

Data File : VD067761.D
Acq On : 24 Nov 2020 11:36
Operator : VA/SY
Sample : VD1124SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Quant Time: Nov 25 02:02:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	264596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	381182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	347104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	174731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	137456	53.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.86%
35) Dibromofluoromethane	7.92	113	128044	52.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.56%
50) Toluene-d8	10.34	98	482151	54.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.72%
62) 4-Bromofluorobenzene	12.64	95	167437	55.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.46%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	46243	20.083	ug/l	91
3) Chloromethane	2.21	50	27215	21.230	ug/l	95
4) Vinyl Chloride	2.35	62	32543	20.259	ug/l	97
5) Bromomethane	2.76	94	29898	21.846	ug/l	97
6) Chloroethane	2.92	64	22537	21.051	ug/l	97
7) Trichlorofluoromethane	3.27	101	103065	21.026	ug/l	99
8) Diethyl Ether	3.71	74	18658	18.853	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	48255	20.558	ug/l	100
10) Methyl Iodide	4.30	142	46205	19.232	ug/l #	96
11) Tert butyl alcohol	5.19	59	11995	56.306	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	44900	20.673	ug/l	94
13) Acrolein	3.91	56	9946	93.270	ug/l	99
14) Allyl chloride	4.71	41	43015	20.488	ug/l	99
15) Acrylonitrile	5.43	53	31306	90.823	ug/l	89
16) Acetone	4.16	43	30231	90.959	ug/l	97
17) Carbon Disulfide	4.41	76	130239	20.732	ug/l	98
18) Methyl Acetate	4.72	43	13245	19.808	ug/l #	67
19) Methyl tert-butyl Ether	5.48	73	91715	19.758	ug/l	94
20) Methylene Chloride	4.96	84	51371	15.414	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	50294	20.368	ug/l	91
22) Diisopropyl ether	6.36	45	87770	21.178	ug/l	96
23) Vinyl Acetate	6.31	43	227721	97.408	ug/l	94
24) 1,1-Dichloroethane	6.27	63	73958	21.049	ug/l	99
25) 2-Butanone	7.21	43	35809	96.014	ug/l	94
26) 2,2-Dichloropropane	7.20	77	86206	20.797	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	55360	21.033	ug/l	97
28) Bromochloromethane	7.55	49	21781	19.352	ug/l	98
29) Tetrahydrofuran	7.57	42	20700	97.619	ug/l	97
30) Chloroform	7.71	83	93012	20.243	ug/l	98
31) Cyclohexane	7.99	56	63938	20.540	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	101461	20.851	ug/l	98
36) 1,1-Dichloropropene	8.11	75	70438	21.534	ug/l	99
37) Ethyl Acetate	7.29	43	16805	19.107	ug/l #	80
38) Carbon Tetrachloride	8.10	117	98446	20.763	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	81329	21.010	ug/l	93
40) Benzene	8.36	78	184296	20.515	ug/l	98
41) Methacrylonitrile	7.56	41	23506	52.337	ug/l #	28
42) 1,2-Dichloroethane	8.43	62	61646	20.224	ug/l	99
43) Isopropyl Acetate	8.46	43	33895	19.297	ug/l	98
44) Trichloroethene	9.11	130	61765	20.744	ug/l	99
45) 1,2-Dichloropropane	9.38	63	37981	20.604	ug/l	100
46) Dibromomethane	9.48	93	26197	20.875	ug/l	95
47) Bromodichloromethane	9.67	83	74774	21.397	ug/l	94
48) Methyl methacrylate	9.46	41	15915	18.124	ug/l	95
49) 1,4-Dioxane	9.46	88	5324	391.459	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	79857	96.620	ug/l	100
52) Toluene	10.41	92	134532	22.075	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	60234	19.728	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	69020	19.975	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	34645	20.575	ug/l	95
56) Ethyl methacrylate	10.66	69	33035	18.949	ug/l	98
57) 1,3-Dichloropropane	10.95	76	54472	20.517	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	71658	87.970	ug/l	98
59) 2-Hexanone	10.98	43	54079	92.674	ug/l	100
60) Dibromochloromethane	11.14	129	51475	20.061	ug/l	98
61) 1,2-Dibromoethane	11.25	107	32766	19.749	ug/l	98
64) Tetrachloroethene	10.88	164	58709	21.792	ug/l	97
65) Chlorobenzene	11.67	112	143814	21.081	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	57876	20.973	ug/l	98
67) Ethyl Benzene	11.75	91	246873	20.962	ug/l	97
68) m/p-Xylenes	11.86	106	201068	43.871	ug/l	97
69) o-Xylene	12.18	106	87007	20.851	ug/l	98
70) Styrene	12.20	104	151669	21.339	ug/l	98
71) Bromoform	12.36	173	30272	20.207	ug/l #	100
73) Isopropylbenzene	12.48	105	249027	21.661	ug/l	99
74) N-amyl acetate	12.29	43	29604	19.527	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	30073	19.491	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	45696	37.524	ug/l #	100
77) Bromobenzene	12.76	156	60808	21.130	ug/l	98
78) n-propylbenzene	12.83	91	284018	22.205	ug/l	99
79) 2-Chlorotoluene	12.91	91	161403	21.314	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	220557	22.057	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	9553	18.348	ug/l	88
82) 4-Chlorotoluene	13.01	91	171644	21.272	ug/l	99
83) tert-Butylbenzene	13.23	119	179783	20.923	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	217681	21.792	ug/l	100
85) sec-Butylbenzene	13.40	105	246883	21.871	ug/l	99
86) p-Isopropyltoluene	13.52	119	238899	21.850	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	116247	20.871	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	116770	21.164	ug/l	97
89) n-Butylbenzene	13.85	91	195210	20.835	ug/l	99
90) Hexachloroethane	14.11	117	42248	20.299	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	100652	20.978	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6508	19.565	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112420\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	69546	20.471	ug/l	97
94) Hexachlorobutadiene	15.27	225	45656	21.034	ug/l	97
95) Naphthalene	15.40	128	104382	18.985	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	57978	20.035	ug/l	98

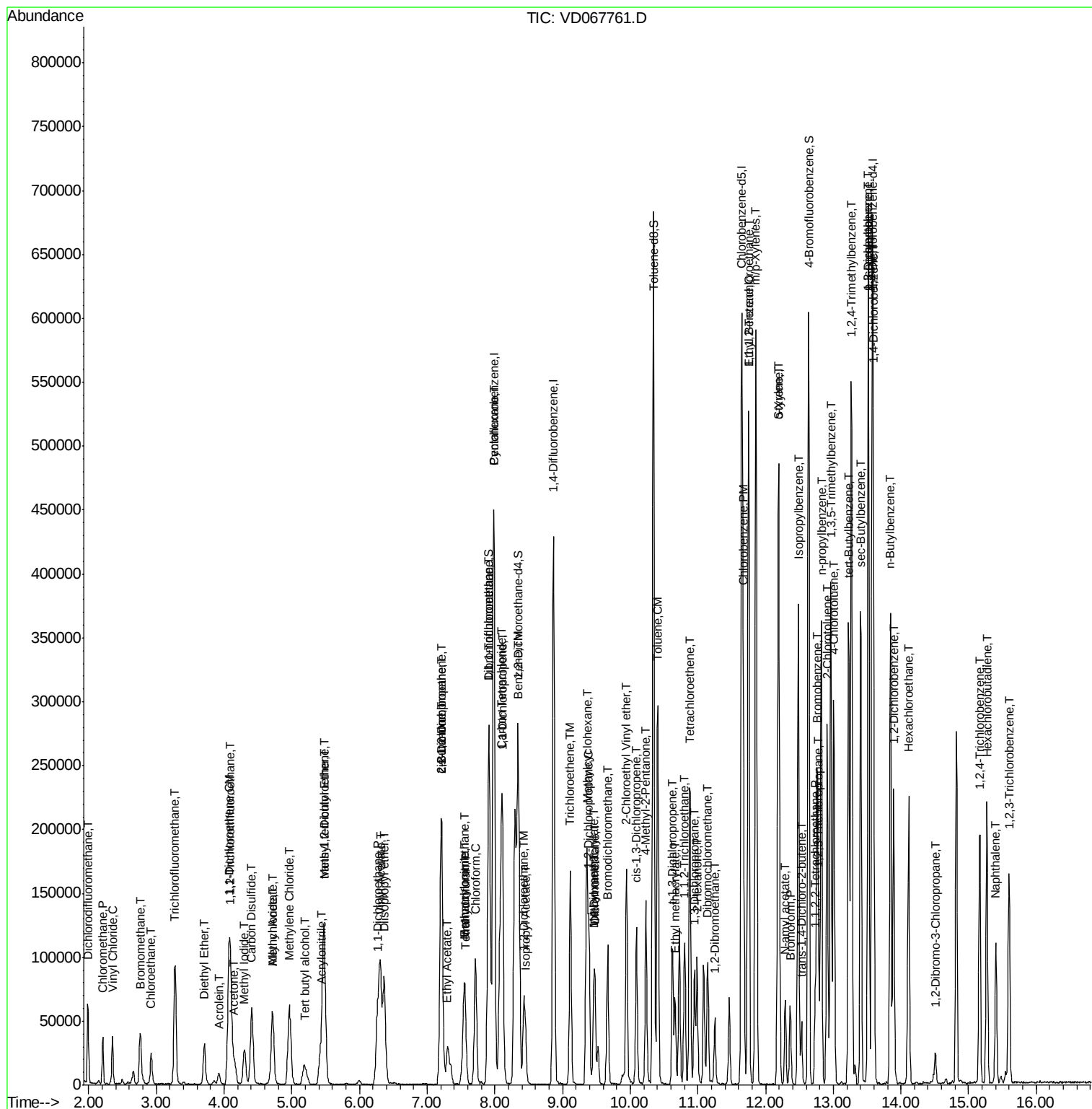
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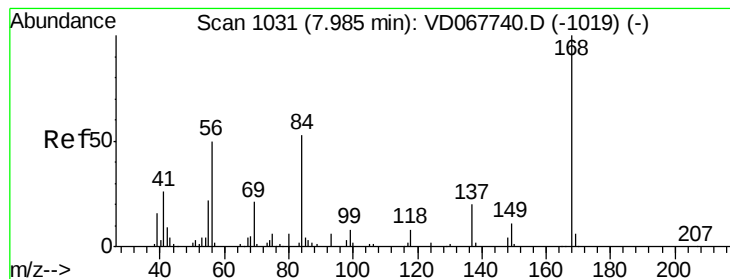
Data File : VD067761.D

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Acq On       : 24 Nov 2020   11:36
Operator    : VA/SY
Sample      : VD1124SBS01
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ALS Vial    : 4      Sample Multiplier: 1
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MSVOA_D
ClientSampleId :
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Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

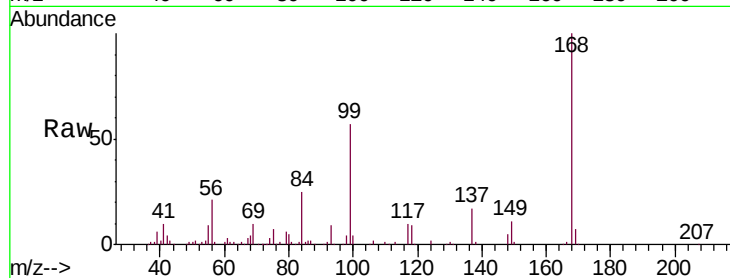
VD1124SBS01

Tgt Ion: 168 Resp: 264596

Ion Ratio Lower Upper

168 100

99 56.6 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

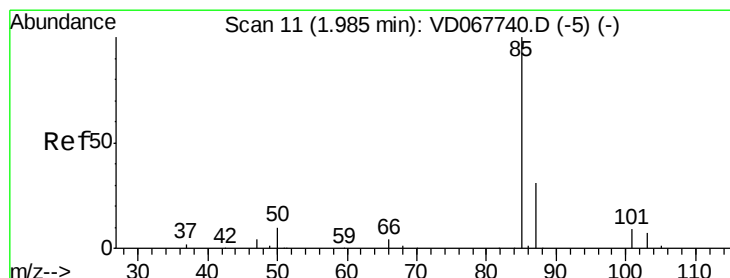
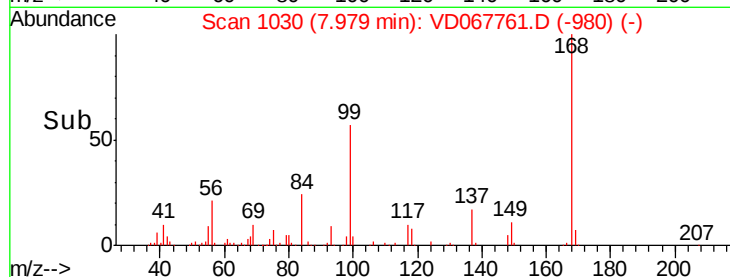
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.083 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067761.D

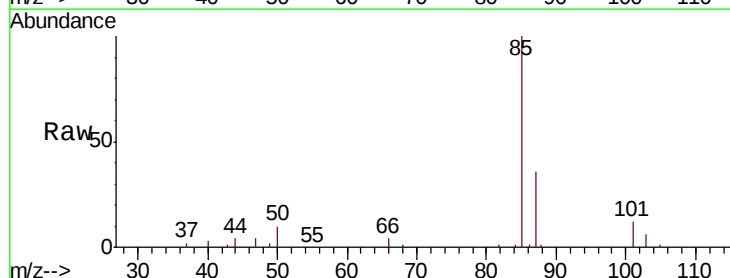
Acq: 24 Nov 2020 11:36

Tgt Ion: 85 Resp: 46243

Ion Ratio Lower Upper

85 100

87 36.1 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

40000

30000

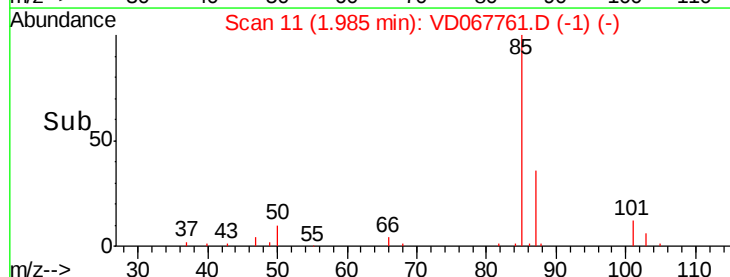
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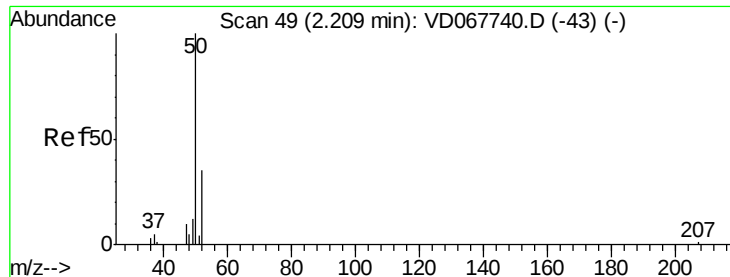
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Time-->

1.95 2.00 2.05





#3

Chloromethane

Concen: 21.230 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

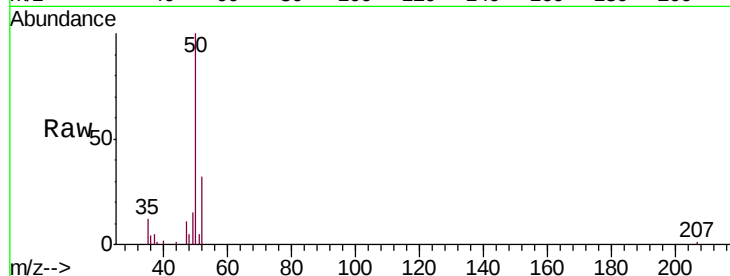
VD1124SBS01

Tgt Ion: 50 Resp: 27215

Ion Ratio Lower Upper

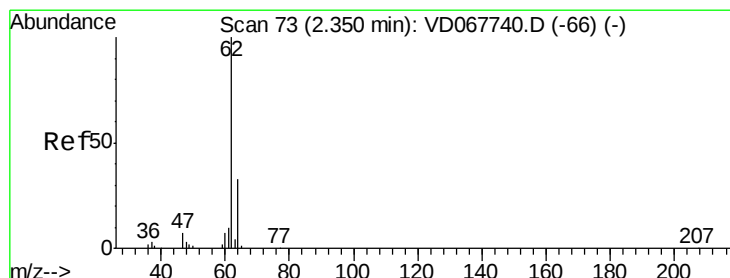
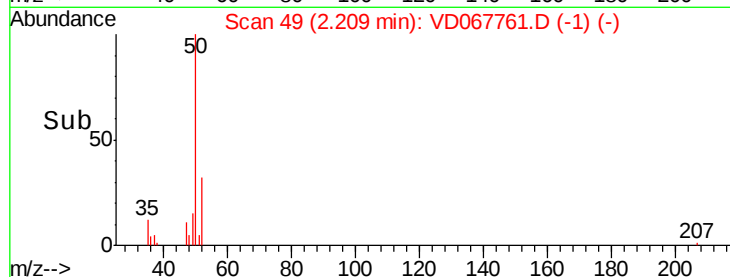
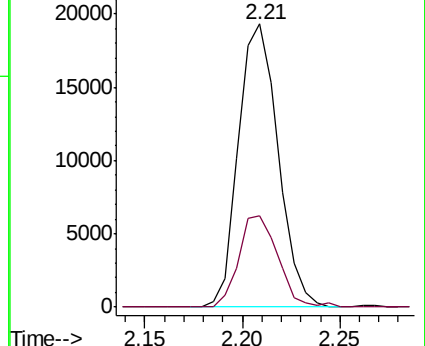
50 100

52 32.2 27.8 41.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.259 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067761.D

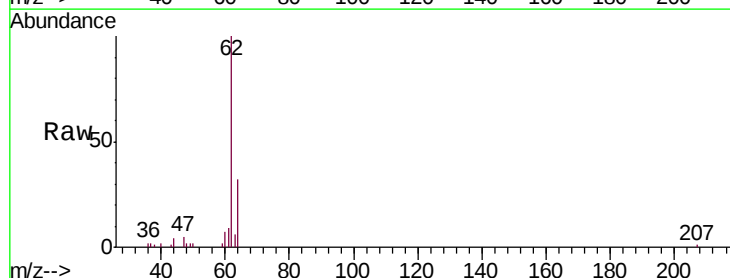
Acq: 24 Nov 2020 11:36

Tgt Ion: 62 Resp: 32543

Ion Ratio Lower Upper

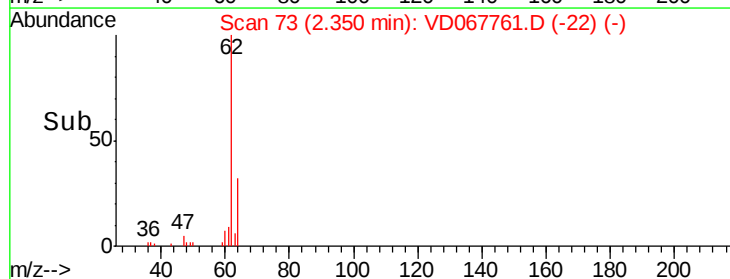
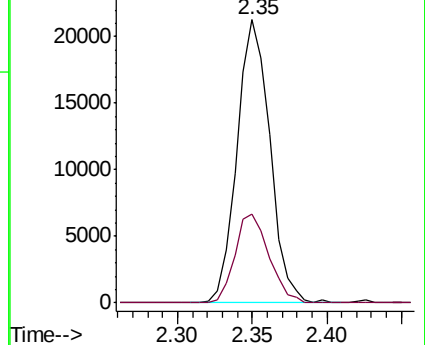
62 100

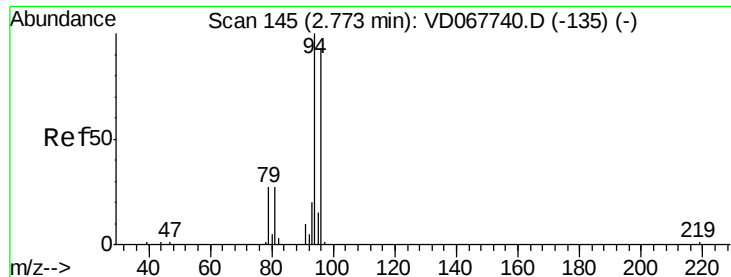
64 31.6 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.846 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

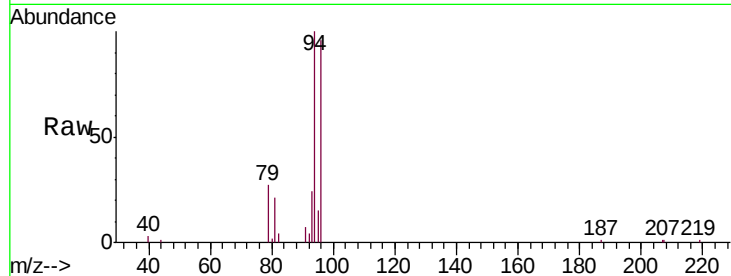
VD1124SBS01

Tgt Ion: 94 Resp: 29898

Ion Ratio Lower Upper

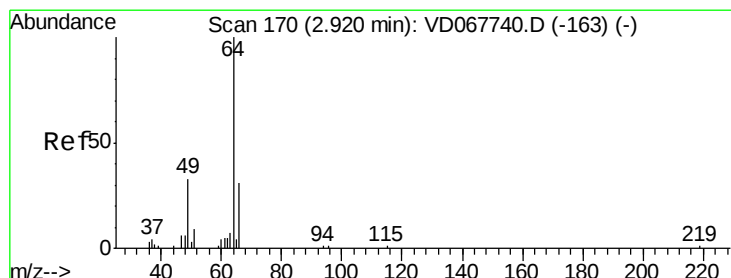
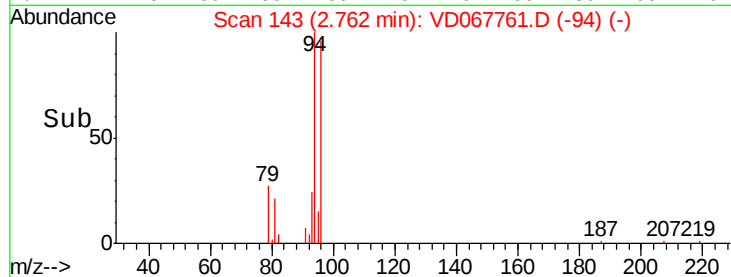
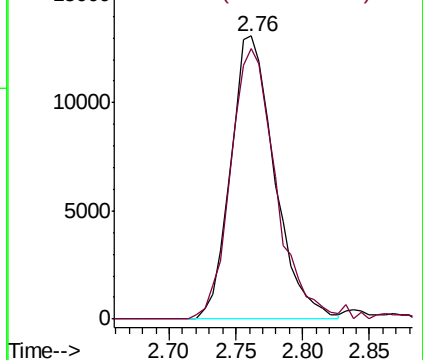
94 100

96 95.8 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.051 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067761.D

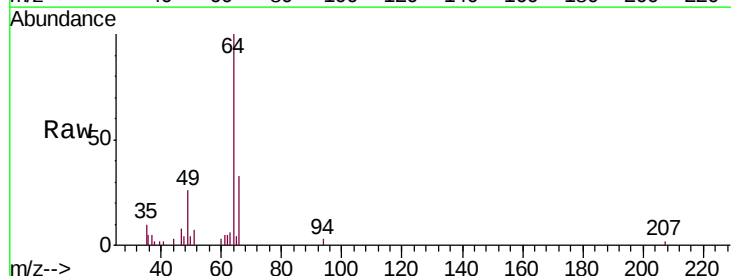
Acq: 24 Nov 2020 11:36

Tgt Ion: 64 Resp: 22537

Ion Ratio Lower Upper

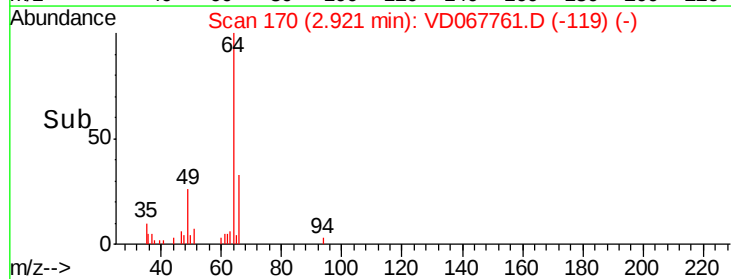
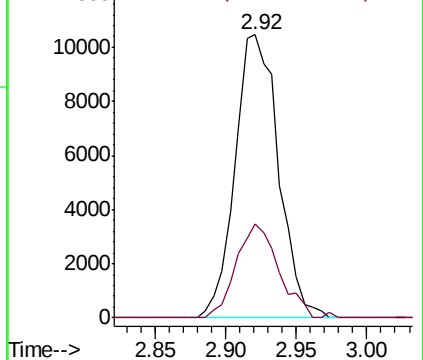
64 100

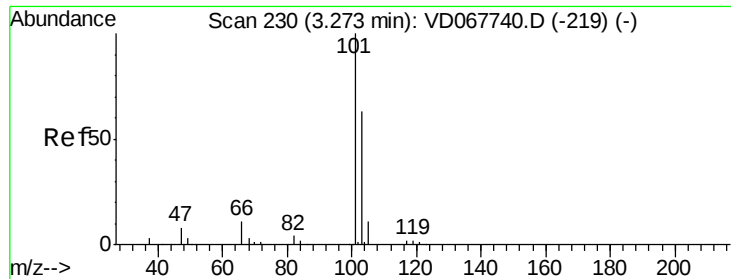
66 33.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



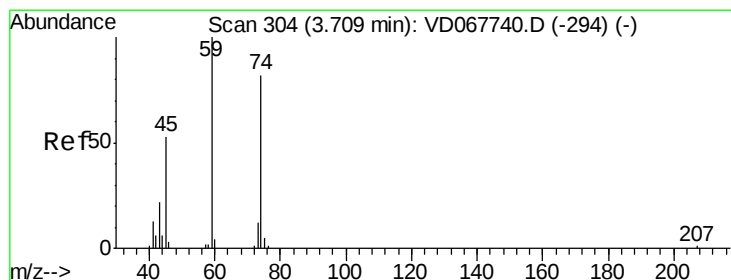
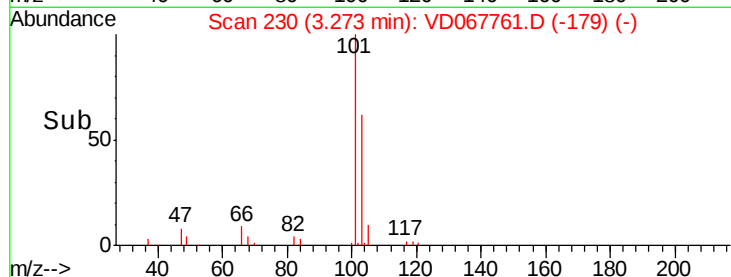
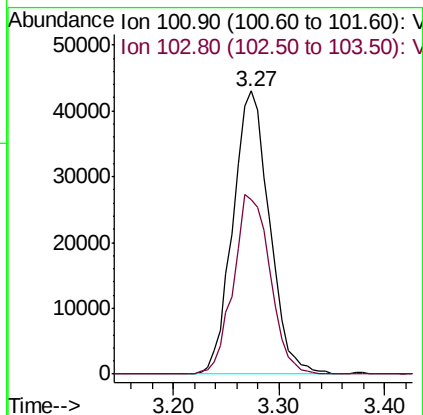
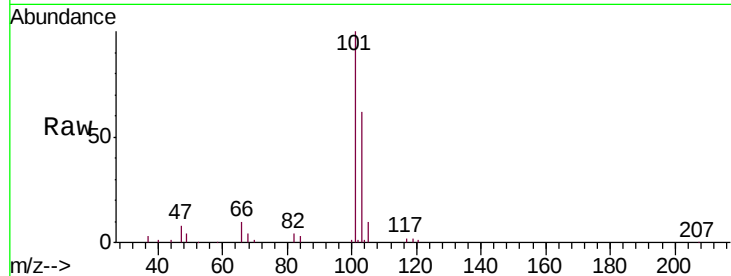


#7

Trichlorofluoromethane
 Concen: 21.026 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

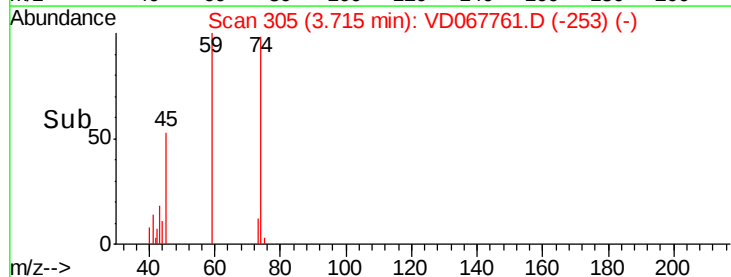
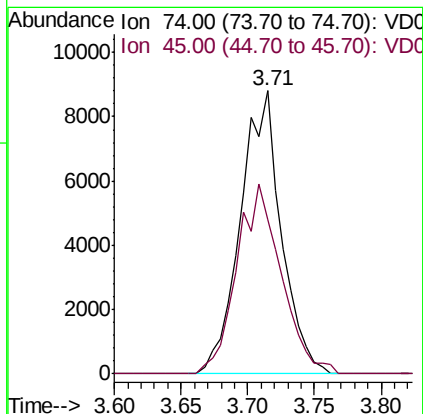
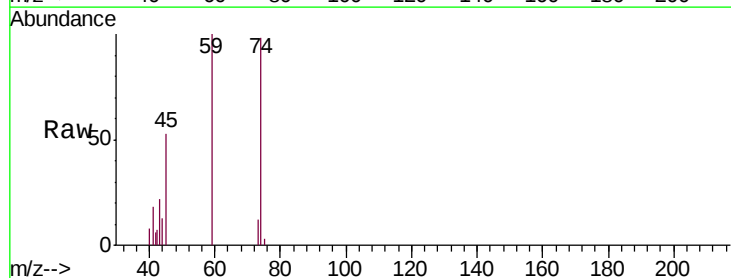
Tgt Ion:101 Resp: 103065
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.3 75.5

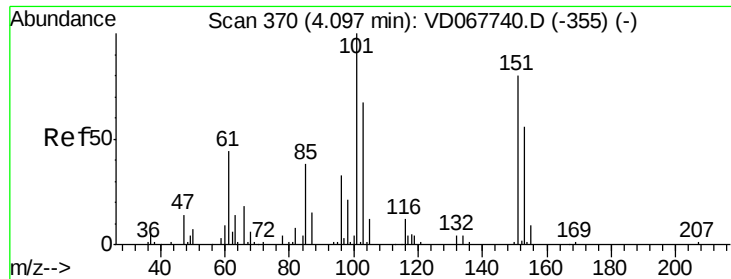


#8

Diethyl Ether
 Concen: 18.853 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 74 Resp: 18658
 Ion Ratio Lower Upper
 74 100
 45 73.0 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.558 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

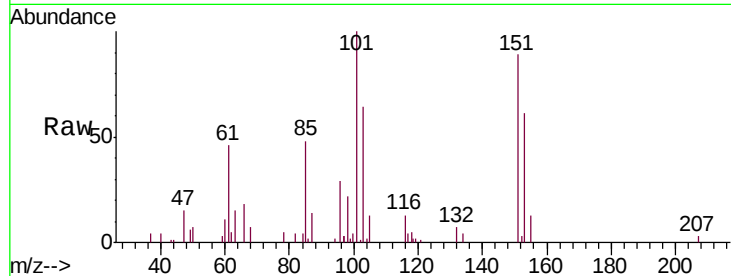
Tgt Ion:101 Resp: 48255

Ion Ratio Lower Upper

101 100

85 43.9 35.5 53.3

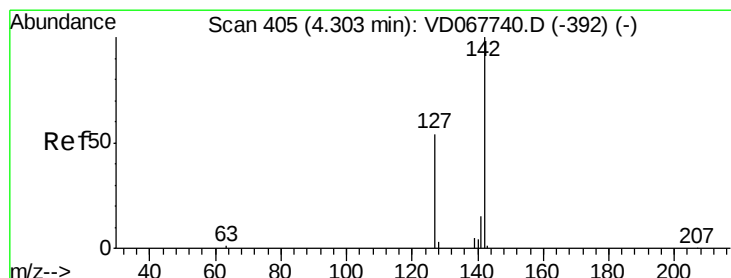
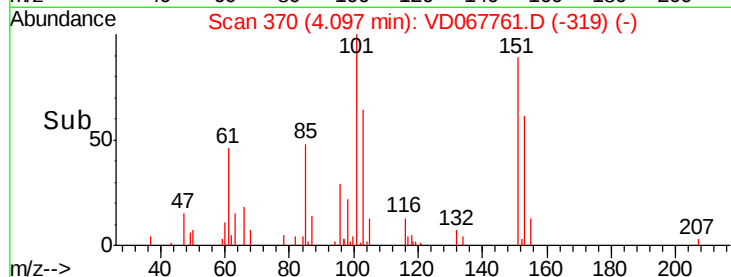
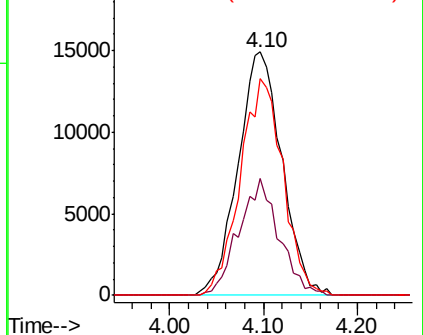
151 86.4 69.4 104.0



