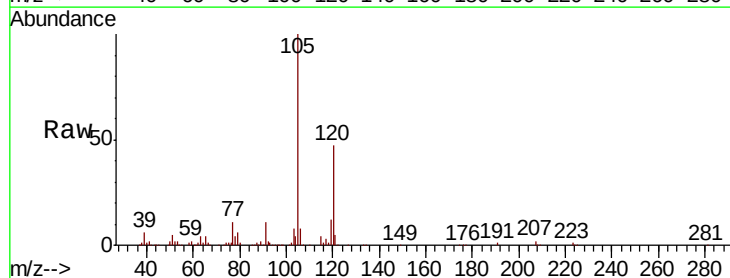
Acq: 07 Oct 2020 23:18

Tgt Ion: 105 Resp: 308746

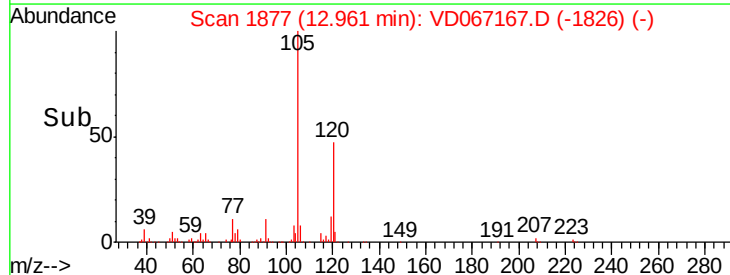
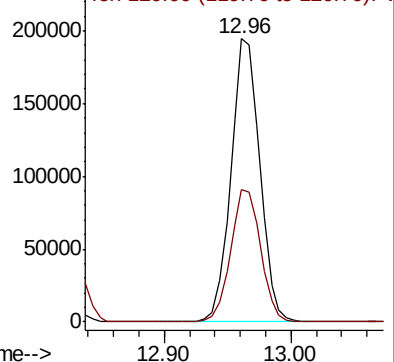
Ion Ratio Lower Upper

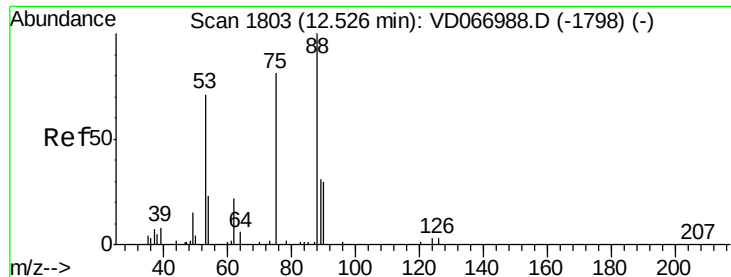
105 100

120 48.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD066988.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.026 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

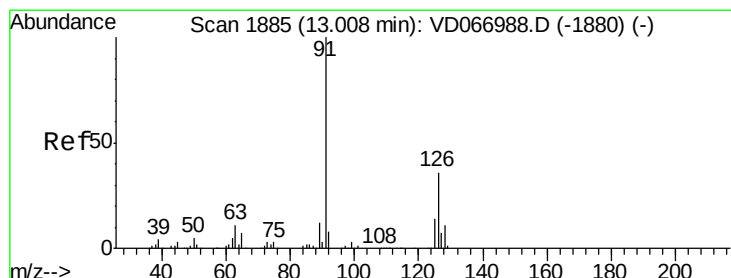
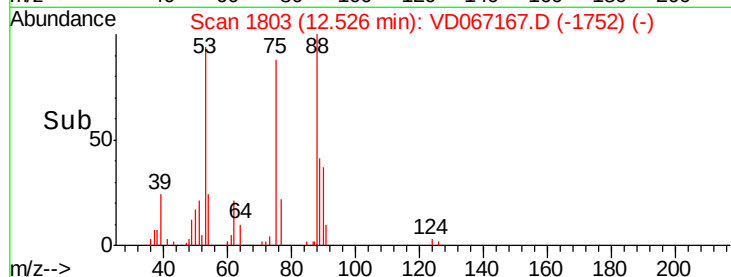
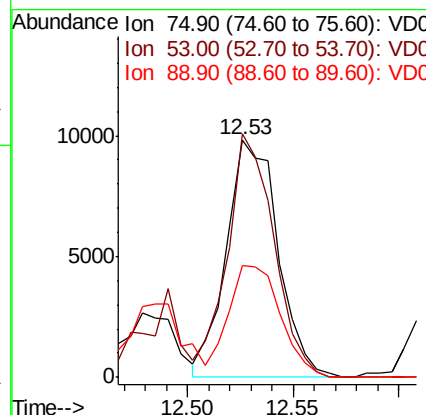
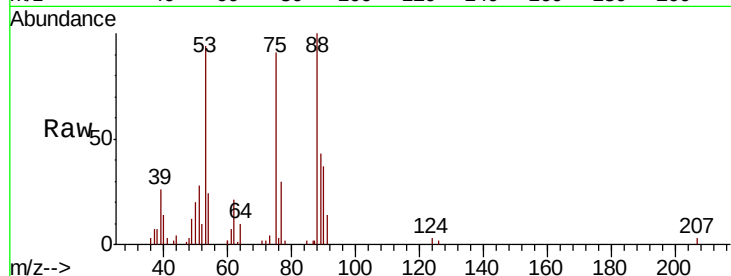
Tot Ion: 75 Resp: 16650

