

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067486.D
 Acq On : 02 Nov 2020 12:48
 Operator : VA/SY
 Sample : VD1102SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Quant Time: Nov 02 15:03:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	283210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	415208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	380650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	138278	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	7.92	113	138747	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	10.34	98	499583	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.64	95	176740	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	46647	17.694	ug/l	99
3) Chloromethane	2.21	50	32478	18.222	ug/l	97
4) Vinyl Chloride	2.35	62	36542	18.685	ug/l	100
5) Bromomethane	2.77	94	30172	20.799	ug/l	91
6) Chloroethane	2.93	64	23230	19.073	ug/l #	83
7) Trichlorofluoromethane	3.28	101	103380	20.993	ug/l	86
8) Diethyl Ether	3.71	74	21442	19.028	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	51911	19.841	ug/l	98
10) Methyl Iodide	4.30	142	50855	21.071	ug/l	95
11) Tert butyl alcohol	5.21	59	15069	69.170	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	46097	19.722	ug/l	87
13) Acrolein	3.93	56	6919	58.930	ug/l	98
14) Allyl chloride	4.72	41	54685	20.430	ug/l	97
15) Acrylonitrile	5.43	53	37043	98.519	ug/l	99
16) Acetone	4.16	43	39087	98.364	ug/l	92
17) Carbon Disulfide	4.41	76	120068	18.019	ug/l	97
18) Methyl Acetate	4.72	43	16996	18.752	ug/l #	74
19) Methyl tert-butyl Ether	5.48	73	89210	19.195	ug/l	97
20) Methylene Chloride	4.96	84	61696	21.698	ug/l	97
21) trans-1,2-Dichloroethene	5.49	96	53919	20.046	ug/l	92
22) Diisopropyl ether	6.37	45	101827	20.825	ug/l	96
23) Vinyl Acetate	6.31	43	273639	98.364	ug/l	100
24) 1,1-Dichloroethane	6.27	63	86293	20.616	ug/l	100
25) 2-Butanone	7.21	43	43302	95.598	ug/l #	89
26) 2,2-Dichloropropane	7.21	77	92607	21.465	ug/l	99
27) cis-1,2-Dichloroethene	7.22	96	58760	19.932	ug/l	95
28) Bromochloromethane	7.55	49	27506	19.266	ug/l #	98
29) Tetrahydrofuran	7.57	42	23569	93.605	ug/l	94
30) Chloroform	7.72	83	104914	20.982	ug/l	97
31) Cyclohexane	7.98	56	59580	18.231	ug/l #	90
32) 1,1,1-Trichloroethane	7.91	97	101944	20.779	ug/l	97
36) 1,1-Dichloropropene	8.11	75	72679	20.652	ug/l	99
37) Ethyl Acetate	7.30	43	21687	20.946	ug/l #	73
38) Carbon Tetrachloride	8.10	117	99305	22.078	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	74007	20.116	ug/l	98
40) Benzene	8.36	78	203096	21.037	ug/l	94
41) Methacrylonitrile	7.56	41	26560	47.470	ug/l #	18
42) 1,2-Dichloroethane	8.43	62	65163	21.568	ug/l	100
43) Isopropyl Acetate	8.46	43	41371	20.137	ug/l	98
44) Trichloroethene	9.11	130	65322	21.132	ug/l	99
45) 1,2-Dichloropropane	9.40	63	45027	20.124	ug/l	96
46) Dibromomethane	9.48	93	28165	20.203	ug/l	97
47) Bromodichloromethane	9.67	83	79155	21.193	ug/l	98
48) Methyl methacrylate	9.46	41	18994	19.024	ug/l	98
49) 1,4-Dioxane	9.47	88	6033	429.877	ug/l #	83
51) 4-Methyl-2-Pentanone	10.24	43	99195	96.802	ug/l	99
52) Toluene	10.41	92	142987	21.745	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	68096	20.754	ug/l #	88
54) cis-1,3-Dichloropropene	10.10	75	79510	20.707	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	38267	20.130	ug/l	92
56) Ethyl methacrylate	10.67	69	39146	19.855	ug/l	98
57) 1,3-Dichloropropane	10.96	76	63363	20.944	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.95	63	103981	102.809	ug/l	96
59) 2-Hexanone	10.99	43	69520	99.282	ug/l	100
60) Dibromochloromethane	11.15	129	58771	21.199	ug/l	99
61) 1,2-Dibromoethane	11.26	107	37649	20.089	ug/l	99
64) Tetrachloroethene	10.88	164	58966	21.381	ug/l	90
65) Chlorobenzene	11.68	112	156200	21.399	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	63633	21.934	ug/l	99
67) Ethyl Benzene	11.75	91	265640	21.230	ug/l	99
68) m/p-Xylenes	11.86	106	212534	44.109	ug/l	99
69) o-Xylene	12.19	106	94013	21.070	ug/l	98
70) Styrene	12.20	104	164921	21.472	ug/l	98
71) Bromoform	12.37	173	32070	20.577	ug/l #	96
73) Isopropylbenzene	12.49	105	272609	22.248	ug/l	100
74) N-amyl acetate	12.30	43	36321	19.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	37707	20.084	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	52501	39.236	ug/l #	100
77) Bromobenzene	12.77	156	66262	21.691	ug/l	98
78) n-propylbenzene	12.83	91	311381	21.934	ug/l	98
79) 2-Chlorotoluene	12.91	91	177683	21.582	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	232440	21.830	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	13437	22.772	ug/l	93
82) 4-Chlorotoluene	13.01	91	191599	21.927	ug/l	99
83) tert-Butylbenzene	13.23	119	191562	21.298	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	231343	21.983	ug/l	98
85) sec-Butylbenzene	13.41	105	271766	22.021	ug/l	99
86) p-Isopropyltoluene	13.53	119	259635	22.289	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	126566	21.526	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	126836	21.773	ug/l	98
89) n-Butylbenzene	13.85	91	219312	21.401	ug/l	99
90) Hexachloroethane	14.12	117	44445	21.864	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	114224	22.238	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6274	18.395	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

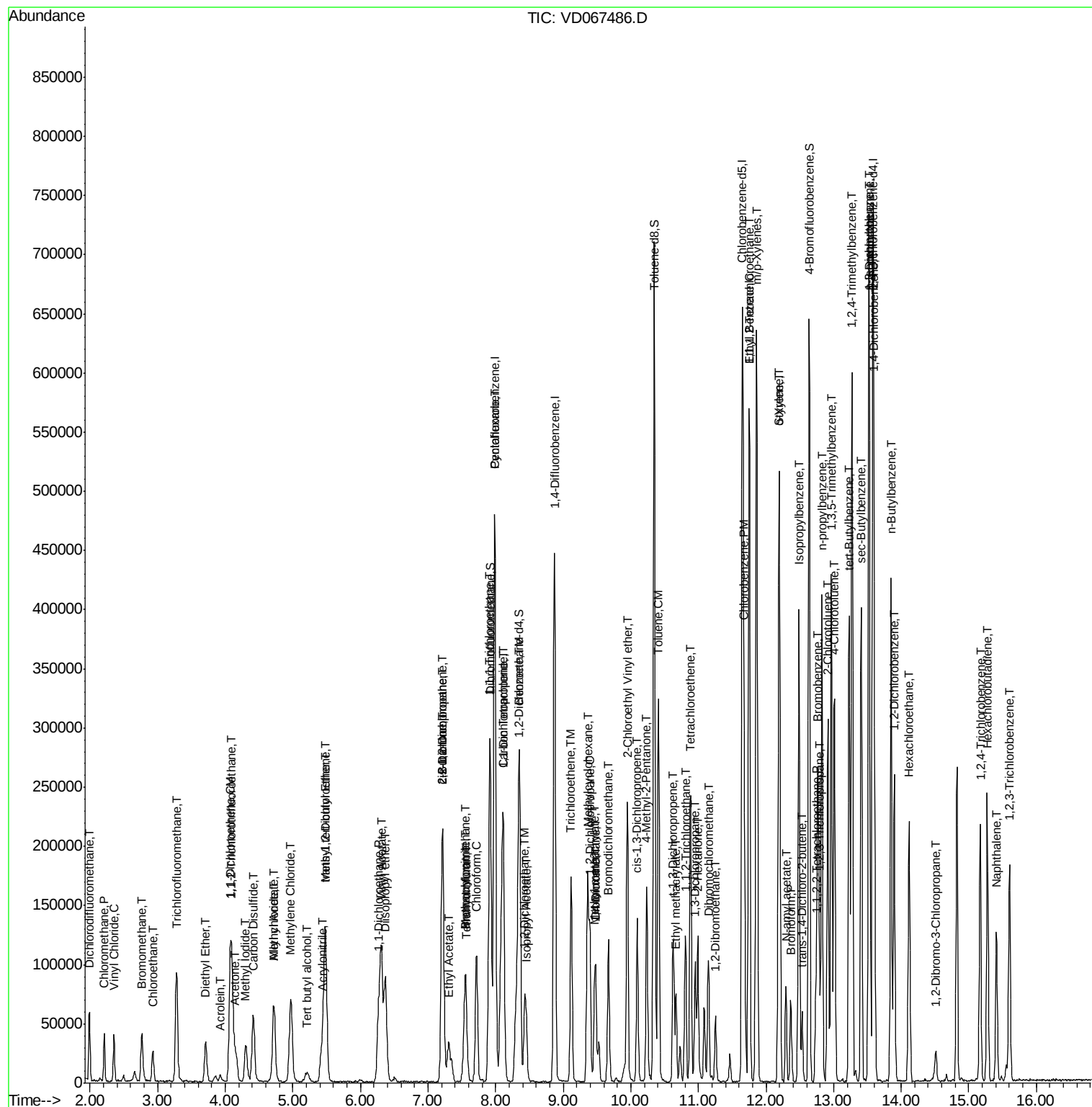
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	74086	21.393	ug/l	99
94) Hexachlorobutadiene	15.27	225	46848	21.784	ug/l	96
95) Naphthalene	15.41	128	114039	20.056	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	62670	20.947	ug/l	99

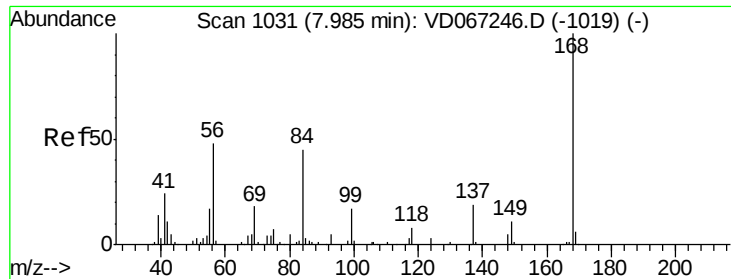
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

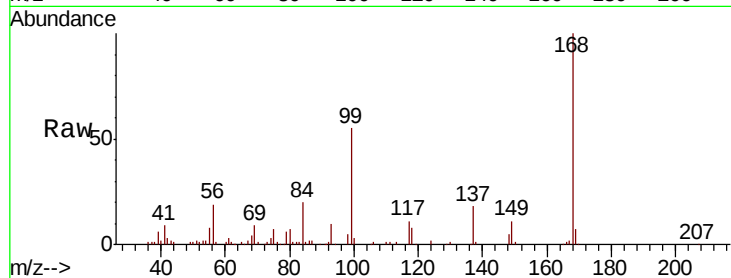
VD1102SBSD01

Tot Ion:168 Resp: 283210

Ion Ratio Lower Upper

168 100

99 54.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

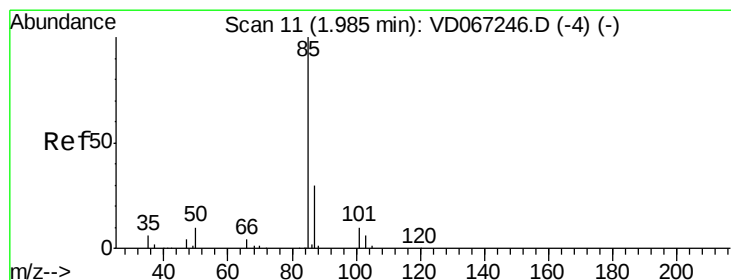
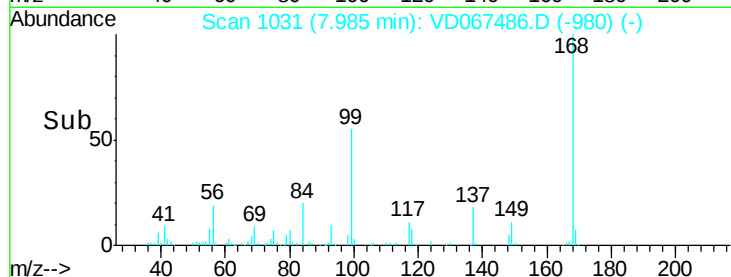
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.694 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067486.D

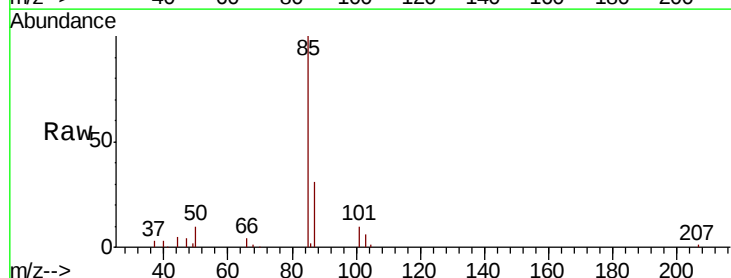
Acq: 02 Nov 2020 12:48

Tgt Ion: 85 Resp: 46647

Ion Ratio Lower Upper

85 100

87 31.0 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

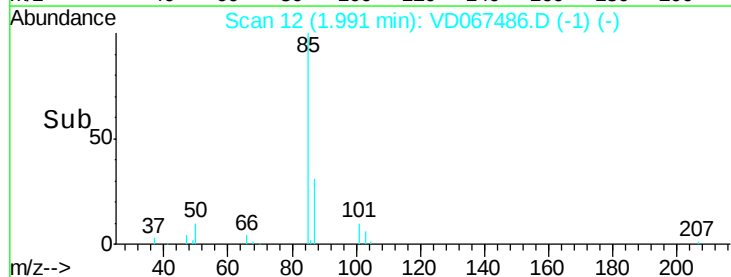
20000

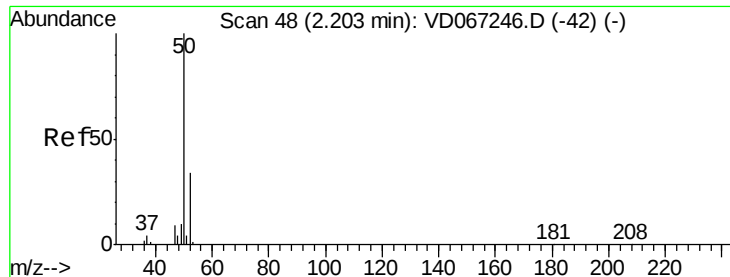
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 18.222 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

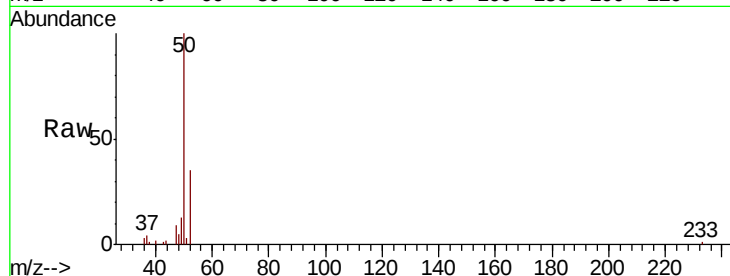
VD1102SBSD01

Tot Ion: 50 Resp: 32478

Ion Ratio Lower Upper

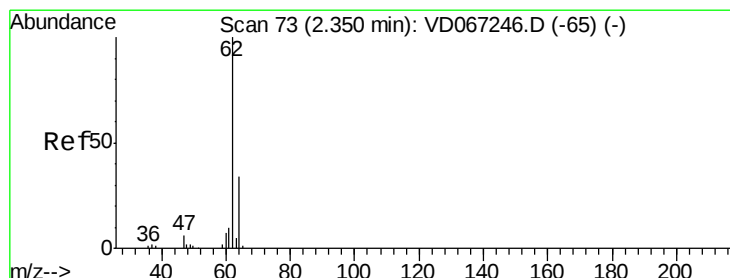
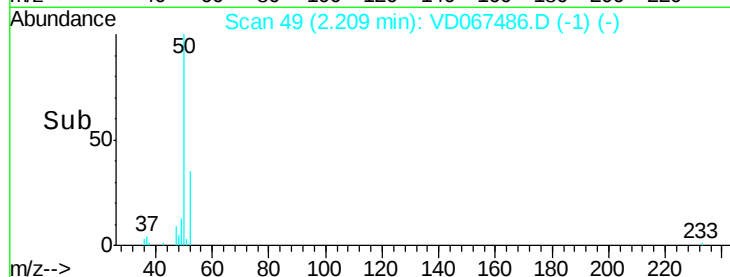
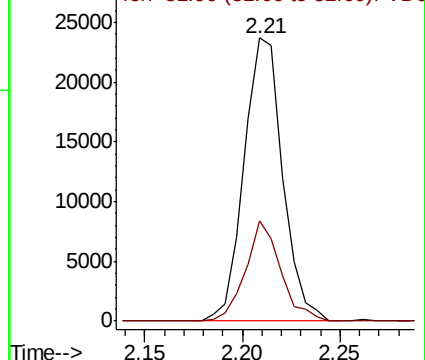
50 100

52 35.4 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.685 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067486.D

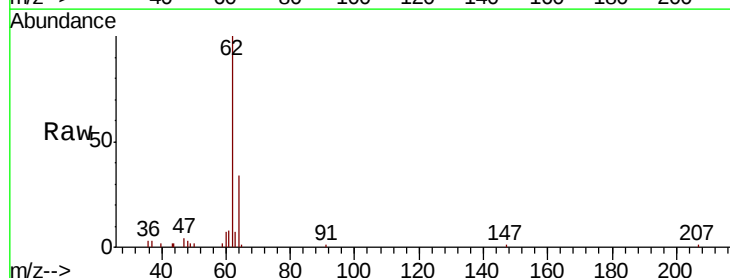
Acq: 02 Nov 2020 12:48

Tgt Ion: 62 Resp: 36542

Ion Ratio Lower Upper

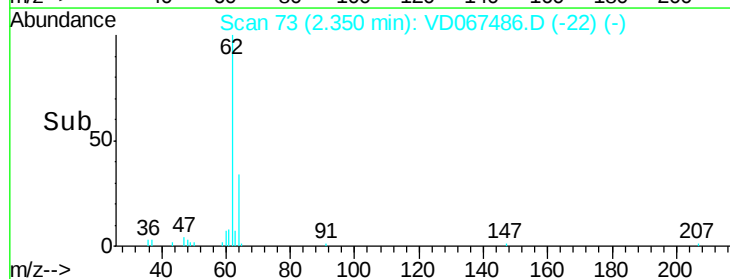
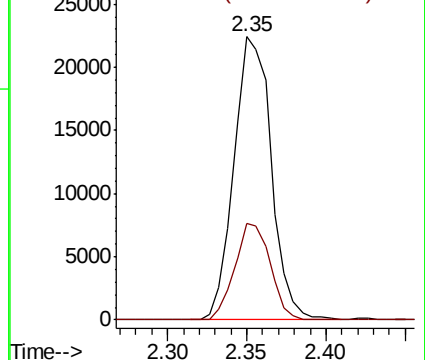
62 100

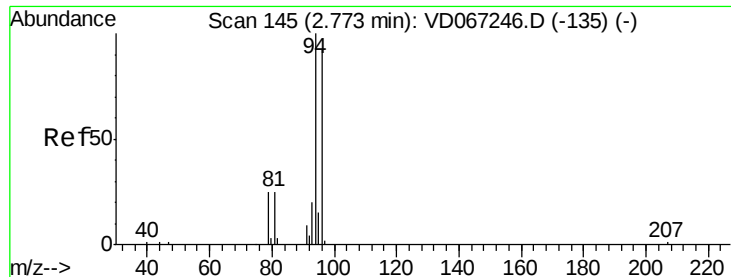
64 34.1 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.799 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

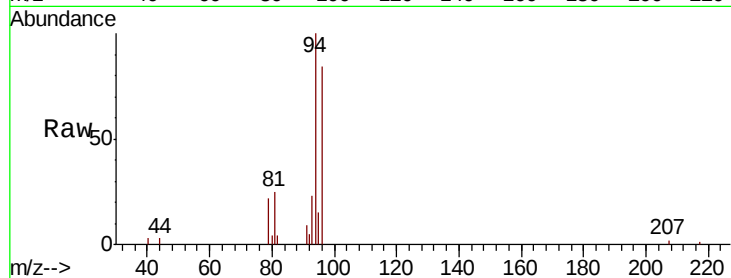
VD1102SBSD01

Tot Ion: 94 Resp: 30172

Ion Ratio Lower Upper

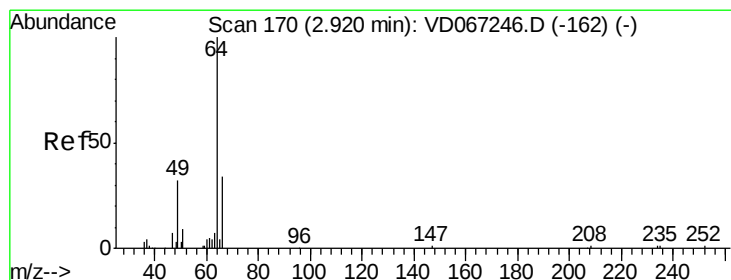
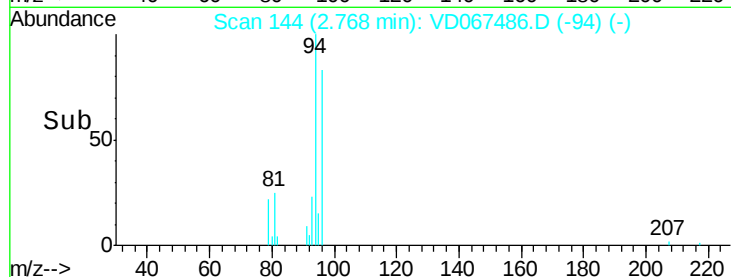
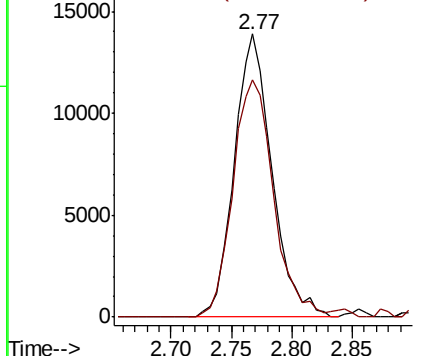
94 100

96 83.9 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.073 ug/l

RT: 2.93 min Scan# 172

Delta R.T. 0.01 min

Lab File: VD067486.D

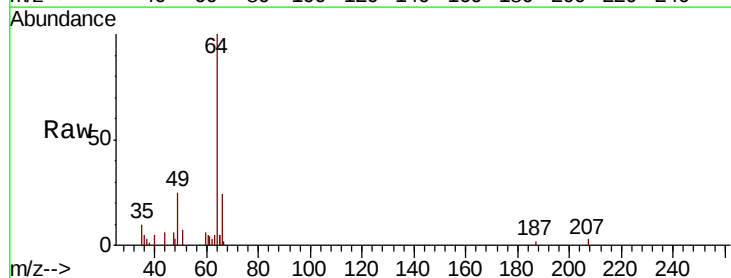
Acq: 02 Nov 2020 12:48

Tgt Ion: 64 Resp: 23230

Ion Ratio Lower Upper

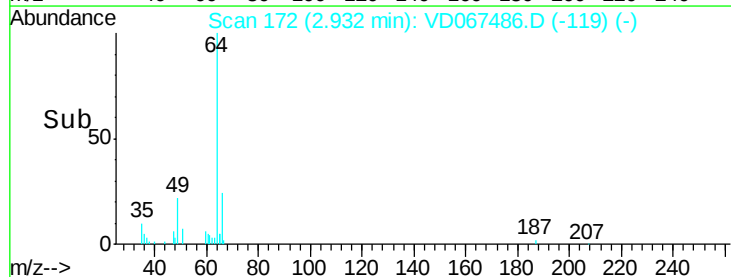
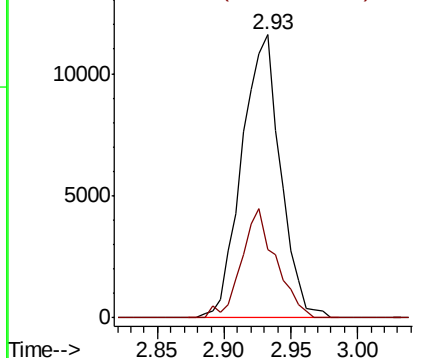
64 100

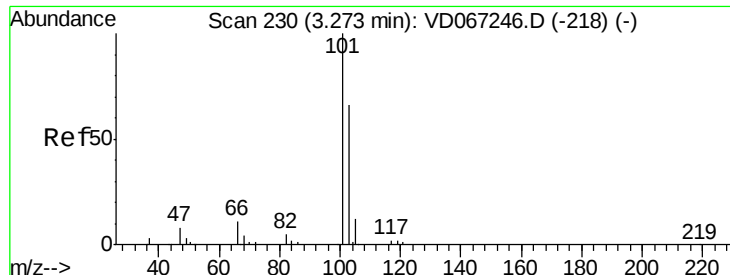
66 24.4 27.4 41.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



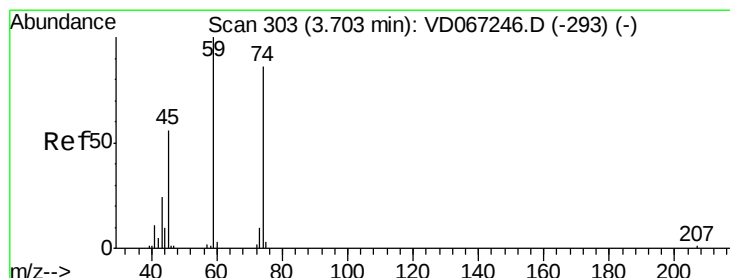
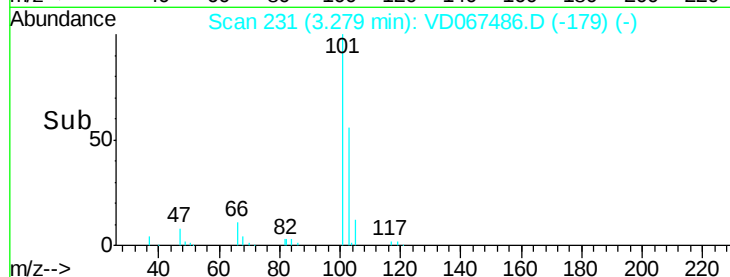
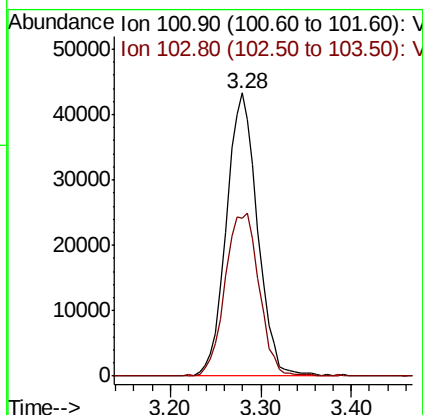
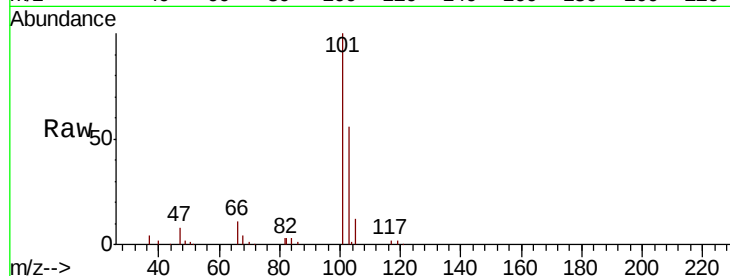


#7

Trichlorofluoromethane
 Concen: 20.993 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Instrument :
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 VD1102SBSD01

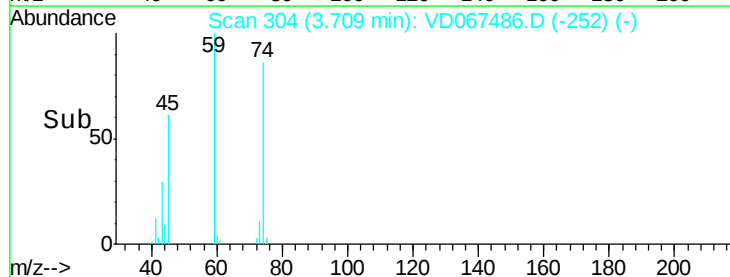
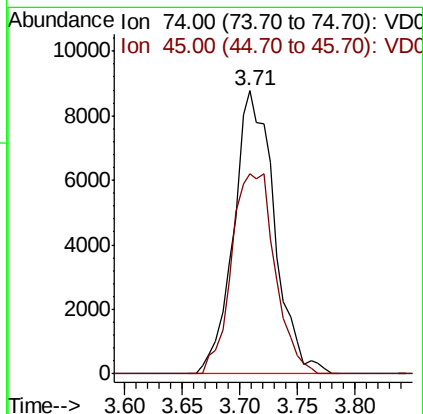
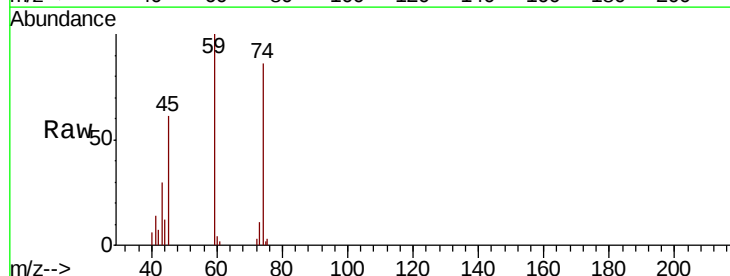
Tot Ion:101 Resp: 103380
 Ion Ratio Lower Upper
 101 100
 103 55.3 53.1 79.7

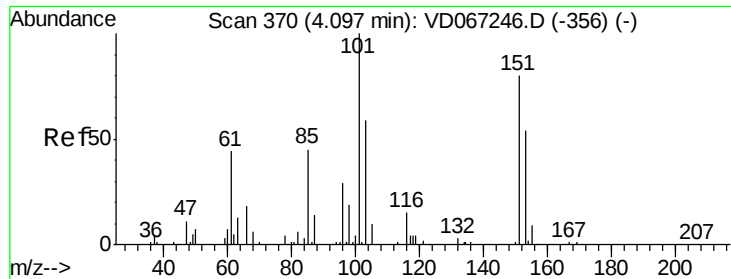


#8

Diethyl Ether
 Concen: 19.028 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 74 Resp: 21442
 Ion Ratio Lower Upper
 74 100
 45 75.6 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.841 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

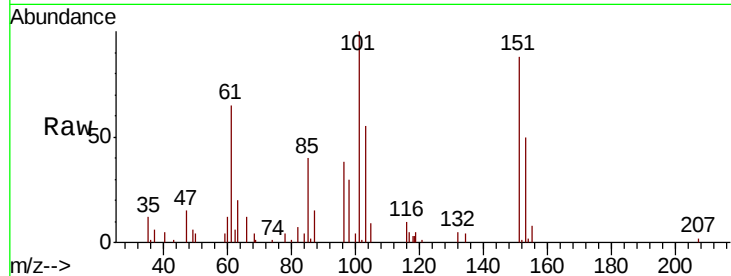
Tot Ion:101 Resp: 51911

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

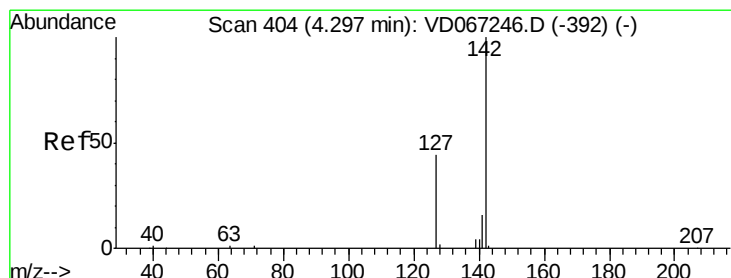
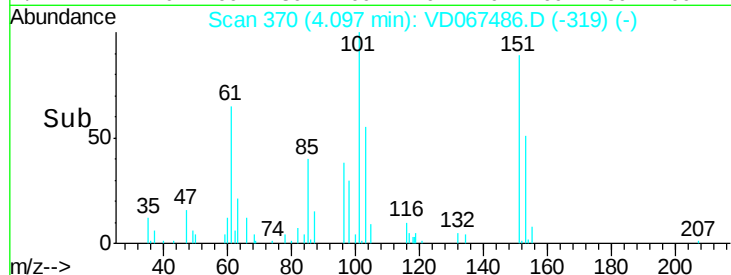
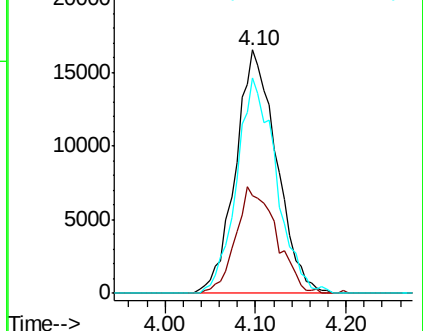
151 85.9 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.071 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