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: 19.232 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

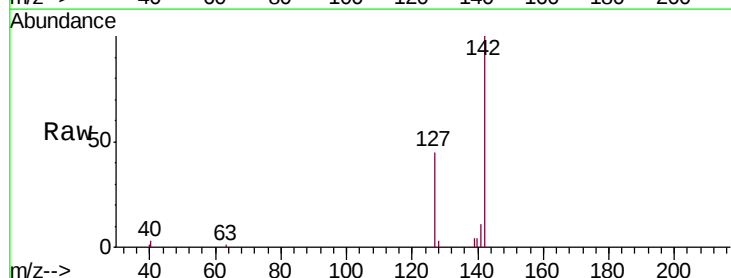
Tgt Ion:142 Resp: 46205

Ion Ratio Lower Upper

142 100

127 52.2 42.2 63.2

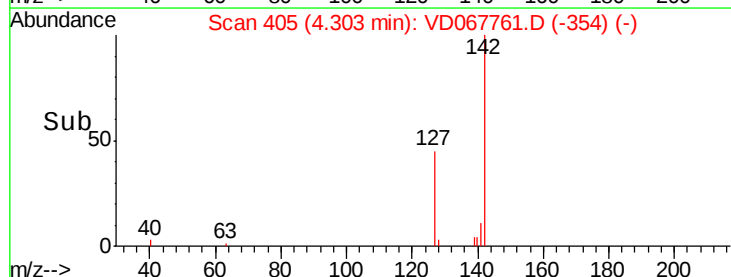
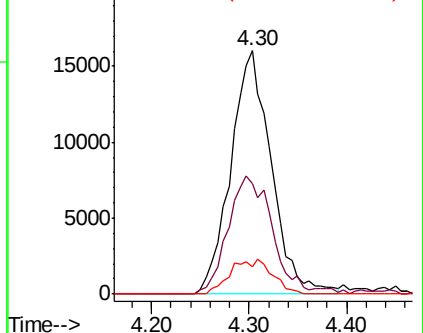
141 8.3 11.8 17.6#

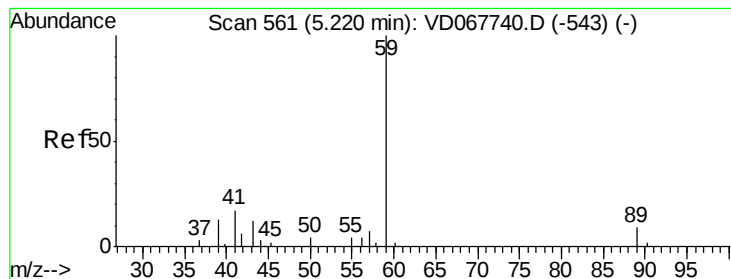


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



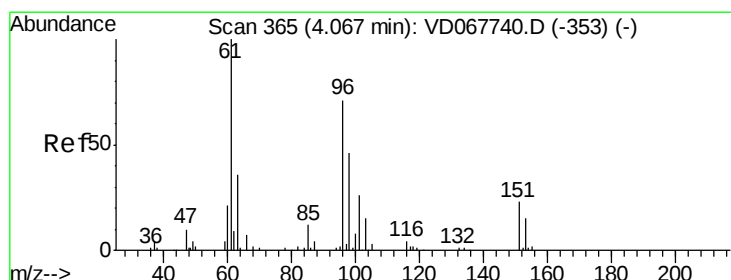
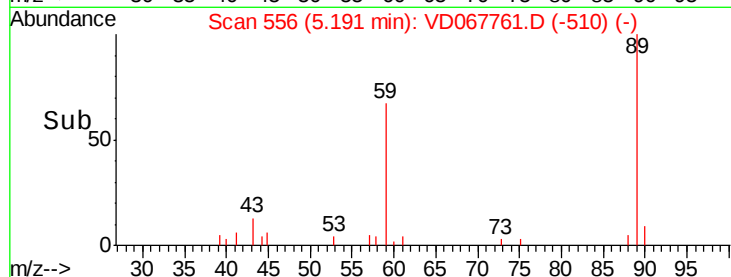
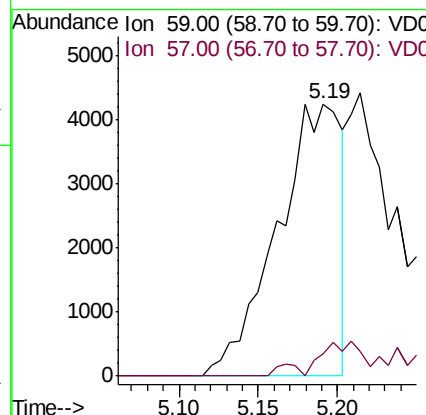
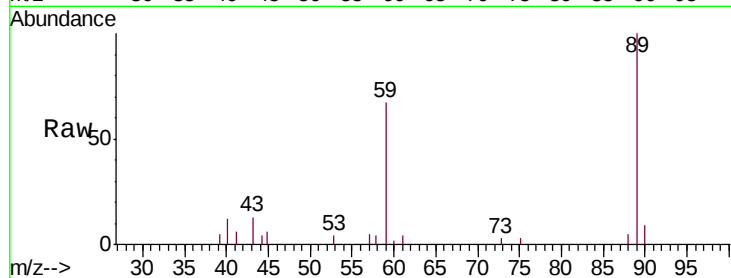


#11

Tert butyl alcohol
 Concen: 56.306 ug/l
 RT: 5.19 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

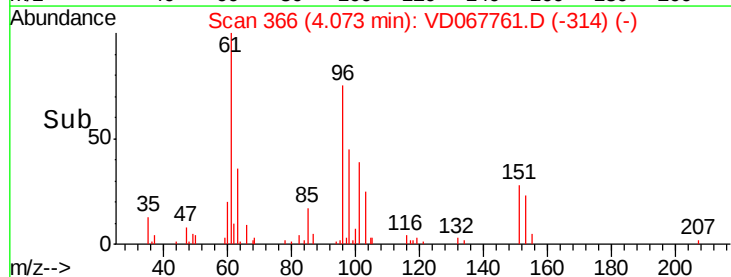
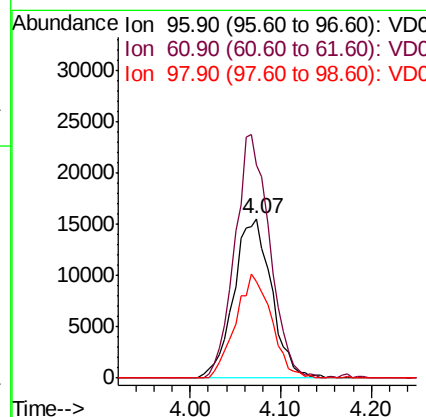
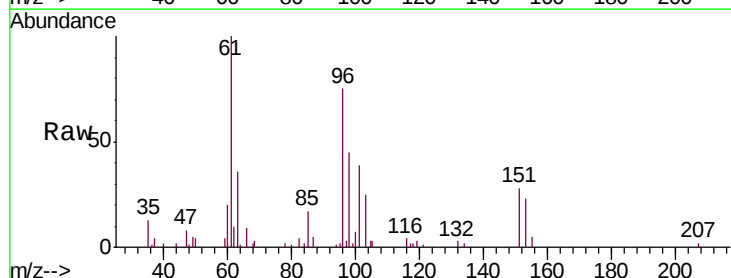
Tgt Ion: 59 Resp: 11995
 Ion Ratio Lower Upper
 59 100
 57 7.6 3.4 5.0#

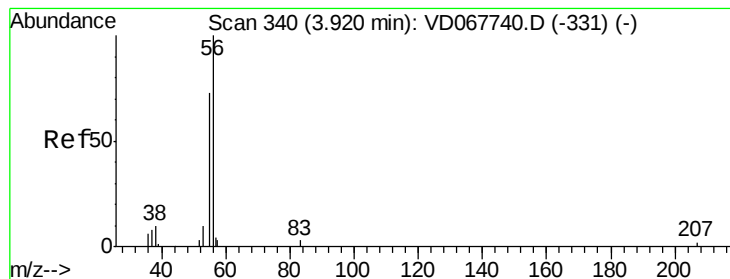


#12

1,1-Dichloroethene
 Concen: 20.673 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 96 Resp: 44900
 Ion Ratio Lower Upper
 96 100
 61 133.7 112.9 169.3
 98 60.7 52.4 78.6





#13

Acrolein

Concen: 93.270 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

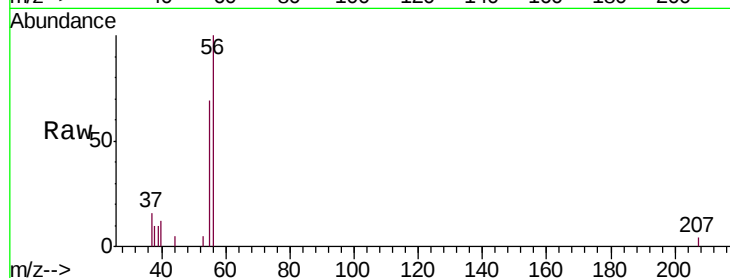
VD1124SBS01

Tgt Ion: 56 Resp: 9946

Ion Ratio Lower Upper

56 100

55 75.2 61.2 91.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.91

4000

3000

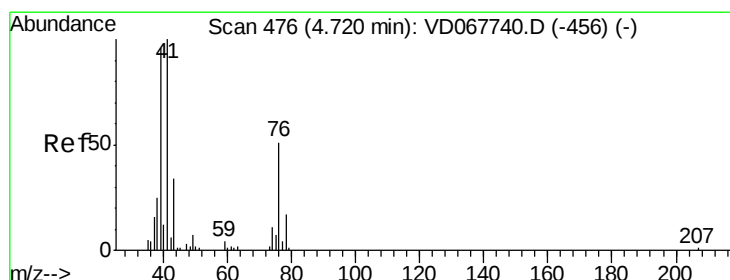
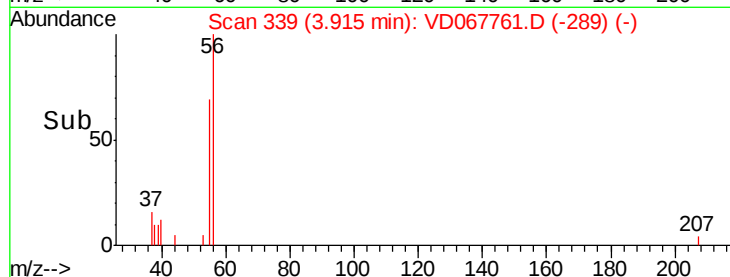
2000

1000

0

Time-->

3.85 3.90 3.95 4.00



#14

Allyl chloride

Concen: 20.488 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

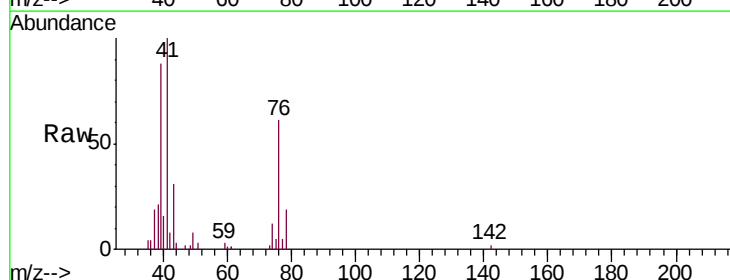
Tgt Ion: 41 Resp: 43015

Ion Ratio Lower Upper

41 100

39 94.2 74.6 111.8

76 52.8 43.3 64.9



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

15000

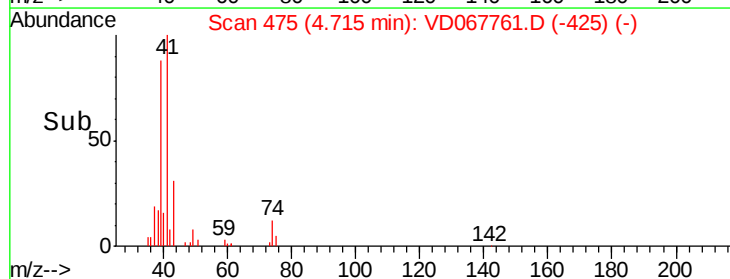
10000

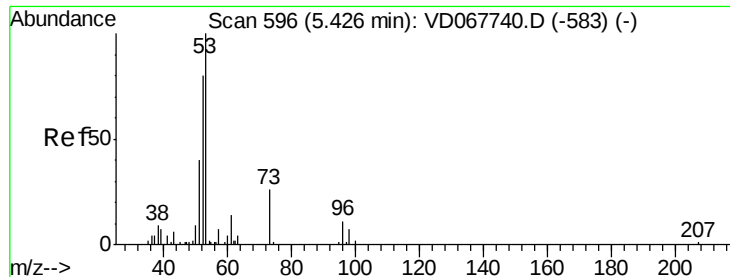
5000

0

Time-->

4.60 4.70 4.80





#15

Acrylonitrile

Concen: 90.823 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

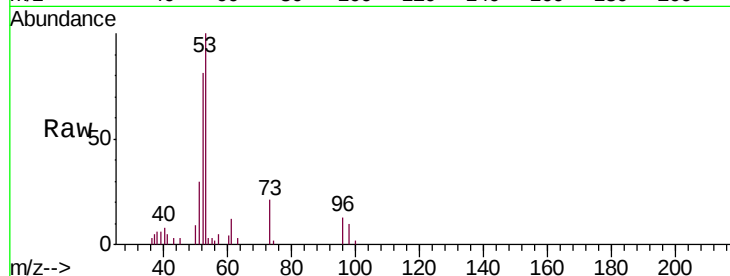
Tgt Ion: 53 Resp: 31306

Ion Ratio Lower Upper

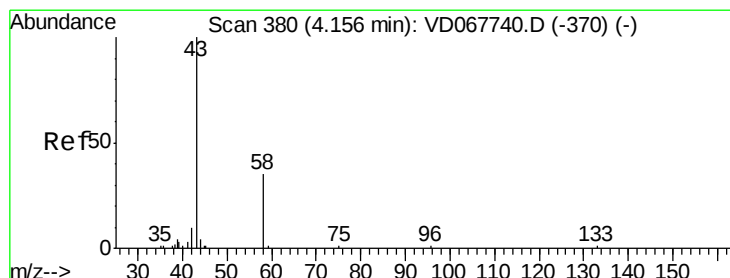
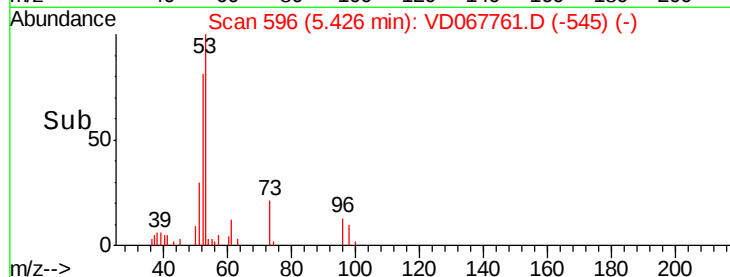
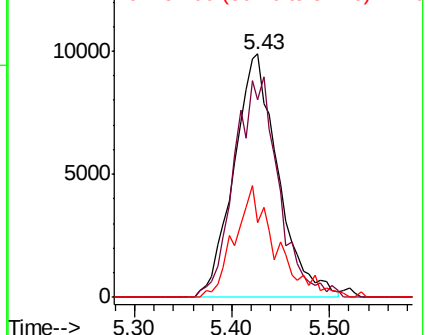
53 100

52 90.7 63.4 95.2

51 43.0 31.4 47.2



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: 90.959 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067761.D

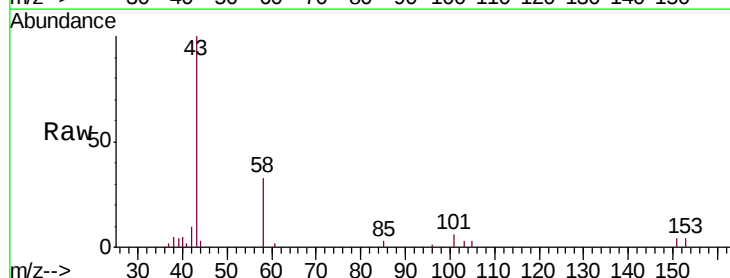
Acq: 24 Nov 2020 11:36

Tgt Ion: 43 Resp: 30231

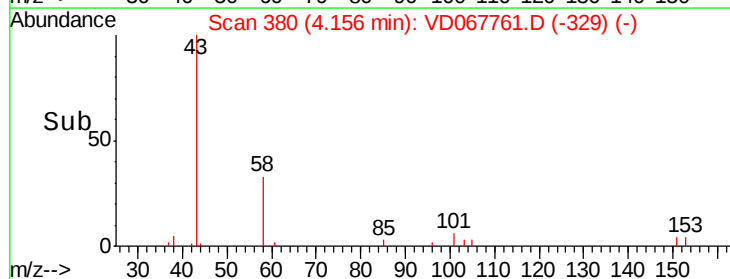
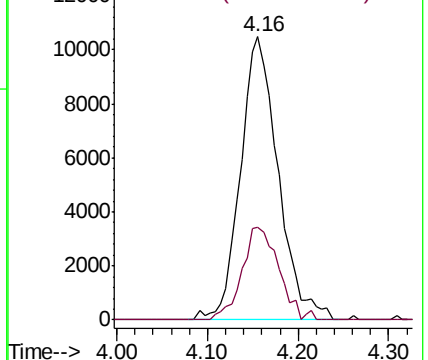
Ion Ratio Lower Upper

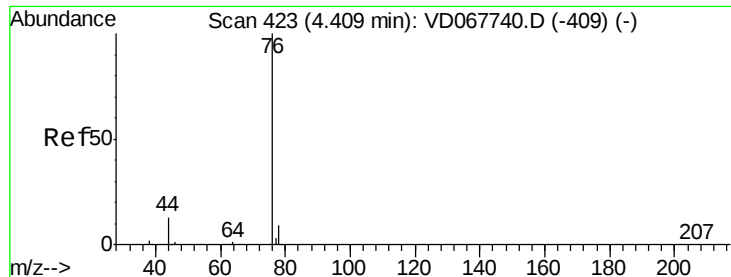
43 100

58 32.8 27.6 41.4



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





#17

Carbon Disulfide

Concen: 20.732 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

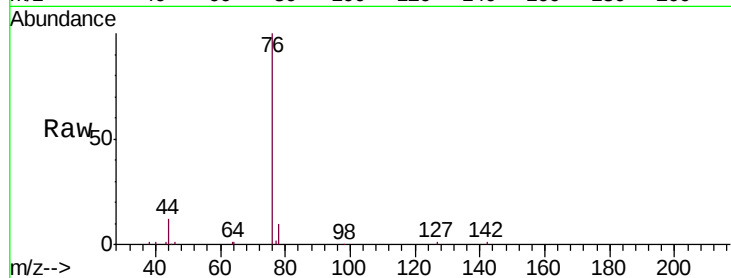
VD1124SBS01

Tgt Ion: 76 Resp: 130239

Ion Ratio Lower Upper

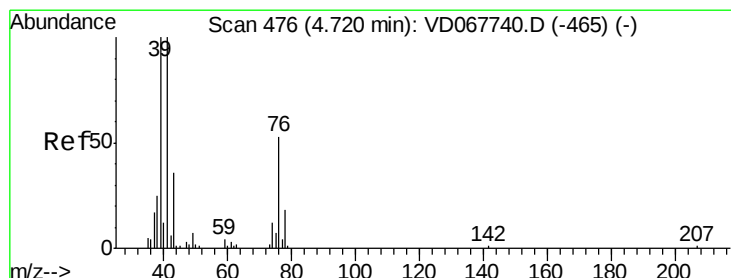
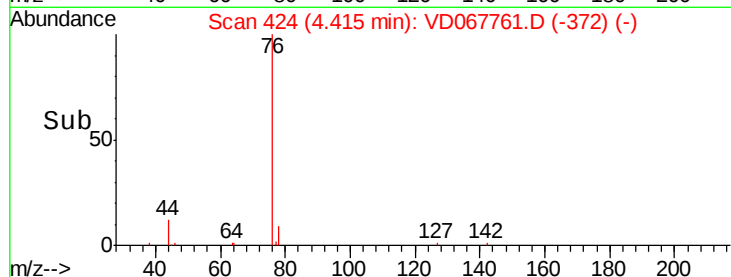
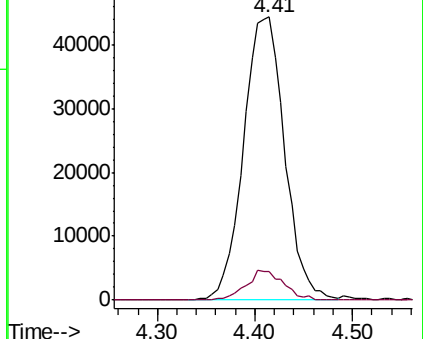
76 100

78 10.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 19.808 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067761.D

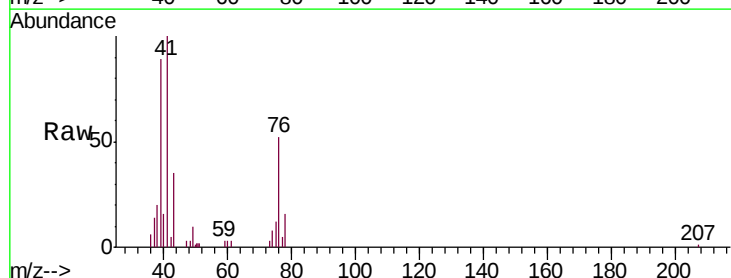
Acq: 24 Nov 2020 11:36

Tgt Ion: 43 Resp: 13245

Ion Ratio Lower Upper

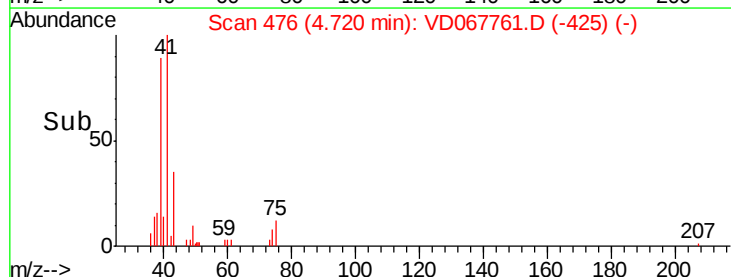
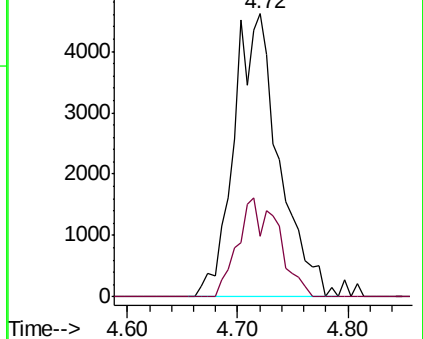
43 100

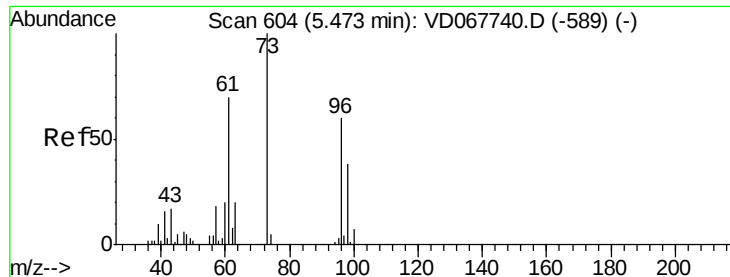
74 17.4 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

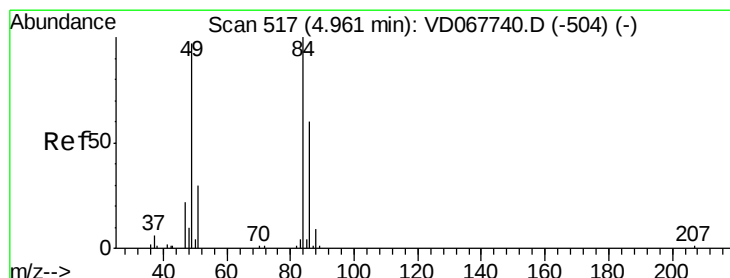
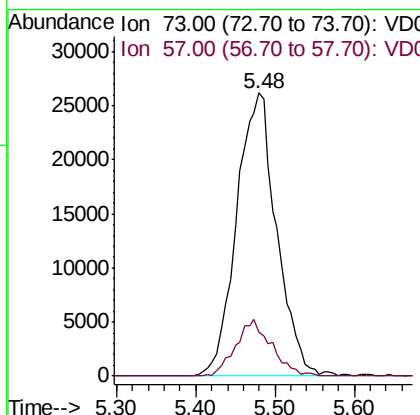
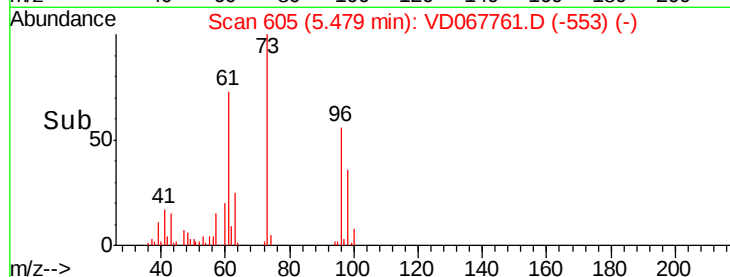
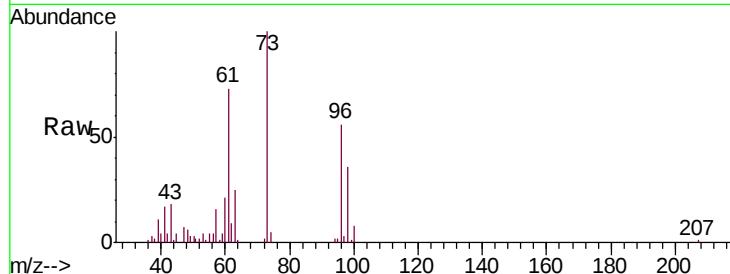




#19
Methyl tert-butyl Ether
Concen: 19.758 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

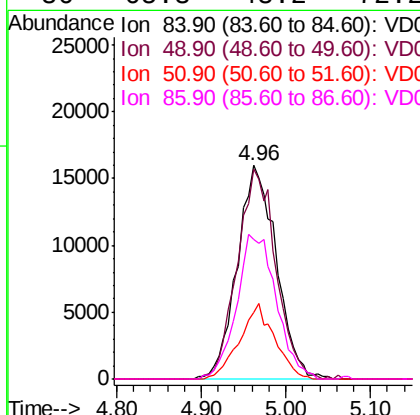
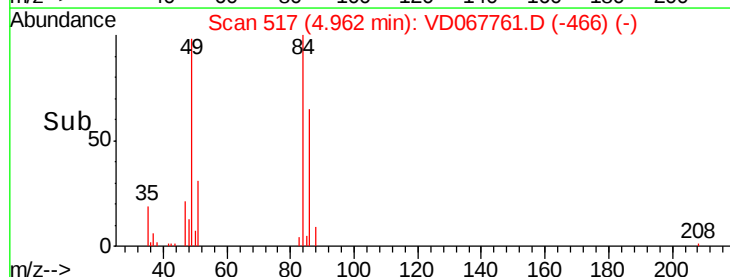
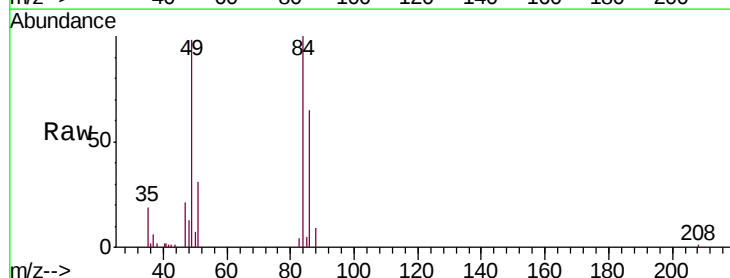
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

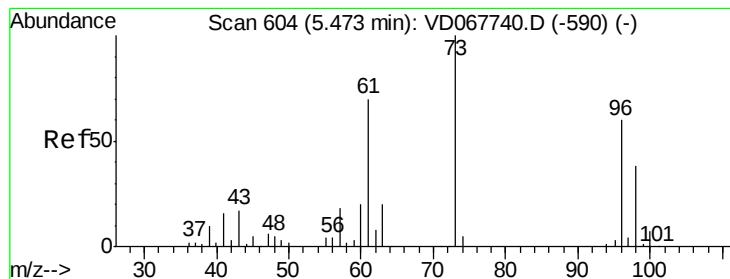
Tgt Ion: 73 Resp: 91715
Ion Ratio Lower Upper
73 100
57 15.7 14.8 22.2



#20
Methylene Chloride
Concen: 15.414 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 84 Resp: 51371
Ion Ratio Lower Upper
84 100
49 98.1 77.4 116.2
51 30.9 24.1 36.1
86 65.3 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 20.368 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

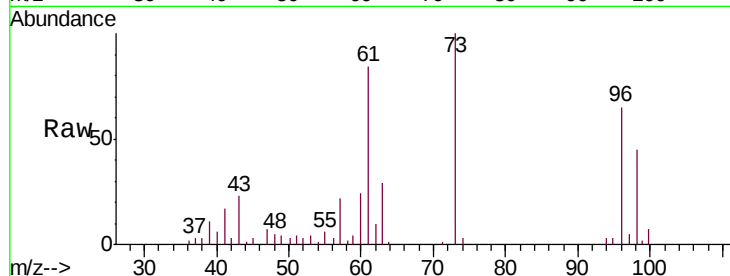
Tgt Ion: 96 Resp: 50294

Ion Ratio Lower Upper

96 100

61 129.2 94.0 141.0

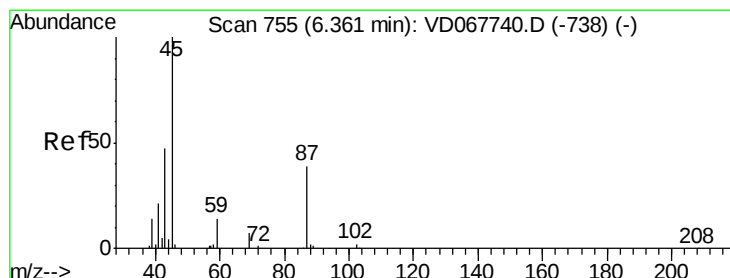
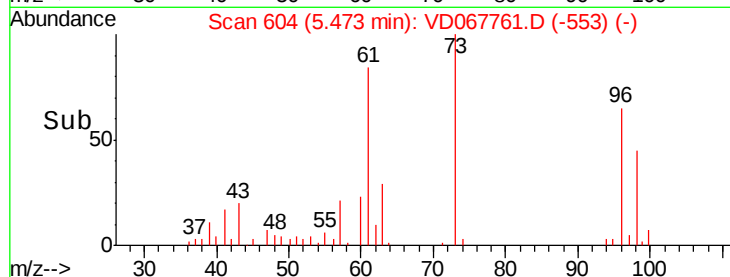
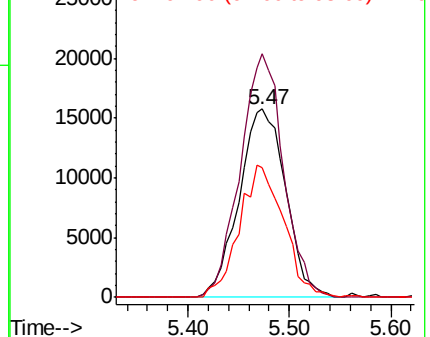
98 68.7 51.3 76.9



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



#22

Diisopropyl ether

Concen: 21.178 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Tgt Ion: 45 Resp: 87770

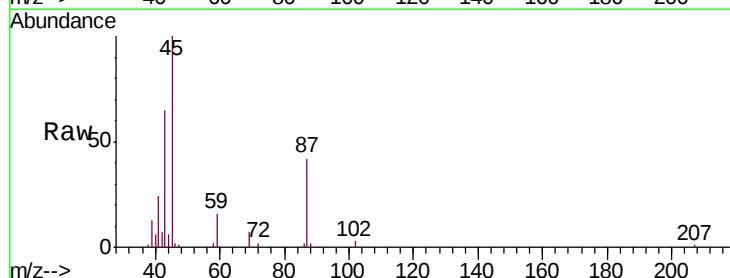
Ion Ratio Lower Upper

45 100

43 63.2 46.8 70.2

87 41.8 32.9 49.3

59 15.7 11.2 16.8

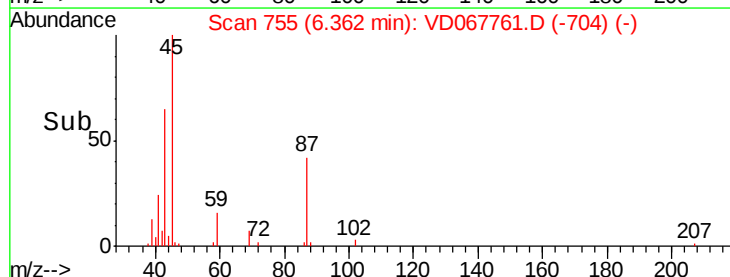
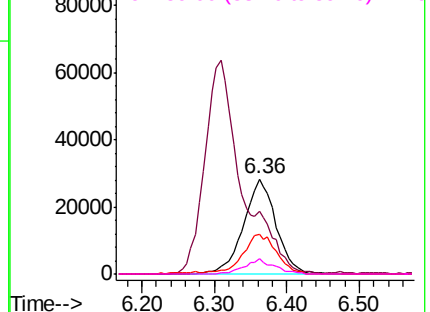