Ion Ratio Lower Upper

75 100

53 92.5 73.8 110.6

89 47.6 38.9 58.3



#82

4-Chlorotoluene

Concen: 20.942 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067167.D

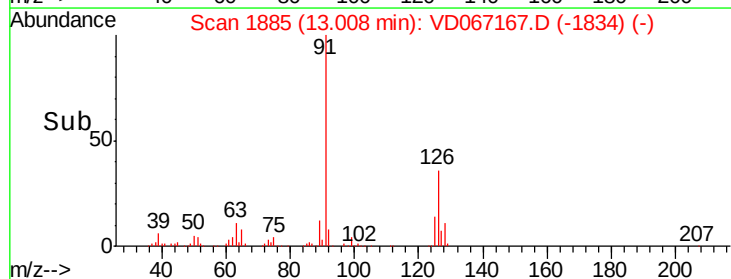
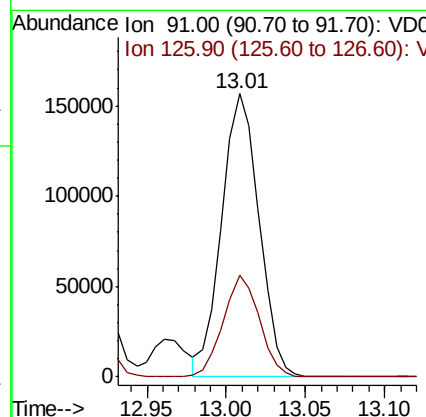
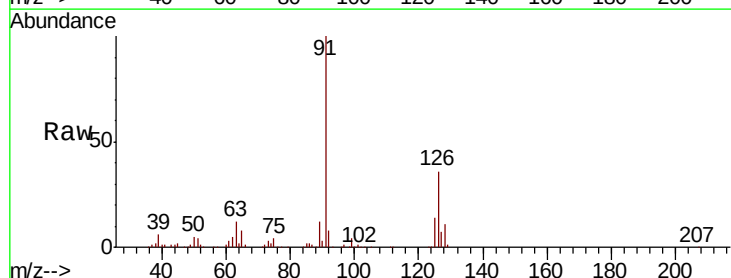
Acq: 07 Oct 2020 23:18

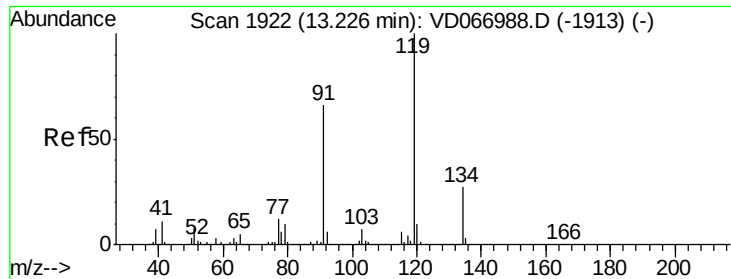
Tgt Ion: 91 Resp: 256246

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5

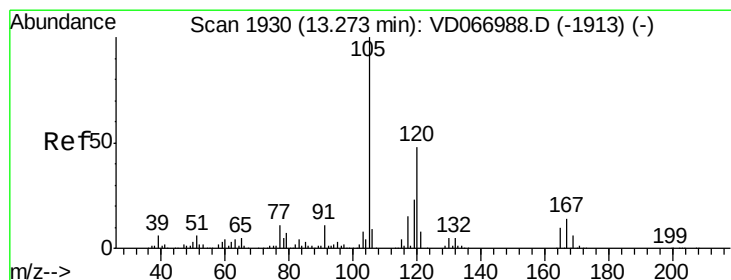
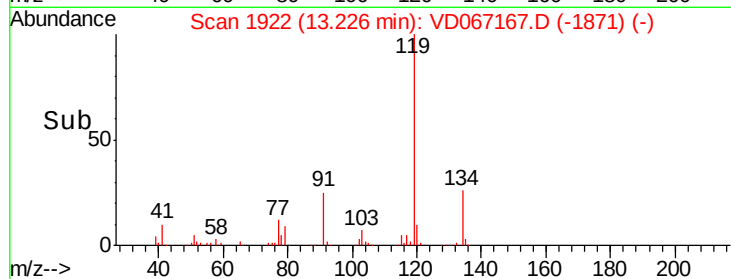
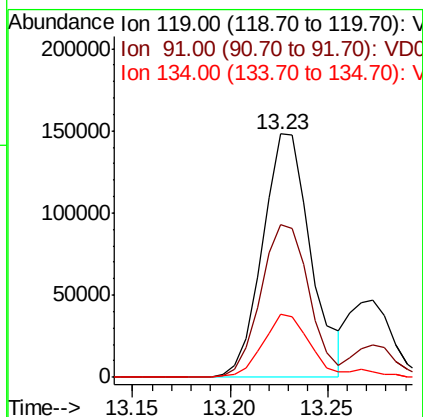
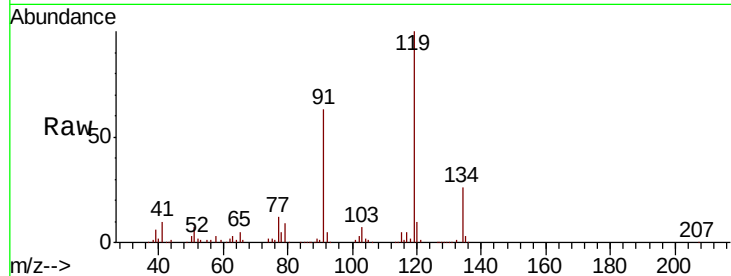




#83
 tert-Butylbenzene
 Concen: 20.985 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

