

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067571.D
 Acq On : 09 Nov 2020 17:39
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:20:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	301765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	443133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	404989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	207106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	128872	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	7.92	113	127799	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.34	98	451965	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.64	95	162489	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	116110	47.287	ug/l	99
3) Chloromethane	2.21	50	79830	42.482	ug/l	99
4) Vinyl Chloride	2.35	62	88662	42.319	ug/l	98
5) Bromomethane	2.77	94	74605	43.934	ug/l	90
6) Chloroethane	2.92	64	56114	43.443	ug/l	93
7) Trichlorofluoromethane	3.27	101	254841	46.978	ug/l	97
8) Diethyl Ether	3.71	74	56852	52.012	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	130536	47.672	ug/l	99
10) Methyl Iodide	4.30	142	139705	47.603	ug/l	99
11) Tert butyl alcohol	5.23	59	33406	297.637	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	121194	48.118	ug/l	97
13) Acrolein	3.92	56	41851	345.174	ug/l	94
14) Allyl chloride	4.71	41	131487	48.778	ug/l	98
15) Acrylonitrile	5.42	53	105973	262.272	ug/l	99
16) Acetone	4.16	43	100600	254.779	ug/l	100
17) Carbon Disulfide	4.41	76	352360	45.655	ug/l	100
18) Methyl Acetate	4.71	43	46390	56.854	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	270354	54.418	ug/l	95
20) Methylene Chloride	4.97	84	141640	50.782	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	138329	47.153	ug/l	94
22) Diisopropyl ether	6.37	45	276568	52.649	ug/l	97
23) Vinyl Acetate	6.31	43	736274	267.766	ug/l	99
24) 1,1-Dichloroethane	6.27	63	211661	49.253	ug/l	97
25) 2-Butanone	7.21	43	112579	266.832	ug/l	91
26) 2,2-Dichloropropane	7.21	77	221180	48.766	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	151657	49.806	ug/l	96
28) Bromochloromethane	7.55	49	79918	52.281	ug/l	96
29) Tetrahydrofuran	7.56	42	69939	276.739	ug/l	98
30) Chloroform	7.71	83	264308	51.554	ug/l	97
31) Cyclohexane	7.99	56	167848	43.860	ug/l #	89
32) 1,1,1-Trichloroethane	7.91	97	255322	48.267	ug/l	99
36) 1,1-Dichloropropene	8.11	75	187431	49.413	ug/l	98
37) Ethyl Acetate	7.29	43	51243	52.035	ug/l	98
38) Carbon Tetrachloride	8.10	117	249066	50.538	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	223121	49.977	ug/l	94
40) Benzene	8.36	78	515285	50.151	ug/l	99
41) Methacrylonitrile	7.53	41	30170	51.254	ug/l #	74
42) 1,2-Dichloroethane	8.43	62	167151	52.653	ug/l	99
43) Isopropyl Acetate	8.46	43	106896	54.887	ug/l	99
44) Trichloroethene	9.12	130	166932	49.411	ug/l	86
45) 1,2-Dichloropropane	9.39	63	112725	50.744	ug/l	96
46) Dibromomethane	9.48	93	74394	52.669	ug/l	97
47) Bromodichloromethane	9.67	83	200757	52.293	ug/l	96
48) Methyl methacrylate	9.46	41	50382	50.103	ug/l #	81
49) 1,4-Dioxane	9.47	88	15831	1104.052	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	260145	279.296	ug/l	99
52) Toluene	10.41	92	361684	52.555	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	176347	53.633	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	203329	52.048	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	100769	53.920	ug/l	94
56) Ethyl methacrylate	10.67	69	104466	54.130	ug/l	100
57) 1,3-Dichloropropane	10.95	76	158561	52.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	251288	279.215	ug/l	100
59) 2-Hexanone	10.99	43	188034	288.724	ug/l	99
60) Dibromochloromethane	11.14	129	148027	53.544	ug/l	99
61) 1,2-Dibromoethane	11.25	107	99077	52.822	ug/l	97
64) Tetrachloroethene	10.88	164	151845	50.626	ug/l	96
65) Chlorobenzene	11.67	112	394841	50.613	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	161959	52.675	ug/l	100
67) Ethyl Benzene	11.75	91	699002	52.362	ug/l	98
68) m/p-Xylenes	11.86	106	546783	105.282	ug/l	98
69) o-Xylene	12.18	106	245716	52.992	ug/l	99
70) Styrene	12.20	104	428696	53.057	ug/l	99
71) Bromoform	12.37	173	87109	55.550	ug/l #	99
73) Isopropylbenzene	12.48	105	694896	51.916	ug/l	99
74) N-amyl acetate	12.29	43	96520	54.802	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	97153	53.229	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	134752	107.855	ug/l #	100
77) Bromobenzene	12.77	156	174312	53.028	ug/l	96
78) n-propylbenzene	12.83	91	787642	51.446	ug/l	100
79) 2-Chlorotoluene	12.91	91	451692	51.938	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	602213	52.669	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	31388	51.006	ug/l	96
82) 4-Chlorotoluene	13.01	91	483204	51.805	ug/l	99
83) tert-Butylbenzene	13.23	119	498549	51.447	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	609353	53.539	ug/l	99
85) sec-Butylbenzene	13.40	105	678087	51.835	ug/l	100
86) p-Isopropyltoluene	13.52	119	650615	51.503	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	321383	51.238	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	315780	49.720	ug/l	98
89) n-Butylbenzene	13.85	91	572555	52.473	ug/l	99
90) Hexachloroethane	14.11	117	120430	50.624	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	281533	51.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18643	57.690	ug/l	96

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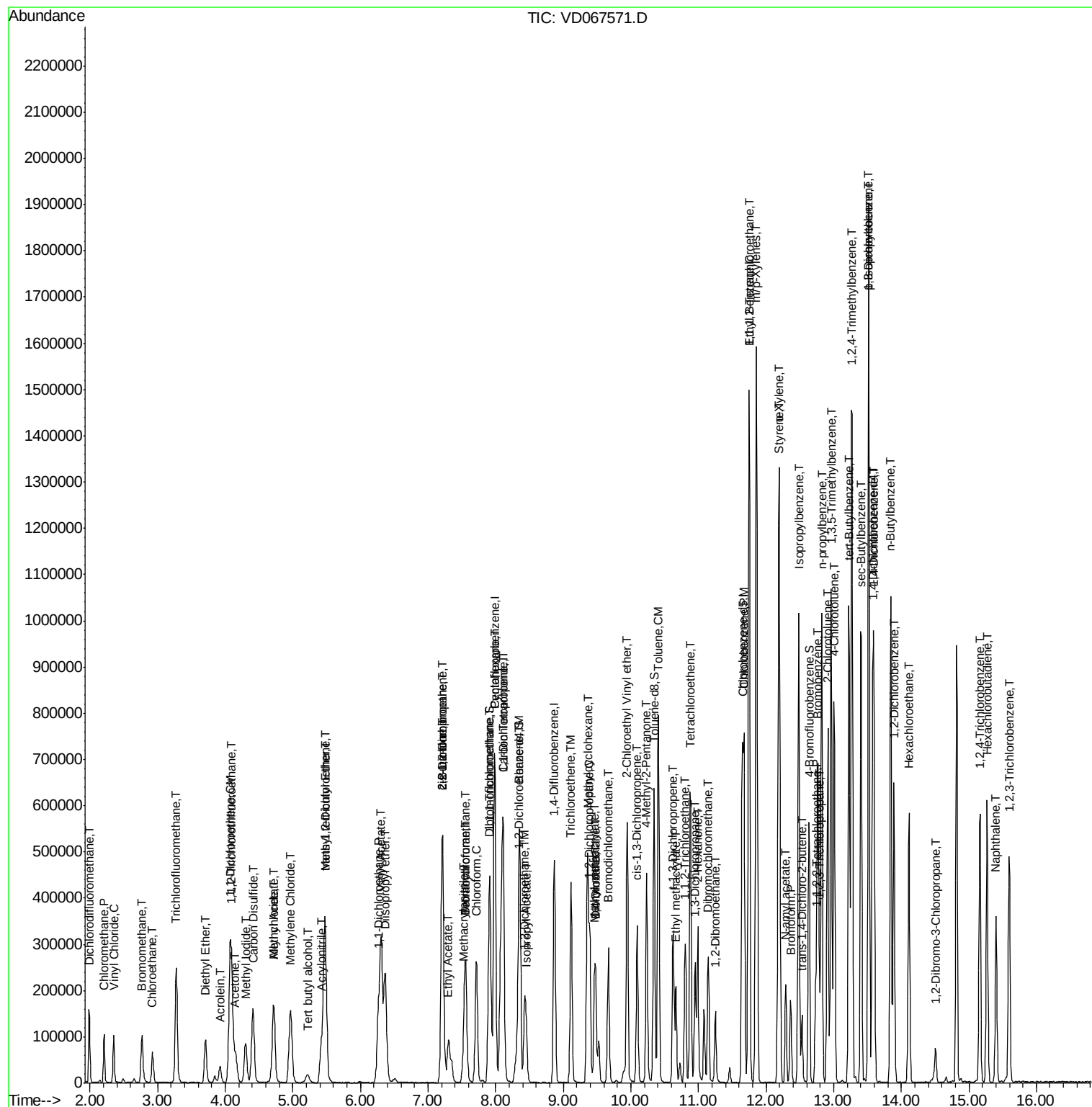
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	197725	53.665	ug/l	98
94) Hexachlorobutadiene	15.27	225	120029	48.676	ug/l	100
95) Naphthalene	15.40	128	328987	57.859	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	170759	54.121	ug/l	98

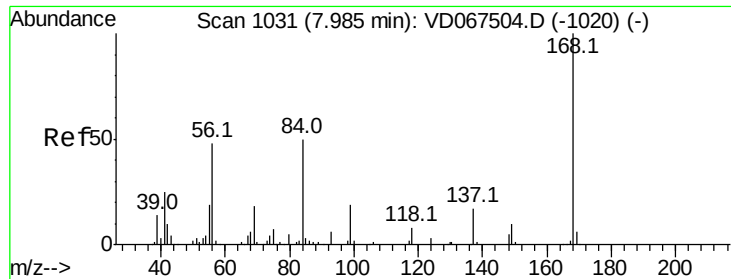
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 10 00:20:47 2020
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

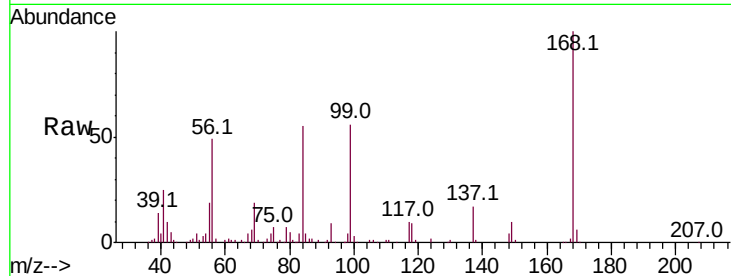
ClientSampleId :

Tot Ion:168 Resp: 301765

Ion Ratio Lower Upper

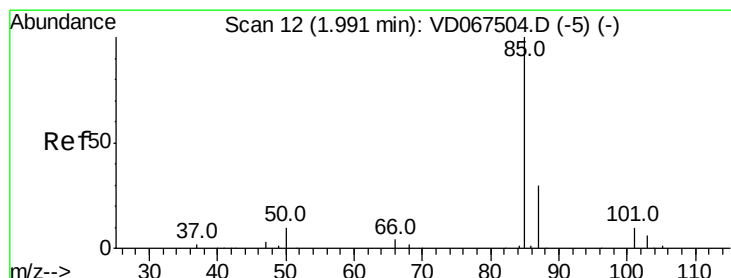
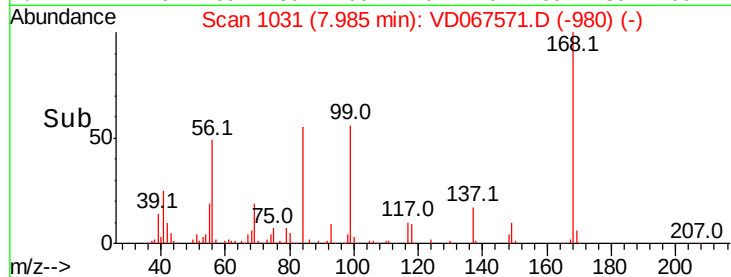
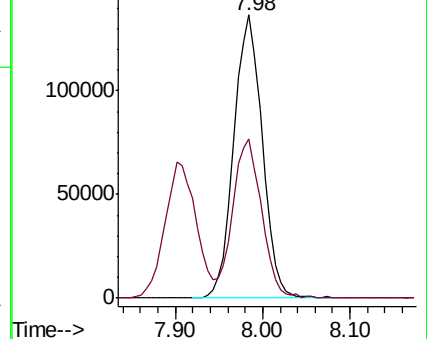
168 100

99 55.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.287 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067571.D

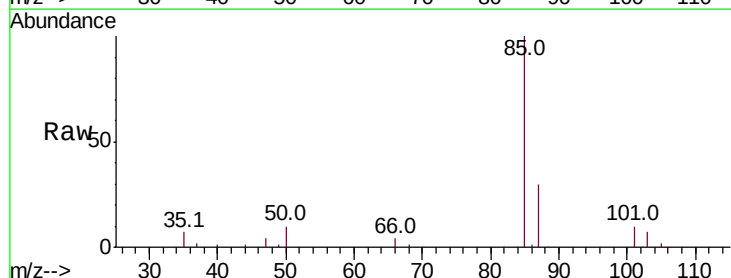
Acq: 09 Nov 2020 17:39

Tgt Ion: 85 Resp: 116110

Ion Ratio Lower Upper

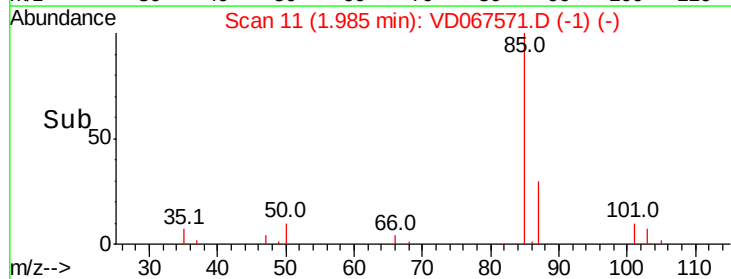
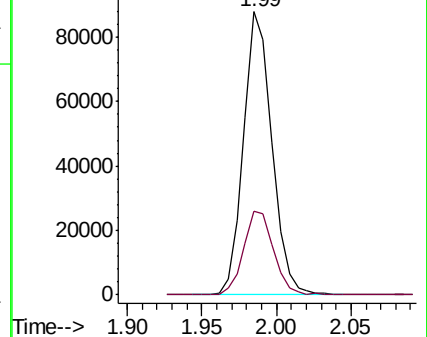
85 100

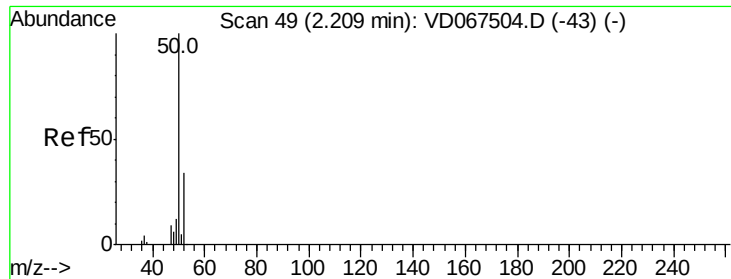
87 29.8 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.482 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

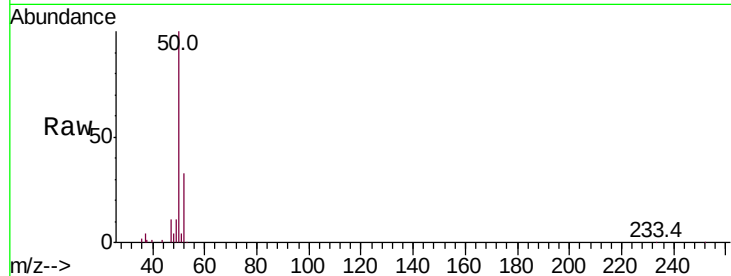
ClientSampleId :

Tot Ion: 50 Resp: 79830

Ion Ratio Lower Upper

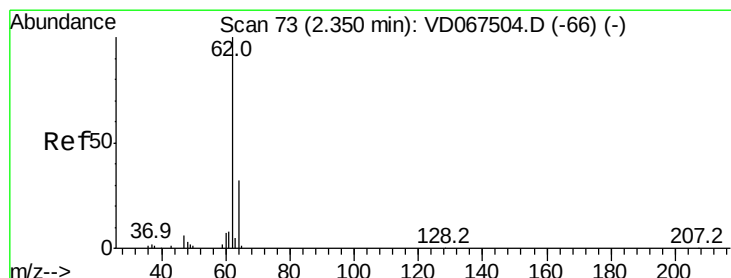
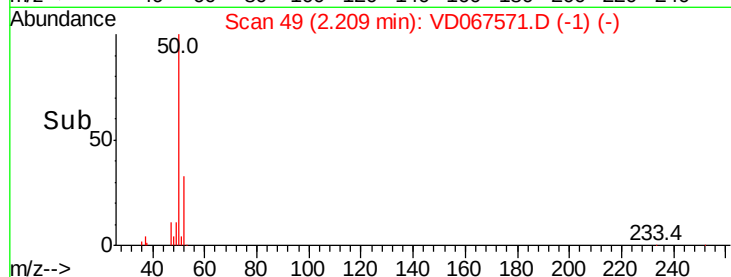
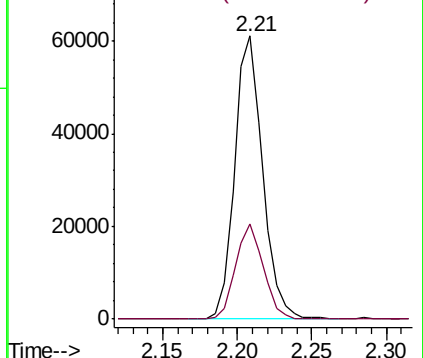
50 100

52 33.4 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 42.319 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067571.D

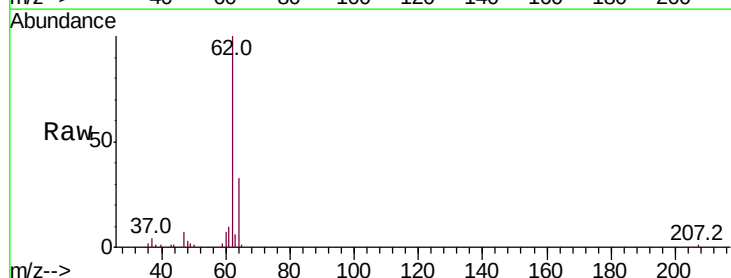
Acq: 09 Nov 2020 17:39

Tgt Ion: 62 Resp: 88662

Ion Ratio Lower Upper

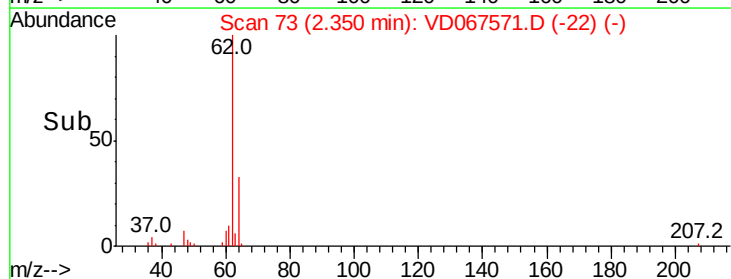
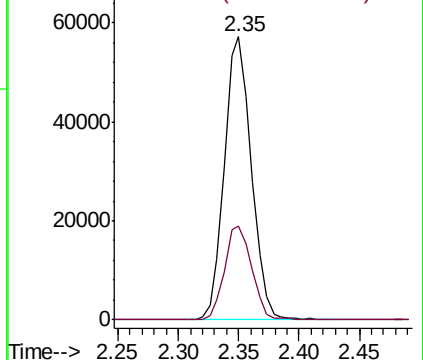
62 100

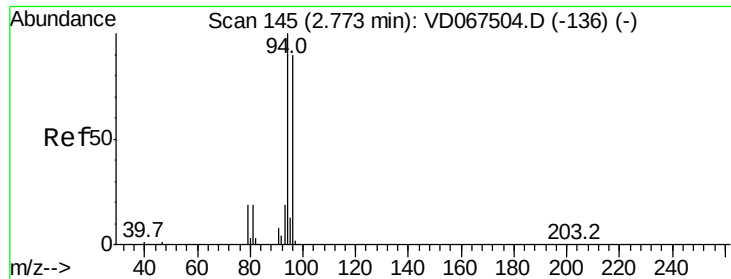
64 33.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 43.934 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

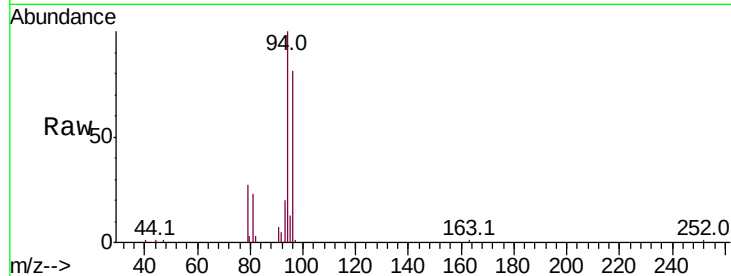
ClientSampleId :

Tot Ion: 94 Resp: 74605

Ion Ratio Lower Upper

94 100

96 81.2 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

30000

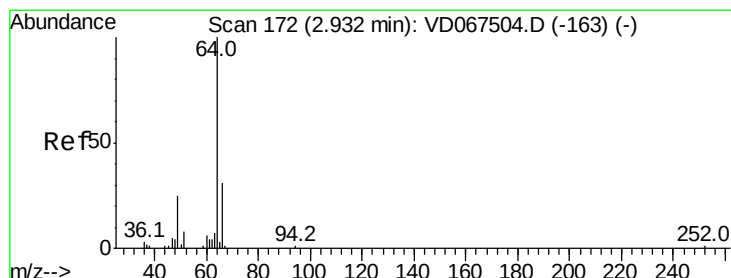
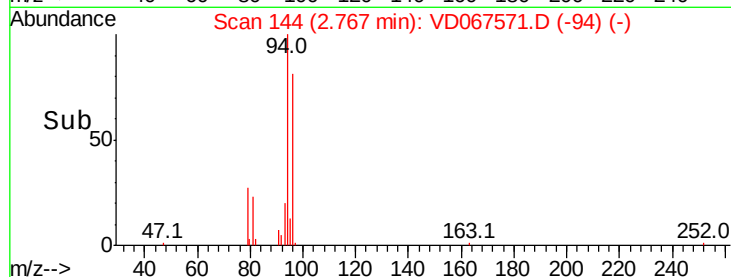
20000

10000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 43.443 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067571.D

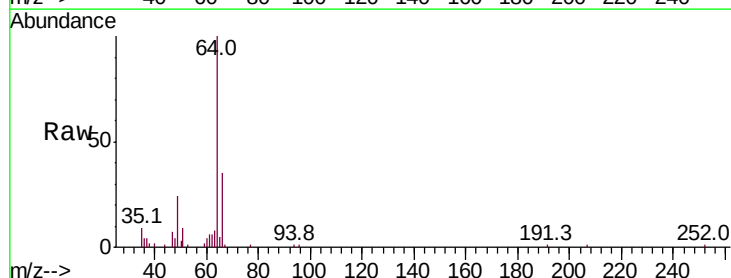
Acq: 09 Nov 2020 17:39

Tgt Ion: 64 Resp: 56114

Ion Ratio Lower Upper

64 100

66 34.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

25000

20000

15000

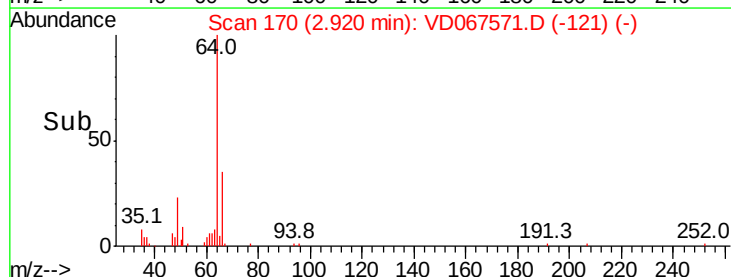
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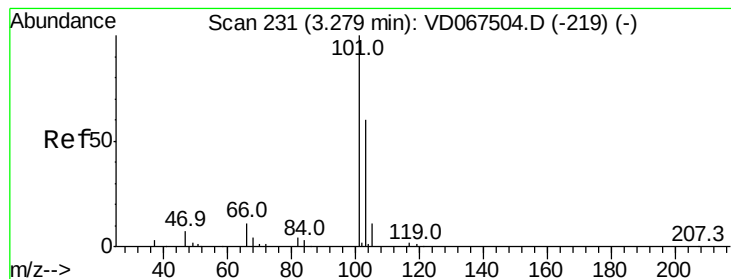
5000

0

Time-->

2.85 2.90 2.95 3.00



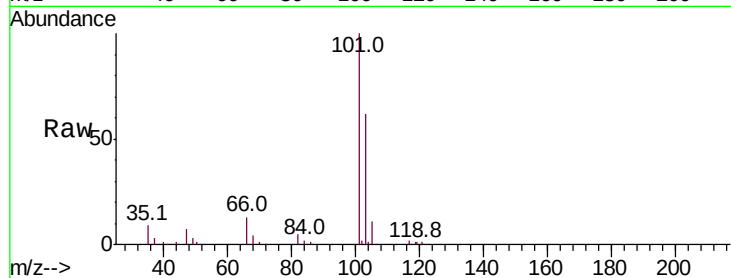


#7

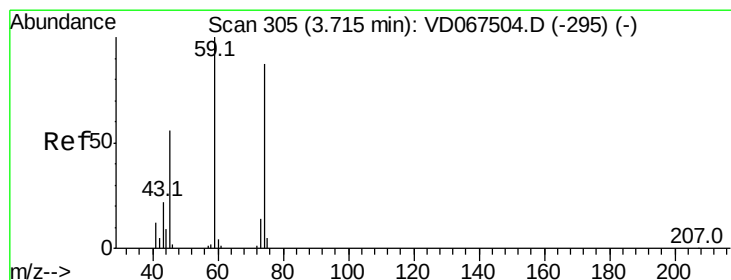
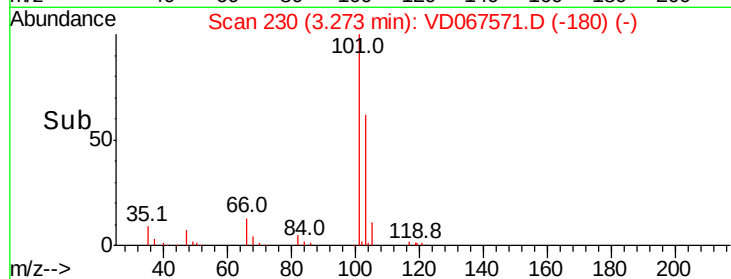
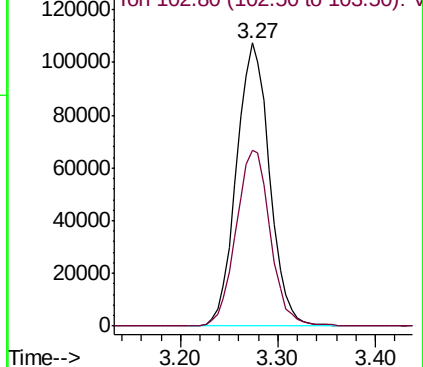
Trichlorofluoromethane
 Concen: 46.978 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 254841
 Ion Ratio Lower Upper
 101 100
 103 62.3 48.1 72.1



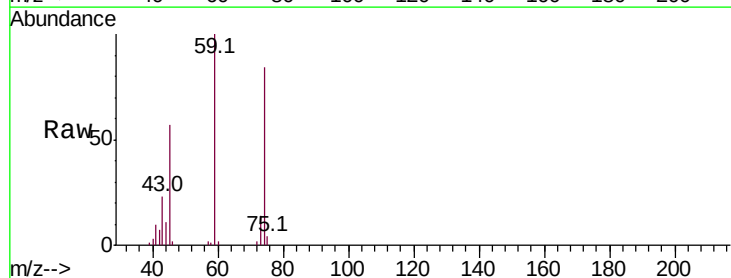
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



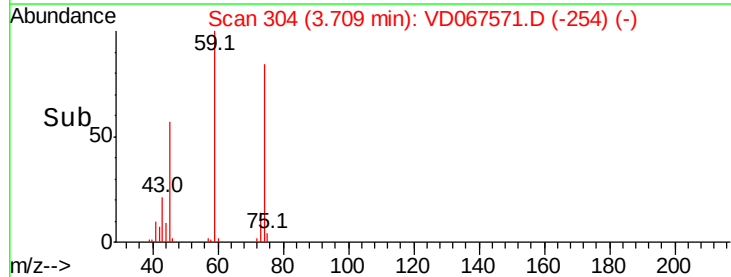
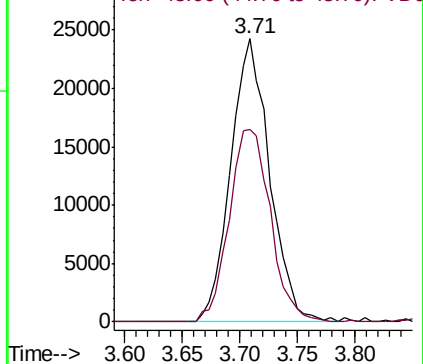
#8

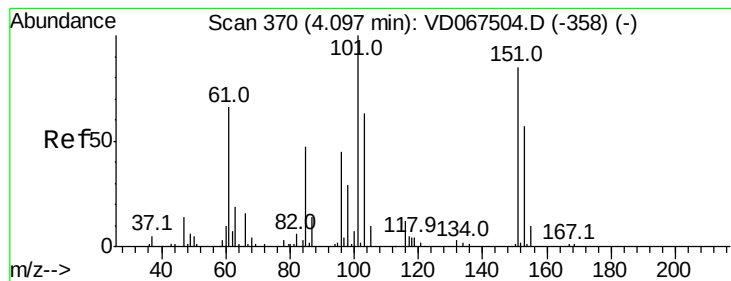
Diethyl Ether
 Concen: 52.012 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Tgt Ion: 74 Resp: 56852
 Ion Ratio Lower Upper
 74 100
 45 71.9 38.2 114.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.672 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampled :

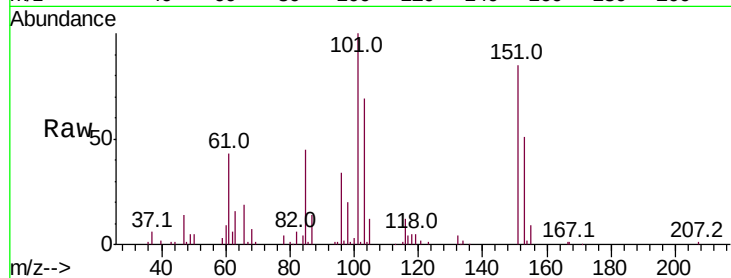
Tot Ion:101 Resp: 130536

Ion Ratio Lower Upper

101 100

85 43.5 34.4 51.6

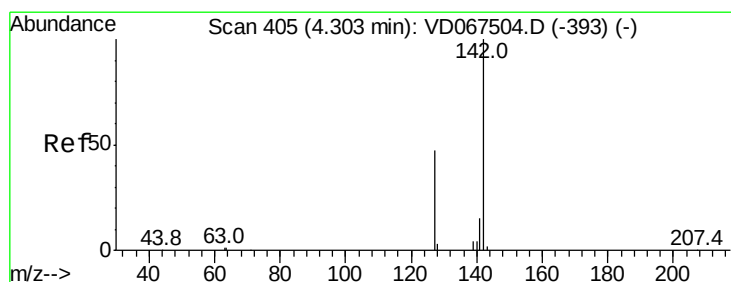
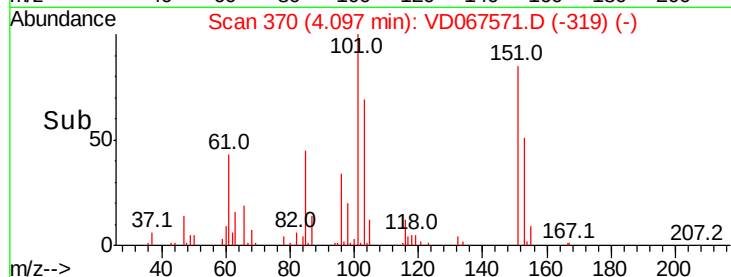
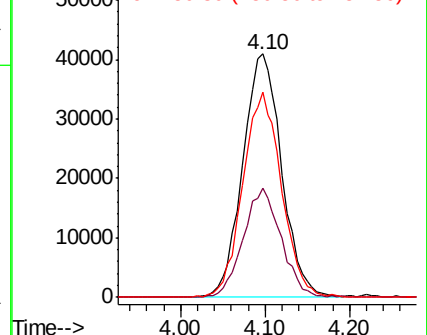
151 83.8 68.1 102.1