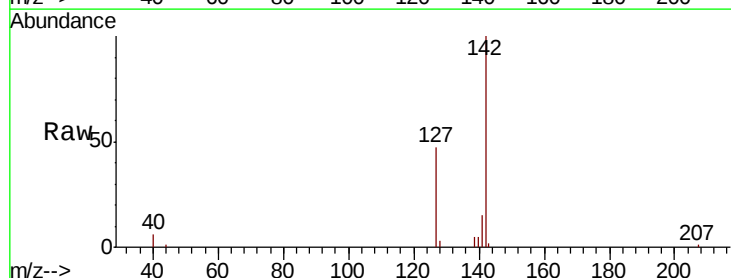
Tgt Ion:142 Resp: 50855

Ion Ratio Lower Upper

142 100

127 51.9 38.4 57.6

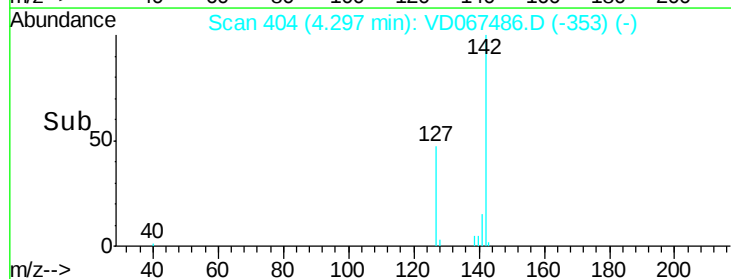
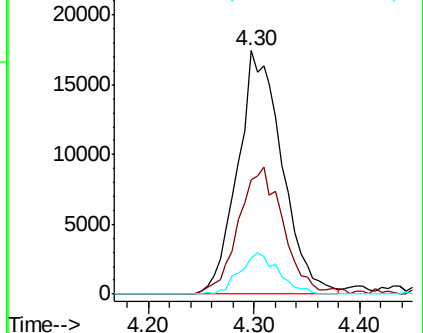
141 14.9 11.6 17.4

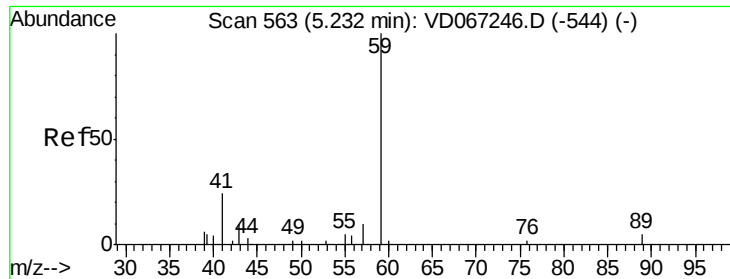


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

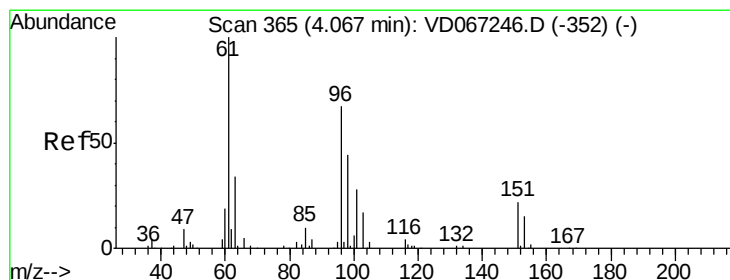
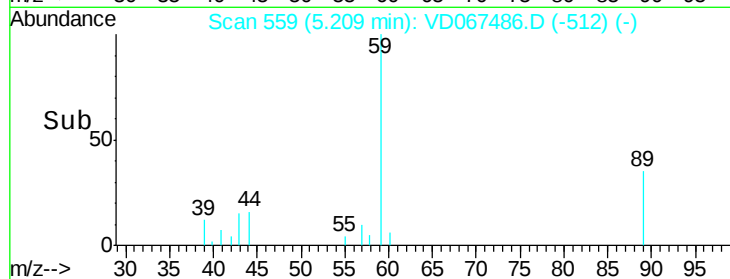
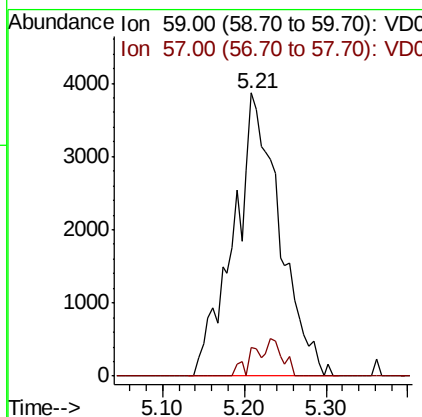
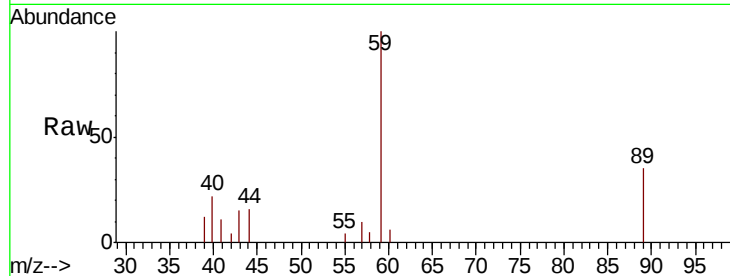




#11
Tert butyl alcohol
Concen: 69.170 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

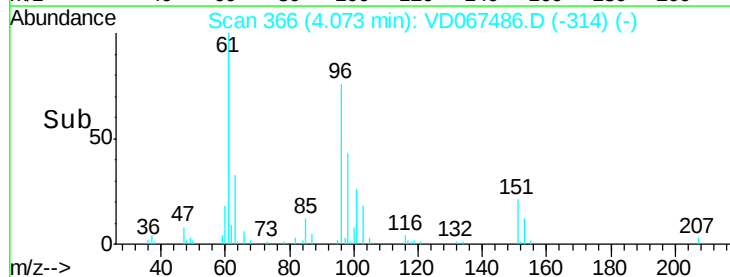
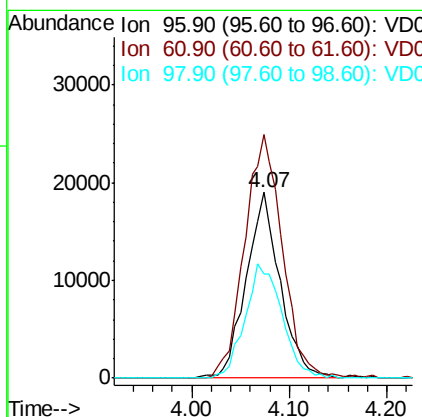
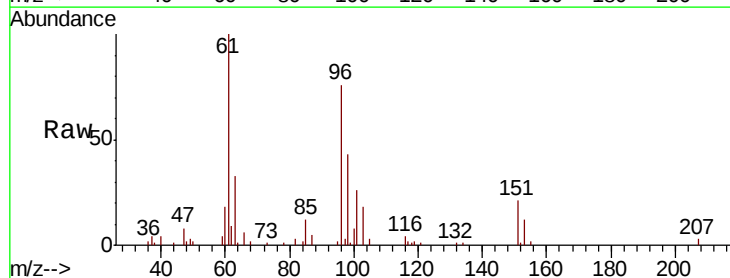
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

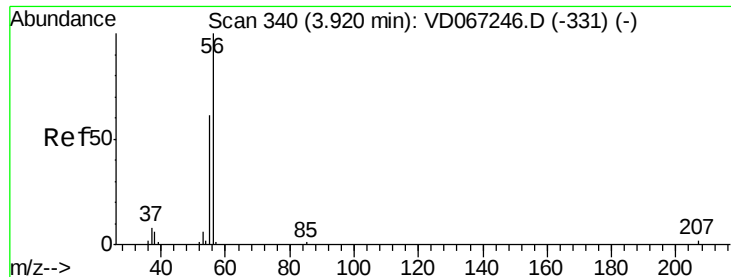
Tot Ion: 59 Resp: 15069
Ion Ratio Lower Upper
59 100
57 3.2 5.1 7.7#



#12
1,1-Dichloroethene
Concen: 19.722 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 96 Resp: 46097
Ion Ratio Lower Upper
96 100
61 131.3 118.6 177.8
98 56.5 51.8 77.6





#13

Acrolein

Concen: 58.930 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

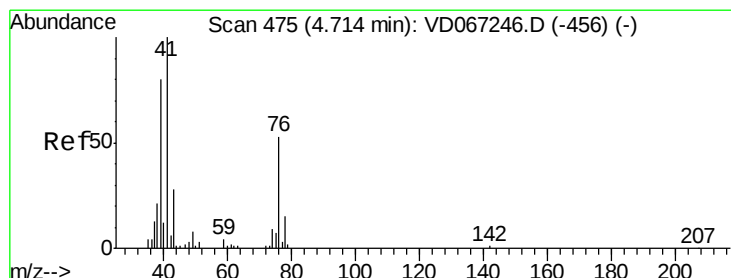
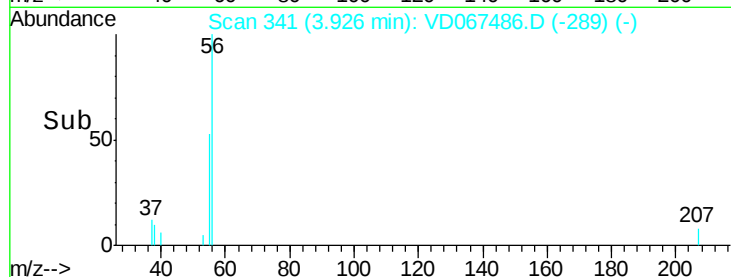
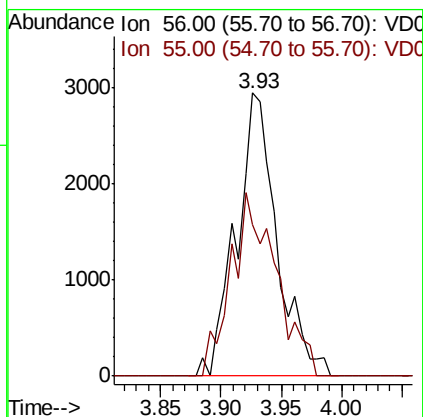
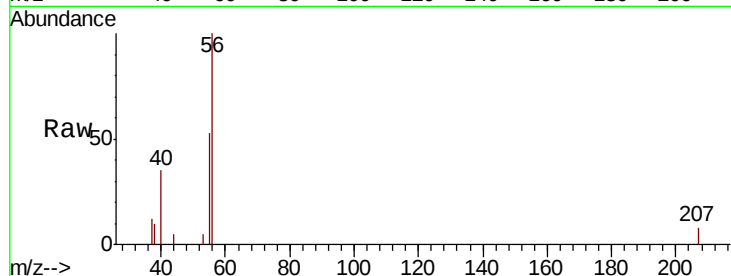
VD1102SBSD01

Tot Ion: 56 Resp: 6919

Ion Ratio Lower Upper

56 100

55 71.7 56.0 84.0



#14

Allyl chloride

Concen: 20.430 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

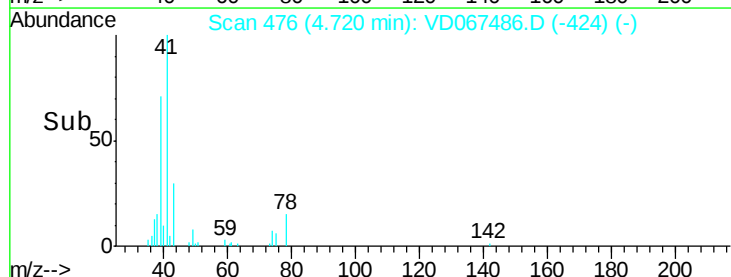
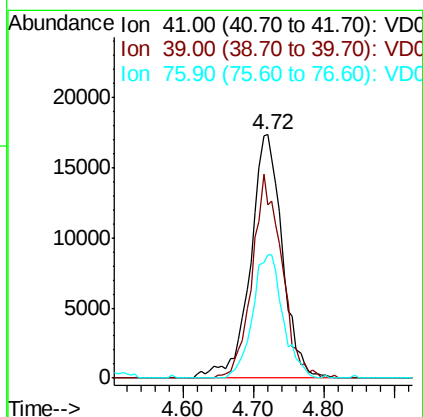
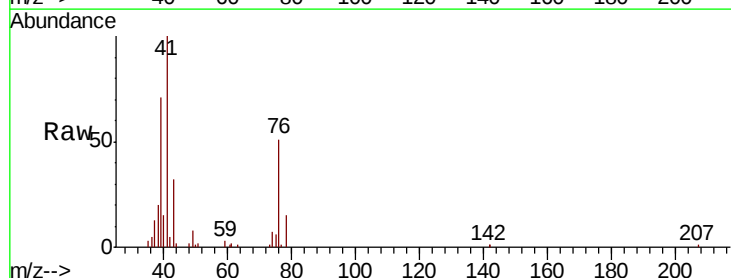
Tgt Ion: 41 Resp: 54685

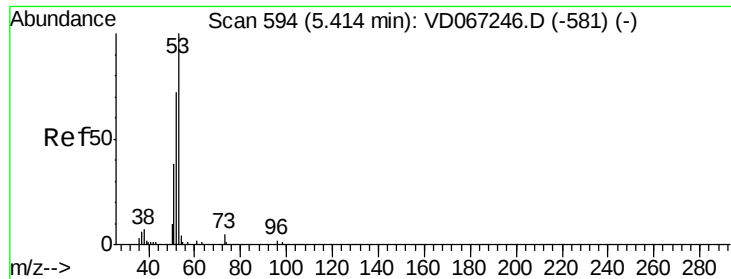
Ion Ratio Lower Upper

41 100

39 77.7 63.8 95.6

76 48.3 40.4 60.6





#15

Acrylonitrile

Concen: 98.519 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

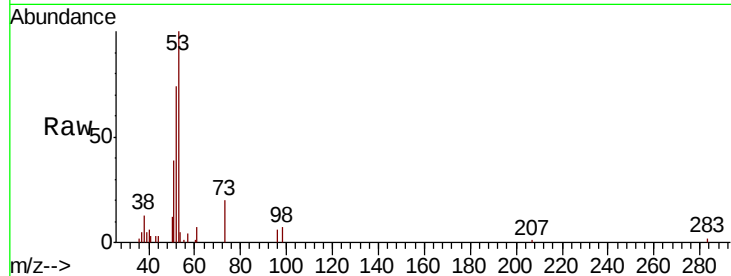
Tot Ion: 53 Resp: 37043

Ion Ratio Lower Upper

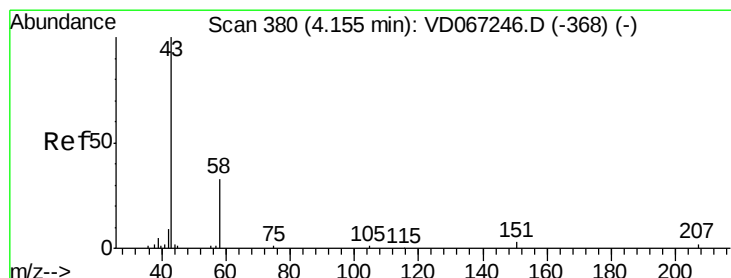
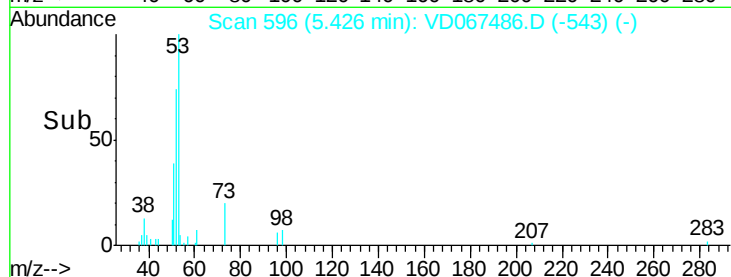
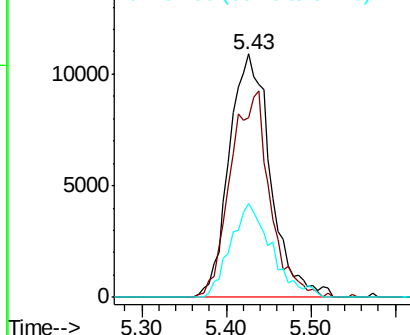
53 100

52 80.5 65.6 98.4

51 38.3 30.8 46.2



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: 98.364 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067486.D

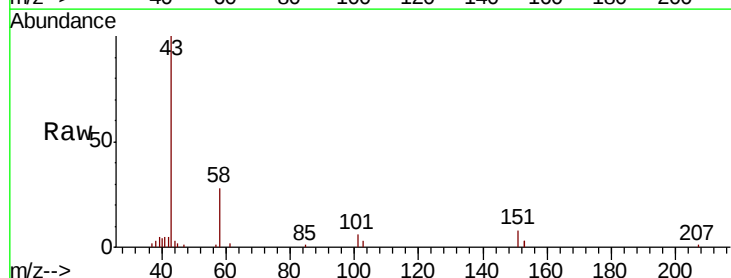
Acq: 02 Nov 2020 12:48

Tgt Ion: 43 Resp: 39087

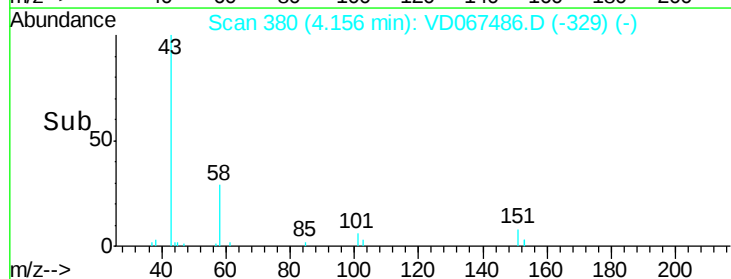
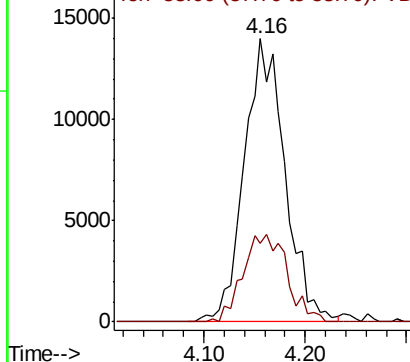
Ion Ratio Lower Upper

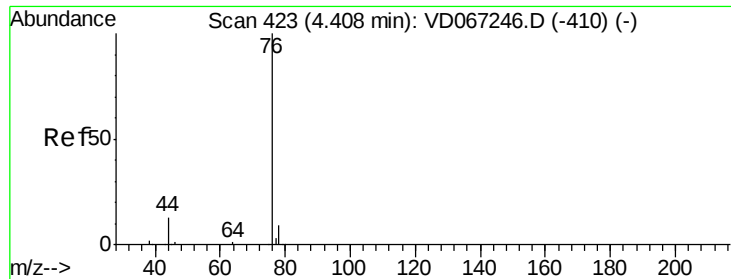
43 100

58 27.9 26.1 39.1



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

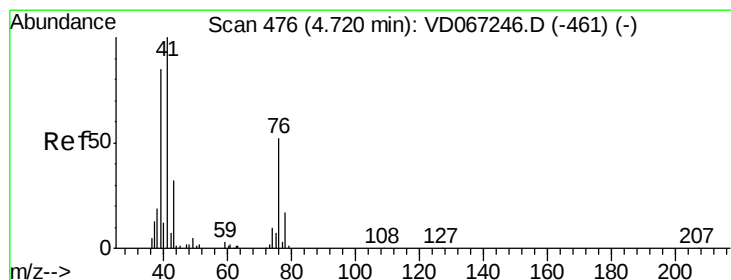
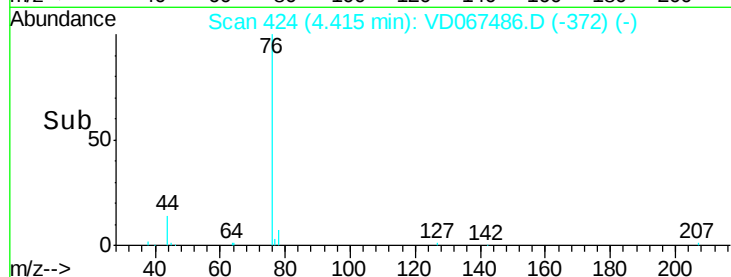
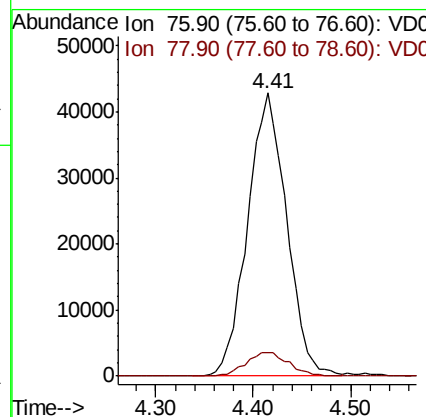
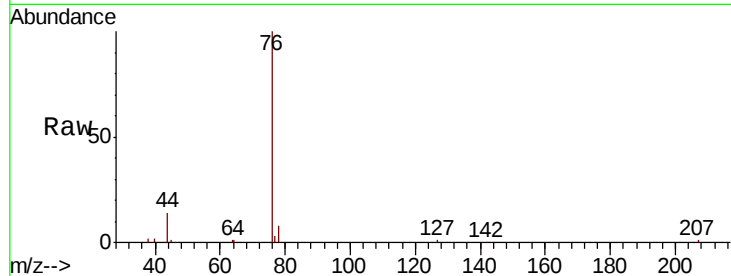




#17
Carbon Disulfide
Concen: 18.019 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

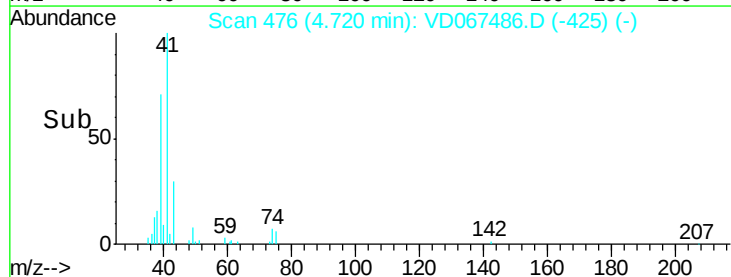
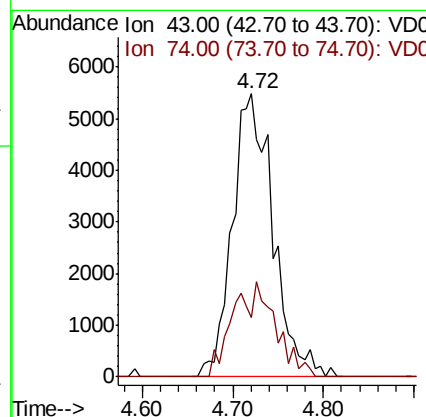
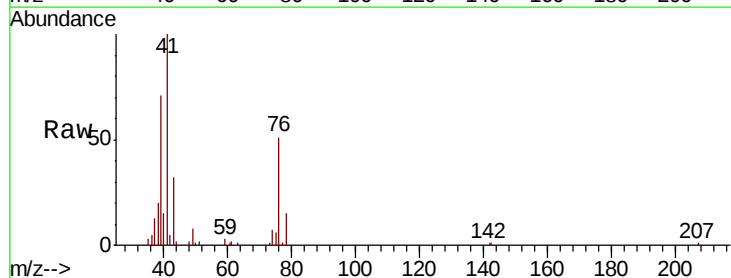
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

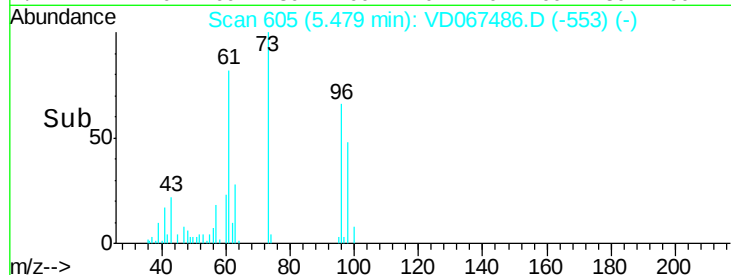
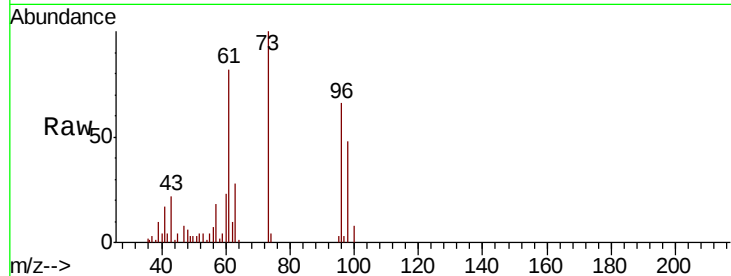
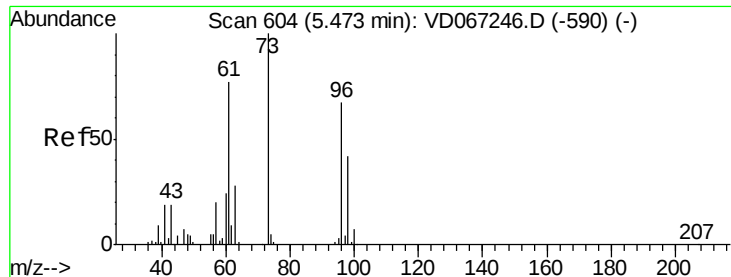
Tot Ion: 76 Resp: 120068
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 18.752 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 43 Resp: 16996
Ion Ratio Lower Upper
43 100
74 18.5 26.6 39.8#

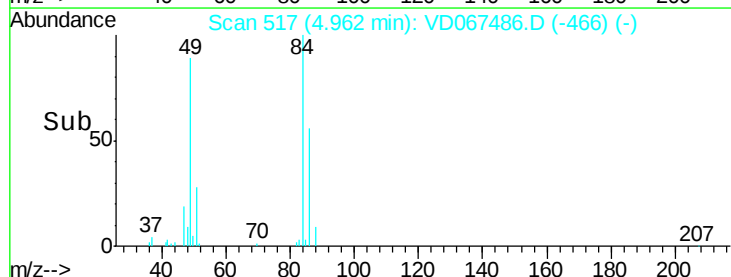
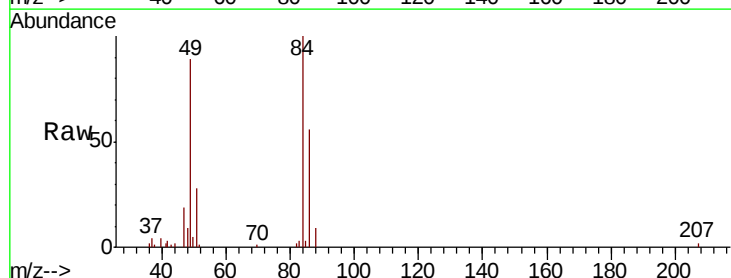
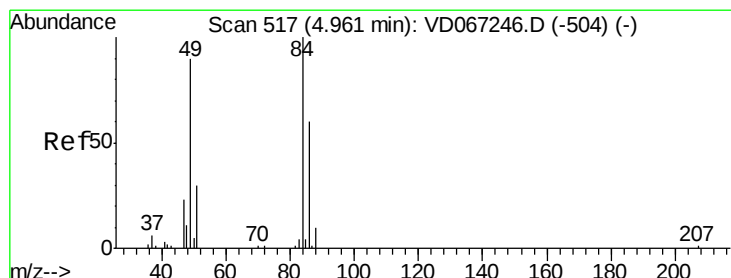
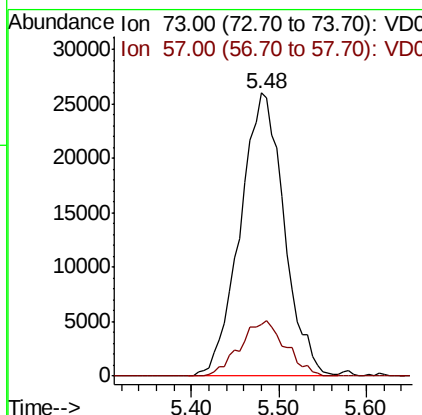




#19
Methyl tert-butyl Ether
Concen: 19.195 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

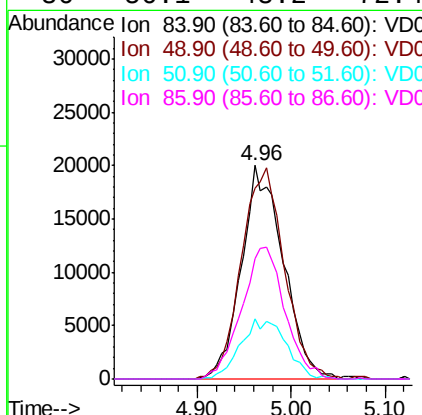
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

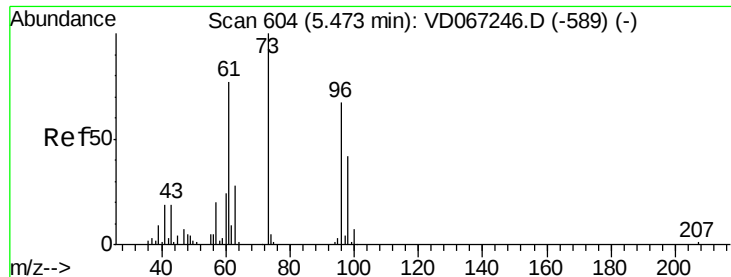
Tot Ion: 73 Resp: 89210
Ion Ratio Lower Upper
73 100
57 18.3 15.7 23.5



#20
Methylene Chloride
Concen: 21.698 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 84 Resp: 61696
Ion Ratio Lower Upper
84 100
49 89.3 72.2 108.2
51 28.2 23.8 35.8
86 56.1 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.046 ug/l

RT: 5.49 min Scan# 606

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

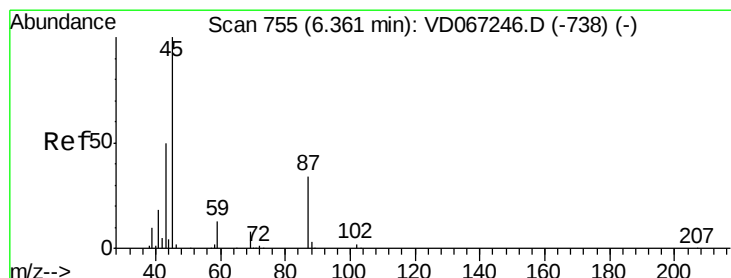
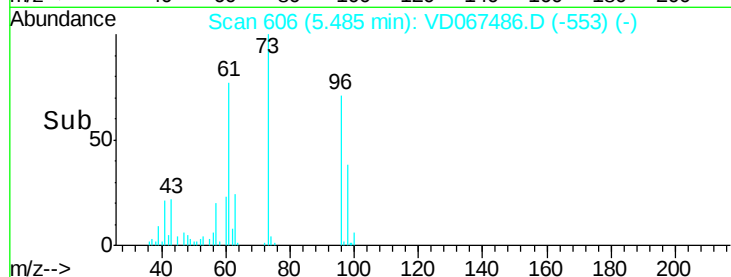
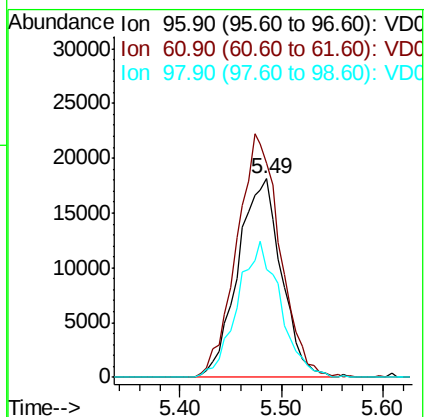
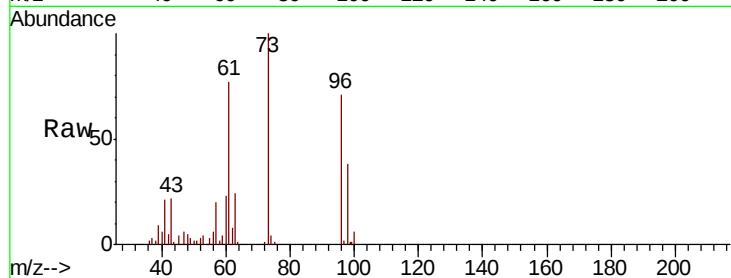
Tot Ion: 96 Resp: 53919

