

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067202.D
 Acq On : 08 Oct 2020 18:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 09 03:06:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	336670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	519596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	483953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247732	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	162779	50.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.40%	
35) Dibromofluoromethane	7.91	113	170337	50.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.14%	
50) Toluene-d8	10.34	98	606567	48.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.64	95	217153	51.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	152438	56.931	ug/l	96
3) Chloromethane	2.21	50	105356	39.295	ug/l	94
4) Vinyl Chloride	2.35	62	115101	42.814	ug/l	97
5) Bromomethane	2.77	94	91214	52.887	ug/l	96
6) Chloroethane	2.92	64	72741	44.429	ug/l	97
7) Trichlorofluoromethane	3.27	101	275669	46.153	ug/l	100
8) Diethyl Ether	3.71	74	67937	45.867	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	152734	45.241	ug/l	97
10) Methyl Iodide	4.30	142	154415	47.073	ug/l	98
11) Tert butyl alcohol	5.21	59	42700	218.572	ug/l	97
12) 1,1-Dichloroethene	4.07	96	138074	43.506	ug/l	97
13) Acrolein	3.93	56	53344	245.671	ug/l	99
14) Allyl chloride	4.71	41	166830	40.464	ug/l	89
15) Acrylonitrile	5.43	53	118783	217.896	ug/l	97
16) Acetone	4.16	43	105521	213.168	ug/l	90
17) Carbon Disulfide	4.41	76	402439	41.319	ug/l	99
18) Methyl Acetate	4.73	43	51792	41.629	ug/l	90
19) Methyl tert-butyl Ether	5.48	73	287869	49.687	ug/l	98
20) Methylene Chloride	4.97	84	173196	49.187	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	163755	45.339	ug/l	93
22) Diisopropyl ether	6.37	45	325385	43.229	ug/l	96
23) Vinyl Acetate	6.31	43	948242	222.318	ug/l	94
24) 1,1-Dichloroethane	6.26	63	259221	44.625	ug/l	98
25) 2-Butanone	7.21	43	139507	198.780	ug/l	93
26) 2,2-Dichloropropane	7.21	77	247602	49.834	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	182840	47.400	ug/l	98
28) Bromochloromethane	7.54	49	97076	43.273	ug/l	85
29) Tetrahydrofuran	7.56	42	80403	199.245	ug/l	90
30) Chloroform	7.71	83	302428	47.993	ug/l	99
31) Cyclohexane	7.98	56	186903	38.378	ug/l	91
32) 1,1,1-Trichloroethane	7.91	97	287129	49.166	ug/l	97
36) 1,1-Dichloropropene	8.11	75	218291	45.072	ug/l	98
37) Ethyl Acetate	7.29	43	69519	41.434	ug/l	98
38) Carbon Tetrachloride	8.10	117	270522	51.624	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	233079	45.519	ug/l	97
40) Benzene	8.36	78	624216	46.402	ug/l	100
41) Methacrylonitrile	7.53	41	43255	47.720	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	186633	49.650	ug/l	96
43) Isopropyl Acetate	8.46	43	129066	41.757	ug/l #	93
44) Trichloroethene	9.11	130	196099	48.818	ug/l	99
45) 1,2-Dichloropropane	9.38	63	141540	44.780	ug/l	94
46) Dibromomethane	9.47	93	88555	48.746	ug/l	95
47) Bromodichloromethane	9.66	83	241839	51.212	ug/l	98
48) Methyl methacrylate	9.46	41	62911	39.729	ug/l #	69
49) 1,4-Dioxane	9.47	88	16973	895.195	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	337556	219.253	ug/l	97
52) Toluene	10.40	92	428478	49.446	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	212308	50.304	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	247951	48.112	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	122336	48.436	ug/l	98
56) Ethyl methacrylate	10.66	69	135770	52.066	ug/l	93
57) 1,3-Dichloropropane	10.95	76	198143	48.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	354134	244.000	ug/l	94
59) 2-Hexanone	10.98	43	223486	217.488	ug/l	93
60) Dibromochloromethane	11.14	129	171866	51.054	ug/l	93
61) 1,2-Dibromoethane	11.25	107	120323	49.587	ug/l	98
64) Tetrachloroethene	10.87	164	168849	47.991	ug/l	91
65) Chlorobenzene	11.67	112	469337	48.761	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	187352	51.171	ug/l	98
67) Ethyl Benzene	11.75	91	819322	49.680	ug/l	99
68) m/p-Xylenes	11.86	106	622246	96.816	ug/l	96
69) o-Xylene	12.18	106	291452	50.710	ug/l	94
70) Styrene	12.20	104	498424	50.503	ug/l	98
71) Bromoform	12.37	173	97887	51.505	ug/l #	97
73) Isopropylbenzene	12.48	105	805001	47.856	ug/l	99
74) N-amyl acetate	12.29	43	125248	41.419	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	119563	42.186	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	162295	75.212	ug/l #	100
77) Bromobenzene	12.77	156	197203	48.551	ug/l	92
78) n-propylbenzene	12.83	91	932192	46.891	ug/l	98
79) 2-Chlorotoluene	12.91	91	539625	47.443	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	706176	49.689	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	37006	42.756	ug/l	95
82) 4-Chlorotoluene	13.01	91	570420	47.136	ug/l	99
83) tert-Butylbenzene	13.23	119	591879	49.455	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	698086	49.220	ug/l	98
85) sec-Butylbenzene	13.41	105	798099	47.354	ug/l	99
86) p-Isopropyltoluene	13.53	119	756918	48.442	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	369955	46.761	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	366180	46.289	ug/l	99
89) n-Butylbenzene	13.85	91	673271	47.147	ug/l	99
90) Hexachloroethane	14.12	117	127637	46.633	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	325419	47.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20494	44.858	ug/l	93

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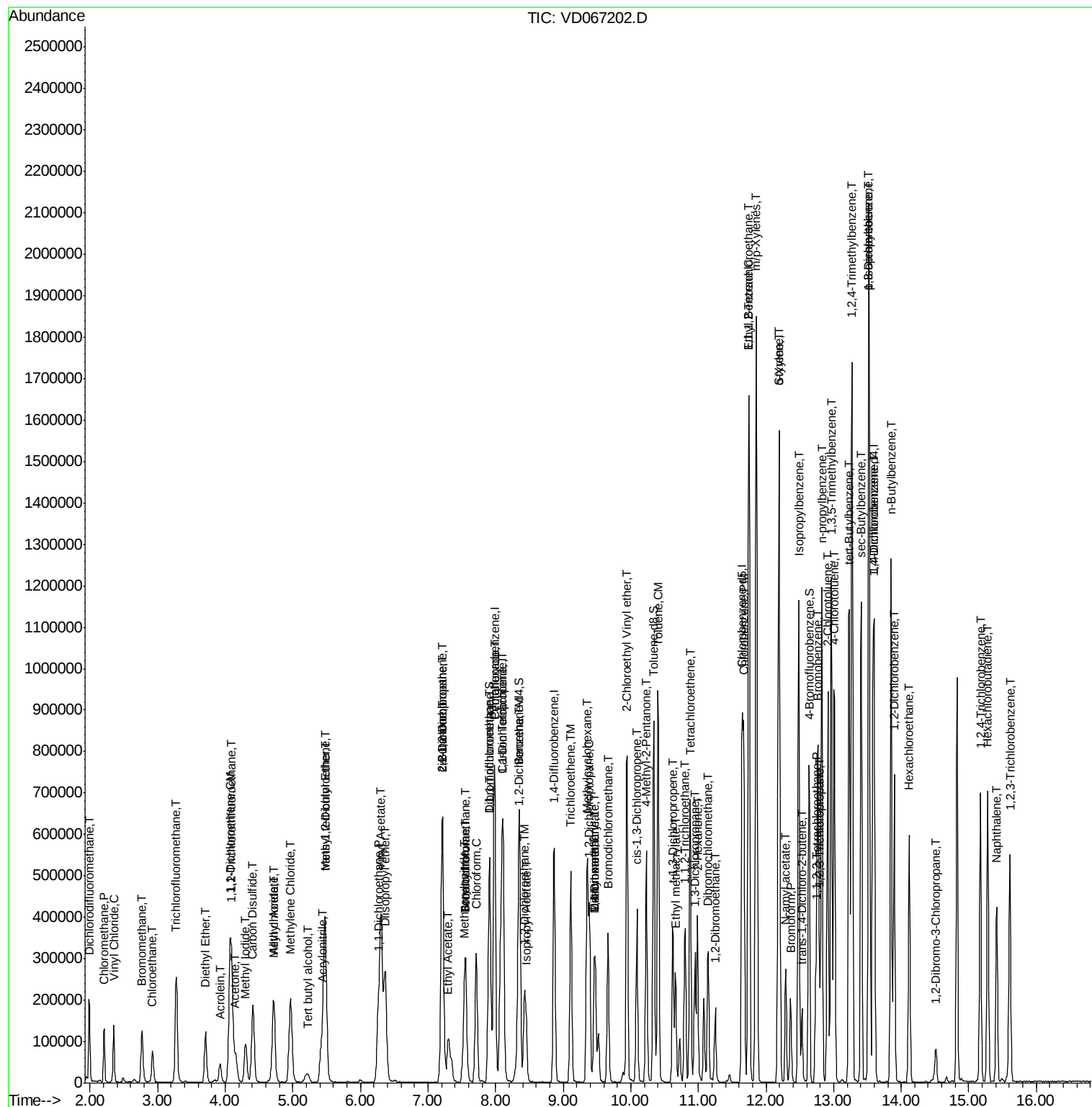
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	229414	51.332	ug/l	99
94) Hexachlorobutadiene	15.28	225	134308	48.933	ug/l	99
95) Naphthalene	15.41	128	381272	51.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	199918	51.529	ug/l	99

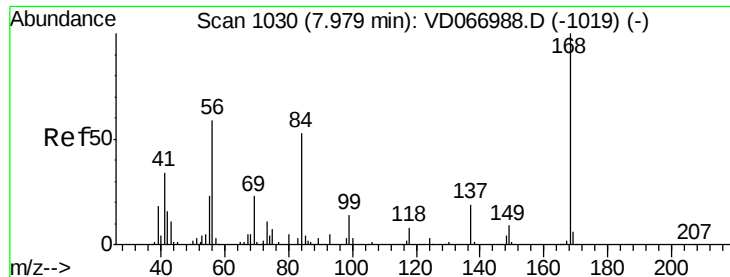
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