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: 47.603 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

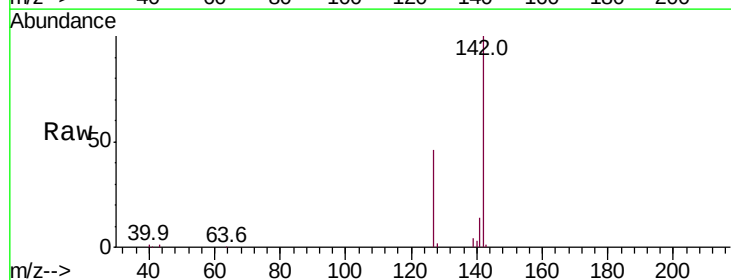
Tgt Ion:142 Resp: 139705

Ion Ratio Lower Upper

142 100

127 51.1 40.0 60.0

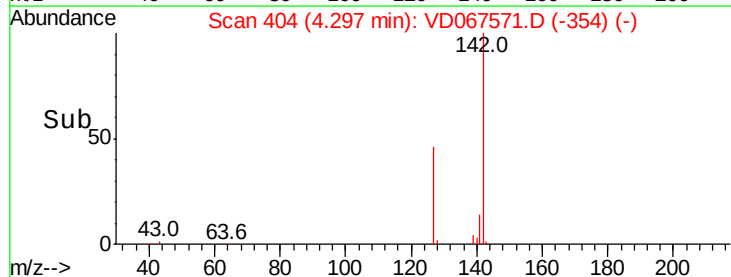
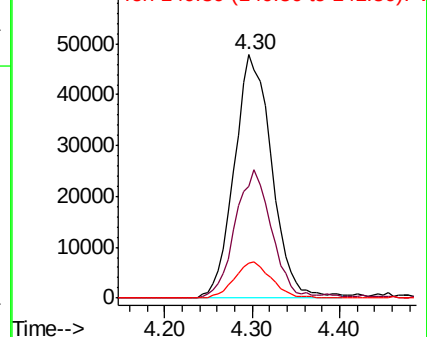
141 14.7 11.7 17.5

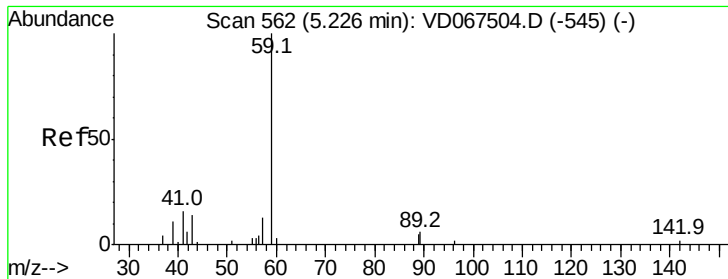


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



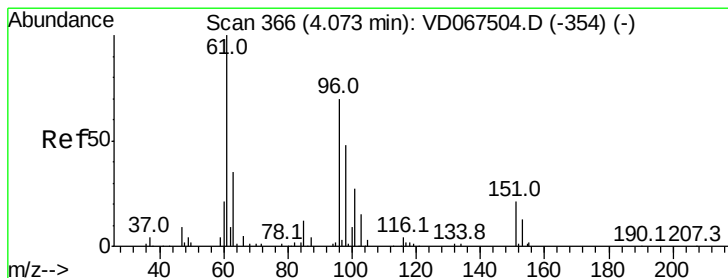
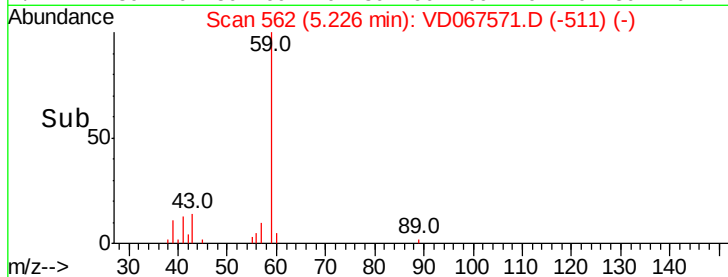
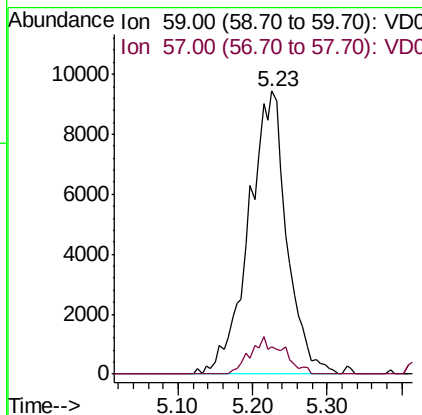
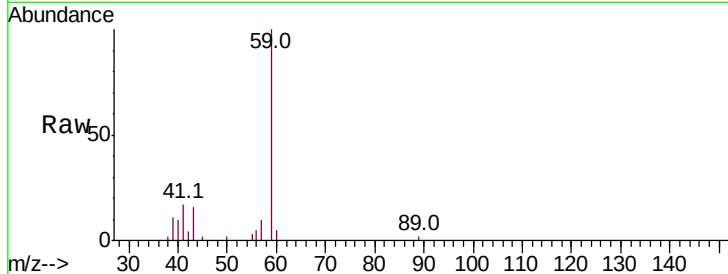


#11

Tert butyl alcohol
 Concen: 297.637 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Instrument :
 MSVOA_D
 ClientSampled :

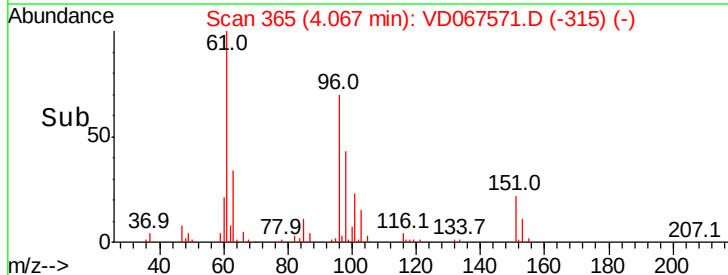
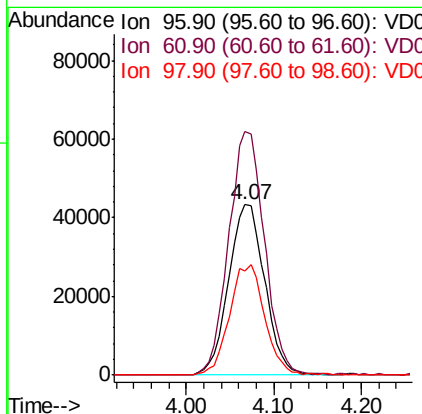
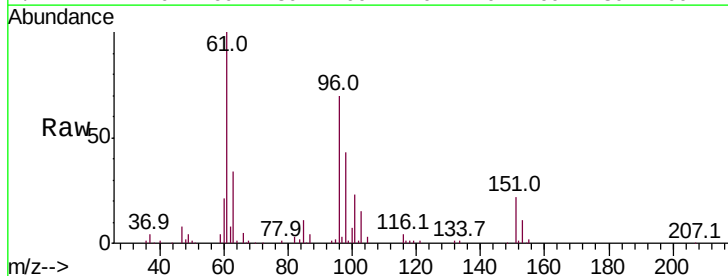
Tot Ion: 59 Resp: 33406
 Ion Ratio Lower Upper
 59 100
 57 11.4 5.9 8.9#

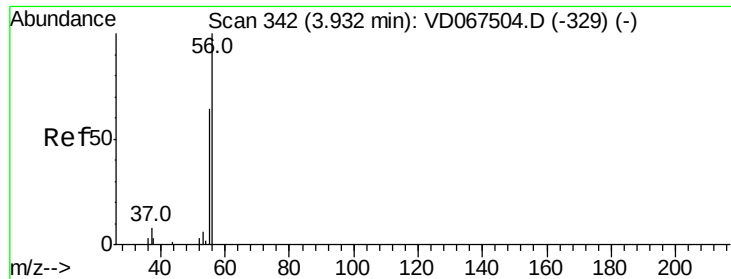


#12

1,1-Dichloroethene
 Concen: 48.118 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Tgt Ion: 96 Resp: 121194
 Ion Ratio Lower Upper
 96 100
 61 143.1 114.5 171.7
 98 61.1 54.5 81.7





#13

Acrolein

Concen: 345.174 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

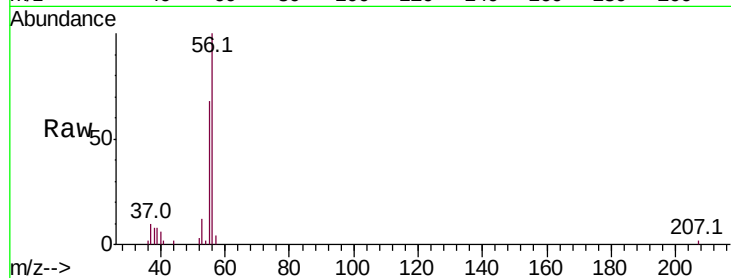
ClientSampleId :

Tot Ion: 56 Resp: 41851

Ion Ratio Lower Upper

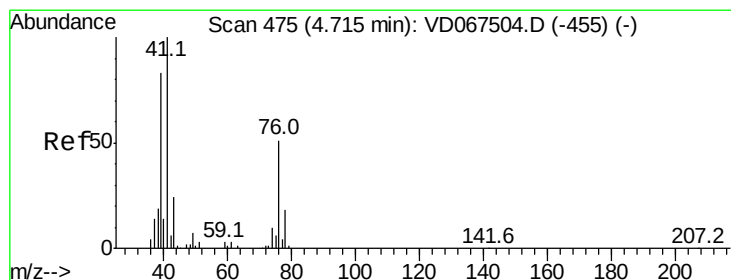
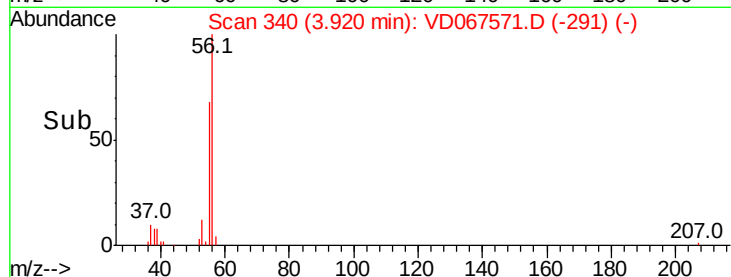
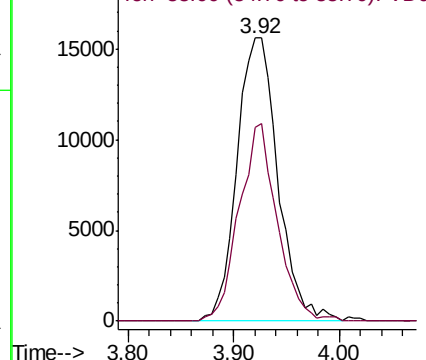
56 100

55 64.8 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 48.778 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

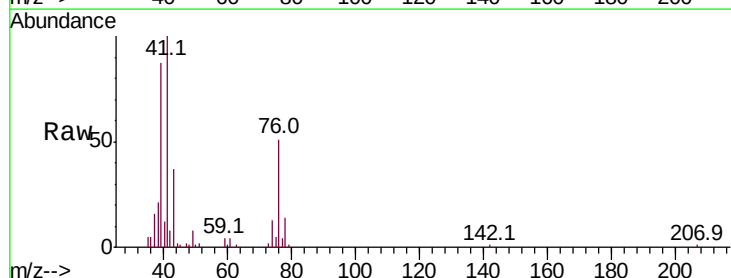
Tgt Ion: 41 Resp: 131487

Ion Ratio Lower Upper

41 100

39 86.6 67.4 101.0

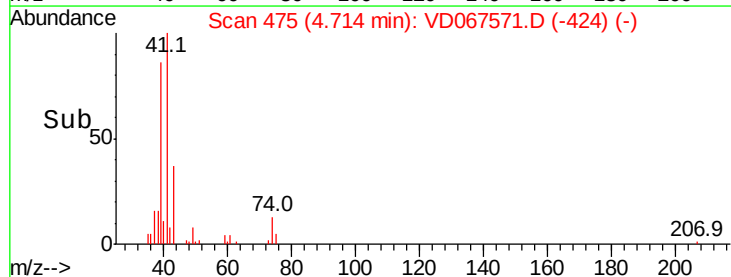
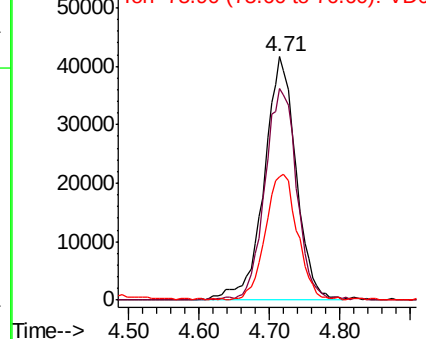
76 52.0 42.2 63.2

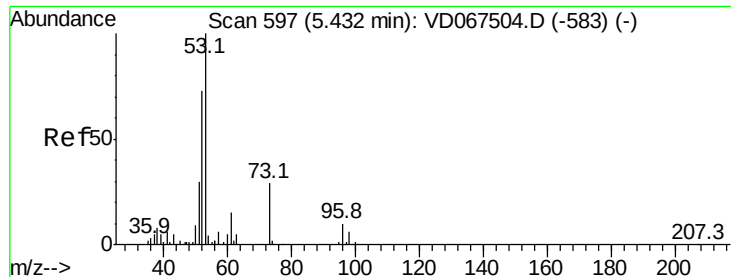


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 262.272 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampled :

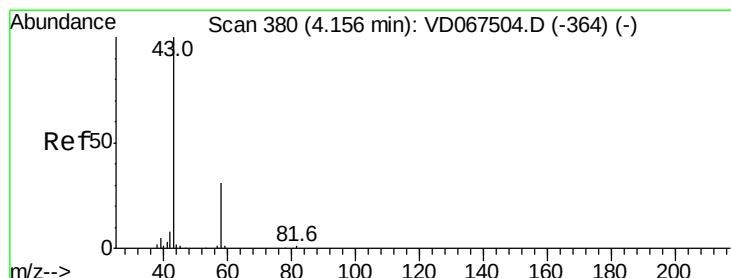
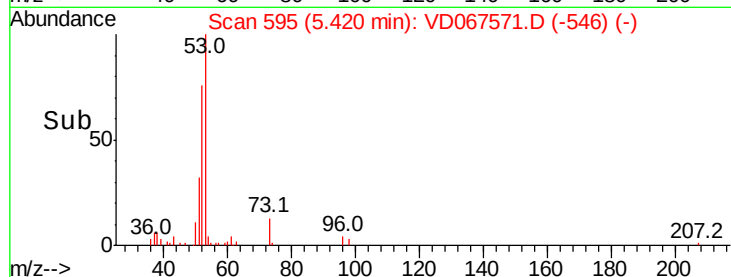
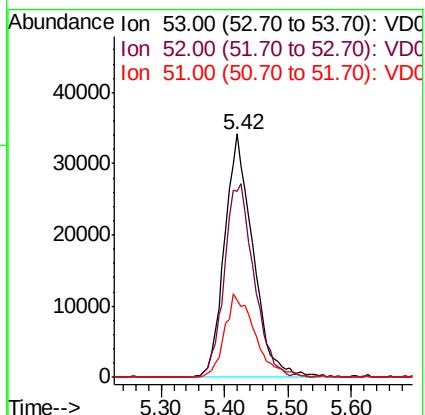
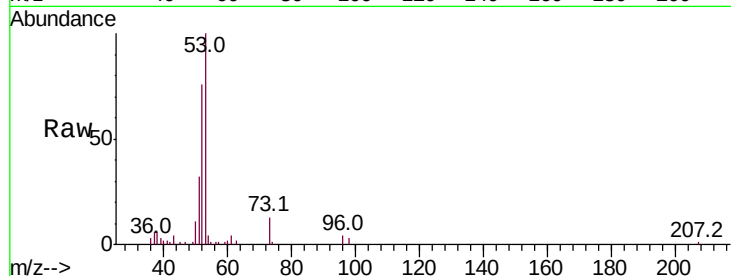
Tot Ion: 53 Resp: 105973

Ion Ratio Lower Upper

53 100

52 82.6 64.8 97.2

51 36.8 29.5 44.3



#16

Acetone

Concen: 254.779 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067571.D

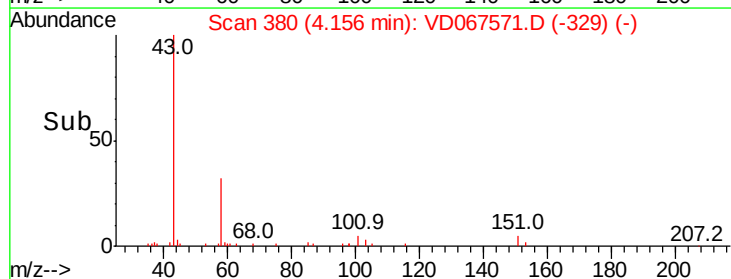
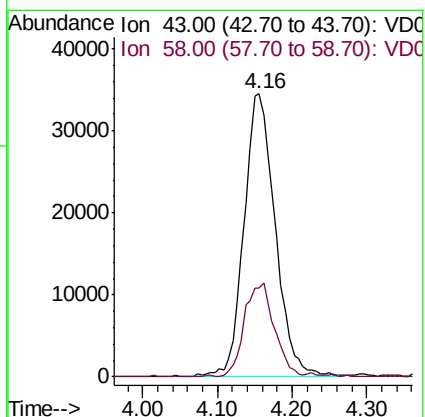
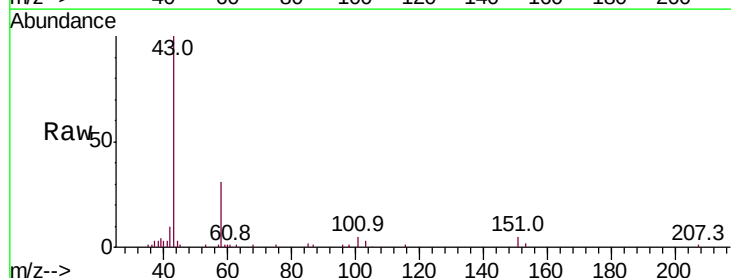
Acq: 09 Nov 2020 17:39

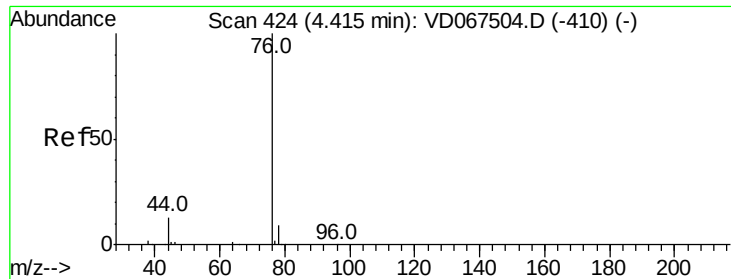
Tgt Ion: 43 Resp: 100600

Ion Ratio Lower Upper

43 100

58 31.3 25.2 37.8

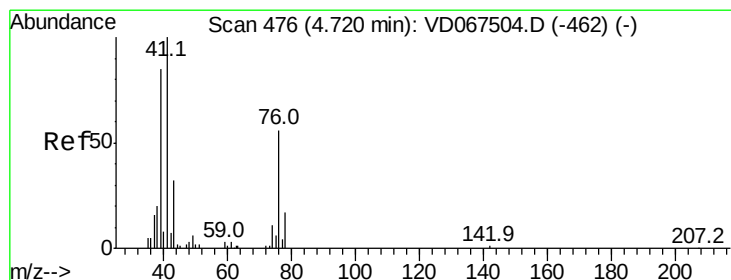
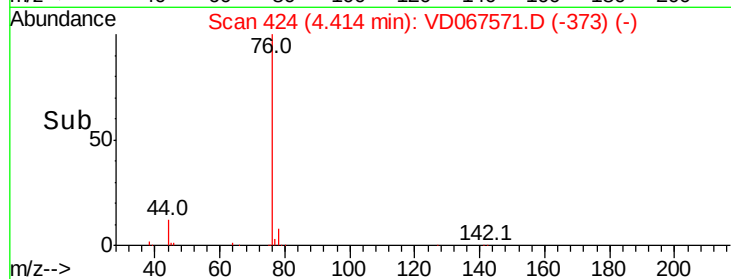
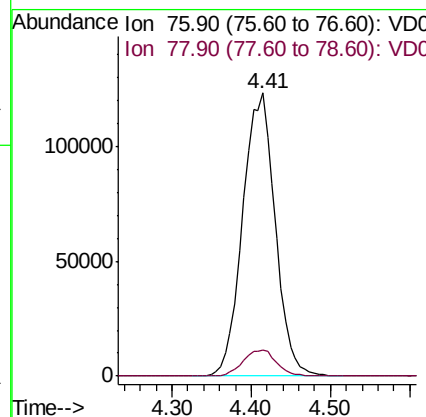
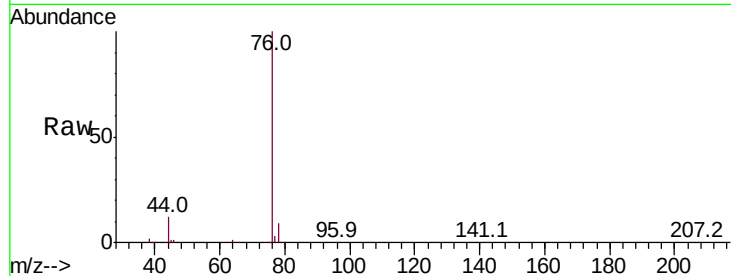




#17
Carbon Disulfide
Concen: 45.655 ug/l
RT: 4.41 min Scan# 424
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

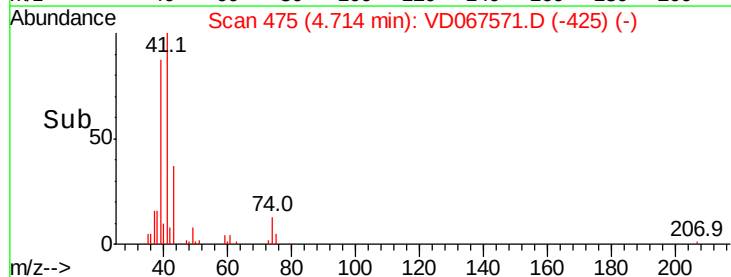
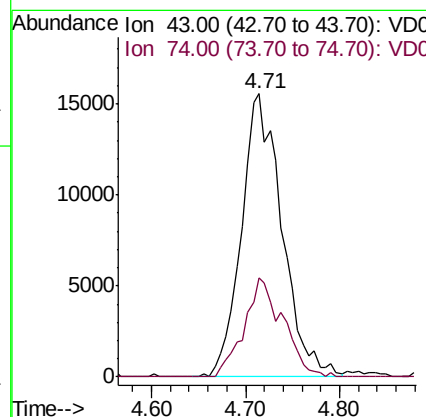
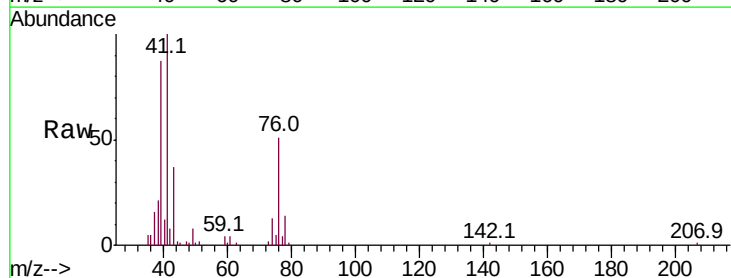
Instrument :
MSVOA_D
ClientSampled :

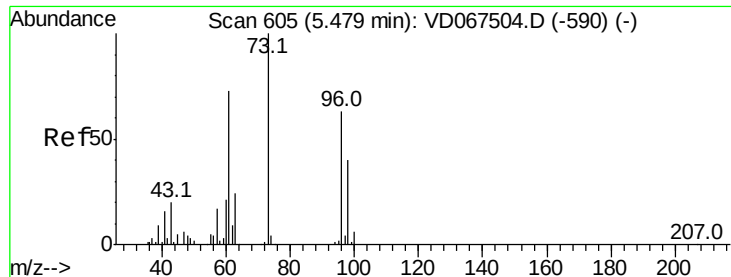
Tot Ion: 76 Resp: 352360
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 56.854 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion: 43 Resp: 46390
Ion Ratio Lower Upper
43 100
74 33.5 27.2 40.8

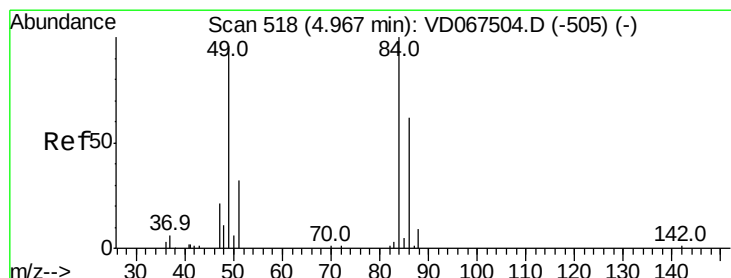
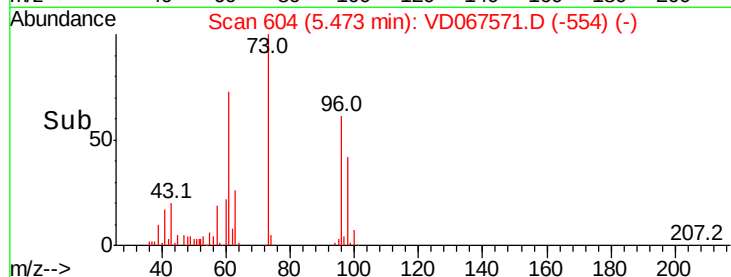
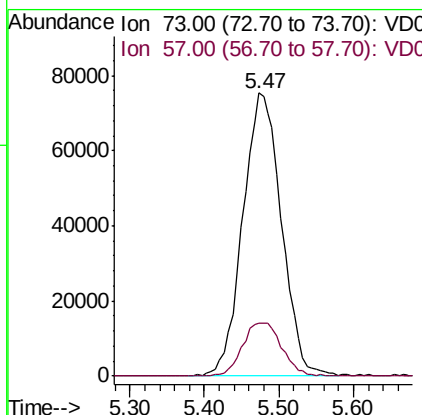
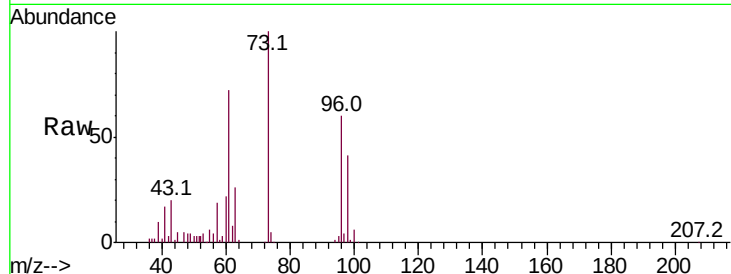




#19
Methyl tert-butyl Ether
Concen: 54.418 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

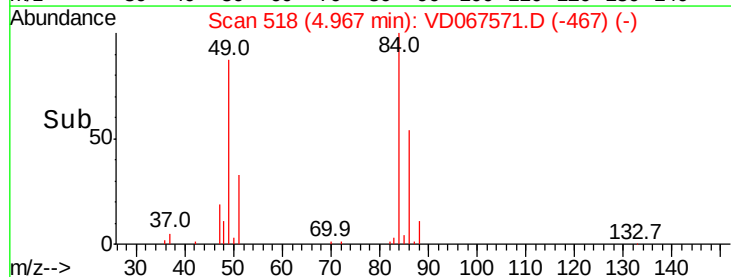
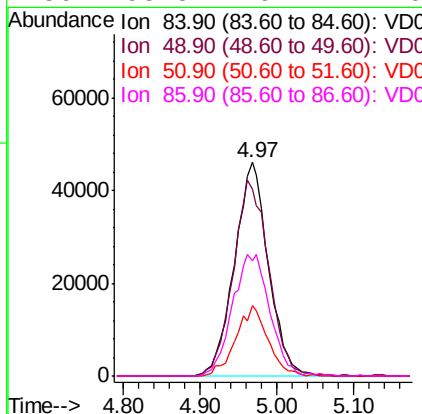
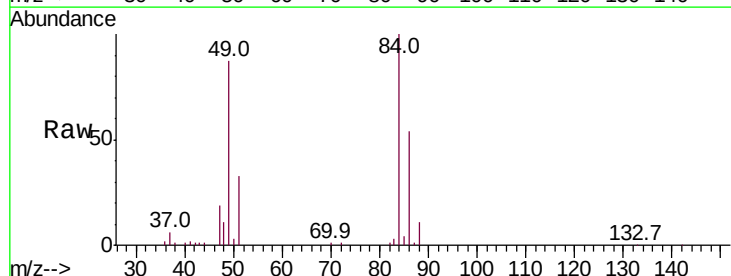
Instrument :
MSVOA_D
ClientSampled :

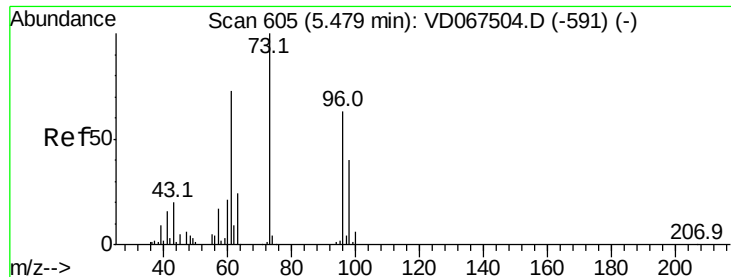
Tot Ion: 73 Resp: 270354
Ion Ratio Lower Upper
73 100
57 18.7 13.4 20.0



#20
Methylene Chloride
Concen: 50.782 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion: 84 Resp: 141640
Ion Ratio Lower Upper
84 100
49 87.3 77.0 115.4
51 33.0 25.4 38.2
86 53.8 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 47.153 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampleId :

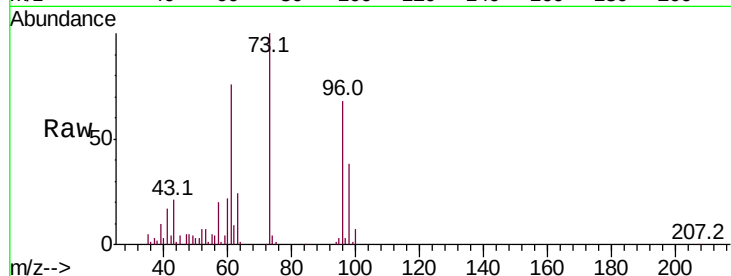
Tot Ion: 96 Resp: 138329

Ion Ratio Lower Upper

96 100

61 111.4 93.0 139.6

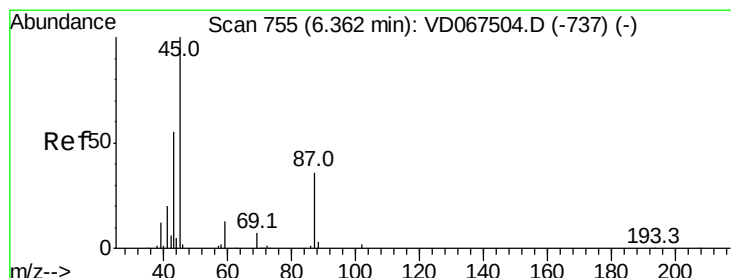
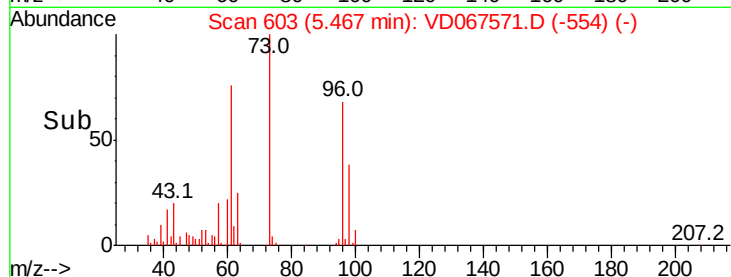
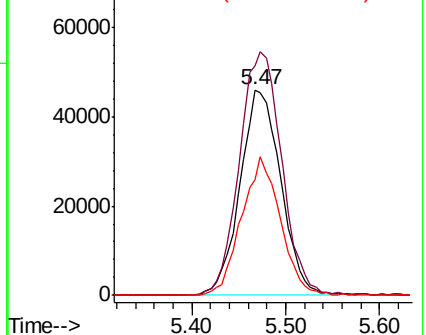
98 56.1 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 52.649 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Tgt Ion: 45 Resp: 276568