Ion Ratio Lower Upper

96 100

61 108.1 92.0 138.0

98 54.3 49.8 74.8



#22

Diisopropyl ether

Concen: 20.825 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Tgt Ion: 45 Resp: 101827

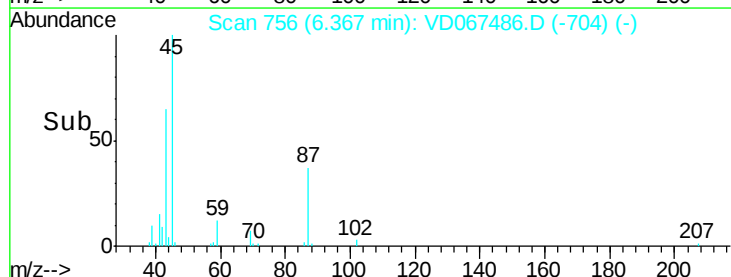
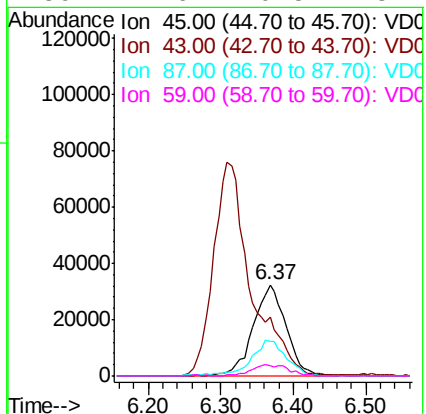
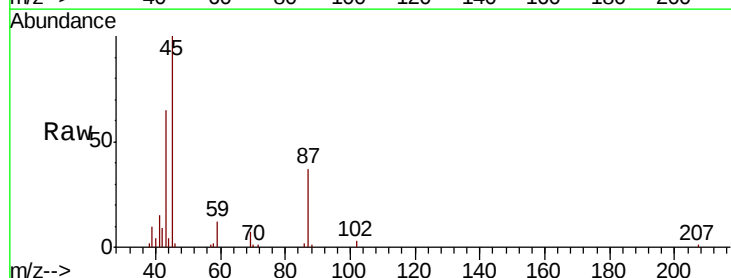
Ion Ratio Lower Upper

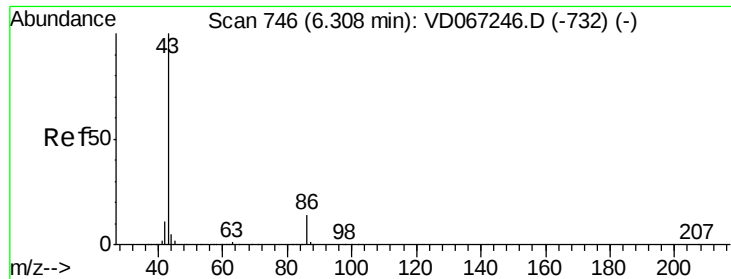
45 100

43 64.0 48.0 72.0

87 37.4 28.5 42.7

59 11.6 10.5 15.7





#23

Vinyl Acetate

Concen: 98.364 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

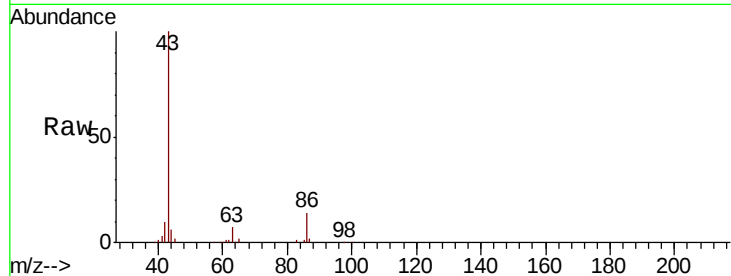
VD1102SBSD01

Tot Ion: 43 Resp: 273639

Ion Ratio Lower Upper

43 100

86 13.8 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

80000

60000

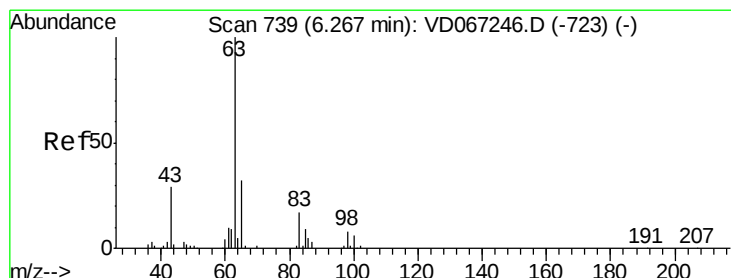
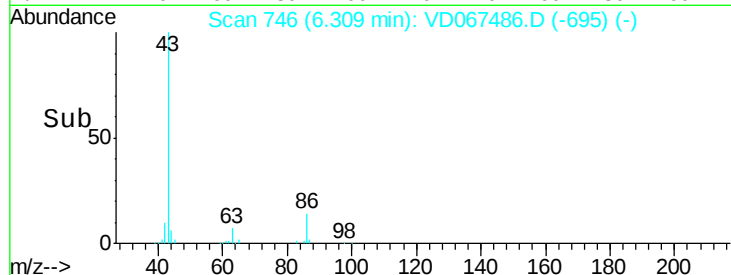
40000

20000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 20.616 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

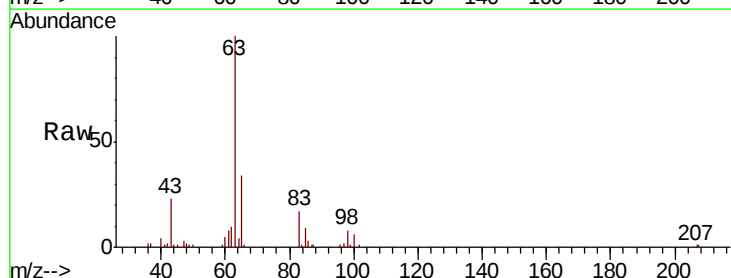
Tgt Ion: 63 Resp: 86293

Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.2

100 5.9 2.8 8.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

30000

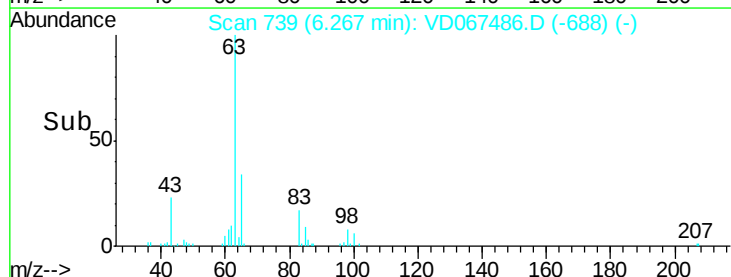
20000

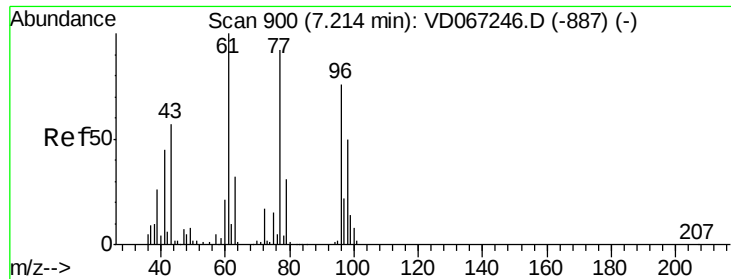
10000

0

Time-->

6.20 6.30 6.40





#25

2-Butanone

Concen: 95.598 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

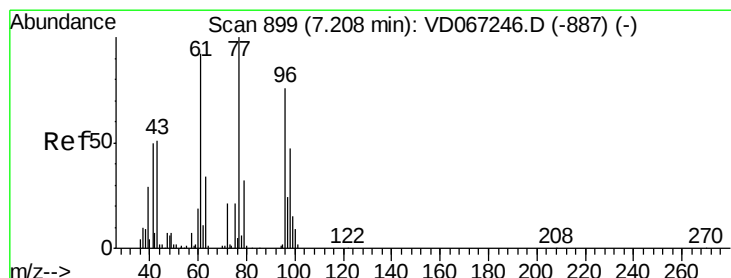
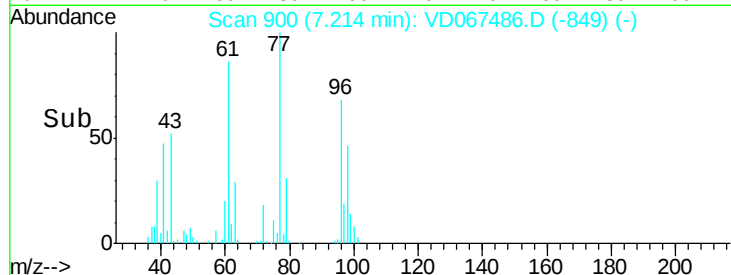
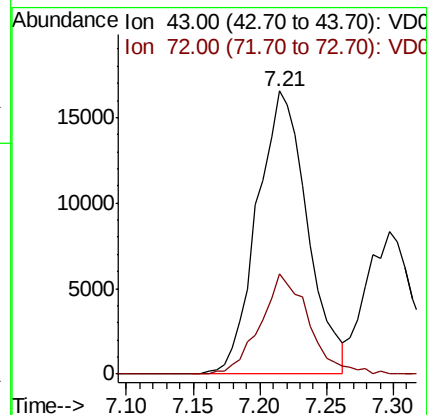
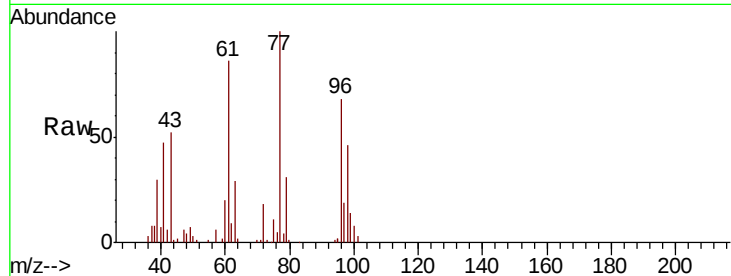
VD1102SBSD01

Tot Ion: 43 Resp: 43302

Ion Ratio Lower Upper

43 100

72 35.6 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 21.465 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067486.D

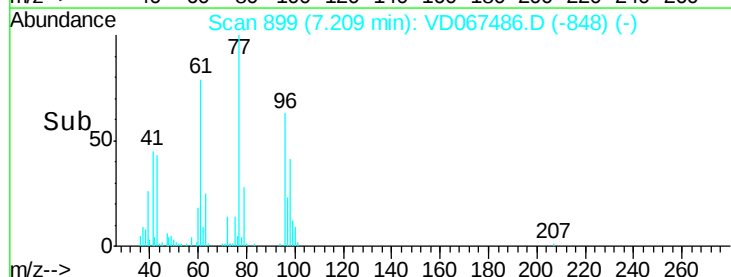
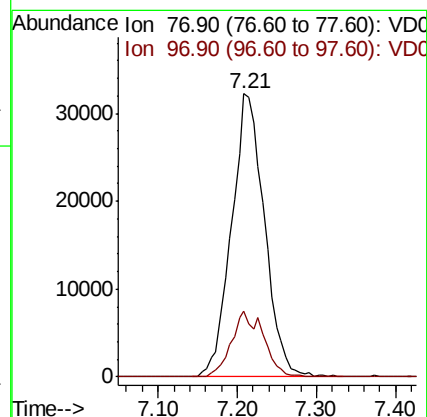
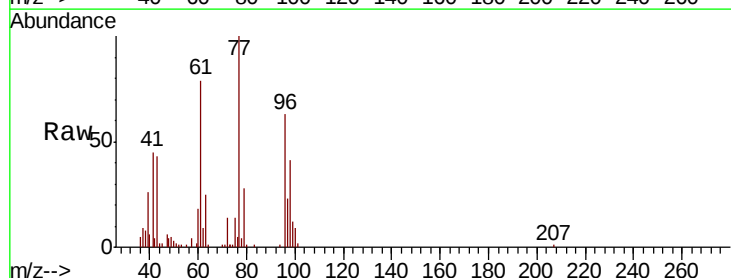
Acq: 02 Nov 2020 12:48

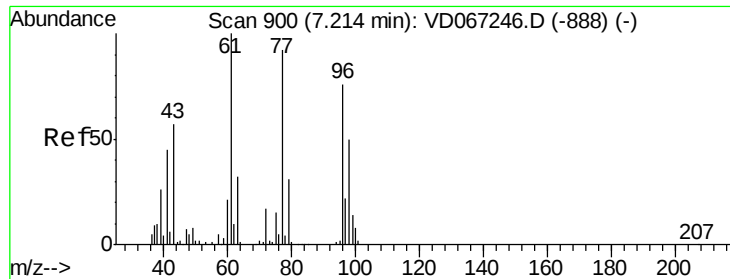
Tgt Ion: 77 Resp: 92607

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2



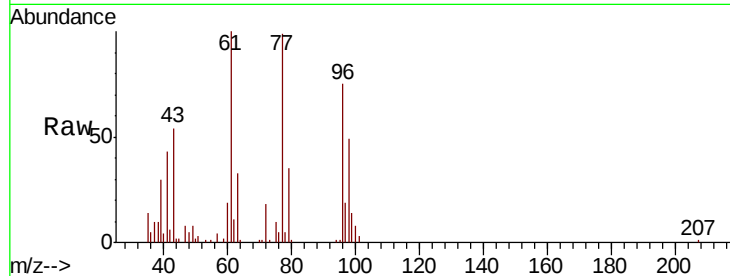


#27

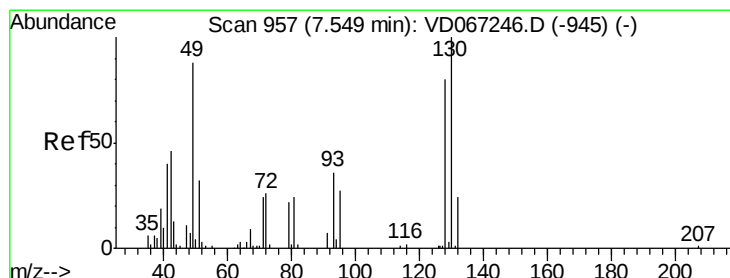
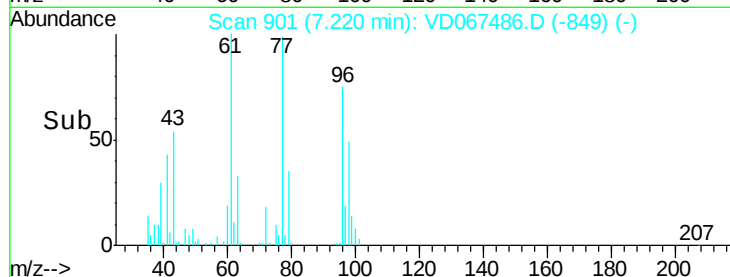
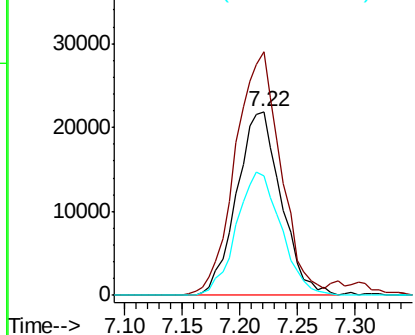
cis-1,2-Dichloroethene
Concen: 19.932 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion: 96 Resp: 58760
Ion Ratio Lower Upper
96 100
61 134.9 0.0 255.4
98 67.0 0.0 128.0



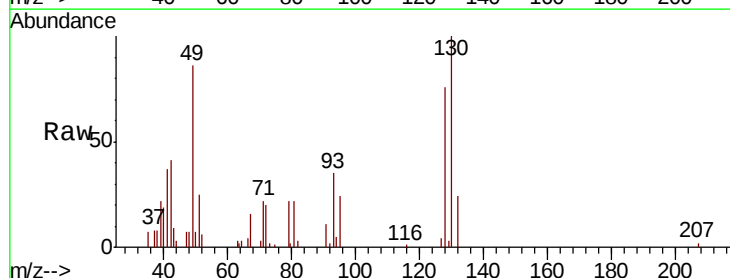
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



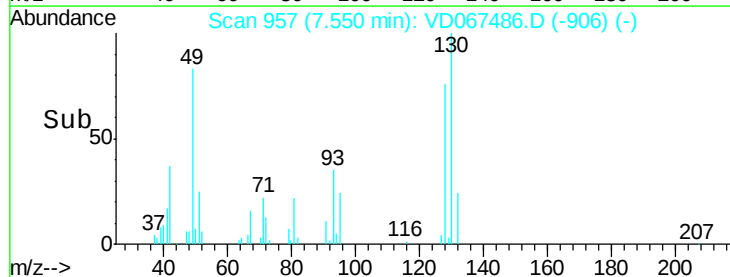
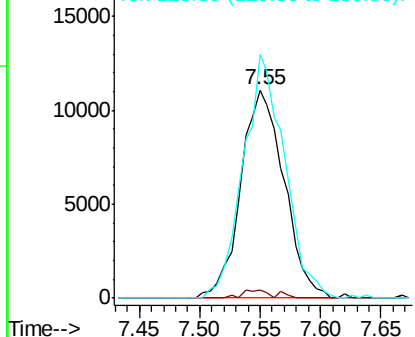
#28

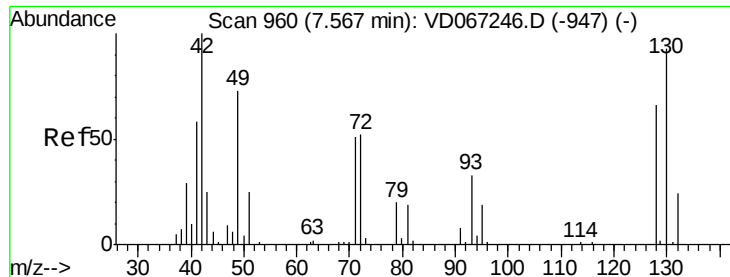
Bromochloromethane
Concen: 19.266 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 49 Resp: 27506
Ion Ratio Lower Upper
49 100
129 2.2 0.0 1.6#
130 111.9 91.0 136.6



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





#29

Tetrahydrofuran

Concen: 93.605 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

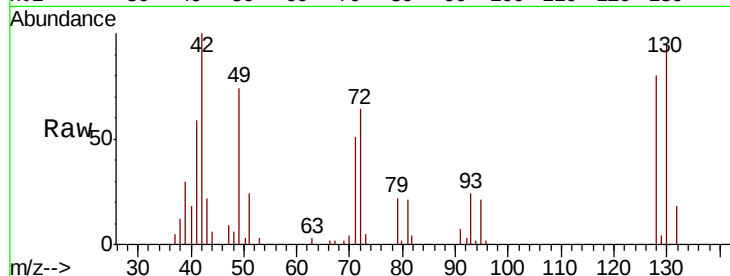
Tot Ion: 42 Resp: 23569

Ion Ratio Lower Upper

42 100

72 57.4 43.2 64.8

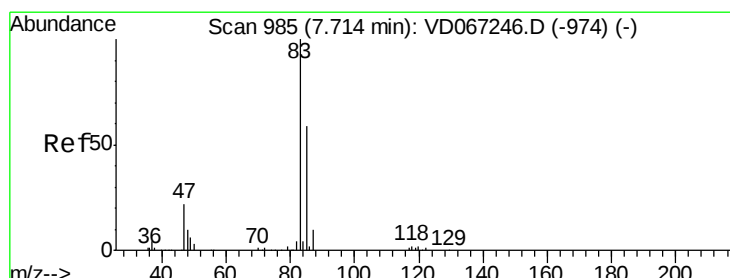
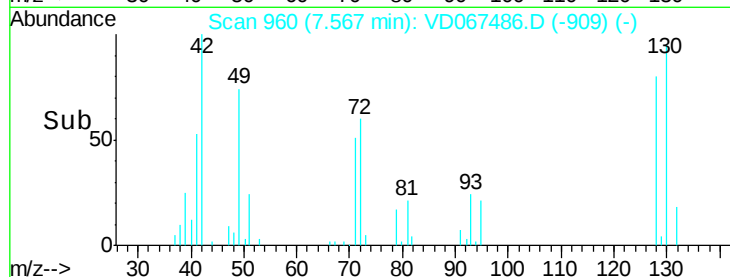
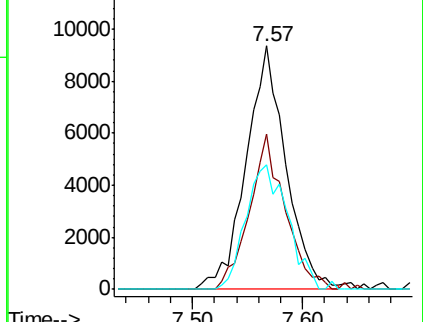
71 53.8 39.4 59.0



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 20.982 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD067486.D

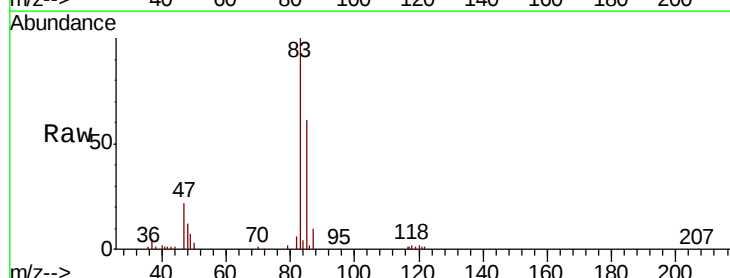
Acq: 02 Nov 2020 12:48

Tgt Ion: 83 Resp: 104914

Ion Ratio Lower Upper

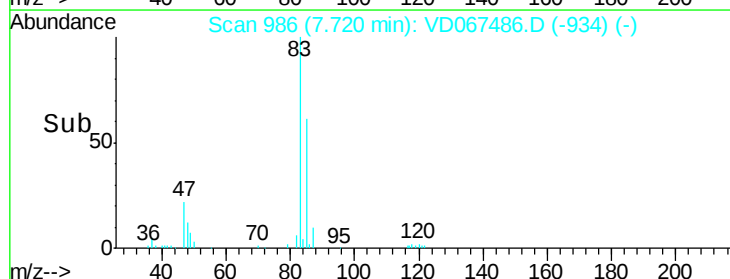
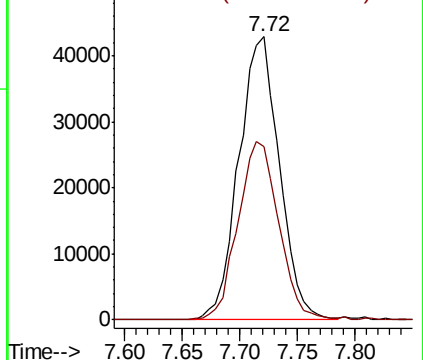
83 100

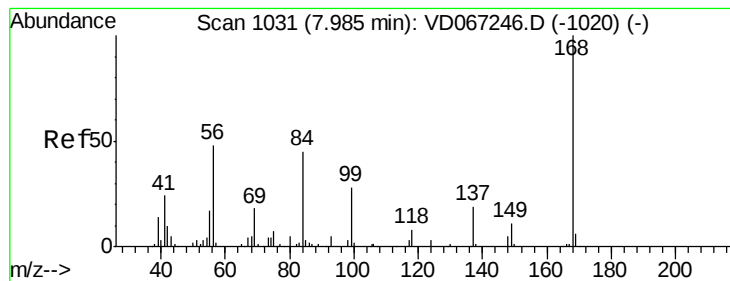
85 61.2 47.3 70.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 18.231 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

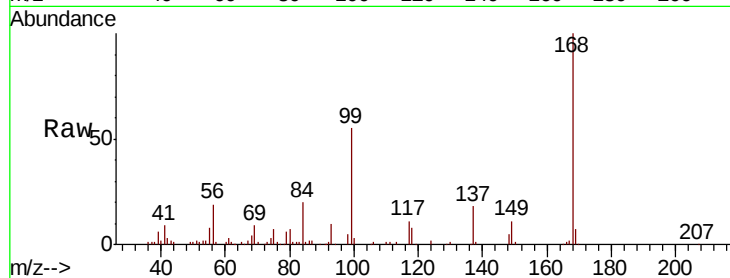
Tot Ion: 56 Resp: 59580

Ion Ratio Lower Upper

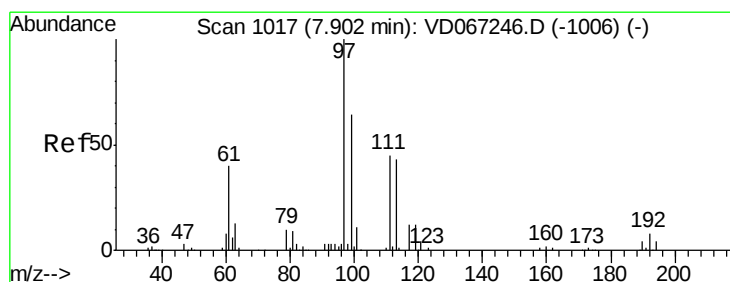
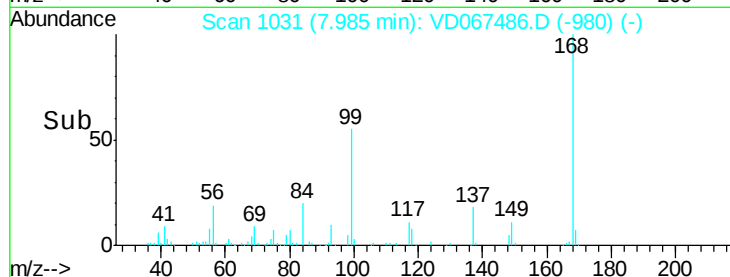
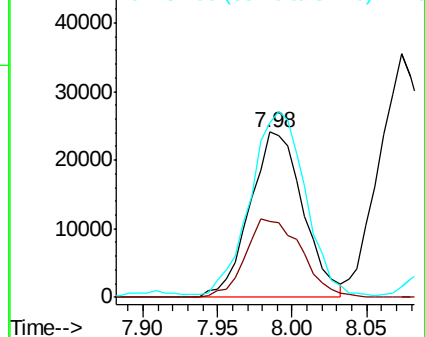
56 100

69 46.2 29.8 44.6#

84 103.6 76.6 114.8



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: 20.779 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

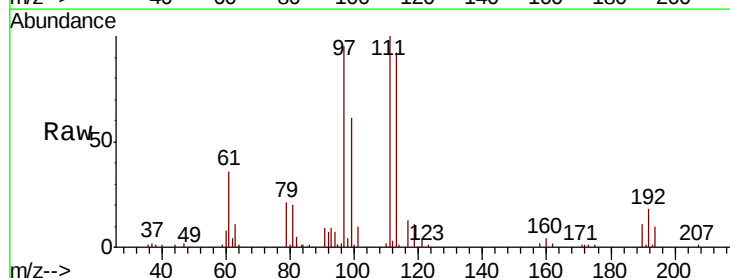
Tgt Ion: 97 Resp: 101944

Ion Ratio Lower Upper

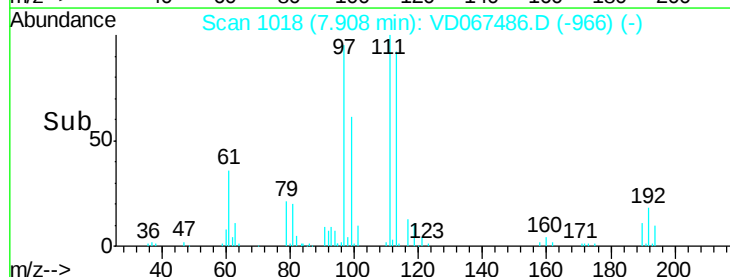
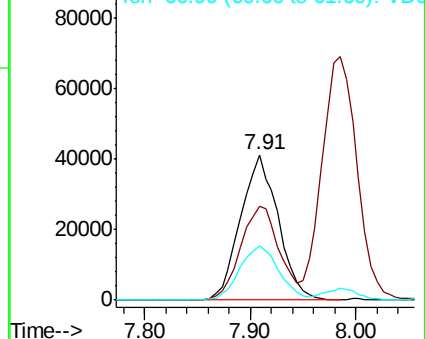
97 100

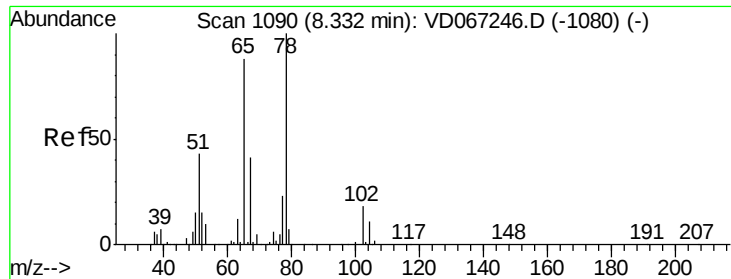
99 66.3 50.2 75.4

61 38.9 30.5 45.7



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

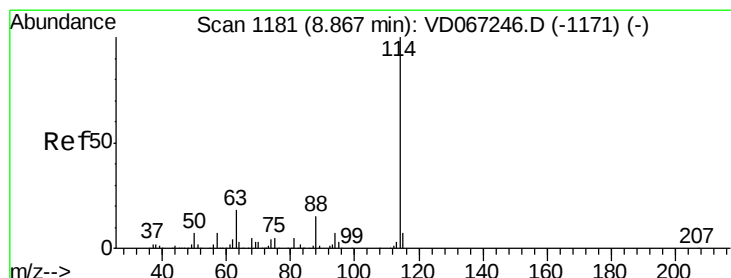
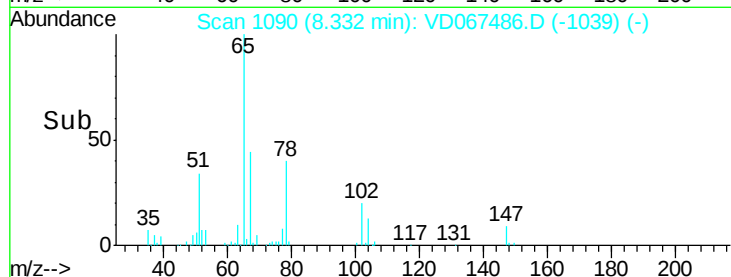
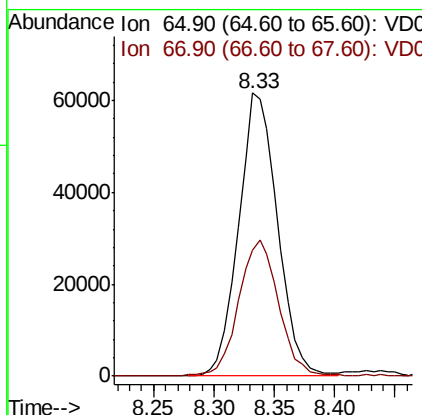
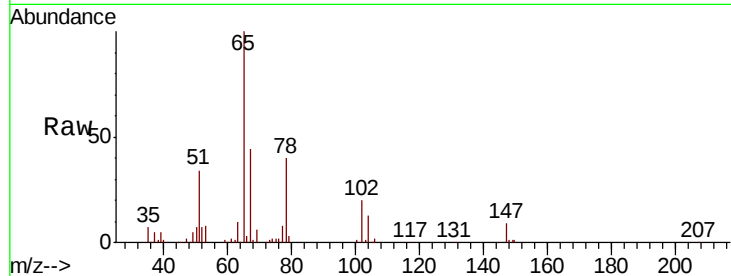




#33
 1,2-Dichloroethane-d4
 Concen: 48.735 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

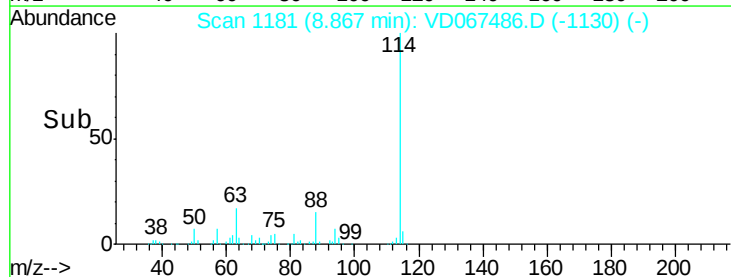
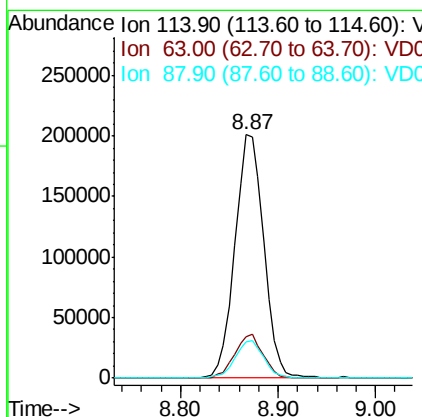
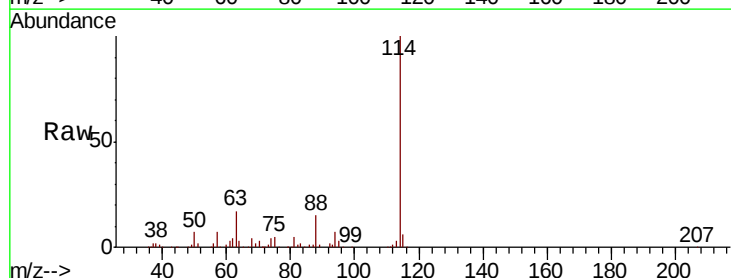
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBSD01