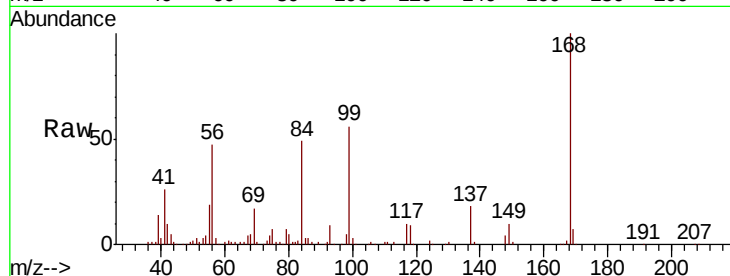
VSTDCCC050EC

Tot Ion:168 Resp: 336670

Ion Ratio Lower Upper

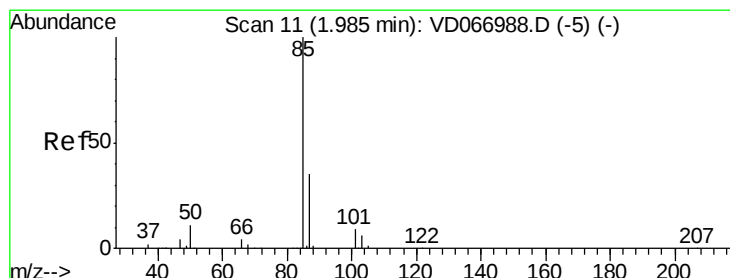
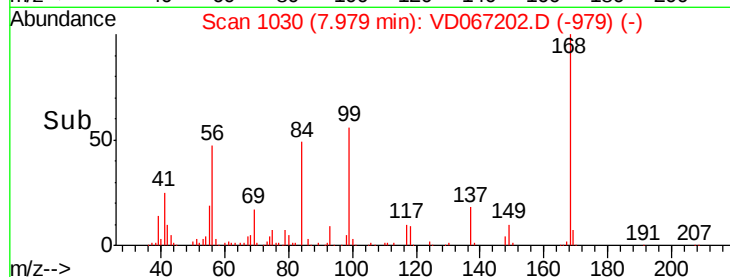
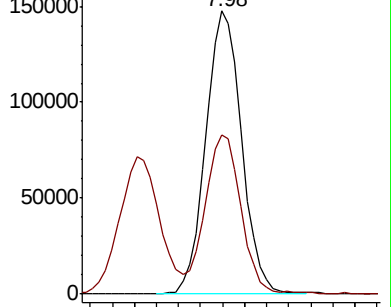
168 100

99 56.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 56.931 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067202.D

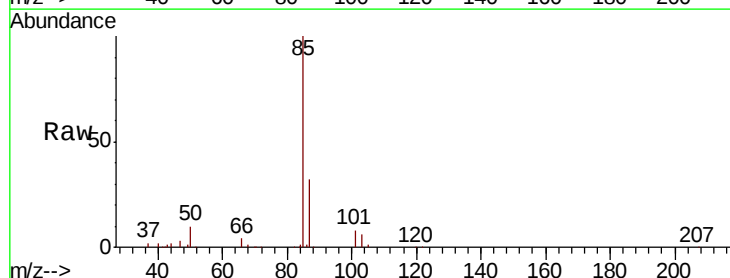
Acq: 08 Oct 2020 18:43

Tgt Ion: 85 Resp: 152438

Ion Ratio Lower Upper

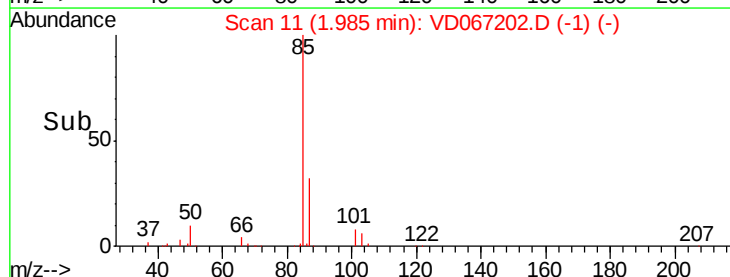
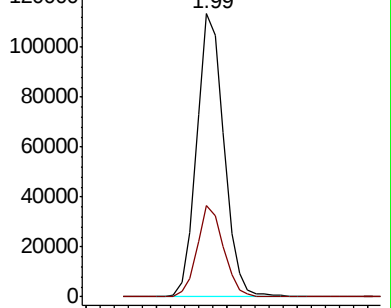
85 100

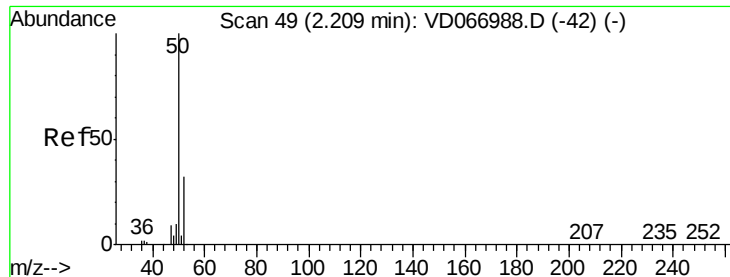
87 32.2 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.295 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

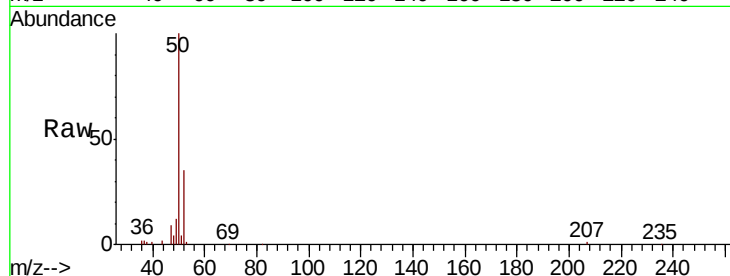
VSTDCCC050EC

Tot Ion: 50 Resp: 105356

Ion Ratio Lower Upper

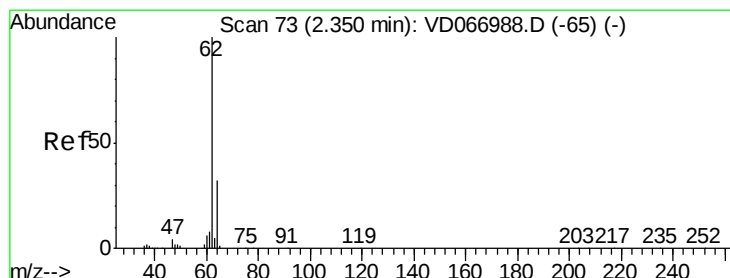
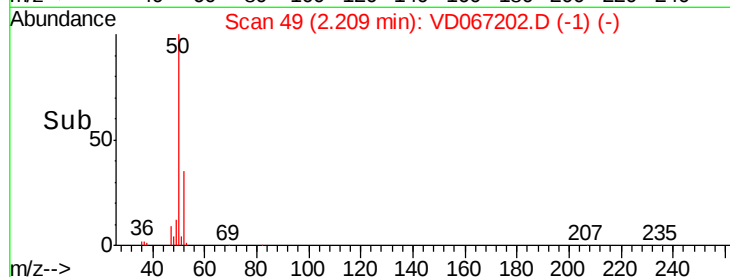
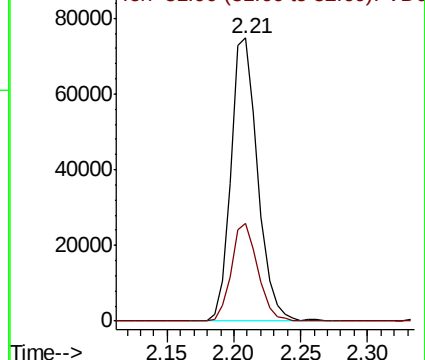
50 100

52 34.6 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 42.814 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067202.D

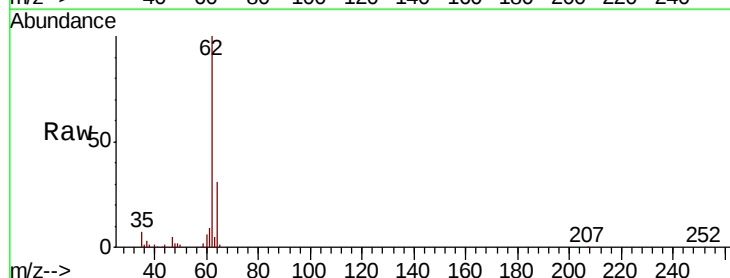
Acq: 08 Oct 2020 18:43

Tgt Ion: 62 Resp: 115101

Ion Ratio Lower Upper

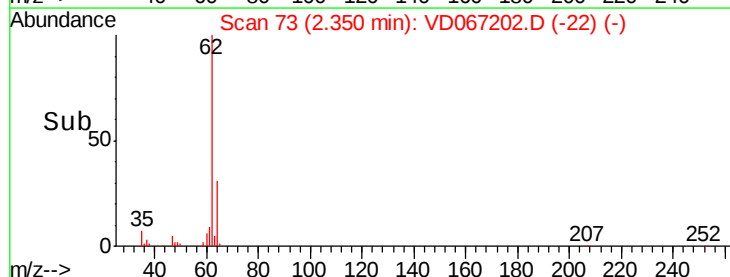
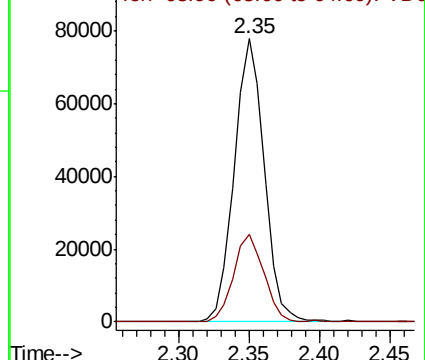
62 100

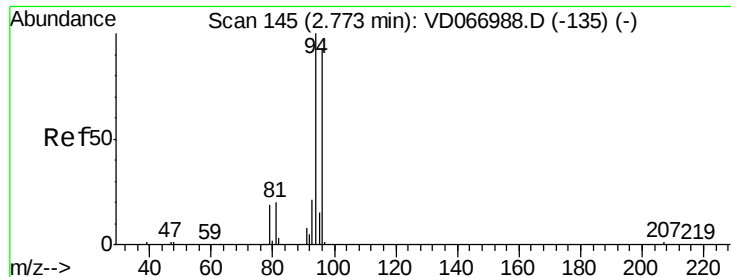
64 30.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 52.887 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067202.D