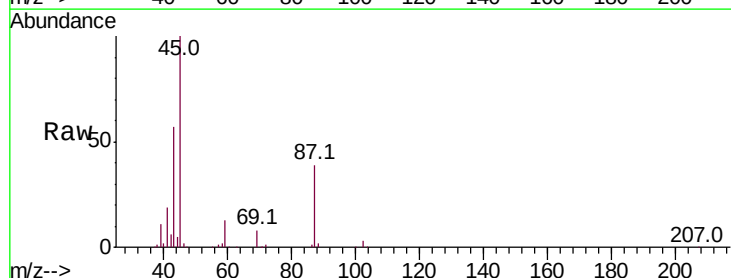
Ion Ratio Lower Upper

45 100

43 55.8 46.2 69.4

87 39.4 29.4 44.2

59 12.5 10.8 16.2

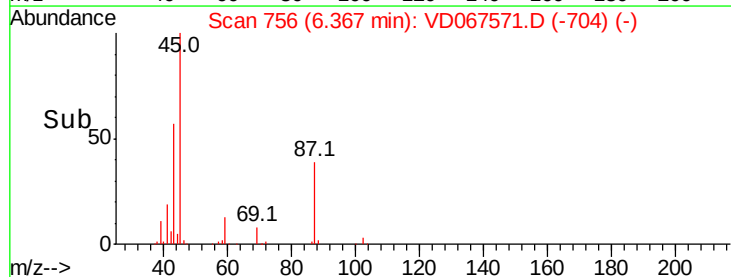
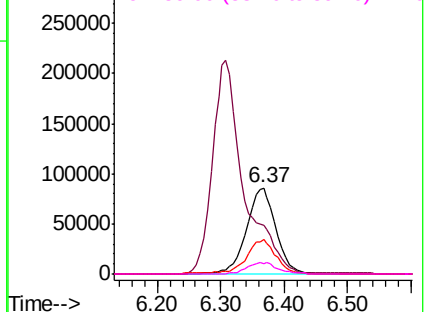


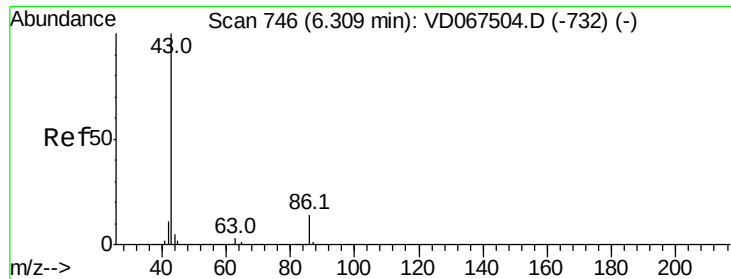
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 267.766 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

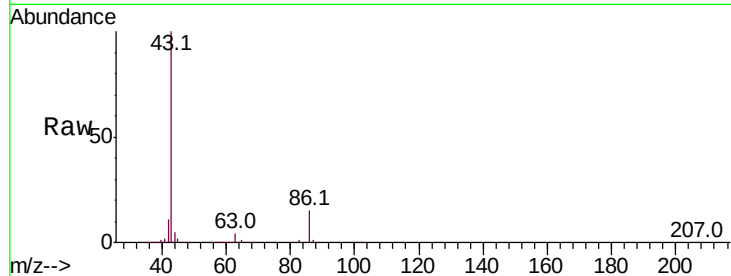
ClientSampleId :

Tot Ion: 43 Resp: 736274

Ion Ratio Lower Upper

43 100

86 15.0 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

150000

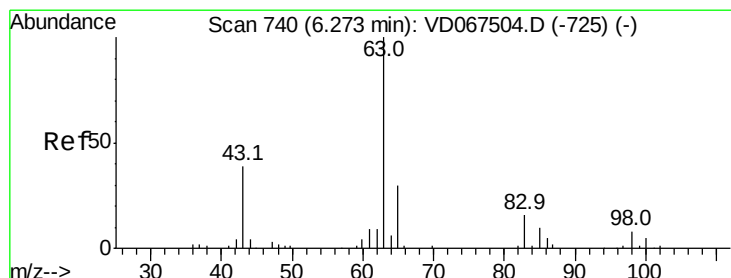
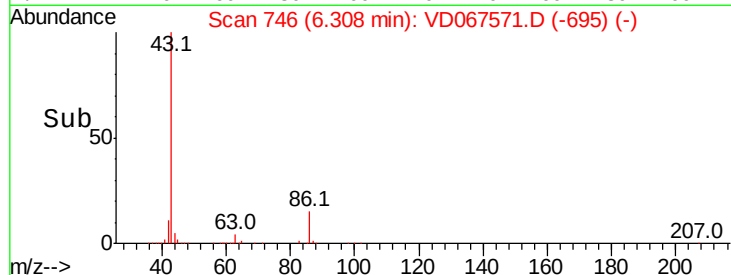
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 49.253 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

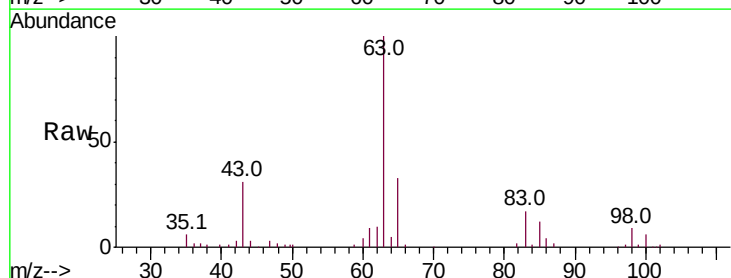
Tgt Ion: 63 Resp: 211661

Ion Ratio Lower Upper

63 100

98 8.6 3.9 11.5

100 6.4 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

80000

60000

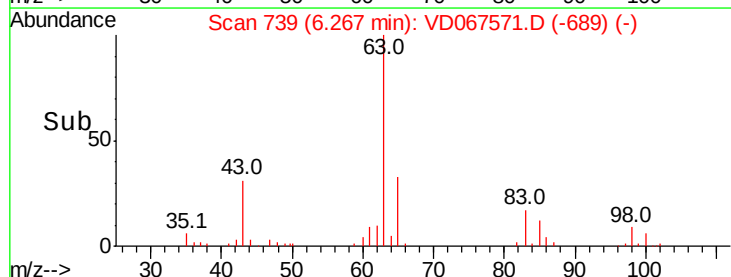
40000

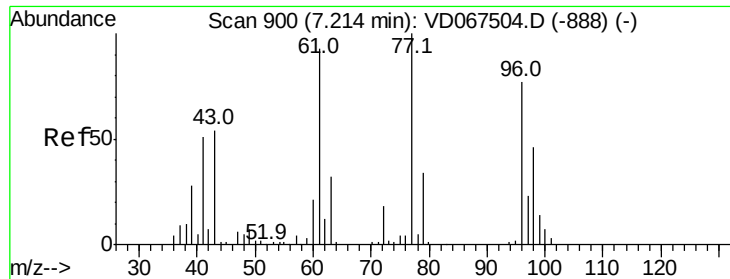
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 266.832 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

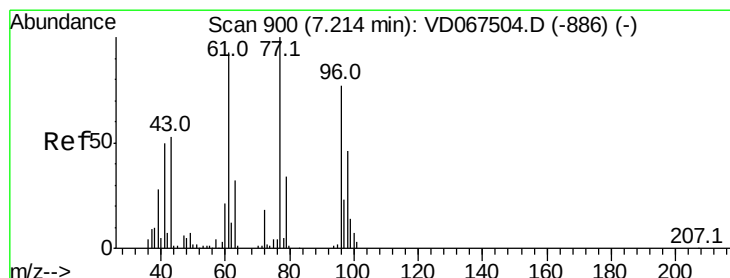
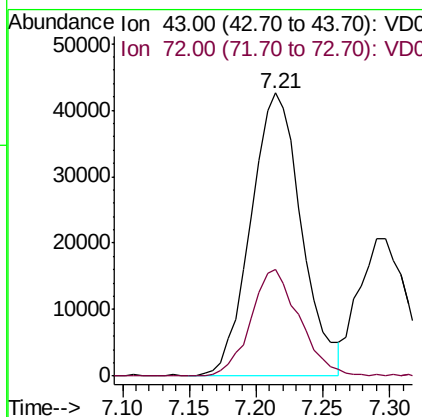
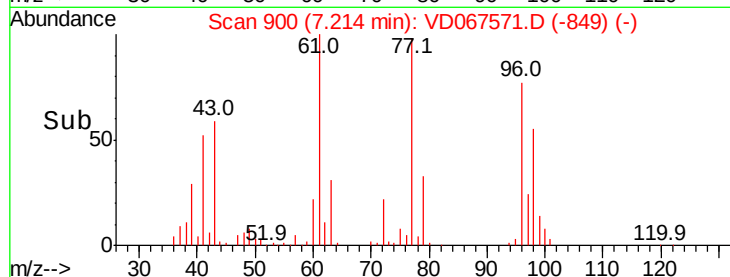
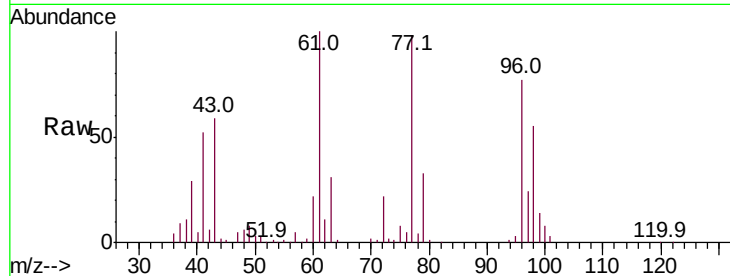
ClientSampled :

Tot Ion: 43 Resp: 112579

Ion Ratio Lower Upper

43 100

72 37.9 26.4 39.6



#26

2,2-Dichloropropane

Concen: 48.766 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067571.D

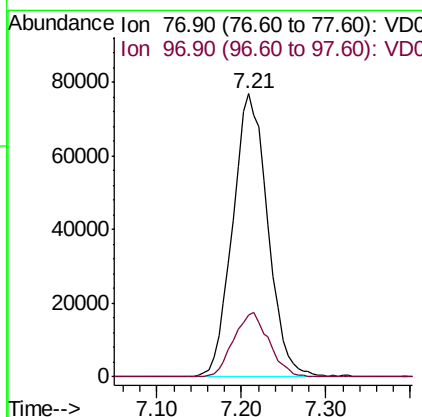
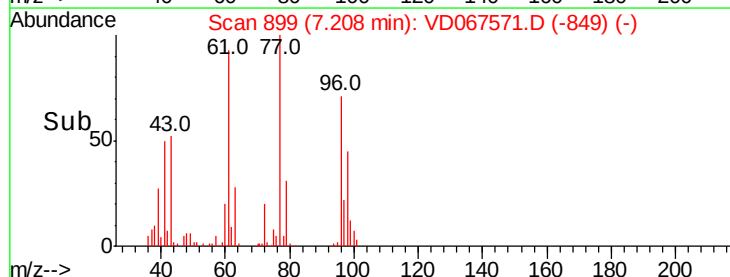
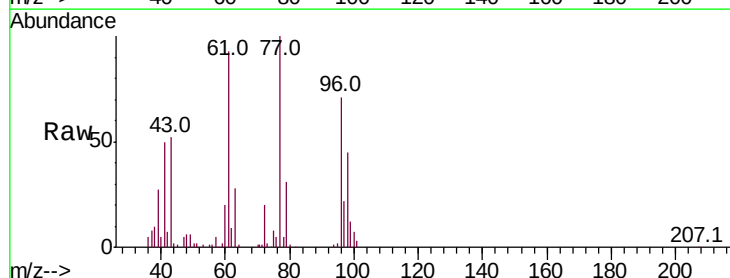
Acq: 09 Nov 2020 17:39

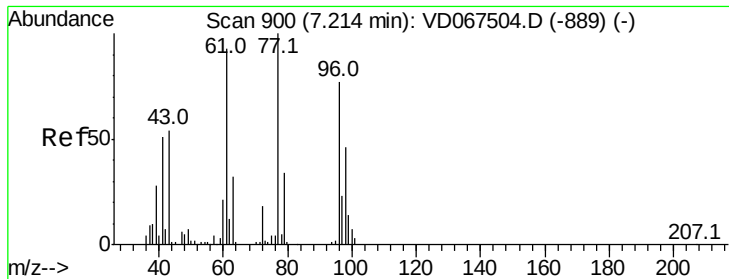
Tgt Ion: 77 Resp: 221180

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 49.806 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

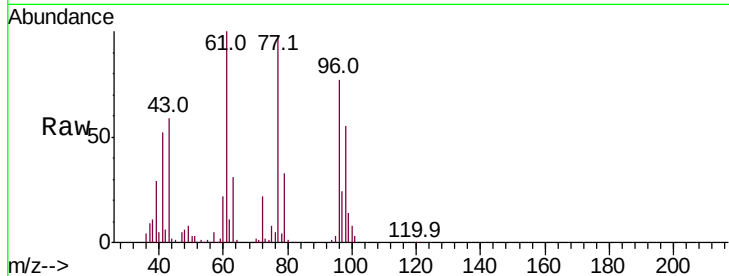
Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 96 Resp: 151657

Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	251.6
98	68.5	0.0	128.0

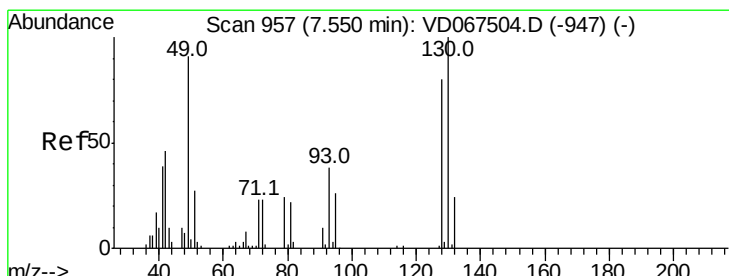
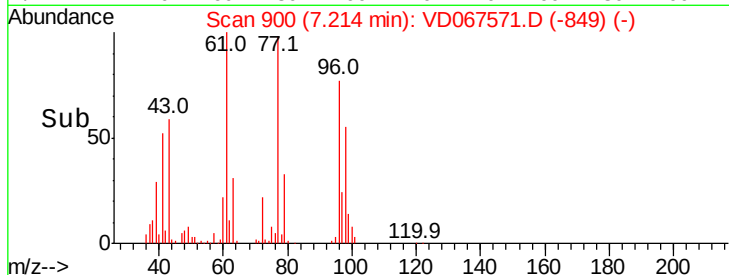


Abundance

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: 52.281 ug/l

RT: 7.55 min Scan# 957

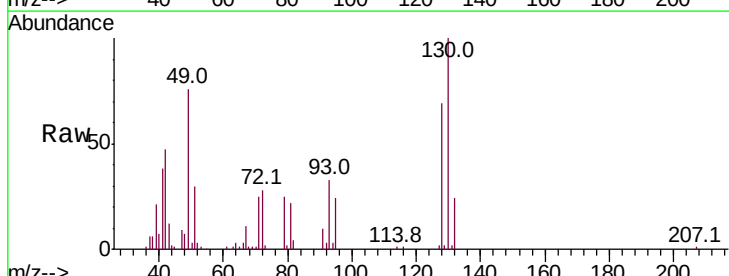
Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Tgt Ion: 49 Resp: 79918

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	6.4
130	123.1	94.6	142.0

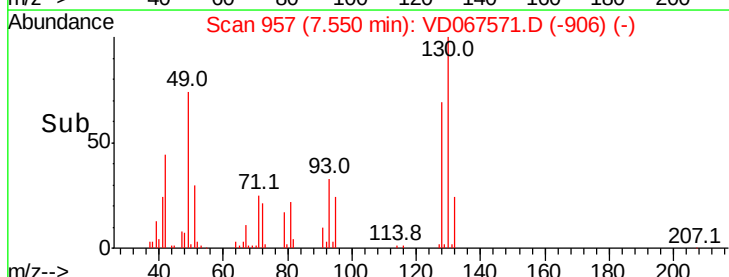


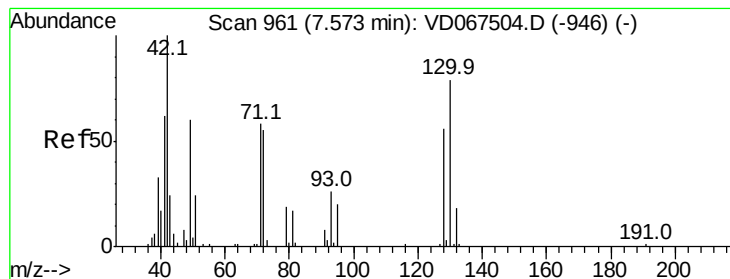
Abundance

Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 276.739 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampleId :

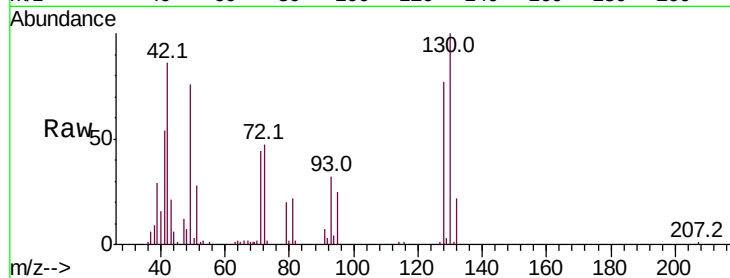
Tot Ion: 42 Resp: 69939

Ion Ratio Lower Upper

42 100

72 60.2 46.3 69.5

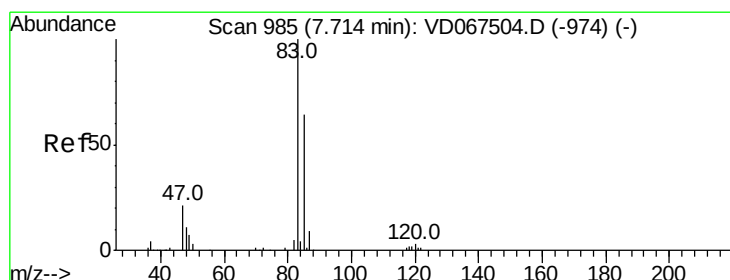
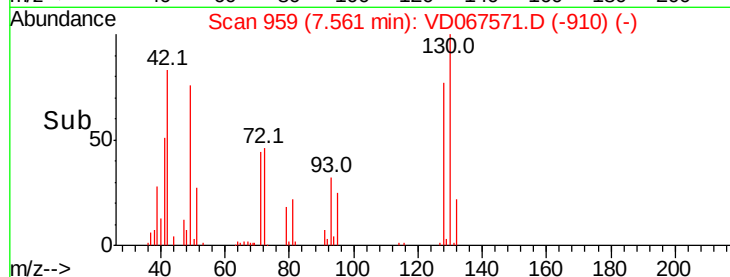
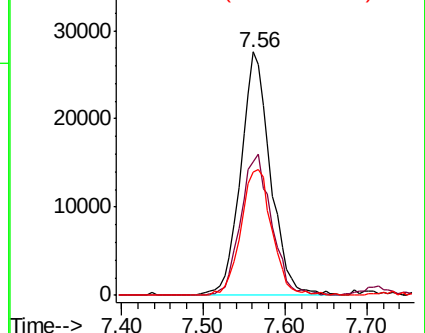
71 54.1 44.0 66.0



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 51.554 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD067571.D

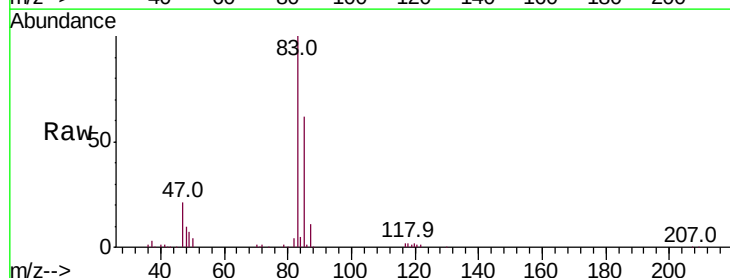
Acq: 09 Nov 2020 17:39

Tgt Ion: 83 Resp: 264308

Ion Ratio Lower Upper

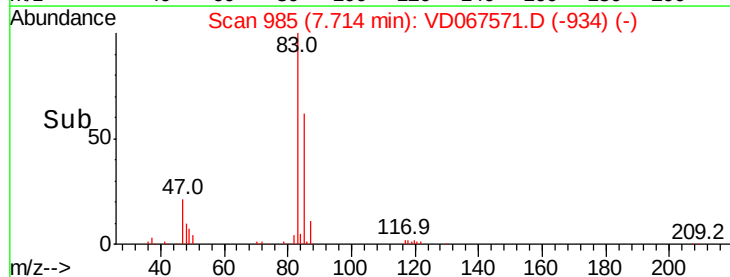
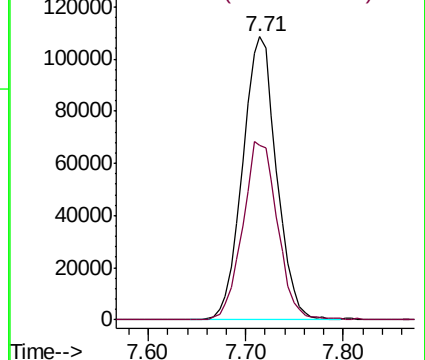
83 100

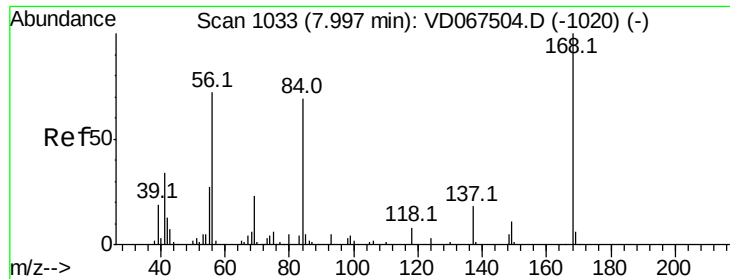
85 61.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

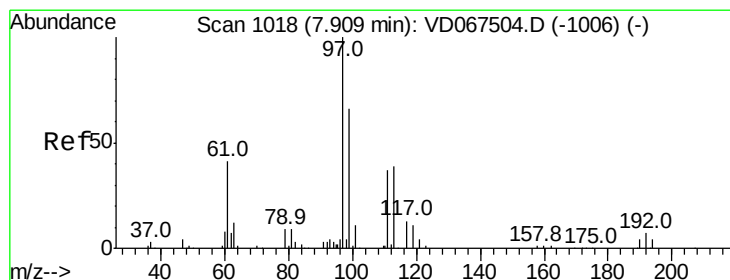
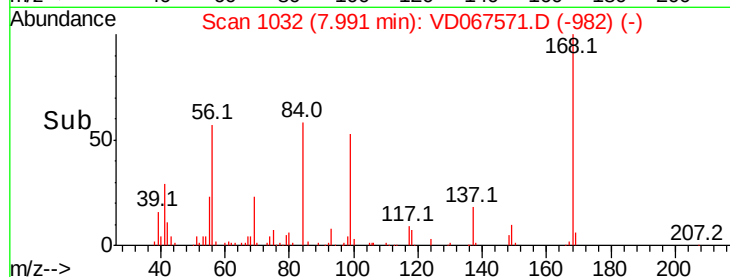
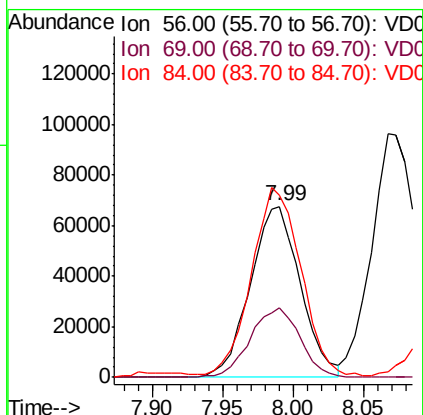
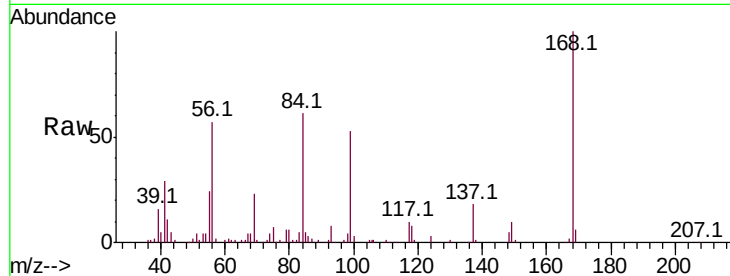




#31
Cyclohexane
Concen: 43.860 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

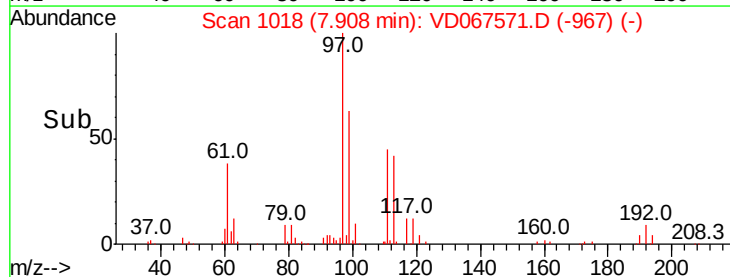
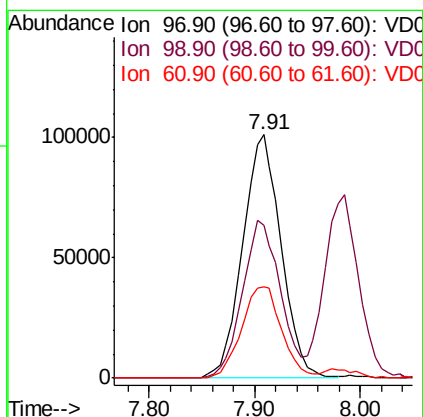
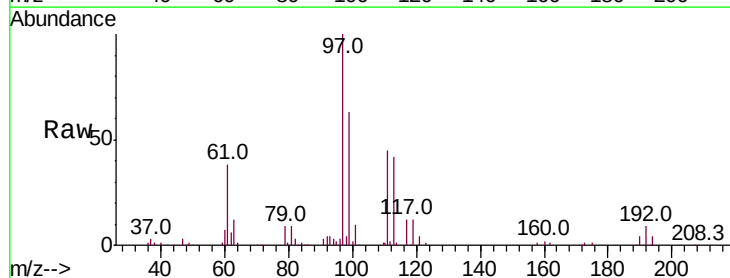
Instrument :
MSVOA_D
ClientSampleId :

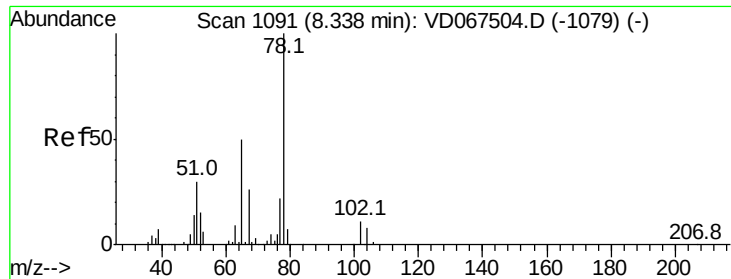
Tot Ion: 56 Resp: 167848
Ion Ratio Lower Upper
56 100
69 40.7 25.9 38.9#
84 104.7 76.2 114.4



#32
1,1,1-Trichloroethane
Concen: 48.267 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion: 97 Resp: 255322
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 39.5 30.5 45.7

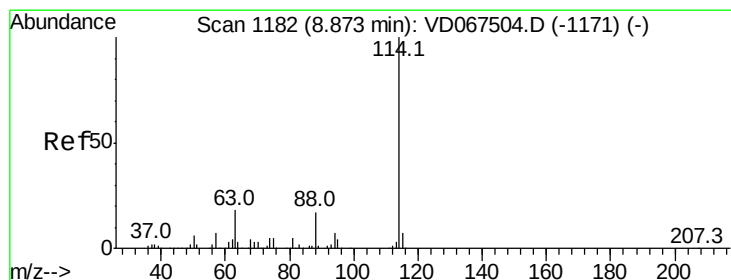
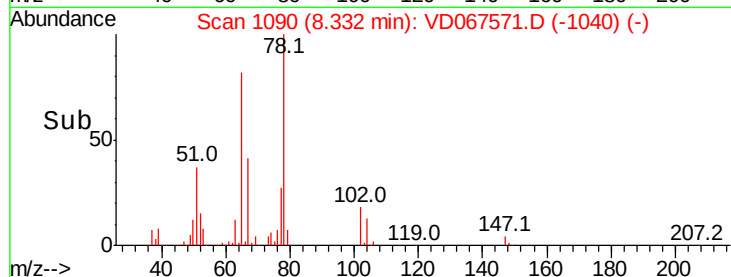
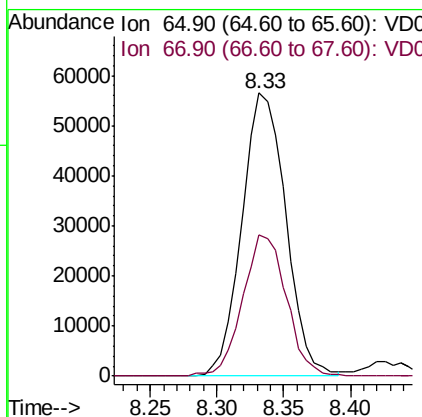
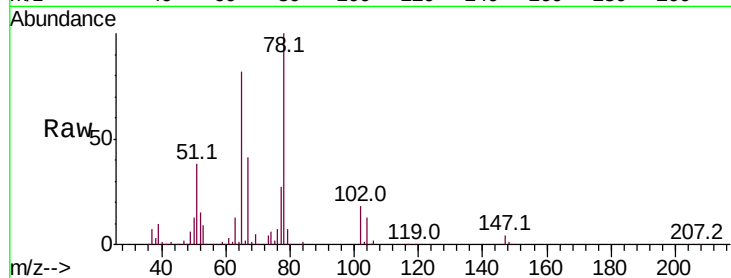




#33
 1,2-Dichloroethane-d4
 Concen: 48.841 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

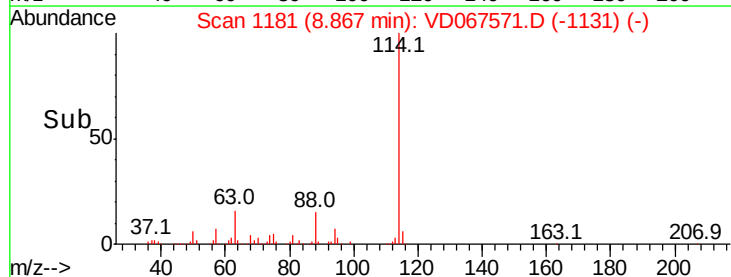
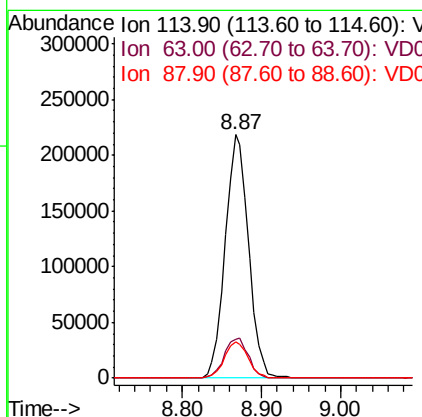
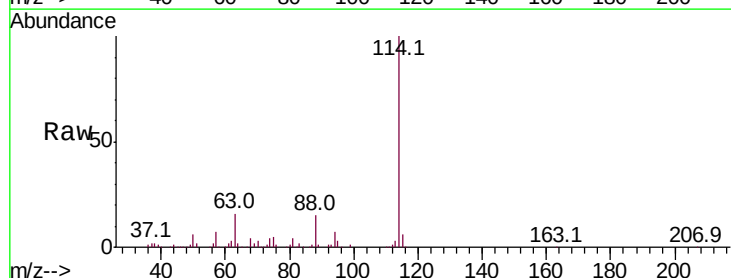
Instrument :
 MSVOA_D
 ClientSampled :

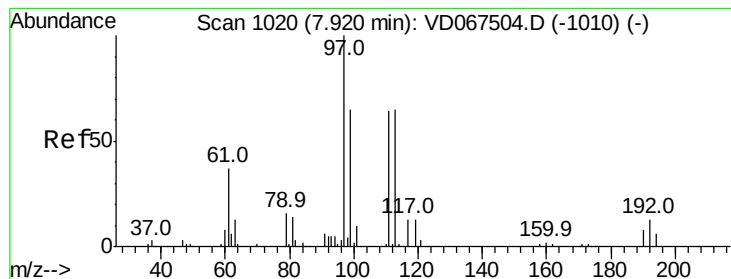
Tot Ion: 65 Resp: 128872
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Tgt Ion: 114 Resp: 443133
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 35.0
 88 14.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.867 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampleId :