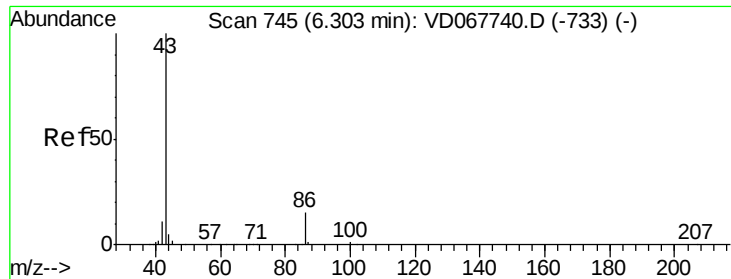
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 97.408 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

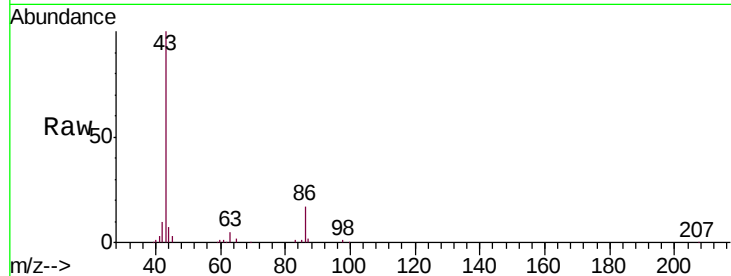
VD1124SBS01

Tgt Ion: 43 Resp: 227721

Ion Ratio Lower Upper

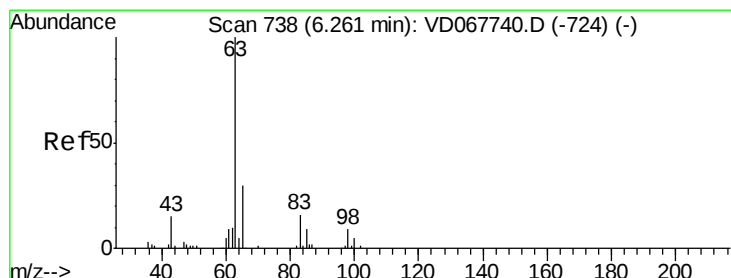
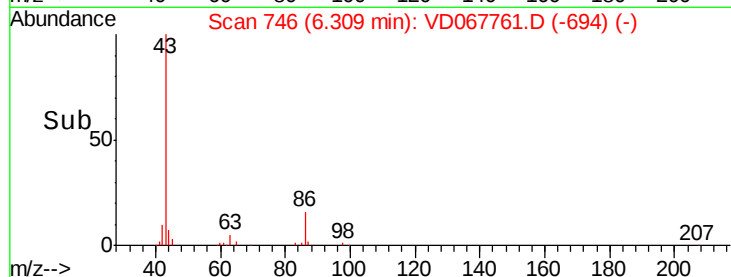
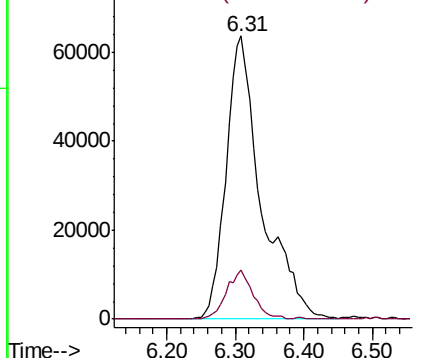
43 100

86 17.1 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.049 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

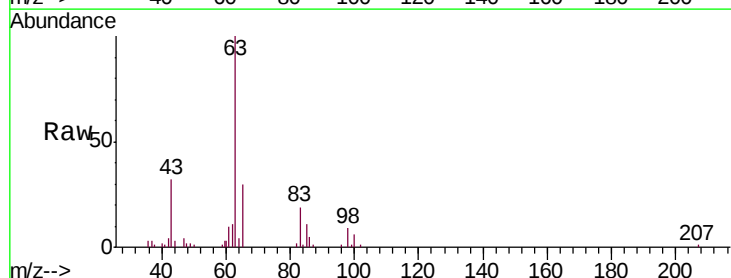
Tgt Ion: 63 Resp: 73958

Ion Ratio Lower Upper

63 100

98 8.6 4.4 13.2

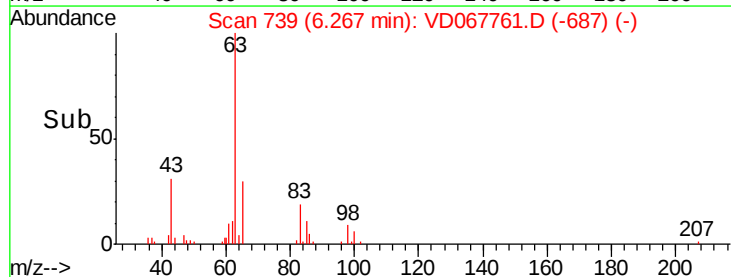
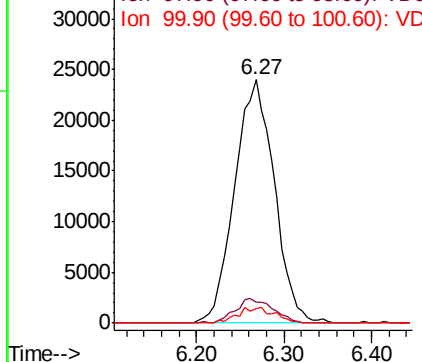
100 6.0 2.6 8.0

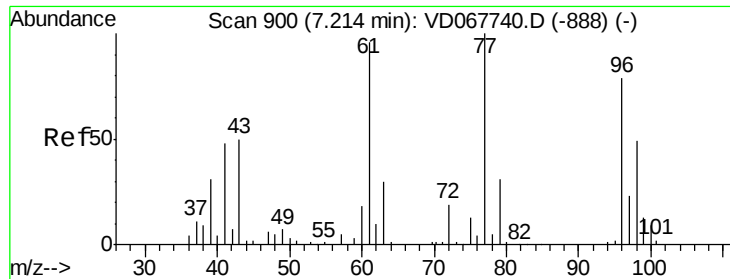


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

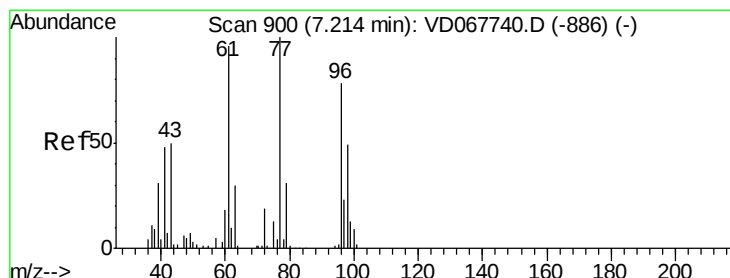
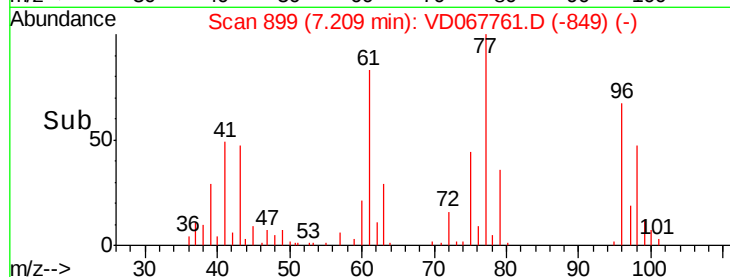
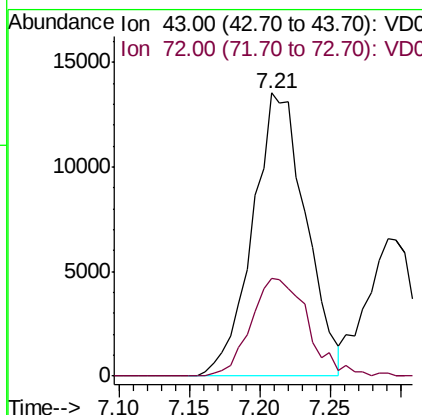
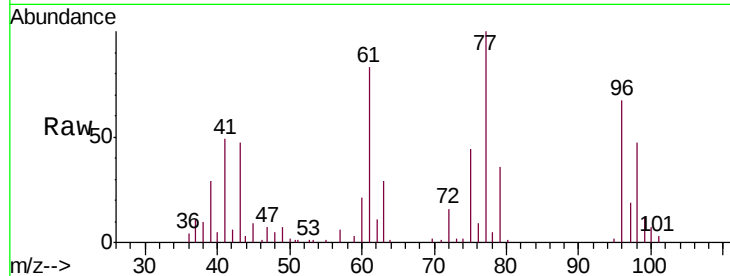




#25
 2-Butanone
 Concen: 96.014 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

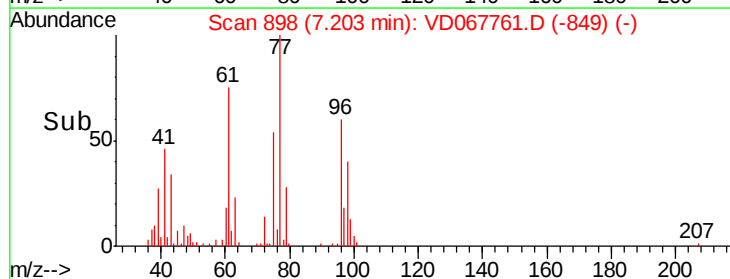
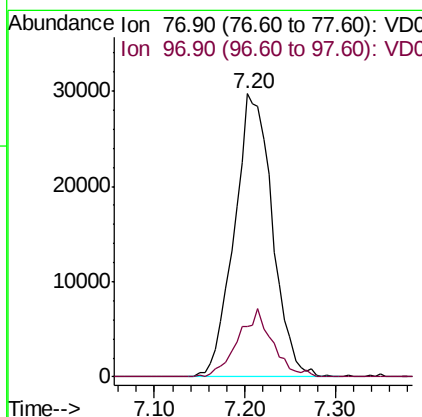
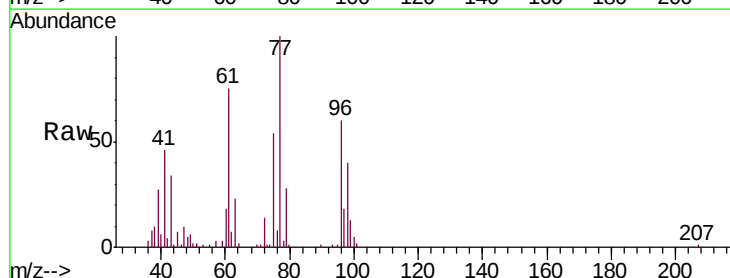
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

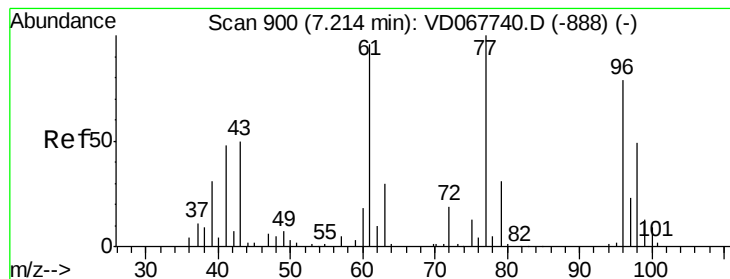
Tgt Ion: 43 Resp: 35809
 Ion Ratio Lower Upper
 43 100
 72 34.7 30.8 46.2



#26
 2,2-Dichloropropane
 Concen: 20.797 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 77 Resp: 86206
 Ion Ratio Lower Upper
 77 100
 97 21.9 11.1 33.3



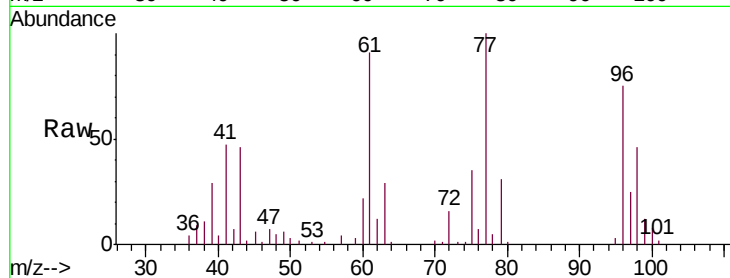


#27

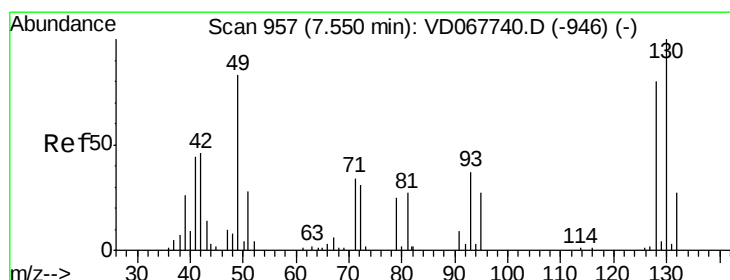
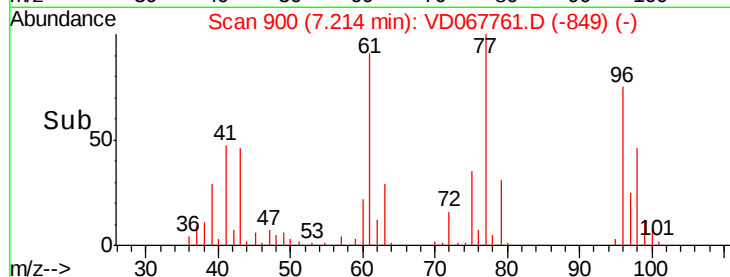
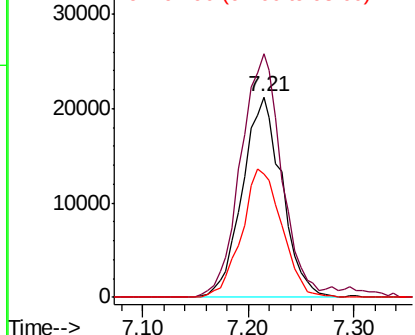
cis-1,2-Dichloroethene
Concen: 21.033 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tgt Ion: 96 Resp: 55360
Ion Ratio Lower Upper
96 100
61 125.5 0.0 258.0
98 64.6 0.0 131.8



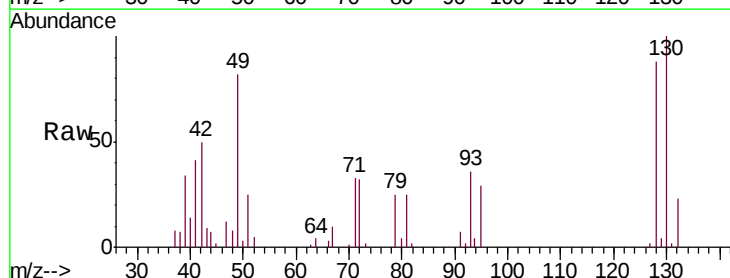
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



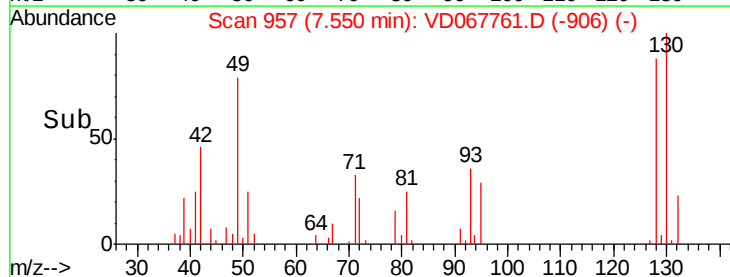
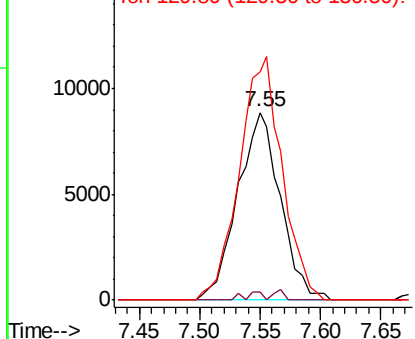
#28

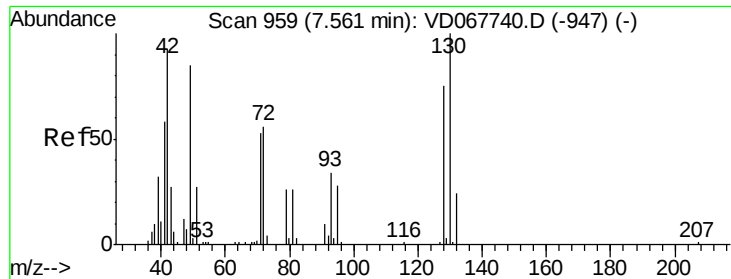
Bromochloromethane
Concen: 19.352 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 49 Resp: 21781
Ion Ratio Lower Upper
49 100
129 1.8 0.0 7.0
130 130.2 102.2 153.4



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

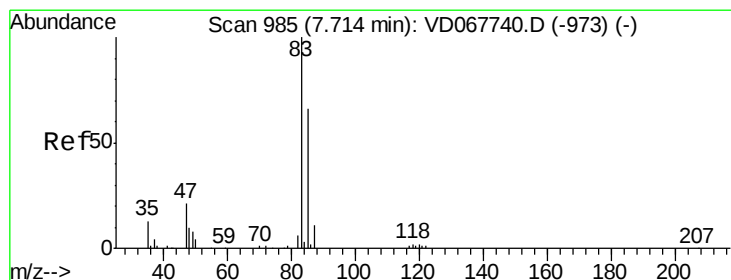
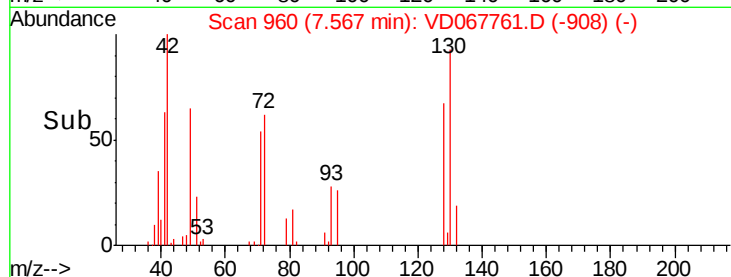
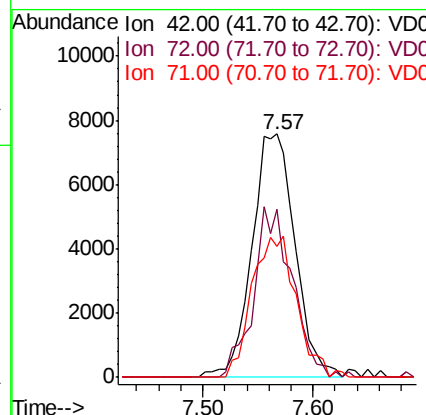
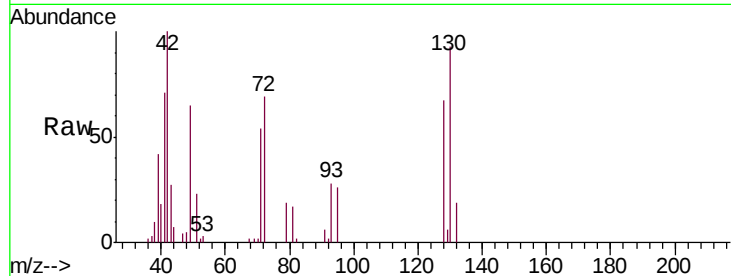




#29
Tetrahydrofuran
Concen: 97.619 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

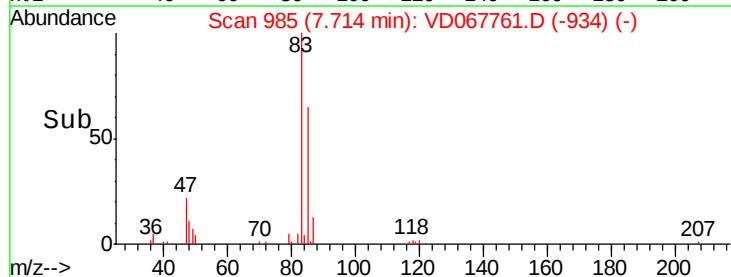
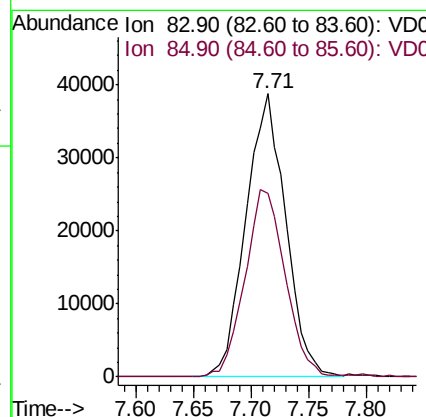
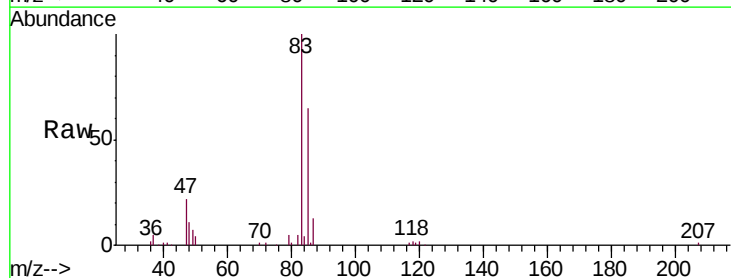
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

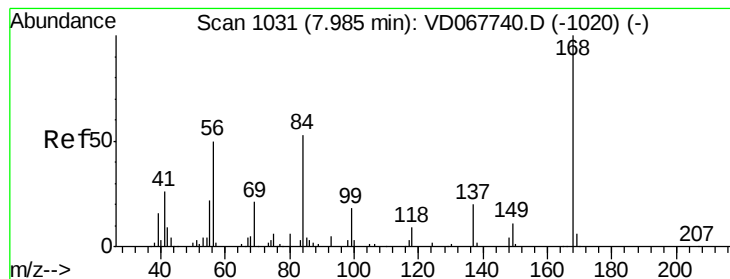
Tgt Ion: 42 Resp: 20700
Ion Ratio Lower Upper
42 100
72 63.3 49.3 73.9
71 59.9 45.9 68.9



#30
Chloroform
Concen: 20.243 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 83 Resp: 93012
Ion Ratio Lower Upper
83 100
85 64.9 53.1 79.7





#31

Cyclohexane

Concen: 20.540 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

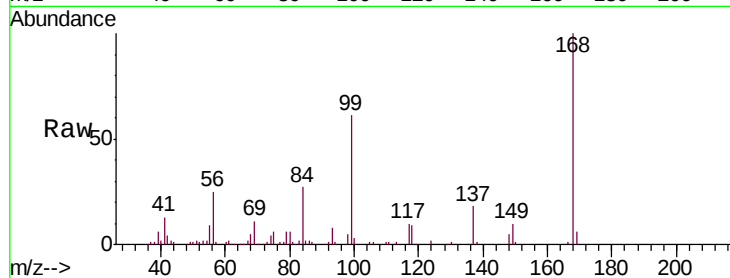
Tgt Ion: 56 Resp: 63938

Ion Ratio Lower Upper

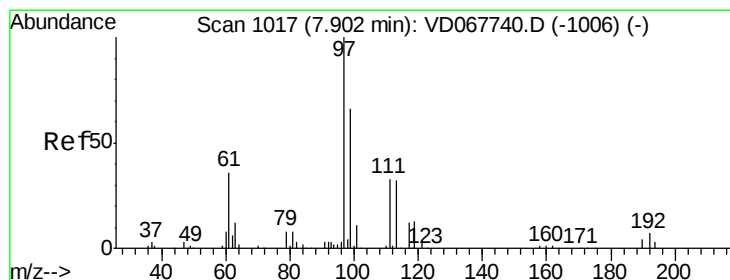
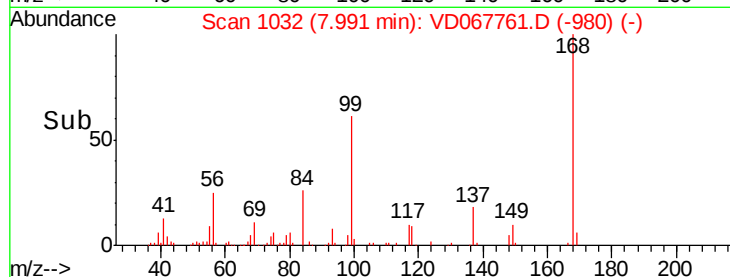
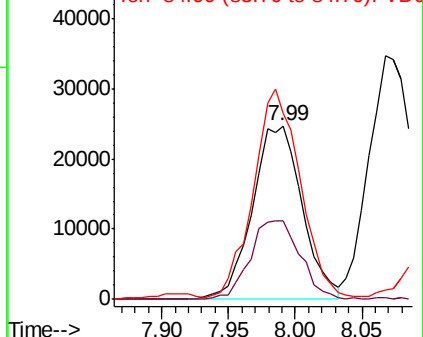
56 100

69 45.5 33.2 49.8

84 104.8 84.8 127.2



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



#32

1,1,1-Trichloroethane

Concen: 20.851 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

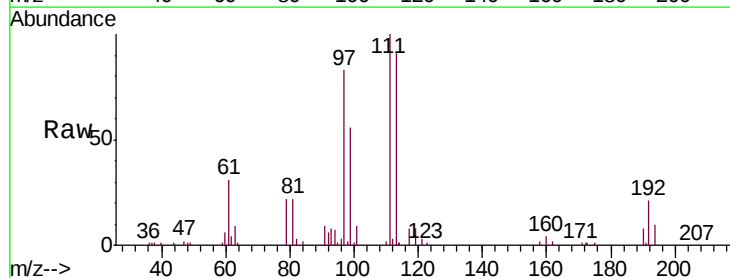
Tgt Ion: 97 Resp: 101461

Ion Ratio Lower Upper

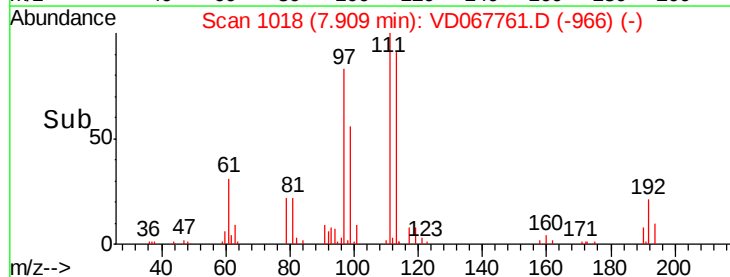
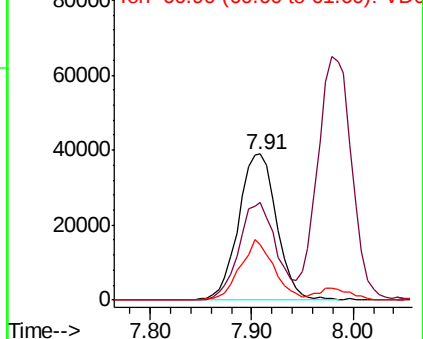
97 100

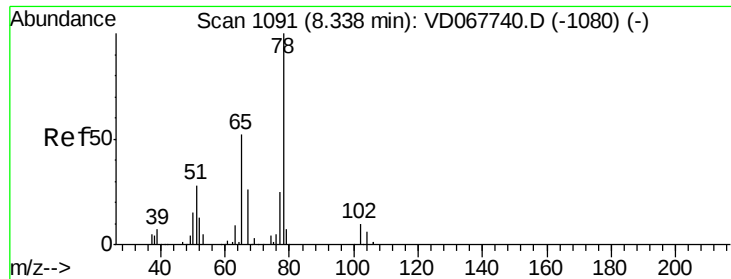
99 66.0 51.1 76.7

61 36.8 29.4 44.2



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

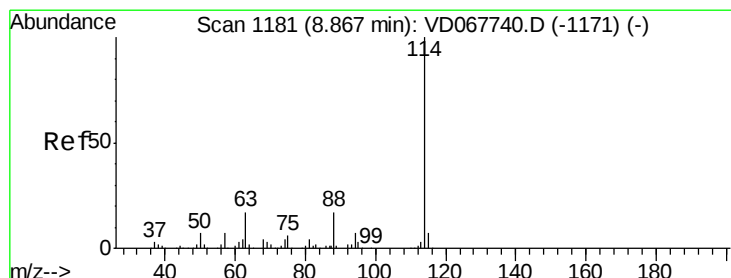
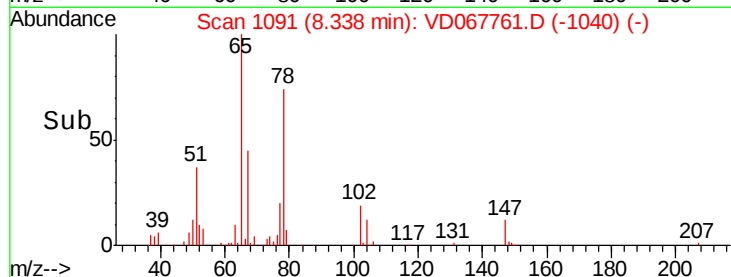
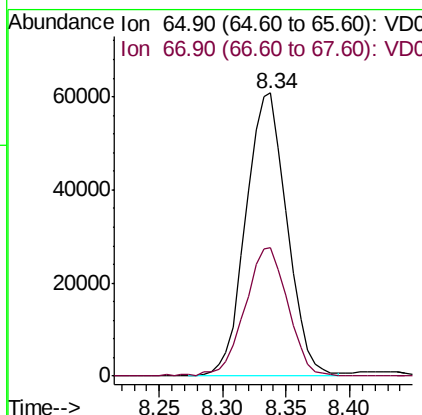
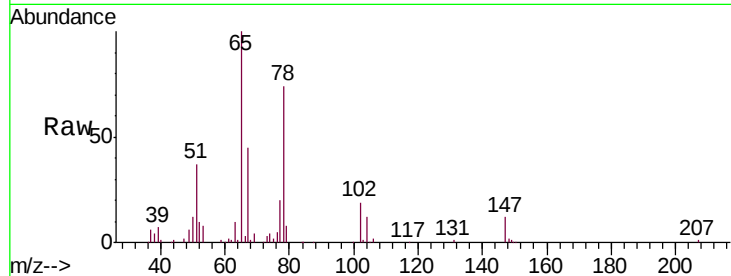




#33
 1,2-Dichloroethane-d4
 Concen: 53.429 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

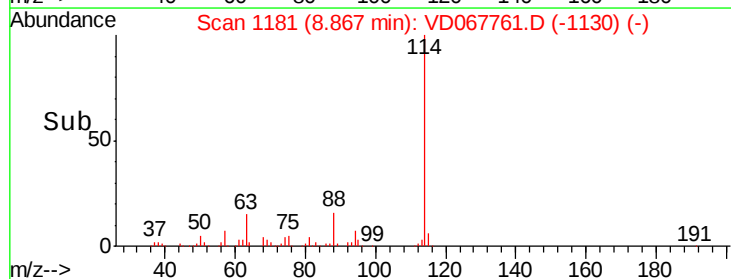
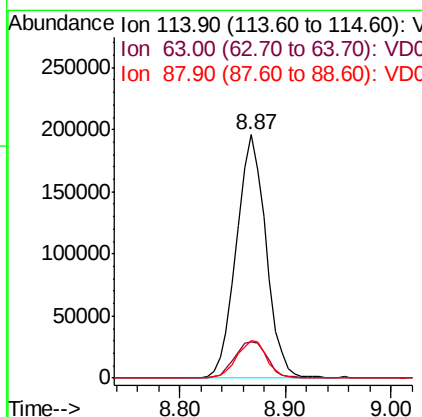
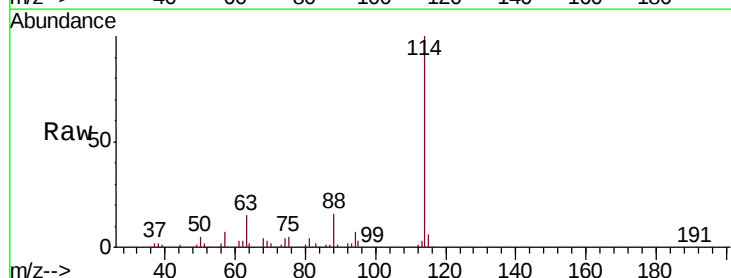
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