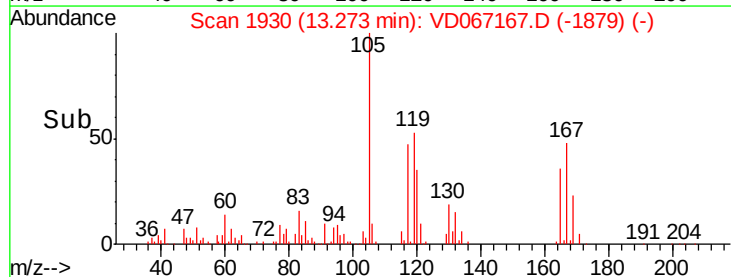
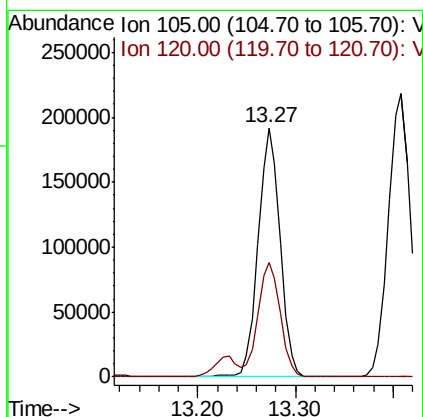
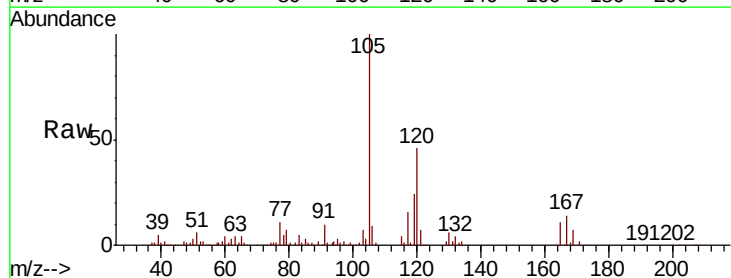
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS02

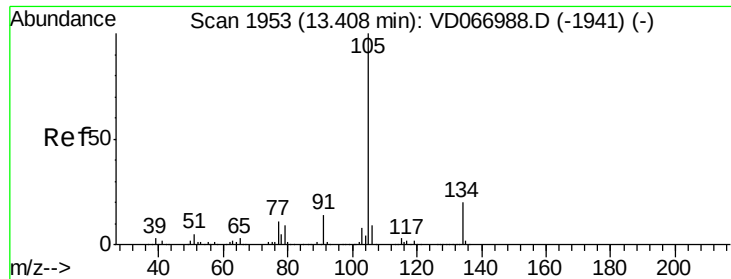
Tot Ion:119 Resp: 253941
 Ion Ratio Lower Upper
 119 100
 91 63.0 32.8 98.3
 134 27.0 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.265 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

Tgt Ion:105 Resp: 304959
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.209 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

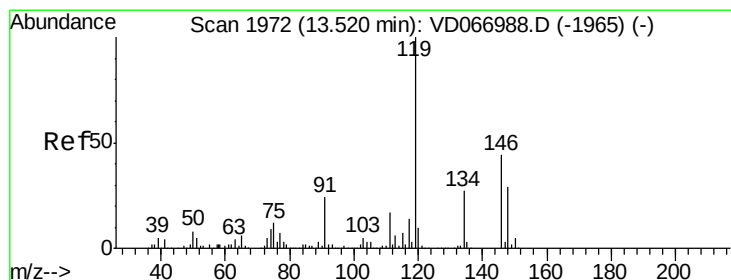
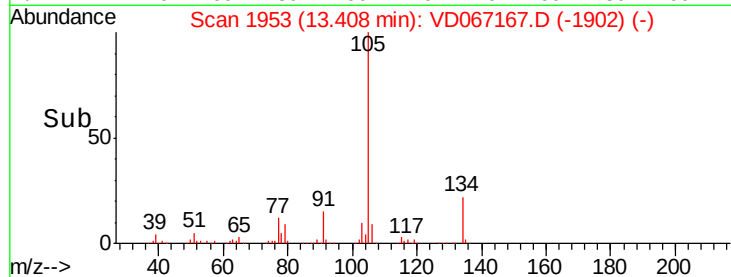
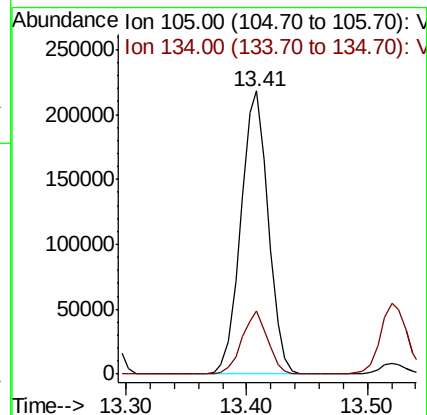
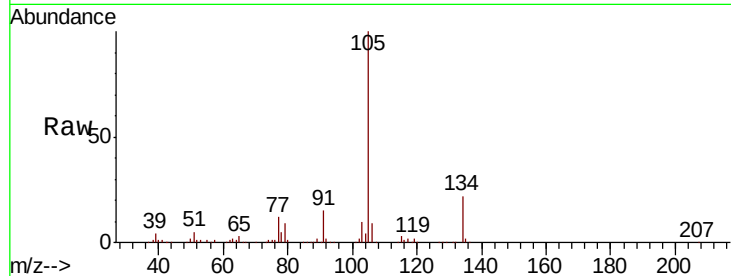
VD1007SBS02

Tot Ion:105 Resp: 344383

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.867 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