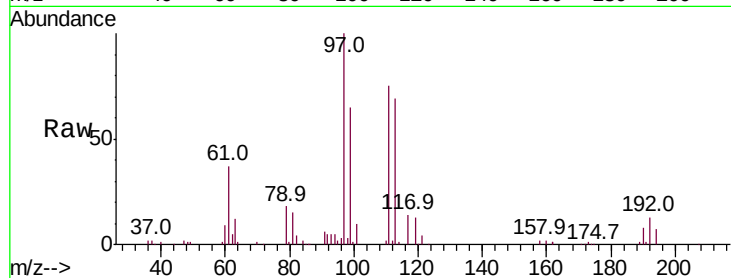
Tot Ion:113 Resp: 127799

Ion Ratio Lower Upper

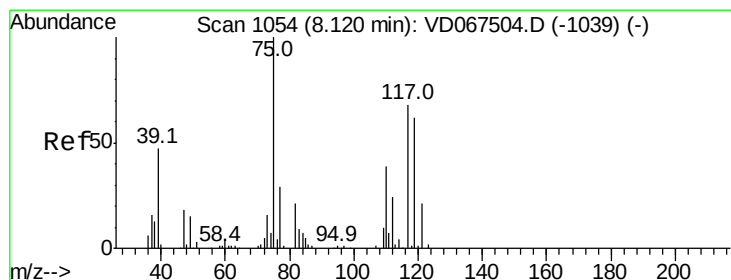
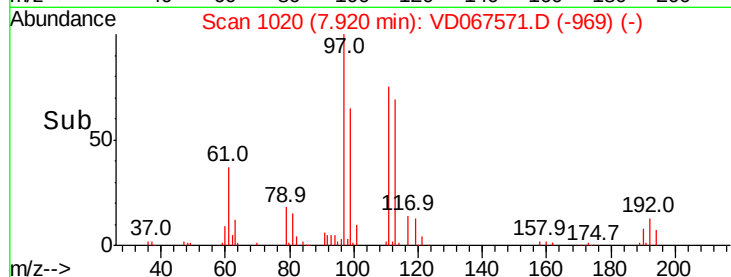
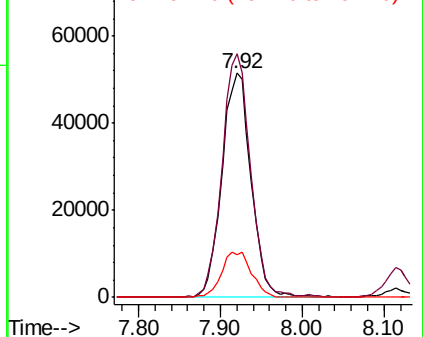
113 100

111 106.2 80.0 120.0

192 20.9 16.3 24.5



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



#36

1,1-Dichloropropene

Concen: 49.413 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

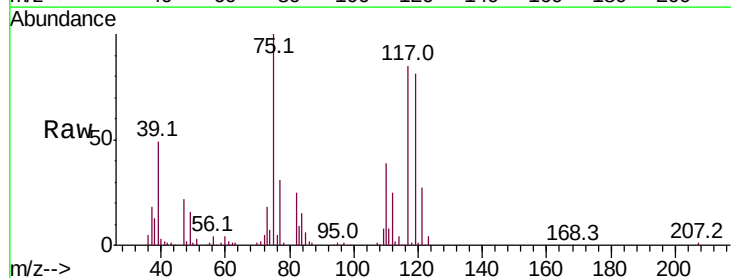
Tgt Ion: 75 Resp: 187431

Ion Ratio Lower Upper

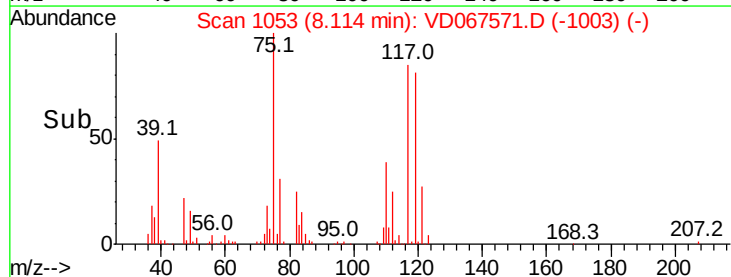
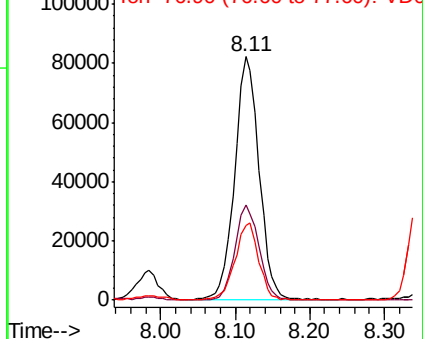
75 100

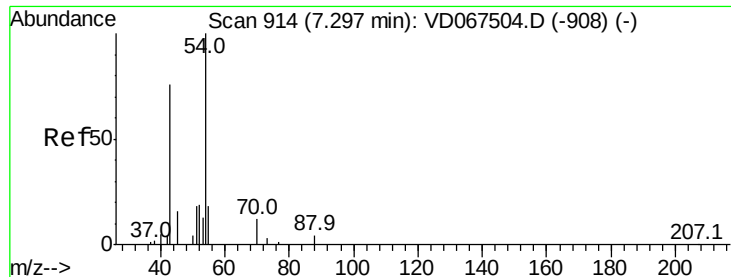
110 38.4 19.9 59.7

77 30.6 24.8 37.2



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





#37

Ethyl Acetate

Concen: 52.035 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampled :

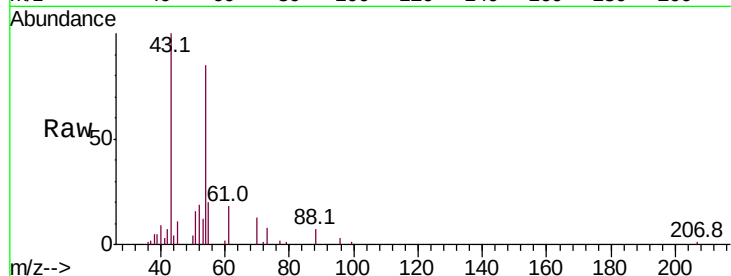
Tot Ion: 43 Resp: 51243

Ion Ratio Lower Upper

43 100

61 16.8 12.8 19.2

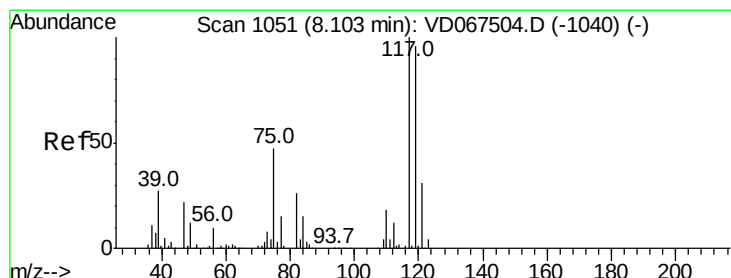
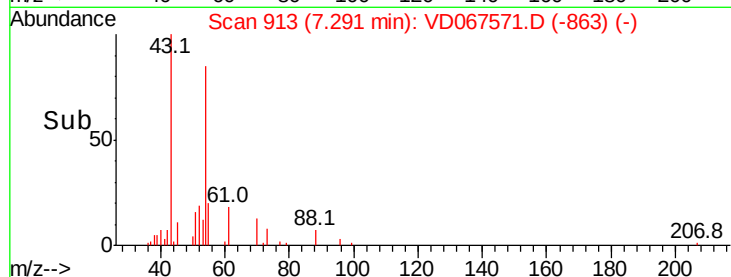
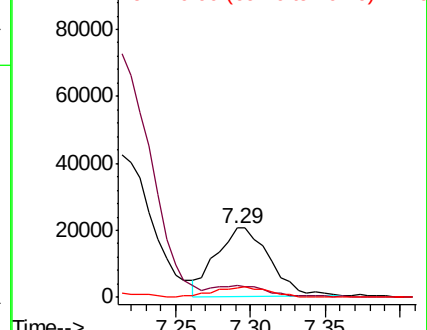
70 15.3 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 50.538 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

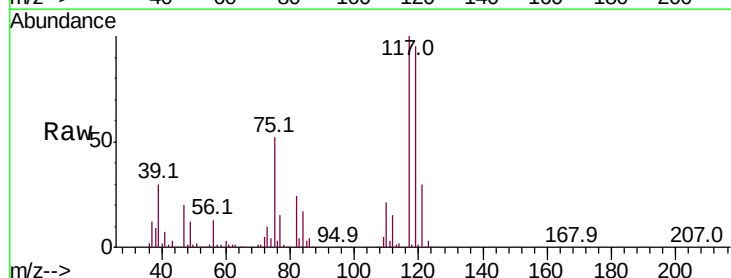
Tgt Ion: 117 Resp: 249066

Ion Ratio Lower Upper

117 100

119 94.9 76.9 115.3

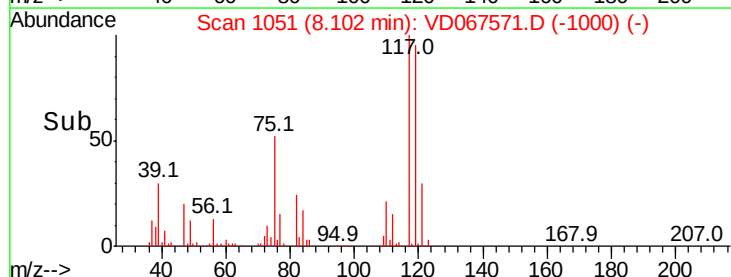
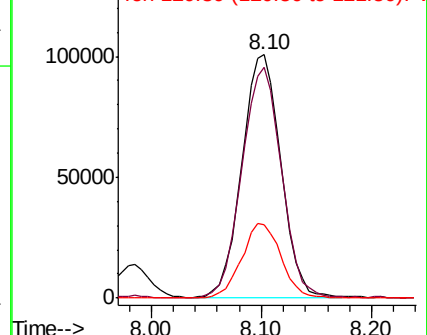
121 30.1 24.5 36.7

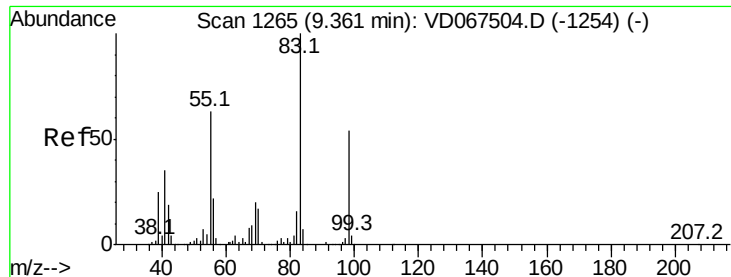


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

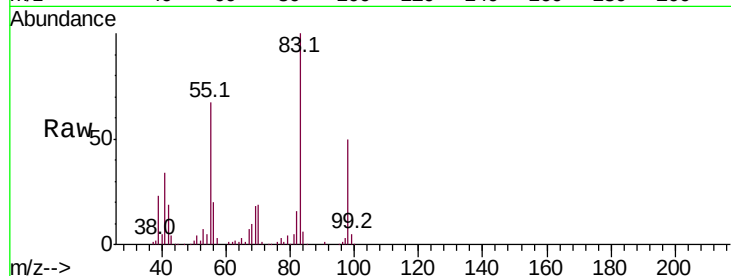




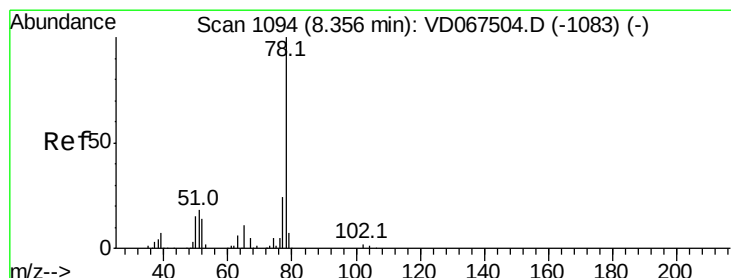
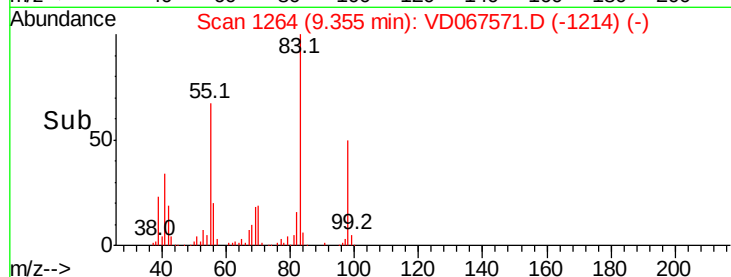
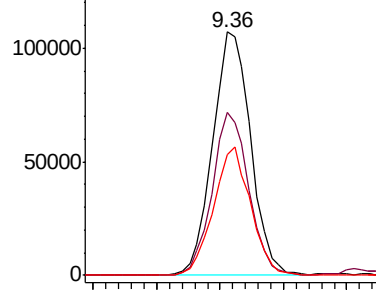
#39
Methylvlcyclohexane
Concen: 49.977 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	83	Resp	223121
Ion Ratio	Lower	Upper	
83	100		
55	66.9	50.5	75.7
98	49.5	43.4	65.0

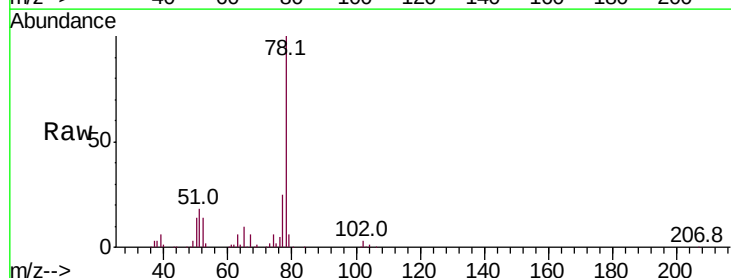


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

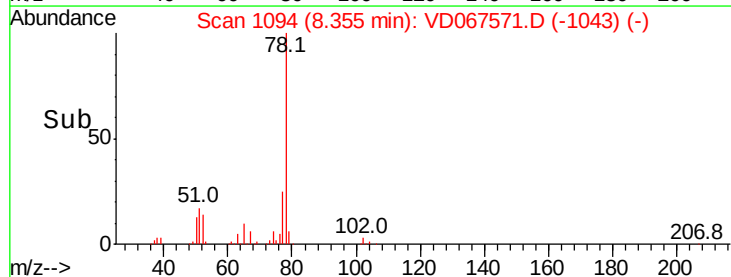
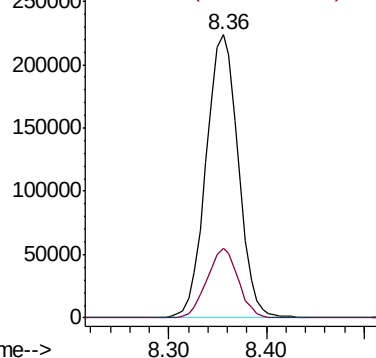


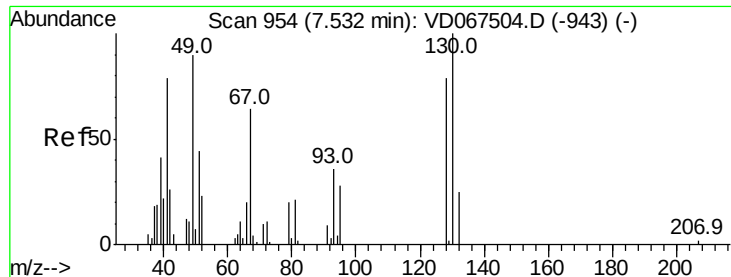
#40
Benzene
Concen: 50.151 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion	78	Resp	515285
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.1	28.7



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

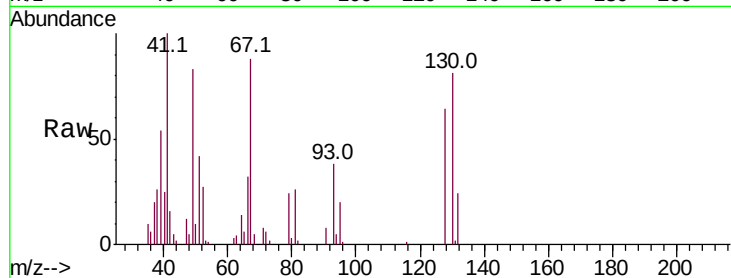




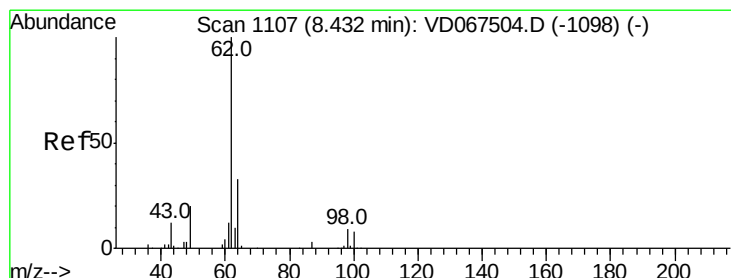
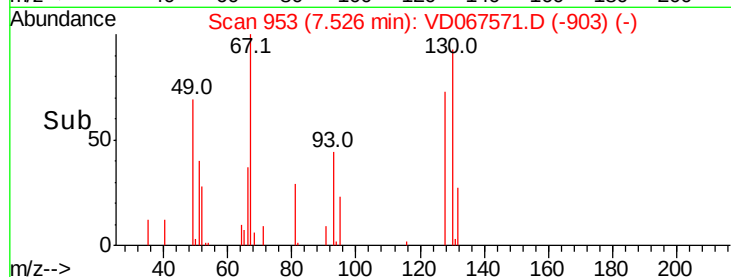
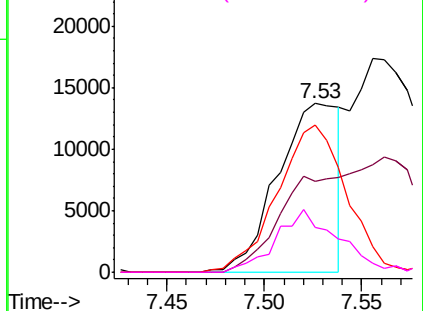
#41
Methacrylonitrile
Concen: 51.254 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 30170
Ion Ratio Lower Upper
41 100
39 0.0 51.3 76.9#
67 98.3 78.9 118.3
52 38.3 31.4 47.2

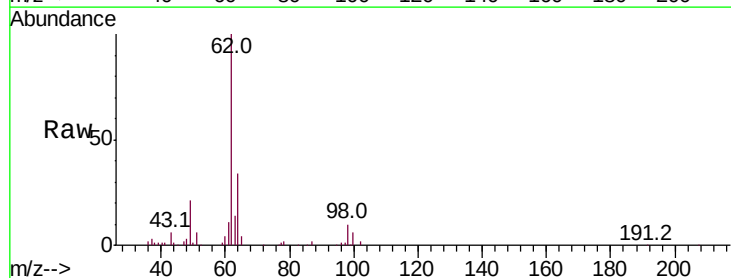


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

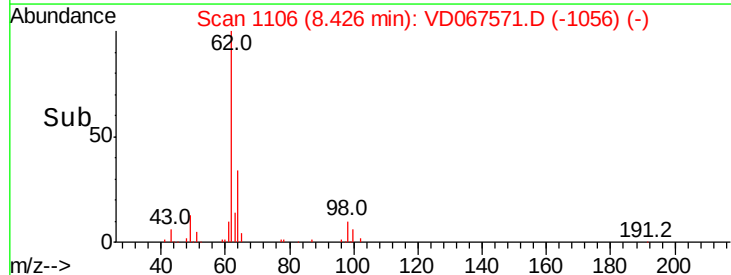
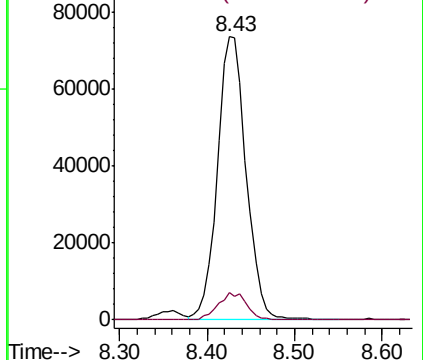


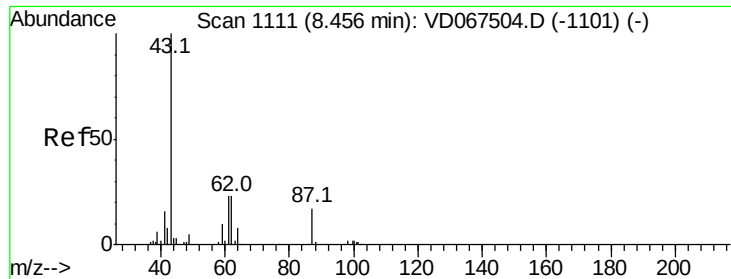
#42
1,2-Dichloroethane
Concen: 52.653 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion: 62 Resp: 167151
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8



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





#43

Isopropyl Acetate

Concen: 54.887 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampleId :

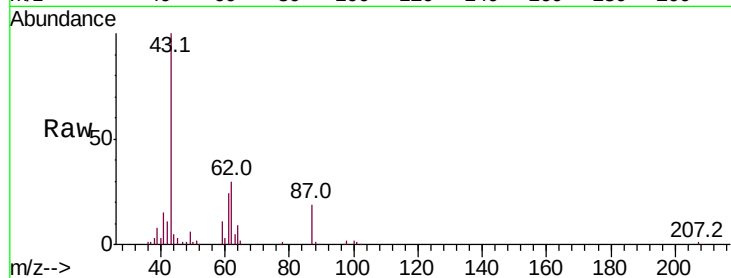
Tot Ion: 43 Resp: 106896

Ion Ratio Lower Upper

43 100

61 37.0 30.5 45.7

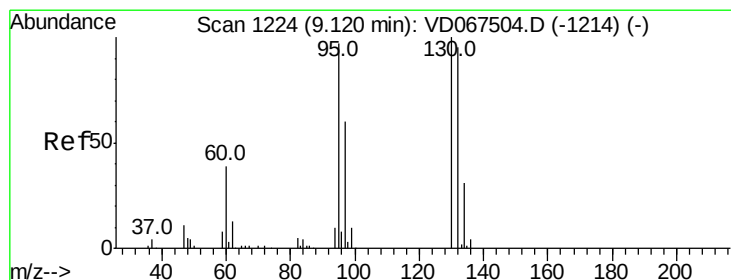
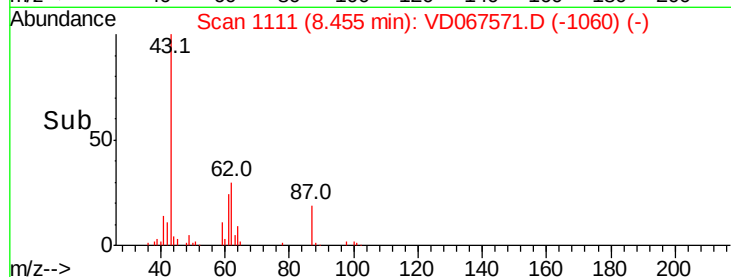
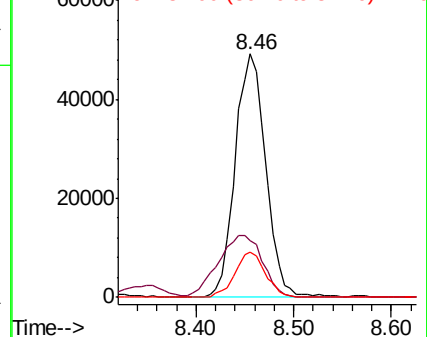
87 18.5 14.7 22.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.411 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD067571.D

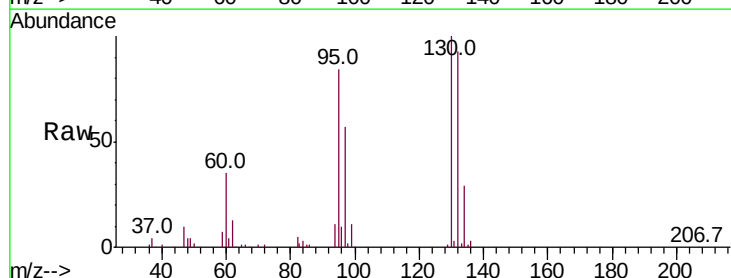
Acq: 09 Nov 2020 17:39

Tgt Ion:130 Resp: 166932

Ion Ratio Lower Upper

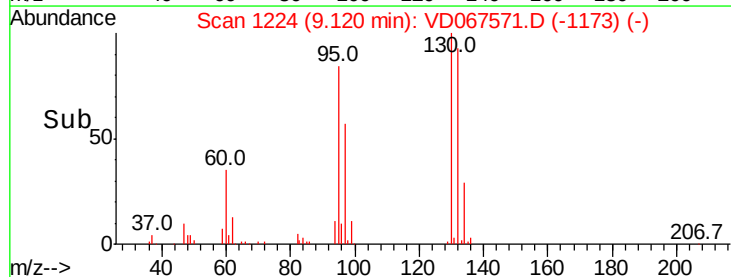
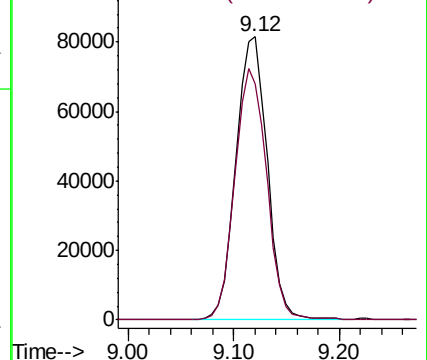
130 100

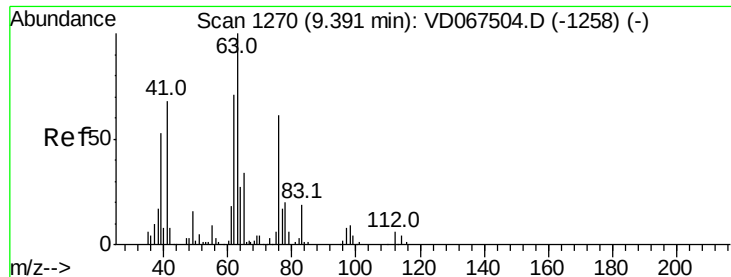
95 83.5 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

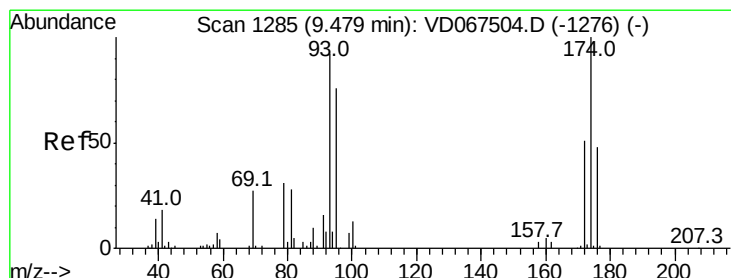
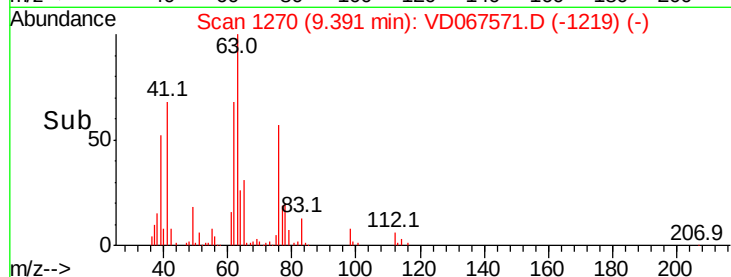
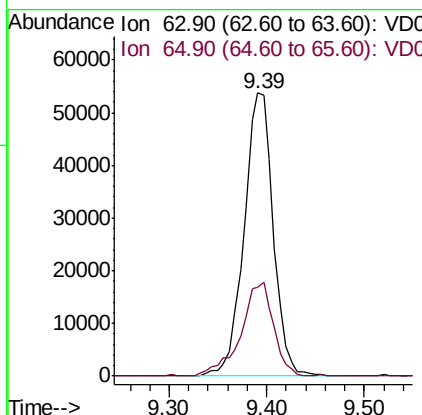
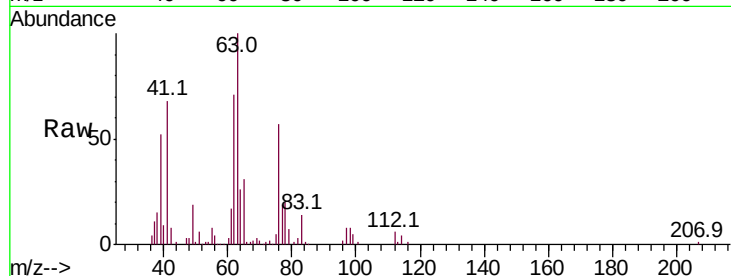




#45
1,2-Dichloropropane
Concen: 50.744 ug/l
RT: 9.39 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

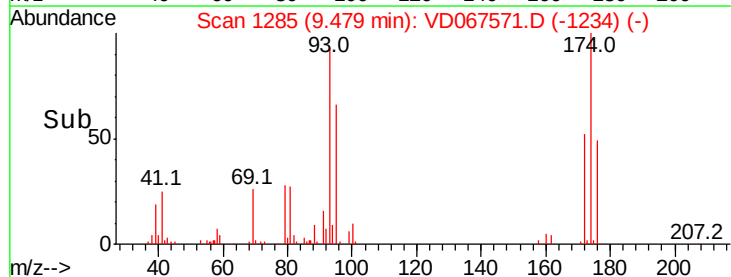
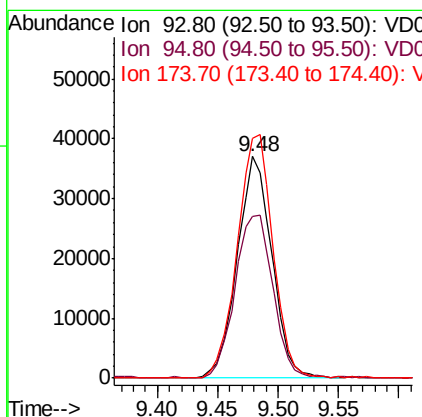
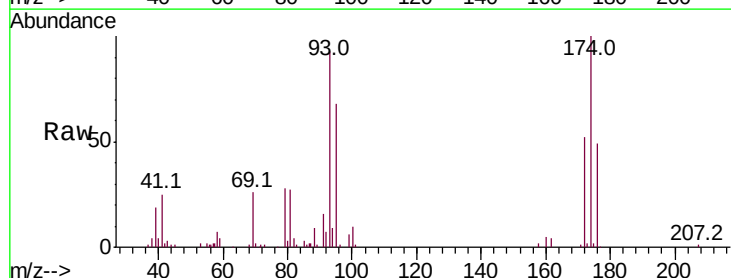
Instrument :
MSVOA_D
ClientSampled :

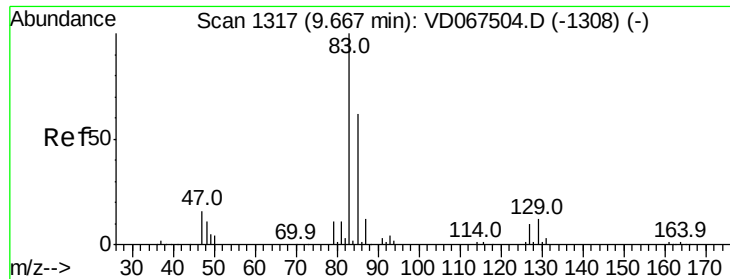
Tot Ion: 63 Resp: 112725
Ion Ratio Lower Upper
63 100
65 31.2 26.9 40.3



#46
Dibromomethane
Concen: 52.669 ug/l
RT: 9.48 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion: 93 Resp: 74394
Ion Ratio Lower Upper
93 100
95 80.3 66.4 99.6
174 112.7 88.2 132.4





#47

Bromodichloromethane

Concen: 52.293 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampleId :