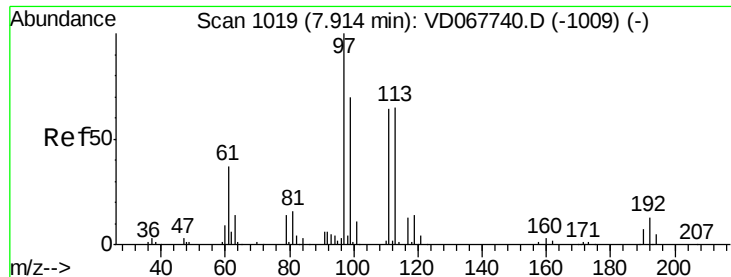
Tgt Ion: 65 Resp: 137456
 Ion Ratio Lower Upper
 65 100
 67 47.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 114 Resp: 381182
 Ion Ratio Lower Upper
 114 100
 63 14.9 0.0 34.8
 88 15.6 0.0 34.4

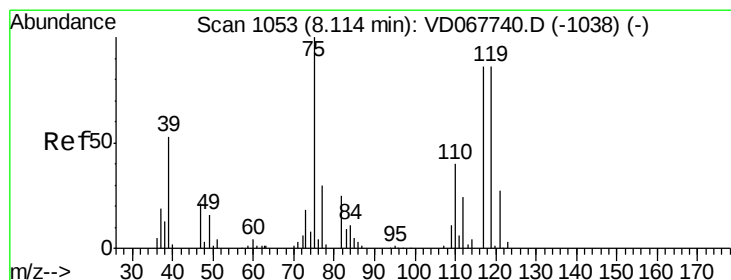
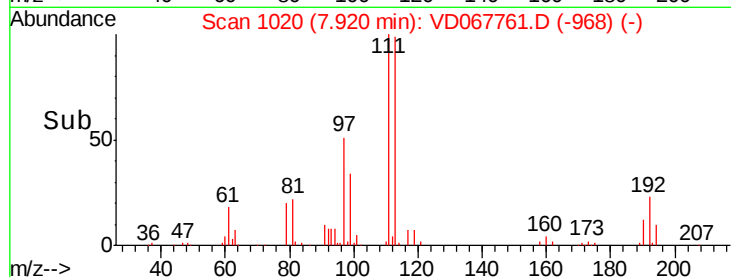
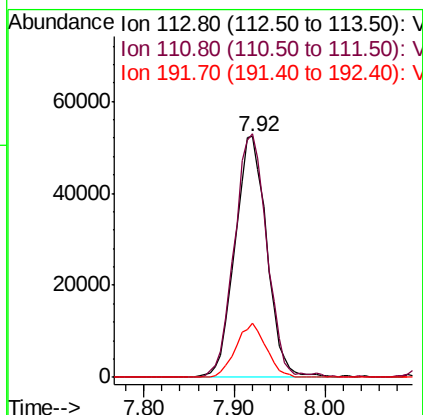
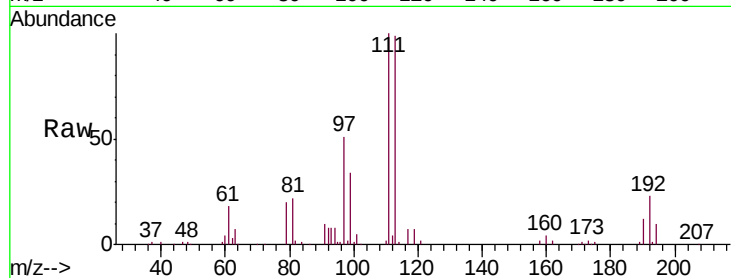




#35
 Dibromofluoromethane
 Concen: 52.783 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

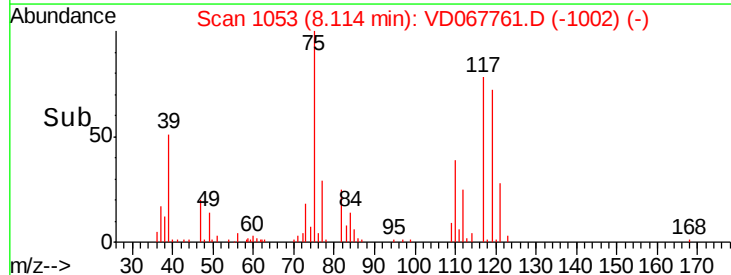
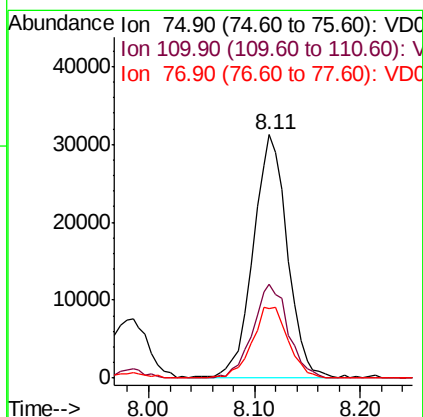
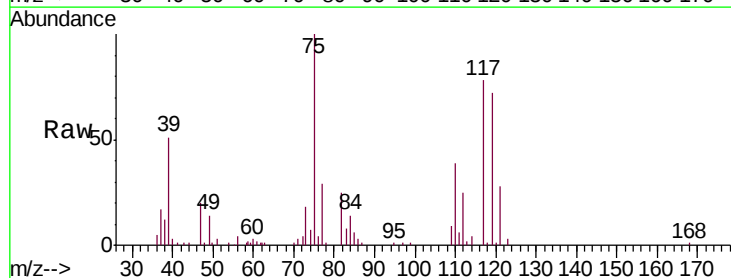
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

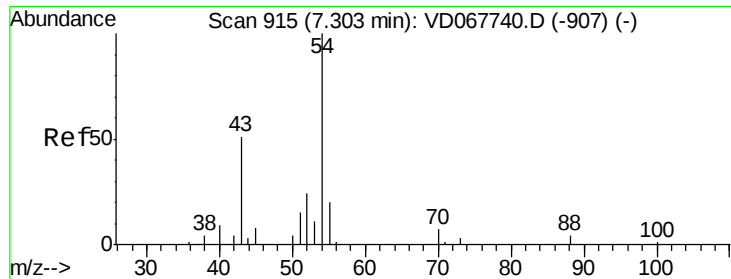
Tgt Ion: 113 Resp: 128044
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 21.4 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 21.534 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 75 Resp: 70438
 Ion Ratio Lower Upper
 75 100
 110 39.4 20.1 60.2
 77 30.7 24.8 37.2

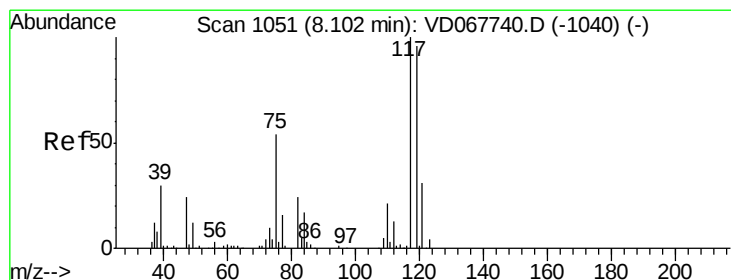
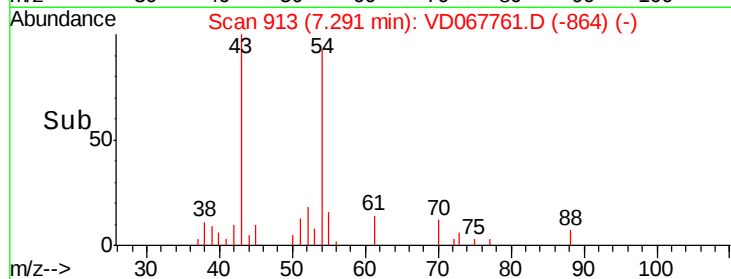
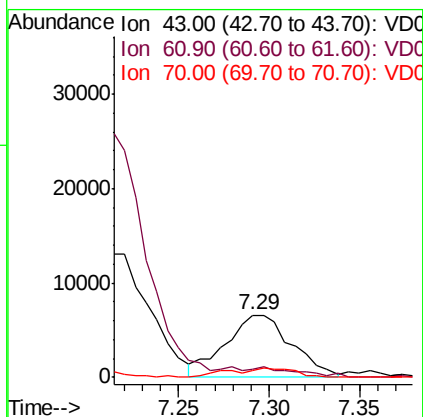
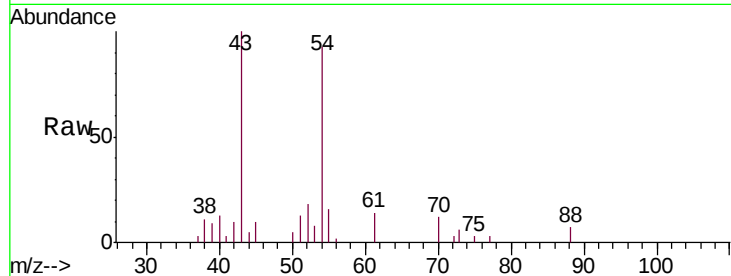




#37
Ethyl Acetate
Concen: 19.107 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

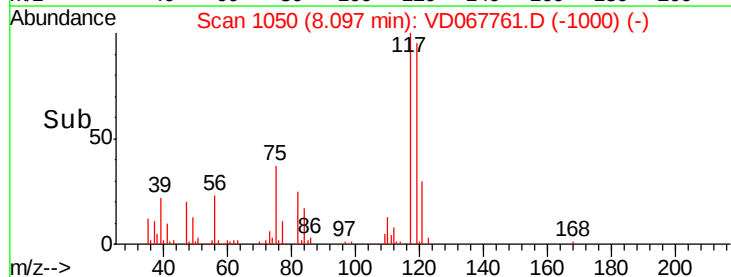
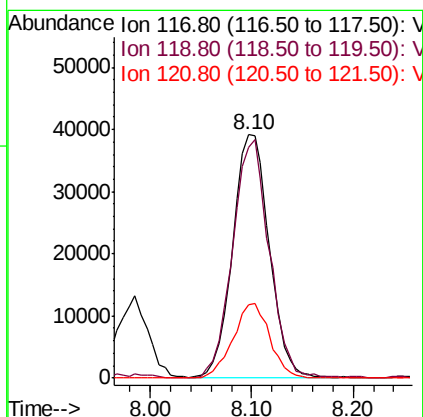
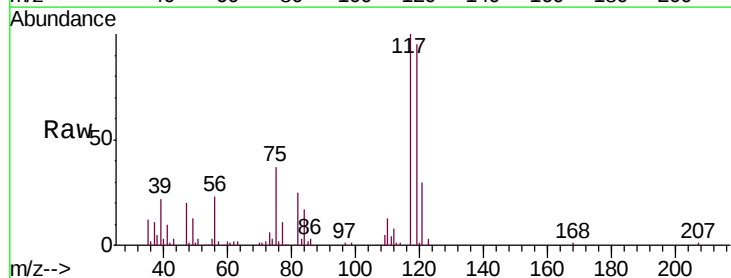
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

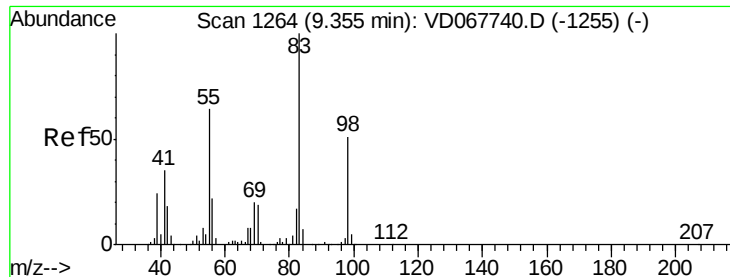
Tgt Ion: 43 Resp: 16805
Ion Ratio Lower Upper
43 100
61 0.0 12.9 19.3#
70 15.0 12.2 18.2



#38
Carbon Tetrachloride
Concen: 20.763 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 117 Resp: 98446
Ion Ratio Lower Upper
117 100
119 94.7 76.6 115.0
121 29.9 24.5 36.7

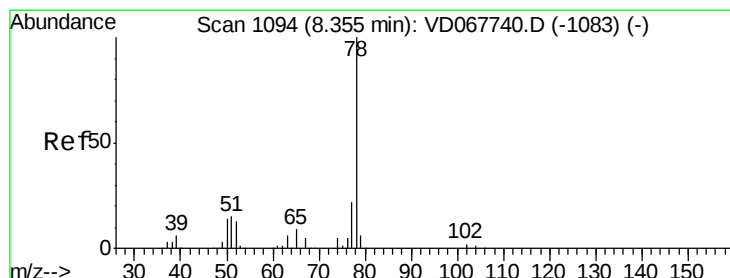
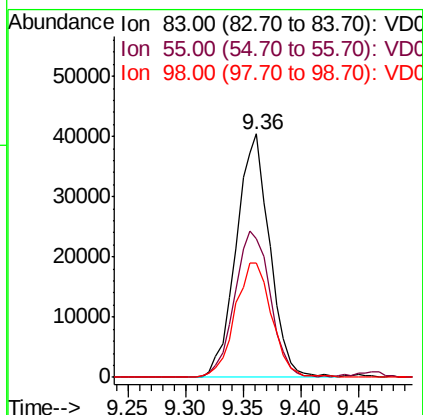
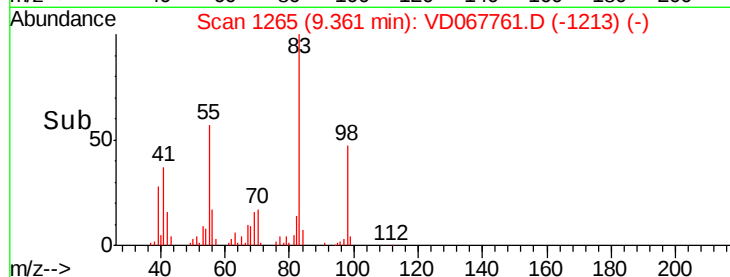
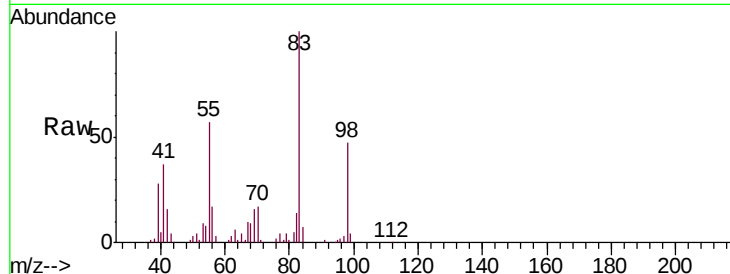




#39
Methylcyclohexane
Concen: 21.010 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

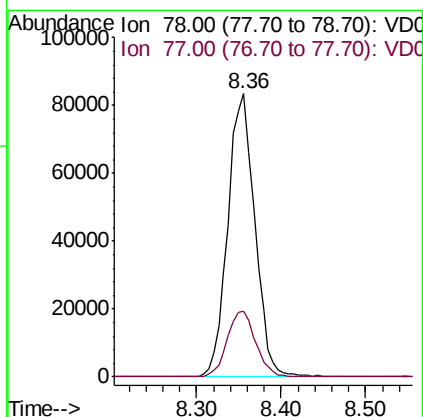
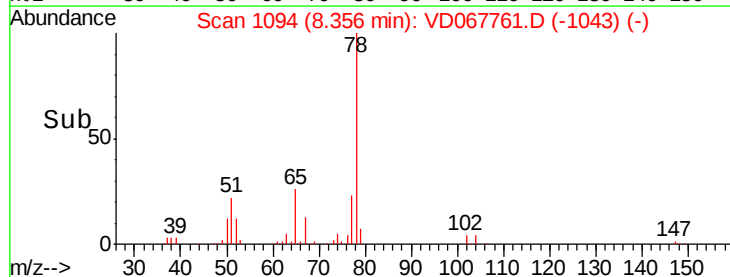
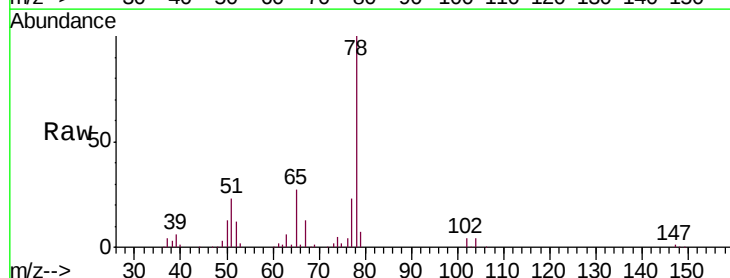
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

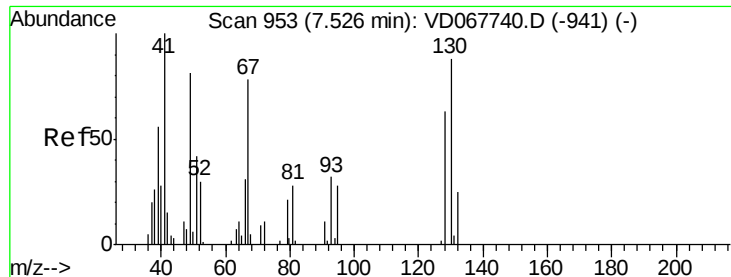
Tgt Ion: 83 Resp: 81329
Ion Ratio Lower Upper
83 100
55 57.1 51.0 76.4
98 47.1 40.4 60.6



#40
Benzene
Concen: 20.515 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 78 Resp: 184296
Ion Ratio Lower Upper
78 100
77 23.3 17.8 26.6

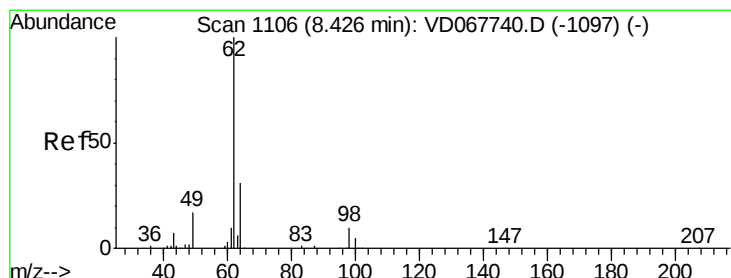
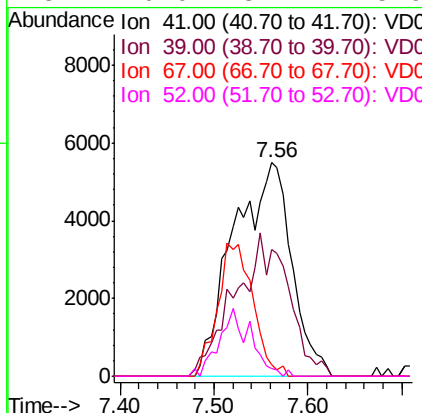
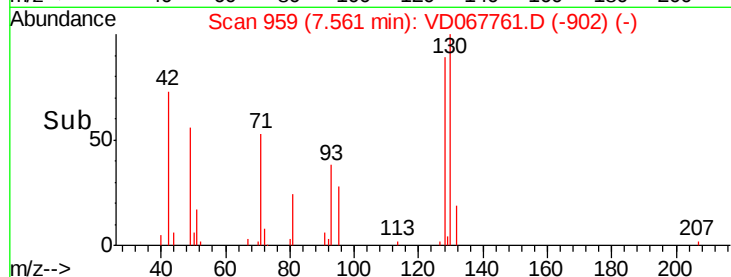
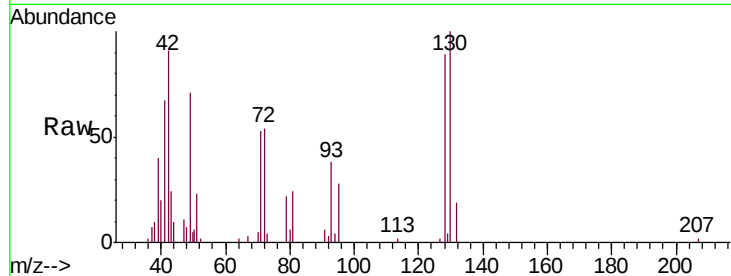




#41
Methacrylonitrile
Concen: 52.337 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

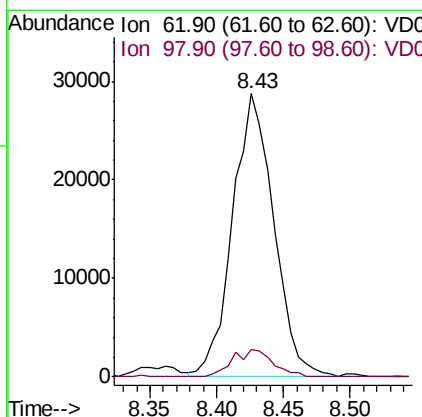
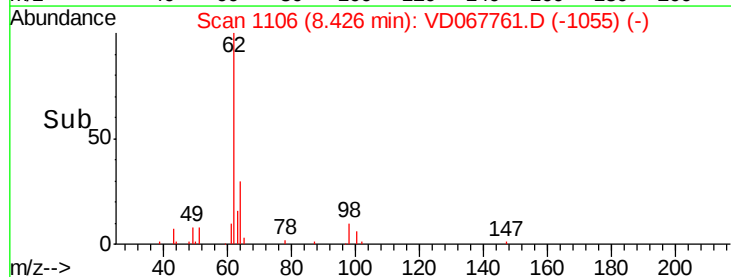
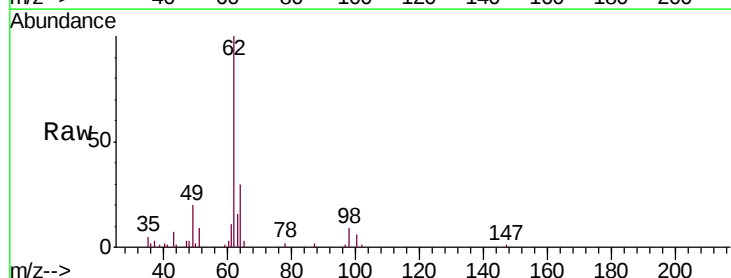
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

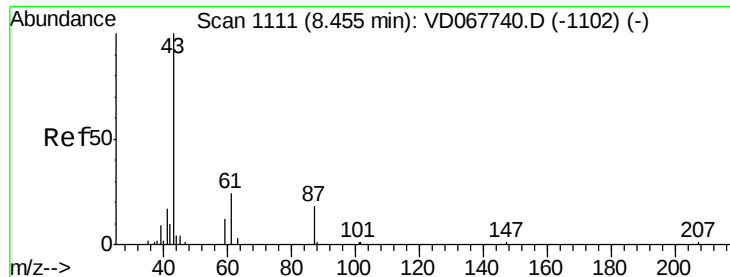
Tgt Ion: 41 Resp: 23506
Ion Ratio Lower Upper
41 100
39 37.0 50.2 75.4#
67 0.0 79.0 118.6#
52 0.0 32.4 48.6#



#42
1,2-Dichloroethane
Concen: 20.224 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 62 Resp: 61646
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.2





#43

Isopropyl Acetate

Concen: 19.297 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

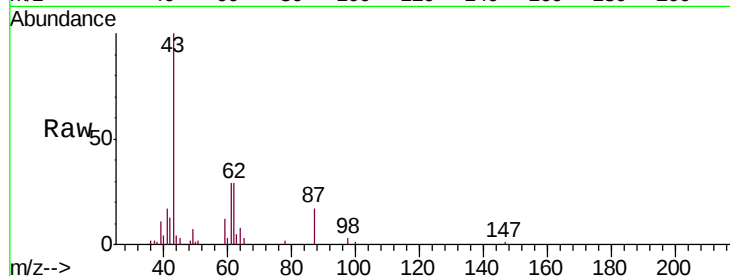
Tgt Ion: 43 Resp: 33895

Ion Ratio Lower Upper

43 100

61 37.5 30.2 45.4

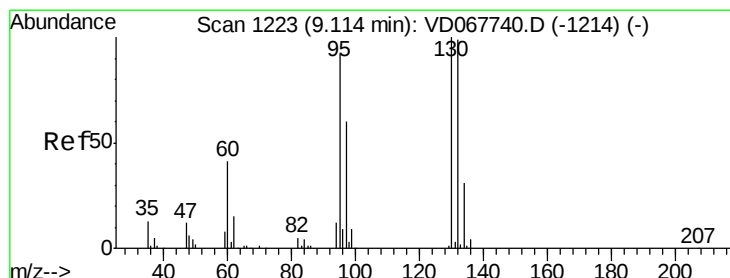
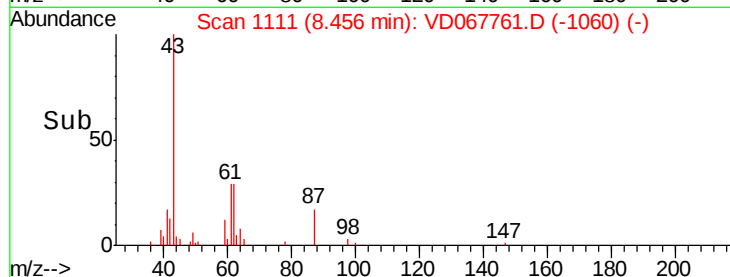
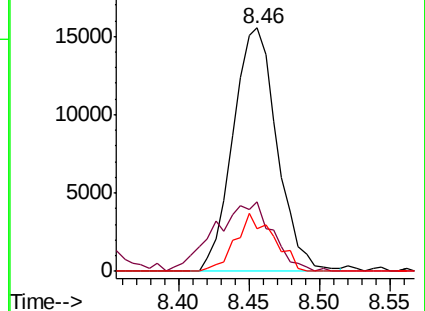
87 20.6 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.744 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067761.D

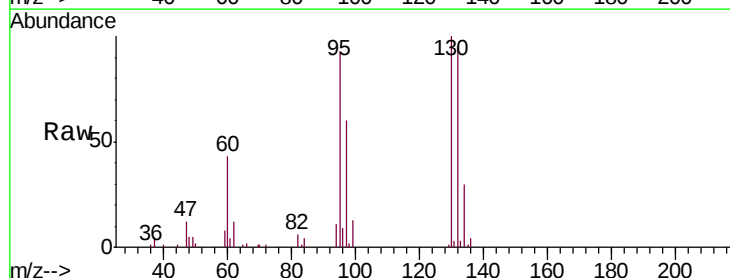
Acq: 24 Nov 2020 11:36

Tgt Ion: 130 Resp: 61765

Ion Ratio Lower Upper

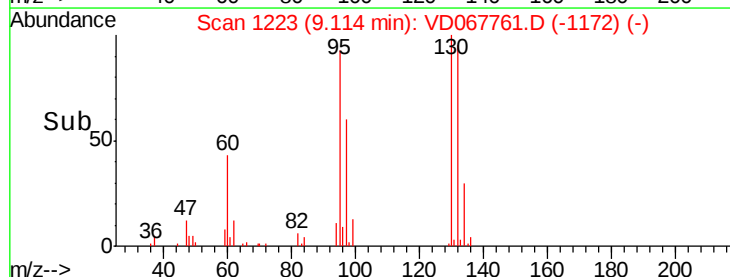
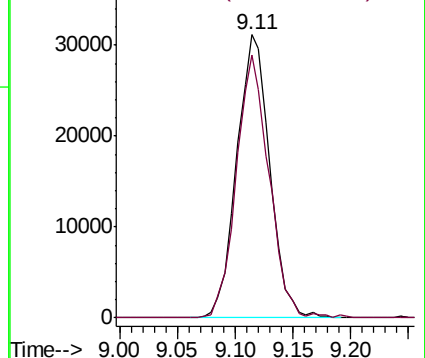
130 100

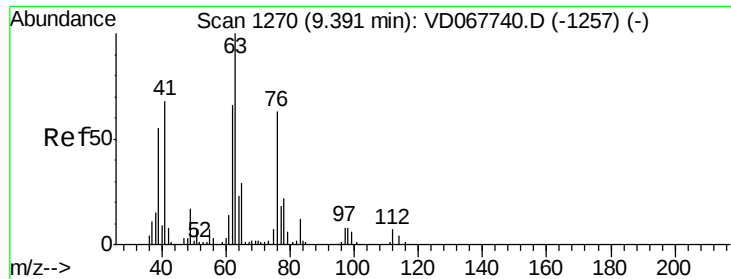
95 93.0 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

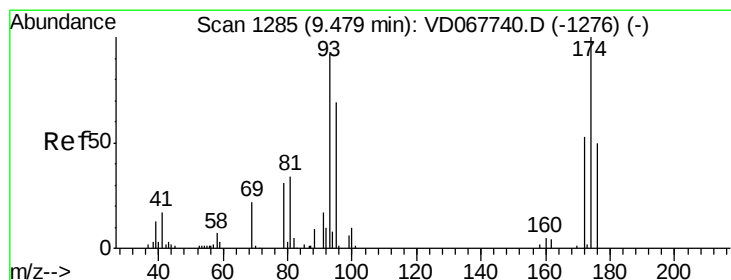
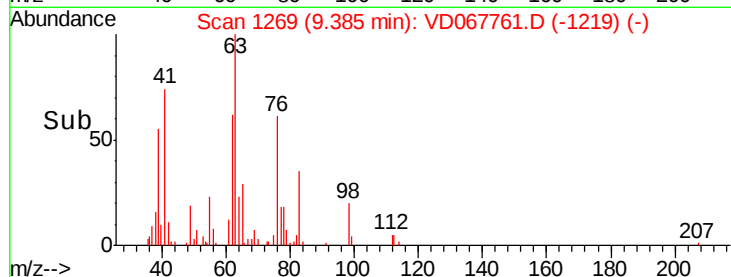
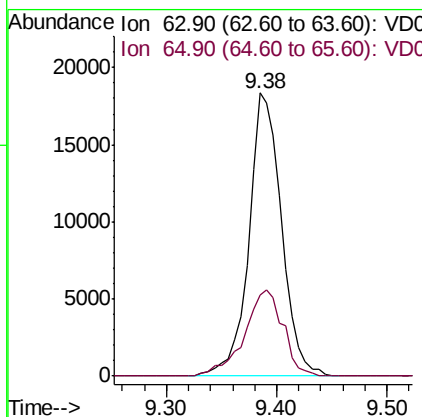
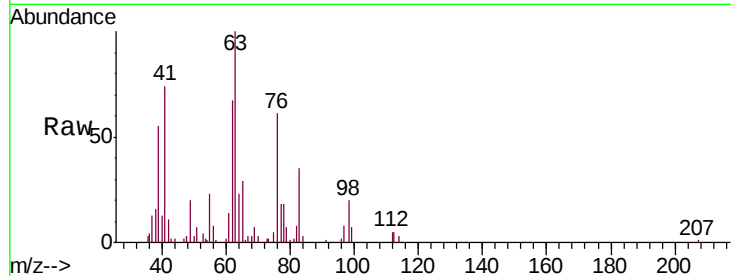




#45
 1,2-Dichloropropane
 Concen: 20.604 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

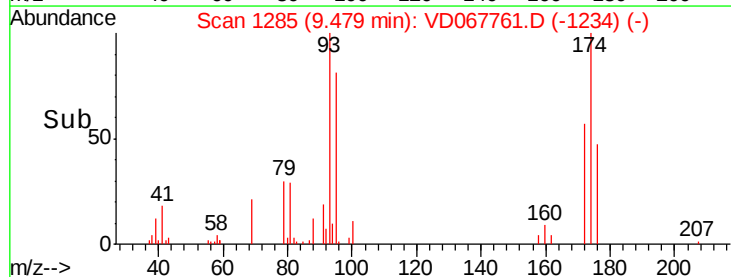
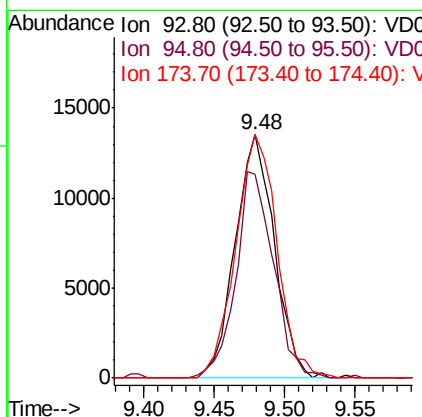
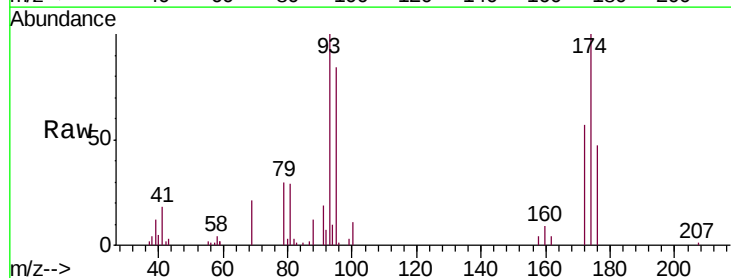
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