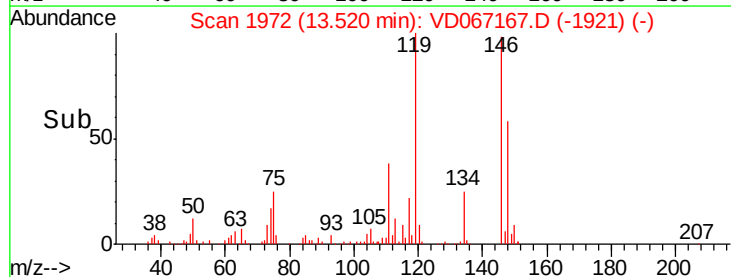
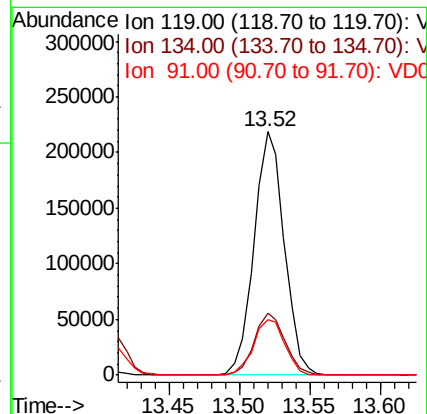
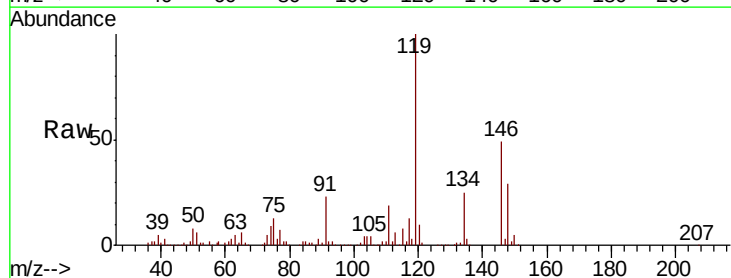
Tgt Ion:119 Resp: 329683

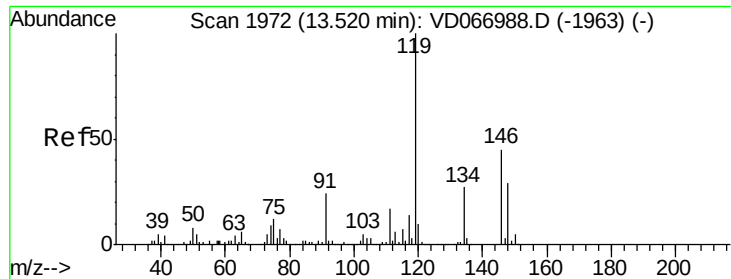
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.9 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 21.569 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

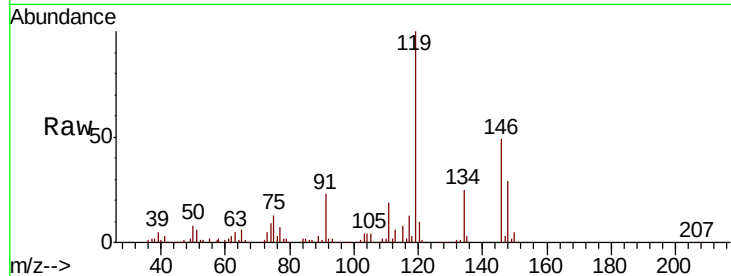
Tot Ion:146 Resp: 172540

Ion Ratio Lower Upper

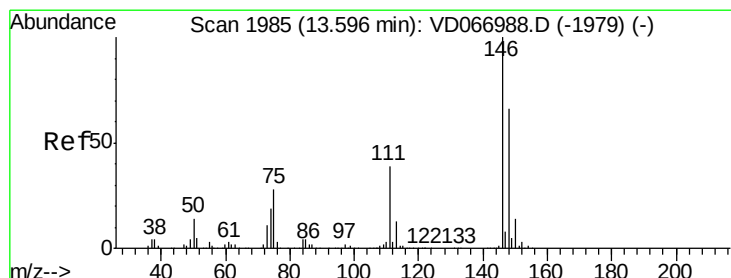
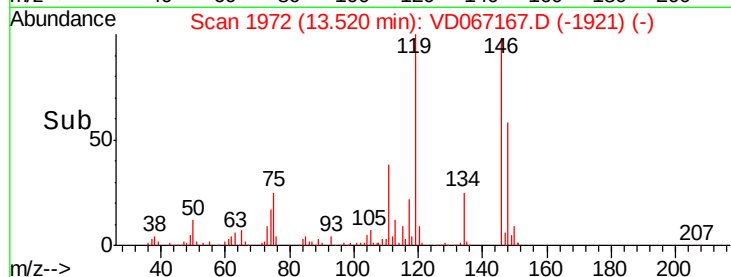
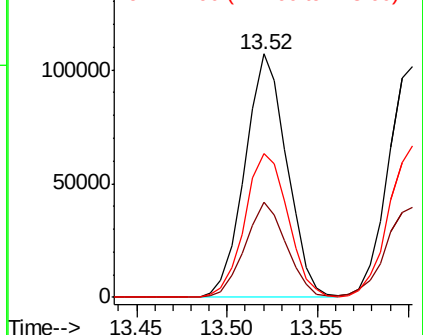
146 100

111 38.5 20.0 60.0

148 60.9 31.9 95.9



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: 21.084 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VD067167.D