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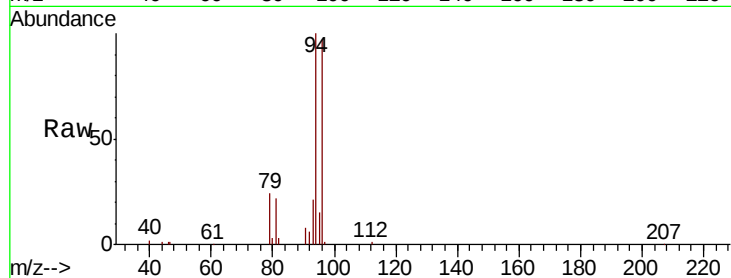
VSTDCCC050EC

Tot Ion: 94 Resp: 91214

Ion Ratio Lower Upper

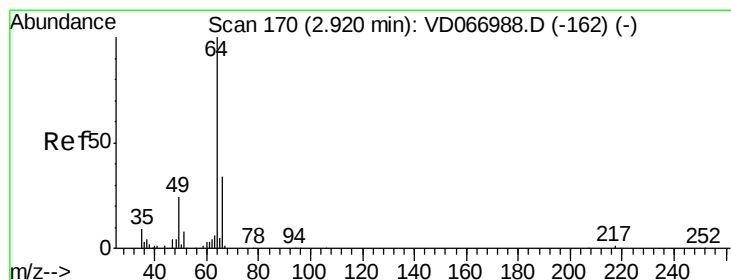
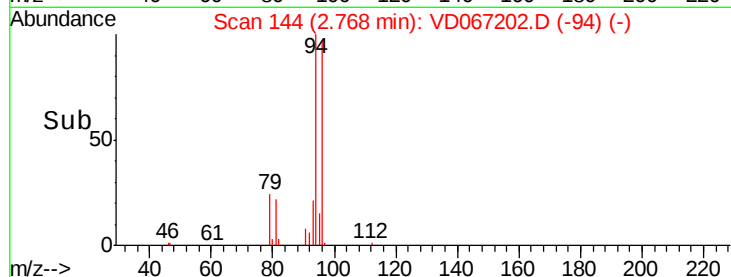
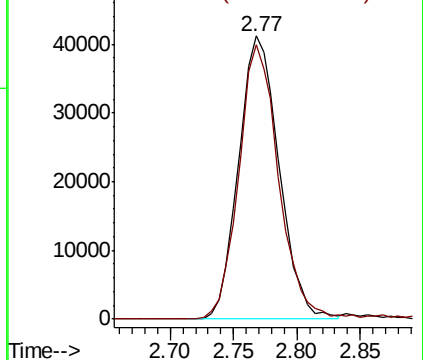
94 100

96 97.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.429 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067202.D

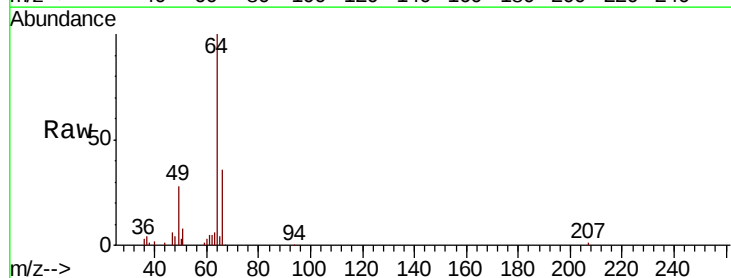
Acq: 08 Oct 2020 18:43

Tgt Ion: 64 Resp: 72741

Ion Ratio Lower Upper

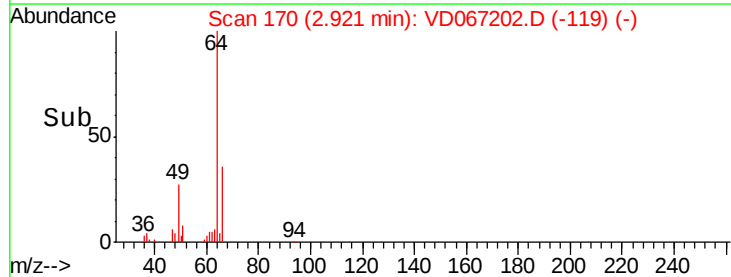
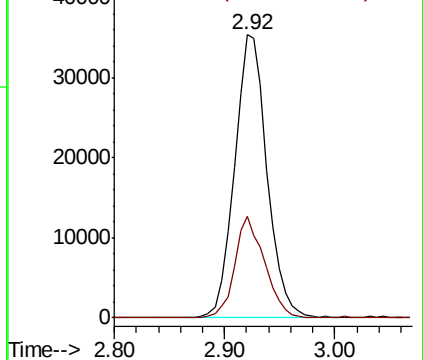
64 100

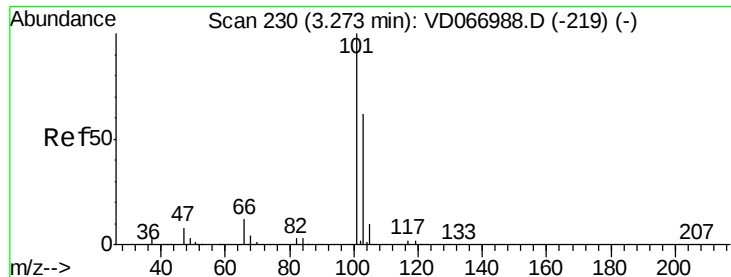
66 35.7 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



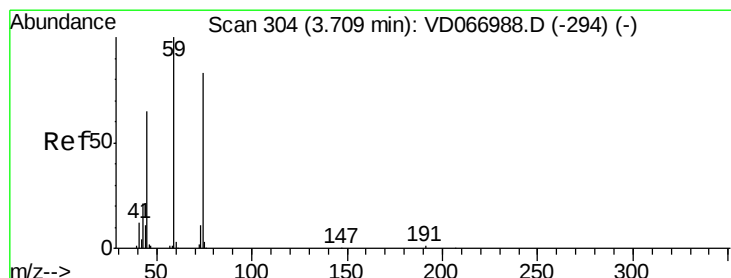
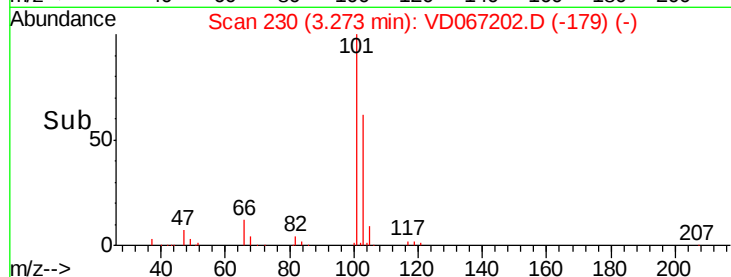
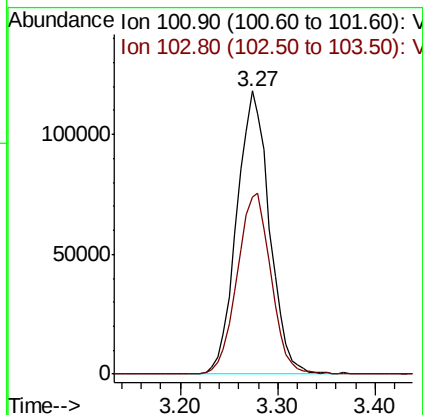
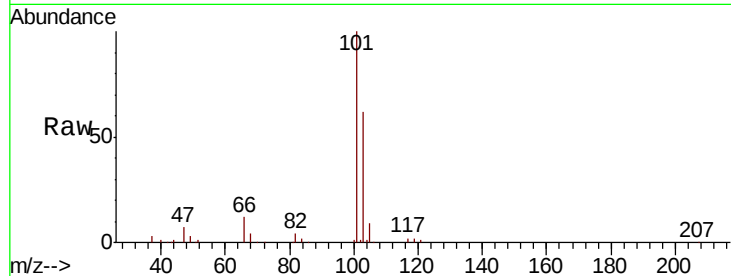


#7

Trichlorofluoromethane
 Concen: 46.153 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067202.D
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Instrument :
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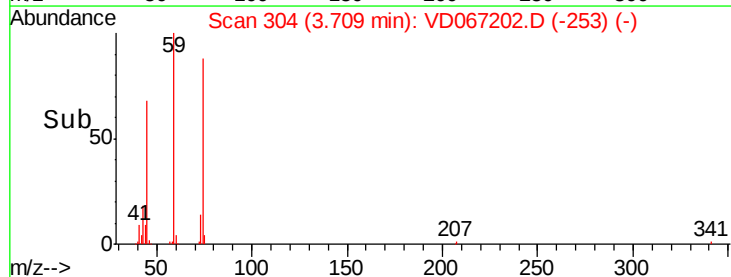
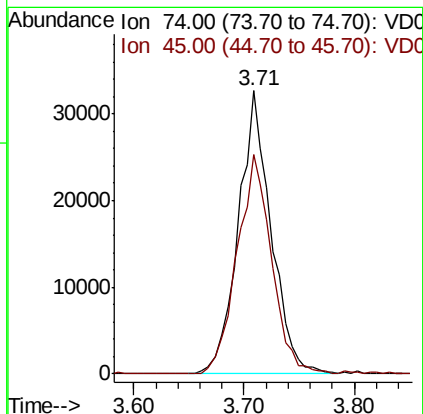
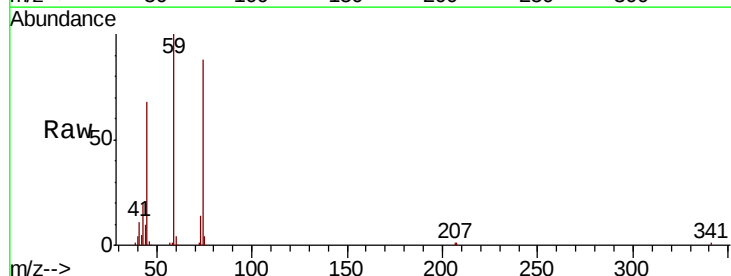
Tot Ion:101 Resp: 275669
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.8 74.8