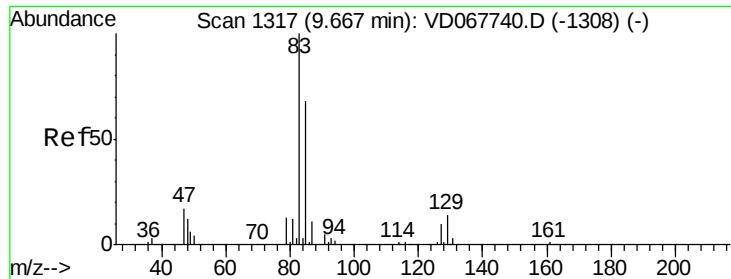
Tgt Ion: 63 Resp: 37981
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.1 34.7



#46
 Dibromomethane
 Concen: 20.875 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 93 Resp: 26197
 Ion Ratio Lower Upper
 93 100
 95 81.8 63.4 95.2
 174 105.6 89.6 134.4





#47

Bromodichloromethane

Concen: 21.397 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

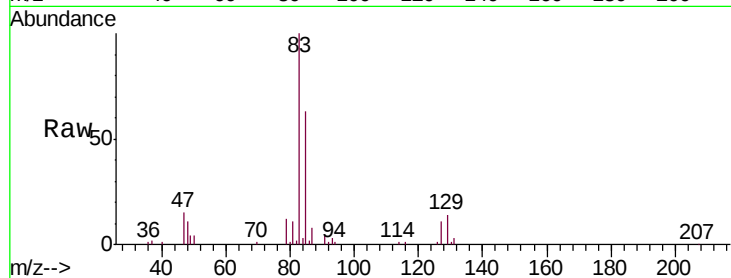
Tgt Ion: 83 Resp: 74774

Ion Ratio Lower Upper

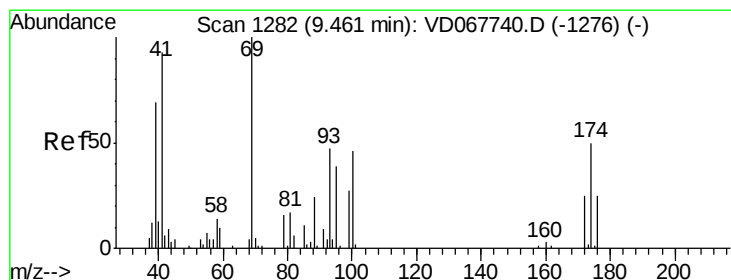
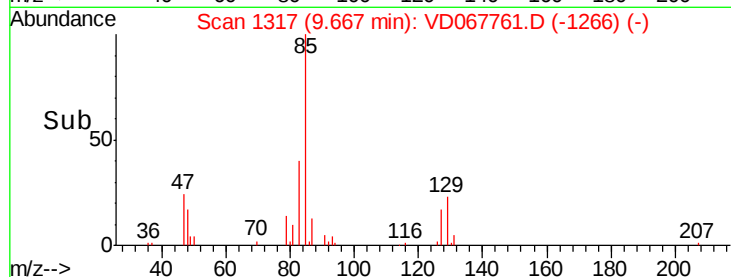
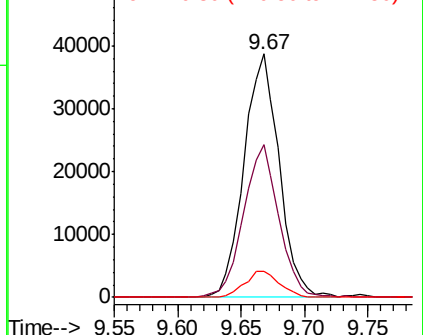
83 100

85 62.9 54.2 81.2

127 10.6 7.6 11.4



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: 18.124 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

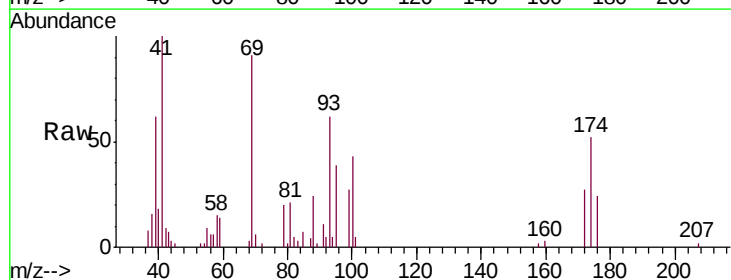
Tgt Ion: 41 Resp: 15915

Ion Ratio Lower Upper

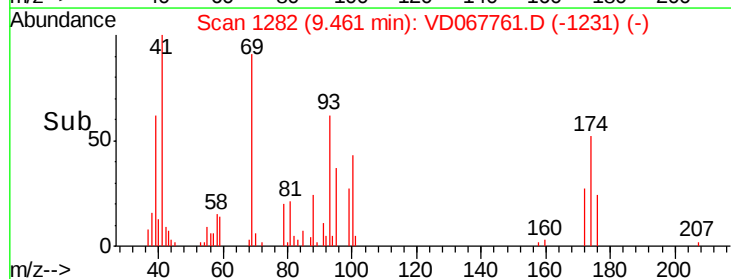
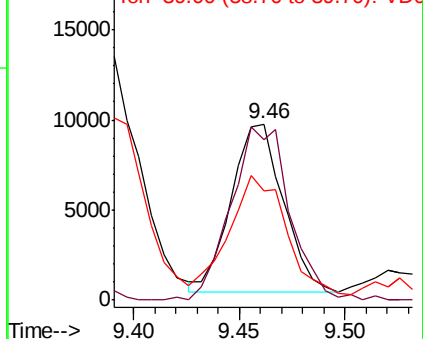
41 100

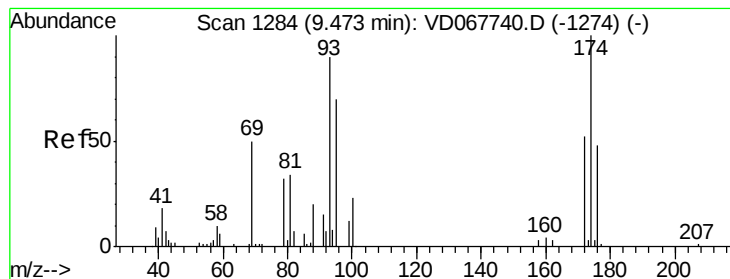
69 117.1 87.8 131.6

39 76.6 60.5 90.7



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: 391.459 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

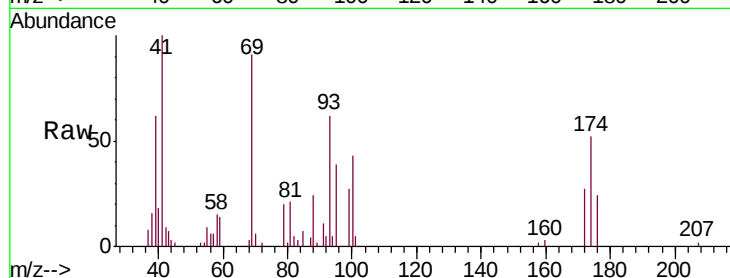
Tgt Ion: 88 Resp: 5324

Ion Ratio Lower Upper

88 100

43 29.7 25.2 37.8

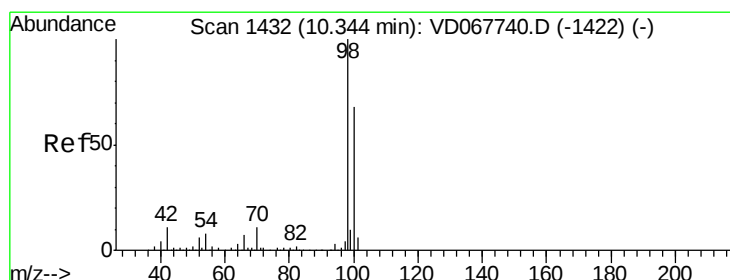
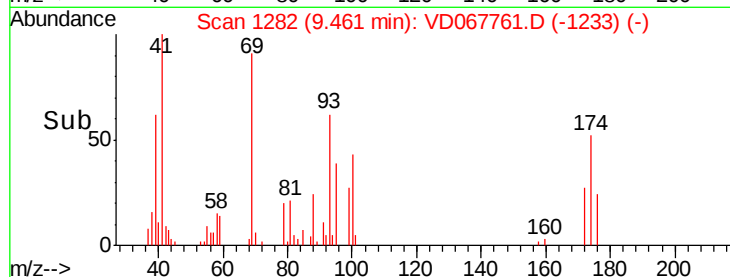
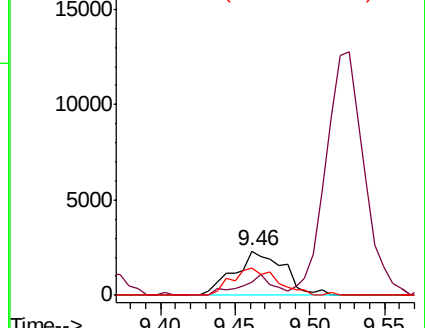
58 56.6 48.2 72.2



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: 54.363 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067761.D

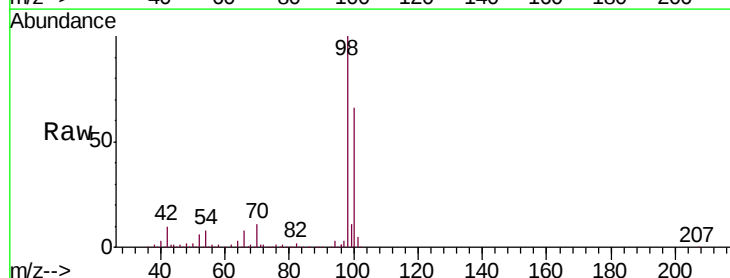
Acq: 24 Nov 2020 11:36

Tgt Ion: 98 Resp: 482151

Ion Ratio Lower Upper

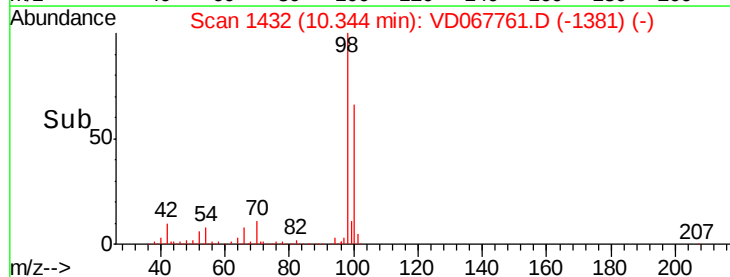
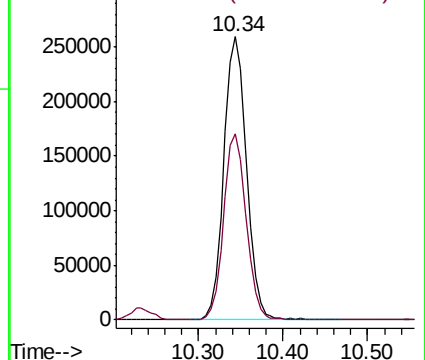
98 100

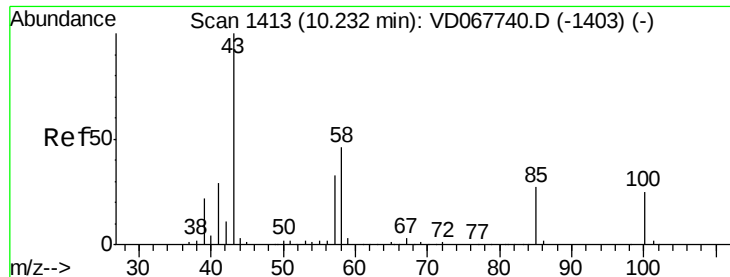
100 65.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

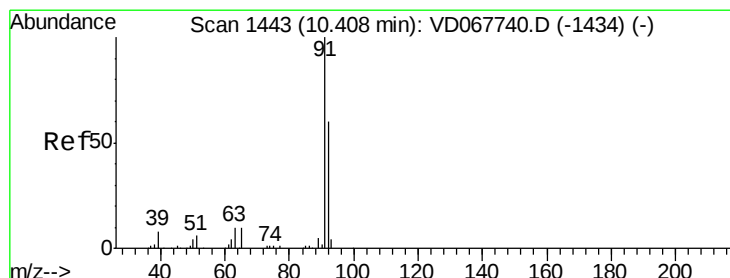
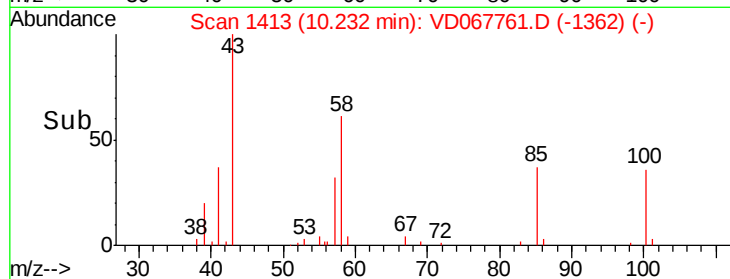
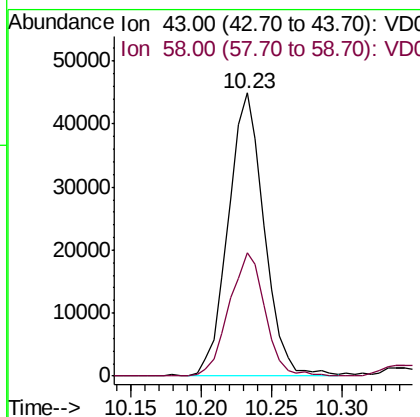
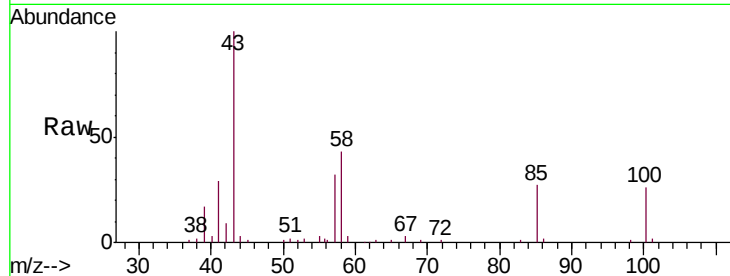




#51
4-Methyl-2-Pentanone
Concen: 96.620 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

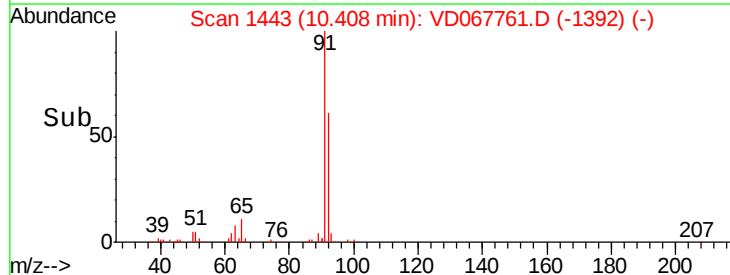
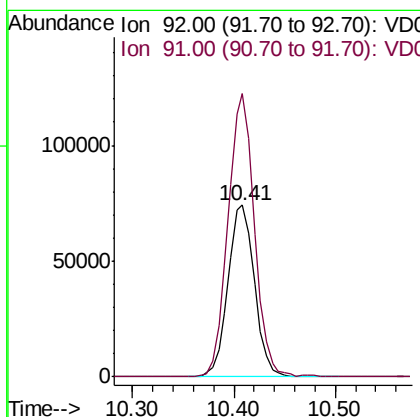
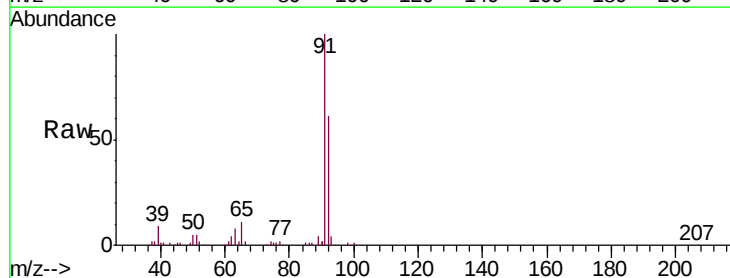
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

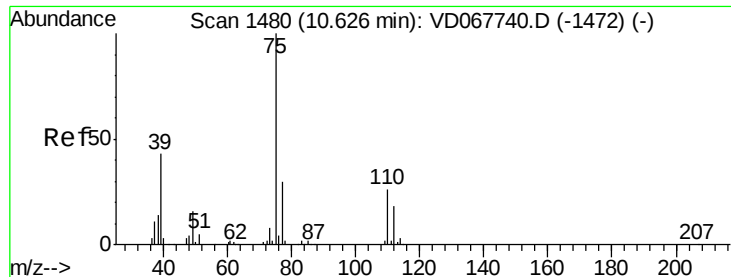
Tgt Ion: 43 Resp: 79857
Ion Ratio Lower Upper
43 100
58 43.3 34.7 52.1



#52
Toluene
Concen: 22.075 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 92 Resp: 134532
Ion Ratio Lower Upper
92 100
91 163.5 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 19.728 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

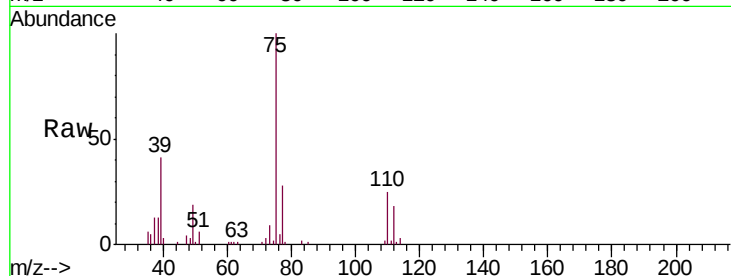
VD1124SBS01

Tgt Ion: 75 Resp: 60234

Ion Ratio Lower Upper

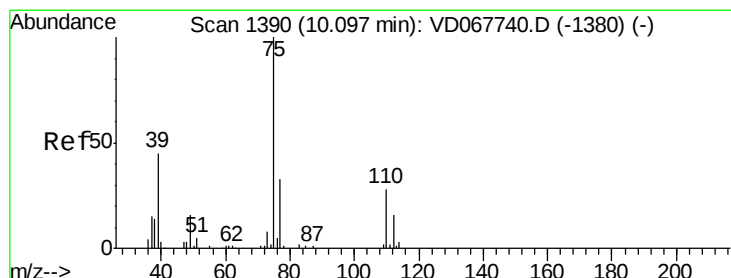
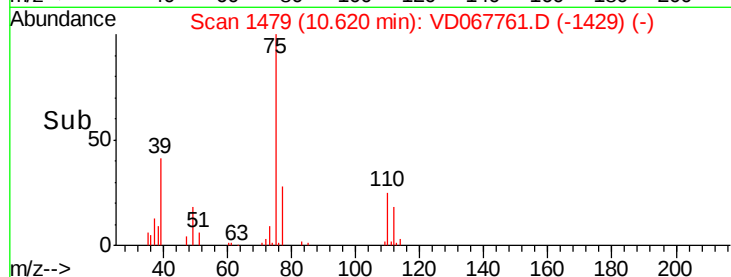
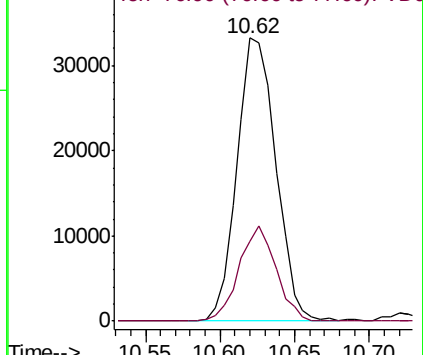
75 100

77 28.2 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 19.975 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

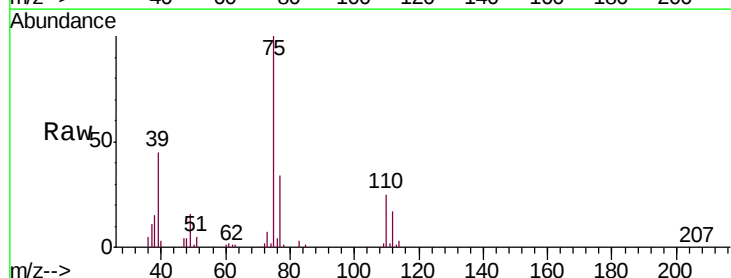
Tgt Ion: 75 Resp: 69020

Ion Ratio Lower Upper

75 100

77 33.5 26.1 39.1

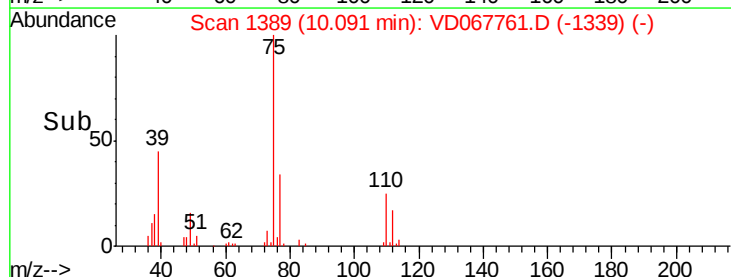
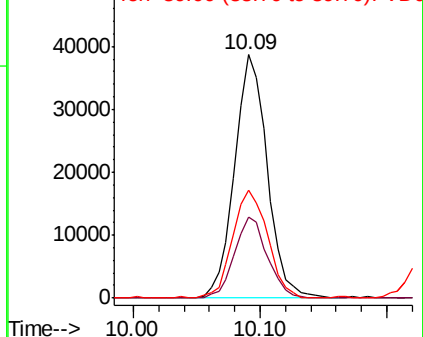
39 44.5 35.8 53.6

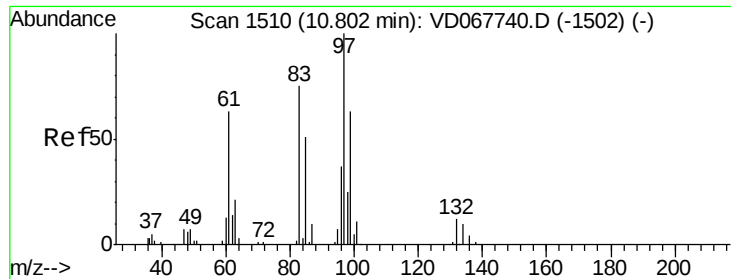


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

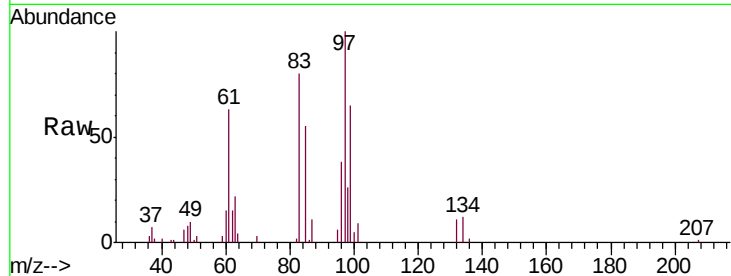




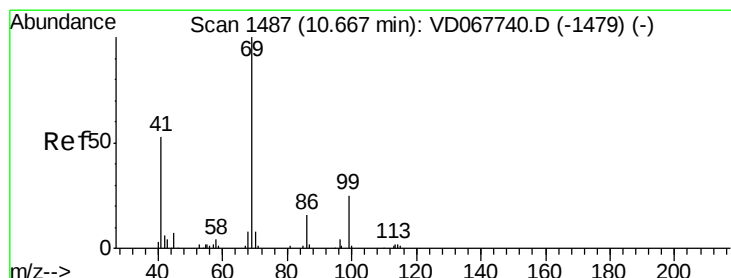
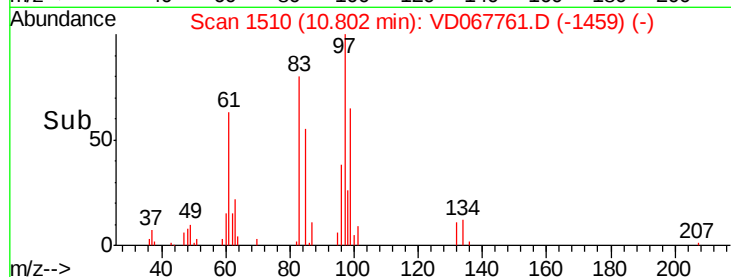
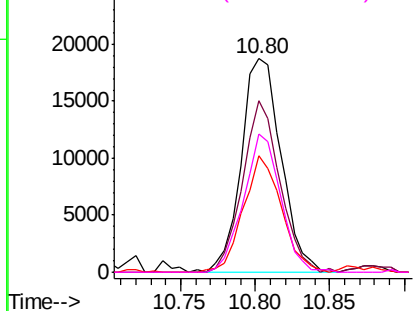
#55
 1,1,2-Trichloroethane
 Concen: 20.575 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tgt Ion:	97	Resp:	34645
Ion	Ratio	Lower	Upper
97	100		
83	80.4	60.2	90.4
85	54.5	40.5	60.7
99	65.0	50.6	76.0

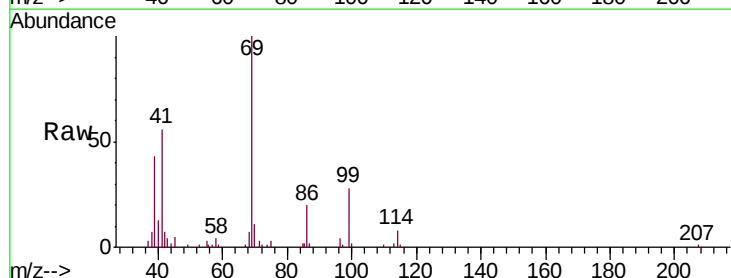


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

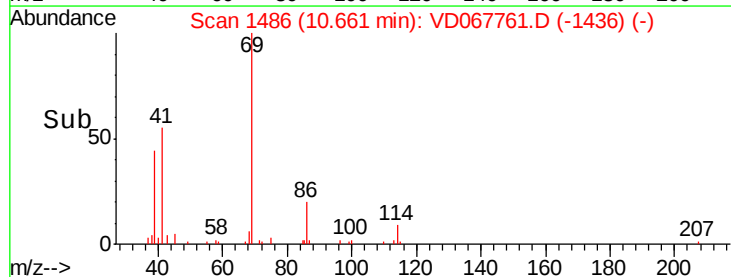
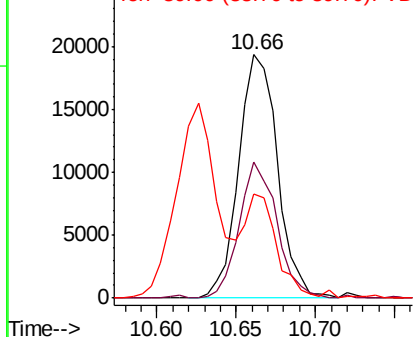


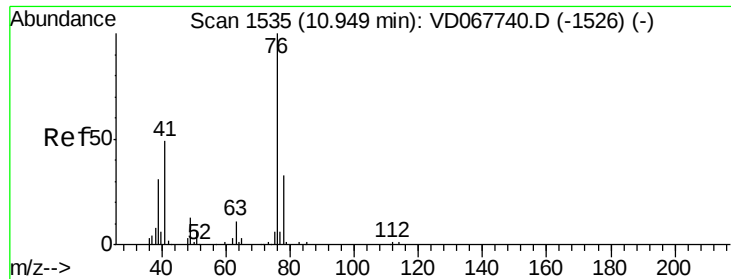
#56
 Ethyl methacrylate
 Concen: 18.949 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion:	69	Resp:	33035
Ion	Ratio	Lower	Upper
69	100		
41	54.1	43.4	65.0
39	33.5	29.6	44.4



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

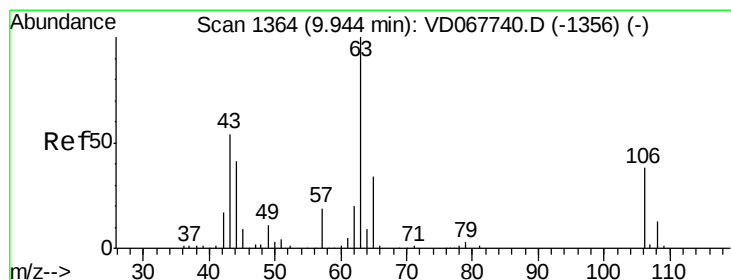
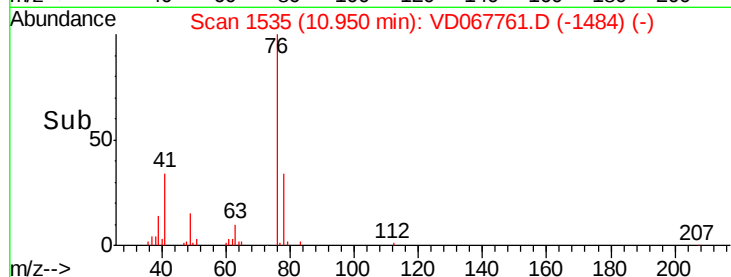
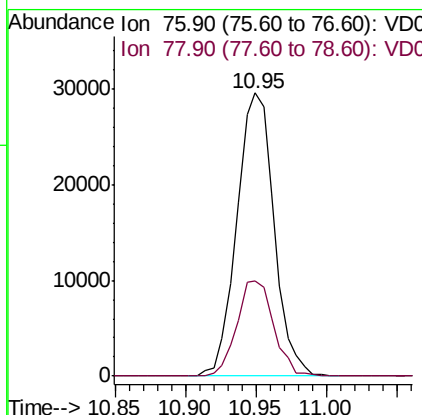
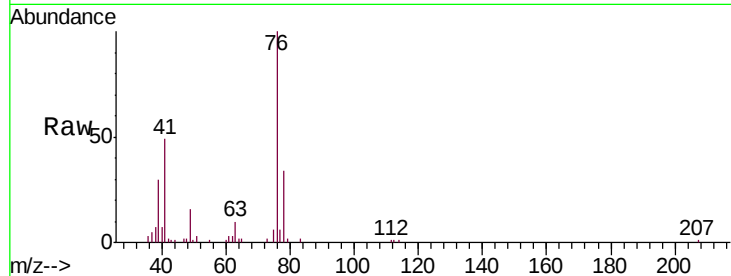




#57
 1,3-Dichloropropane
 Concen: 20.517 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

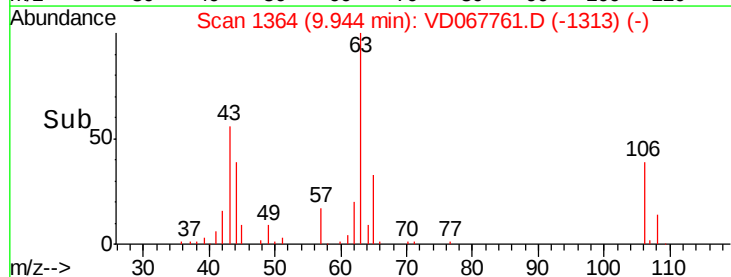
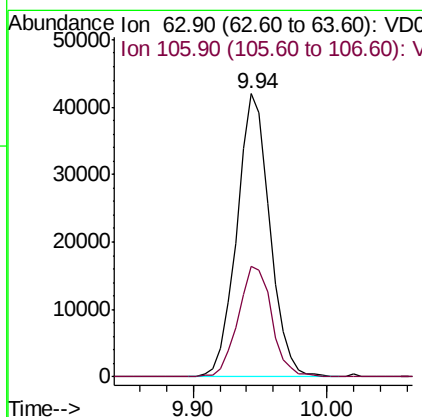
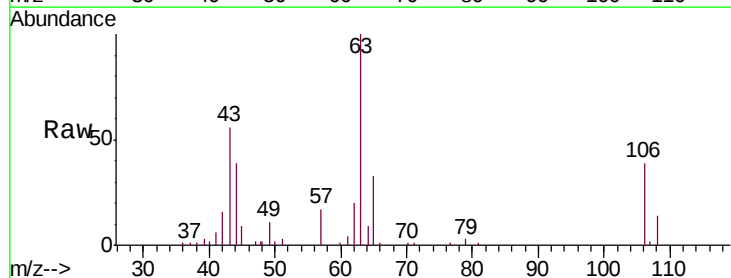
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

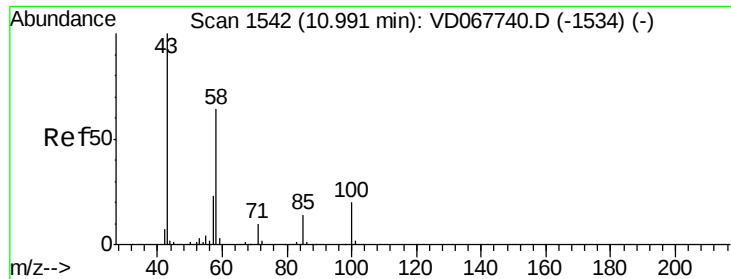
Tgt Ion: 76 Resp: 54472
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.970 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 63 Resp: 71658
 Ion Ratio Lower Upper
 63 100
 106 39.9 31.0 46.6