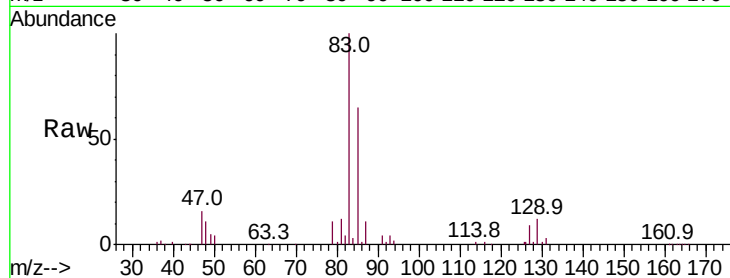
Tot Ion: 83 Resp: 200757

Ion Ratio Lower Upper

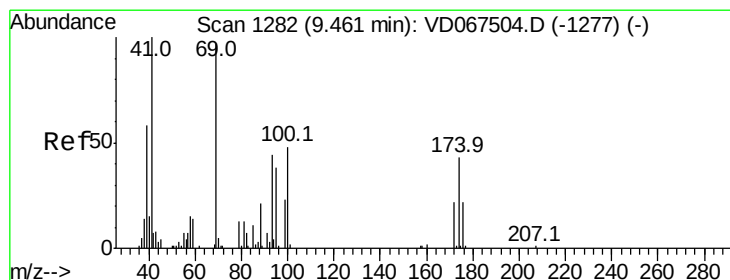
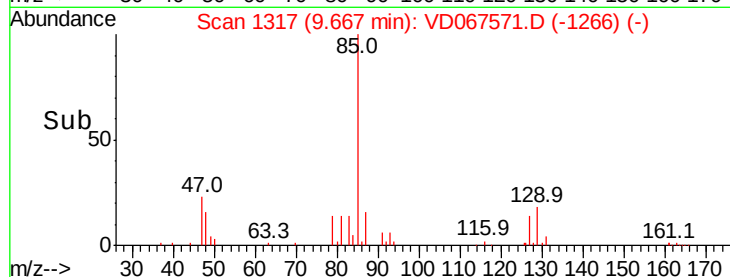
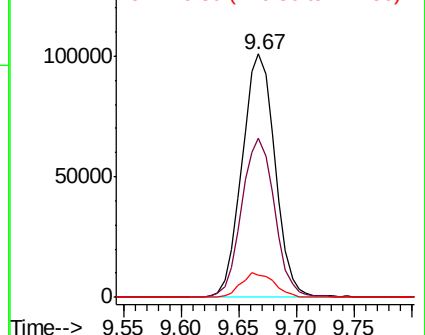
83 100

85 65.4 49.4 74.2

127 9.3 7.7 11.5



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



#48

Methyl methacrylate

Concen: 50.103 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

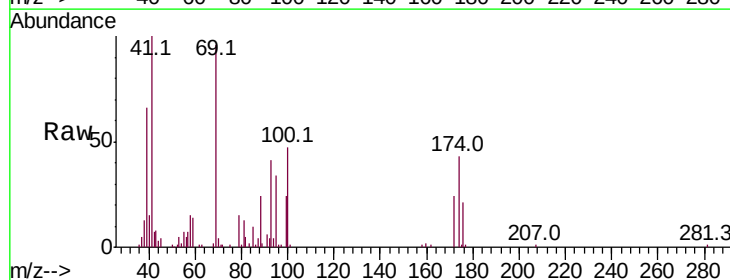
Tgt Ion: 41 Resp: 50382

Ion Ratio Lower Upper

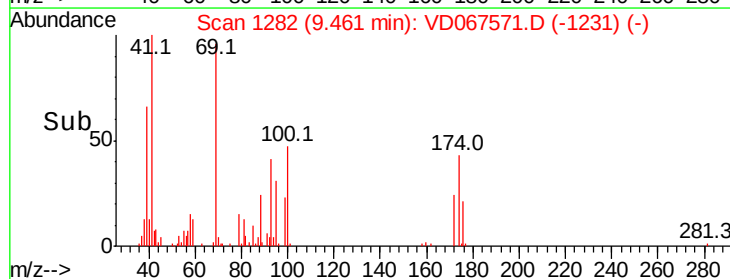
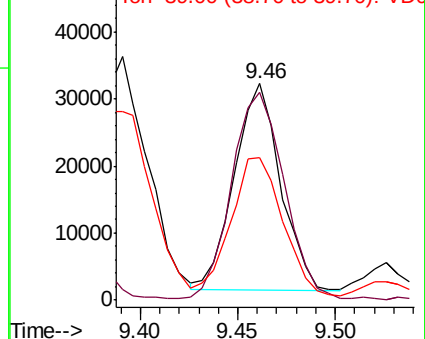
41 100

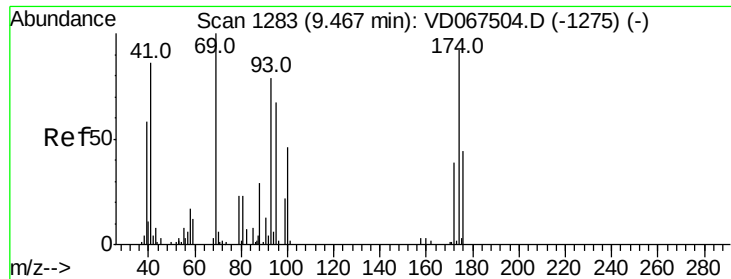
69 116.5 80.6 121.0

39 81.2 50.2 75.4#



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





#49

1,4-Dioxane

Concen: 1104.052 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :
MSVOA_D
ClientSampleId :

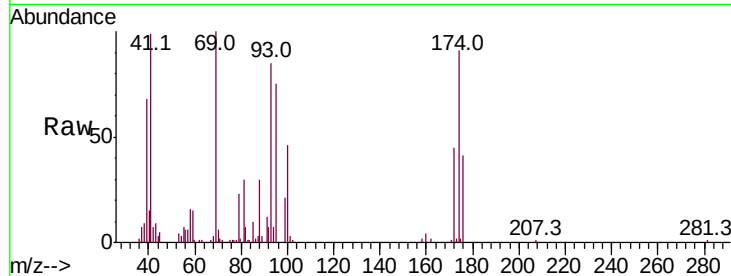
Tot Ion: 88 Resp: 15831

Ion Ratio Lower Upper

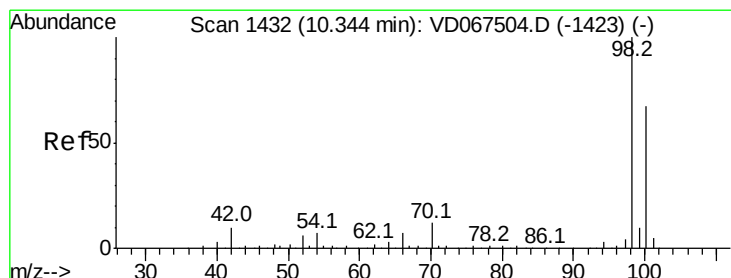
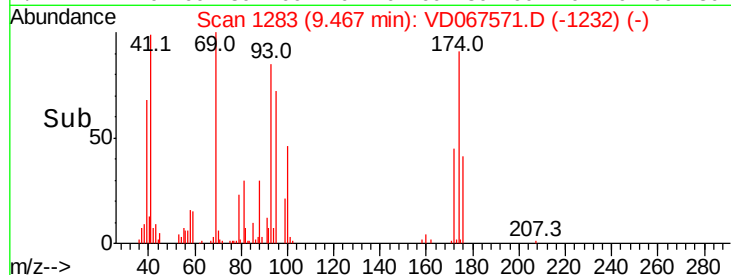
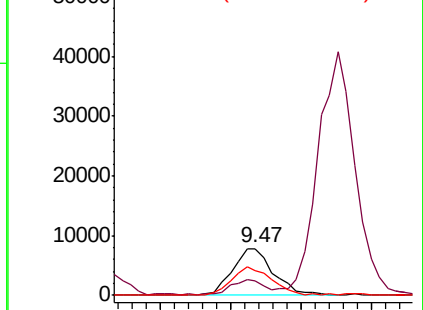
88 100

43 28.4 23.6 35.4

58 59.2 44.7 67.1



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: 48.171 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067571.D

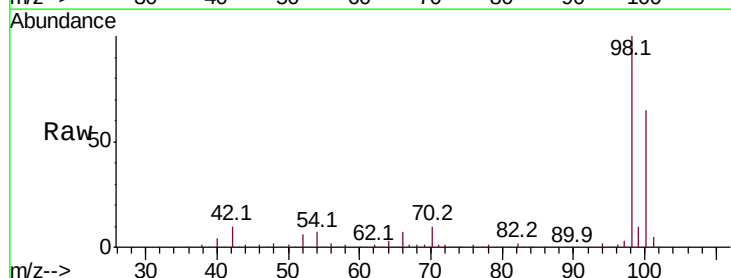
Acq: 09 Nov 2020 17:39

Tgt Ion: 98 Resp: 451965

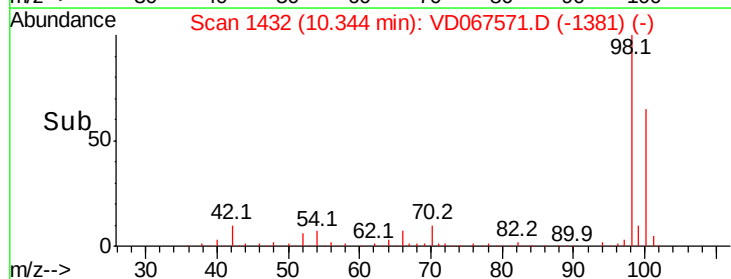
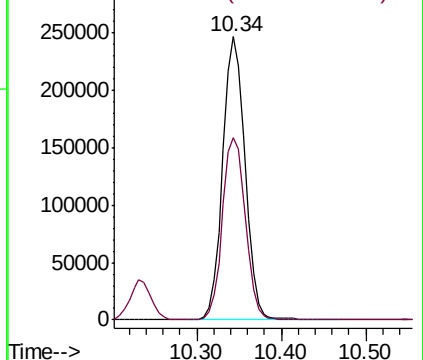
Ion Ratio Lower Upper

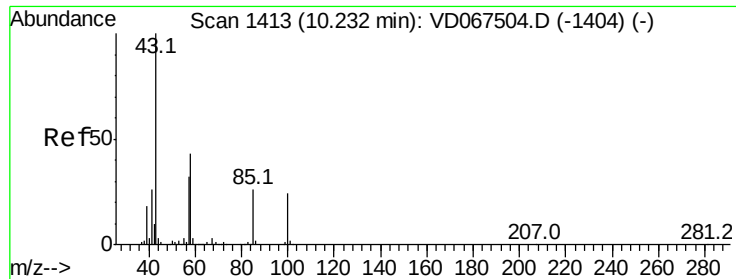
98 100

100 66.2 53.0 79.6



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

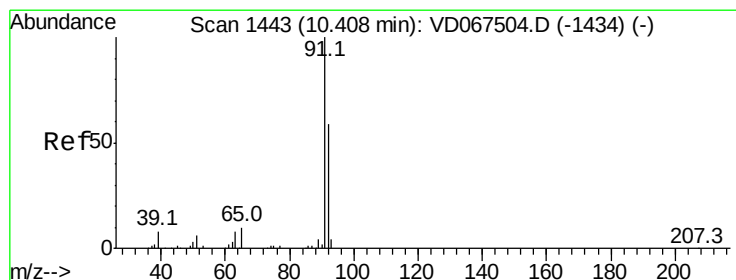
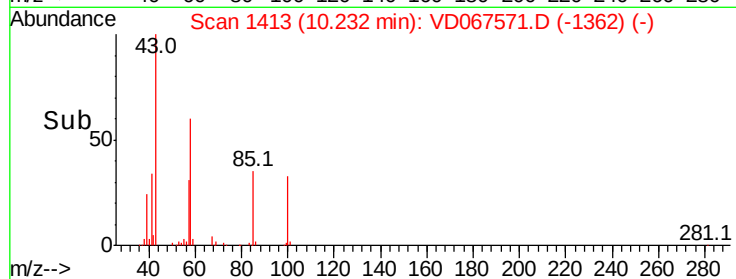
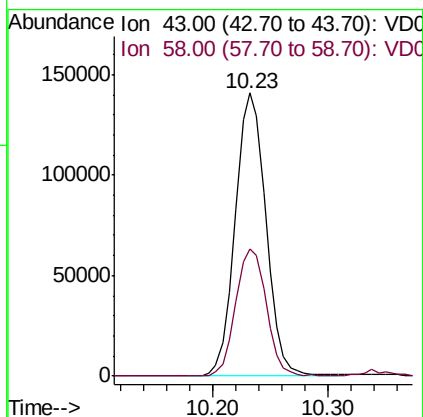
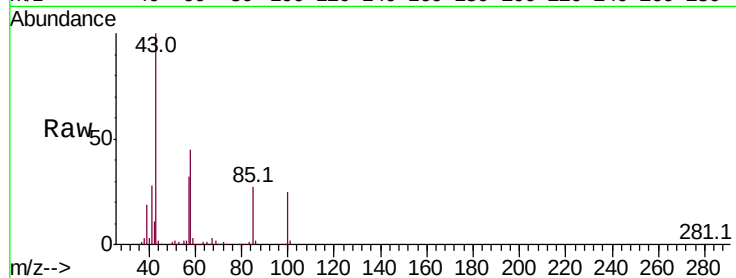




#51
 4-Methyl-2-Pentanone
 Concen: 279.296 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

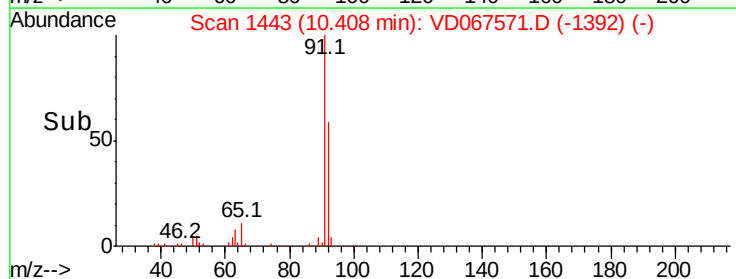
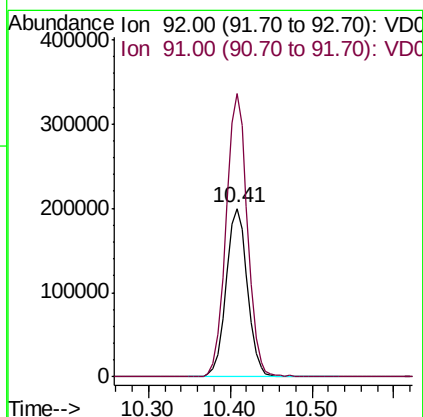
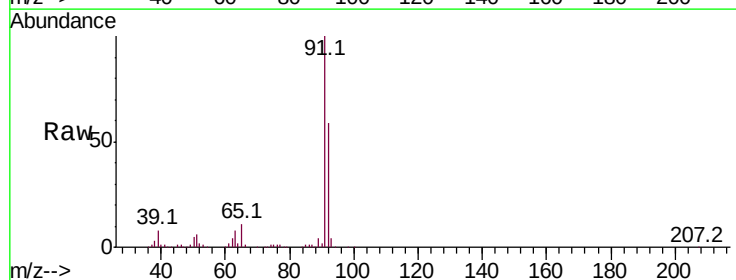
Instrument :
 MSVOA_D
 ClientSampleId :

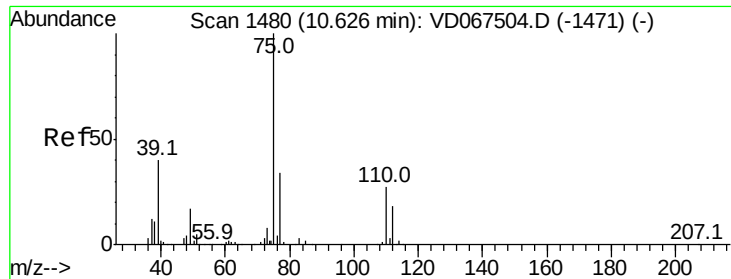
Tot Ion: 43 Resp: 260145
 Ion Ratio Lower Upper
 43 100
 58 44.9 35.6 53.4



#52
 Toluene
 Concen: 52.555 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Tgt Ion: 92 Resp: 361684
 Ion Ratio Lower Upper
 92 100
 91 168.4 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 53.633 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

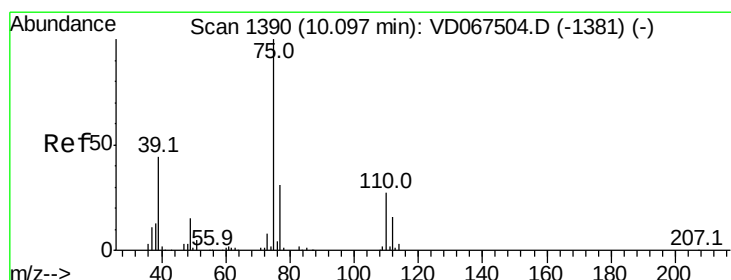
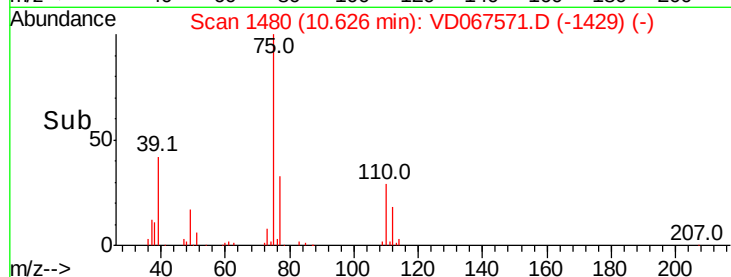
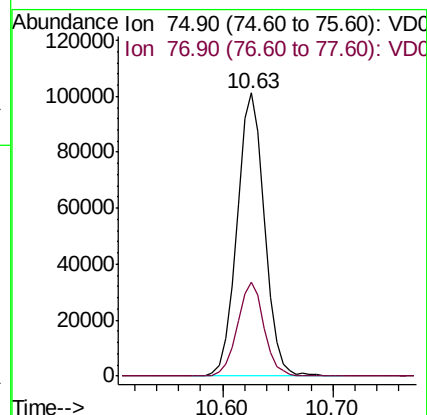
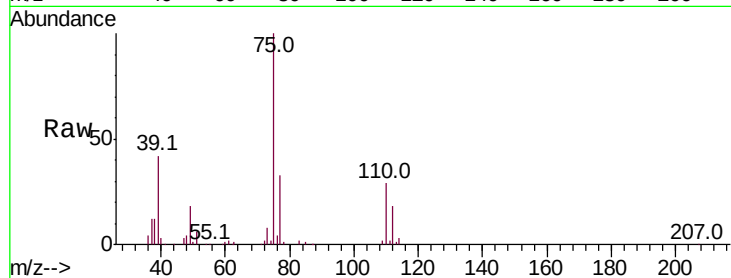
ClientSampleId :

Tot Ion: 75 Resp: 176347

Ion Ratio Lower Upper

75 100

77 33.1 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 52.048 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

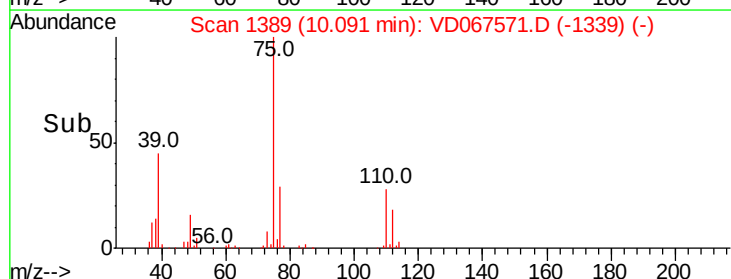
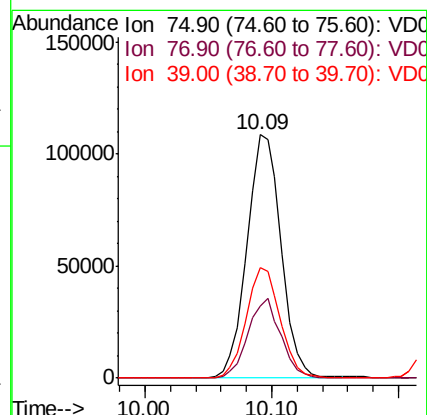
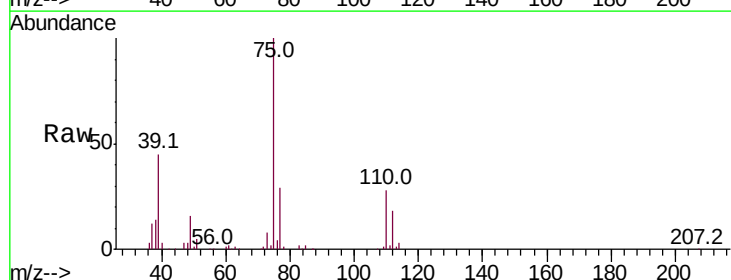
Tgt Ion: 75 Resp: 203329

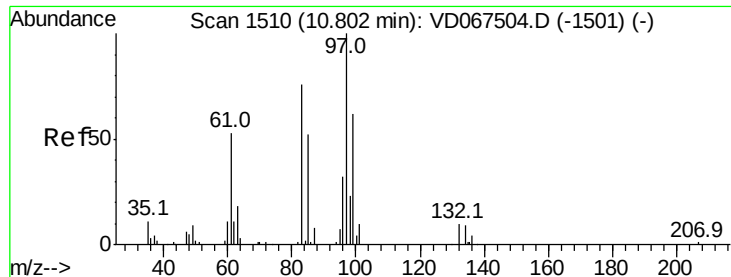
Ion Ratio Lower Upper

75 100

77 29.4 24.4 36.6

39 45.1 35.6 53.4

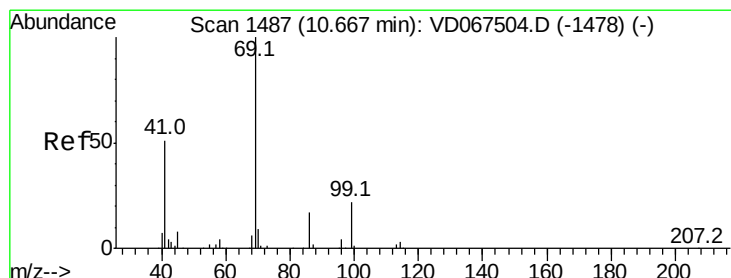
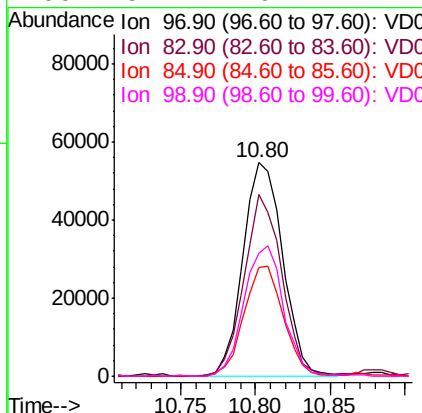
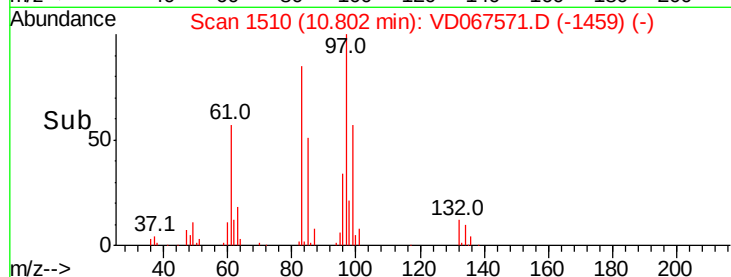
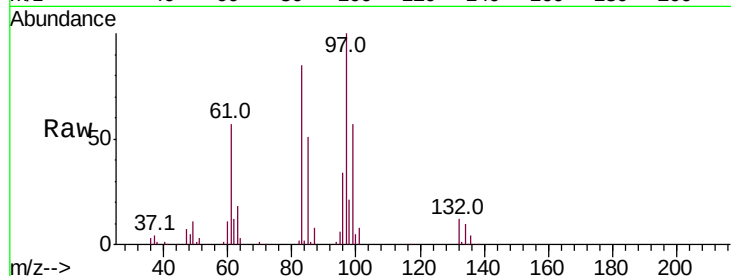




#55
 1,1,2-Trichloroethane
 Concen: 53.920 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

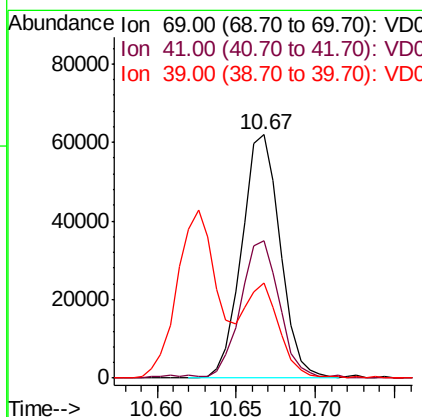
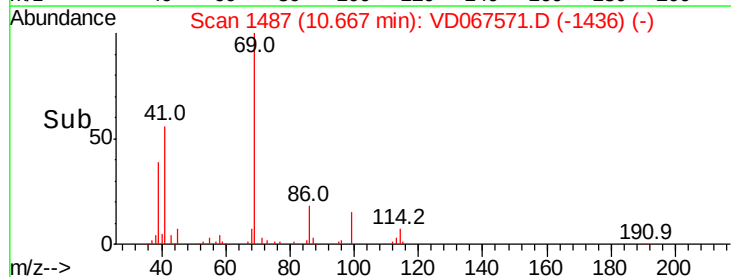
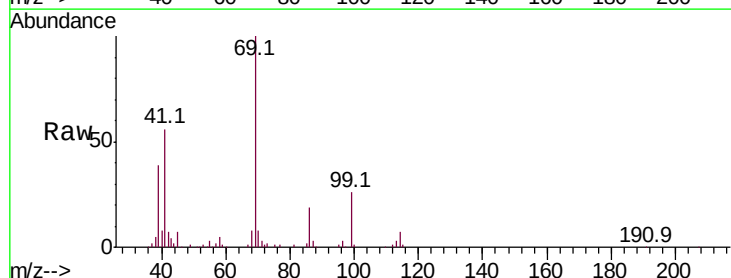
Instrument :
 MSVOA_D
 ClientSampleId :

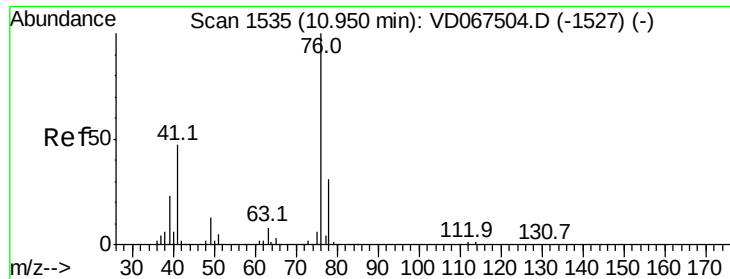
Tot Ion:	97	Resp:	100769
Ion	Ratio	Lower	Upper
97	100		
83	85.0	61.0	91.6
85	51.2	41.5	62.3
99	57.4	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 54.130 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Tgt Ion:	69	Resp:	104466
Ion	Ratio	Lower	Upper
69	100		
41	56.7	45.4	68.0
39	34.0	27.4	41.0





#57

1,3-Dichloropropane

Concen: 52.724 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

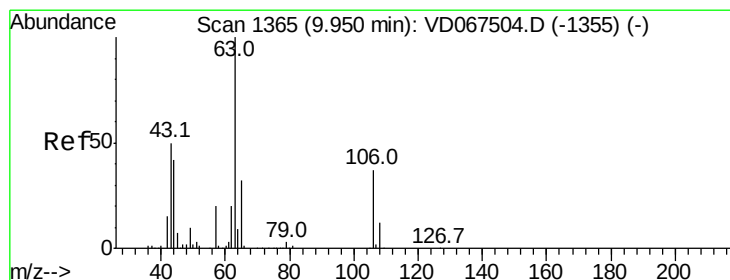
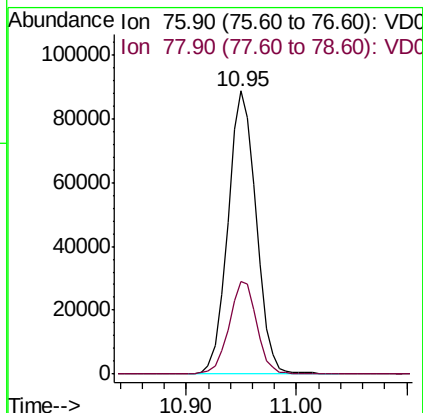
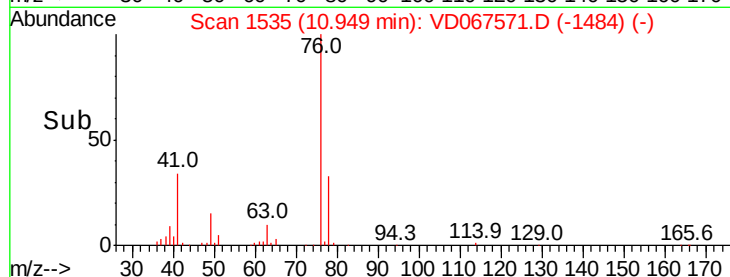
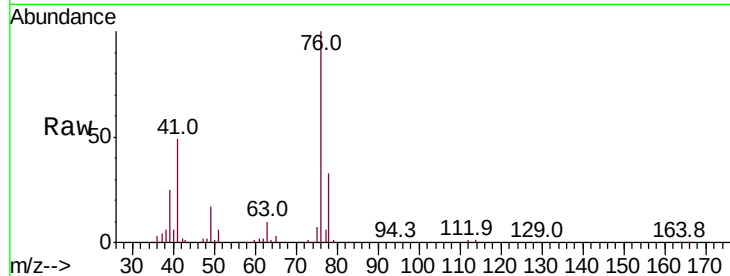
ClientSampleId :

Tot Ion: 76 Resp: 158561

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 279.215 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067571.D

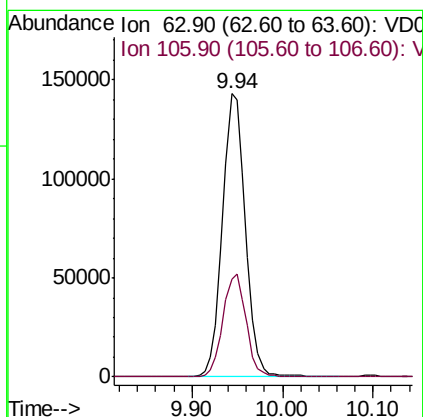
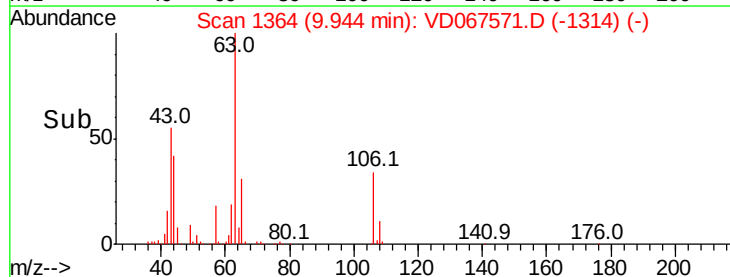
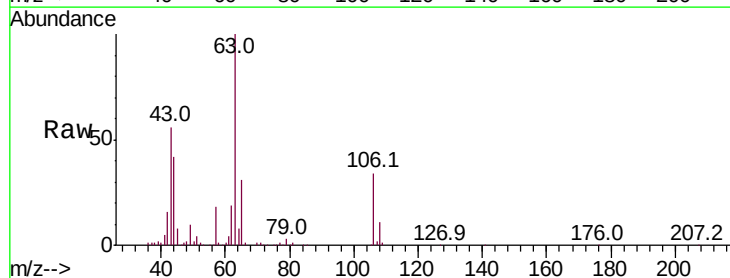
Acq: 09 Nov 2020 17:39

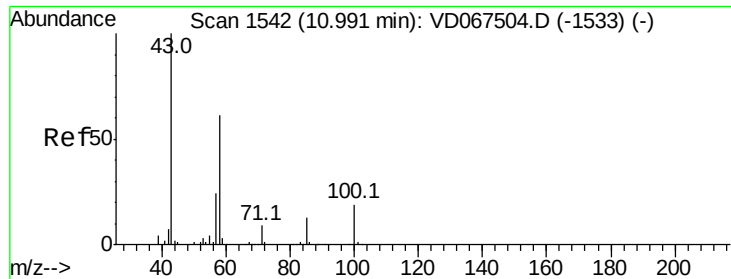
Tgt Ion: 63 Resp: 251288

Ion Ratio Lower Upper

63 100

106 36.6 29.2 43.8

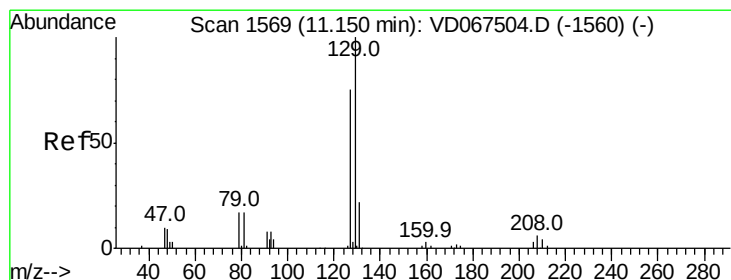
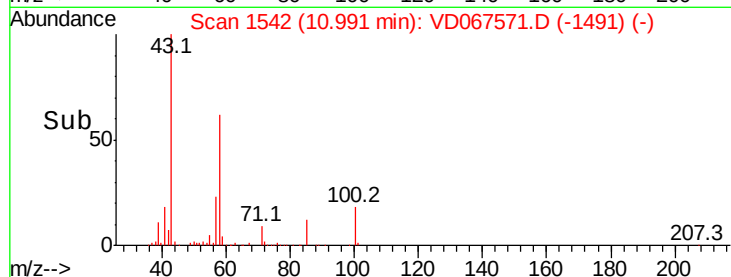
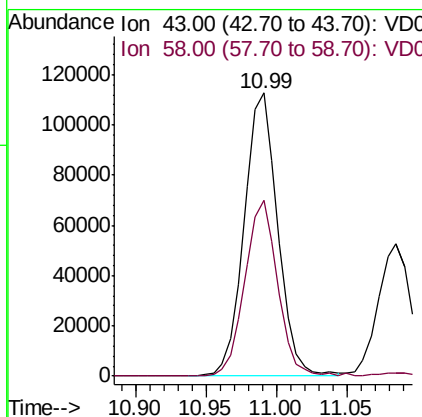
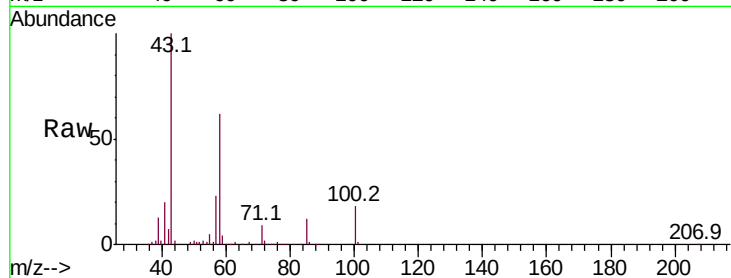