Acq: 07 Oct 2020 23:18

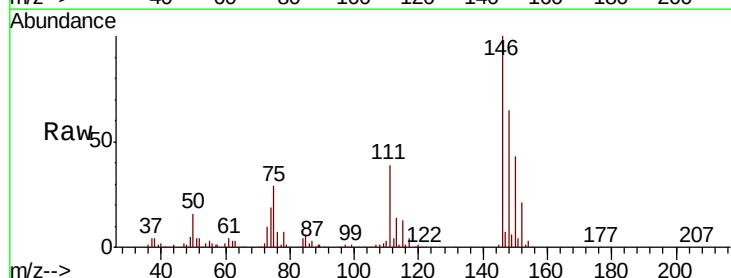
Tgt Ion:146 Resp: 168639

Ion Ratio Lower Upper

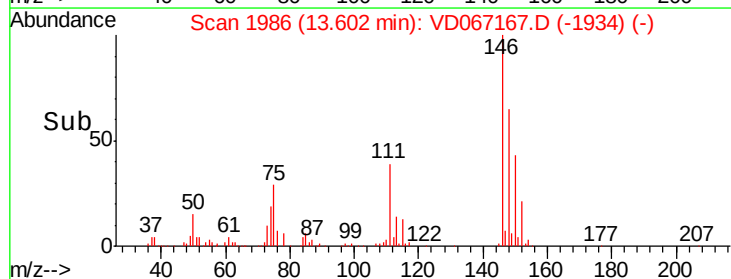
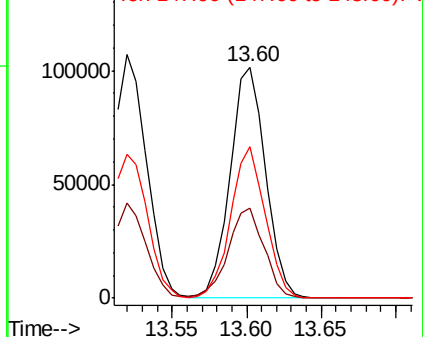
146 100

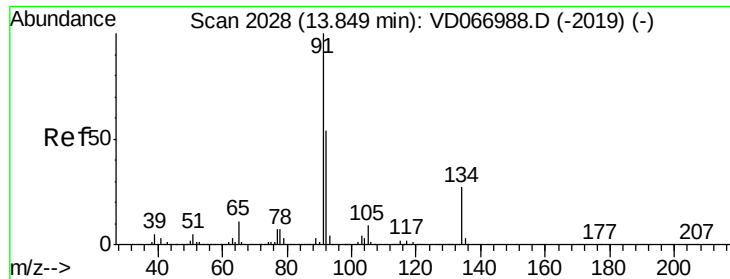
111 39.7 19.6 58.7

148 63.9 32.6 97.7



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

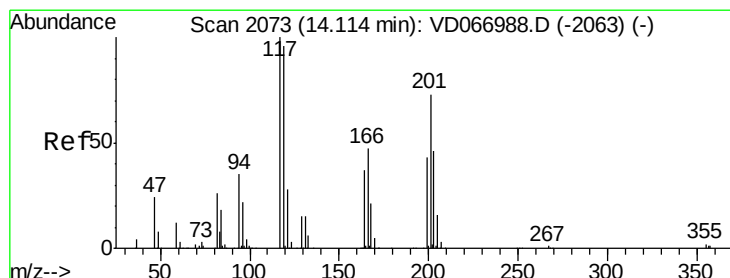
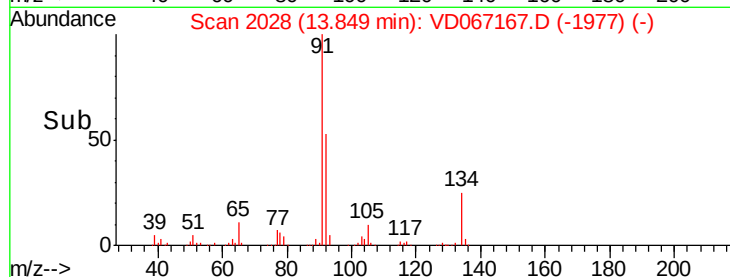
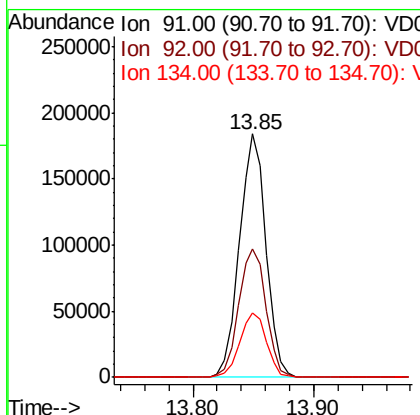
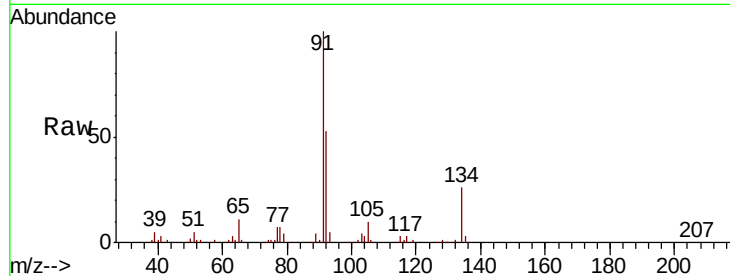




#89
n-Butylbenzene
Concen: 19.469 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