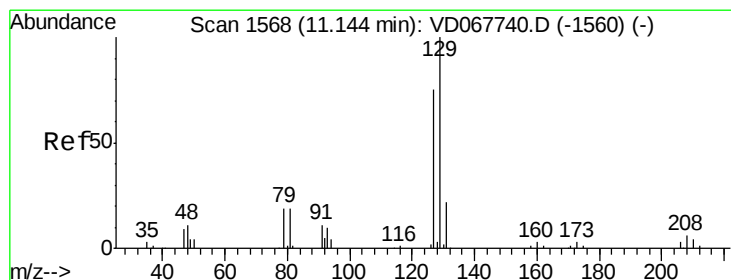
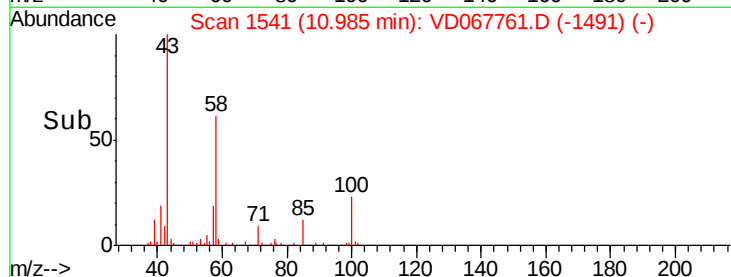
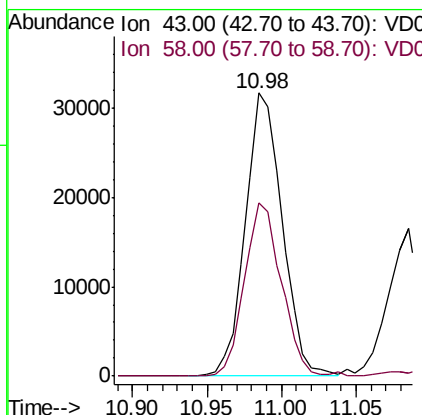
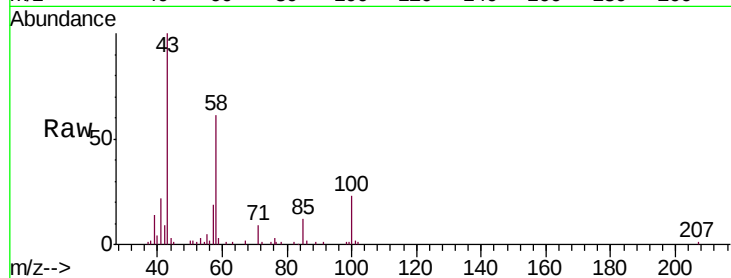




#59
2-Hexanone
Concen: 92.674 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

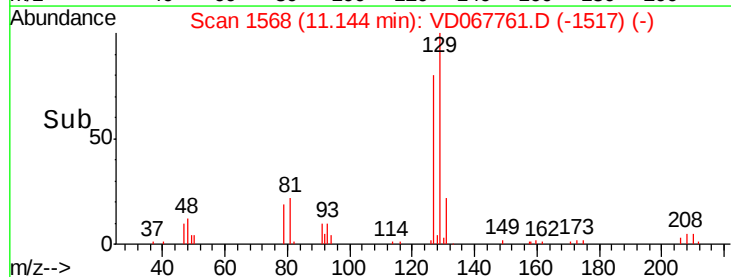
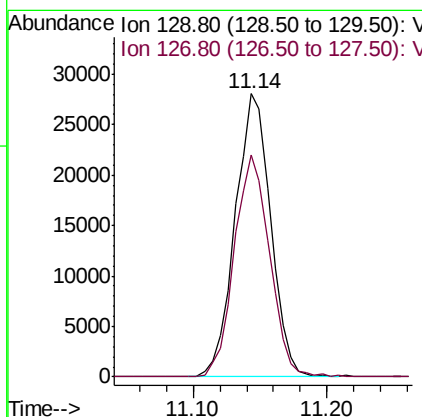
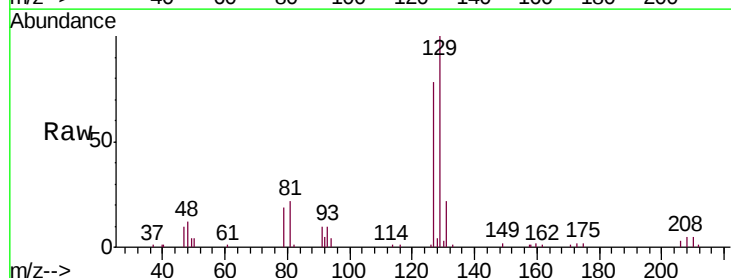
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

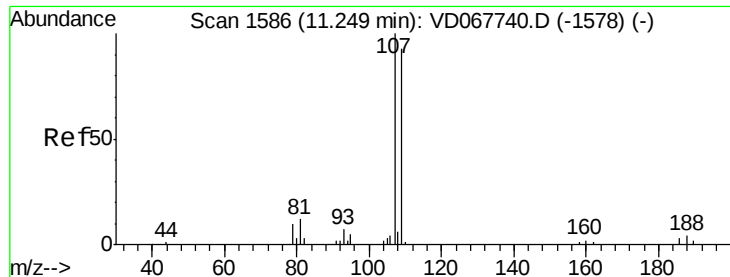
Tgt Ion: 43 Resp: 54079
Ion Ratio Lower Upper
43 100
58 61.4 30.5 91.5



#60
Dibromochloromethane
Concen: 20.061 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 129 Resp: 51475
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7

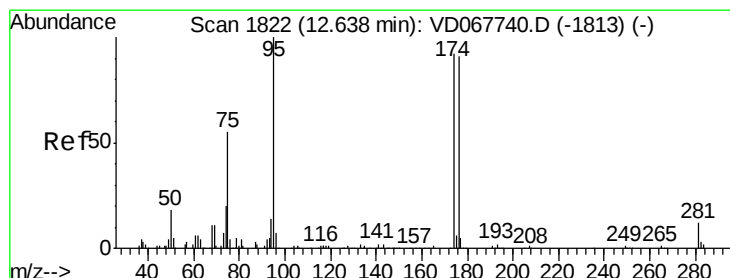
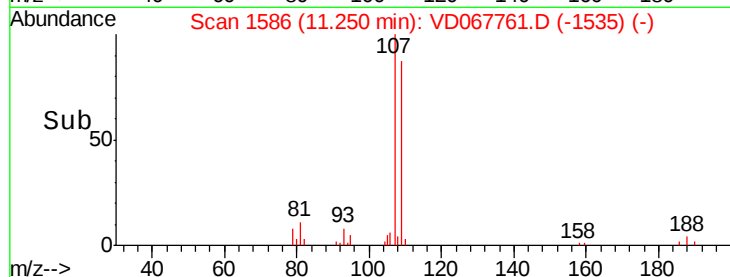
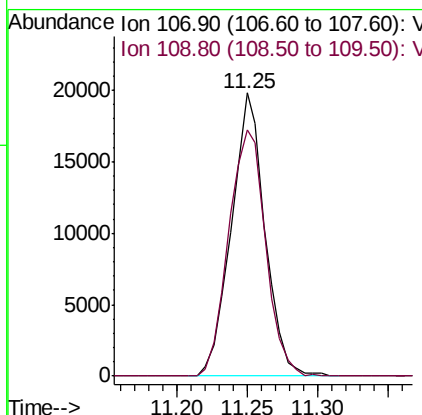
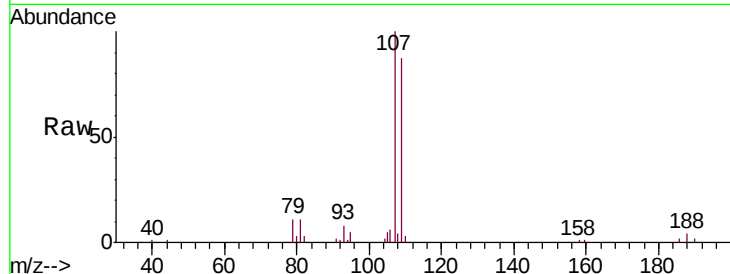




#61
 1,2-Dibromoethane
 Concen: 19.749 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

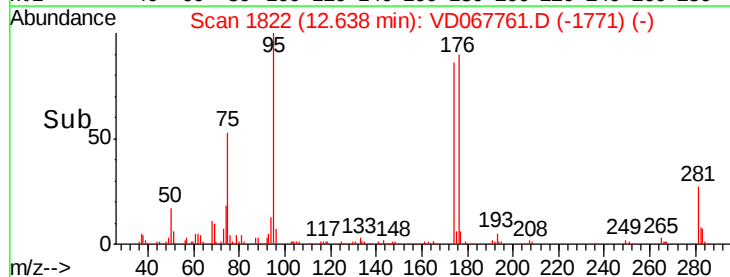
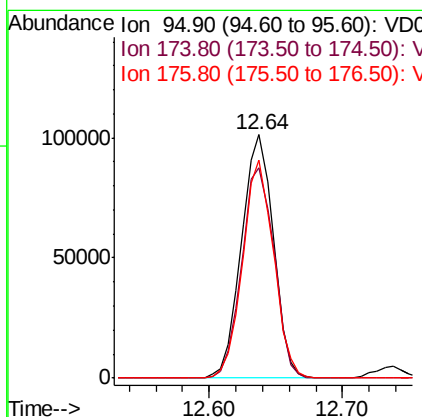
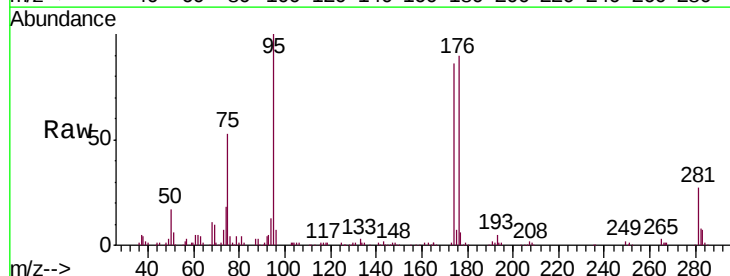
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

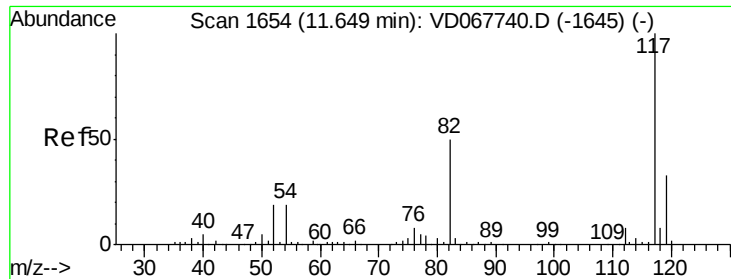
Tgt Ion: 107 Resp: 32766
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 55.233 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 95 Resp: 167437
 Ion Ratio Lower Upper
 95 100
 174 87.7 0.0 182.4
 176 86.4 0.0 178.2

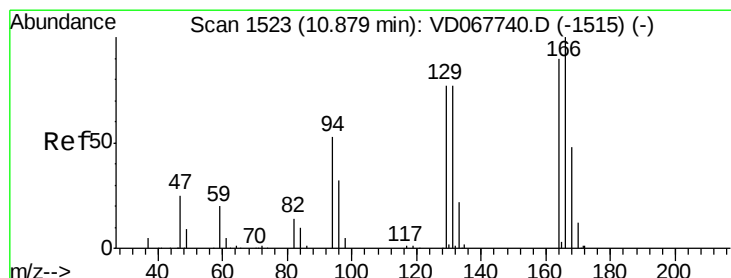
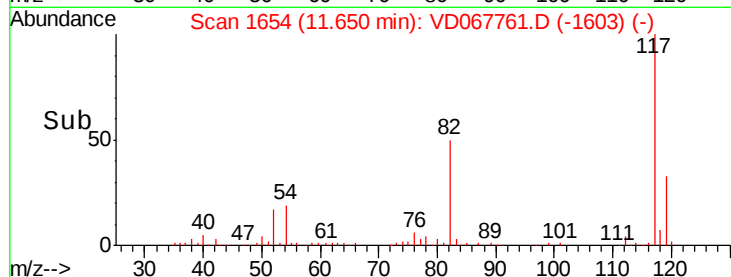
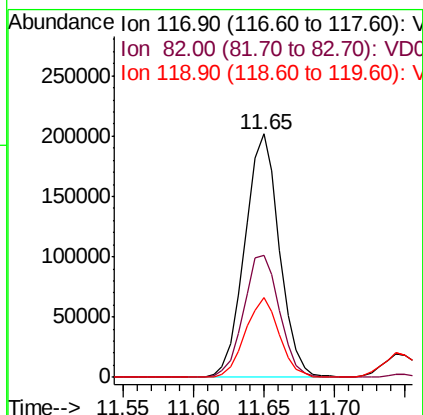
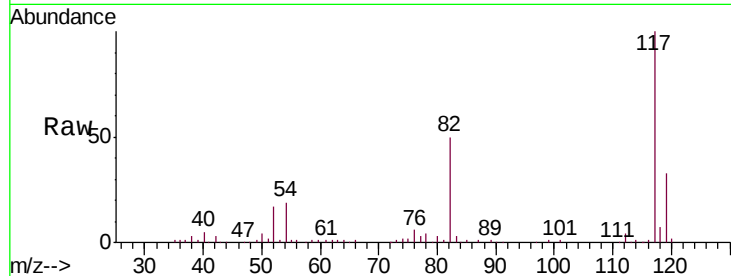




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

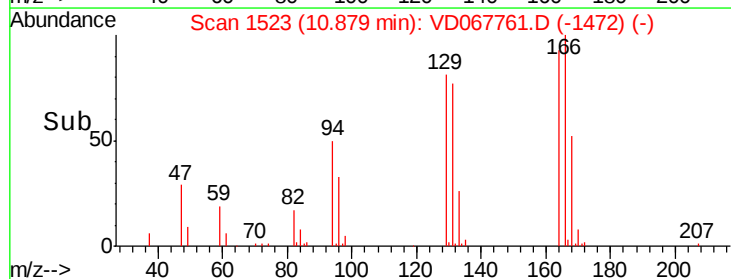
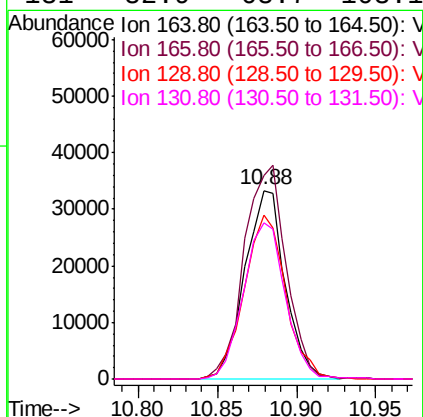
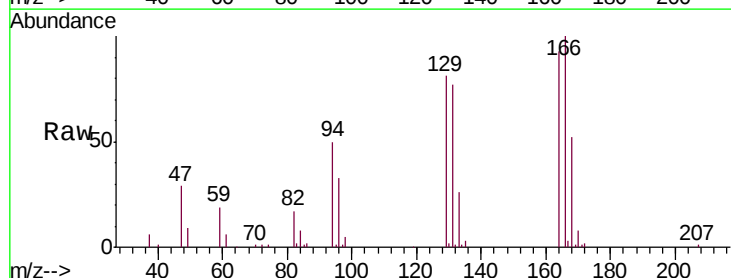
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

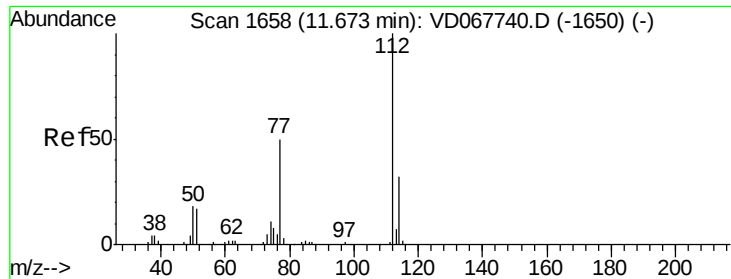
Tgt Ion:117 Resp: 347104
Ion Ratio Lower Upper
117 100
82 50.0 40.2 60.4
119 32.6 26.5 39.7



#64
Tetrachloroethene
Concen: 21.792 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion:164 Resp: 58709
Ion Ratio Lower Upper
164 100
166 107.9 89.2 133.8
129 87.1 68.4 102.6
131 82.9 68.7 103.1

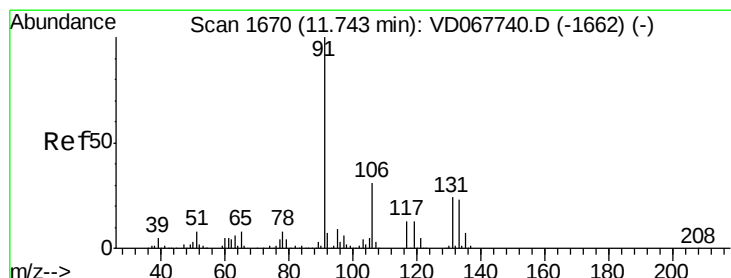
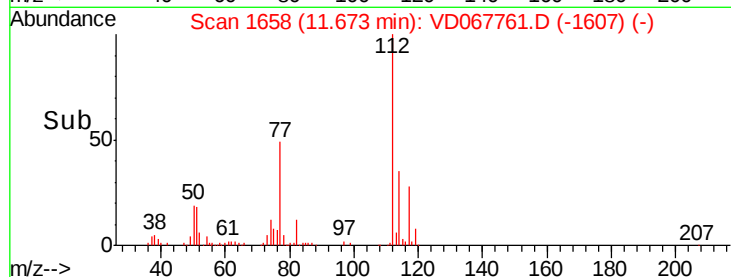
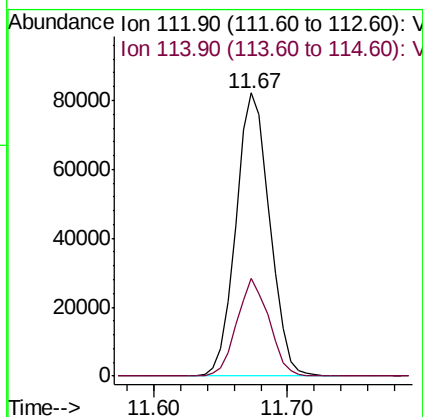
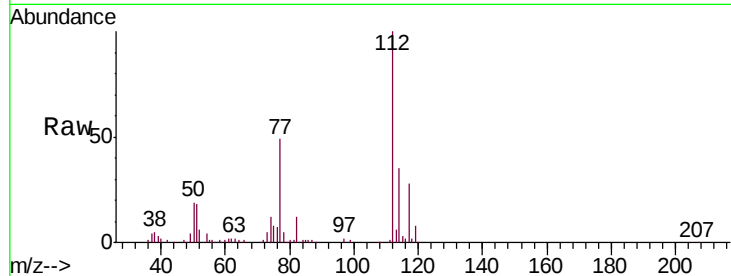




#65
Chlorobenzene
Concen: 21.081 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

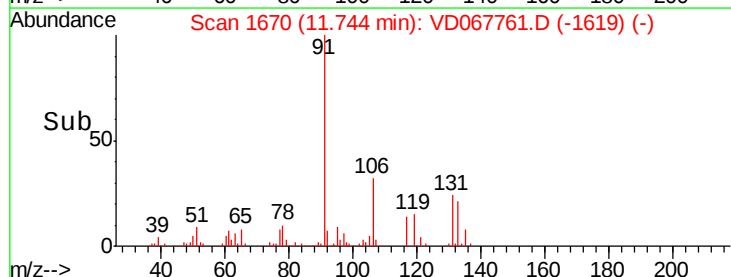
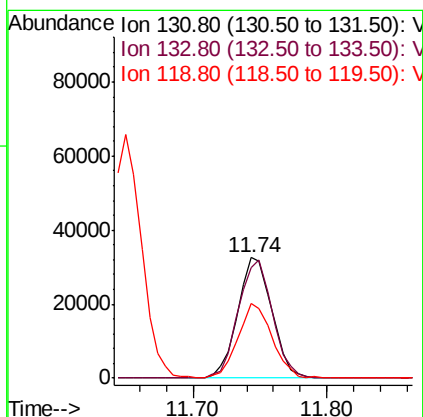
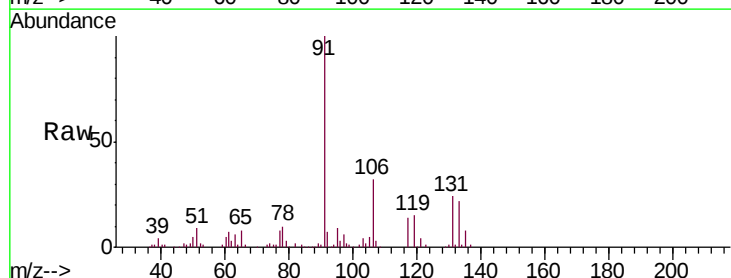
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

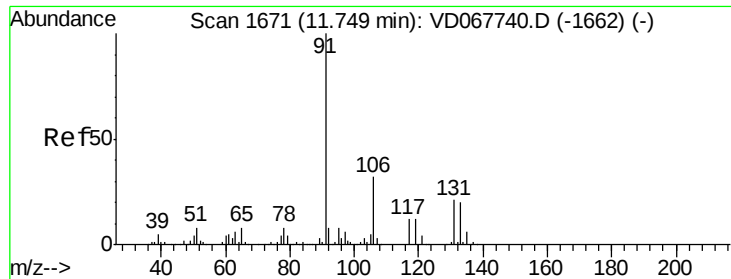
Tgt Ion:112 Resp: 143814
Ion Ratio Lower Upper
112 100
114 34.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.973 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion:131 Resp: 57876
Ion Ratio Lower Upper
131 100
133 97.2 49.0 147.0
119 61.3 28.8 86.5

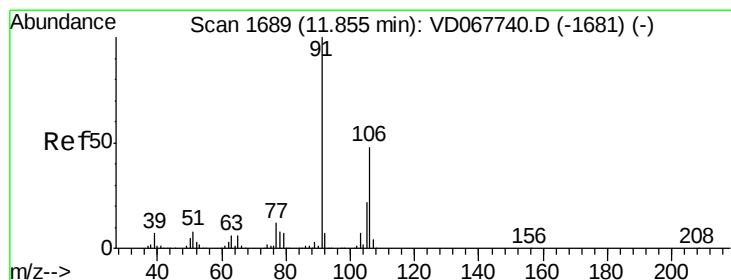
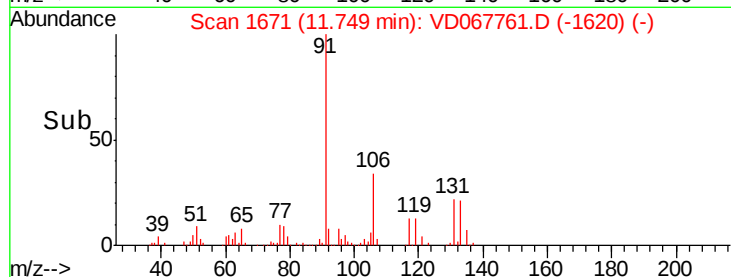
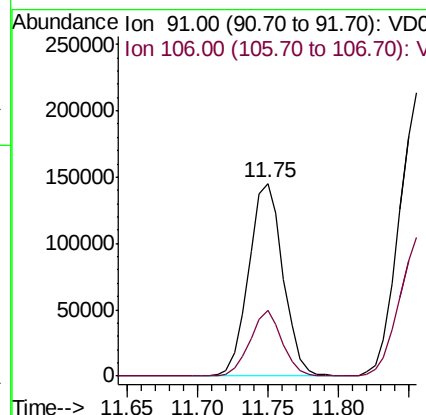
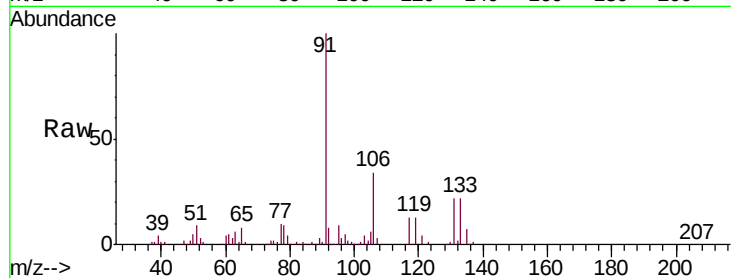




#67
Ethyl Benzene
Concen: 20.962 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

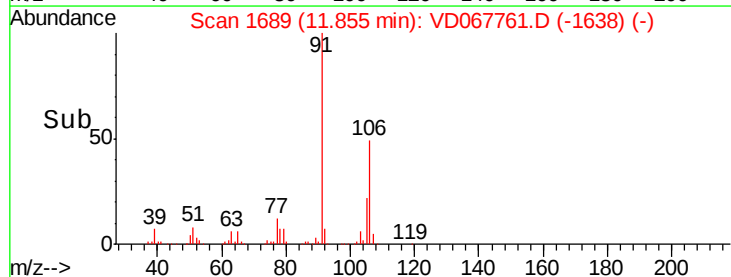
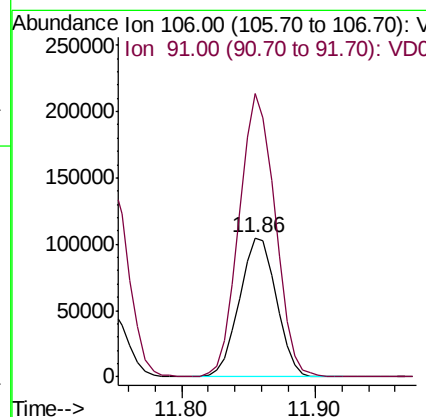
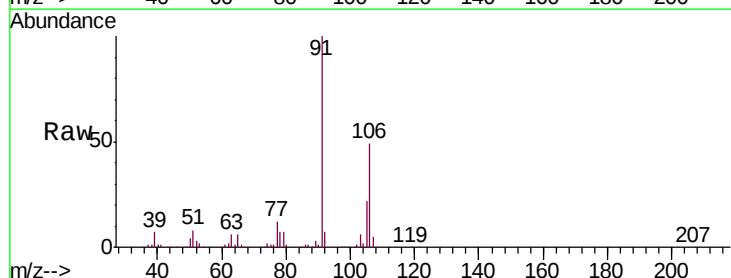
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

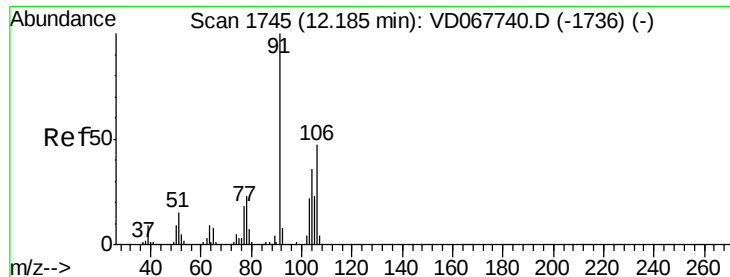
Tgt Ion: 91 Resp: 246873
Ion Ratio Lower Upper
91 100
106 33.9 25.7 38.5



#68
m/p-Xylenes
Concen: 43.871 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 106 Resp: 201068
Ion Ratio Lower Upper
106 100
91 199.2 163.0 244.6

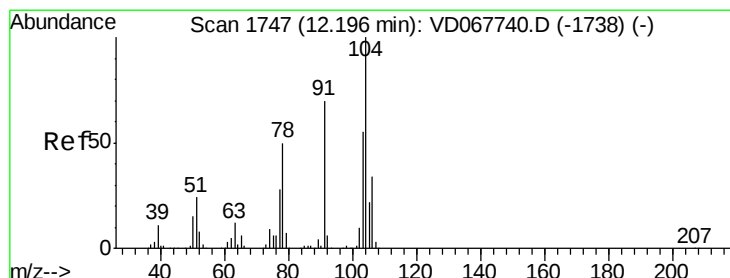
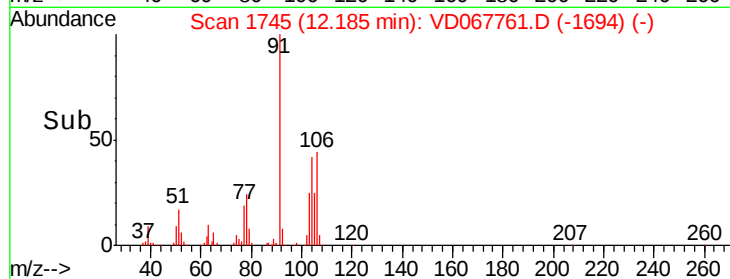
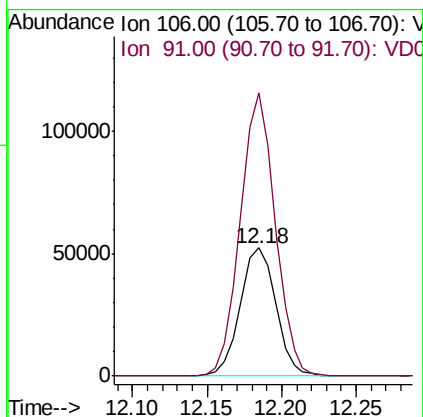
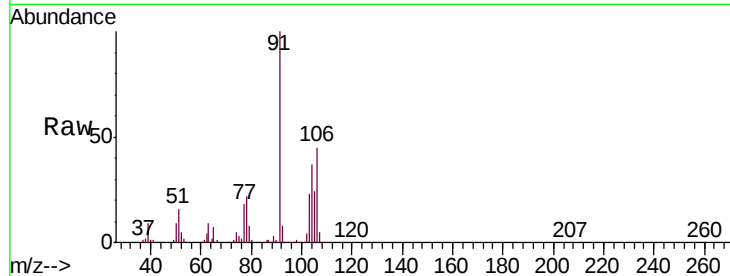




#69
o-Xylene
Concen: 20.851 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

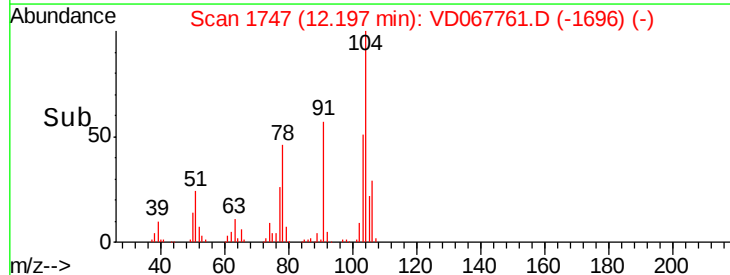
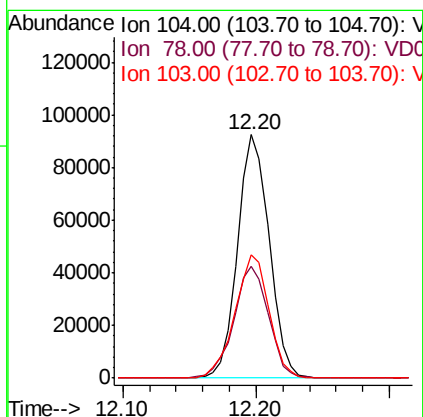
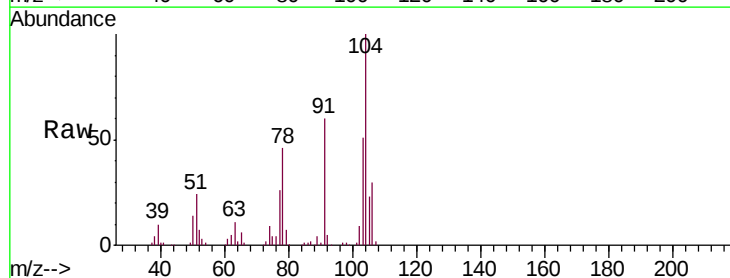
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

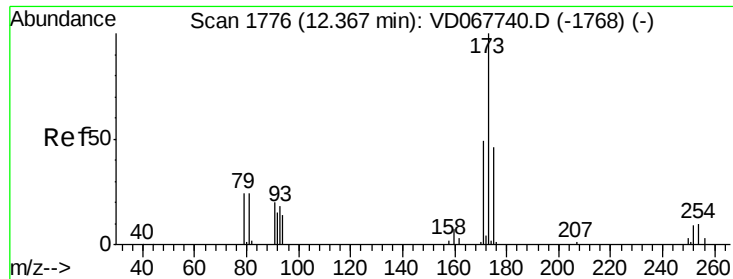
Tgt Ion:106 Resp: 87007
Ion Ratio Lower Upper
106 100
91 216.1 106.2 318.6



#70
Styrene
Concen: 21.339 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion:104 Resp: 151669
Ion Ratio Lower Upper
104 100
78 50.4 41.9 62.9
103 54.5 44.1 66.1