#59
2-Hexanone
Concen: 288.724 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

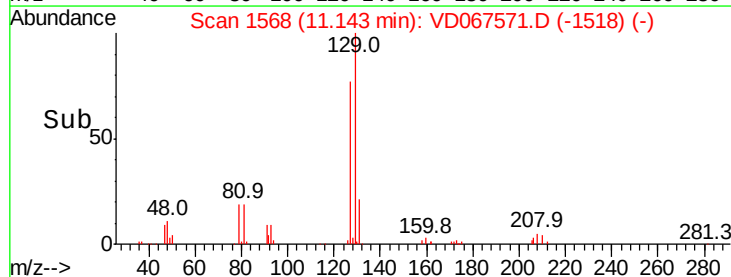
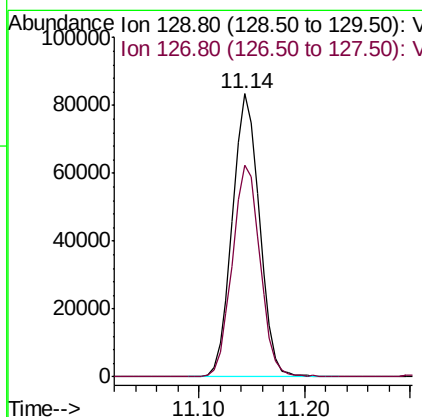
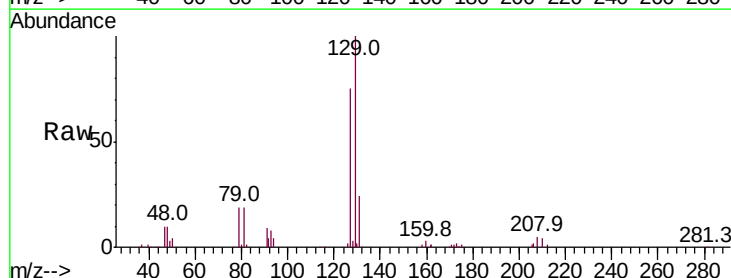
Instrument :
MSVOA_D
ClientSampleId :

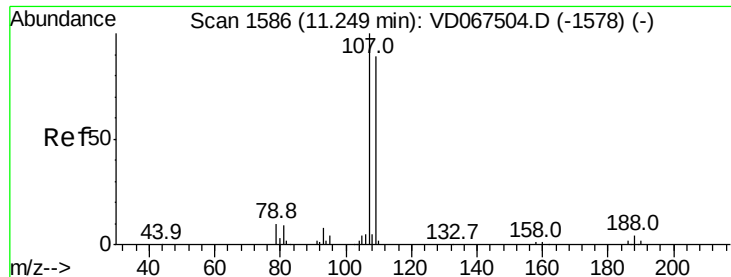
Tot Ion: 43 Resp: 188034
Ion Ratio Lower Upper
43 100
58 61.0 30.3 90.9



#60
Dibromochloromethane
Concen: 53.544 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion: 129 Resp: 148027
Ion Ratio Lower Upper
129 100
127 76.6 38.0 114.1

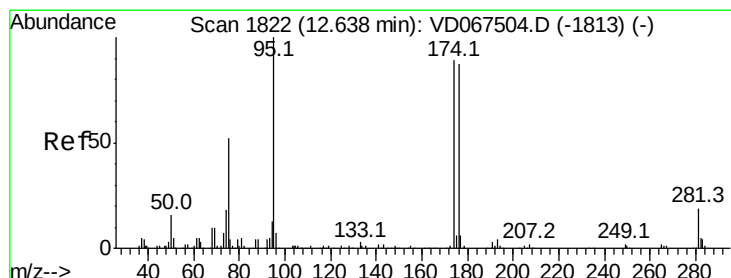
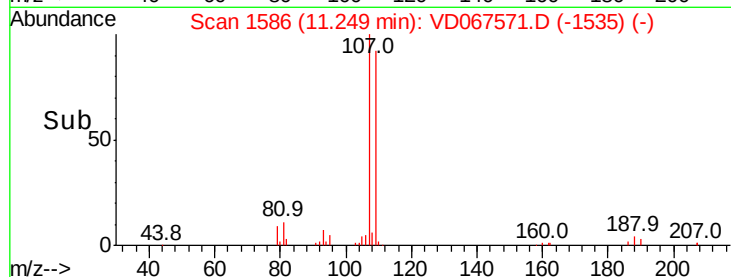
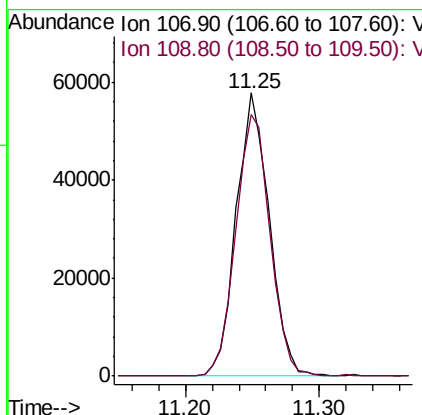
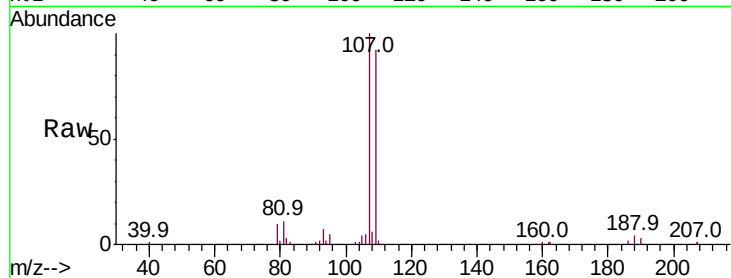




#61
 1,2-Dibromoethane
 Concen: 52.822 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

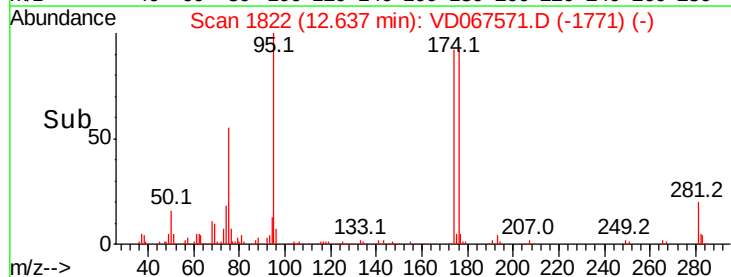
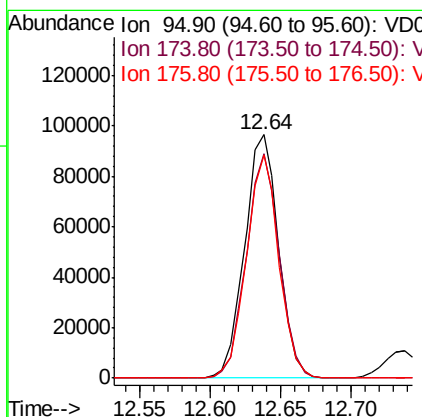
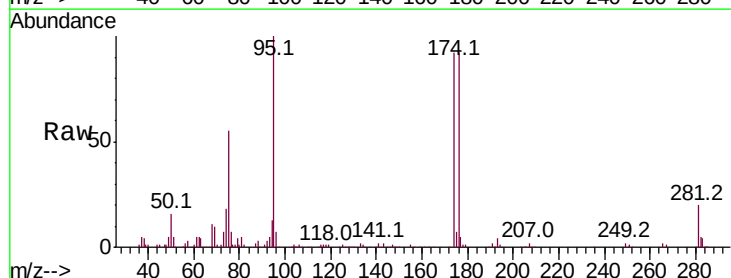
Instrument :
 MSVOA_D
 ClientSampleId :

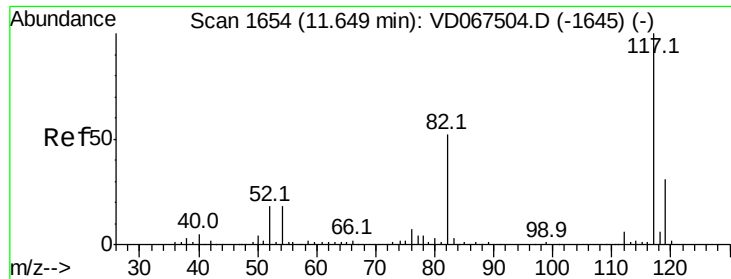
Tot Ion:107 Resp: 99077
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 50.162 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Tgt Ion: 95 Resp: 162489
 Ion Ratio Lower Upper
 95 100
 174 90.0 0.0 177.8
 176 87.9 0.0 172.0

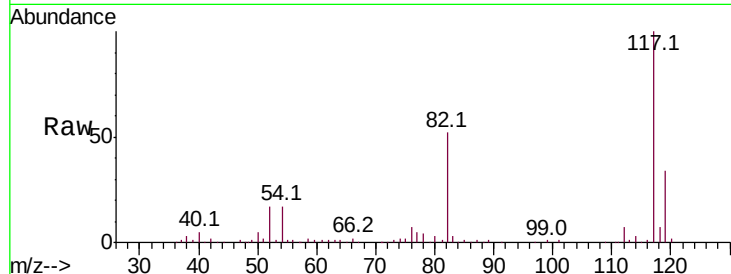




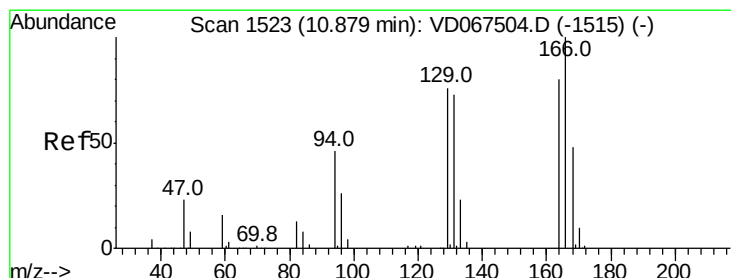
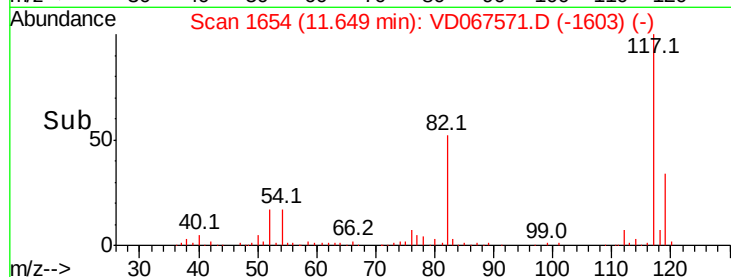
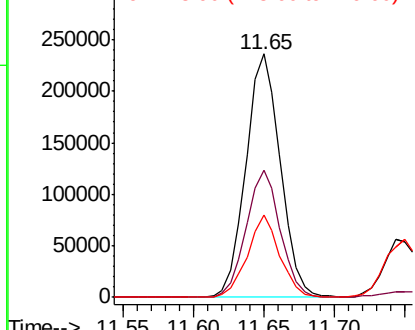
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 404989
Ion Ratio Lower Upper
117 100
82 52.0 41.6 62.4
119 33.7 25.1 37.7

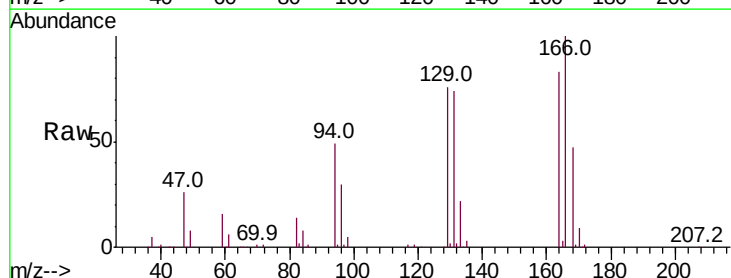


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

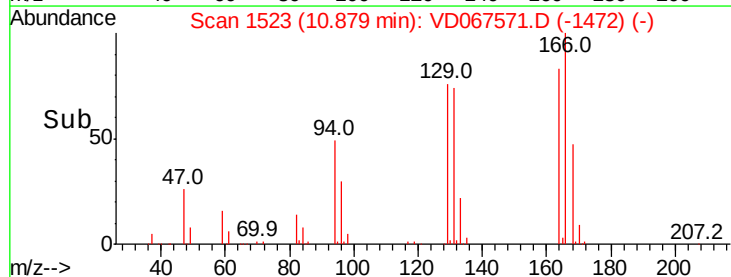
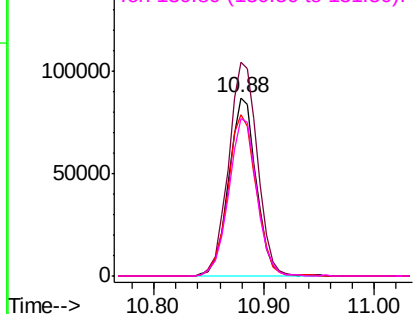


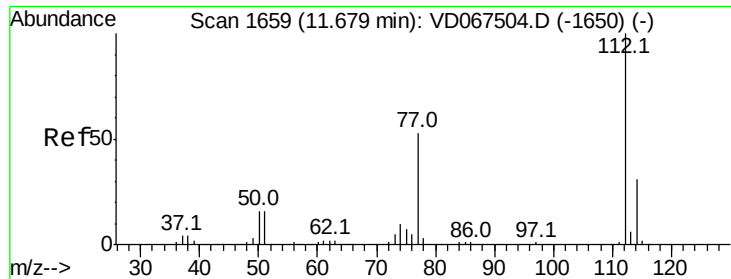
#64
Tetrachloroethene
Concen: 50.626 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion:164 Resp: 151845
Ion Ratio Lower Upper
164 100
166 119.9 99.9 149.9
129 90.6 75.5 113.3
131 88.6 73.4 110.0



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

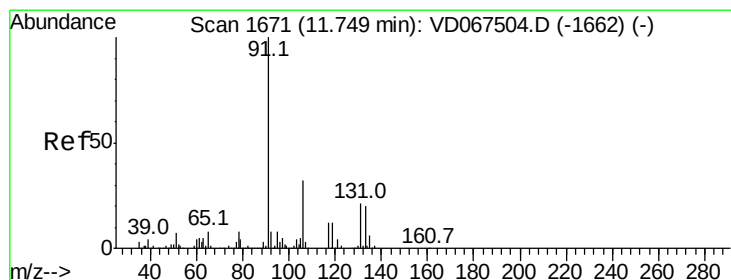
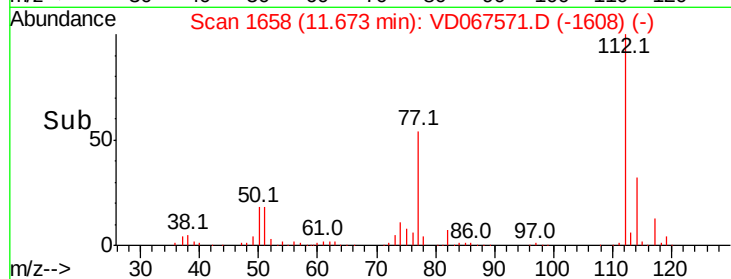
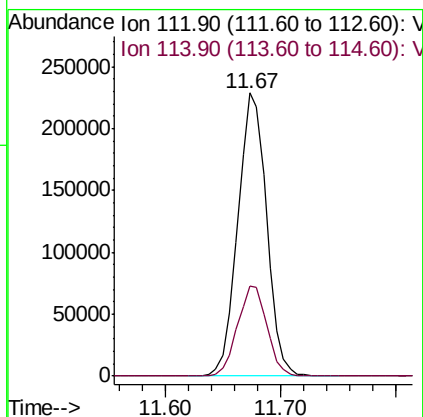
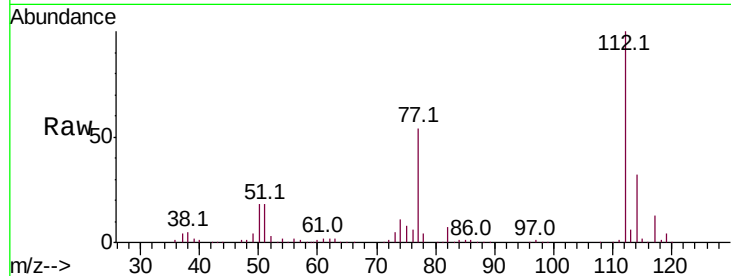




#65
Chlorobenzene
Concen: 50.613 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

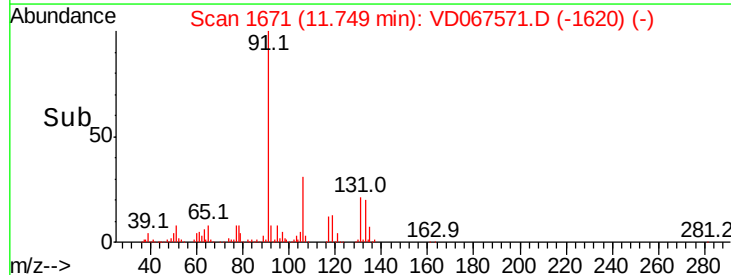
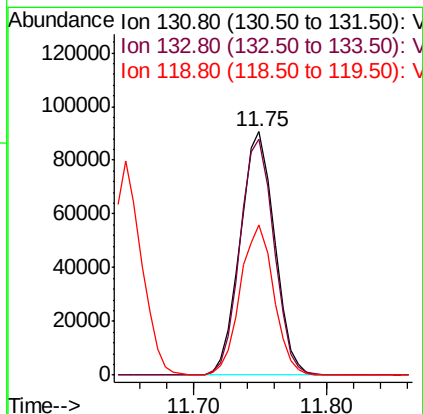
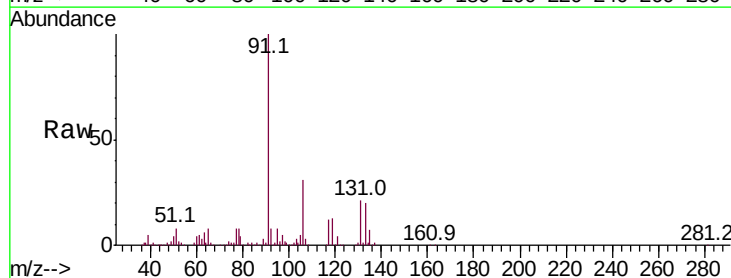
Instrument :
MSVOA_D
ClientSampled :

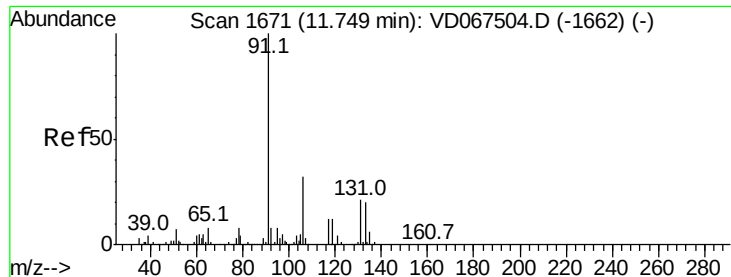
Tot Ion:112 Resp: 394841
Ion Ratio Lower Upper
112 100
114 31.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.675 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion:131 Resp: 161959
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 60.4 30.1 90.5





#67

Ethyl Benzene

Concen: 52.362 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

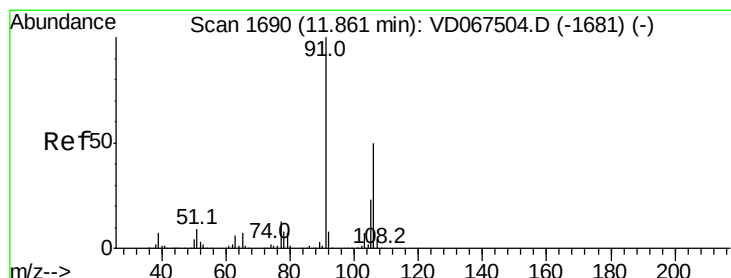
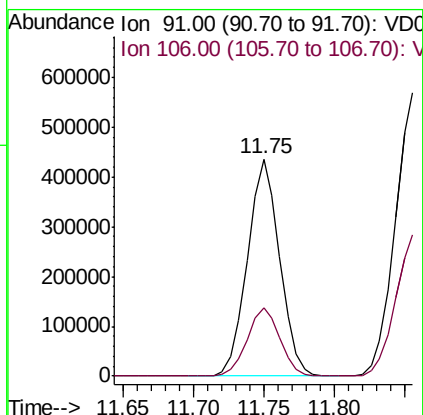
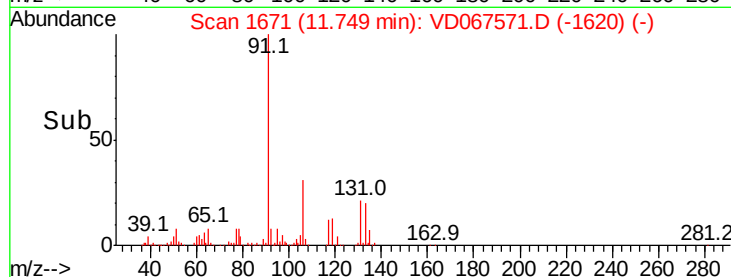
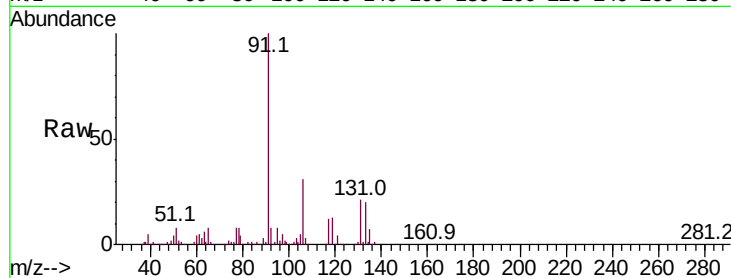
ClientSampleId :

Tot Ion: 91 Resp: 699002

Ion Ratio Lower Upper

91 100

106 31.3 25.7 38.5



#68

m/p-Xylenes

Concen: 105.282 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067571.D

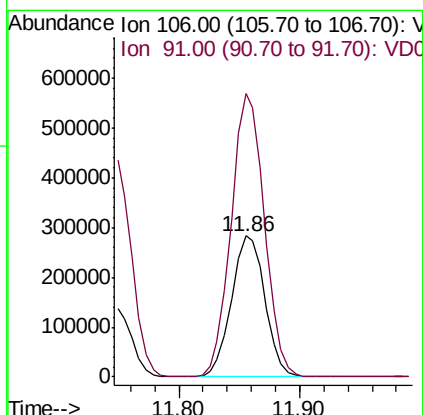
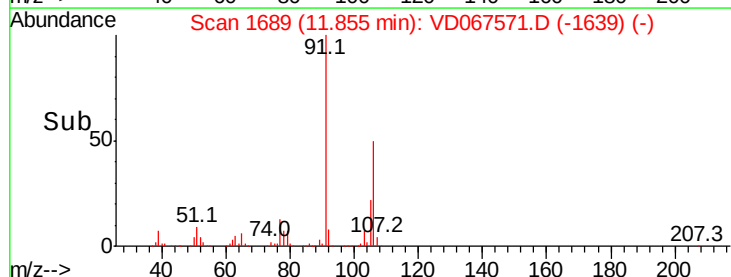
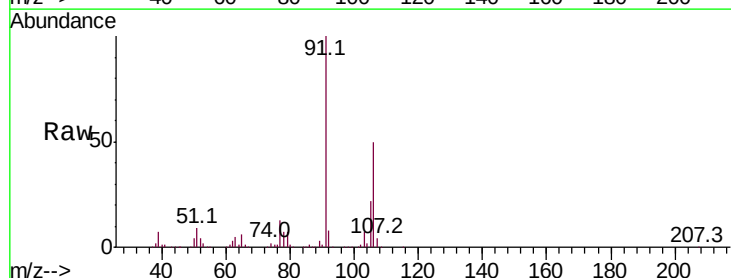
Acq: 09 Nov 2020 17:39

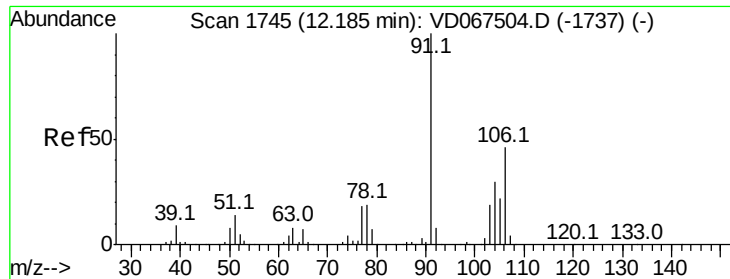
Tgt Ion: 106 Resp: 546783

Ion Ratio Lower Upper

106 100

91 199.7 162.6 244.0

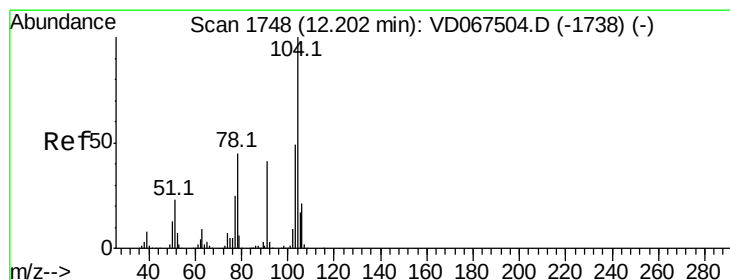
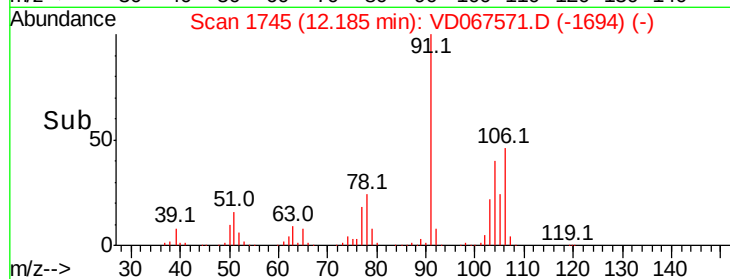
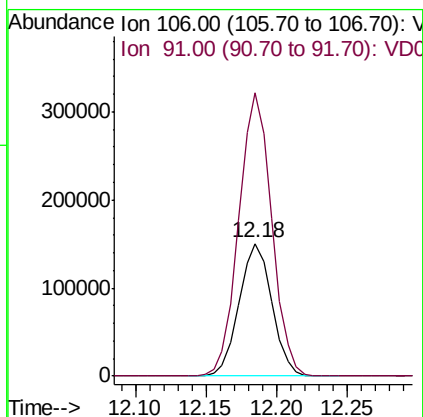
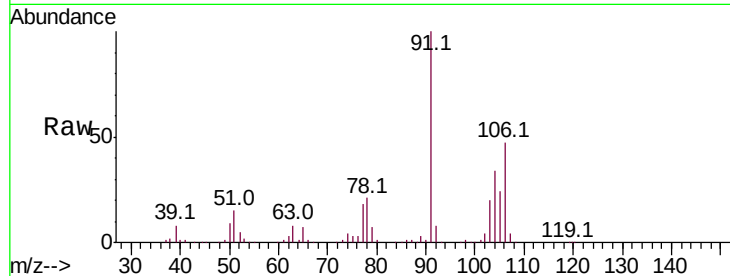




#69
o-Xylene
Concen: 52.992 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

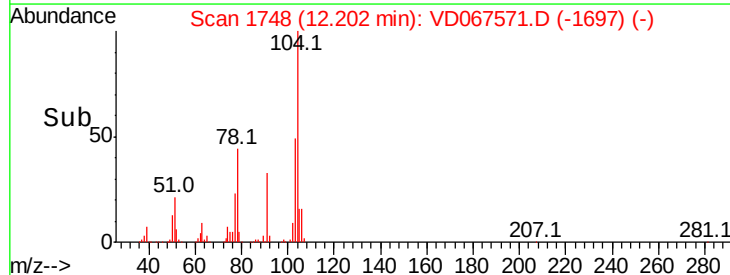
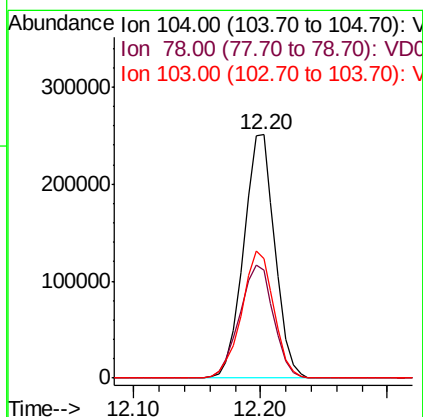
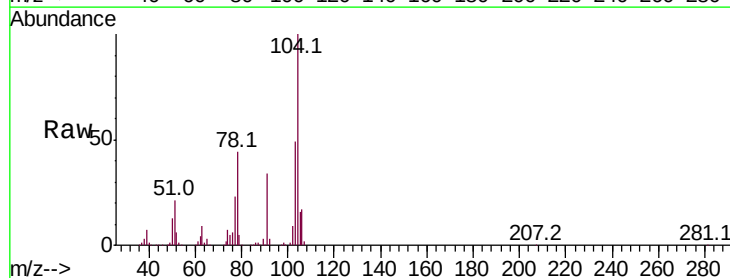
Instrument :
MSVOA_D
ClientSampleId :

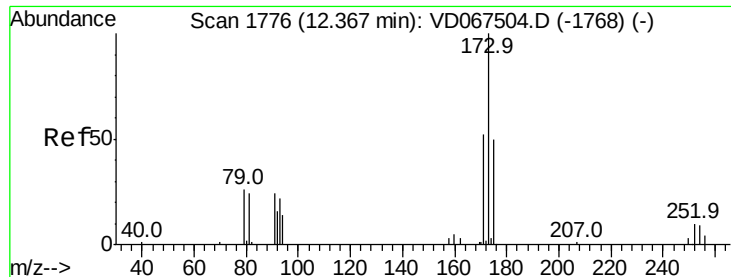
Tot Ion:106 Resp: 245716
Ion Ratio Lower Upper
106 100
91 213.1 107.1 321.1



#70
Styrene
Concen: 53.057 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion:104 Resp: 428696
Ion Ratio Lower Upper
104 100
78 50.6 39.8 59.8
103 54.1 43.9 65.9





#71

Bromoform

Concen: 55.550 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampleId :