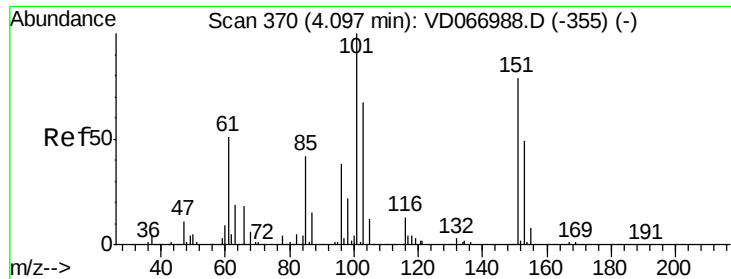


#8

Diethyl Ether
 Concen: 45.867 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

Tgt Ion: 74 Resp: 67937
 Ion Ratio Lower Upper
 74 100
 45 81.6 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.241 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

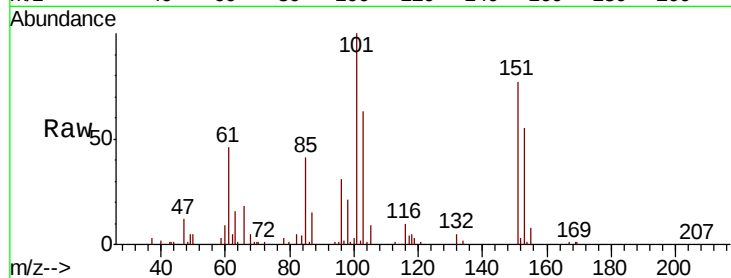
Tot Ion:101 Resp: 152734

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.8

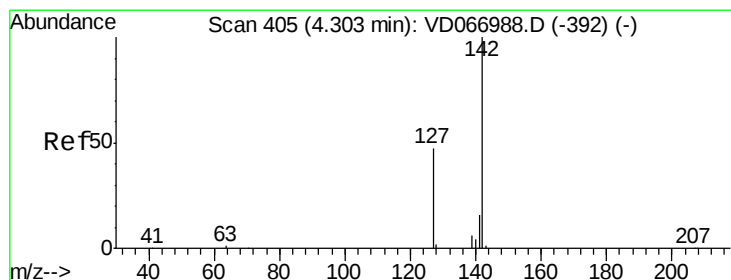
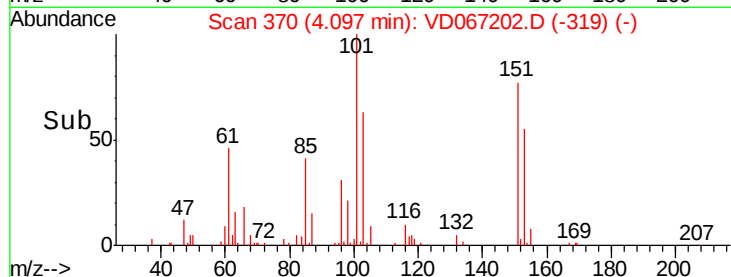
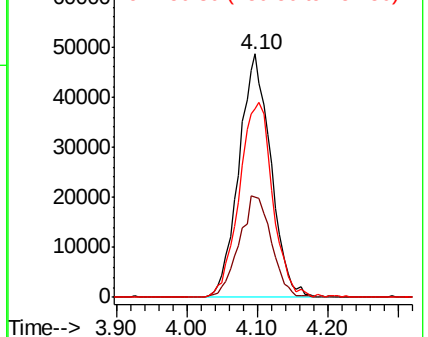
151 83.8 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.073 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

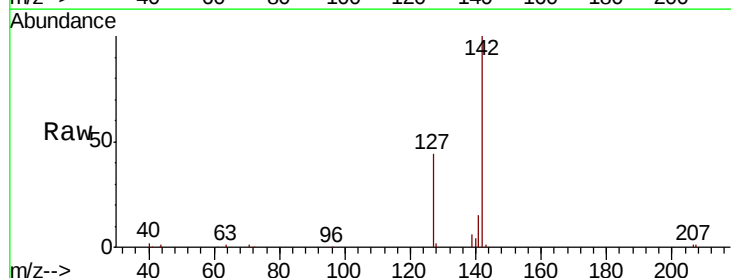
Tgt Ion:142 Resp: 154415

Ion Ratio Lower Upper

142 100

127 46.8 36.3 54.5

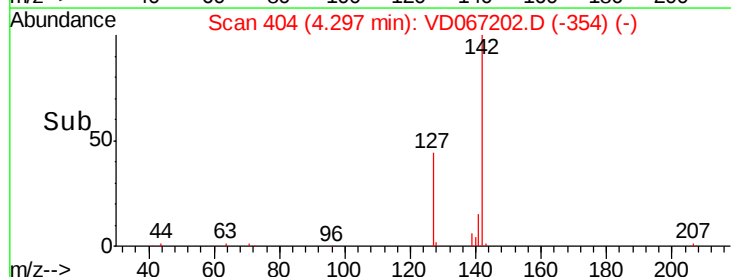
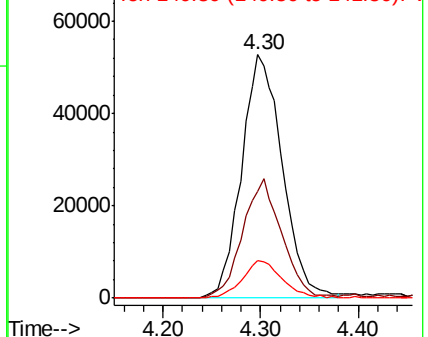
141 14.8 12.0 18.0

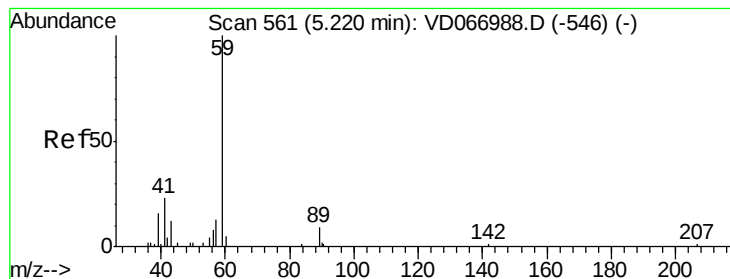


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



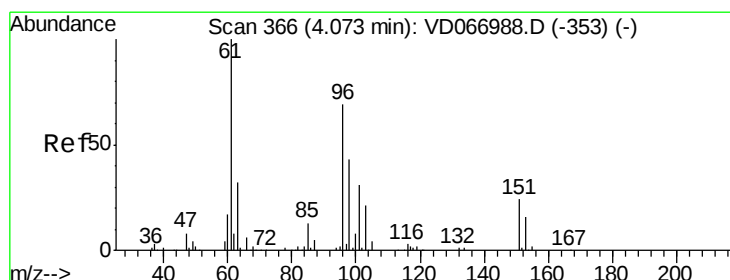
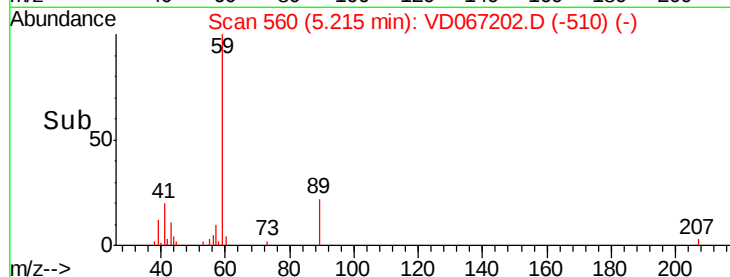
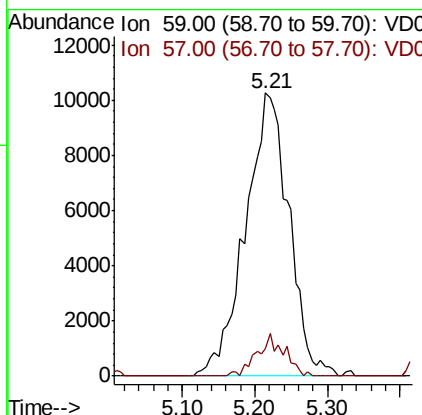
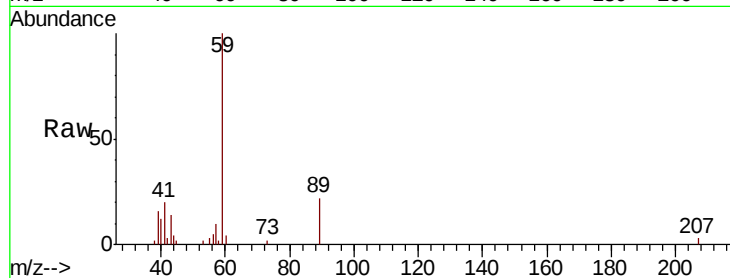


#11

Tert butyl alcohol
Concen: 218.572 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

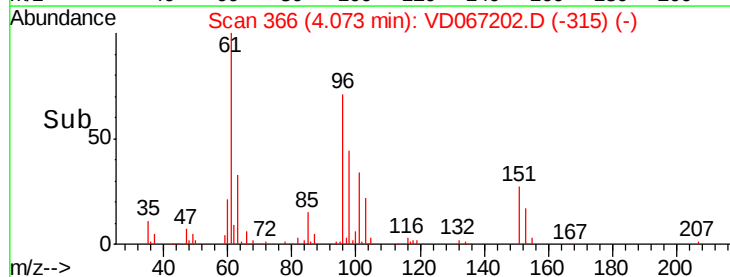
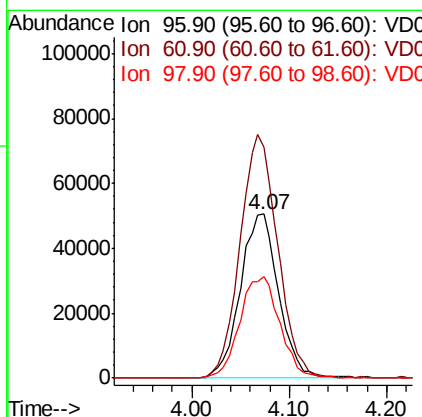
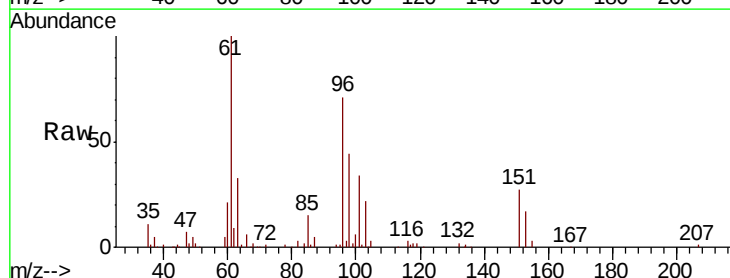
Tot Ion: 59 Resp: 42700
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.4