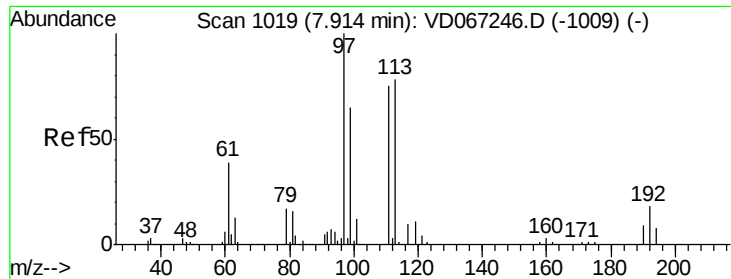
Tot Ion: 65 Resp: 138278
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 114 Resp: 415208
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.0
 88 14.7 0.0 30.6

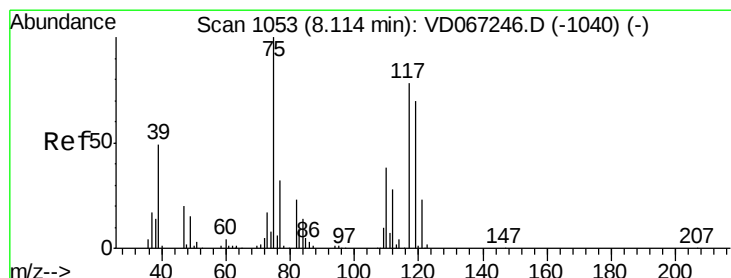
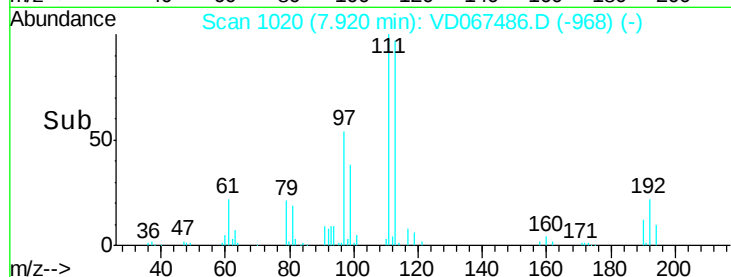
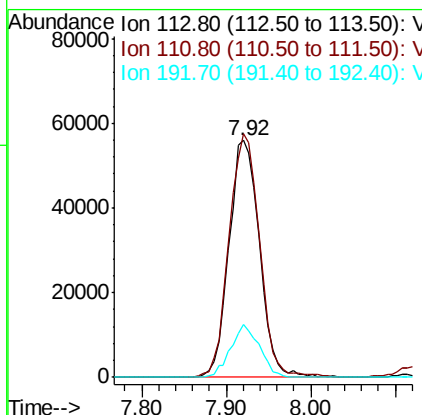
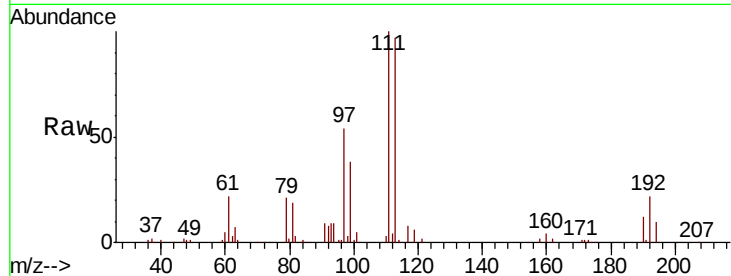




#35
 Dibromofluoromethane
 Concen: 50.212 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

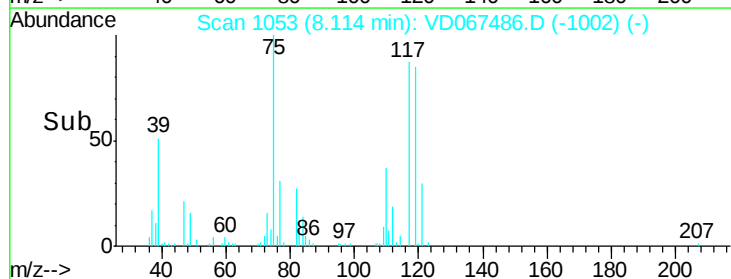
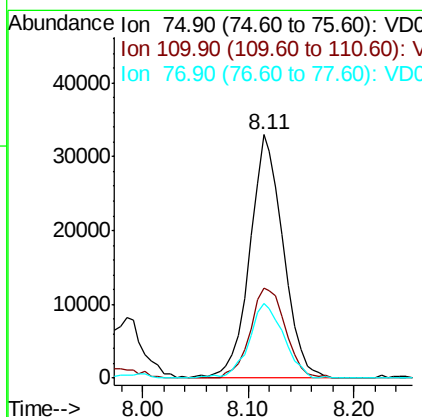
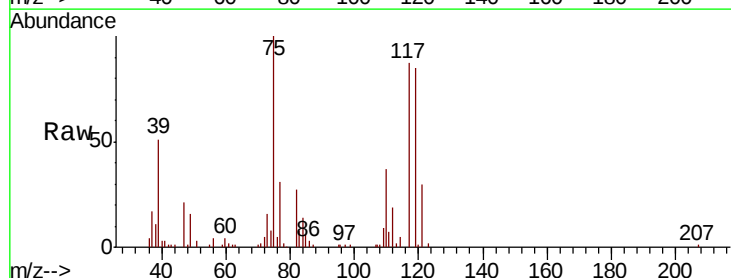
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBSD01

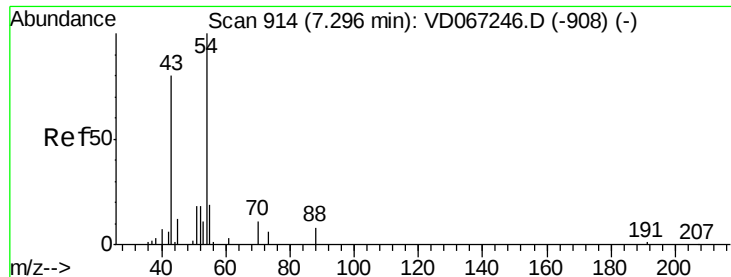
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.6	122.4
192	21.2	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 20.652 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.6	58.7
77	31.7	24.6	37.0

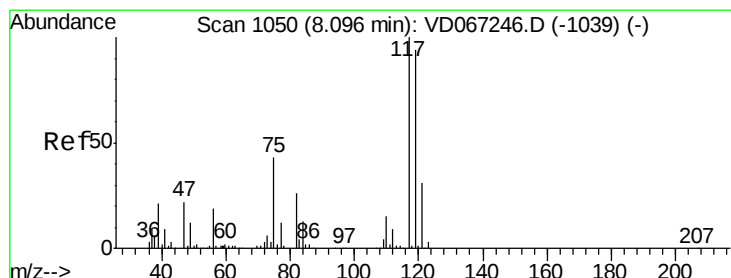
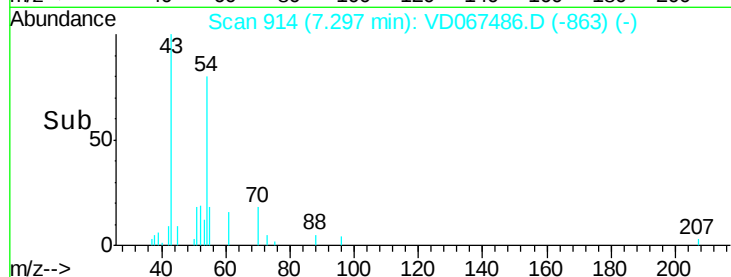
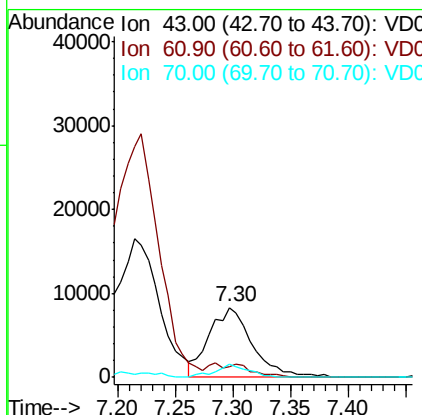
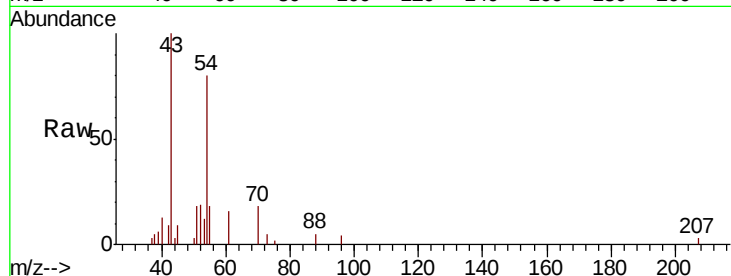




#37
Ethyl Acetate
Concen: 20.946 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

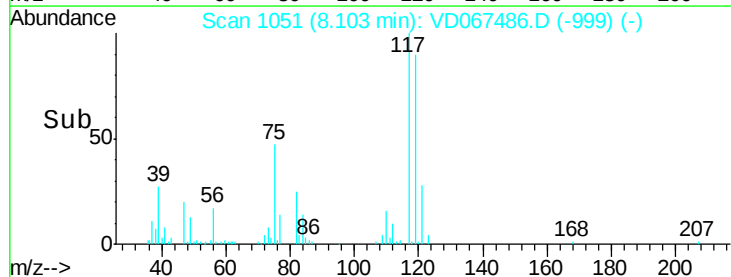
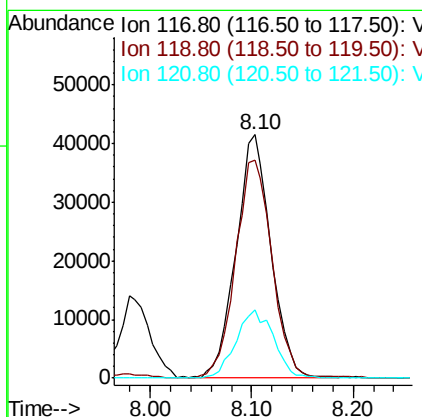
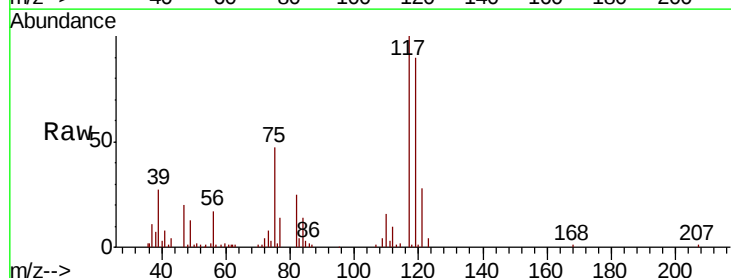
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

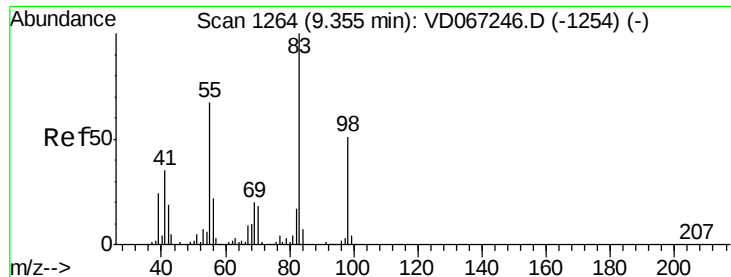
Tot Ion: 43 Resp: 21687
Ion Ratio Lower Upper
43 100
61 0.0 15.6 23.4#
70 14.1 10.4 15.6



#38
Carbon Tetrachloride
Concen: 22.078 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 117 Resp: 99305
Ion Ratio Lower Upper
117 100
119 89.6 75.0 112.4
121 28.1 24.9 37.3

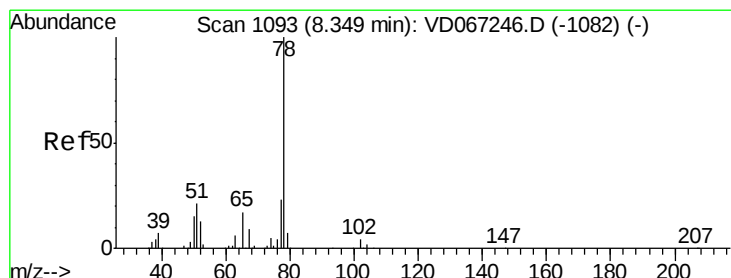
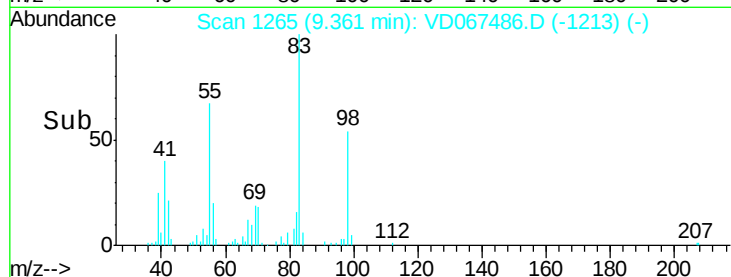
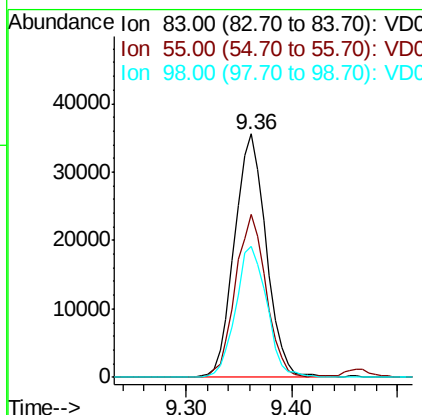
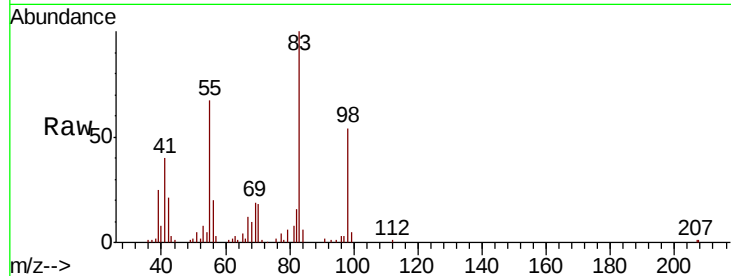




#39
Methvlcvclohexane
Concen: 20.116 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

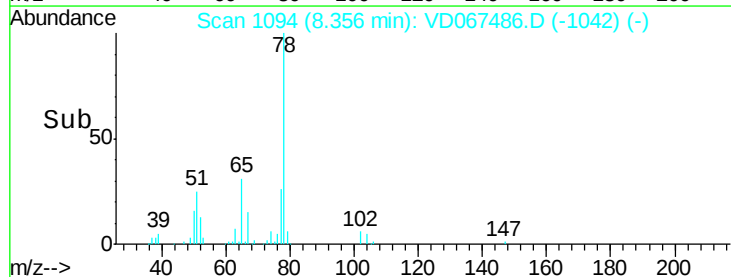
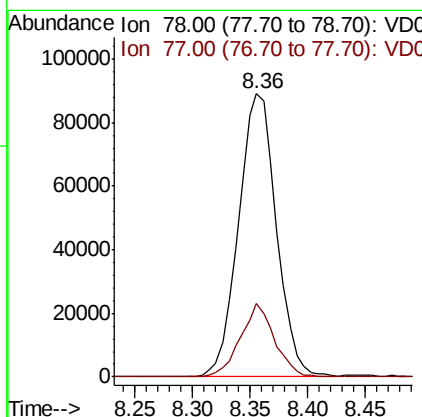
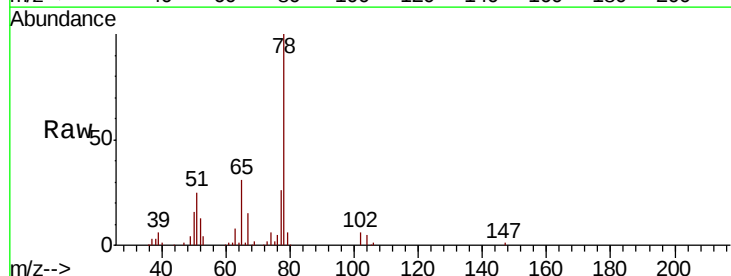
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

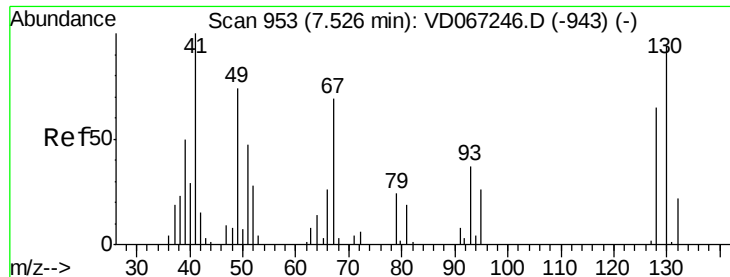
Tot Ion: 83 Resp: 74007
Ion Ratio Lower Upper
83 100
55 67.0 53.3 79.9
98 54.0 41.0 61.4



#40
Benzene
Concen: 21.037 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 78 Resp: 203096
Ion Ratio Lower Upper
78 100
77 25.9 18.3 27.5

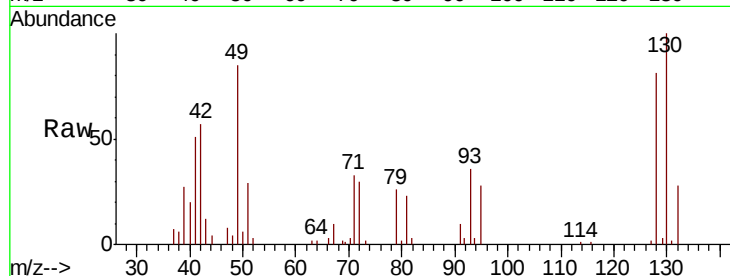




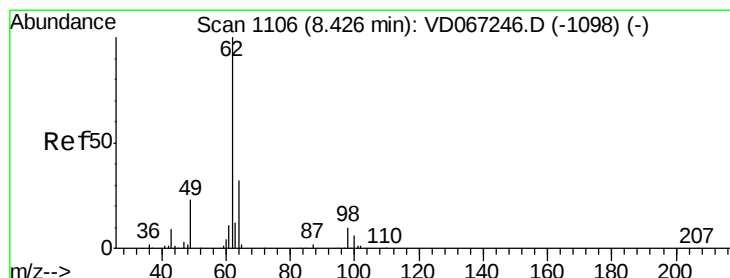
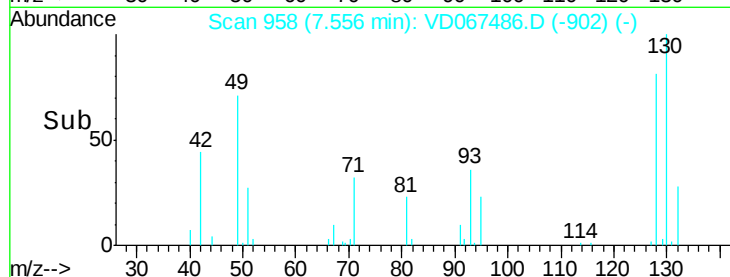
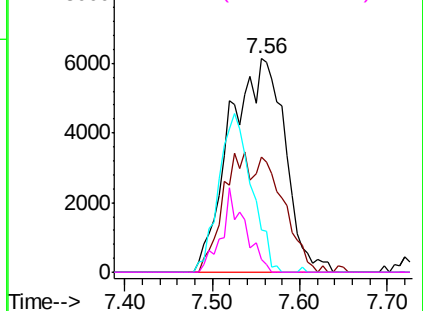
#41
Methacrylonitrile
Concen: 47.470 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion: 41 Resp: 26560
Ion Ratio Lower Upper
41 100
39 27.8 60.0 90.0#
67 0.0 88.9 133.3#
52 0.0 36.9 55.3#

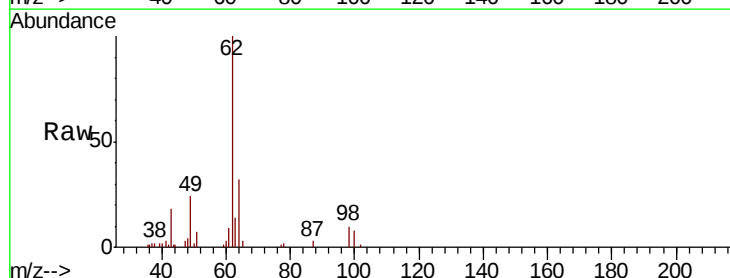


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

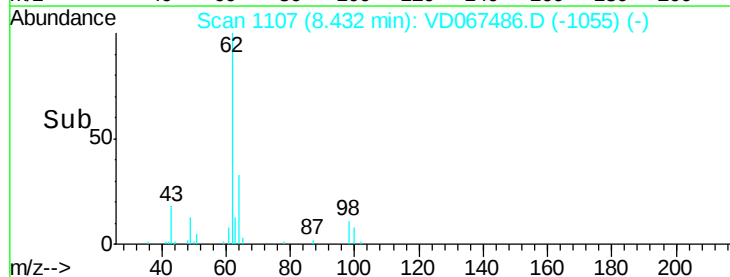
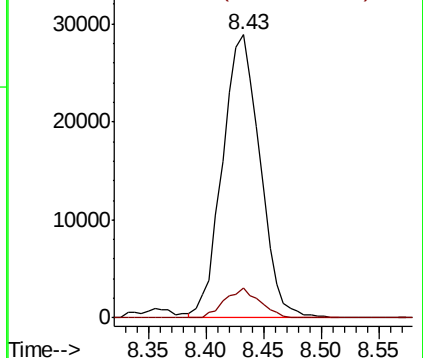


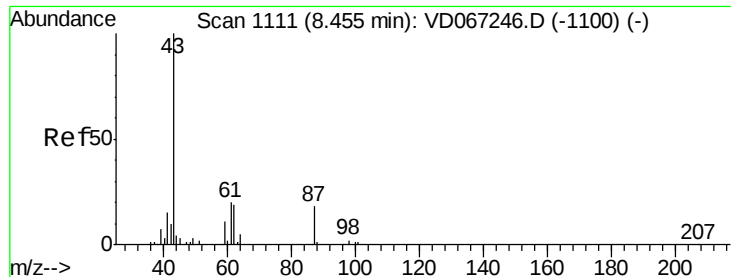
#42
1,2-Dichloroethane
Concen: 21.568 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 62 Resp: 65163
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4



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

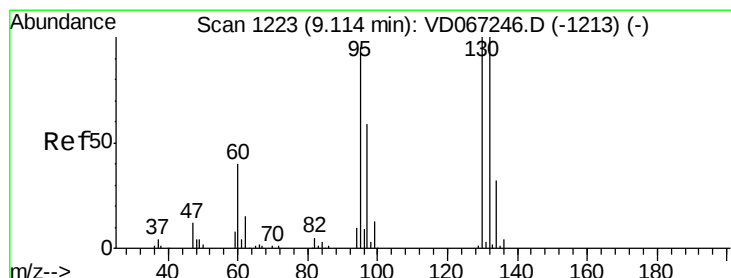
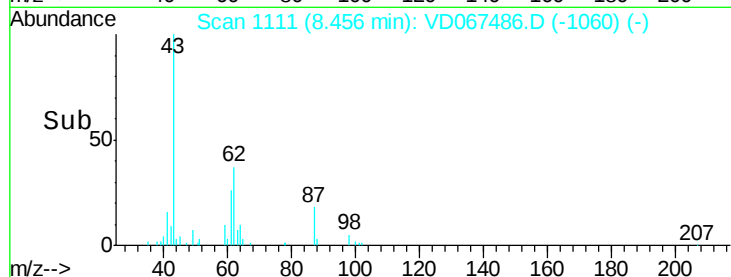
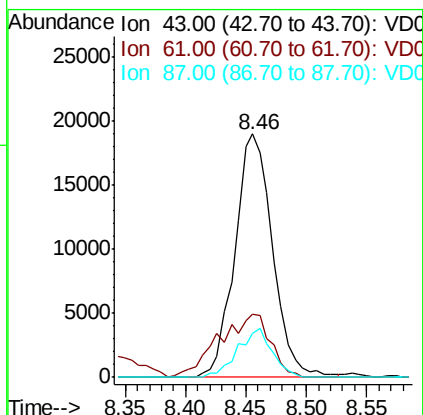
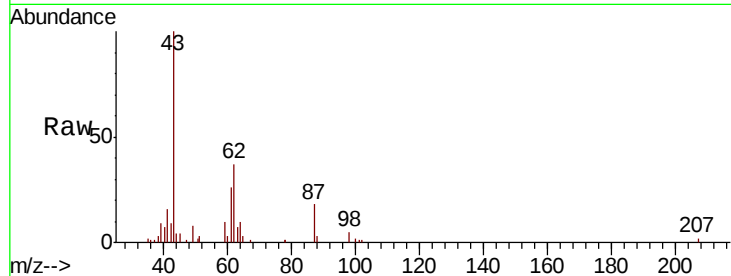




#43
Isopropyl Acetate
Concen: 20.137 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

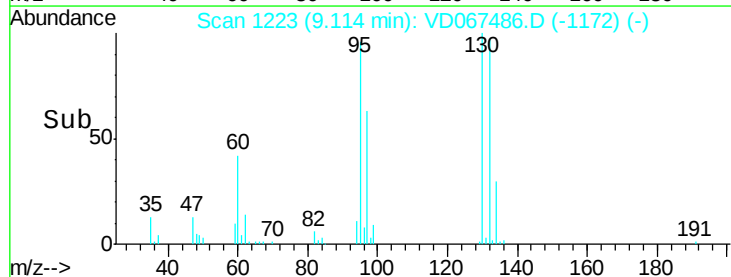
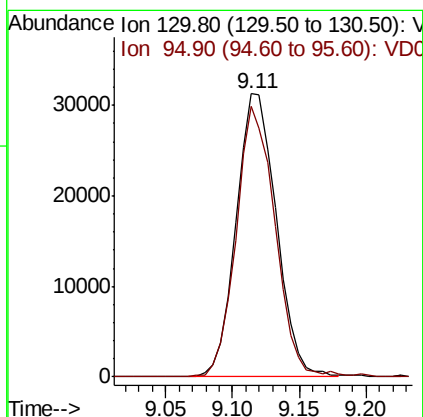
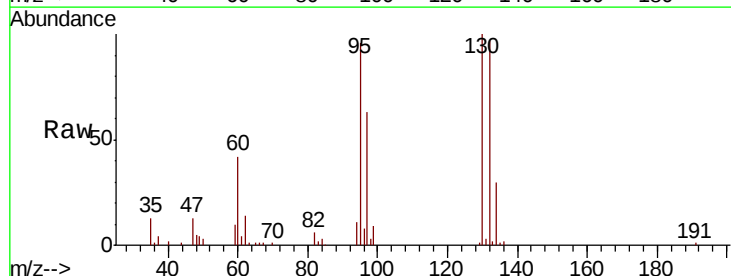
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

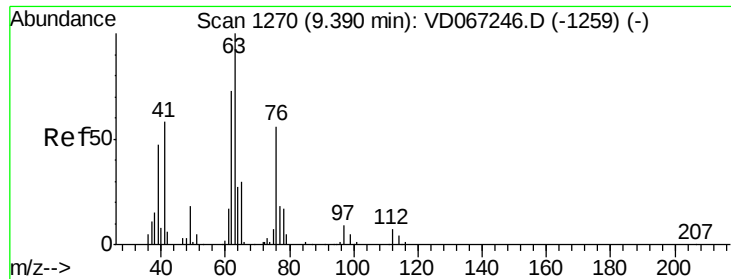
Tot Ion: 43 Resp: 41371
Ion Ratio Lower Upper
43 100
61 35.4 29.5 44.3
87 18.3 14.2 21.4



#44
Trichloroethene
Concen: 21.132 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 130 Resp: 65322
Ion Ratio Lower Upper
130 100
95 95.8 0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.124 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

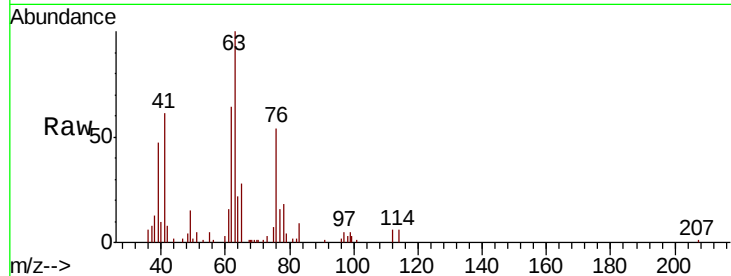
VD1102SBSD01

Tot Ion: 63 Resp: 45027

Ion Ratio Lower Upper

63 100

65 28.5 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.40

25000

20000

15000

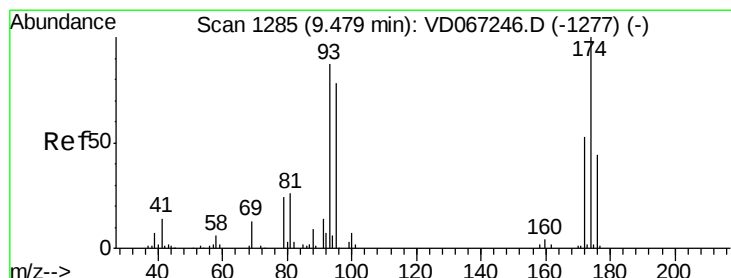
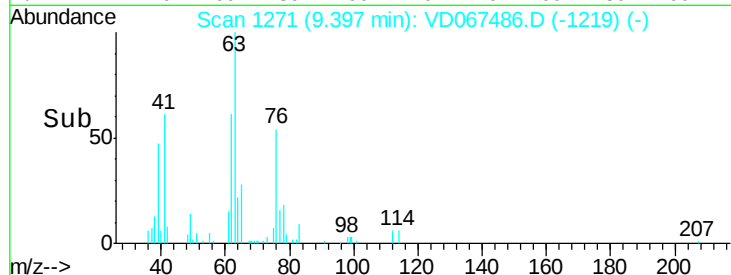
10000

5000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 20.203 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

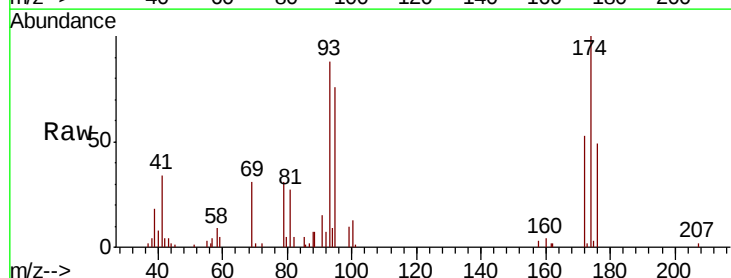
Tgt Ion: 93 Resp: 28165

Ion Ratio Lower Upper

93 100

95 83.6 68.0 102.0

174 110.2 91.8 137.6



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC

20000

15000

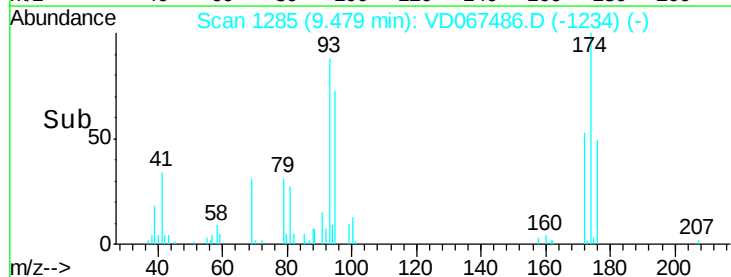
10000

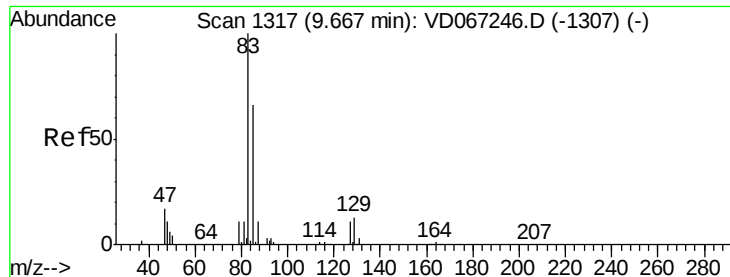
5000

0

Time-->

9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 21.193 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