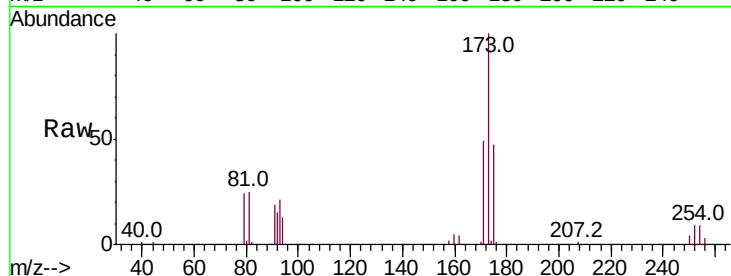
Tot Ion:173 Resp: 87109

Ion Ratio Lower Upper

173 100

175 47.2 24.1 72.2

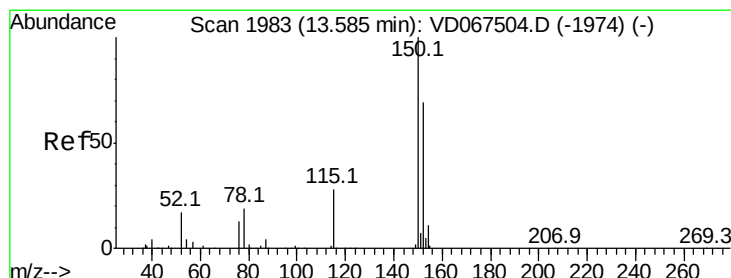
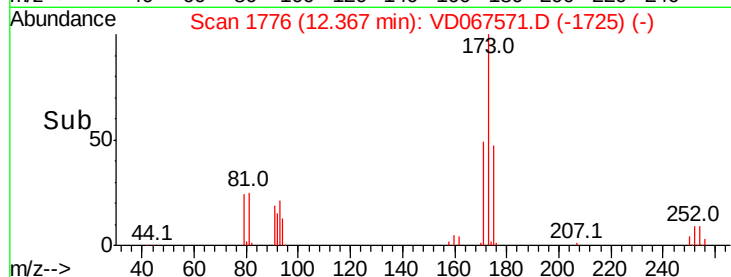
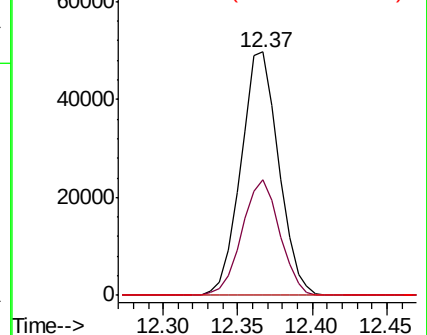
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

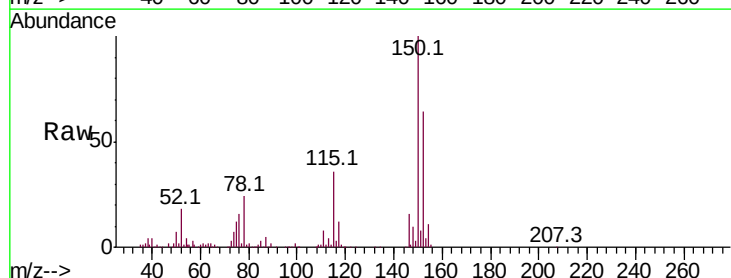
Tgt Ion:152 Resp: 207106

Ion Ratio Lower Upper

152 100

115 59.5 29.3 88.0

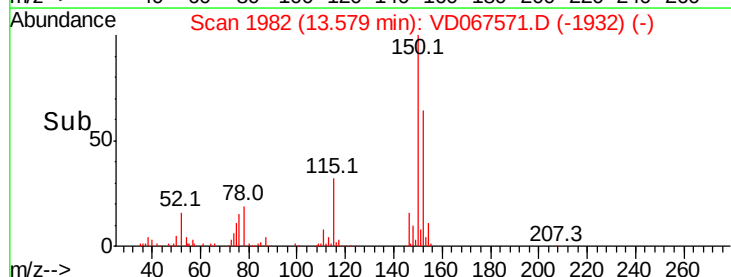
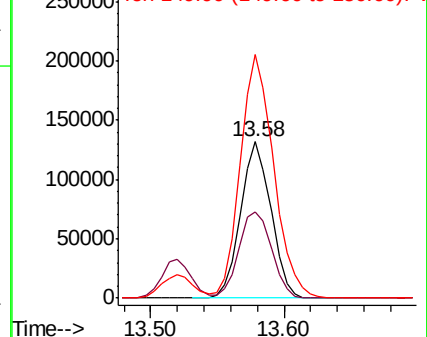
150 171.4 0.0 338.2

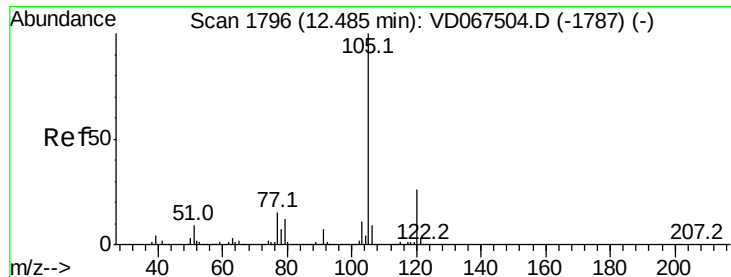


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.916 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

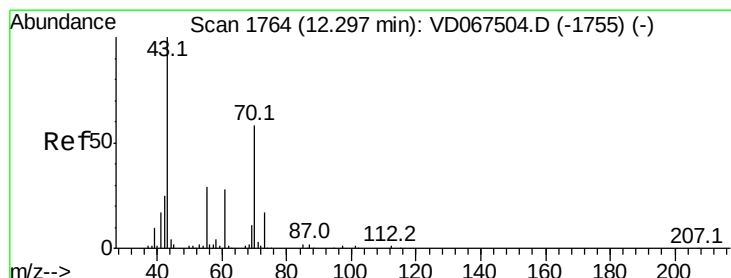
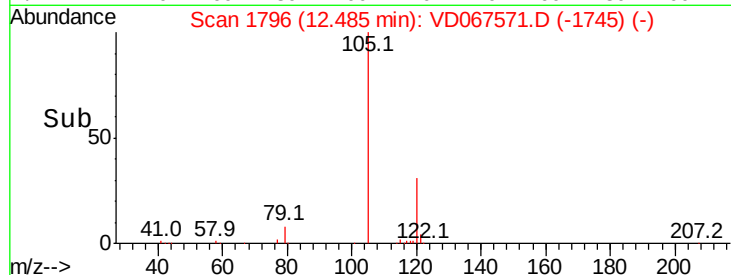
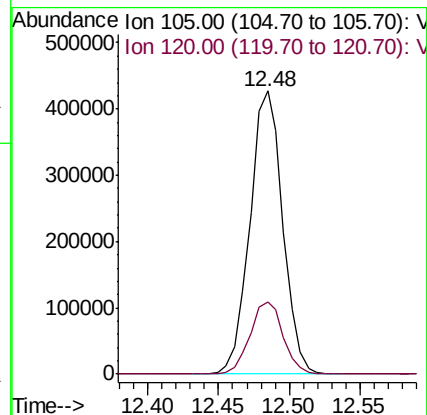
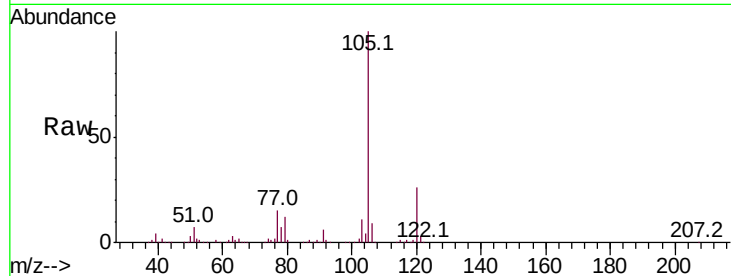
ClientSampleId :

Tot Ion:105 Resp: 694896

Ion Ratio Lower Upper

105 100

120 25.7 13.2 39.6



#74

N-ethyl acetate

Concen: 54.802 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Tgt Ion: 43 Resp: 96520

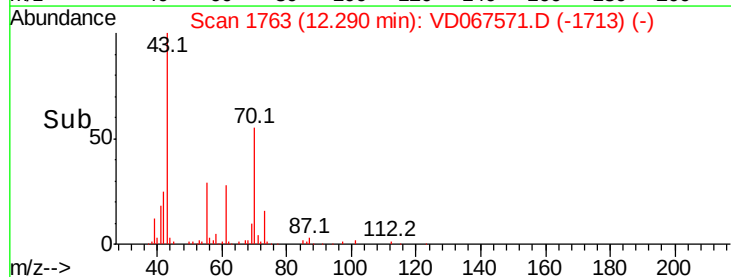
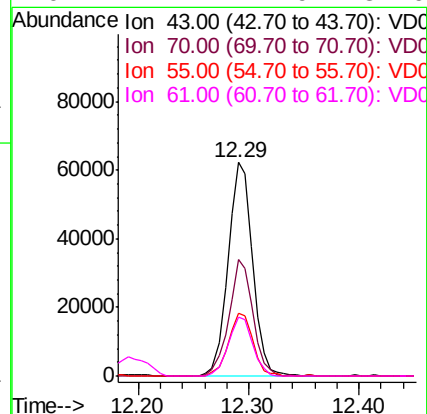
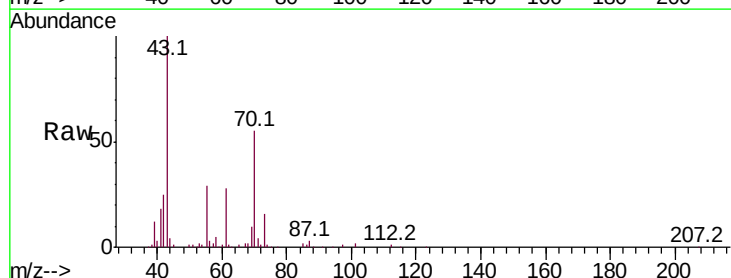
Ion Ratio Lower Upper

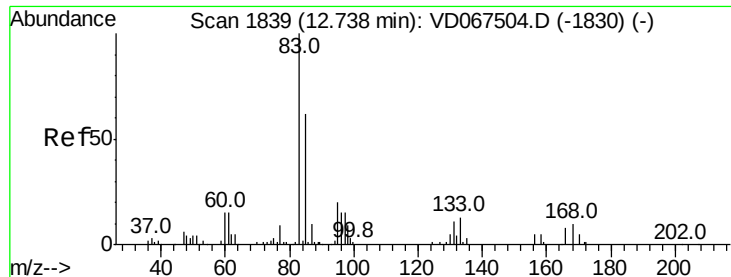
43 100

70 53.0 42.6 64.0

55 29.3 23.7 35.5

61 27.4 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.229 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampleId :

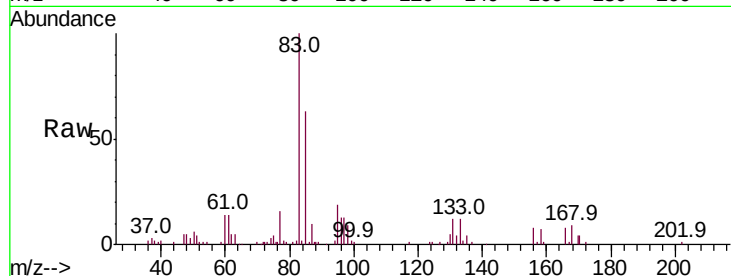
Tot Ion: 83 Resp: 97153

Ion Ratio Lower Upper

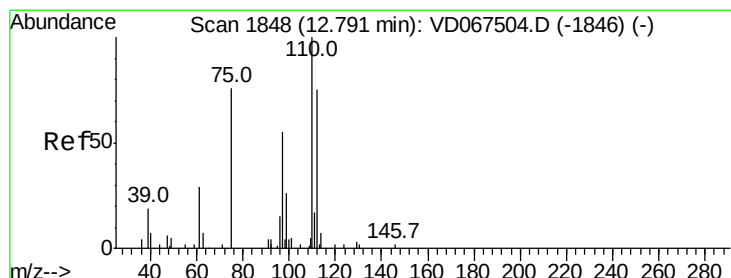
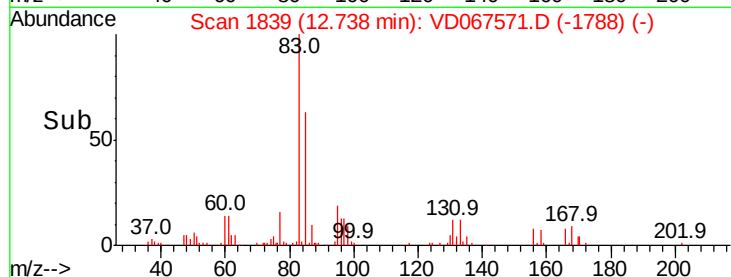
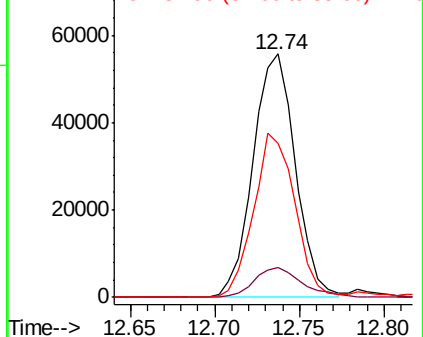
83 100

131 13.8 7.1 21.3

85 65.6 32.9 98.7



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: 107.855 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD067571.D

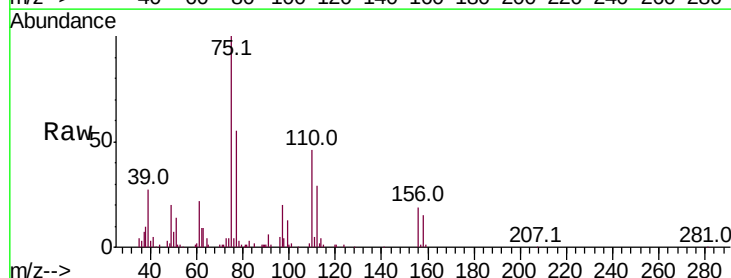
Acq: 09 Nov 2020 17:39

Tgt Ion: 75 Resp: 134752

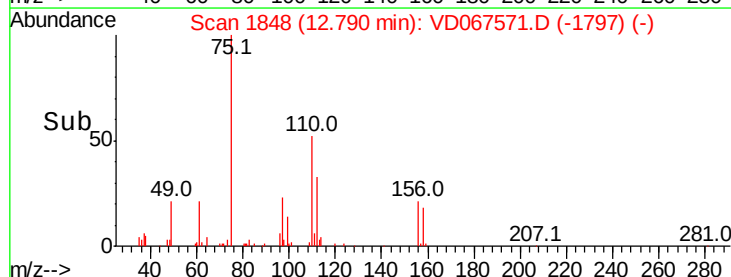
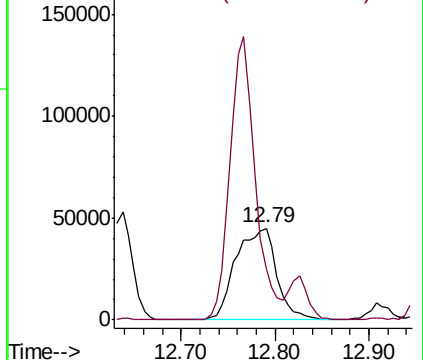
Ion Ratio Lower Upper

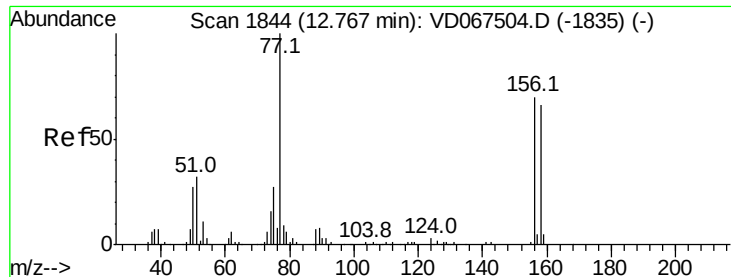
75 100

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: 53.028 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampleId :

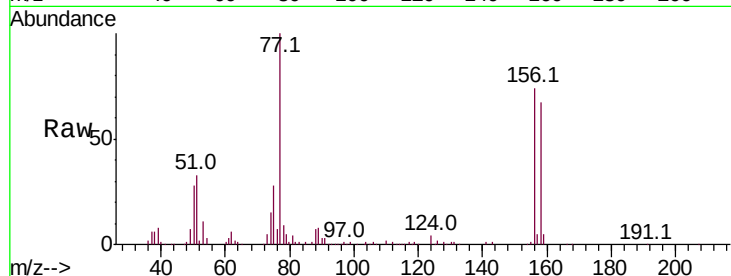
Tot Ion:156 Resp: 174312

Ion Ratio Lower Upper

156 100

77 149.8 77.8 233.5

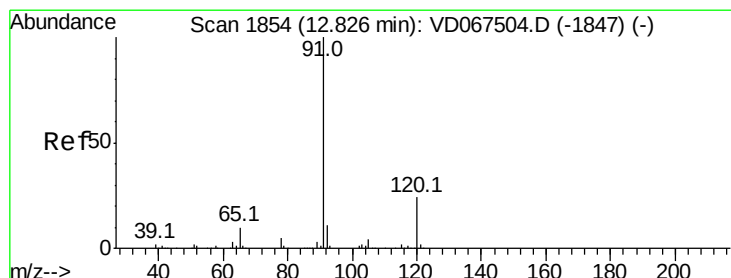
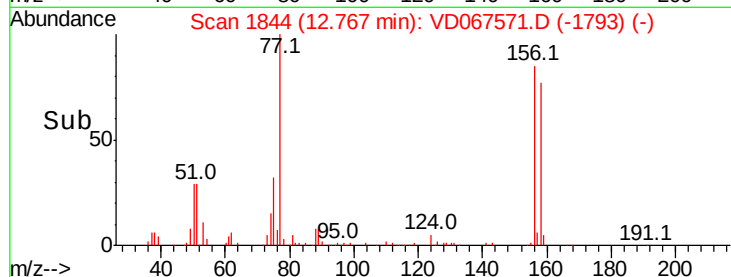
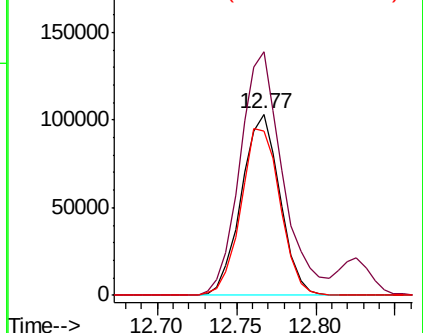
158 93.8 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.446 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067571.D

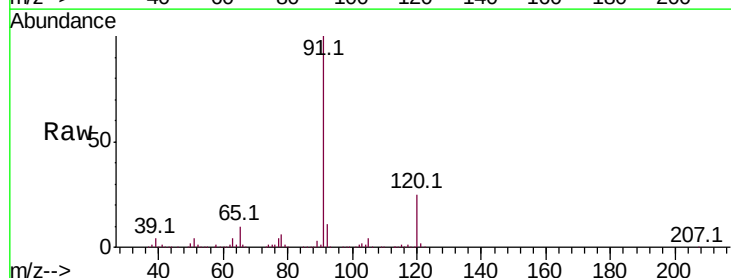
Acq: 09 Nov 2020 17:39

Tgt Ion: 91 Resp: 787642

Ion Ratio Lower Upper

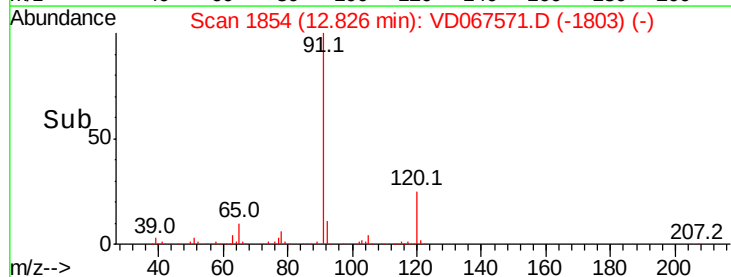
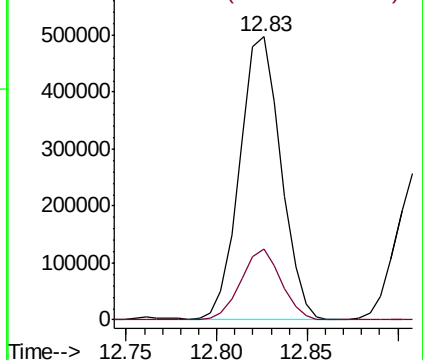
91 100

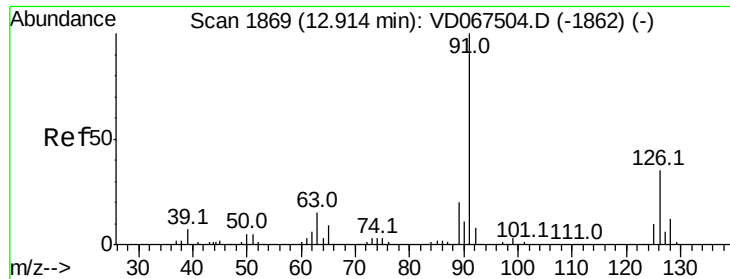
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.938 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

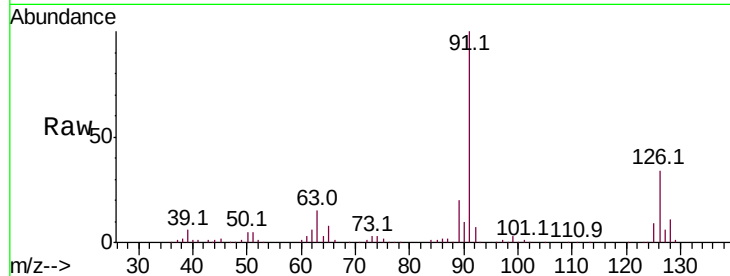
ClientSampled :

Tot Ion: 91 Resp: 451692

Ion Ratio Lower Upper

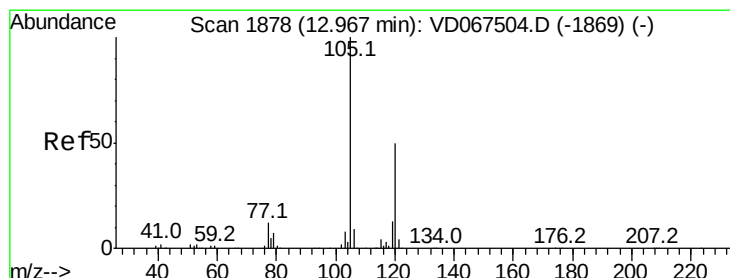
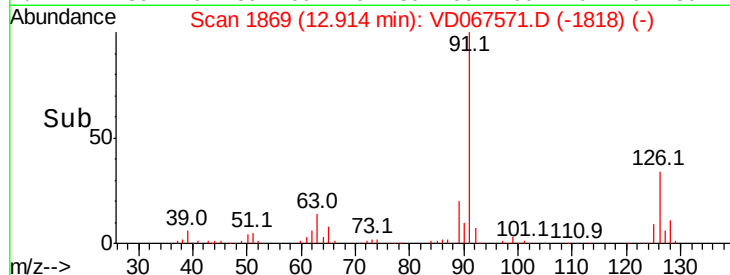
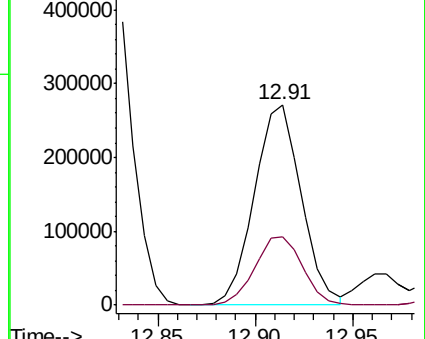
91 100

126 34.9 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.669 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067571.D

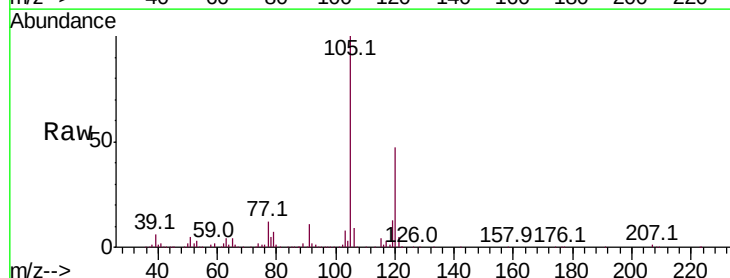
Acq: 09 Nov 2020 17:39

Tgt Ion:105 Resp: 602213

Ion Ratio Lower Upper

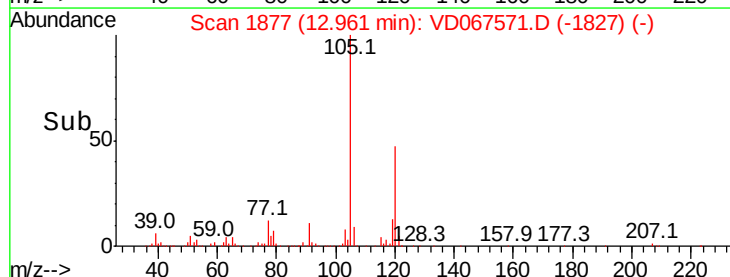
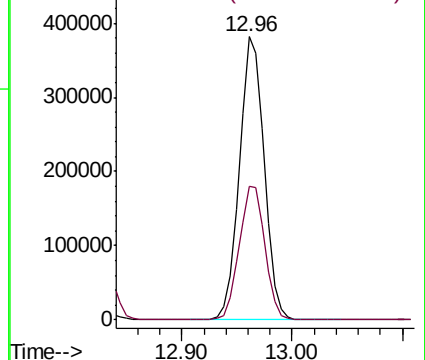
105 100

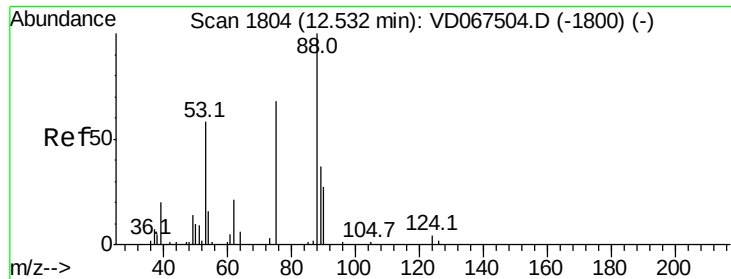
120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

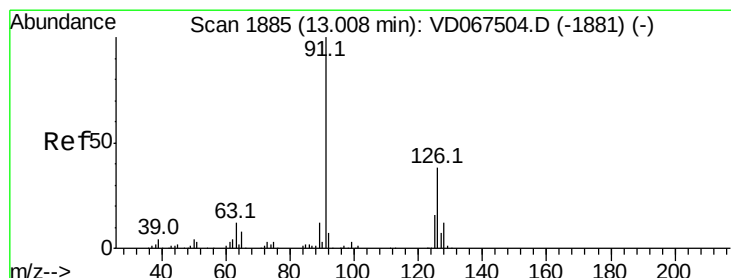
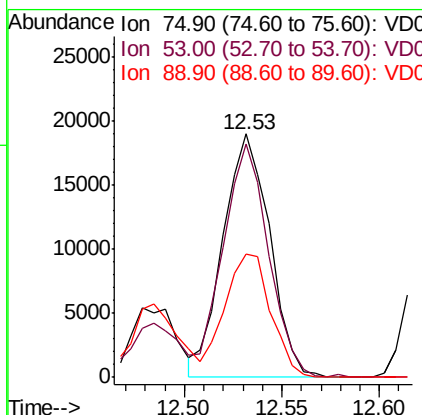
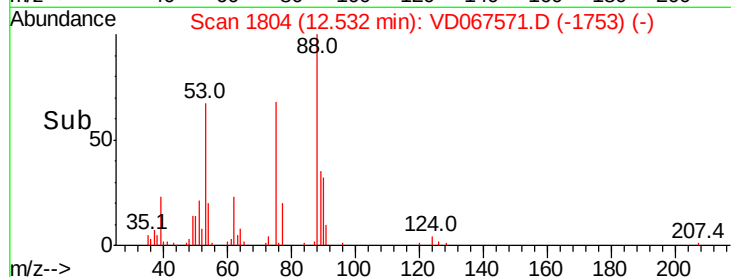
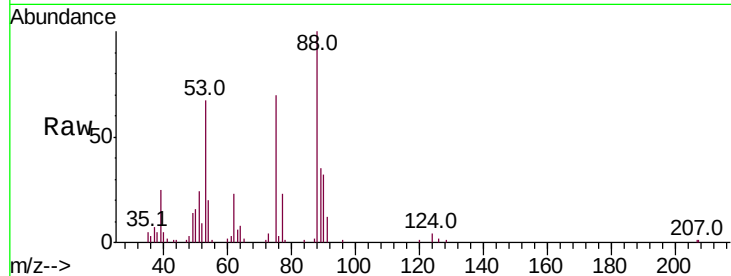




#81
trans-1,4-Dichloro-2-butene
Concen: 51.006 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

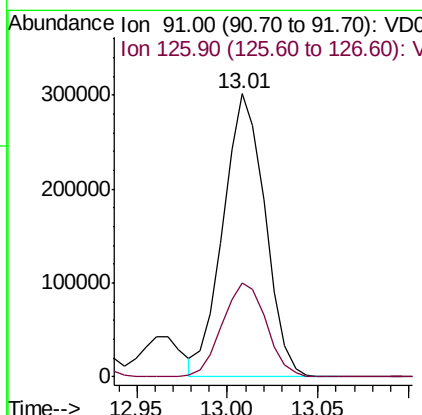
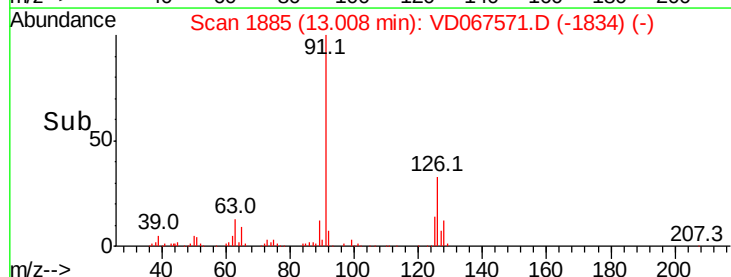
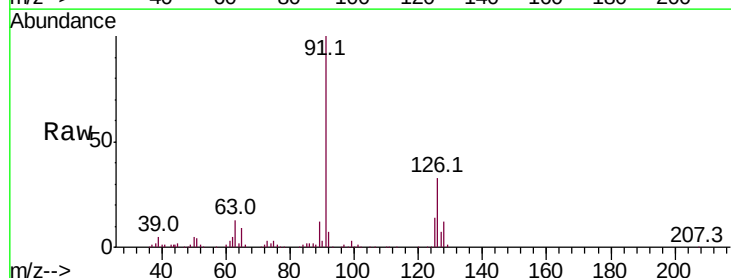
Instrument :
MSVOA_D
ClientSampled :

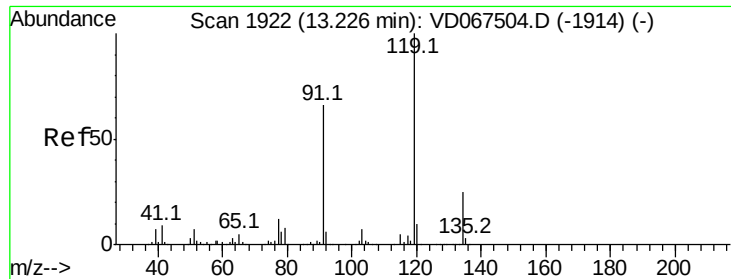
Tot Ion: 75 Resp: 31388
Ion Ratio Lower Upper
75 100
53 93.9 75.9 113.9
89 49.8 44.6 67.0



#82
4-Chlorotoluene
Concen: 51.805 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion: 91 Resp: 483204
Ion Ratio Lower Upper
91 100
126 35.0 17.9 53.7

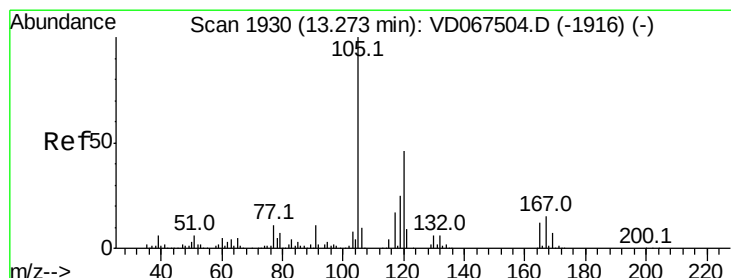
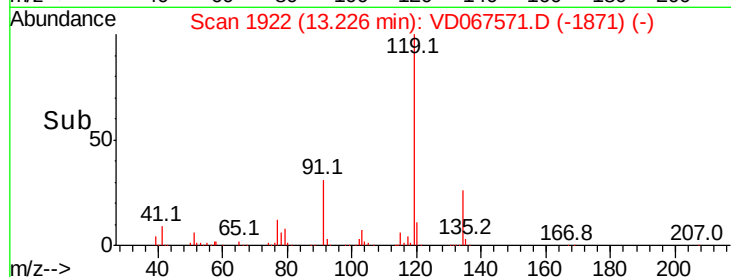
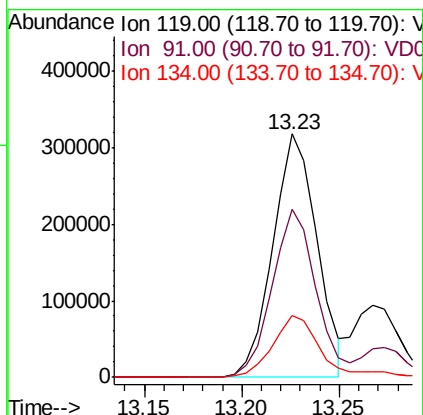
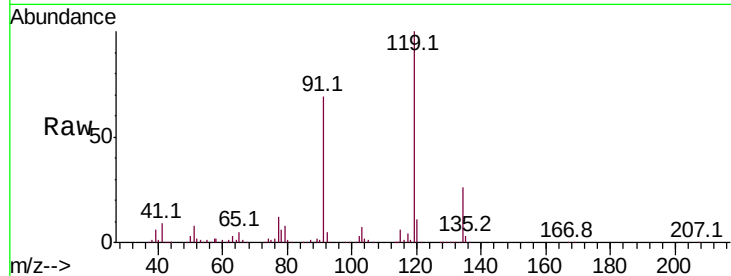