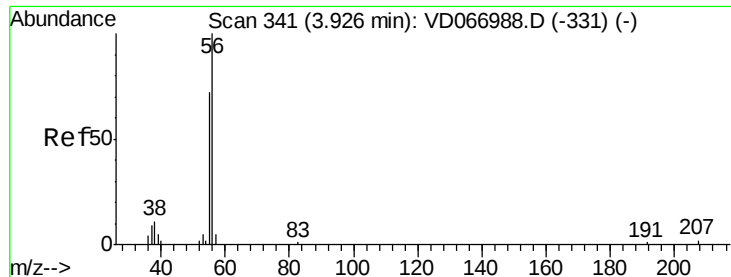


#12

1,1-Dichloroethene
Concen: 43.506 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 96 Resp: 138074
Ion Ratio Lower Upper
96 100
61 141.0 116.4 174.6
98 61.7 49.9 74.9





#13

Acrolein

Concen: 245.671 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

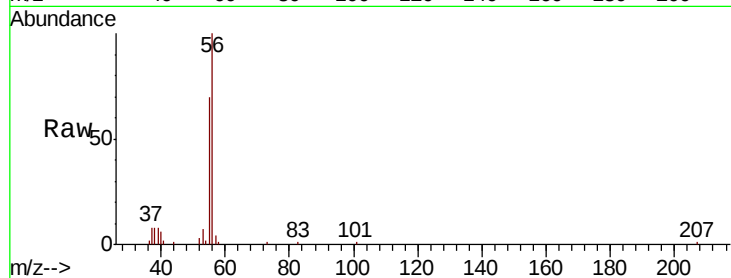
VSTDCCC050EC

Tot Ion: 56 Resp: 53344

Ion Ratio Lower Upper

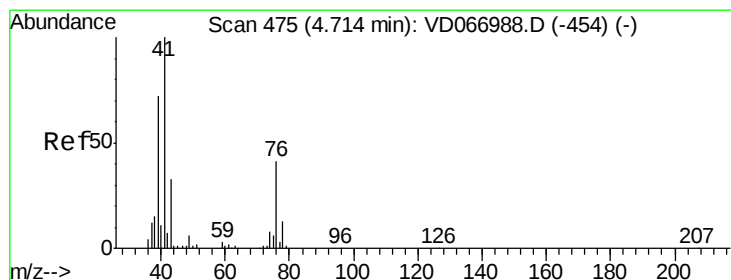
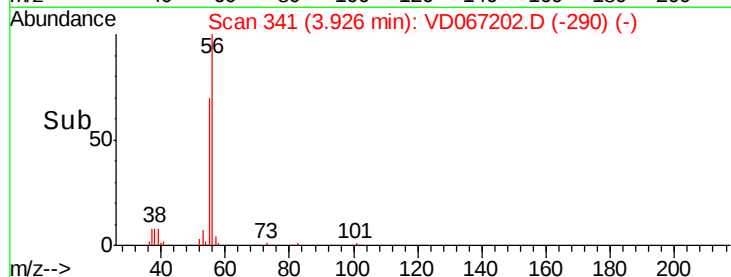
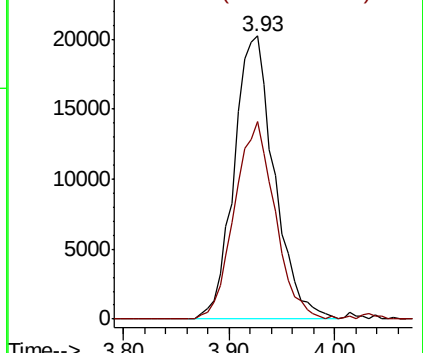
56 100

55 70.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 40.464 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

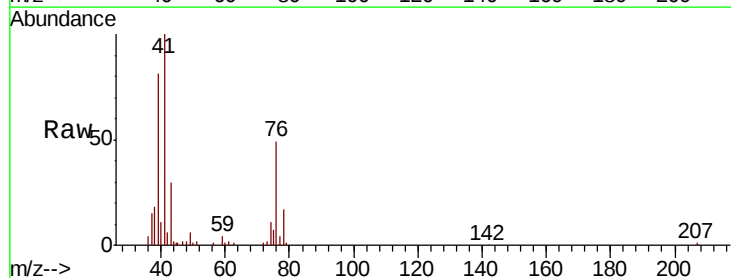
Tgt Ion: 41 Resp: 166830

Ion Ratio Lower Upper

41 100

39 79.4 56.2 84.2

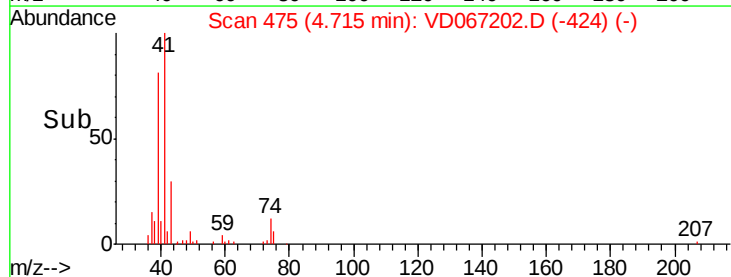
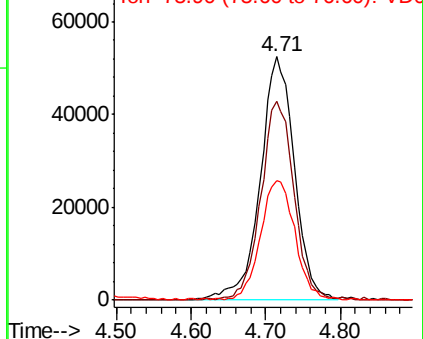
76 49.5 34.2 51.2

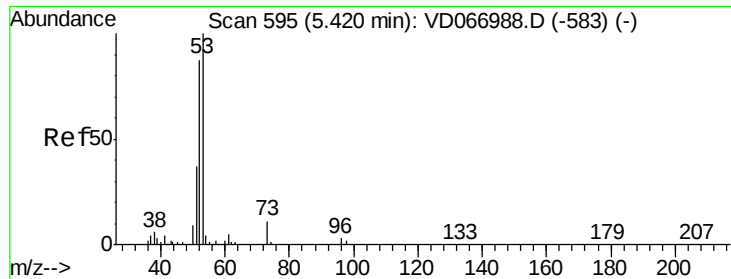


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 217.896 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

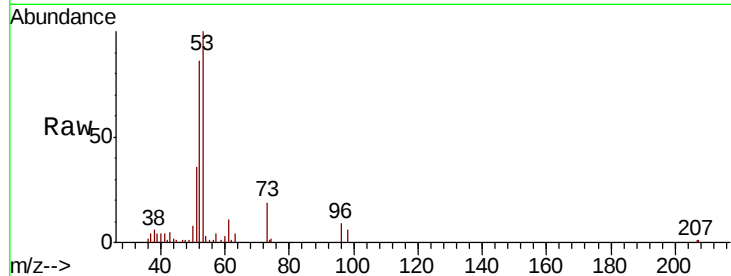
Tot Ion: 53 Resp: 118783

Ion Ratio Lower Upper

53 100

52 81.5 67.3 100.9

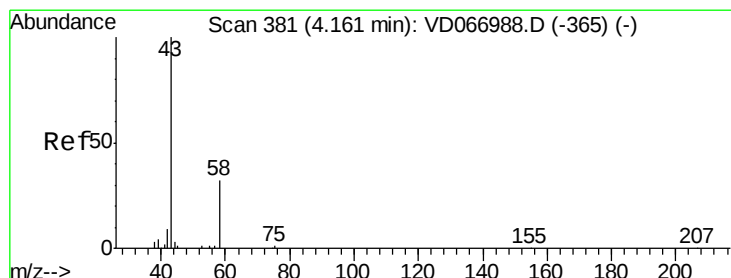
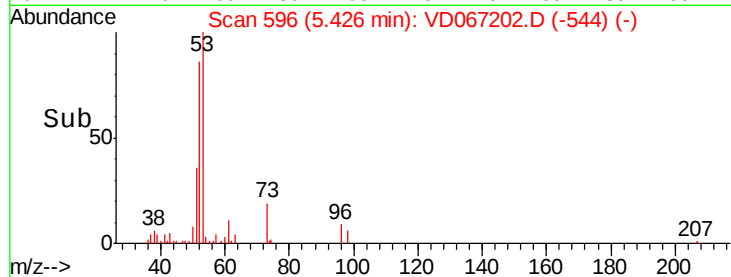
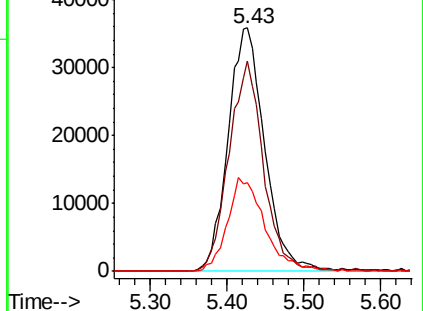
51 39.1 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 213.168 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067202.D