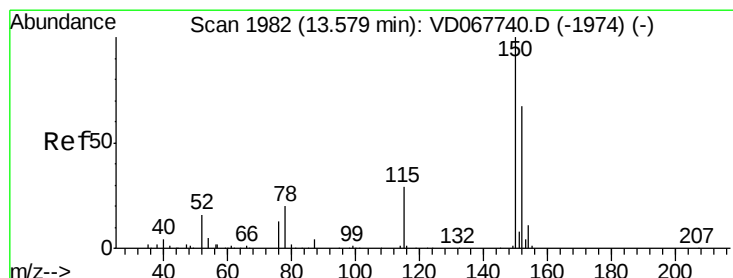
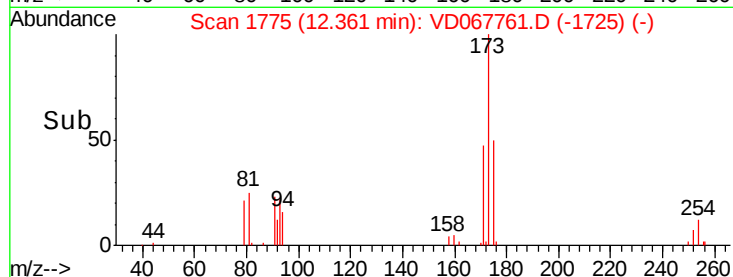
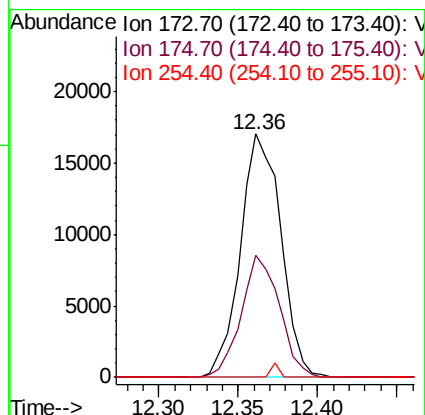
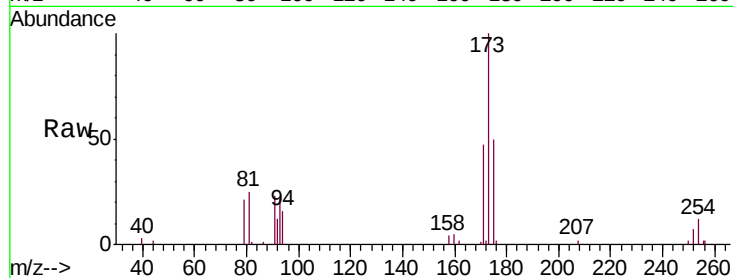




#71
Bromoform
Concen: 20.207 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

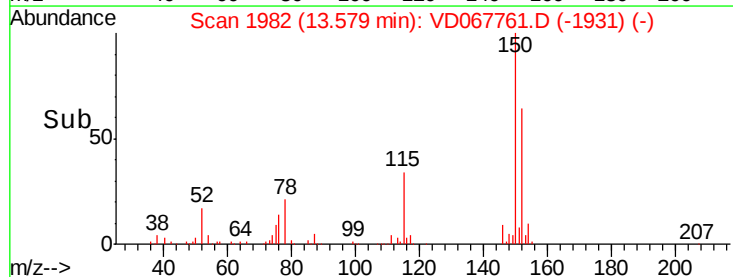
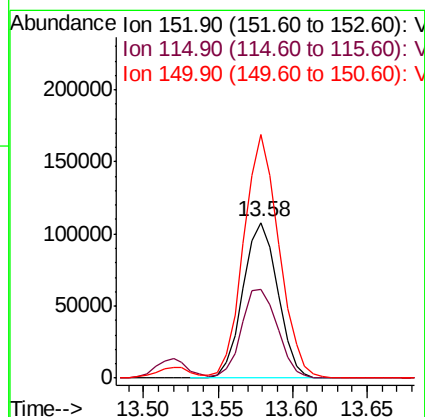
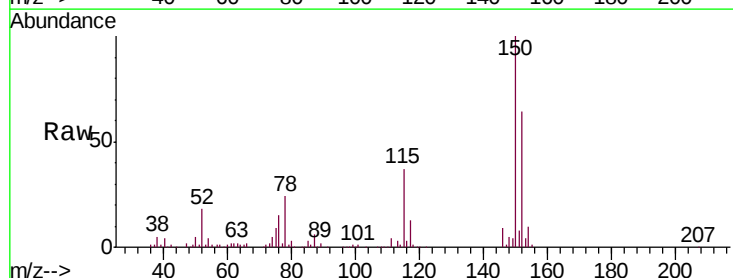
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

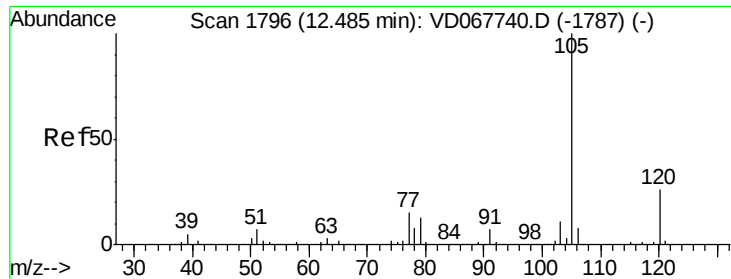
Tgt Ion:173 Resp: 30272
Ion Ratio Lower Upper
173 100
175 47.5 23.9 71.7
254 1.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion:152 Resp: 174731
Ion Ratio Lower Upper
152 100
115 59.3 29.4 88.3
150 158.7 0.0 340.6





#73

Isopropylbenzene

Concen: 21.661 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

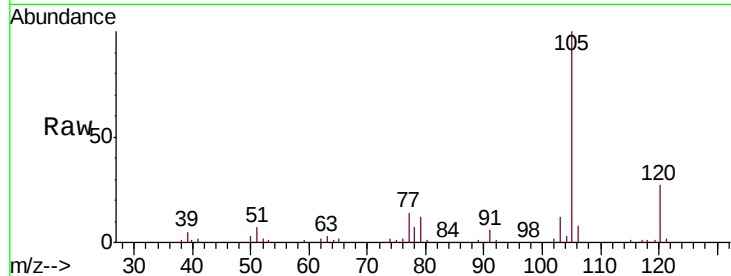
VD1124SBS01

Tgt Ion: 105 Resp: 249027

Ion Ratio Lower Upper

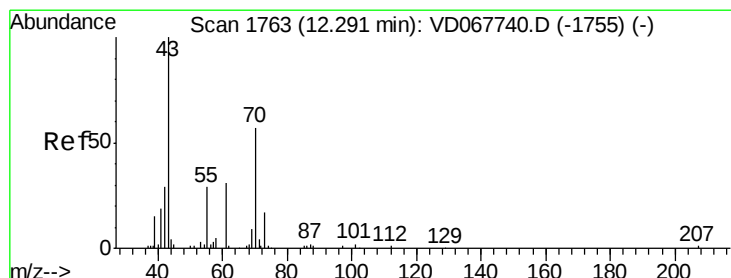
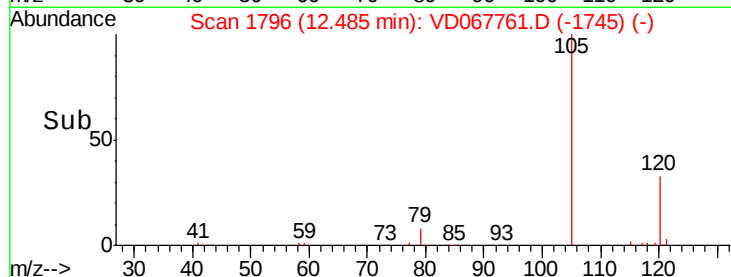
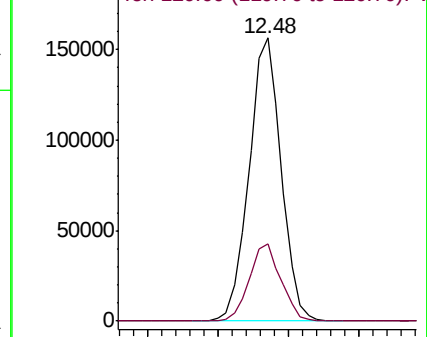
105 100

120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.527 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Tgt Ion: 43 Resp: 29604

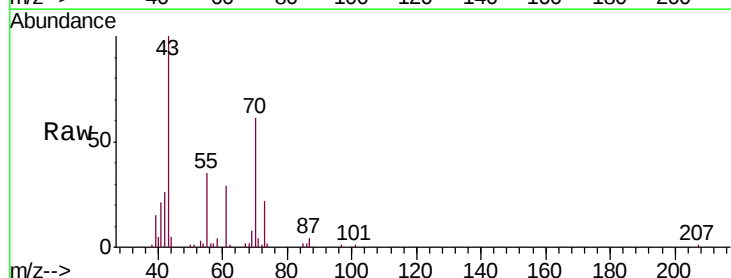
Ion Ratio Lower Upper

43 100

70 52.9 44.6 66.8

55 32.1 24.2 36.2

61 29.8 22.0 33.0

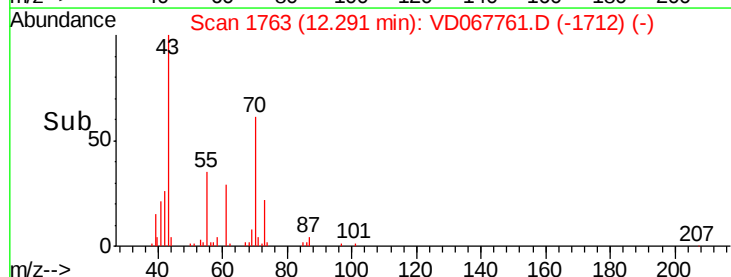
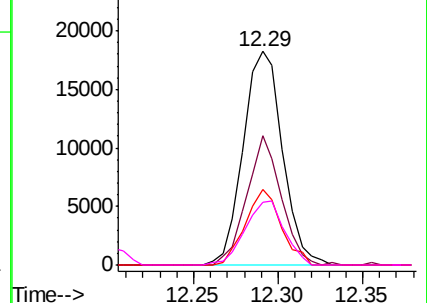


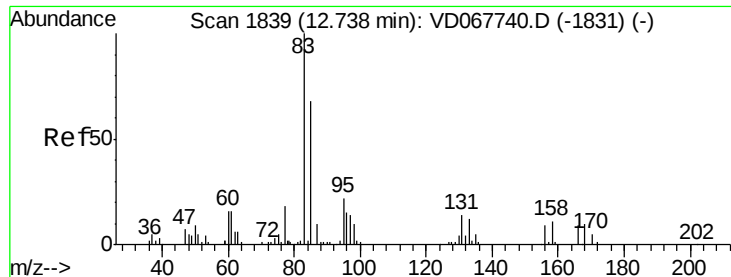
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.491 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

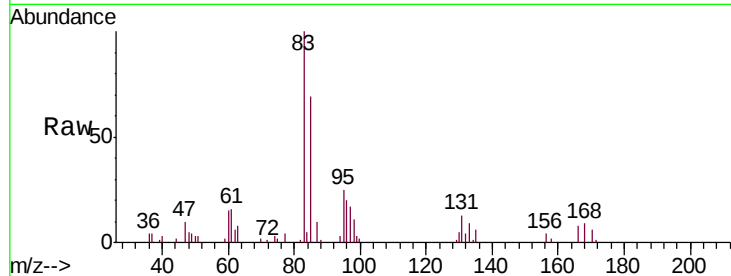
Tgt Ion: 83 Resp: 30073

Ion Ratio Lower Upper

83 100

131 14.9 8.1 24.1

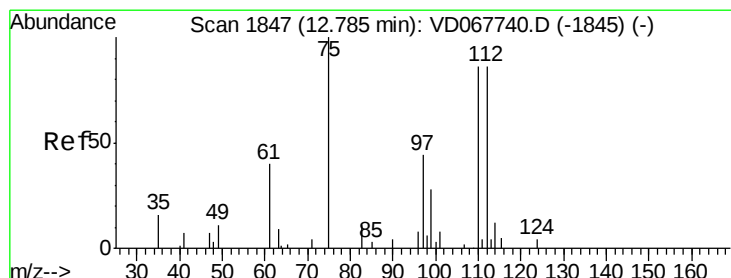
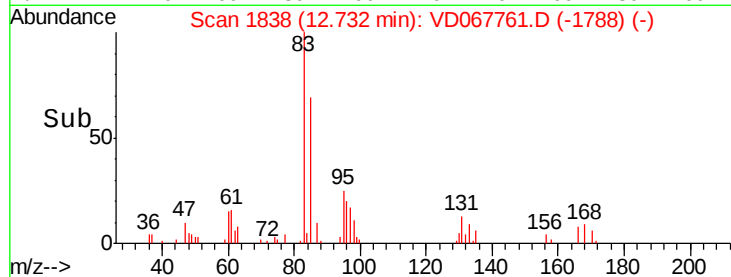
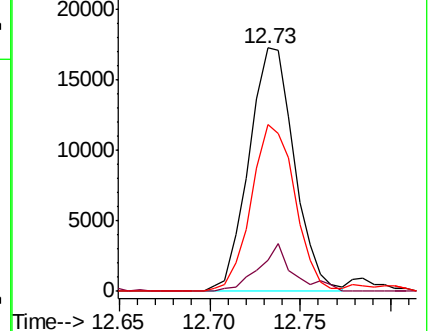
85 66.3 33.9 101.7



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: 37.524 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067761.D

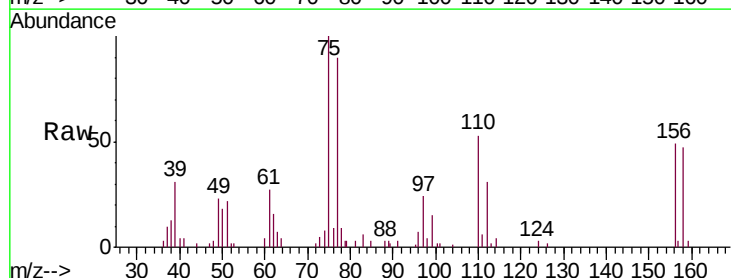
Acq: 24 Nov 2020 11:36

Tgt Ion: 75 Resp: 45696

Ion Ratio Lower Upper

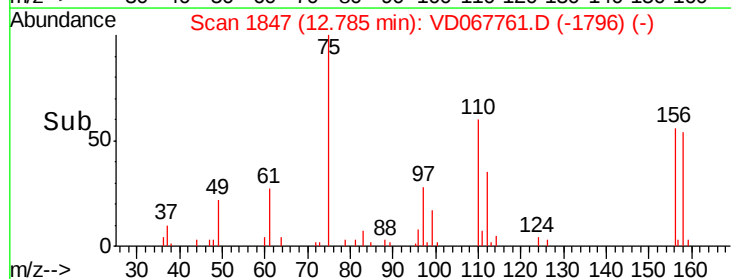
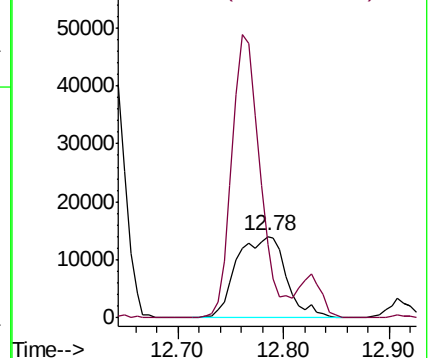
75 100

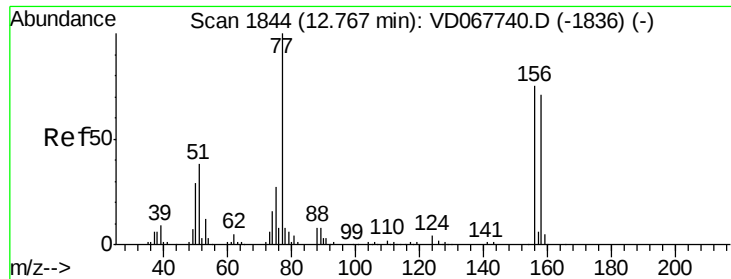
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.130 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

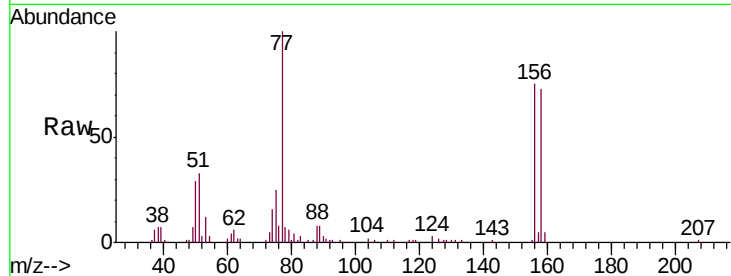
Tgt Ion:156 Resp: 60808

Ion Ratio Lower Upper

156 100

77 150.1 73.5 220.3

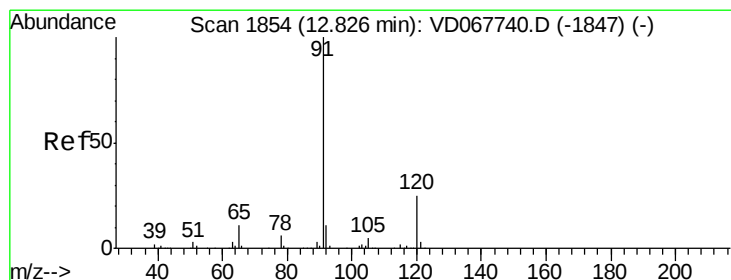
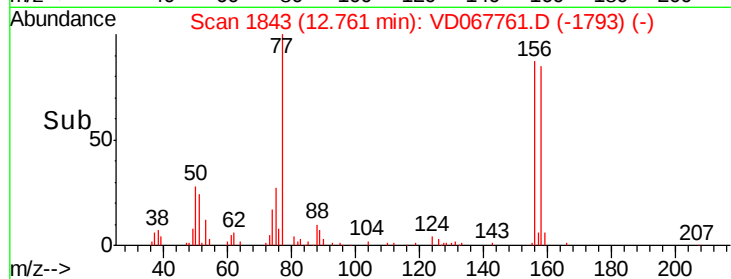
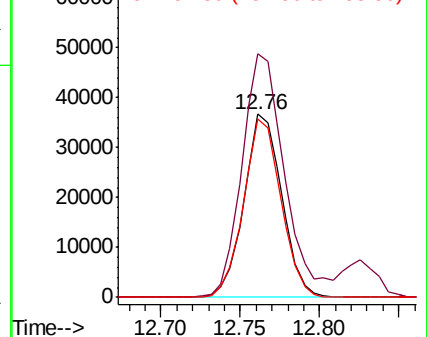
158 96.4 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.205 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067761.D

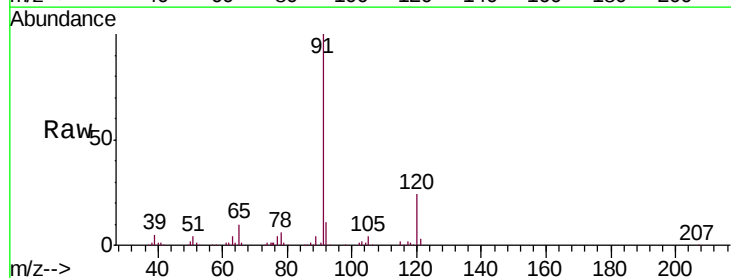
Acq: 24 Nov 2020 11:36

Tgt Ion: 91 Resp: 284018

Ion Ratio Lower Upper

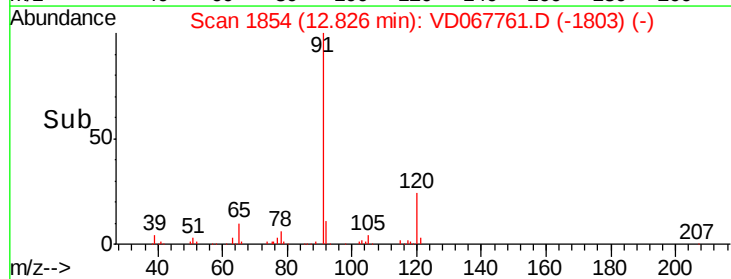
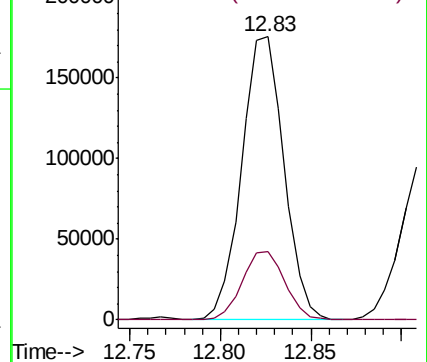
91 100

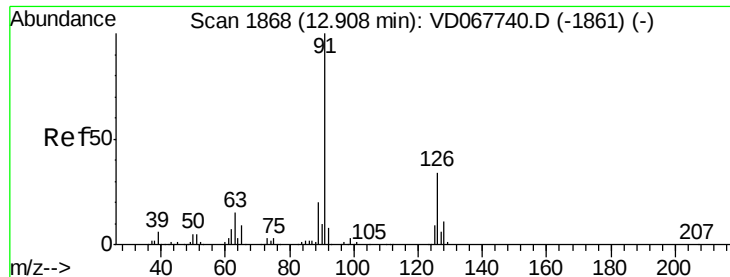
120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.314 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

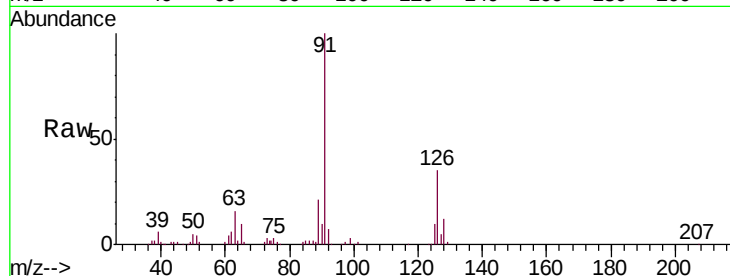
VD1124SBS01

Tgt Ion: 91 Resp: 161403

Ion Ratio Lower Upper

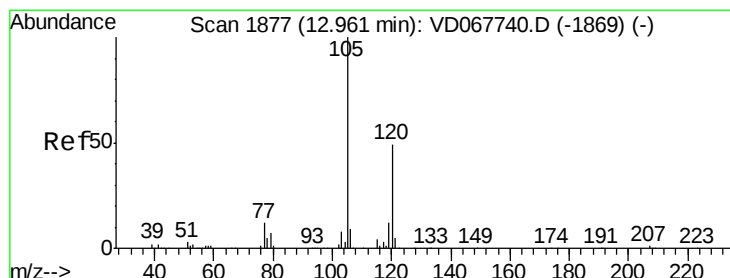
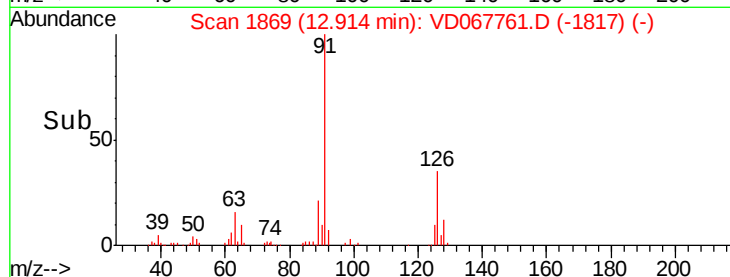
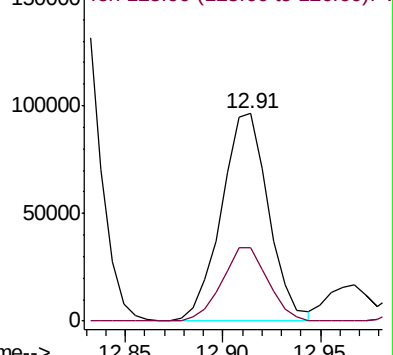
91 100

126 34.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VD067740.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD067740.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.057 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD067761.D

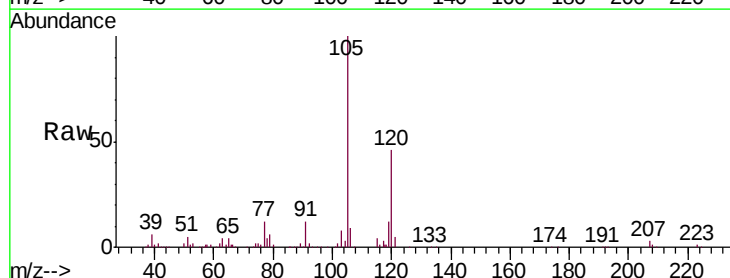
Acq: 24 Nov 2020 11:36

Tgt Ion: 105 Resp: 220557

Ion Ratio Lower Upper

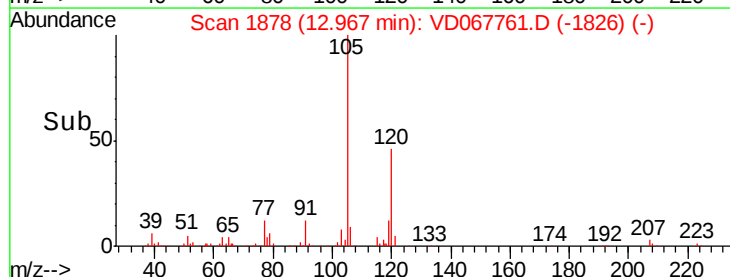
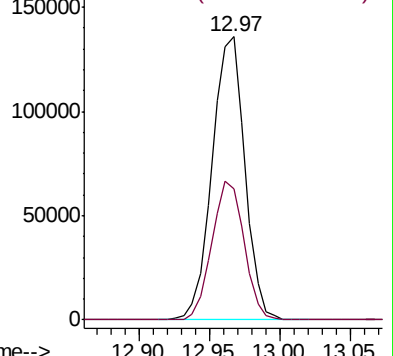
105 100

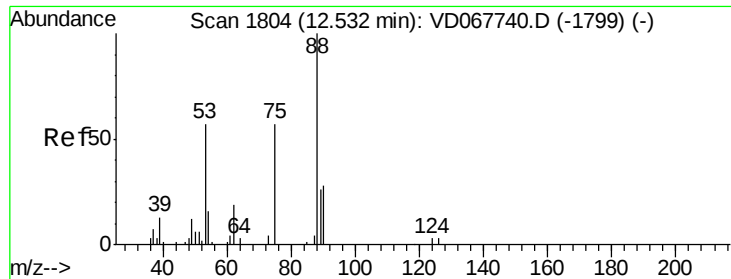
120 48.2 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD067740.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD067740.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.348 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

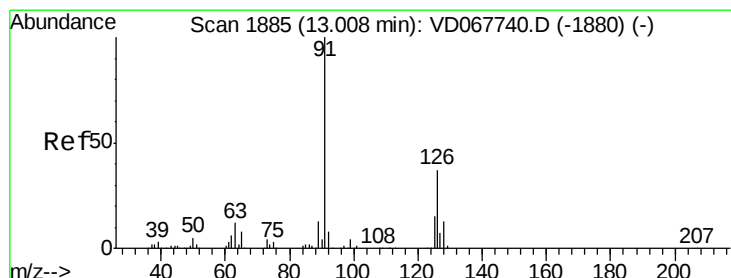
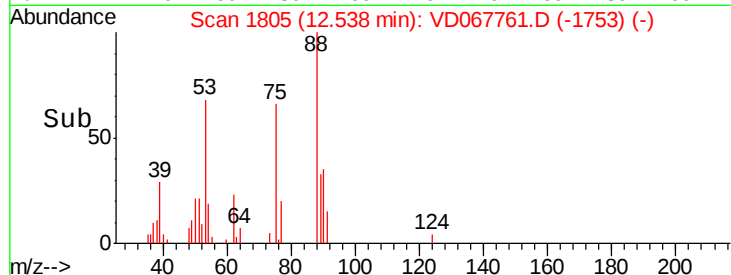
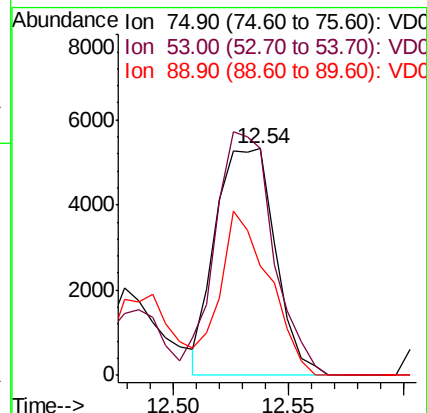
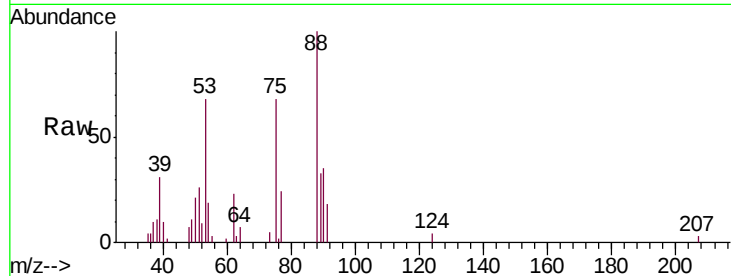
Tgt Ion: 75 Resp: 9553

Ion Ratio Lower Upper

75 100

53 105.0 76.0 114.0

89 60.1 40.2 60.4



#82

4-Chlorotoluene

Concen: 21.272 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067761.D

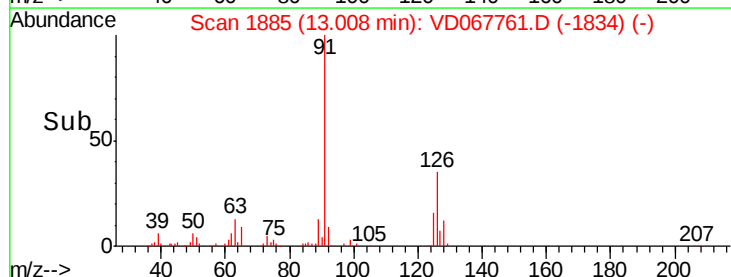
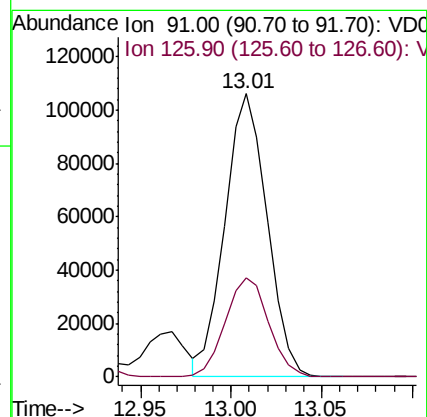
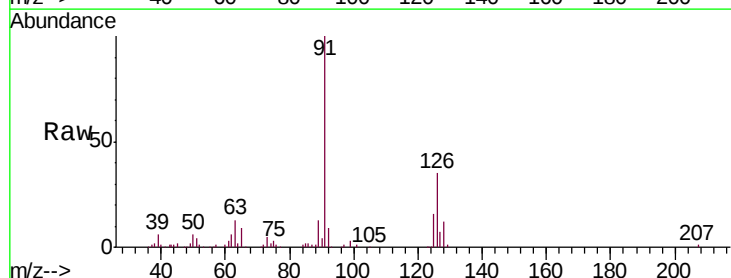
Acq: 24 Nov 2020 11:36

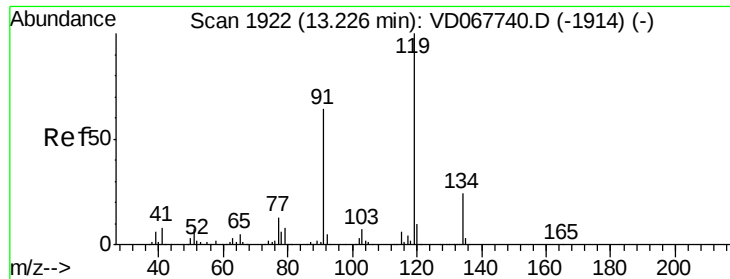
Tgt Ion: 91 Resp: 171644

Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1

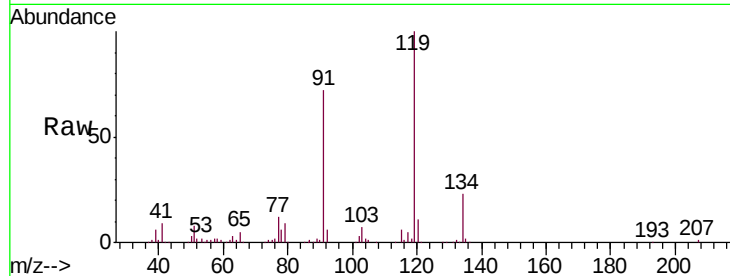




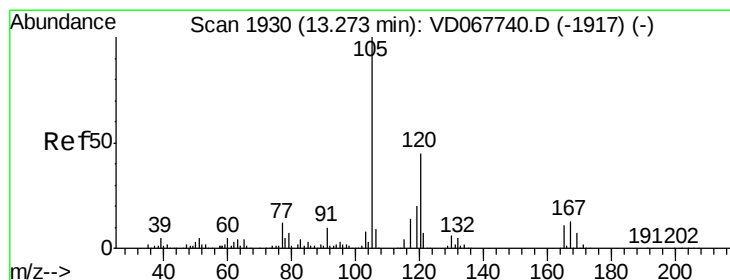
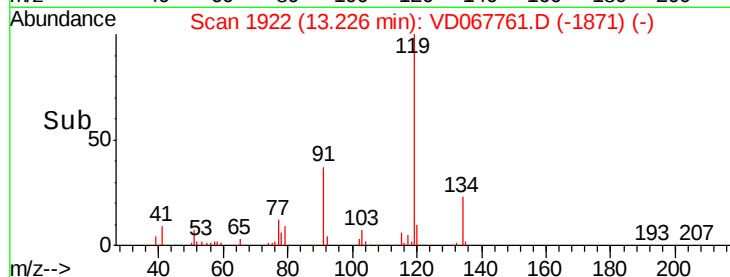
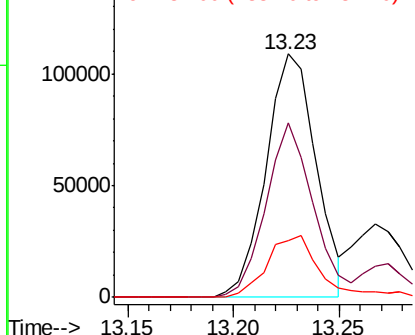
#83
tert-Butylbenzene
Concen: 20.923 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tgt Ion:119 Resp: 179783
Ion Ratio Lower Upper
119 100
91 67.5 32.9 98.7
134 27.5 12.9 38.6