#83
 tert-Butylbenzene
 Concen: 51.447 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

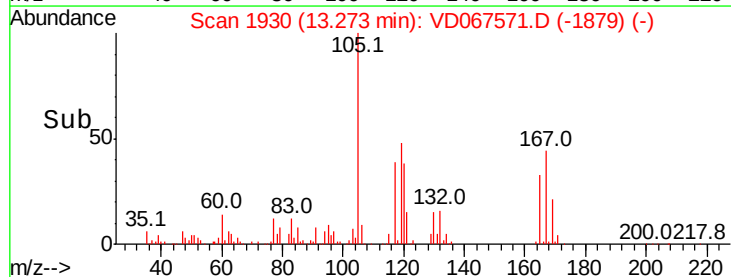
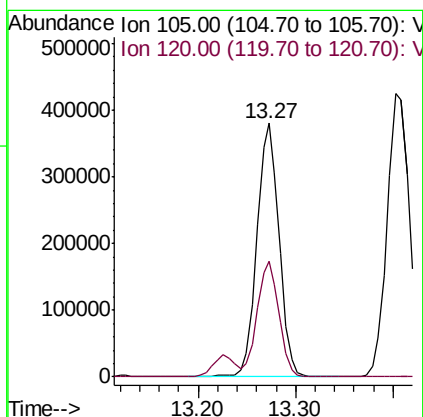
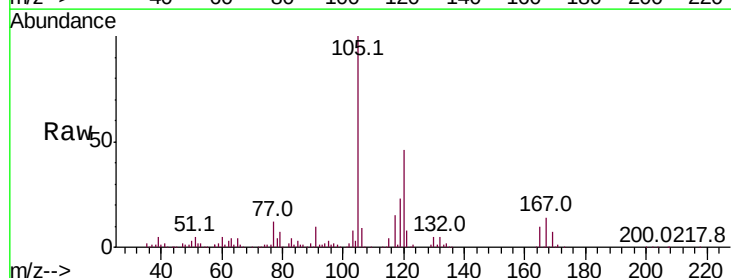
Instrument :
 MSVOA_D
 ClientSampleId :

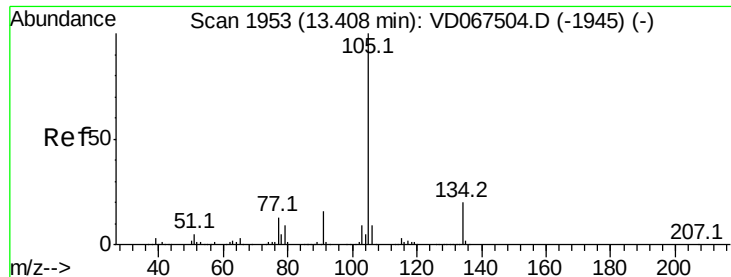
Tot Ion:119 Resp: 498549
 Ion Ratio Lower Upper
 119 100
 91 68.7 32.7 98.1
 134 27.6 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 53.539 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Tgt Ion:105 Resp: 609353
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 51.835 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

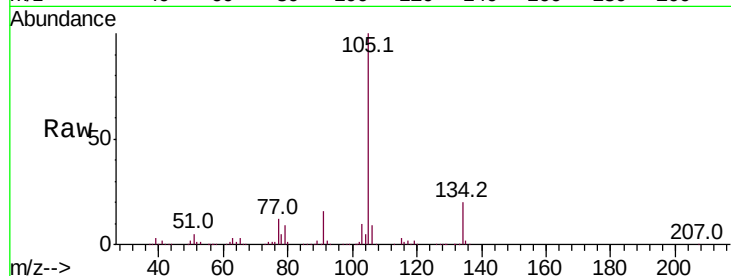
ClientSampled :

Tot Ion:105 Resp: 678087

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

400000

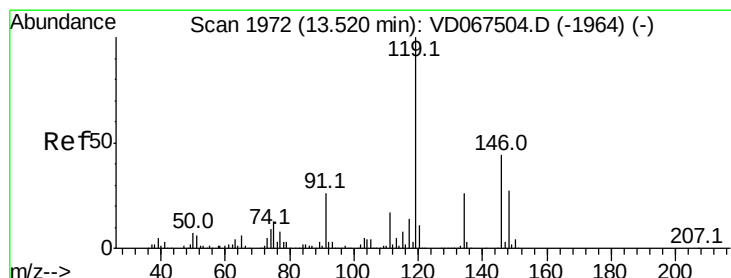
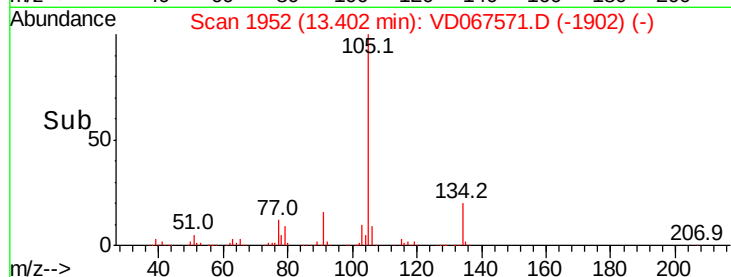
300000

200000

100000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 51.503 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

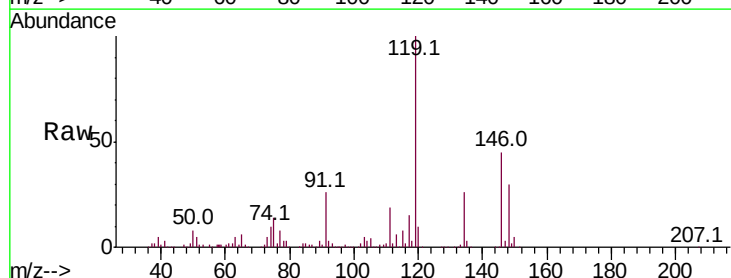
Tgt Ion:119 Resp: 650615

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.4 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

400000

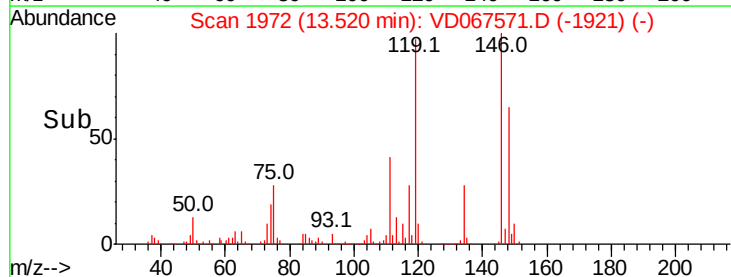
300000

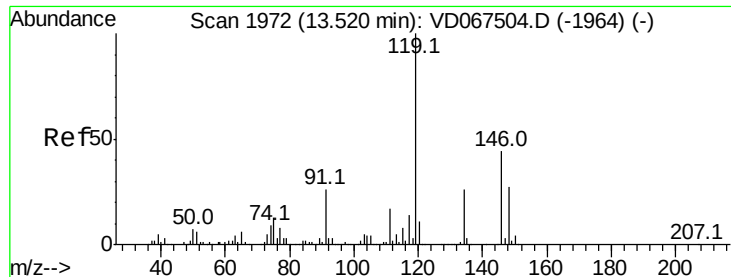
200000

100000

0

Time--> 13.50 13.60

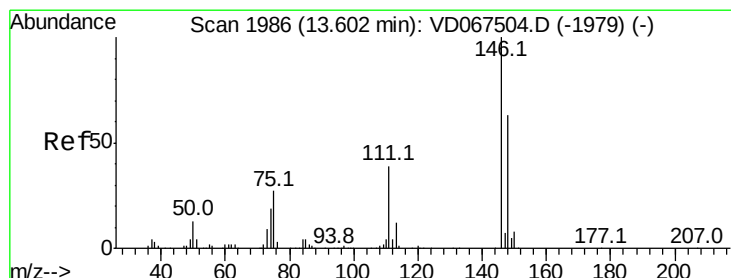
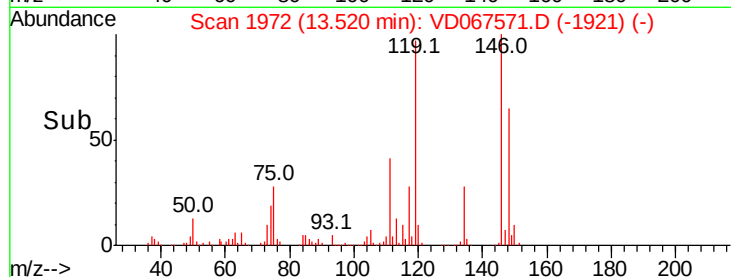
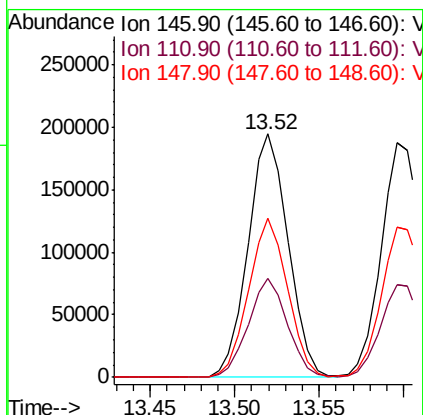
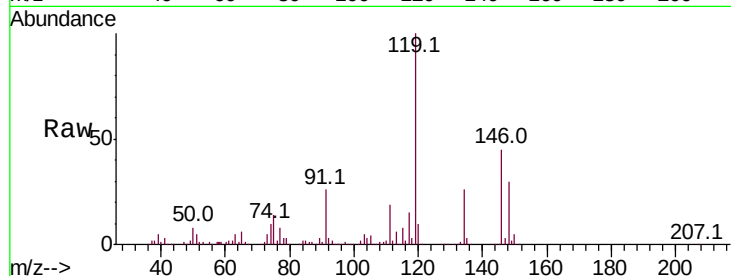




#87
 1,3-Dichlorobenzene
 Concen: 51.238 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

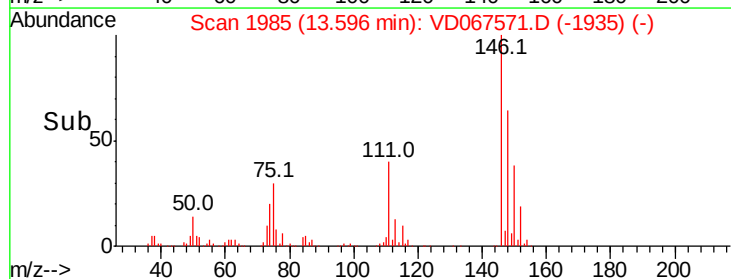
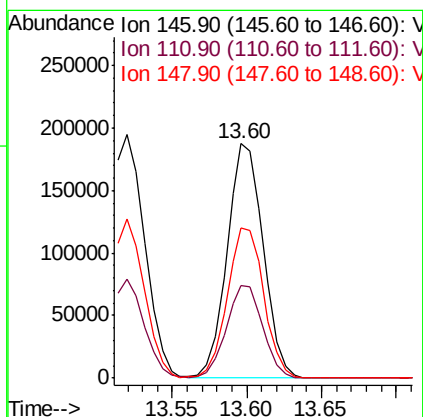
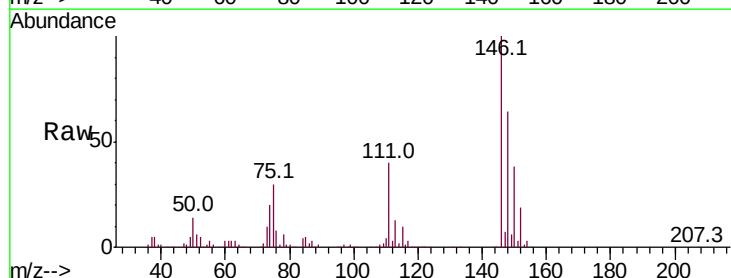
Instrument :
 MSVOA_D
 ClientSampleId :

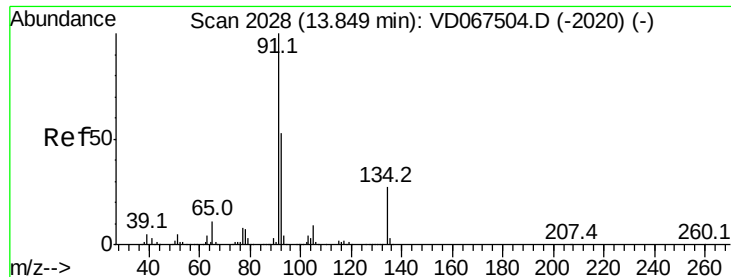
Tot Ion:146 Resp: 321383
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.8
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.720 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Tgt Ion:146 Resp: 315780
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.7
 148 64.9 31.8 95.4

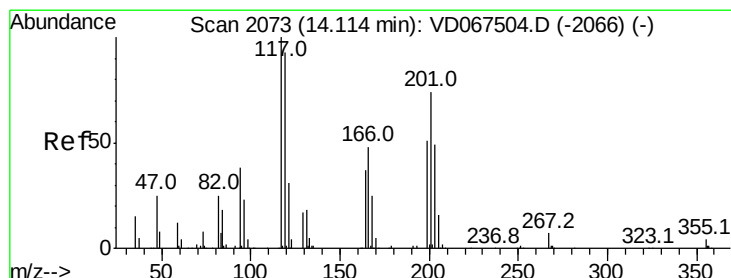
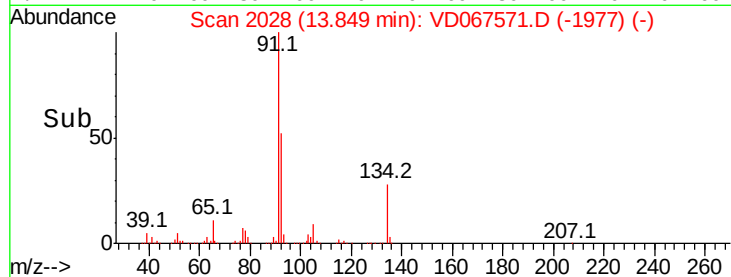
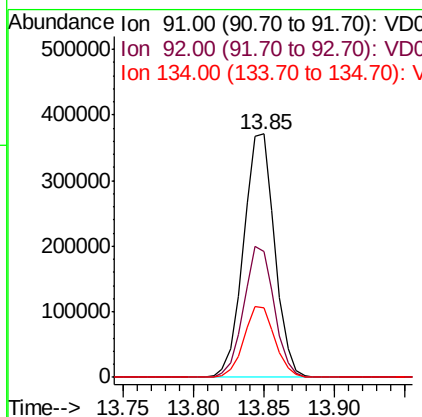
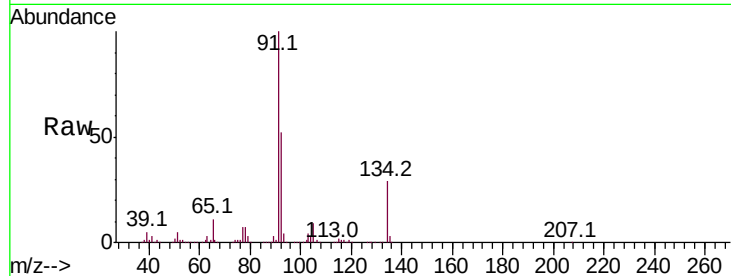




#89
n-Butylbenzene
Concen: 52.473 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

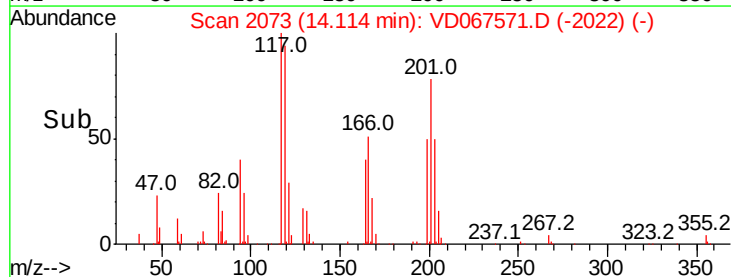
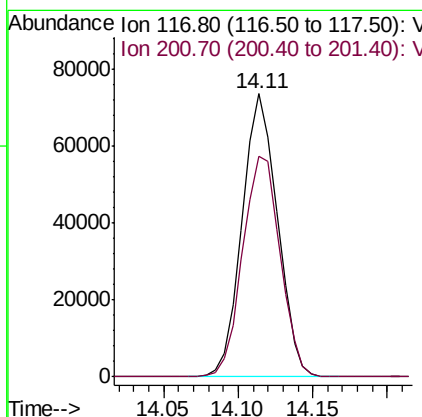
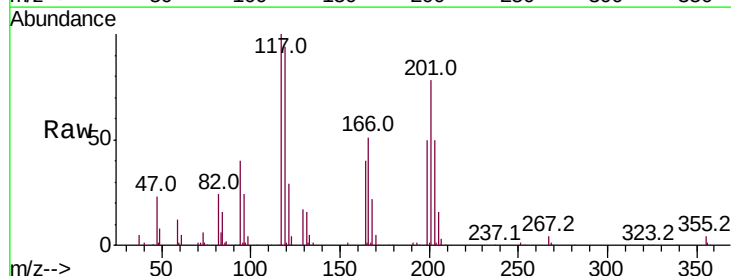
Instrument :
MSVOA_D
ClientSampled :

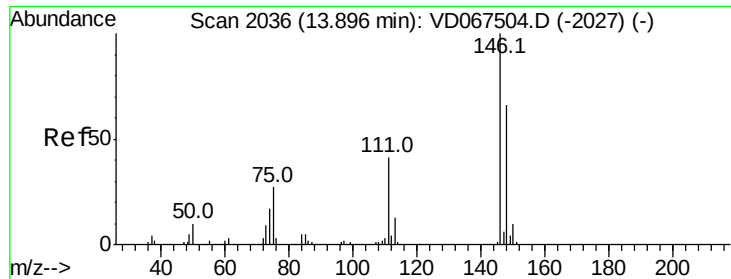
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.8
134	28.9	14.1	42.2



#90
Hexachloroethane
Concen: 50.624 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067571.D
Acq: 09 Nov 2020 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.0	40.7	122.1

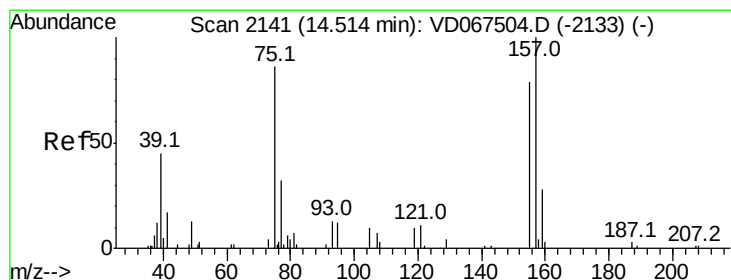
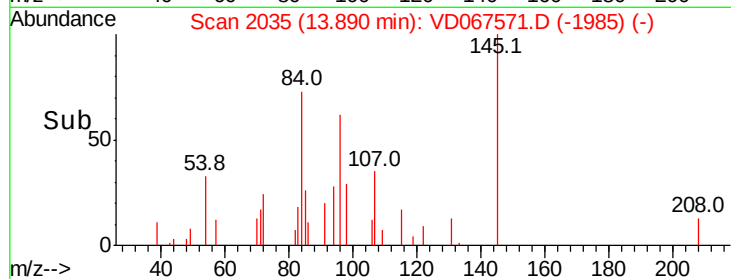
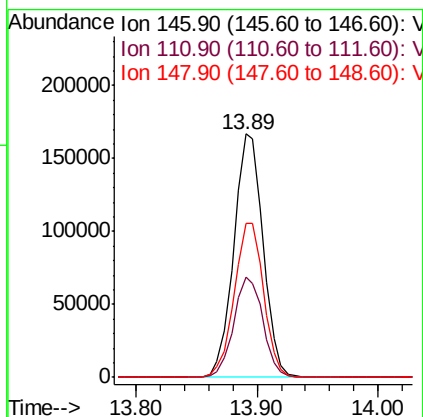
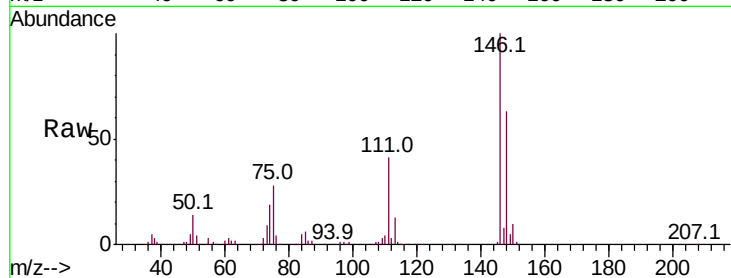




#91
 1,2-Dichlorobenzene
 Concen: 51.862 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

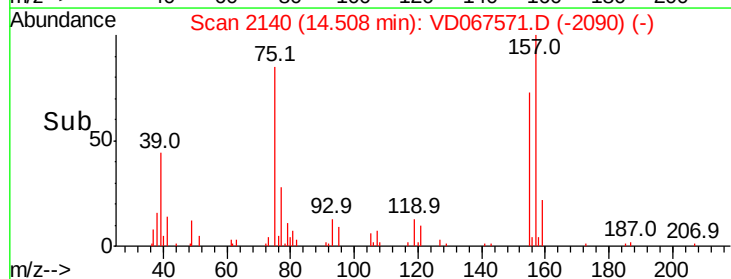
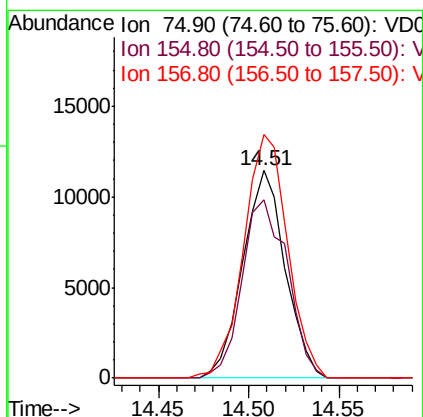
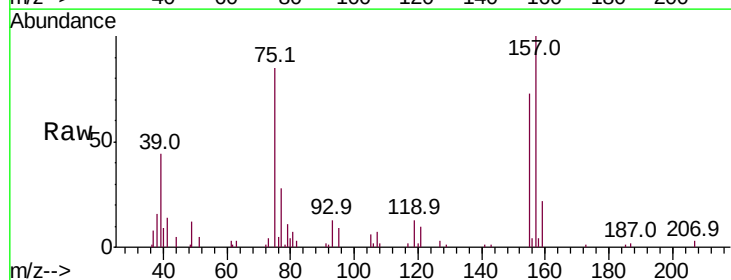
Instrument :
 MSVOA_D
 ClientSampled :

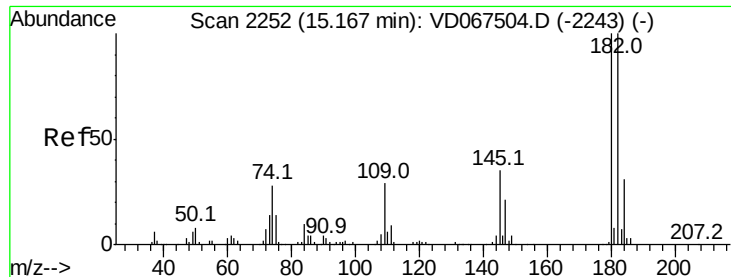
Tot Ion:146 Resp: 281533
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.7 62.1
 148 63.7 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.690 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Tgt Ion: 75 Resp: 18643
 Ion Ratio Lower Upper
 75 100
 155 91.7 46.6 139.8
 157 121.7 58.1 174.2

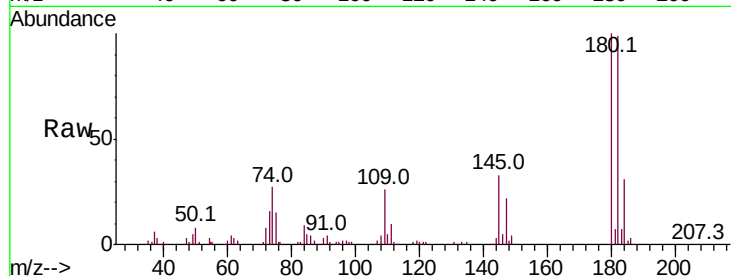




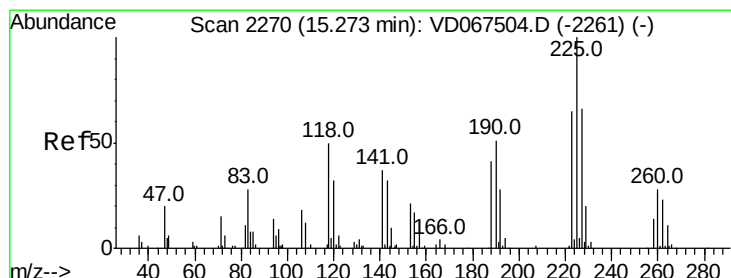
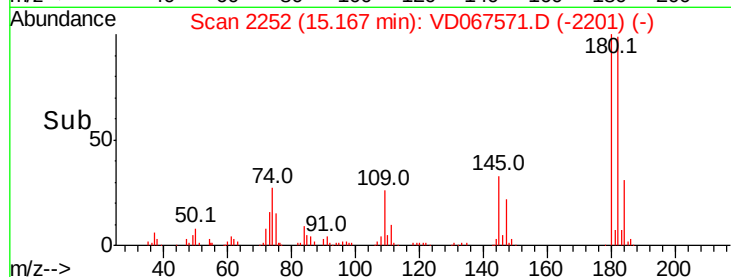
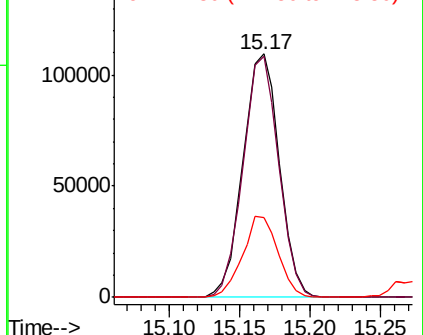
#93
 1,2,4-Trichlorobenzene
 Concen: 53.665 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.4	142.3
145	32.5	16.2	48.6

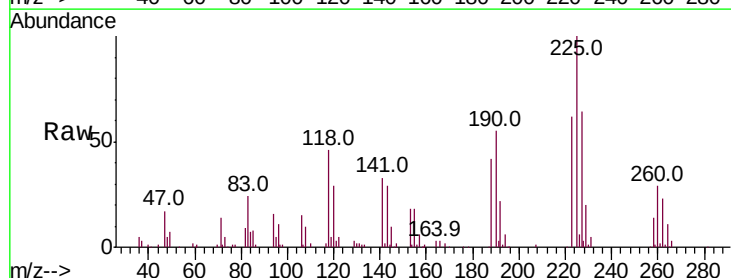


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

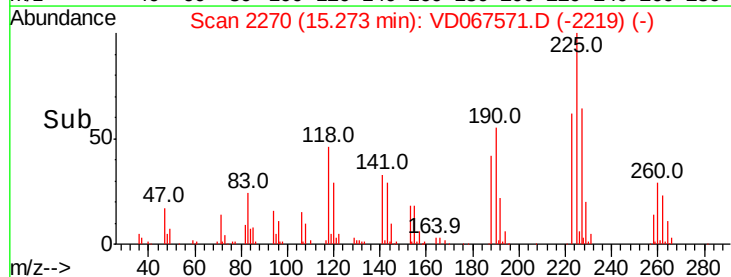
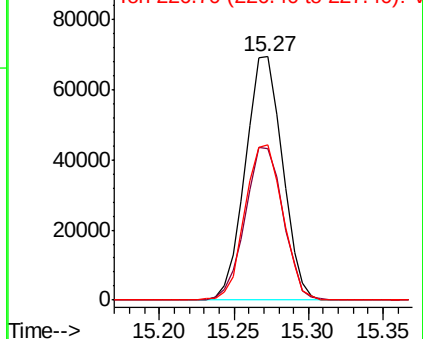


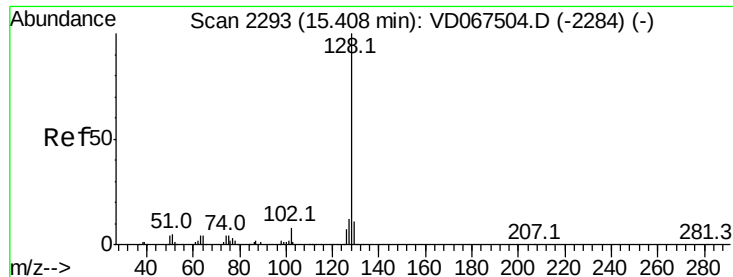
#94
 Hexachlorobutadiene
 Concen: 48.676 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067571.D
 Acq: 09 Nov 2020 17:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.9	95.5
227	64.5	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 57.859 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA_D

ClientSampled :

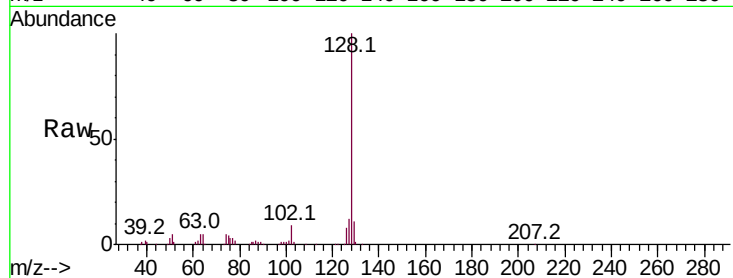
Tot Ion:128 Resp: 328987

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

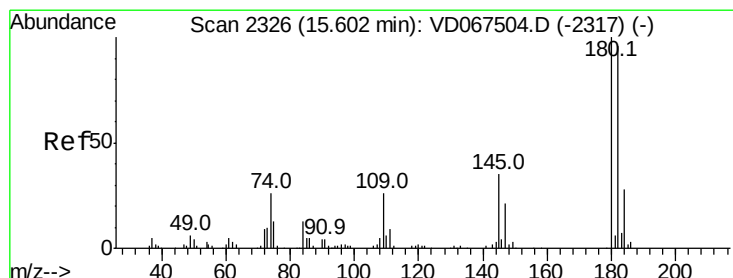
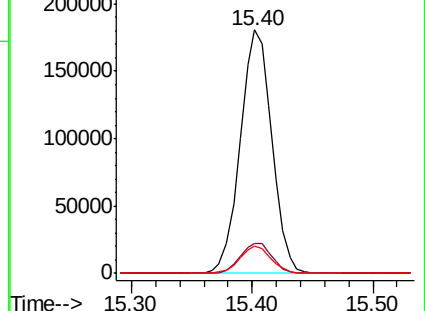
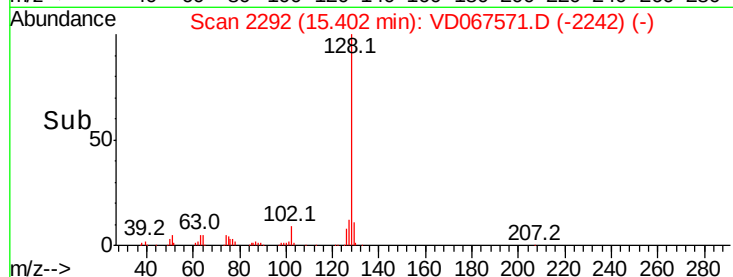
129 11.1 8.9 13.3



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: 54.121 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

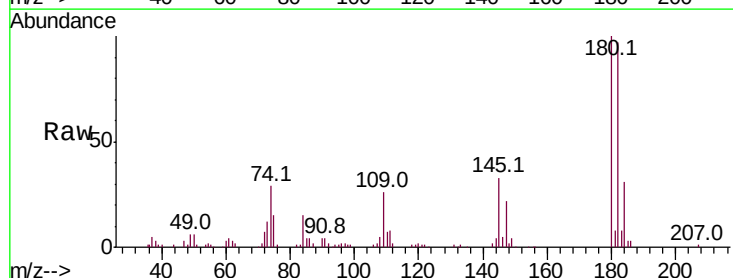
Tgt Ion:180 Resp: 170759

Ion Ratio Lower Upper

180 100

182 95.5 46.9 140.8

145 35.3 17.1 51.2



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