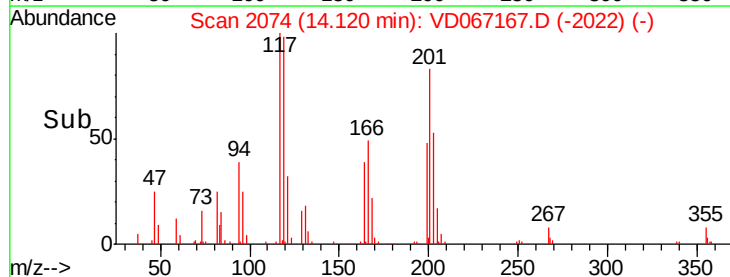
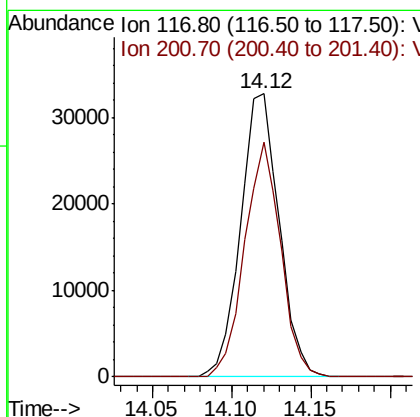
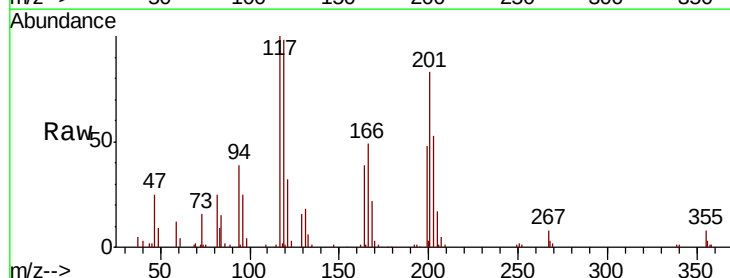
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

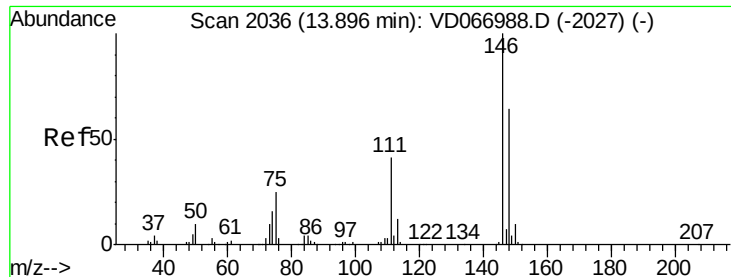
Tot Ion: 91 Resp: 281118
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.2
134 26.7 13.6 40.8



#90
Hexachloroethane
Concen: 19.991 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion: 117 Resp: 55325
Ion Ratio Lower Upper
117 100
201 77.3 37.0 110.9

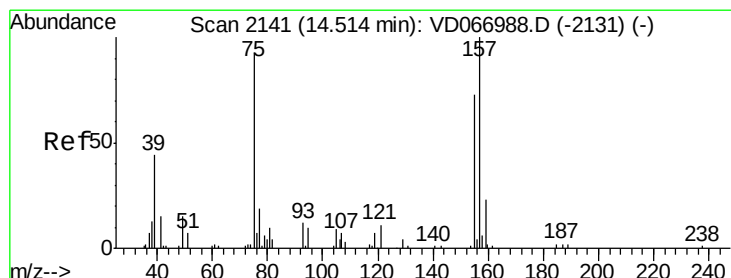
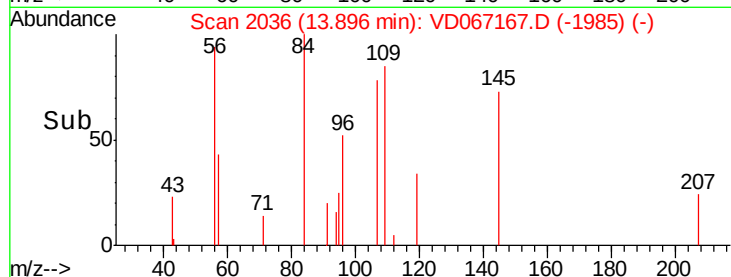
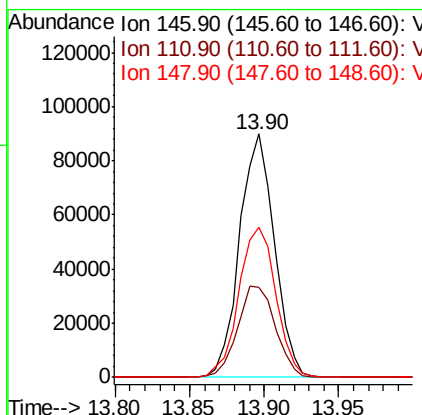
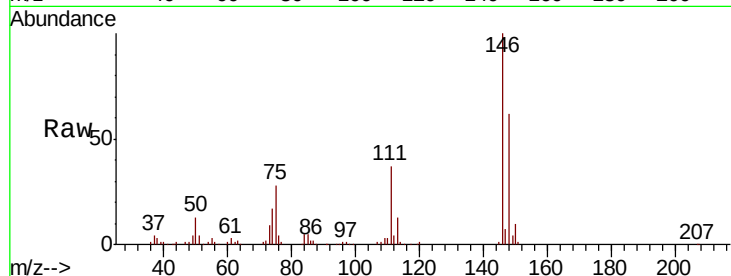




#91
 1,2-Dichlorobenzene
 Concen: 20.834 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