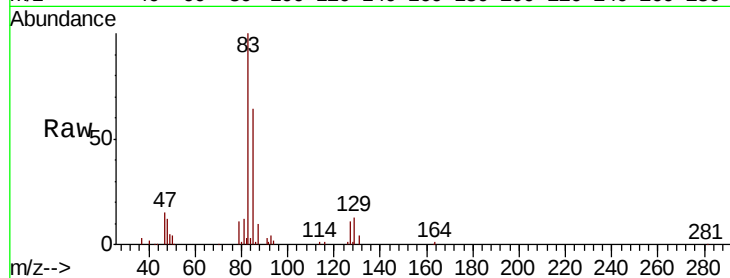
Tot Ion: 83 Resp: 79155

Ion Ratio Lower Upper

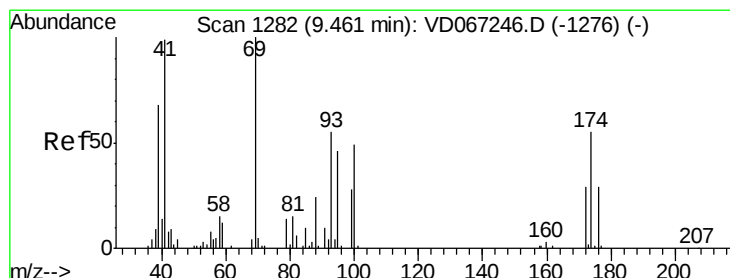
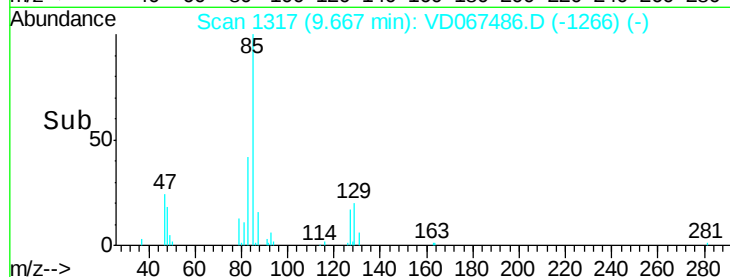
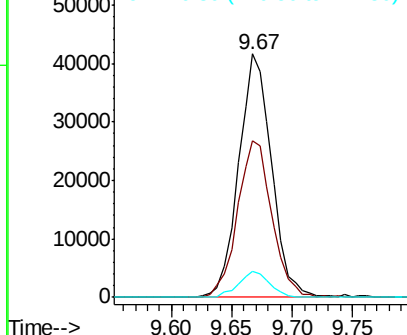
83 100

85 64.4 53.1 79.7

127 10.7 8.6 13.0



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



#48

Methyl methacrylate

Concen: 19.024 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

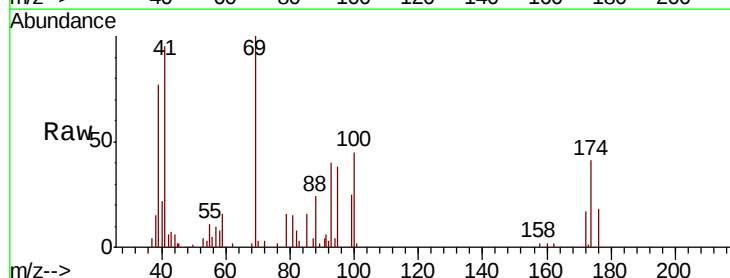
Tgt Ion: 41 Resp: 18994

Ion Ratio Lower Upper

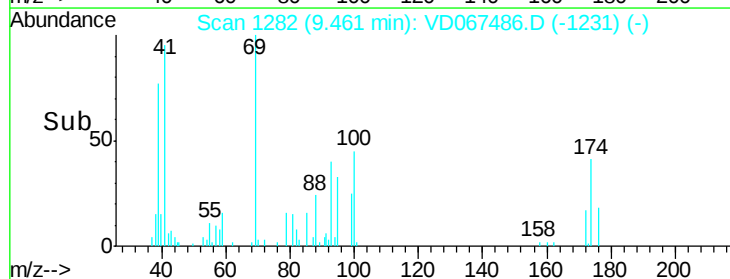
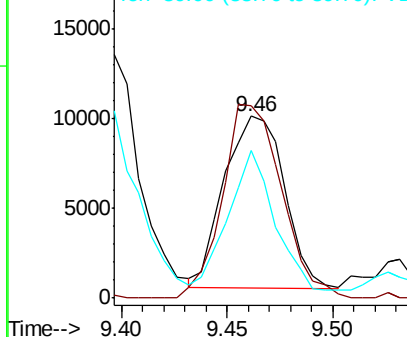
41 100

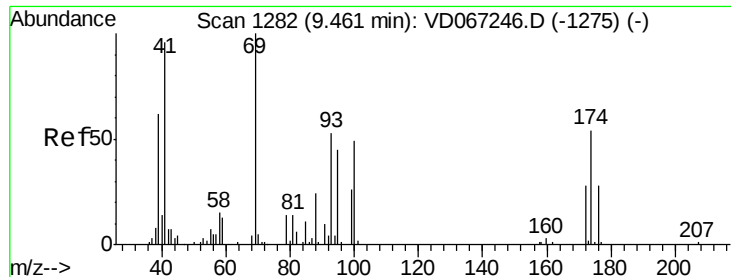
69 110.6 89.0 133.6

39 71.6 60.2 90.2



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

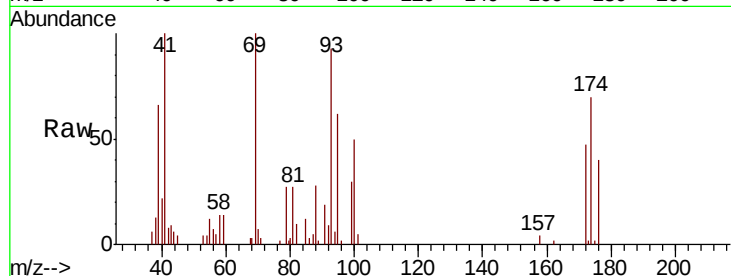




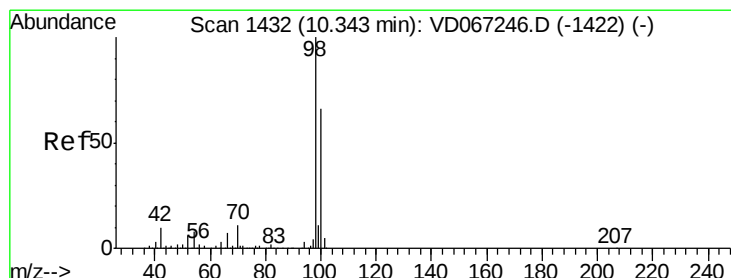
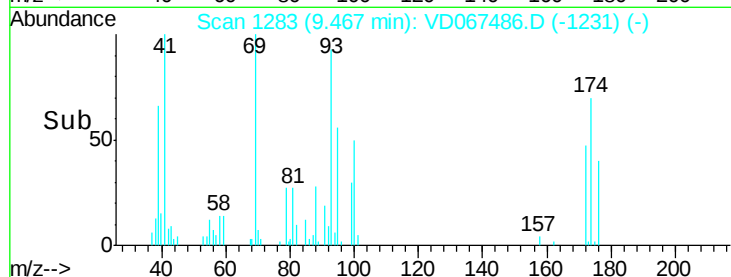
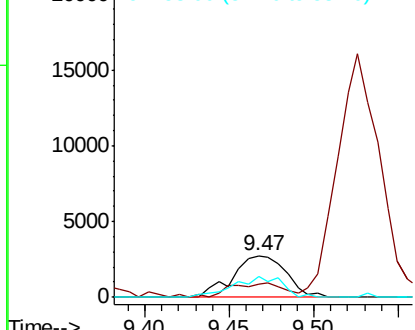
#49
 1,4-Dioxane
 Concen: 429.877 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBSD01

Tot Ion: 88 Resp: 6033
 Ion Ratio Lower Upper
 88 100
 43 34.8 23.9 35.9
 58 47.0 51.0 76.6#

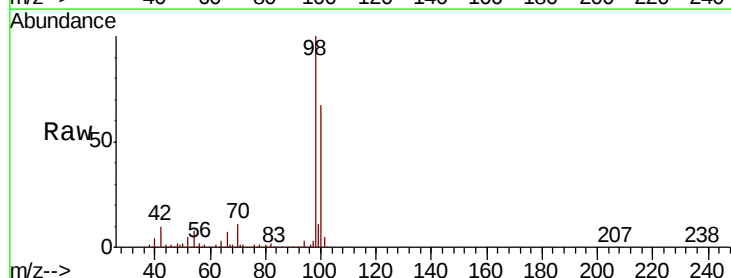


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

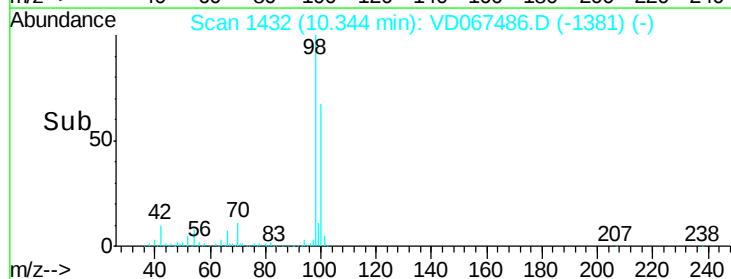
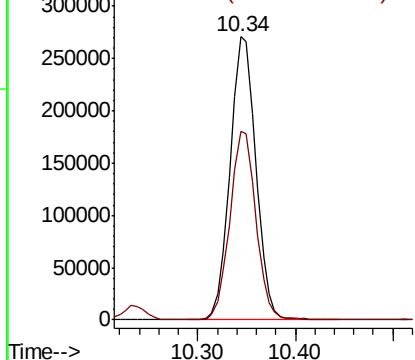


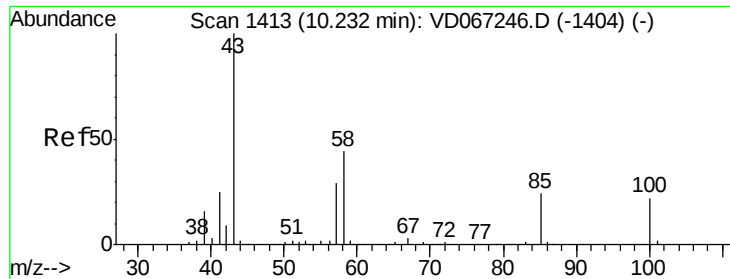
#50
 Toluene-d8
 Concen: 49.959 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 98 Resp: 499583
 Ion Ratio Lower Upper
 98 100
 100 67.1 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: 96.802 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

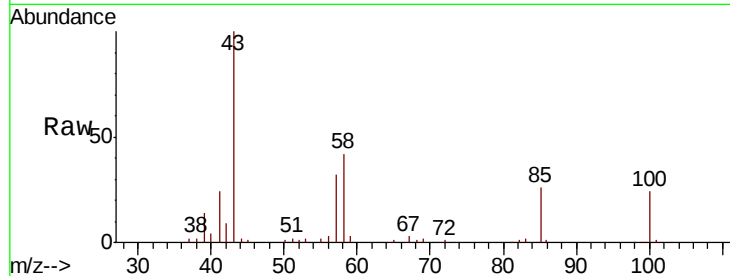
VD1102SBSD01

Tot Ion: 43 Resp: 99195

Ion Ratio Lower Upper

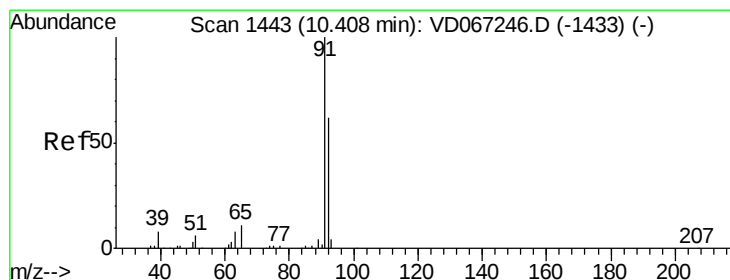
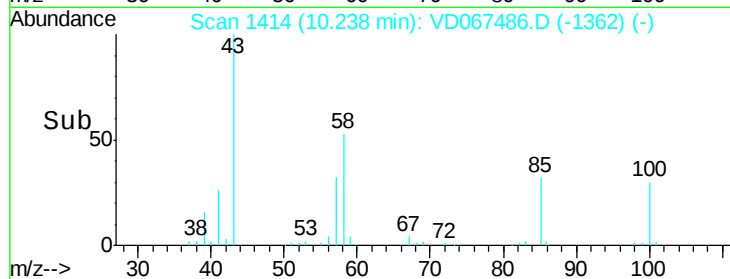
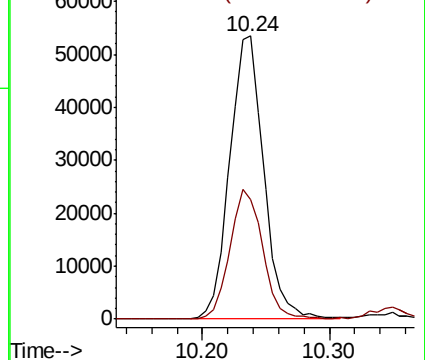
43 100

58 44.0 35.7 53.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.745 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067486.D

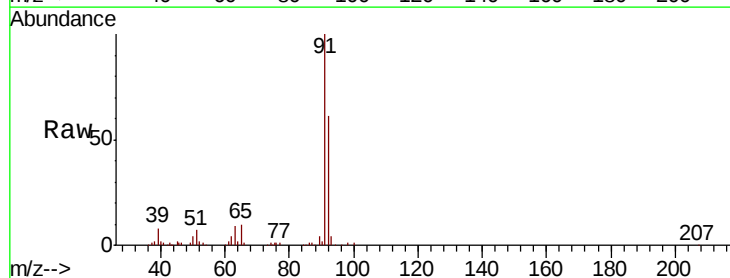
Acq: 02 Nov 2020 12:48

Tgt Ion: 92 Resp: 142987

Ion Ratio Lower Upper

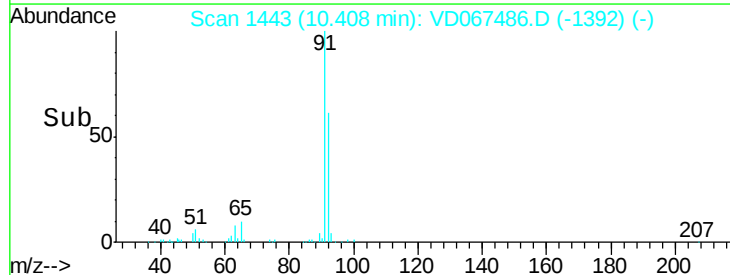
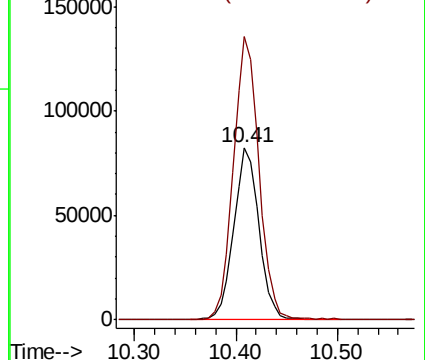
92 100

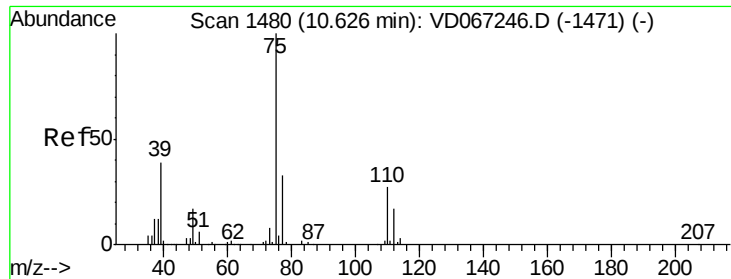
91 165.8 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.754 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

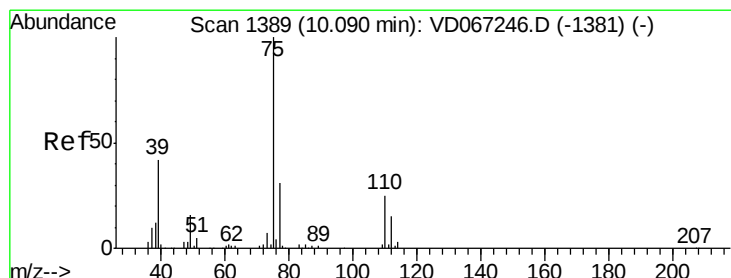
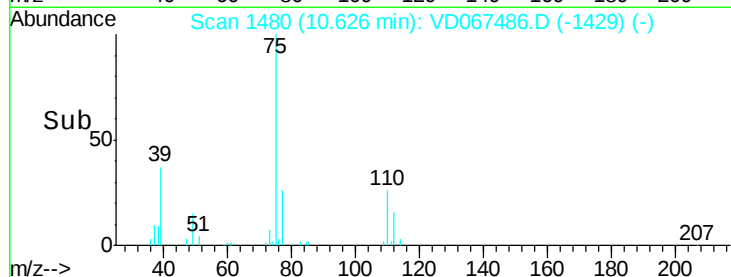
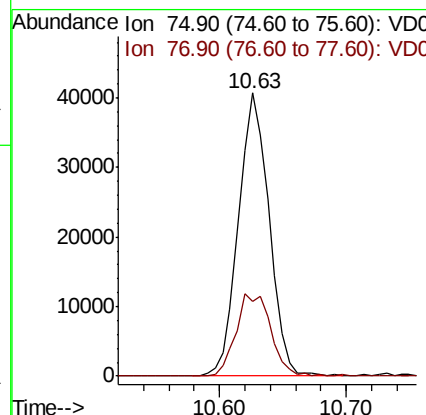
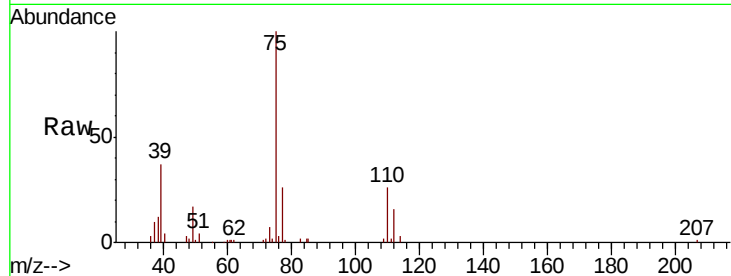
VD1102SBSD01

Tot Ion: 75 Resp: 68096

Ion Ratio Lower Upper

75 100

77 26.3 26.5 39.7#



#54

cis-1,3-Dichloropropene

Concen: 20.707 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

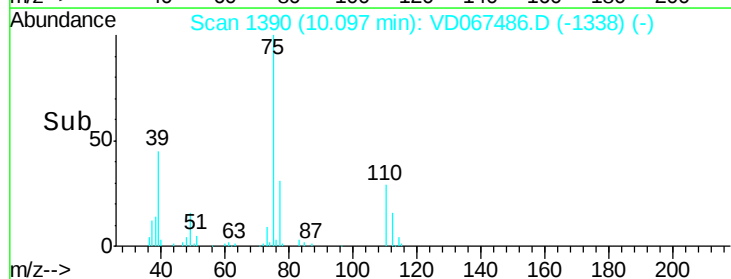
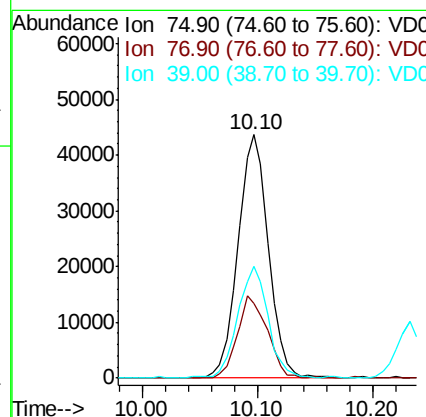
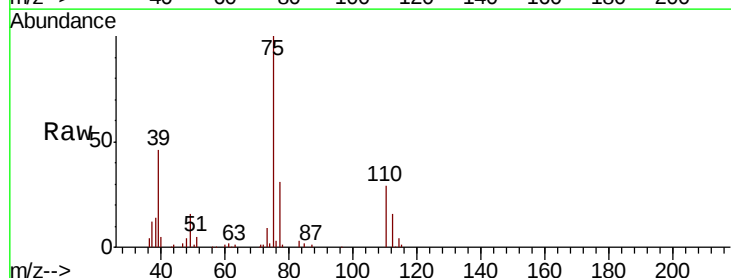
Tgt Ion: 75 Resp: 79510

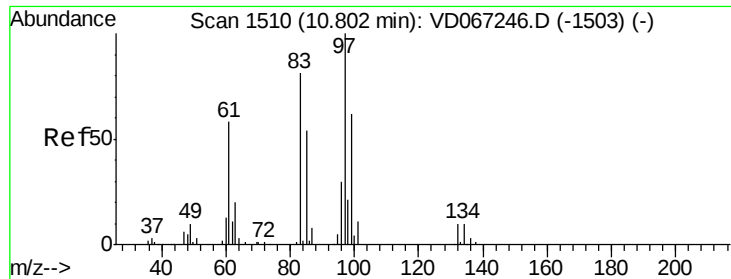
Ion Ratio Lower Upper

75 100

77 30.5 24.5 36.7

39 45.7 33.7 50.5





#55

1,1,2-Trichloroethane

Concen: 20.130 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

Tot Ion: 97 Resp: 38267

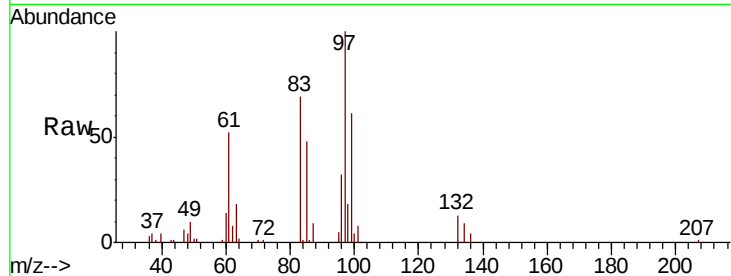
Ion	Ratio	Lower	Upper
97	100		
83	68.7	64.9	97.3
85	48.0	43.3	64.9
99	61.2	49.1	73.7

97 100

83 68.7 64.9 97.3

85 48.0 43.3 64.9

99 61.2 49.1 73.7



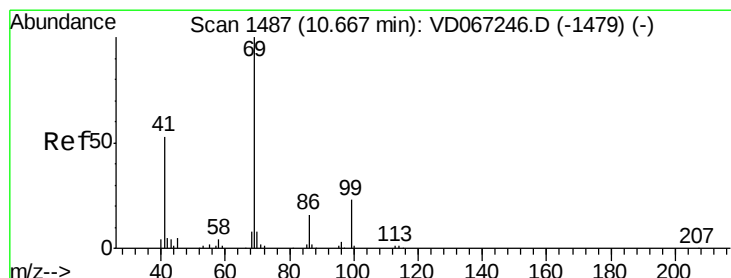
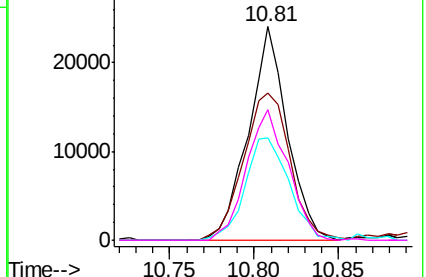
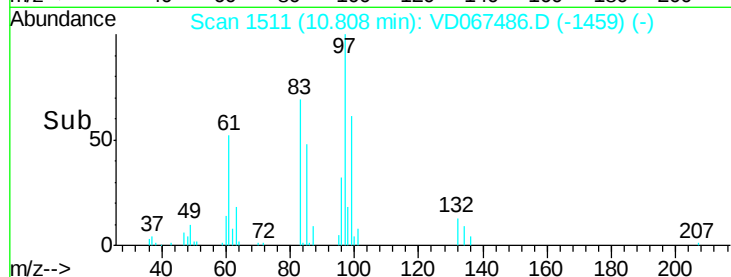
Abundance Ion 96.90 (96.60 to 97.60): VDC

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

Time-->



#56

Ethyl methacrylate

Concen: 19.855 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

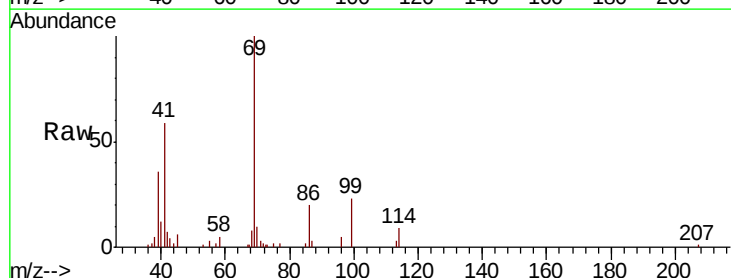
Tgt Ion: 69 Resp: 39146

Ion	Ratio	Lower	Upper
69	100		
41	56.8	44.7	67.1
39	34.8	26.2	39.2

69 100

41 56.8 44.7 67.1

39 34.8 26.2 39.2

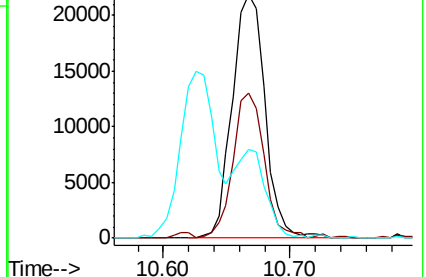
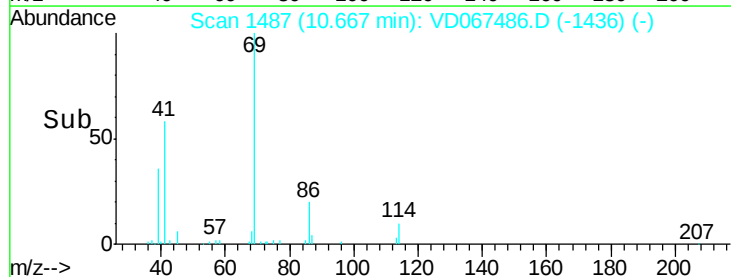


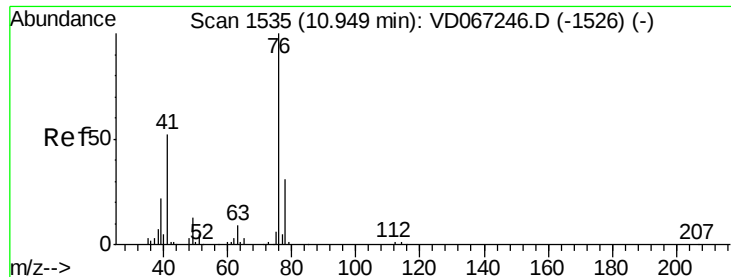
Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Time-->

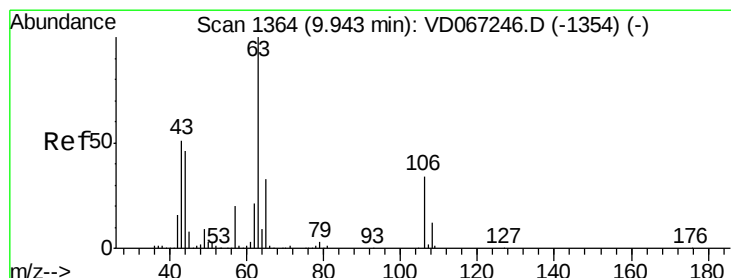
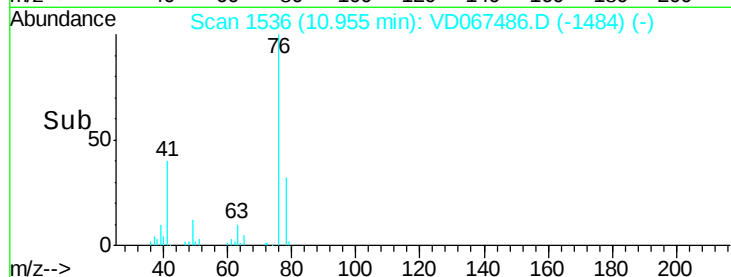
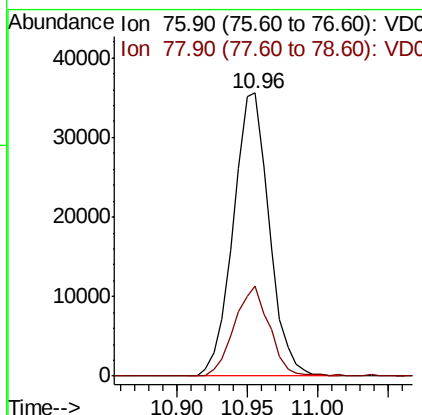
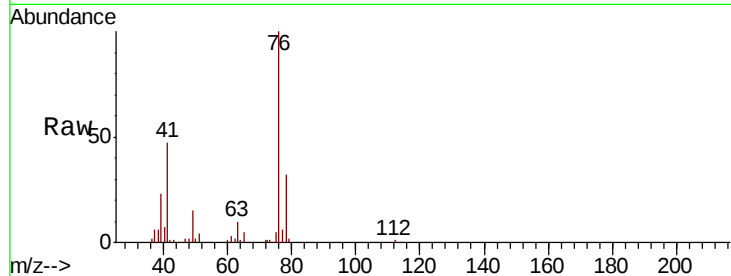




#57
 1,3-Dichloropropane
 Concen: 20.944 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

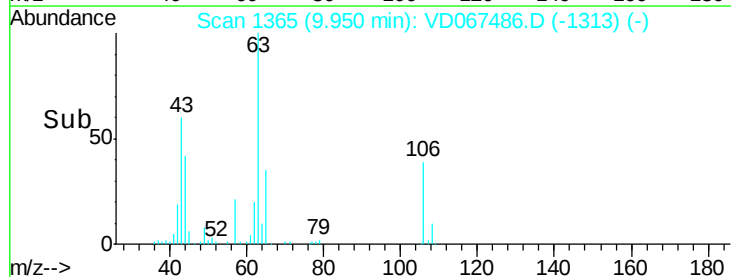
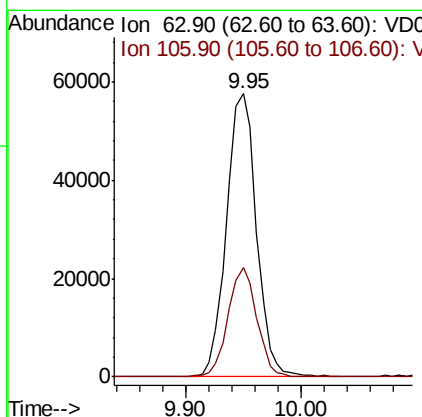
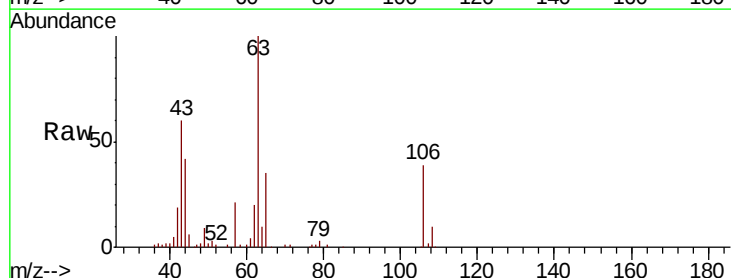
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBSD01

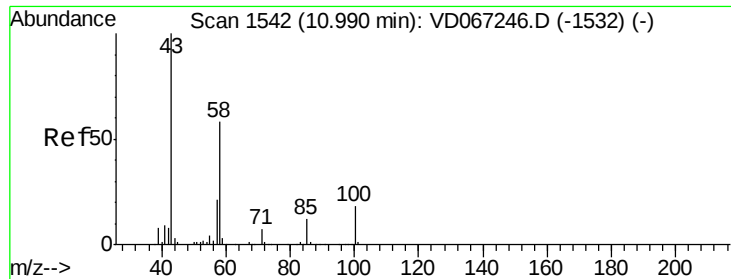
Tot Ion: 76 Resp: 63363
 Ion Ratio Lower Upper
 76 100
 78 30.7 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.809 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 63 Resp: 103981
 Ion Ratio Lower Upper
 63 100
 106 36.9 27.8 41.6