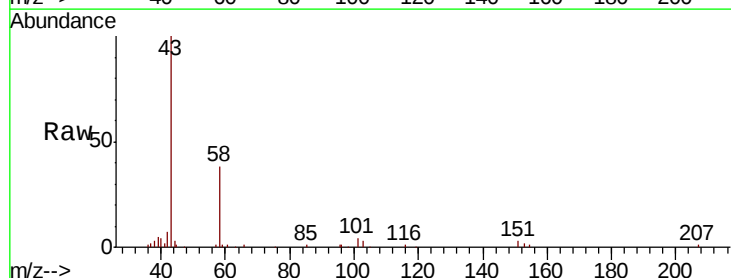
Acq: 08 Oct 2020 18:43

Tgt Ion: 43 Resp: 105521

Ion Ratio Lower Upper

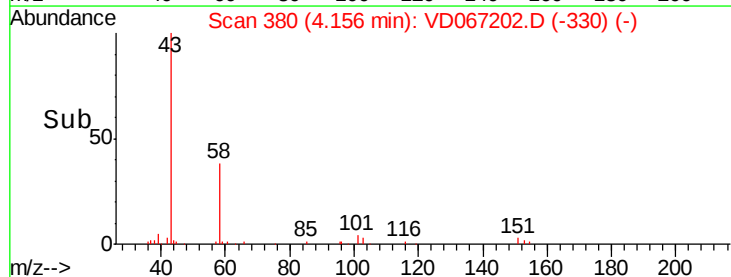
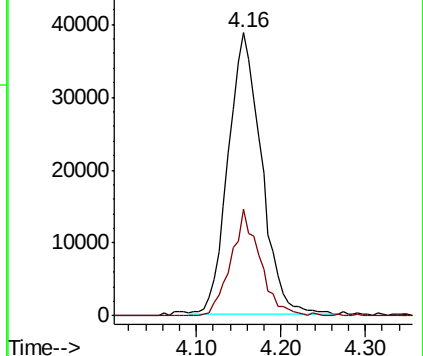
43 100

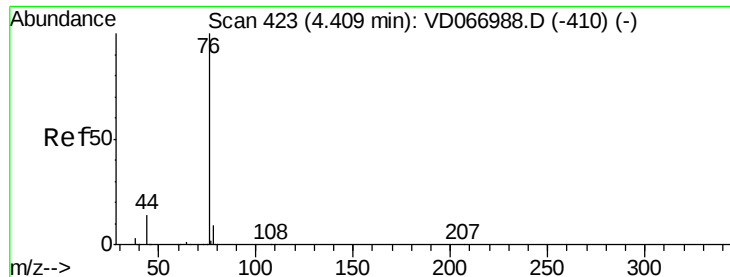
58 38.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

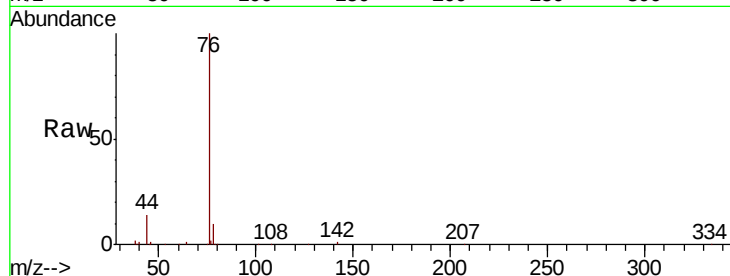




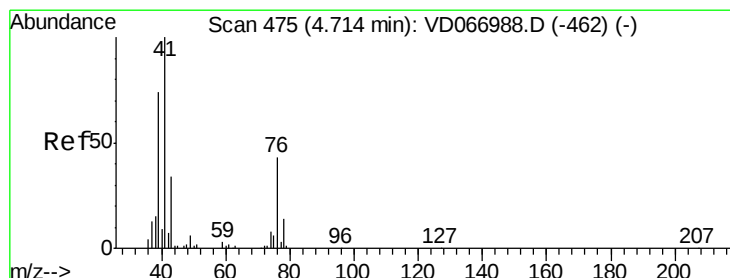
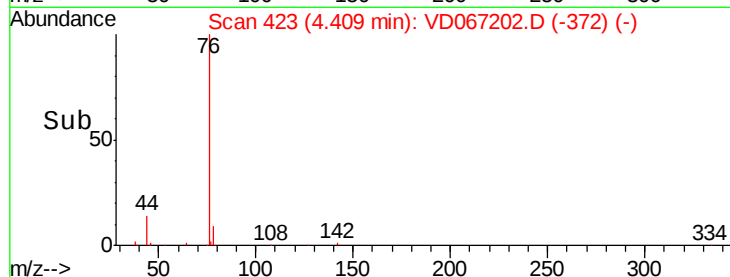
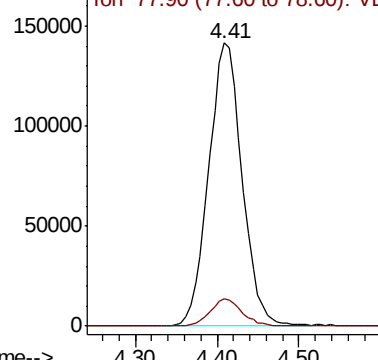
#17
Carbon Disulfide
Concen: 41.319 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 402439
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

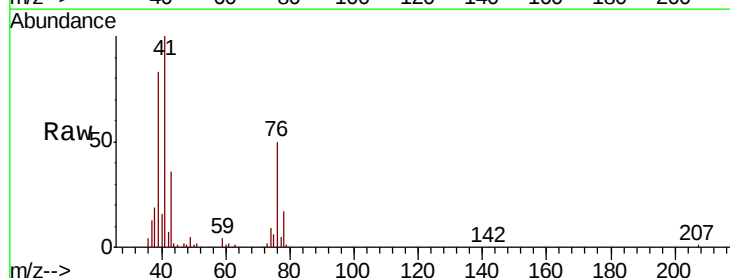


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

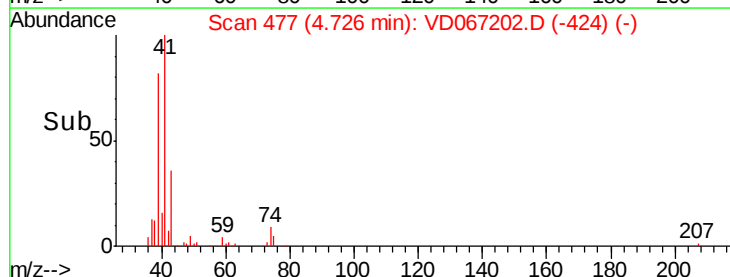
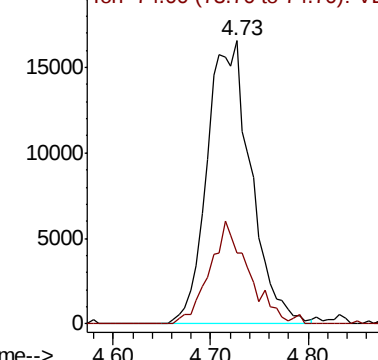


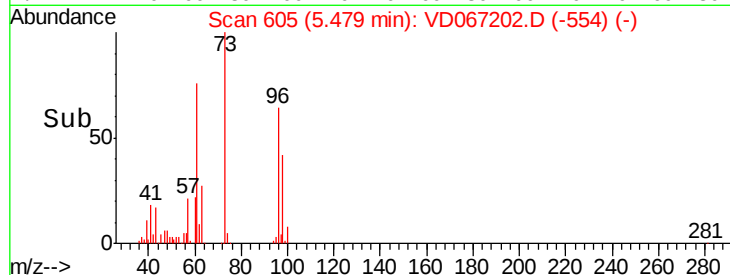
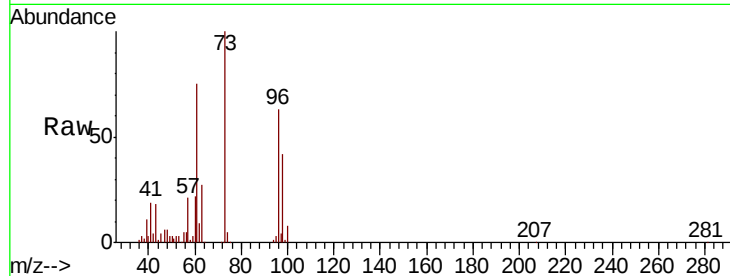
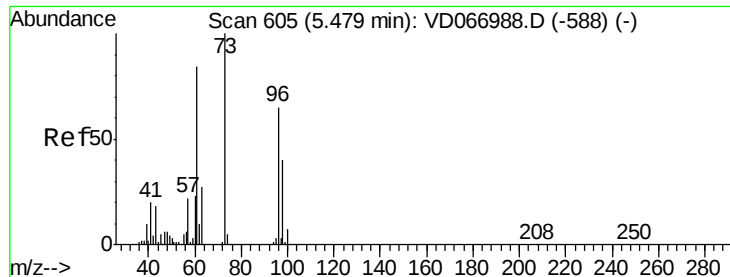
#18
Methyl Acetate
Concen: 41.629 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 43 Resp: 51792
Ion Ratio Lower Upper
43 100
74 31.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

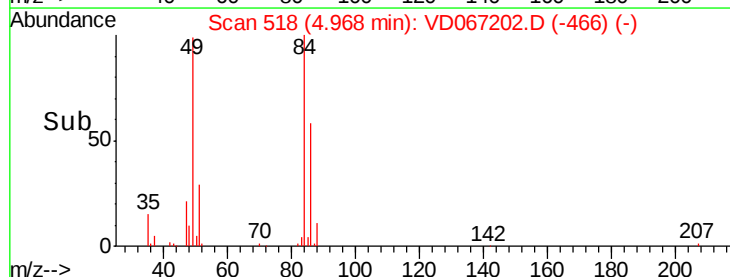
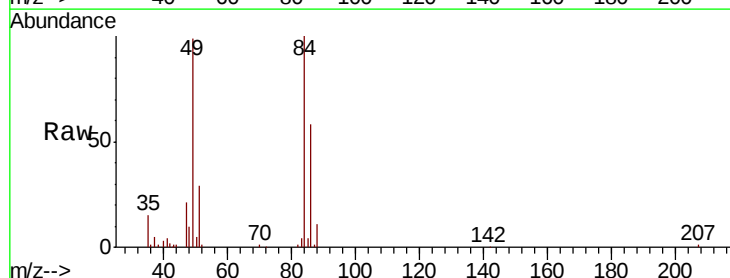
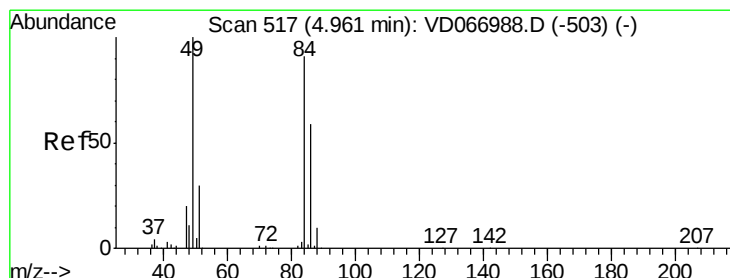
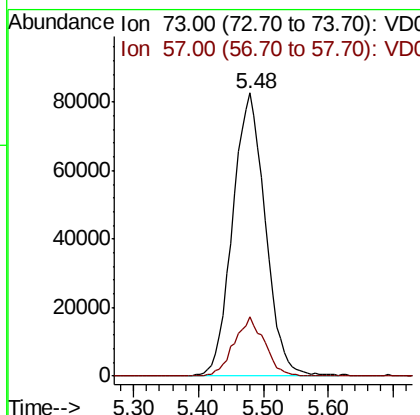