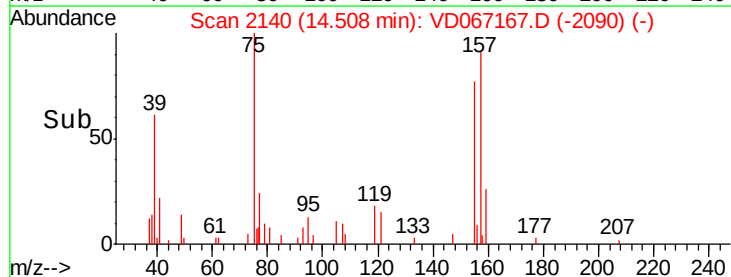
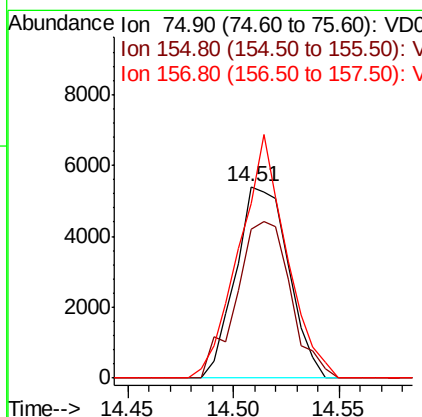
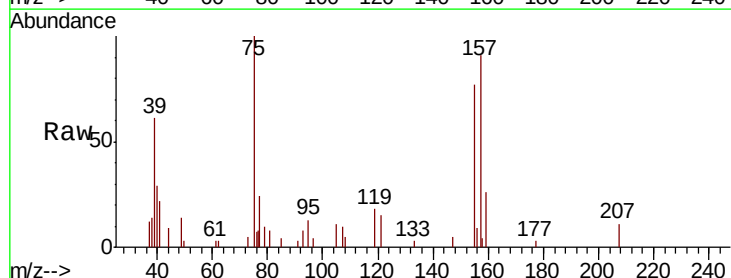
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS02

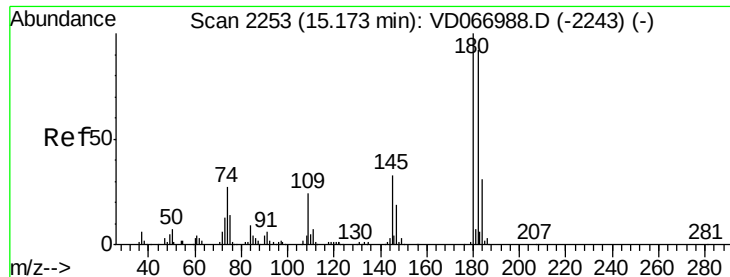
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.9	62.7
148	65.5	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.185 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	45.2	135.6
157	114.4	56.3	168.8

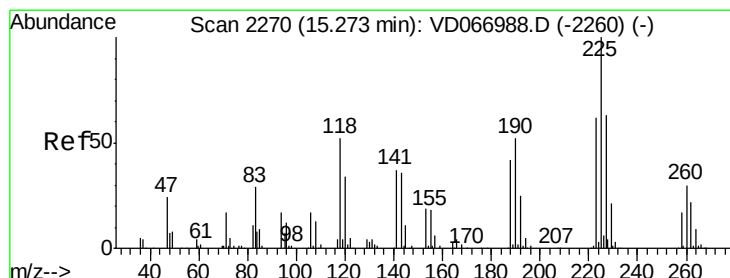
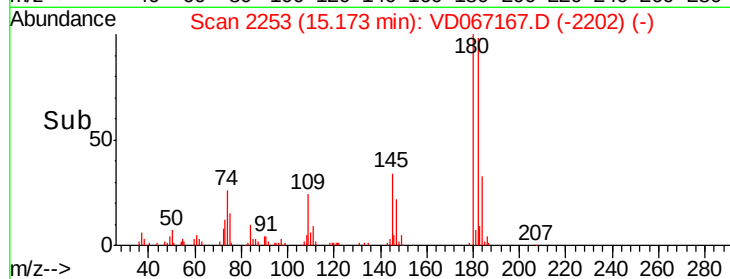
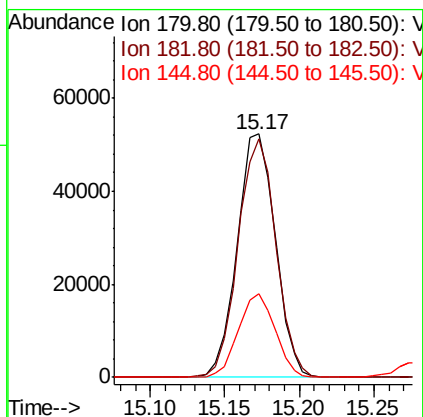
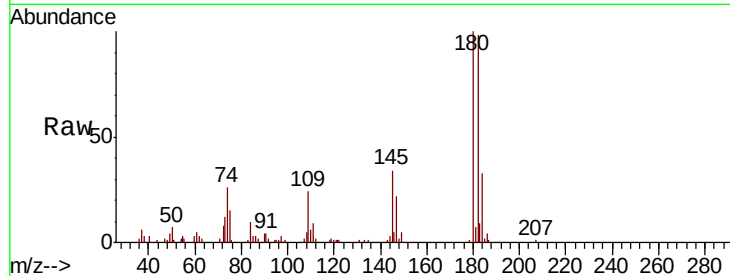




#93
 1,2,4-Trichlorobenzene
 Concen: 20.492 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