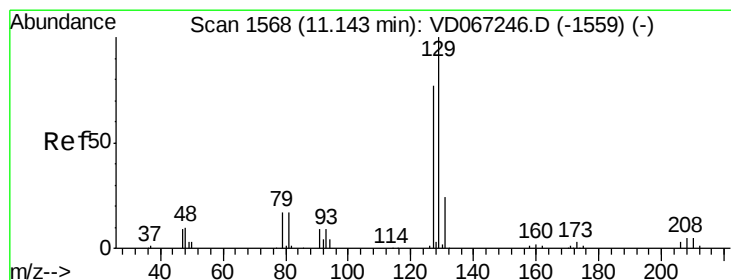
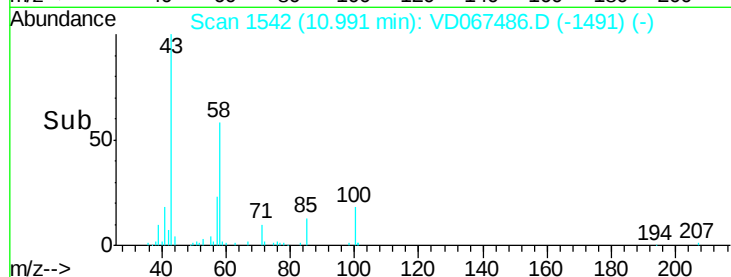
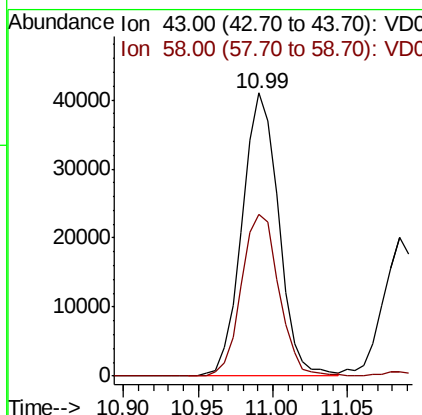
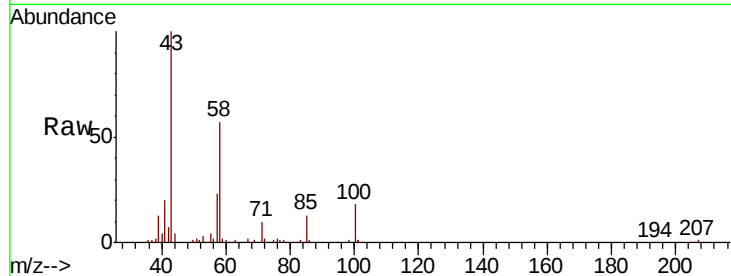




#59
2-Hexanone
Concen: 99.282 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

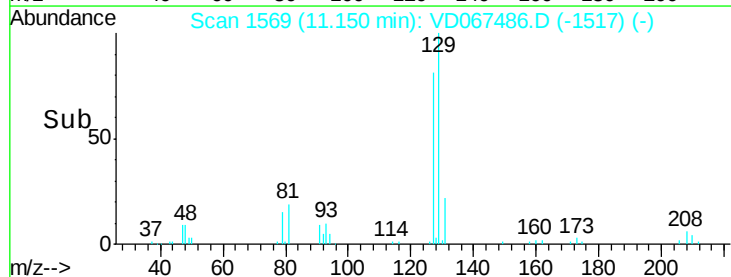
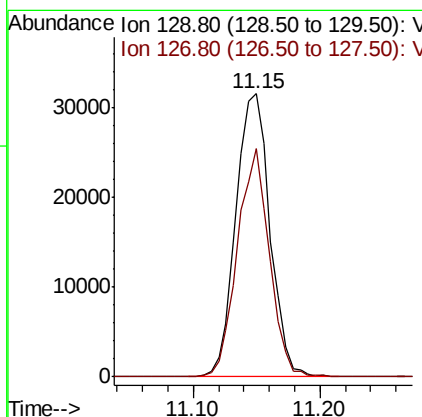
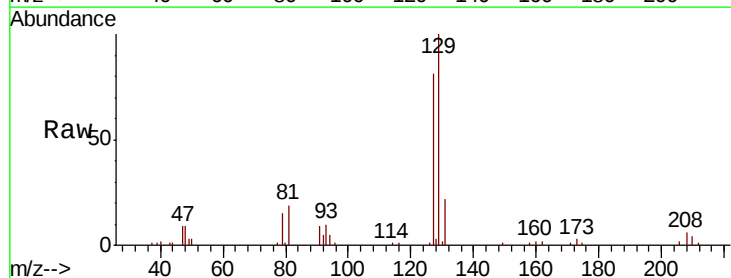
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

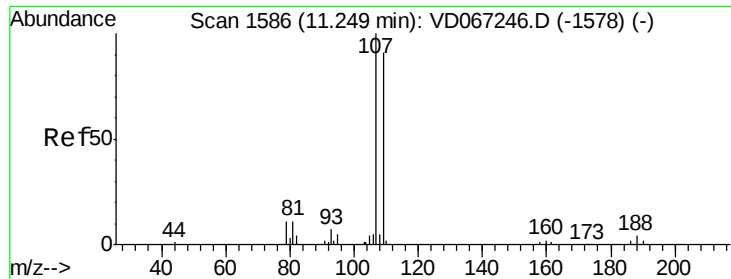
Tot Ion: 43 Resp: 69520
Ion Ratio Lower Upper
43 100
58 58.5 29.3 87.9



#60
Dibromochloromethane
Concen: 21.199 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 129 Resp: 58771
Ion Ratio Lower Upper
129 100
127 75.5 38.3 114.8

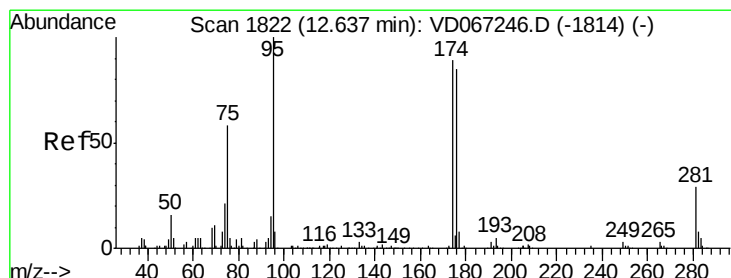
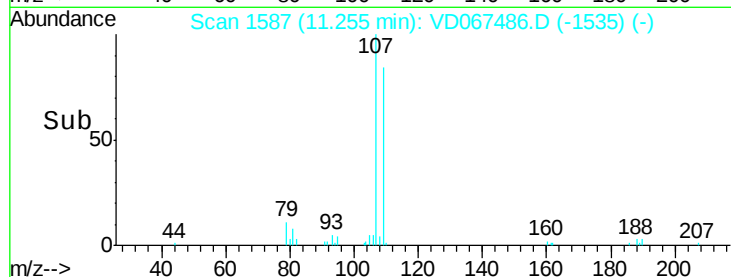
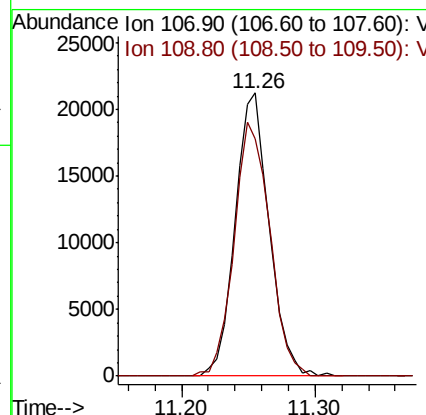
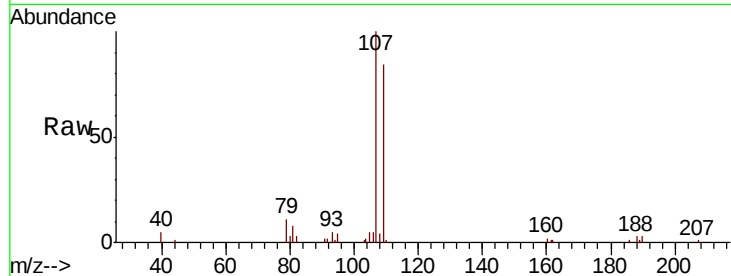




#61
 1,2-Dibromoethane
 Concen: 20.089 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

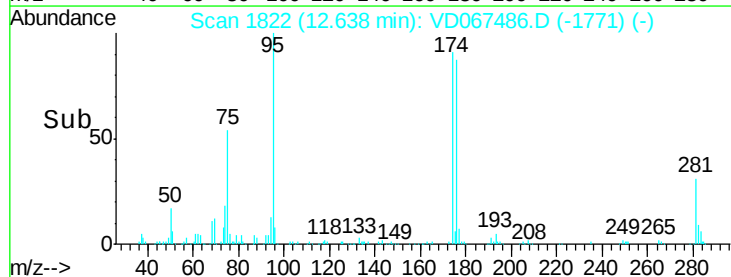
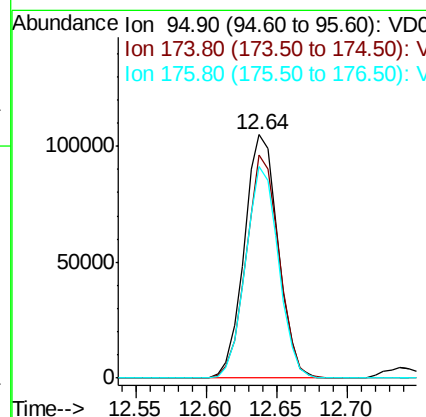
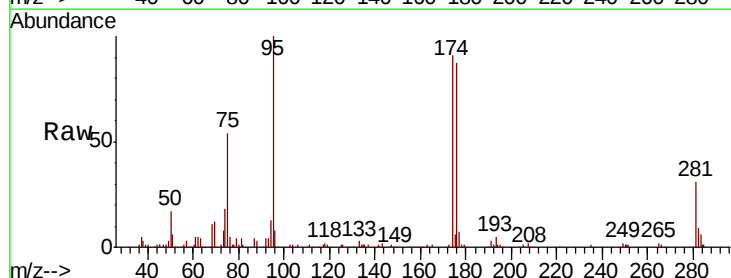
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBSD01

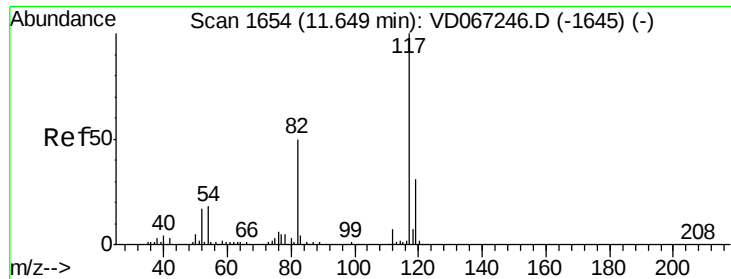
Tot Ion:107 Resp: 37649
 Ion Ratio Lower Upper
 107 100
 109 93.8 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 50.829 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 95 Resp: 176740
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 175.2
 176 84.4 0.0 168.6

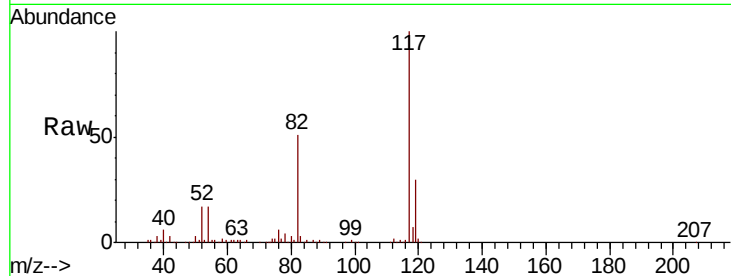




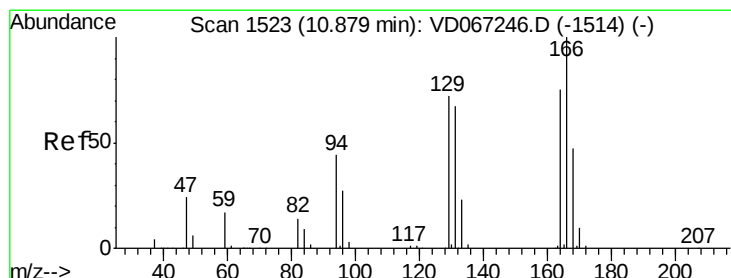
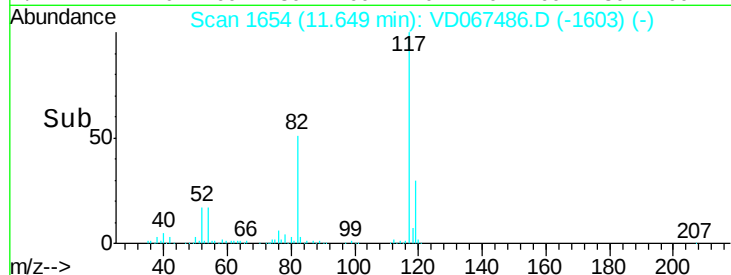
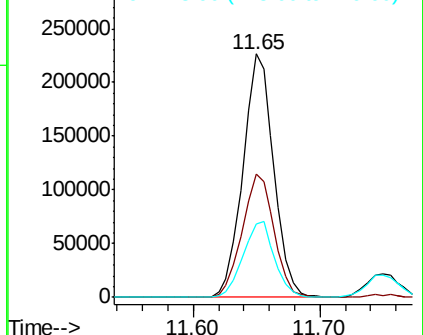
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion:117 Resp: 380650
Ion Ratio Lower Upper
117 100
82 50.8 39.9 59.9
119 30.4 24.9 37.3

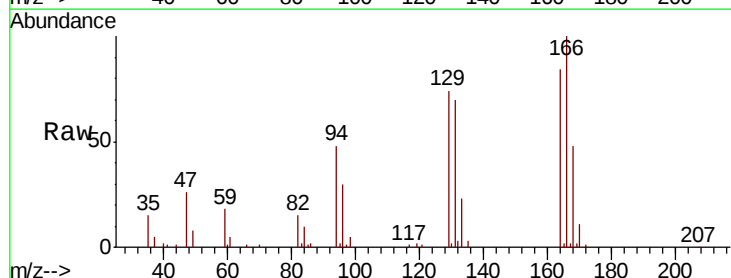


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

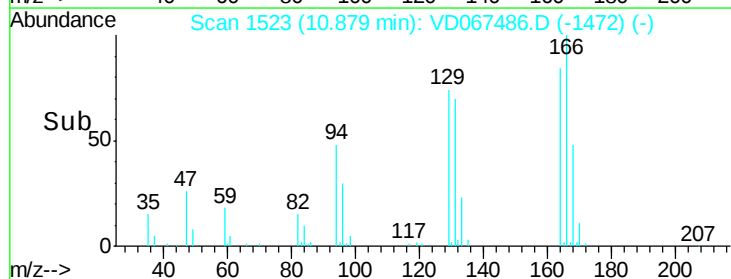
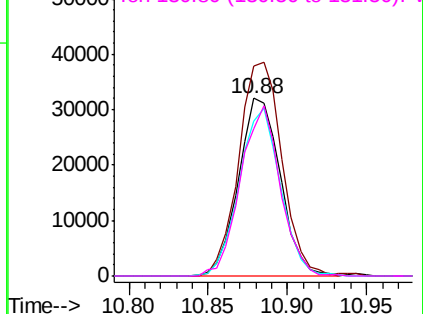


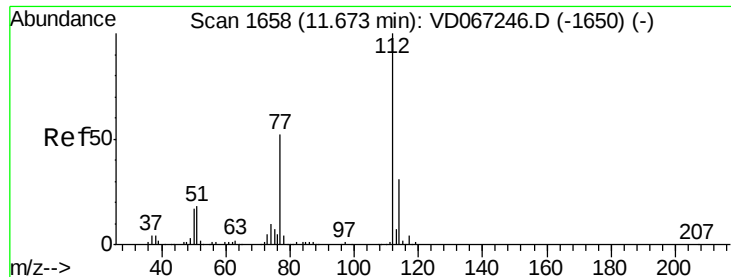
#64
Tetrachloroethene
Concen: 21.381 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion:164 Resp: 58966
Ion Ratio Lower Upper
164 100
166 118.5 107.3 160.9
129 87.1 77.3 115.9
131 82.7 71.4 107.2



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

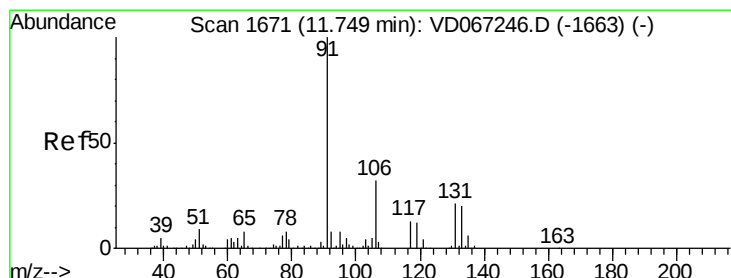
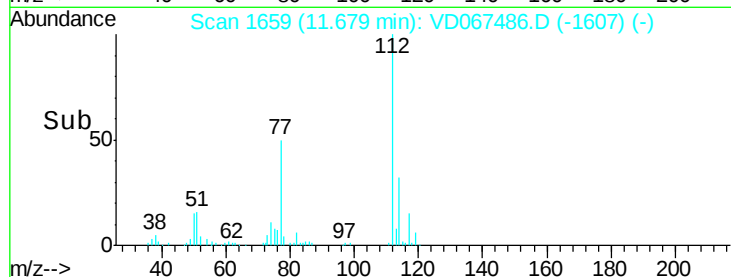
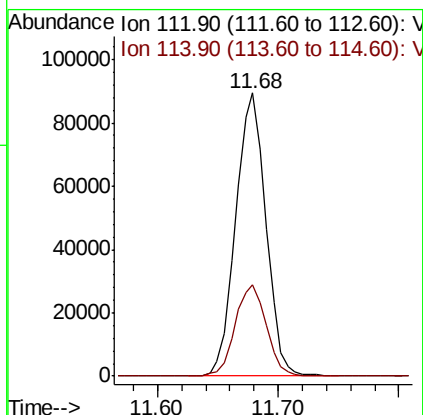
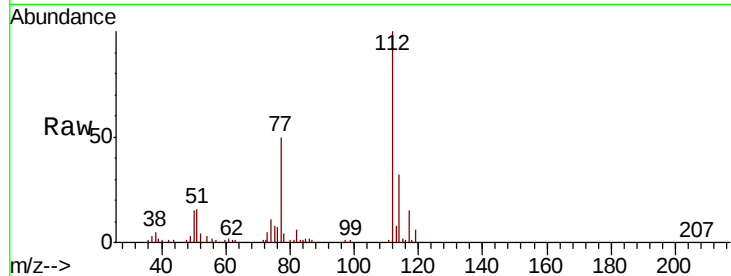




#65
Chlorobenzene
Concen: 21.399 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

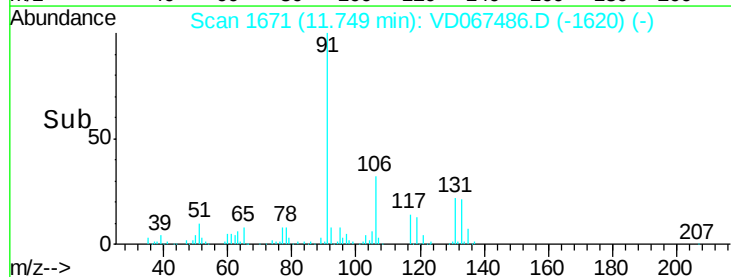
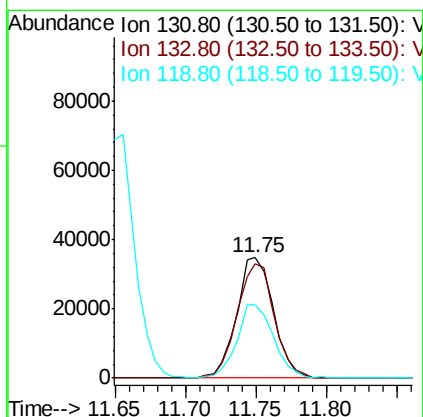
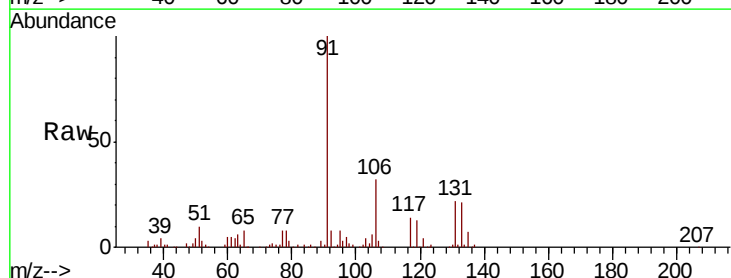
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

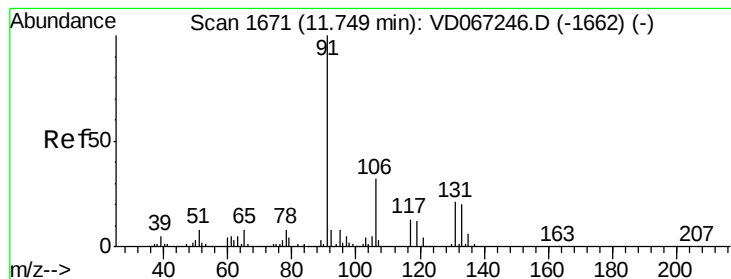
Tot Ion:112 Resp: 156200
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.934 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion:131 Resp: 63633
Ion Ratio Lower Upper
131 100
133 96.4 48.1 144.3
119 61.2 30.0 90.0





#67

Ethyl Benzene

Concen: 21.230 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

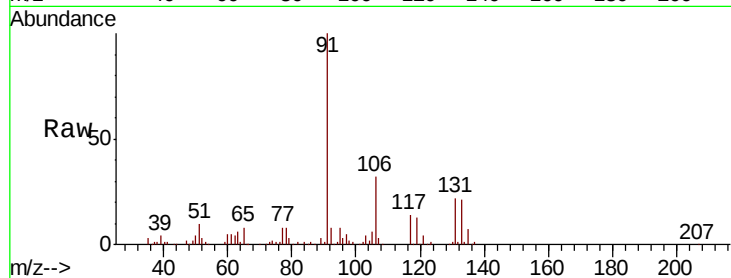
VD1102SBS01

Tot Ion: 91 Resp: 265640

Ion Ratio Lower Upper

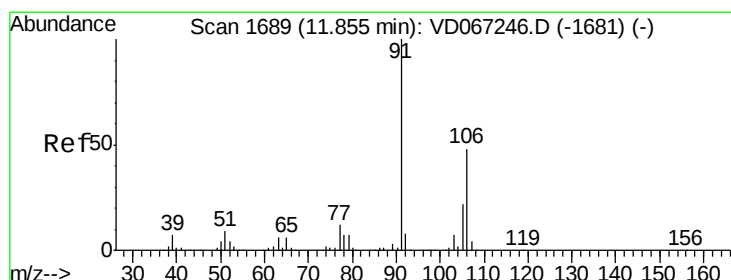
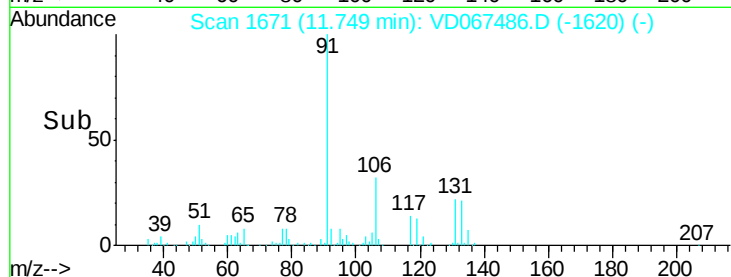
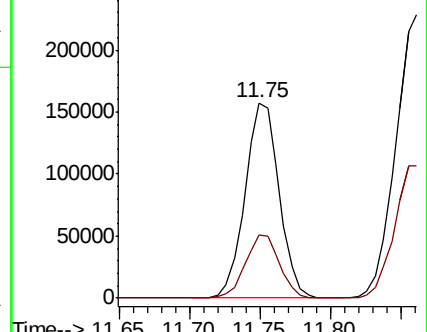
91 100

106 32.1 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 44.109 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067486.D

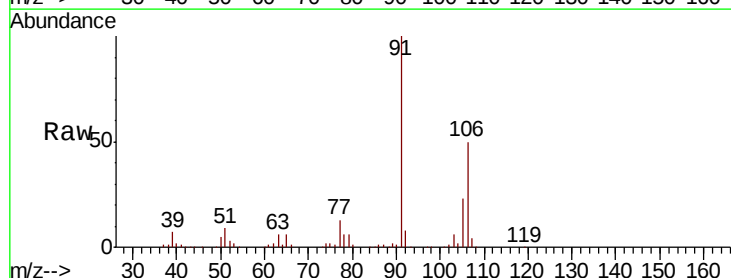
Acq: 02 Nov 2020 12:48

Tgt Ion: 106 Resp: 212534

Ion Ratio Lower Upper

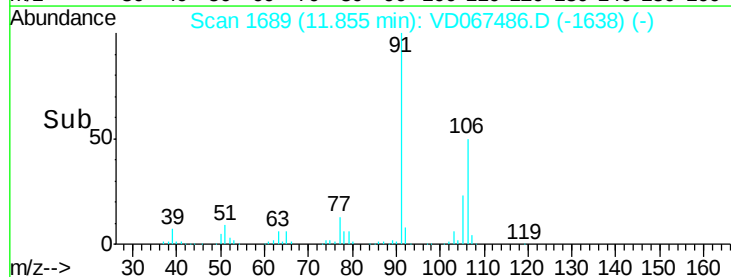
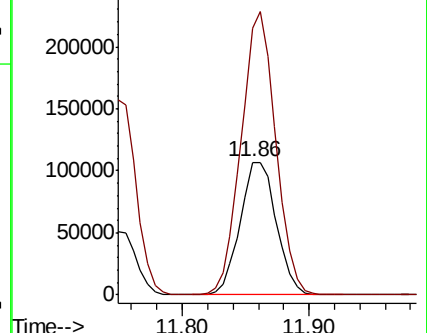
106 100

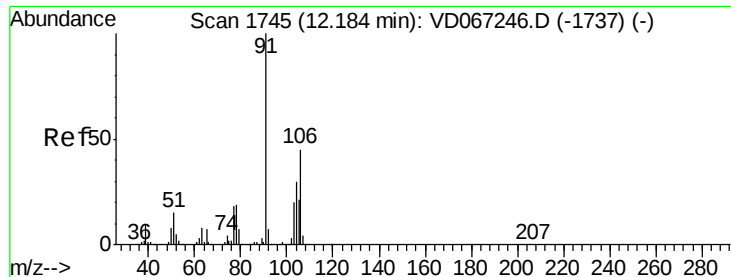
91 202.9 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

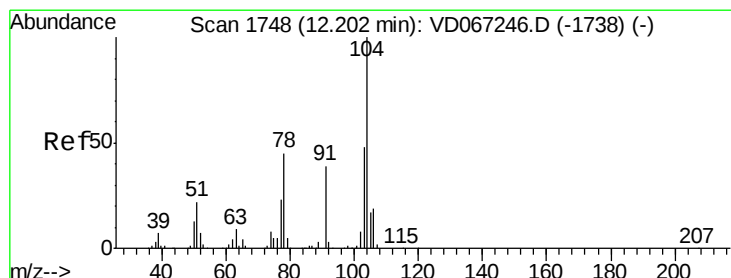
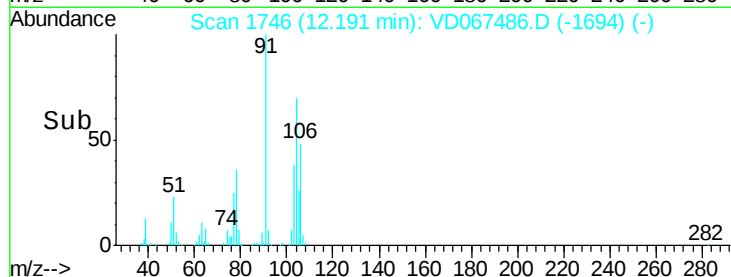
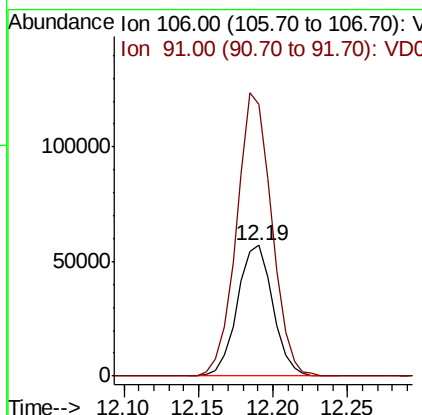
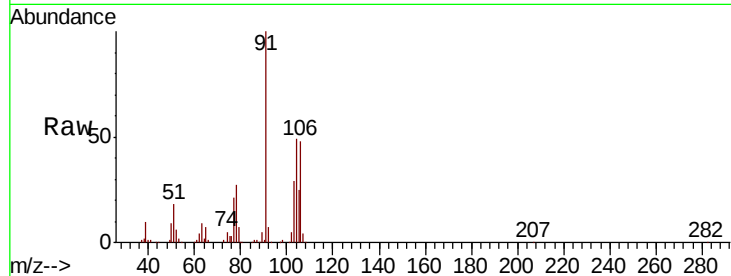




#69
o-Xylene
Concen: 21.070 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

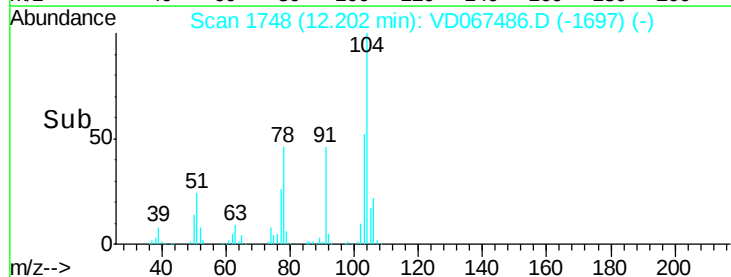
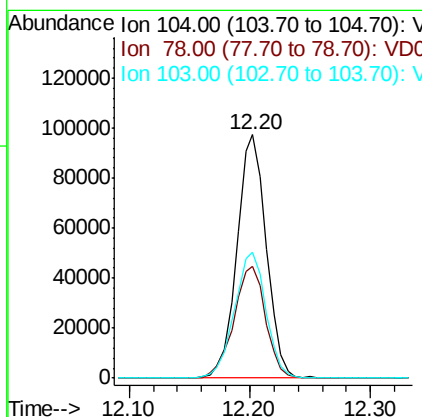
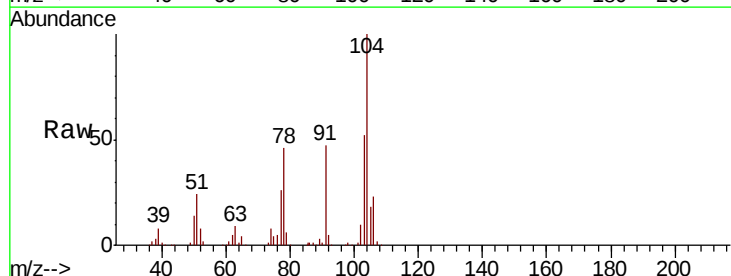
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

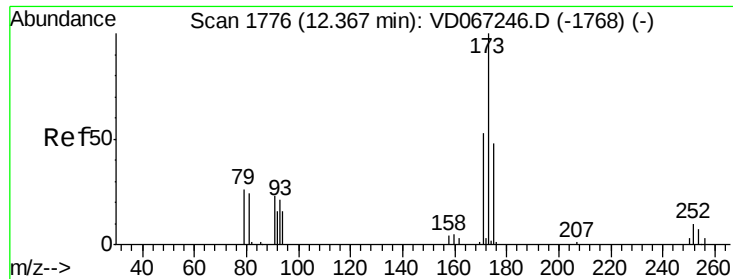
Tot Ion:106 Resp: 94013
Ion Ratio Lower Upper
106 100
91 215.0 109.1 327.3



#70
Styrene
Concen: 21.472 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion:104 Resp: 164921
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 55.5 42.6 64.0

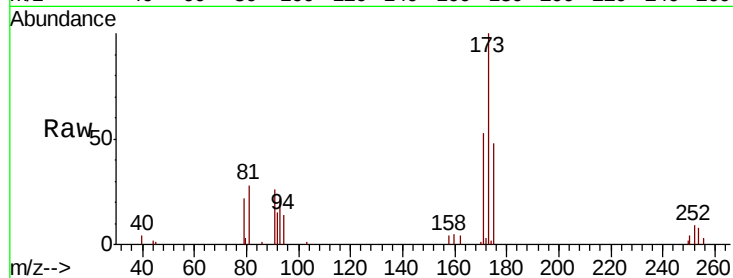




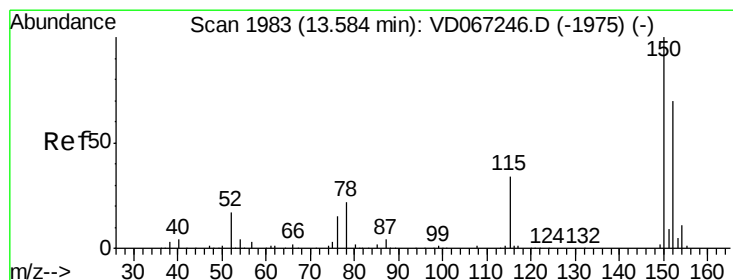
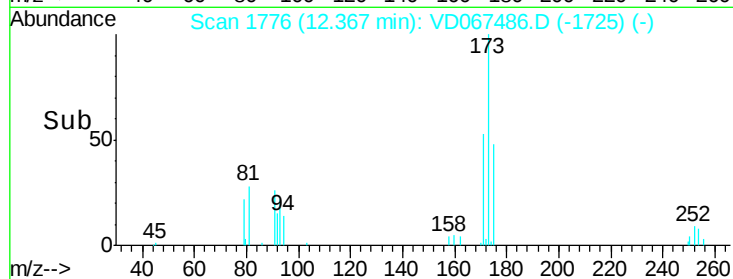
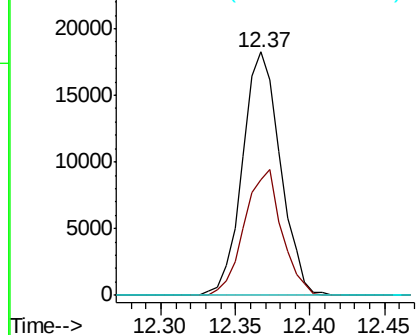
#71
Bromoform
Concen: 20.577 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