#19
Methyl tert-butyl Ether
Concen: 49.687 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

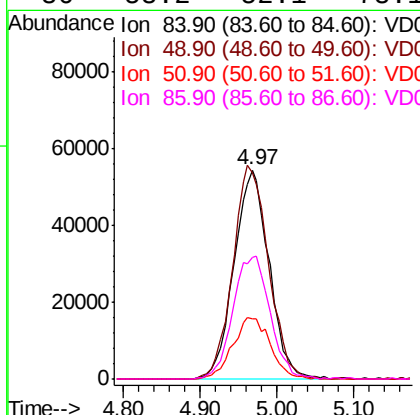
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

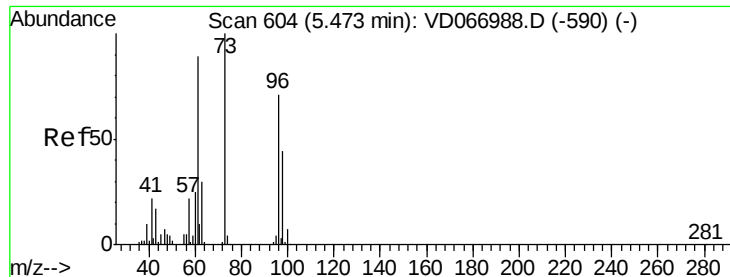
Tot Ion: 73 Resp: 287869
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0



#20
Methylene Chloride
Concen: 49.187 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 84 Resp: 173196
Ion Ratio Lower Upper
84 100
49 98.8 88.2 132.2
51 28.9 26.6 39.8
86 58.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 45.339 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

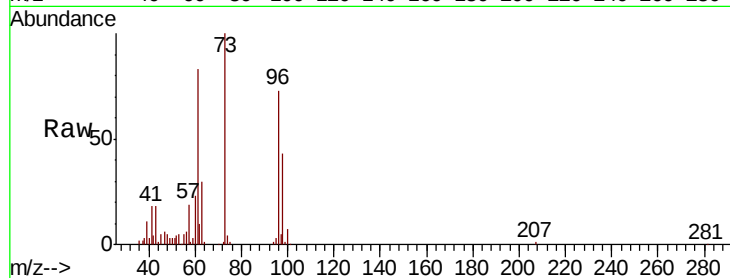
Tot Ion: 96 Resp: 163755

Ion Ratio Lower Upper

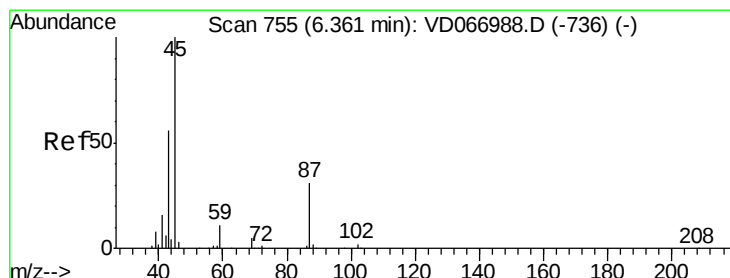
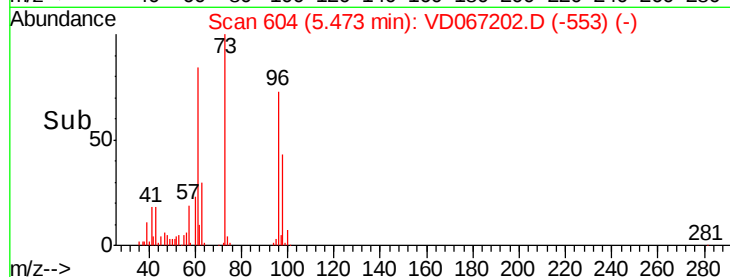
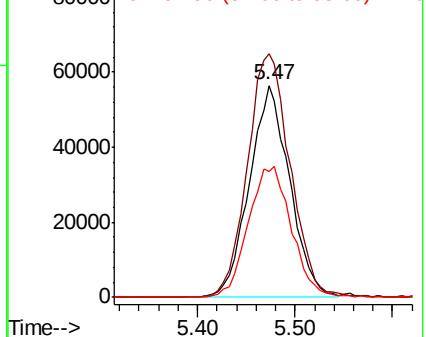
96 100

61 114.9 99.6 149.4

98 59.1 49.4 74.2



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: 43.229 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Tgt Ion: 45 Resp: 325385

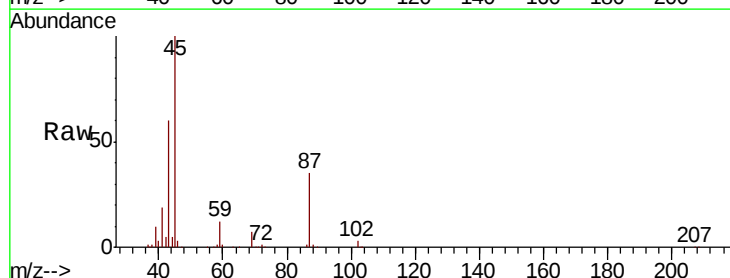
Ion Ratio Lower Upper

45 100

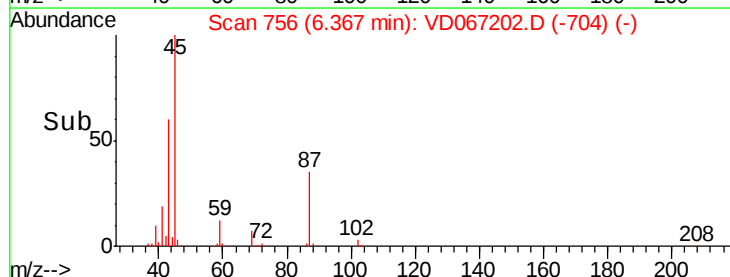
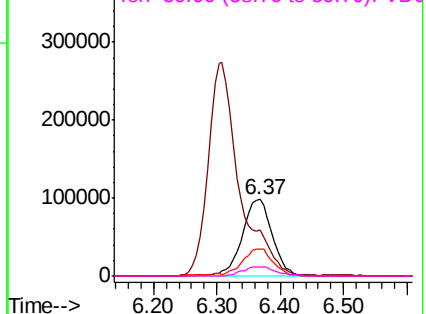
43 58.8 45.2 67.8

87 35.3 25.6 38.4

59 12.0 9.1 13.7



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

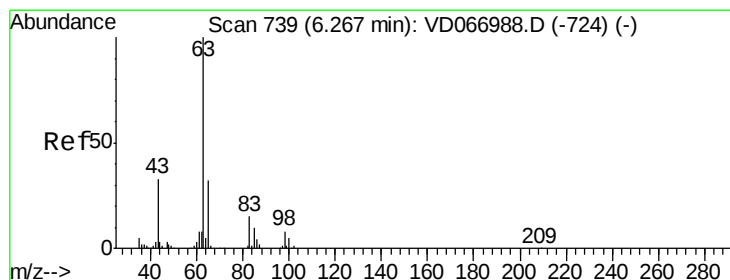
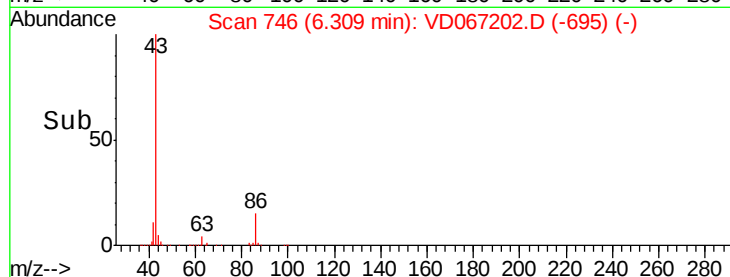
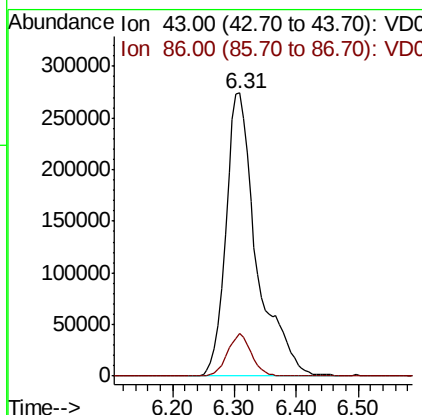
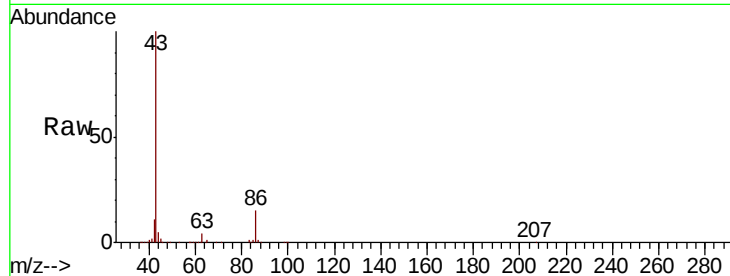




#23
 Vinyl Acetate
 Concen: 222.318 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