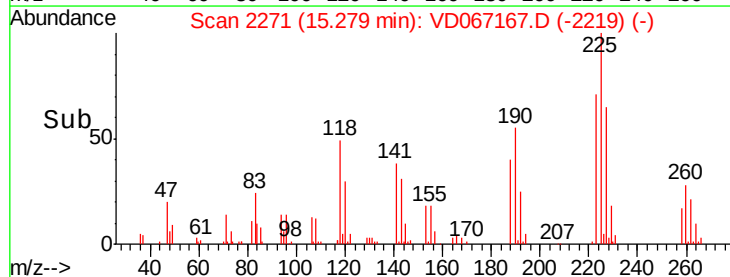
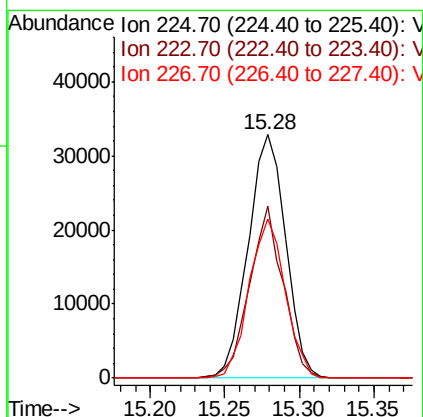
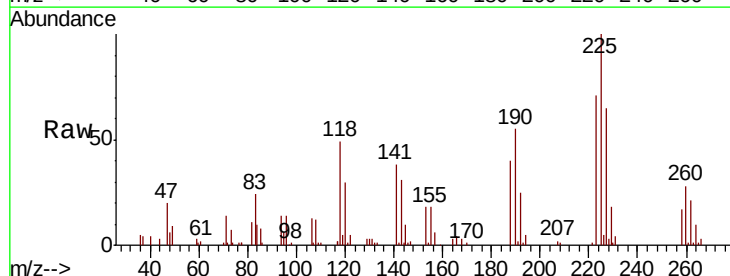
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS02

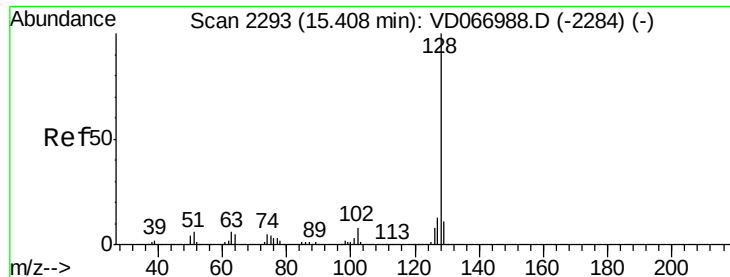
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.3	142.0
145	33.1	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 20.627 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067167.D
 Acq: 07 Oct 2020 23:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.4	97.0
227	62.7	31.6	95.0

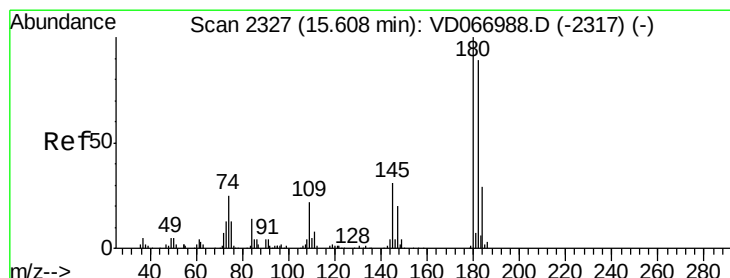
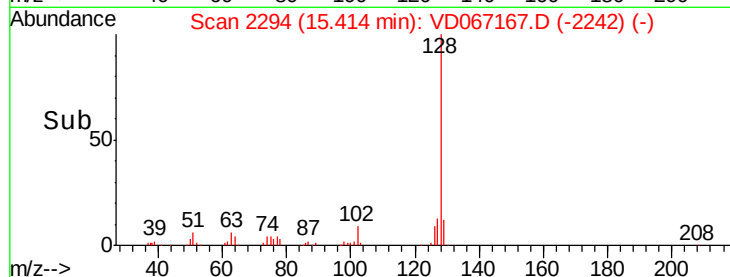
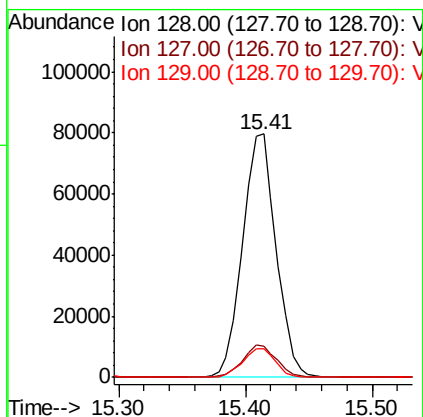
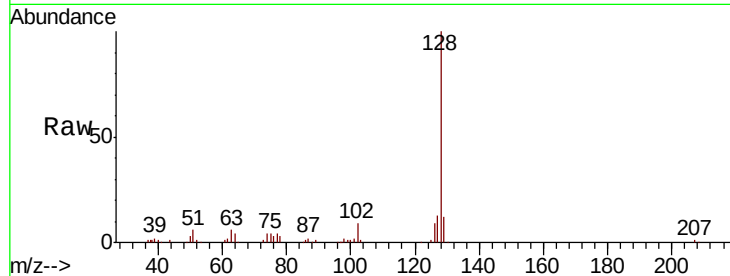




#95
Naphthalene
Concen: 19.417 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

Tot Ion:128 Resp: 146357
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.565 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067167.D
Acq: 07 Oct 2020 23:18

Tgt Ion:180 Resp: 80672
Ion Ratio Lower Upper
180 100
182 95.2 46.4 139.1
145 34.3 16.6 49.7