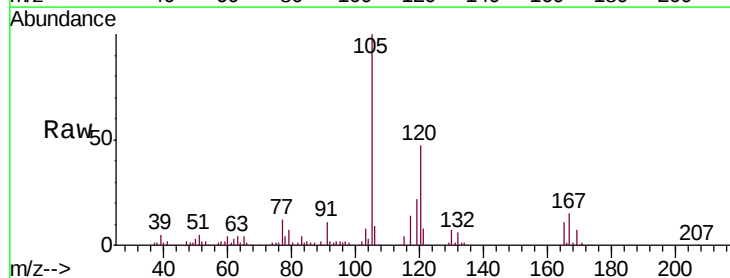


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

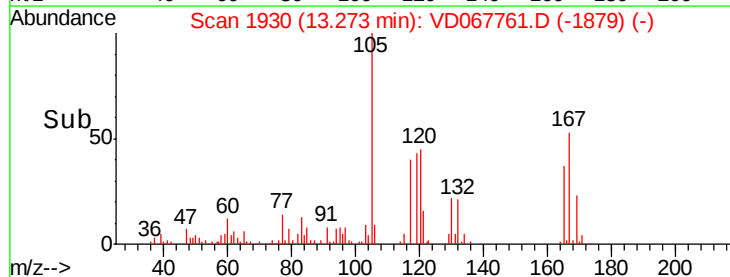
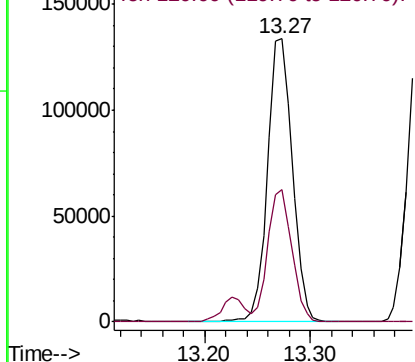


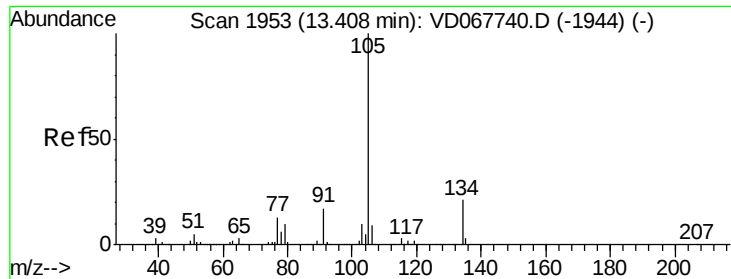
#84
1,2,4-Trimethylbenzene
Concen: 21.792 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion:105 Resp: 217681
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

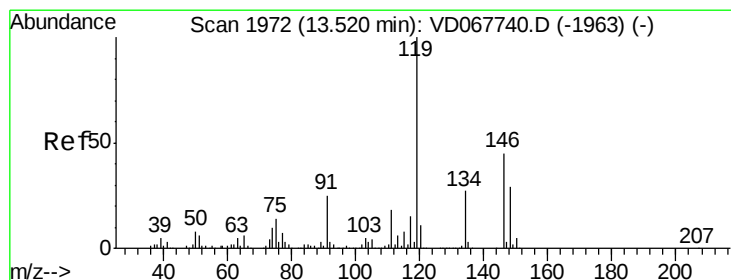
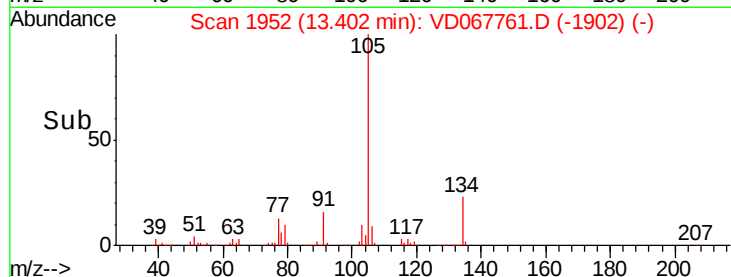
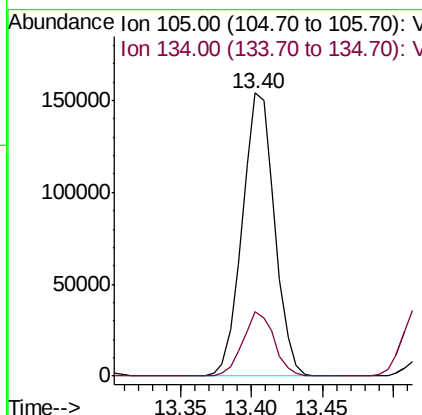
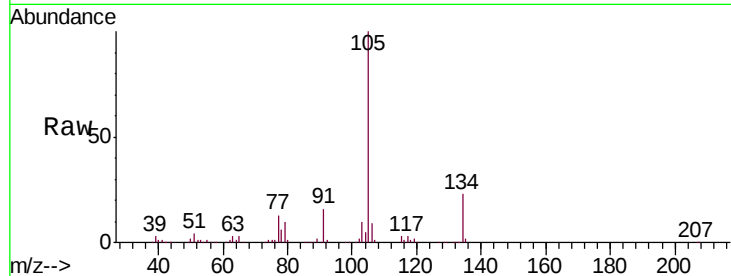




#85
 sec-Butylbenzene
 Concen: 21.871 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

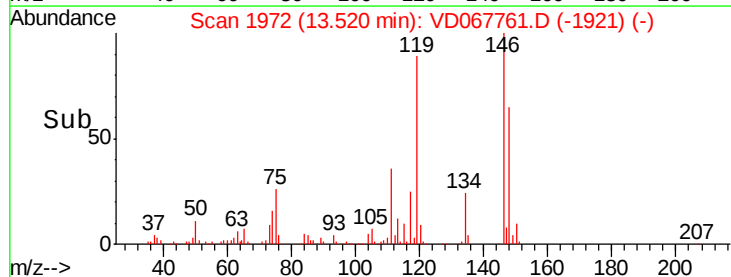
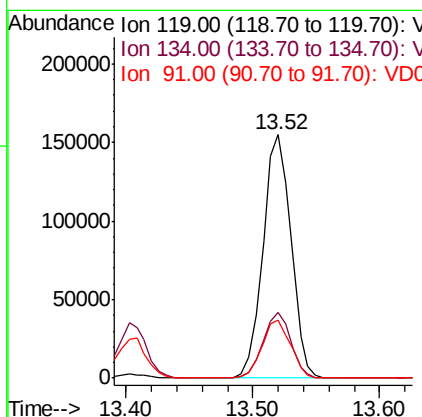
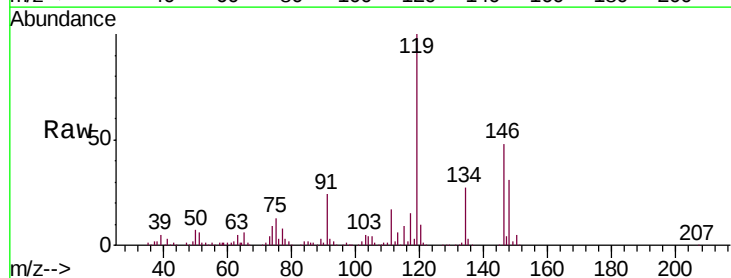
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

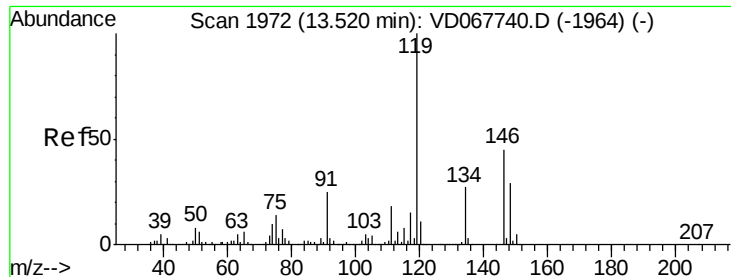
Tgt Ion:105 Resp: 246883
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 21.850 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion:119 Resp: 238899
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 38.9
 91 24.5 12.7 38.1

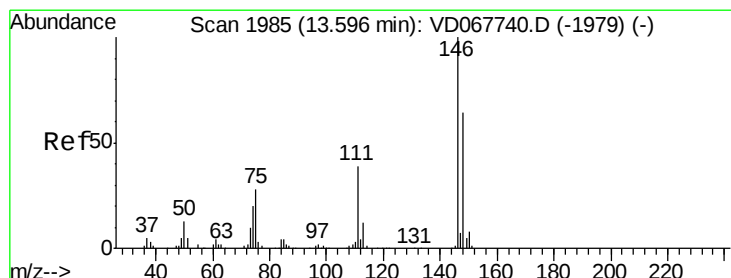
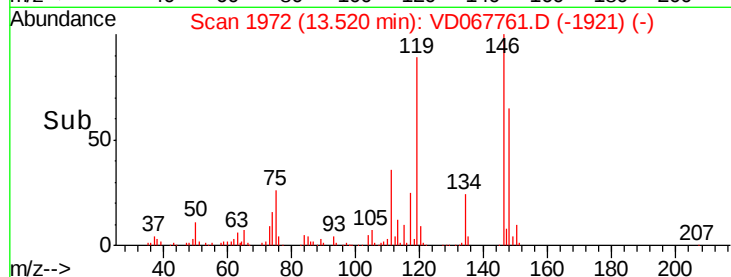
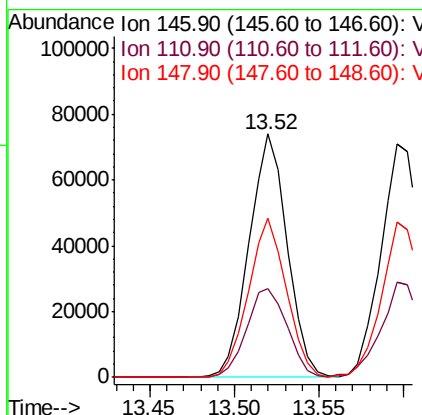
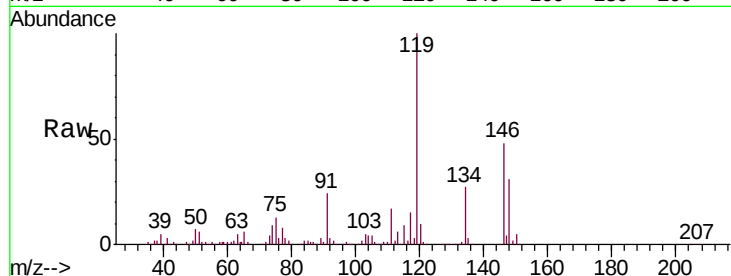




#87
 1,3-Dichlorobenzene
 Concen: 20.871 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

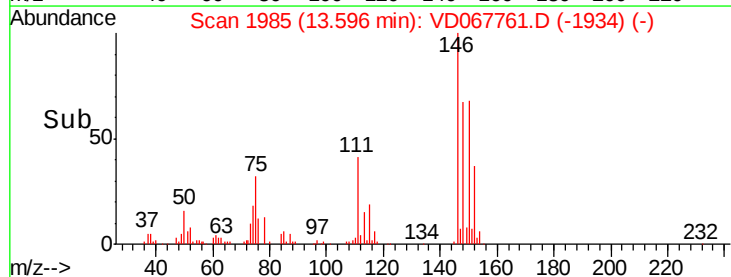
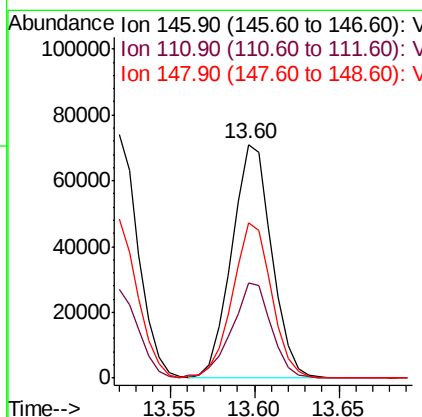
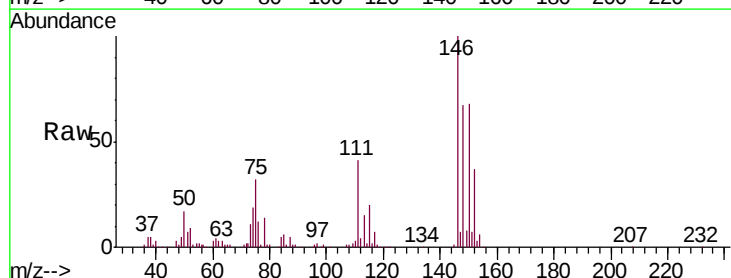
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

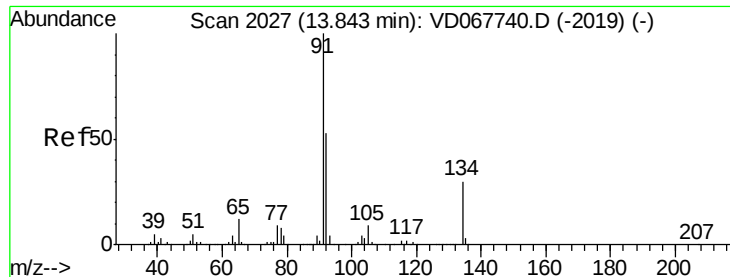
Tgt Ion:146 Resp: 116247
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.2 60.6
 148 65.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 21.164 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion:146 Resp: 116770
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.4 58.4
 148 65.1 31.6 94.8

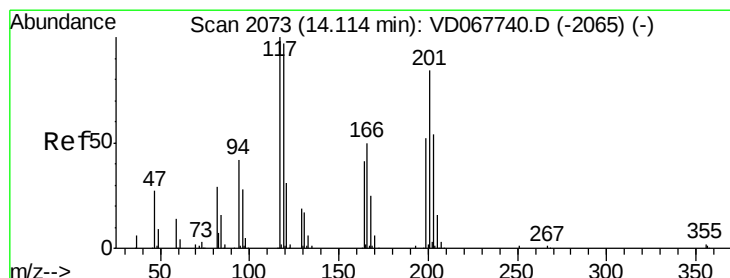
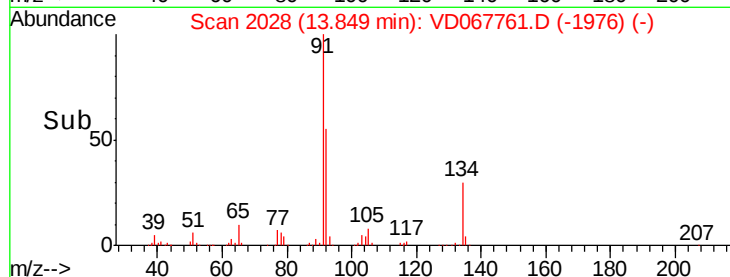
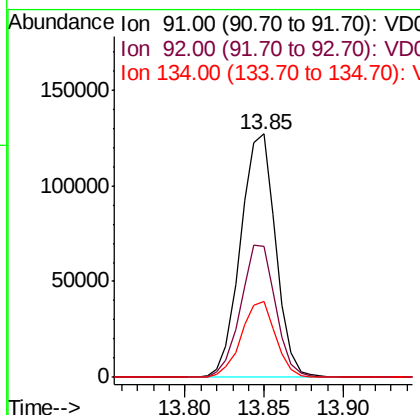
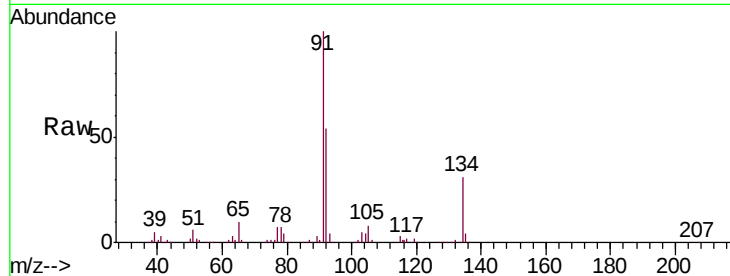




#89
n-Butylbenzene
Concen: 20.835 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

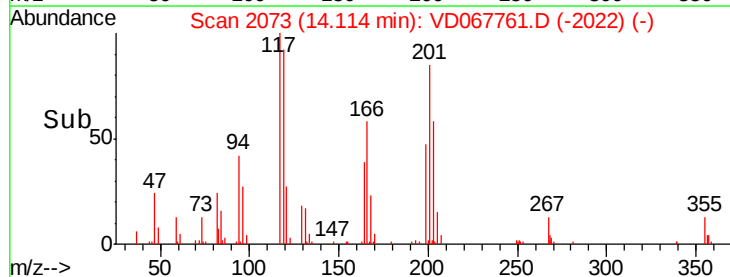
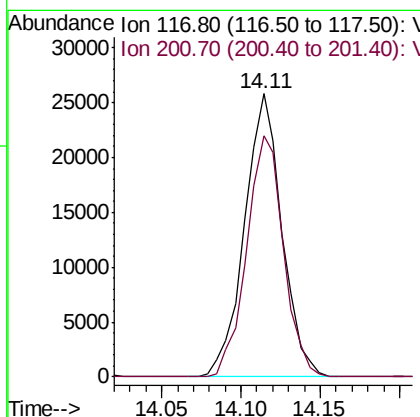
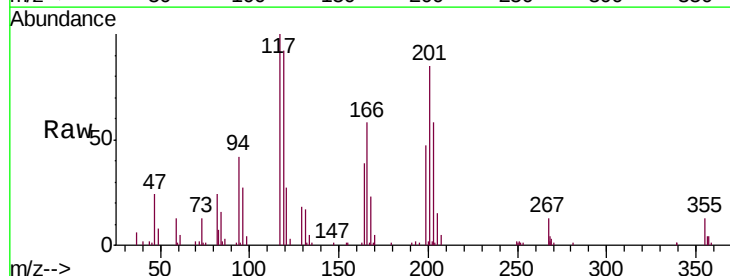
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

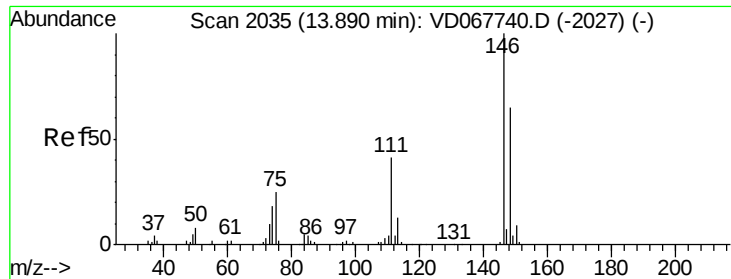
Tgt Ion: 91 Resp: 195210
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.7
134 30.4 14.8 44.3



#90
Hexachloroethane
Concen: 20.299 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 117 Resp: 42248
Ion Ratio Lower Upper
117 100
201 83.7 42.2 126.6

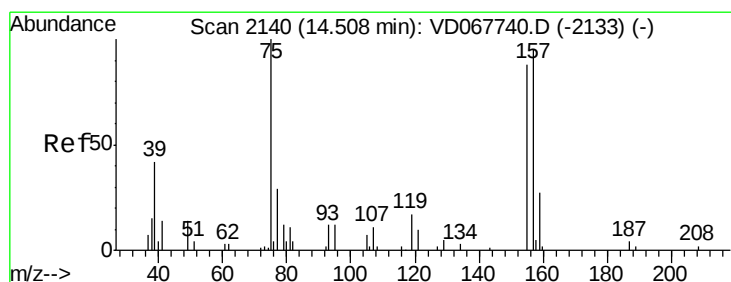
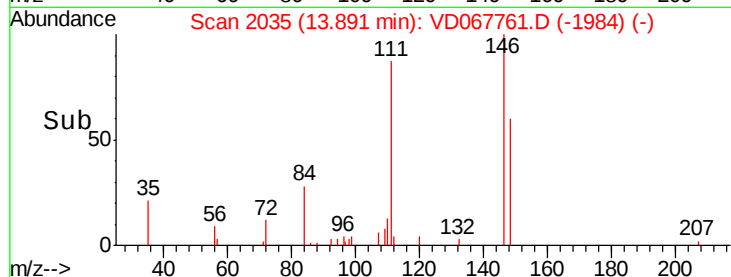
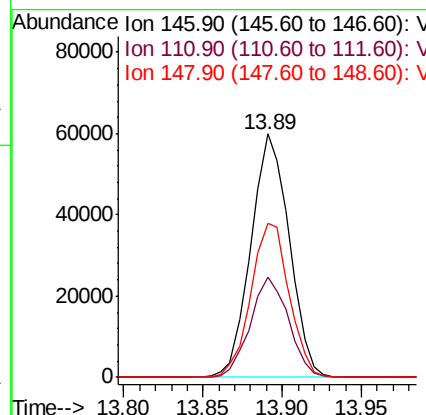
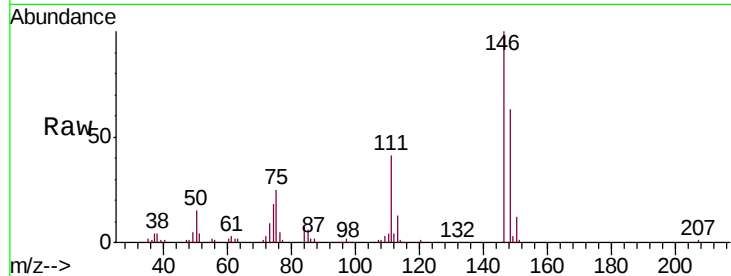




#91
 1,2-Dichlorobenzene
 Concen: 20.978 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

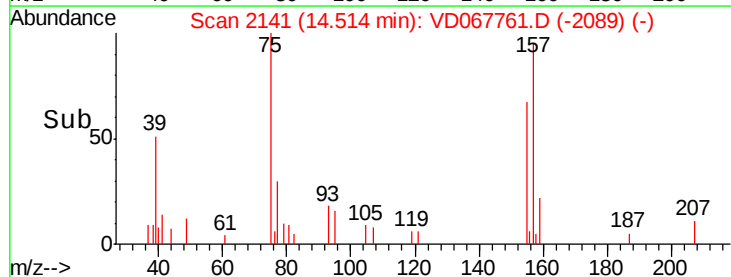
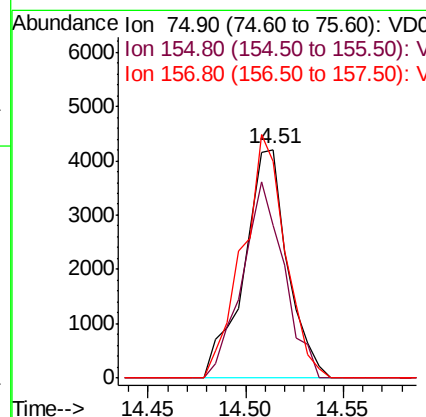
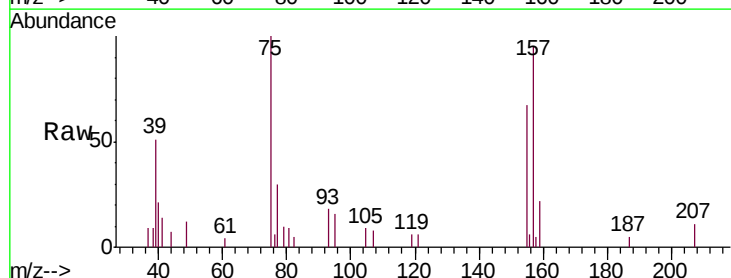
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

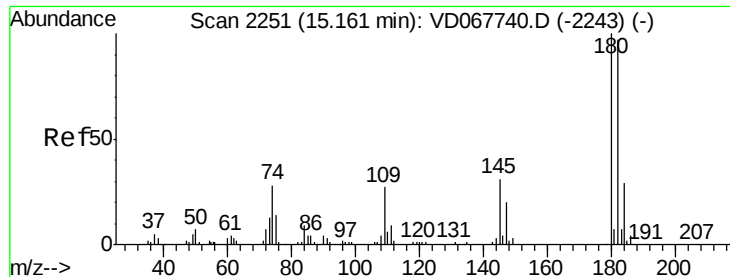
Tgt Ion:146 Resp: 100652
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 63.4 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.565 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 75 Resp: 6508
 Ion Ratio Lower Upper
 75 100
 155 81.9 41.0 123.0
 157 104.2 51.1 153.4

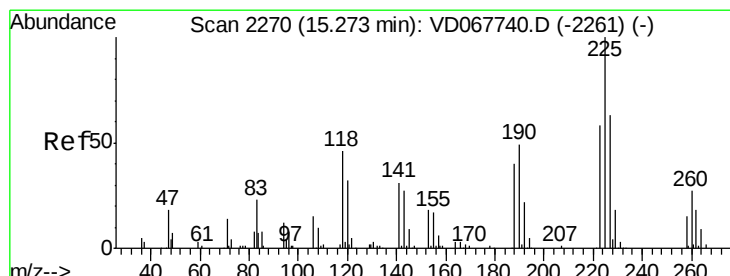
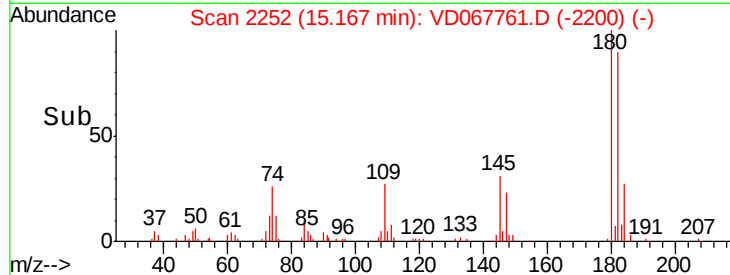
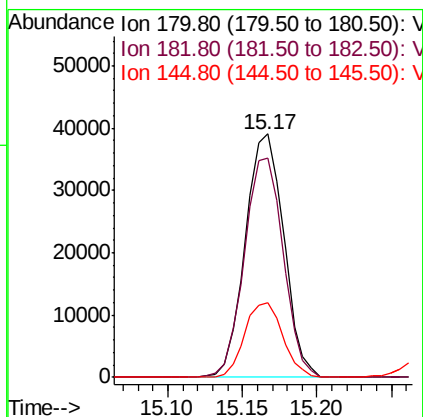
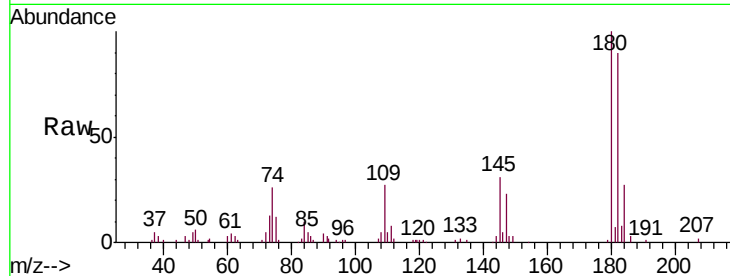




#93
 1,2,4-Trichlorobenzene
 Concen: 20.471 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

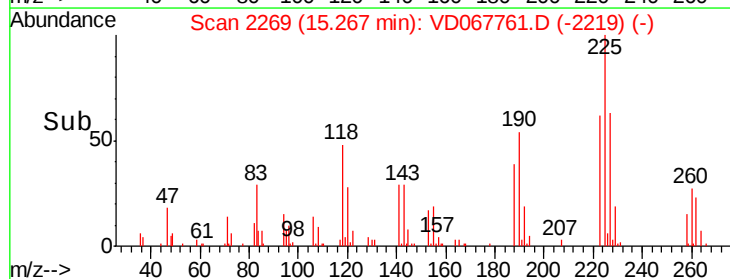
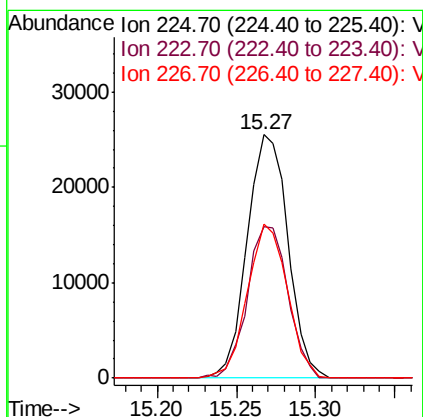
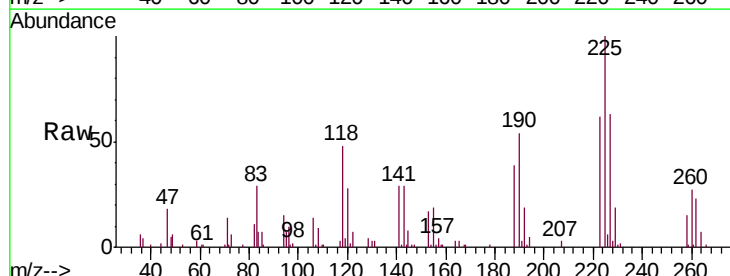
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

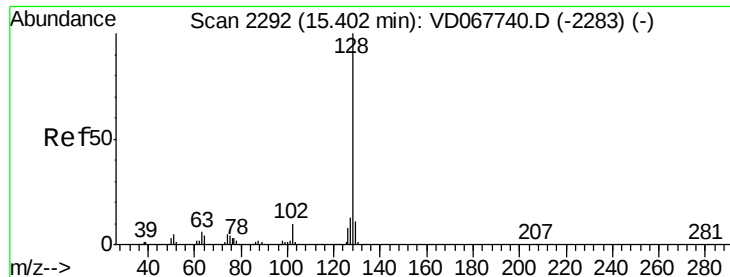
Tgt Ion:180 Resp: 69546
 Ion Ratio Lower Upper
 180 100
 182 91.4 47.4 142.2
 145 30.3 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 21.034 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion:225 Resp: 45656
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.5 94.5
 227 62.2 32.9 98.7

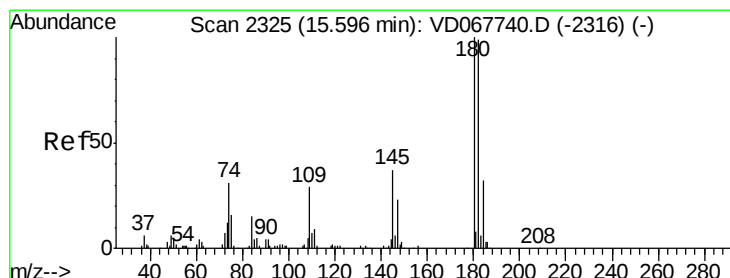
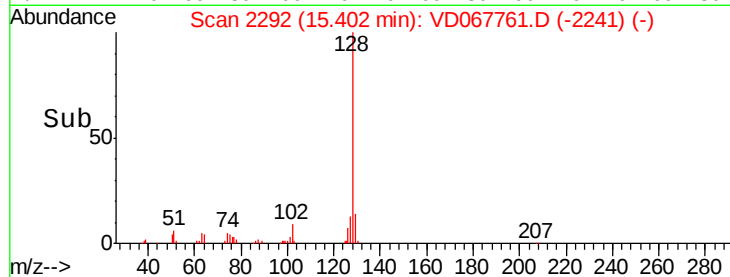
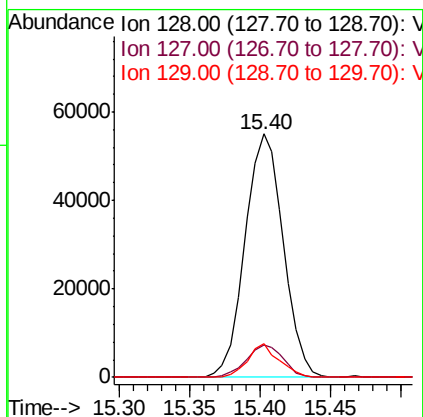
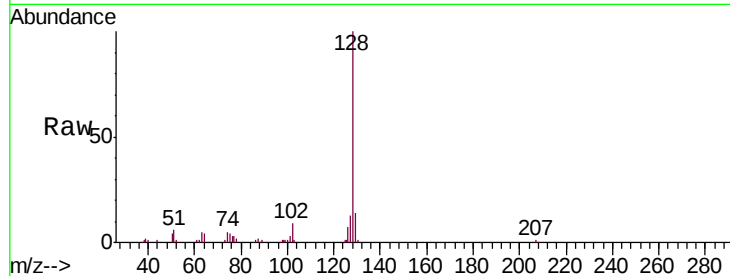




#95
Naphthalene
Concen: 18.985 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tgt Ion:128 Resp: 104382
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.035 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion:180 Resp: 57978
Ion Ratio Lower Upper
180 100
182 93.0 48.0 144.0
145 33.4 16.8 50.4