Tot Ion:173 Resp: 32070
Ion Ratio Lower Upper
173 100
175 50.9 24.2 72.6
254 0.0 0.1 0.1#

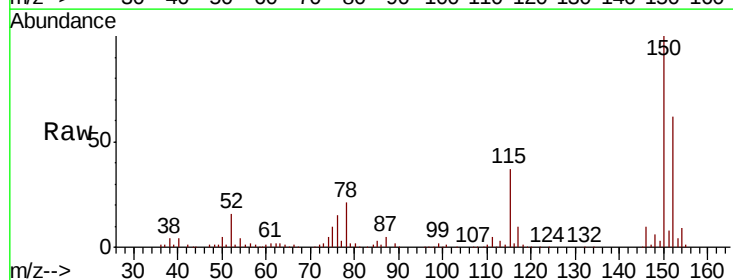


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

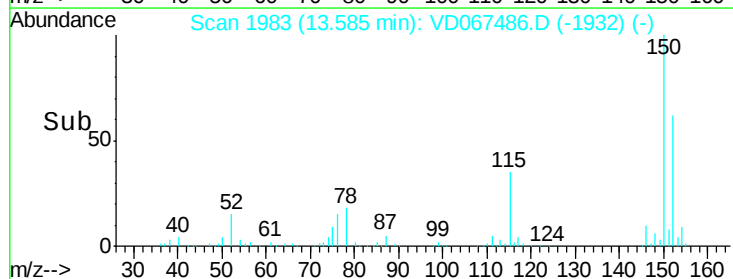
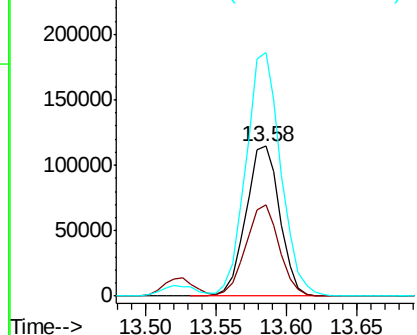


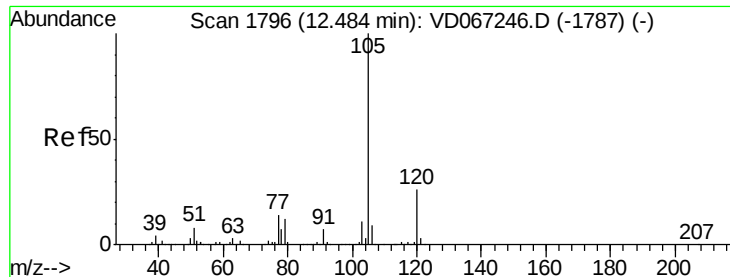
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion:152 Resp: 193061
Ion Ratio Lower Upper
152 100
115 60.0 29.3 87.9
150 166.9 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.248 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

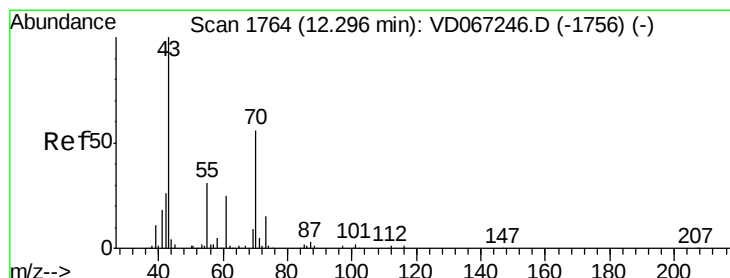
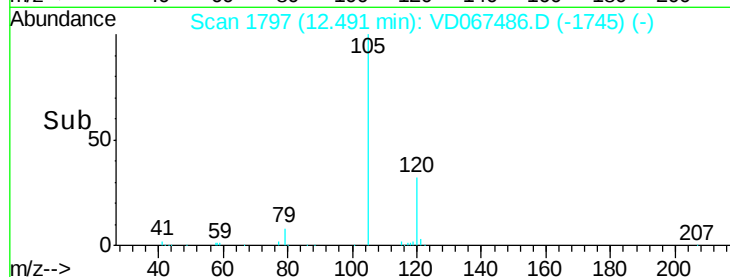
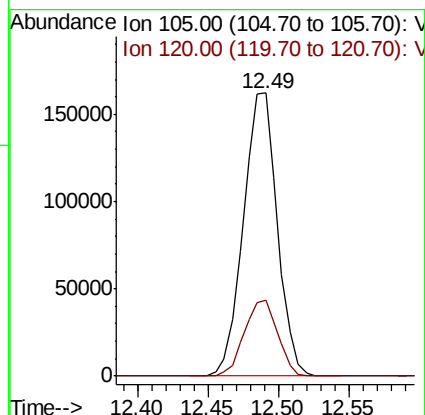
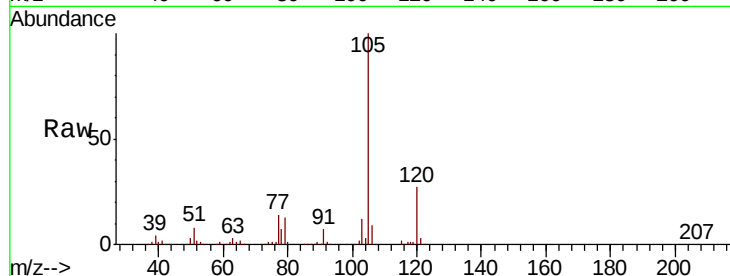
VD1102SBS01

Tot Ion:105 Resp: 272609

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 19.627 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Tgt Ion: 43 Resp: 36321

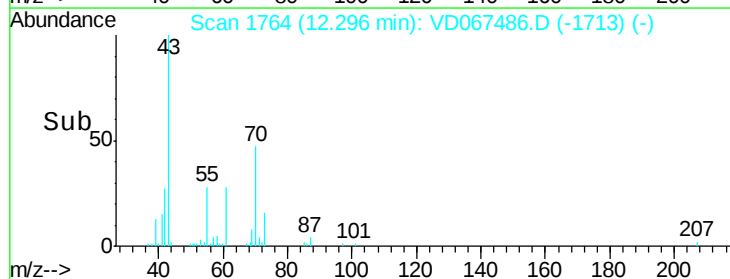
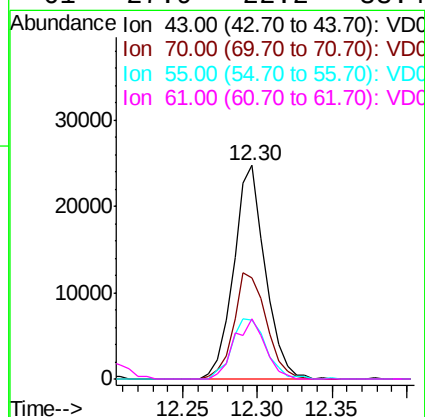
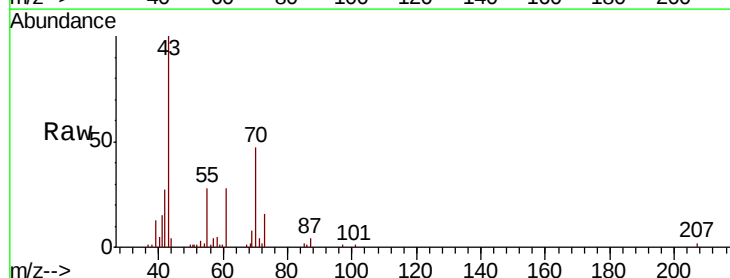
Ion Ratio Lower Upper

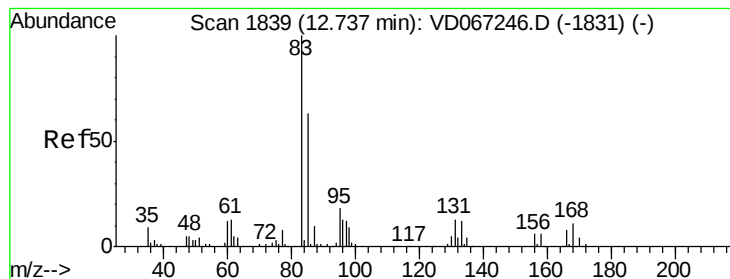
43 100

70 51.3 42.7 64.1

55 31.1 24.0 36.0

61 27.9 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.084 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

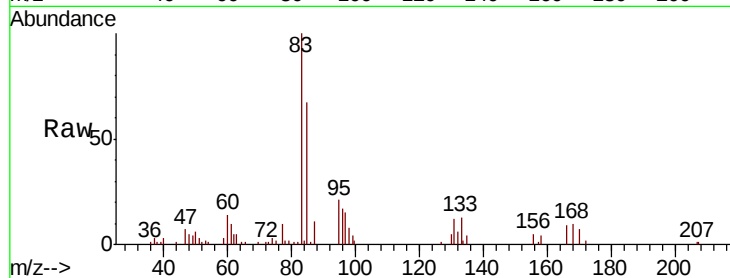
Tot Ion: 83 Resp: 37707

Ion Ratio Lower Upper

83 100

131 11.7 6.5 19.5

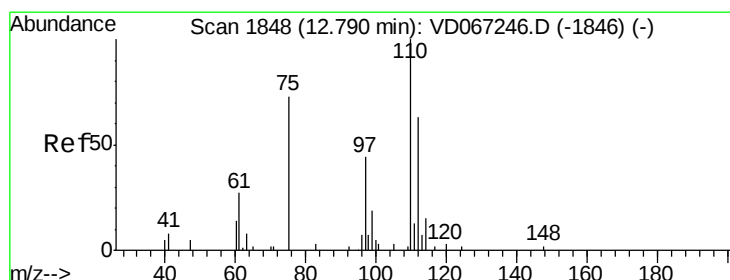
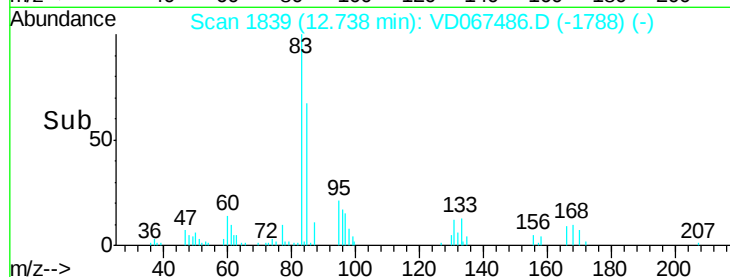
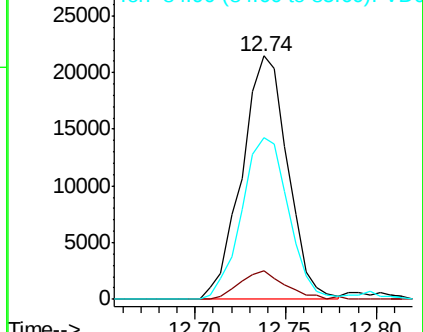
85 68.1 32.6 97.7



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: 39.236 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067486.D

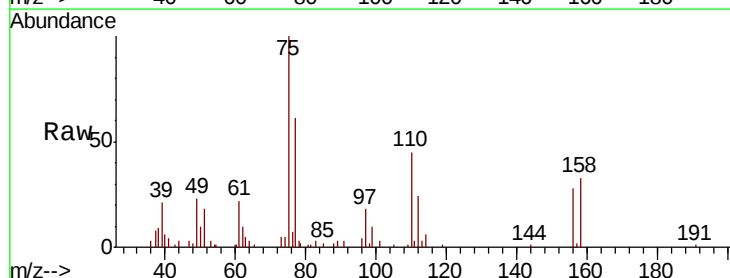
Acq: 02 Nov 2020 12:48

Tgt Ion: 75 Resp: 52501

Ion Ratio Lower Upper

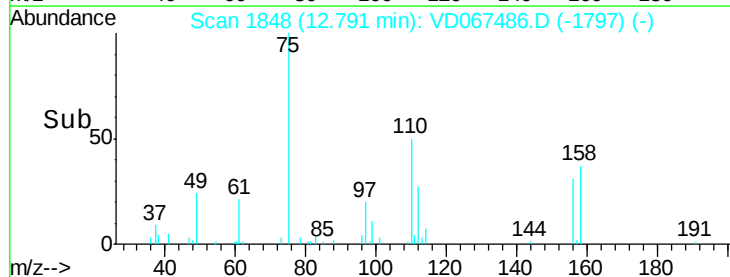
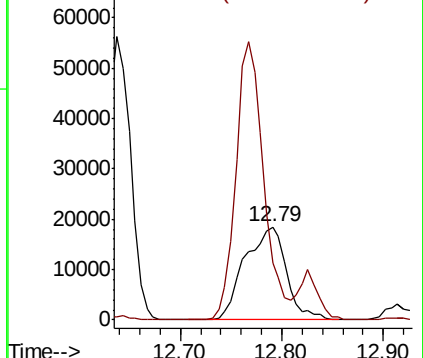
75 100

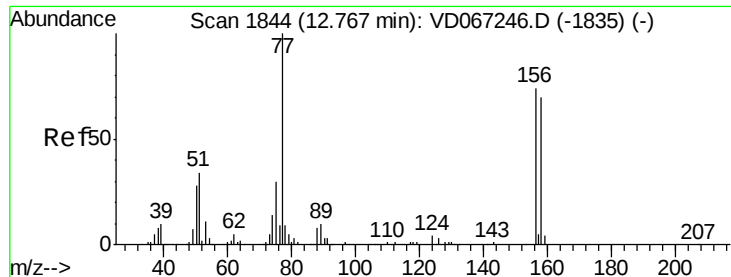
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.691 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

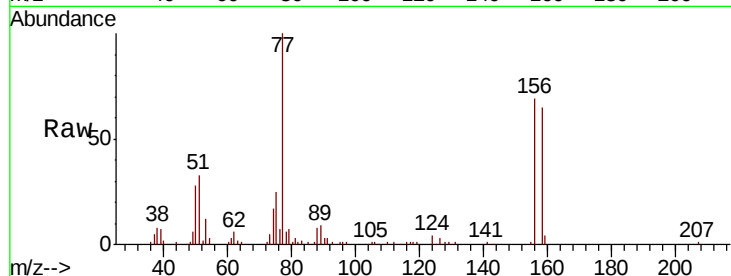
Tot Ion:156 Resp: 66262

Ion Ratio Lower Upper

156 100

77 158.6 78.0 233.8

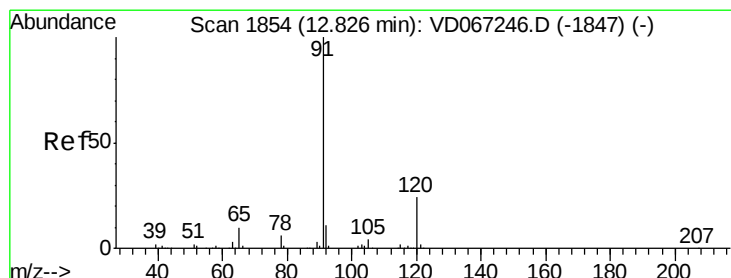
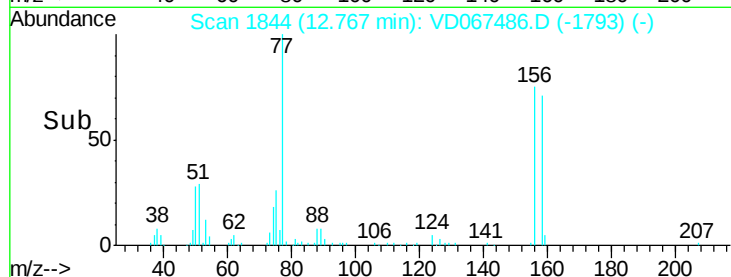
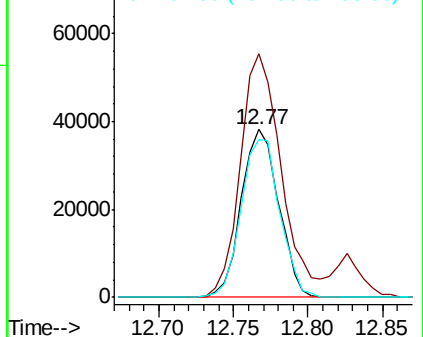
158 97.5 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.934 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067486.D

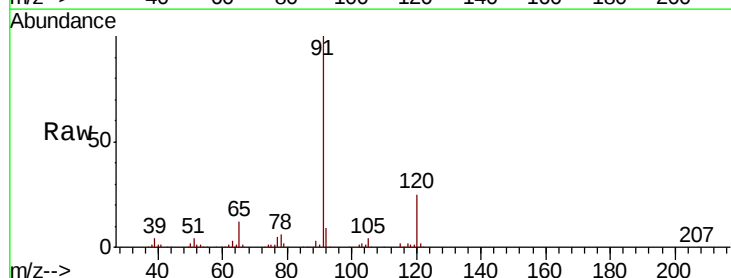
Acq: 02 Nov 2020 12:48

Tgt Ion: 91 Resp: 311381

Ion Ratio Lower Upper

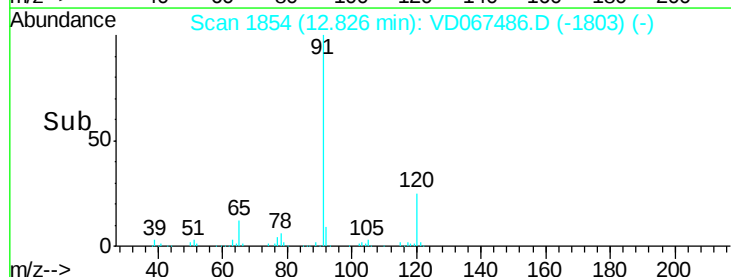
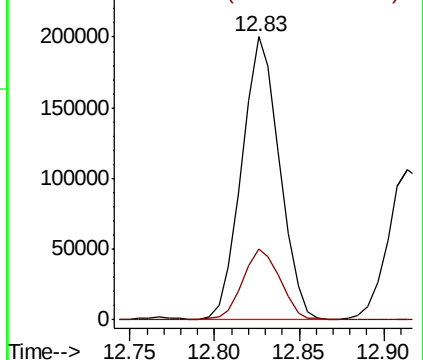
91 100

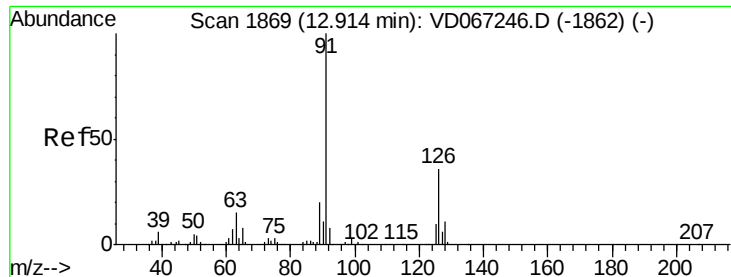
120 24.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.582 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

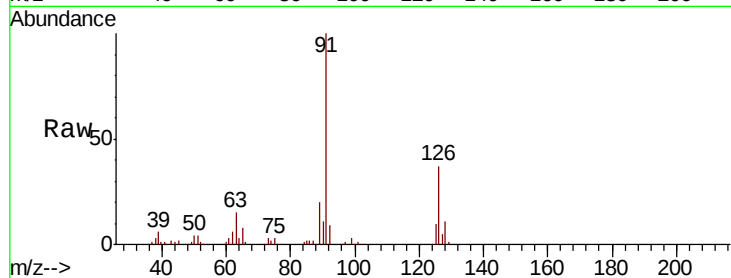
VD1102SBS01

Tot Ion: 91 Resp: 177683

Ion Ratio Lower Upper

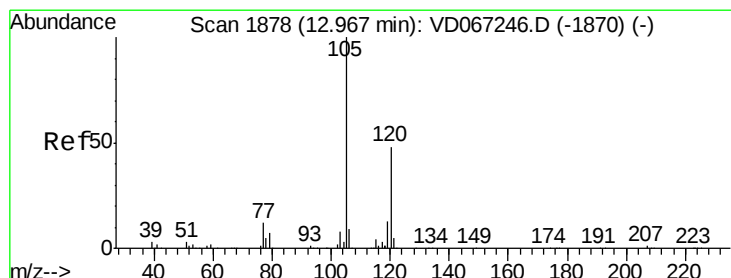
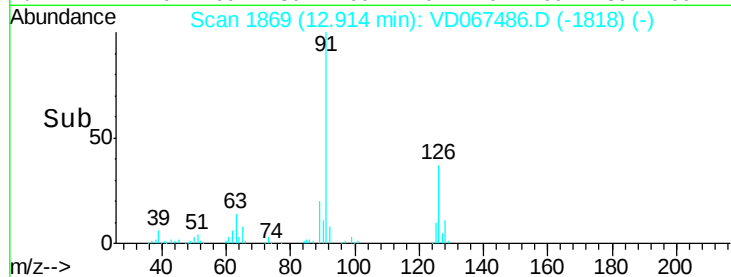
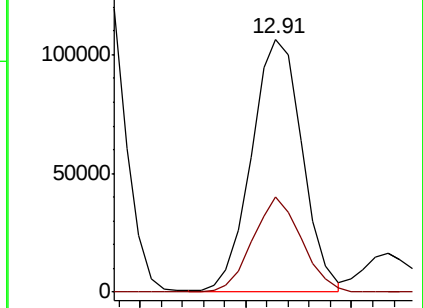
91 100

126 36.3 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VD067486.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD067486.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.830 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067486.D

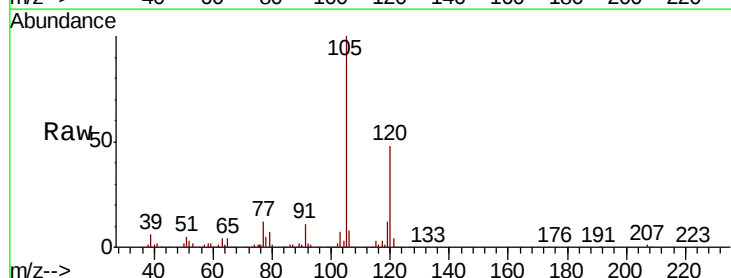
Acq: 02 Nov 2020 12:48

Tgt Ion: 105 Resp: 232440

Ion Ratio Lower Upper

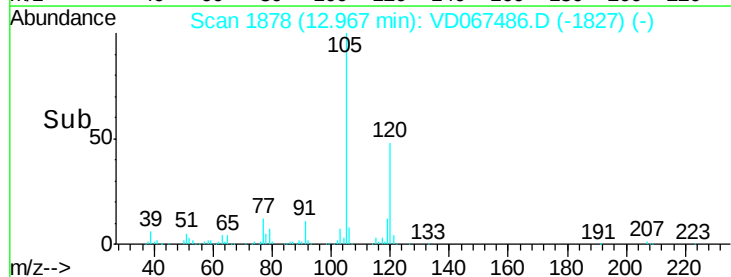
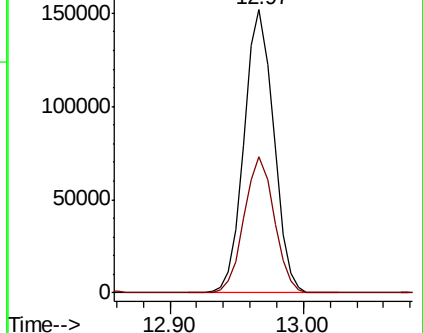
105 100

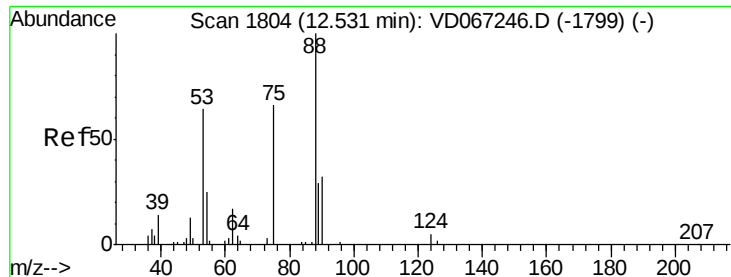
120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067486.D (-1870) (-)

Ion 120.00 (119.70 to 120.70): VD067486.D (-1870) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.772 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

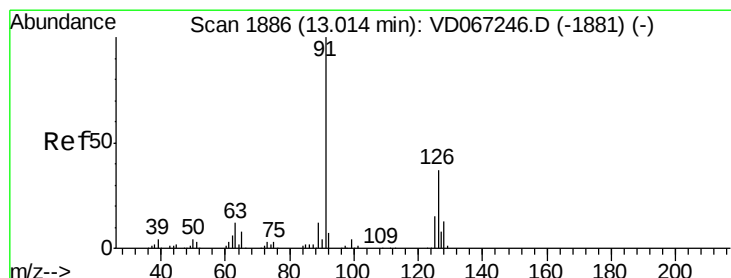
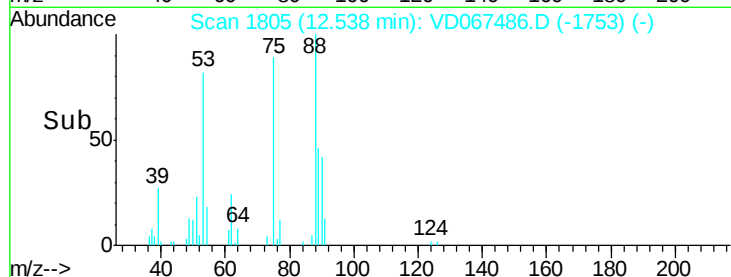
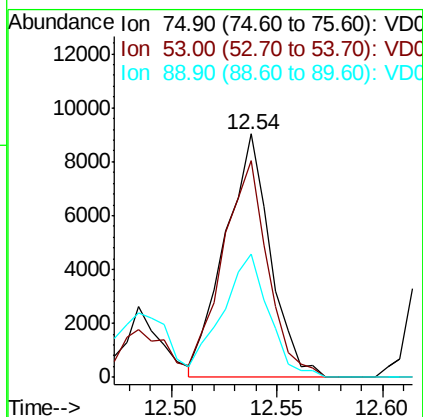
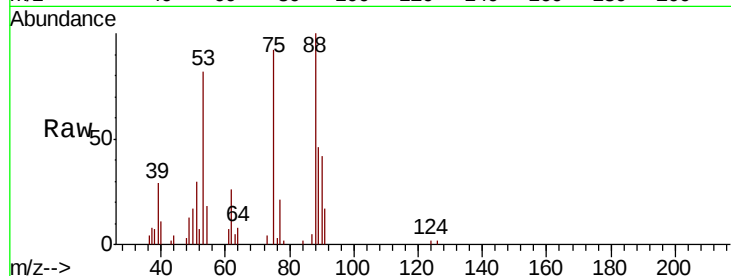
Tot Ion: 75 Resp: 13437

Ion Ratio Lower Upper

75 100

53 88.9 78.5 117.7

89 51.9 39.9 59.9



#82

4-Chlorotoluene

Concen: 21.927 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD067486.D

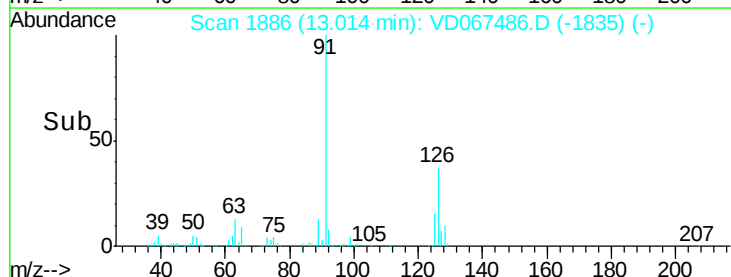
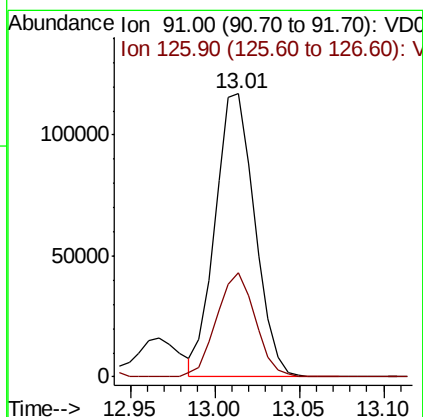
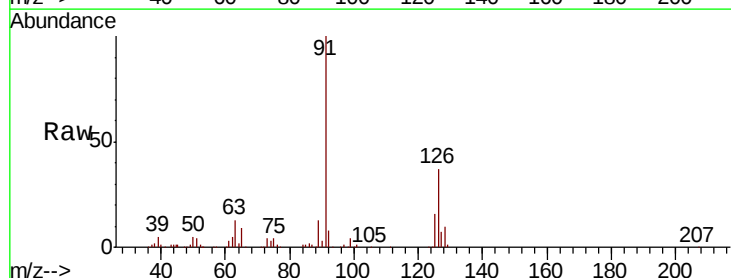
Acq: 02 Nov 2020 12:48

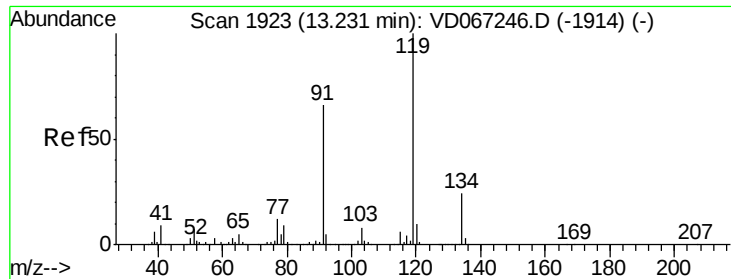
Tgt Ion: 91 Resp: 191599

Ion Ratio Lower Upper

91 100

126 36.2 17.8 53.5

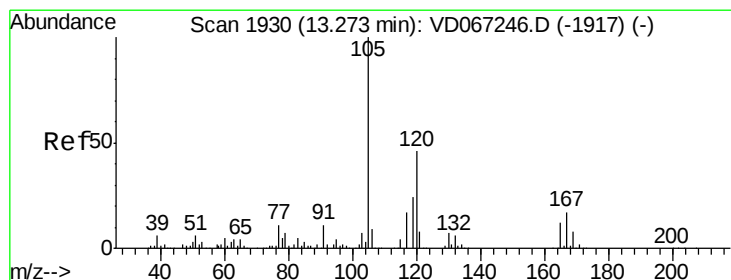
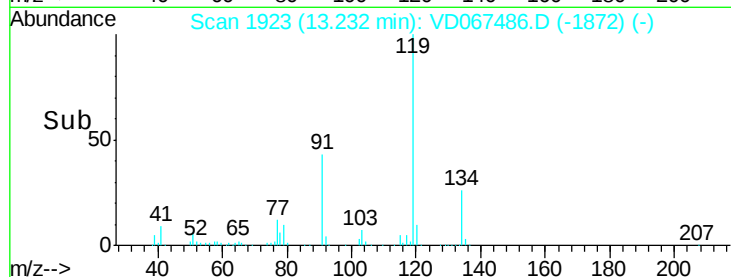
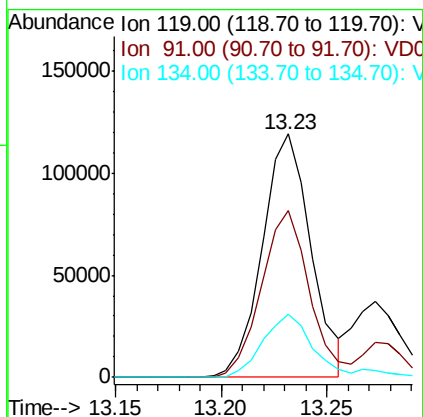
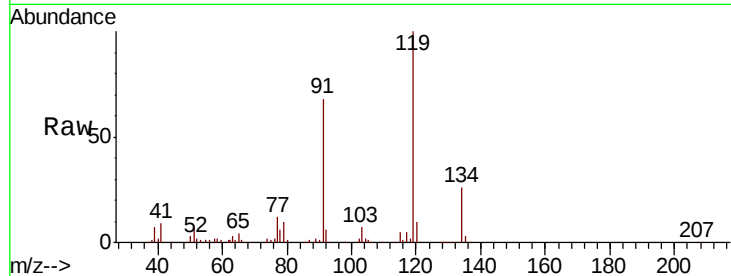




#83
tert-Butylbenzene
Concen: 21.298 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

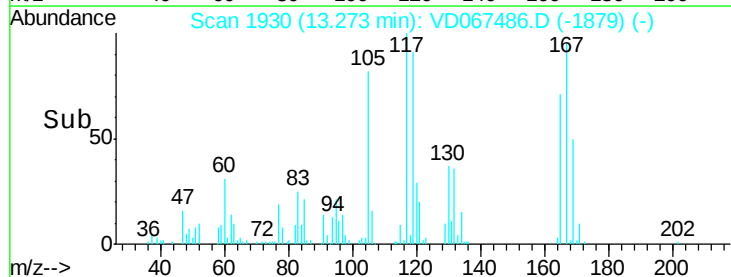
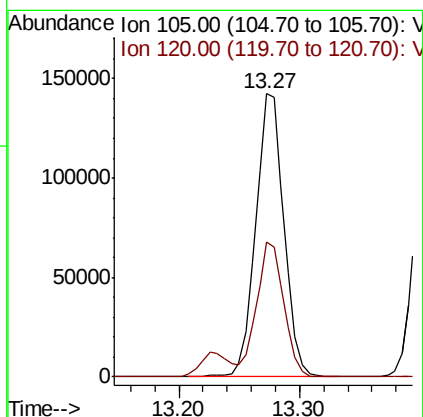
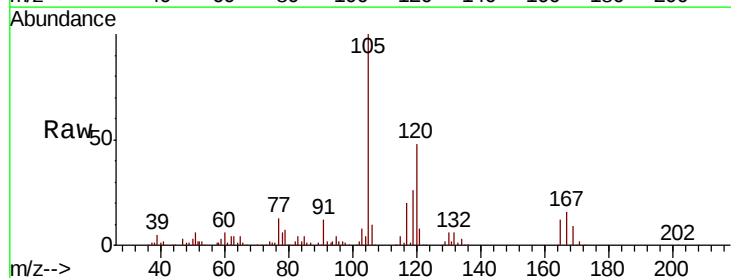
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

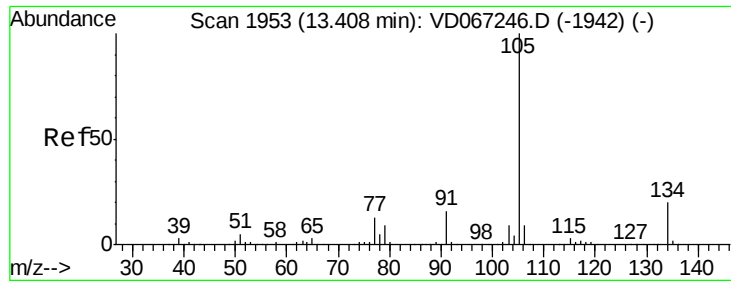
Tot Ion:119 Resp: 191562
Ion Ratio Lower Upper
119 100
91 68.0 33.1 99.2
134 26.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.983 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion:105 Resp: 231343
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.3

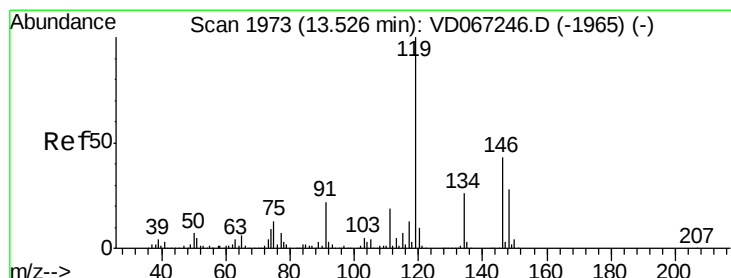
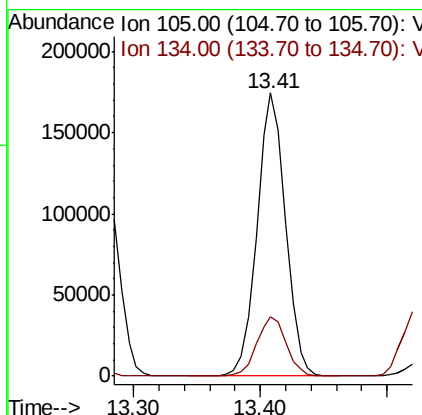
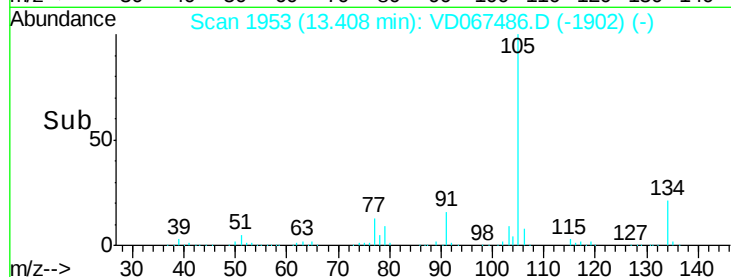
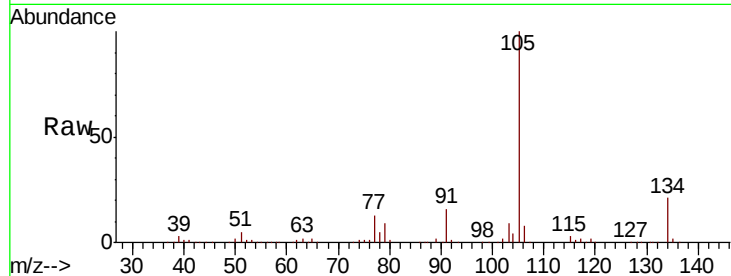




#85
 sec-Butylbenzene
 Concen: 22.021 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

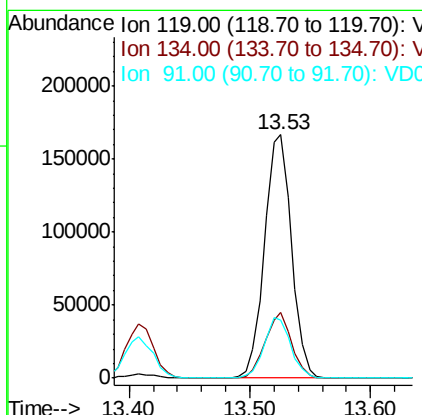
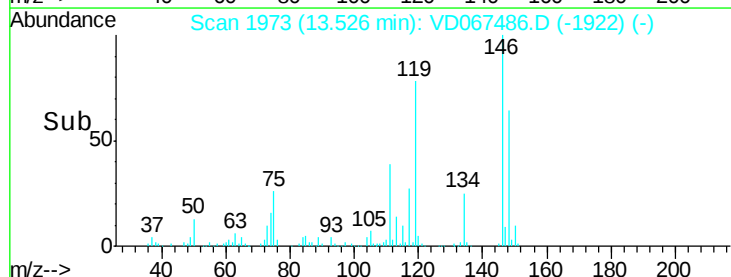
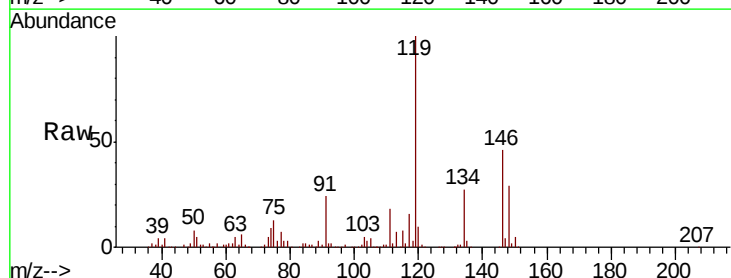
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

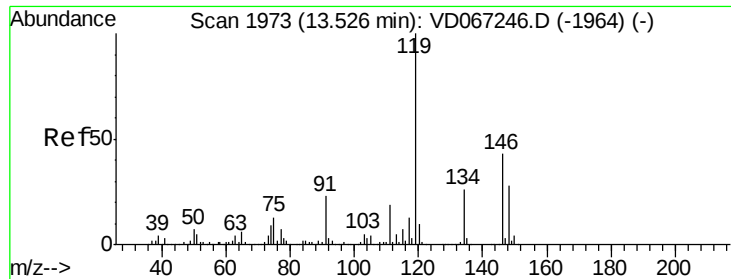
Tot Ion:105 Resp: 271766
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 22.289 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion:119 Resp: 259635
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 24.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 21.526 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBSD01

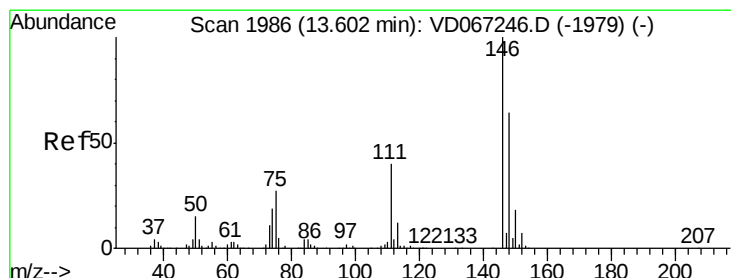
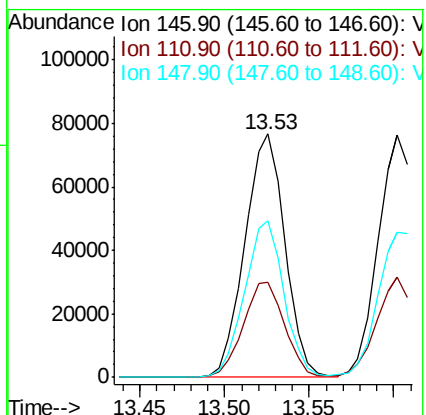
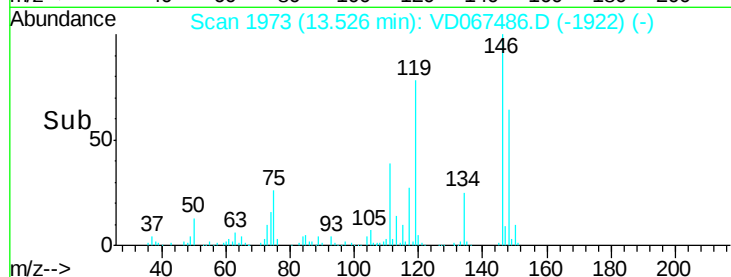
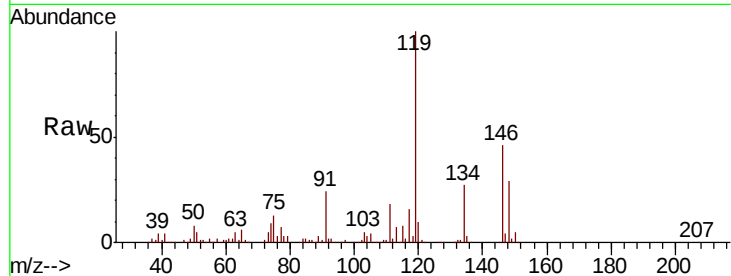
Tot Ion:146 Resp: 126566

Ion Ratio Lower Upper

146 100

111 40.5 21.1 63.3

148 63.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.773 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

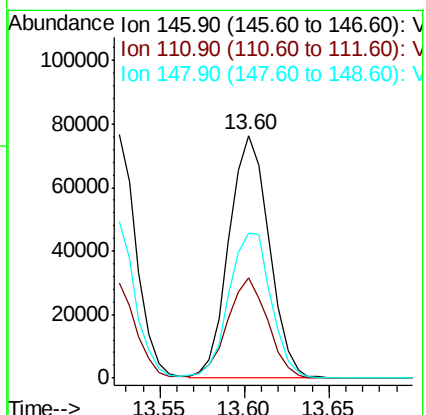
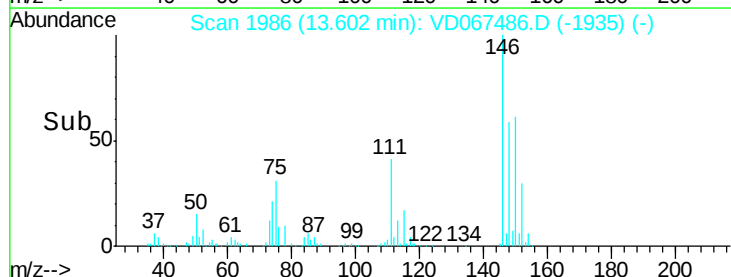
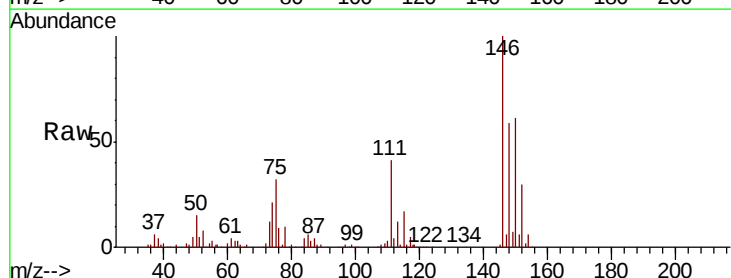
Tgt Ion:146 Resp: 126836

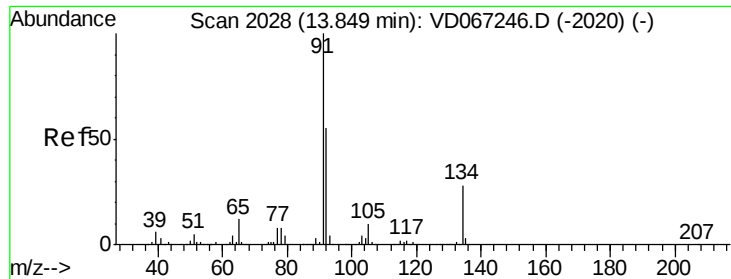
Ion Ratio Lower Upper

146 100

111 41.4 19.9 59.7

148 62.8 31.9 95.9

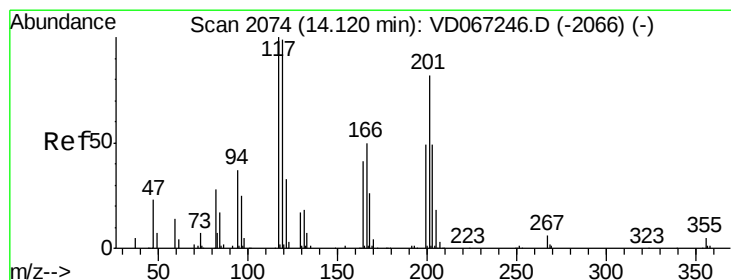
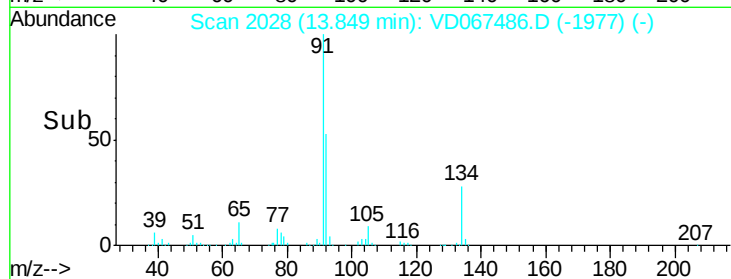
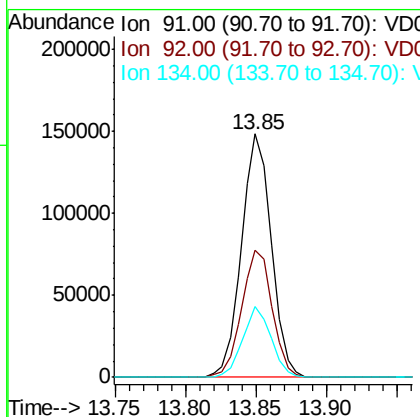
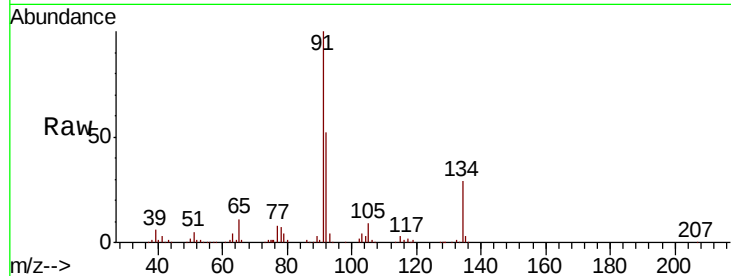




#89
n-Butylbenzene
Concen: 21.401 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

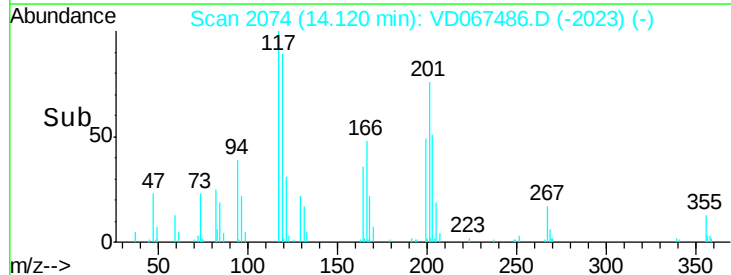
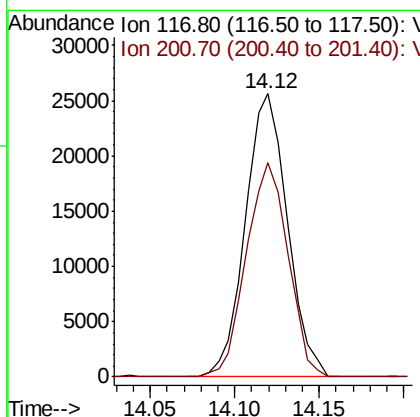
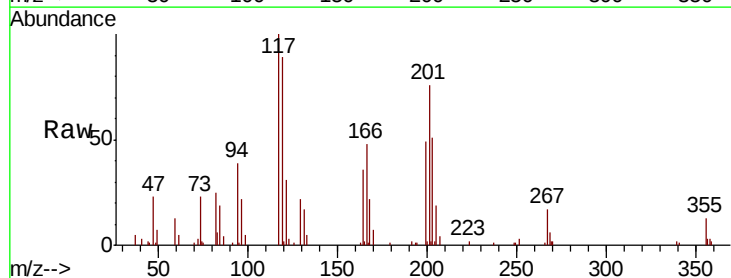
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBSD01

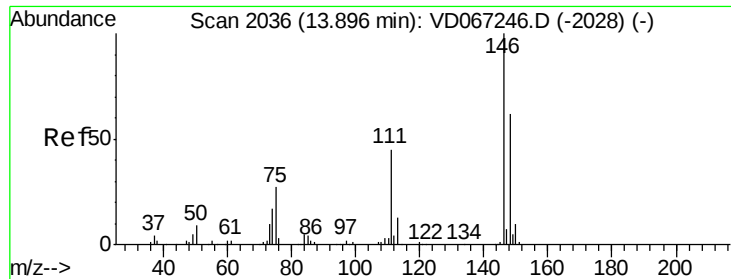
Tot Ion: 91 Resp: 219312
Ion Ratio Lower Upper
91 100
92 53.6 26.7 80.0
134 27.9 14.2 42.6



#90
Hexachloroethane
Concen: 21.864 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067486.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 117 Resp: 44445
Ion Ratio Lower Upper
117 100
201 75.1 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 22.238 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

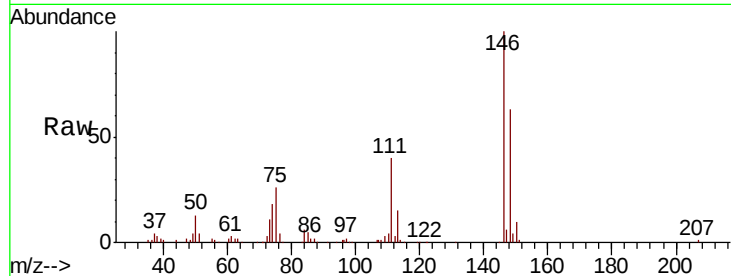
Tot Ion:146 Resp: 114224

Ion Ratio Lower Upper

146 100

111 39.7 22.0 66.0

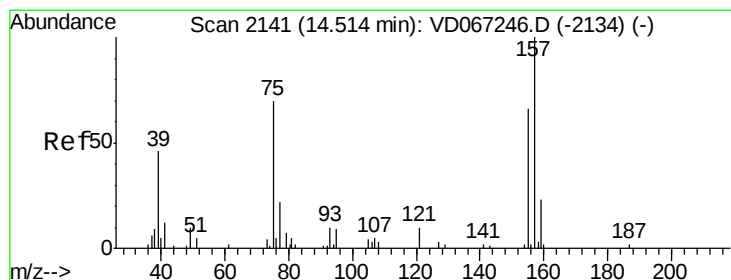
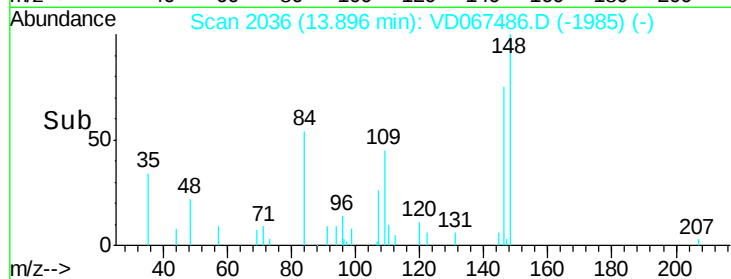
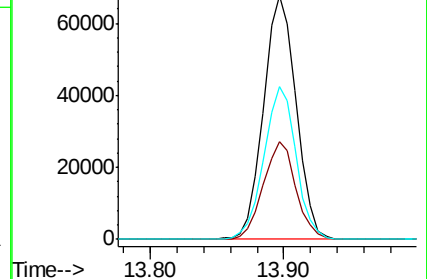
148 61.8 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.395 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

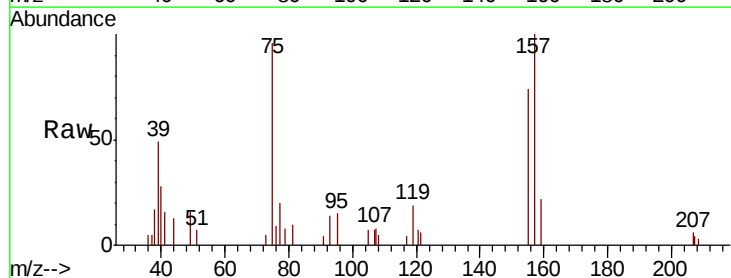
Tgt Ion: 75 Resp: 6274

Ion Ratio Lower Upper

75 100

155 93.6 44.8 134.4

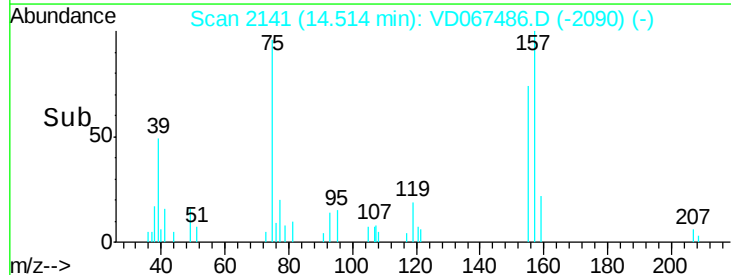
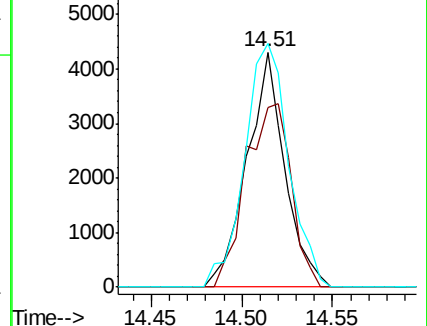
157 120.5 62.5 187.4

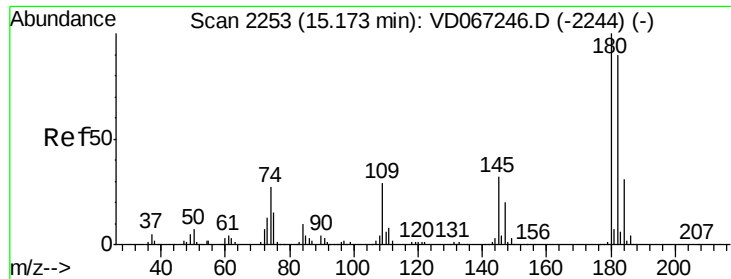


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

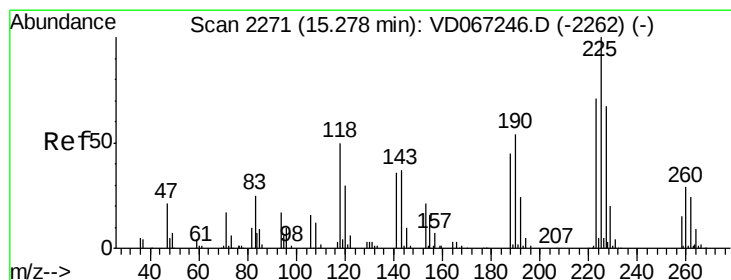
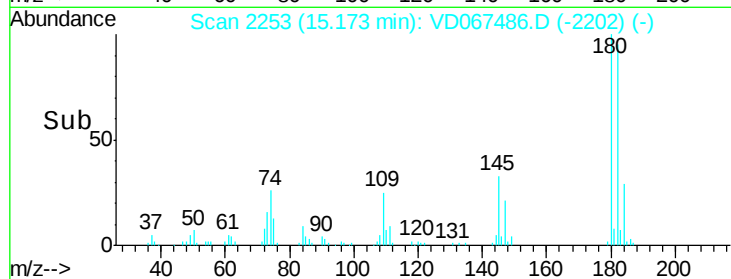
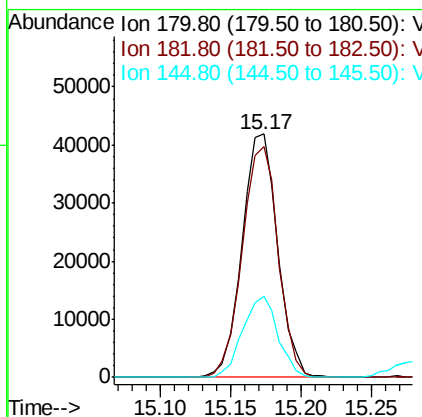
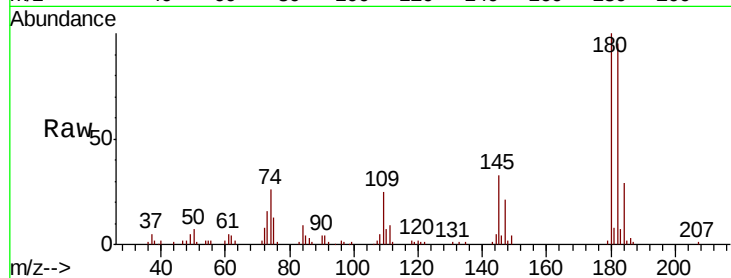




#93
 1,2,4-Trichlorobenzene
 Concen: 21.393 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

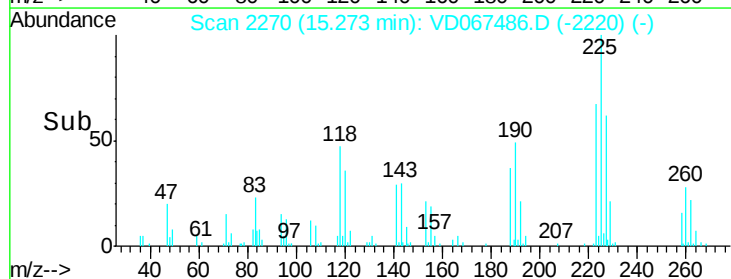
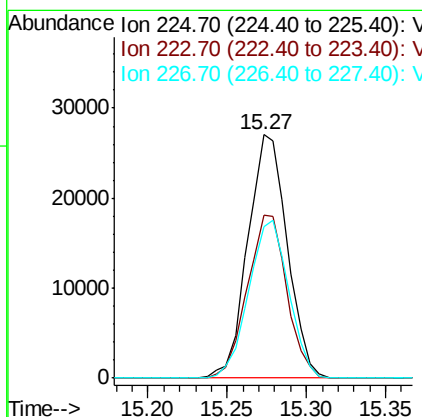
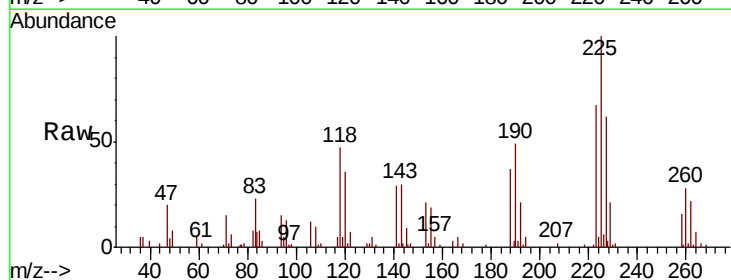
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBSD01

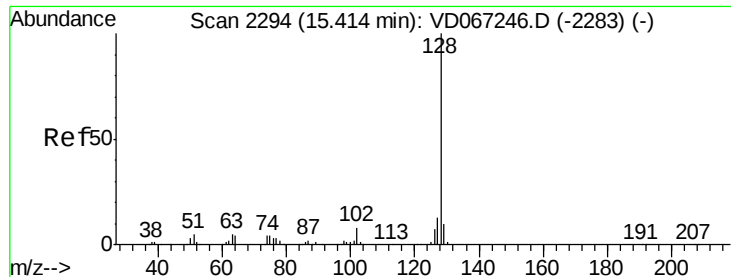
Tot Ion:180 Resp: 74086
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.1 144.4
 145 32.8 16.3 48.9



#94
 Hexachlorobutadiene
 Concen: 21.784 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067486.D
 Acq: 02 Nov 2020 12:48

Tgt Ion:225 Resp: 46848
 Ion Ratio Lower Upper
 225 100
 223 67.0 31.9 95.7
 227 65.6 31.2 93.6





#95

Naphthalene

Concen: 20.056 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

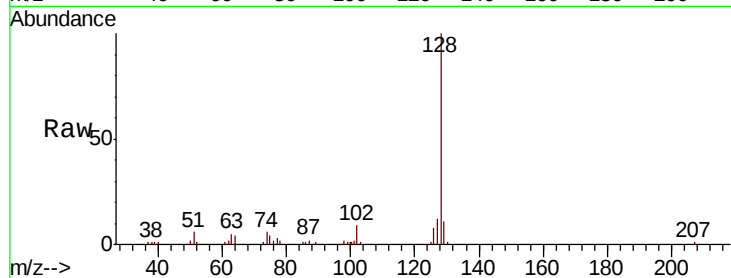
Tot Ion:128 Resp: 114039

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

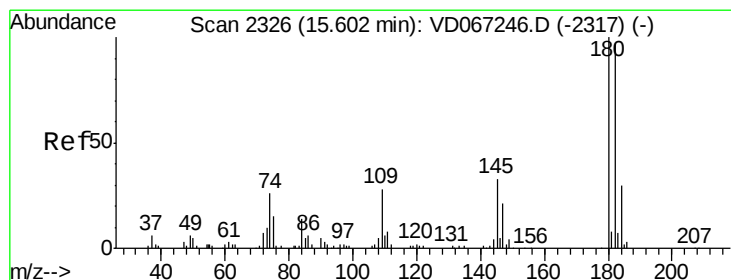
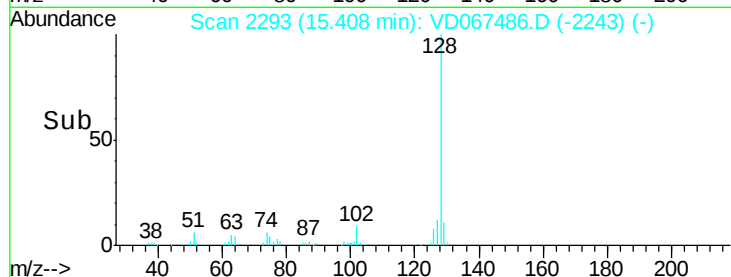
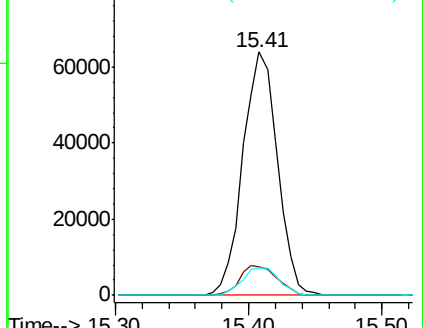
129 12.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.947 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD067486.D

Acq: 02 Nov 2020 12:48

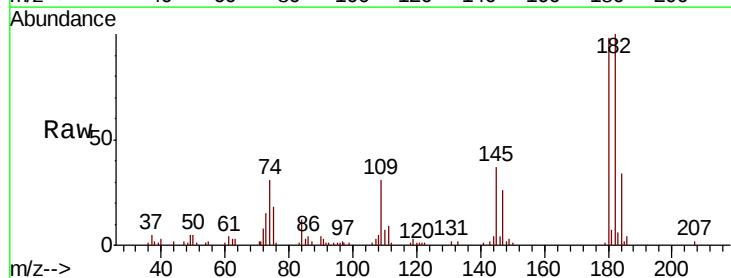
Tgt Ion:180 Resp: 62670

Ion Ratio Lower Upper

180 100

182 98.1 48.1 144.3

145 34.6 17.3 51.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