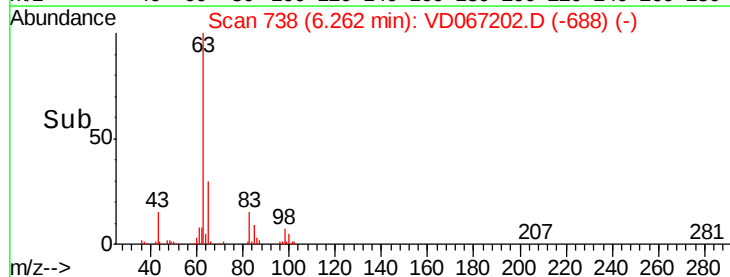
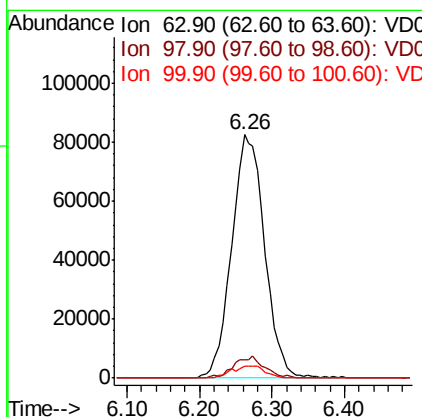
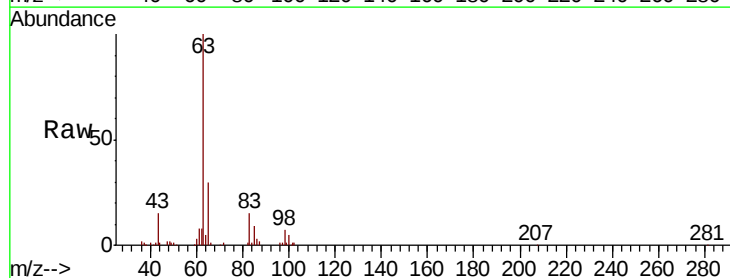
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

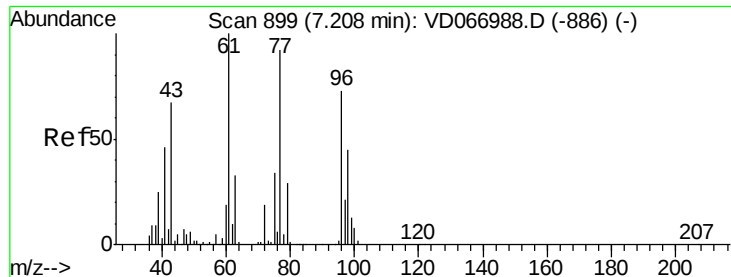
Tot Ion: 43 Resp: 948242
 Ion Ratio Lower Upper
 43 100
 86 15.0 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 44.625 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

Tgt Ion: 63 Resp: 259221
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.2 12.6
 100 5.0 2.6 7.8

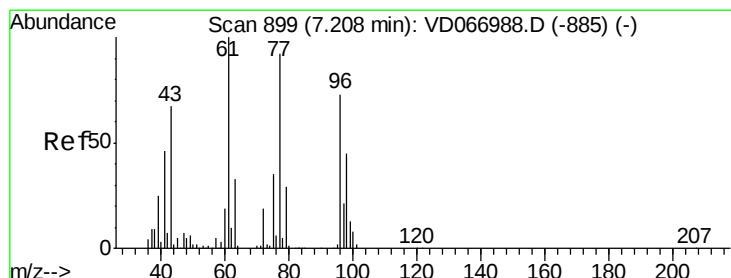
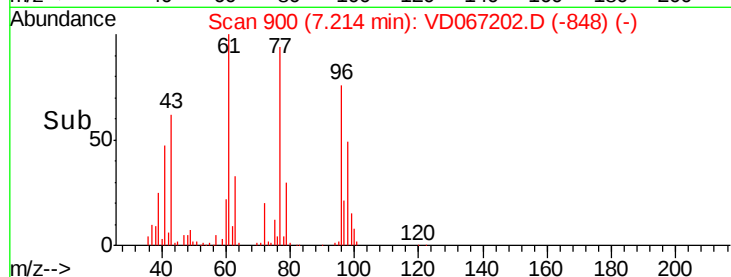
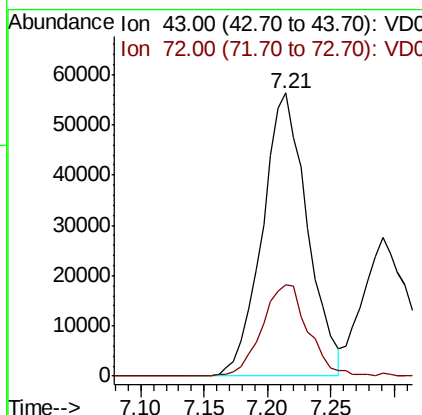
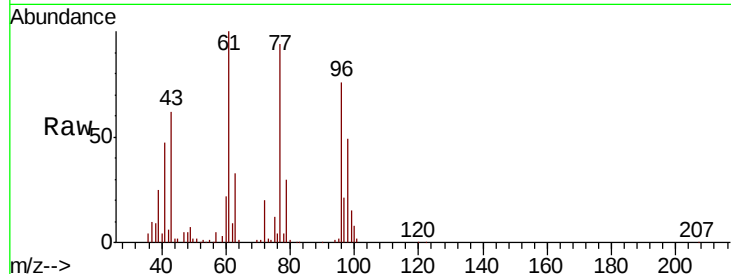




#25
2-Butanone
Concen: 198.780 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

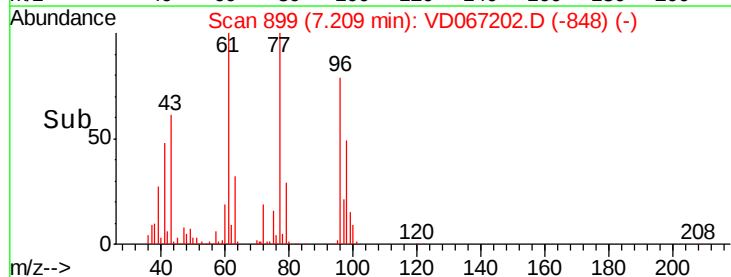
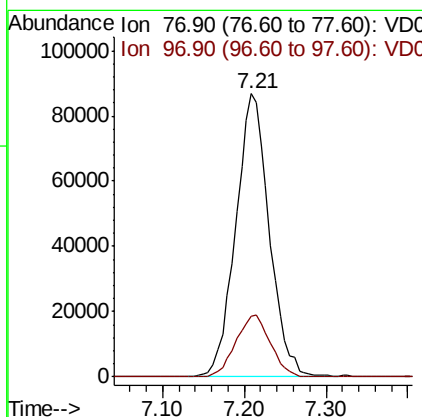
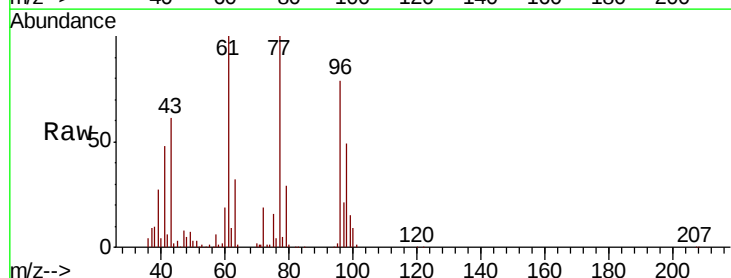
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

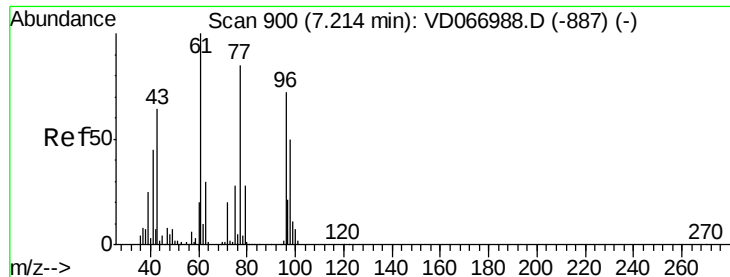
Tot Ion: 43 Resp: 139507
Ion Ratio Lower Upper
43 100
72 32.2 22.8 34.2



#26
2,2-Dichloropropane
Concen: 49.834 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 77 Resp: 247602
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2



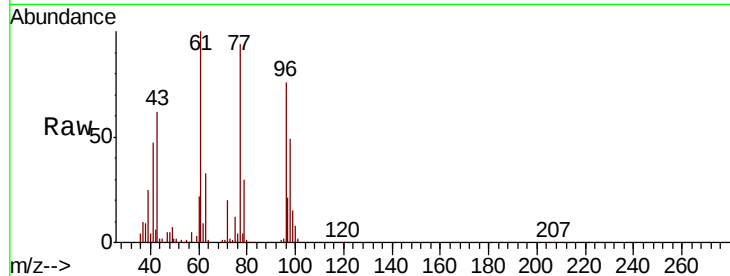


#27

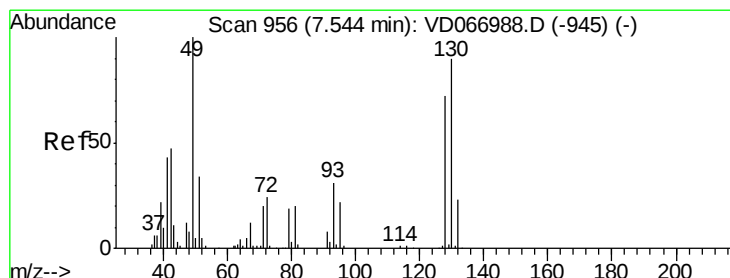
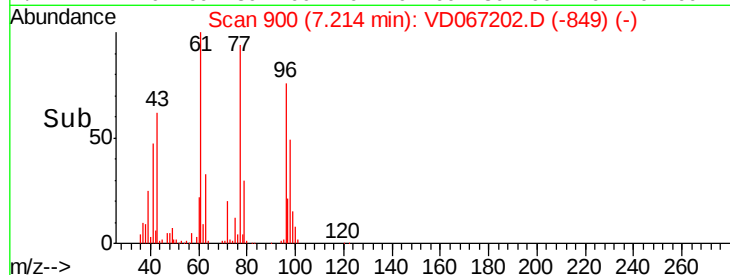
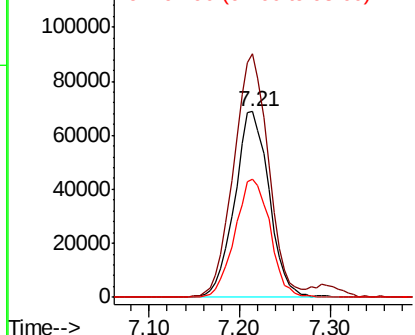
cis-1,2-Dichloroethene
Concen: 47.400 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 182840
Ion Ratio Lower Upper
96 100
61 131.8 0.0 269.2
98 64.8 0.0 129.4



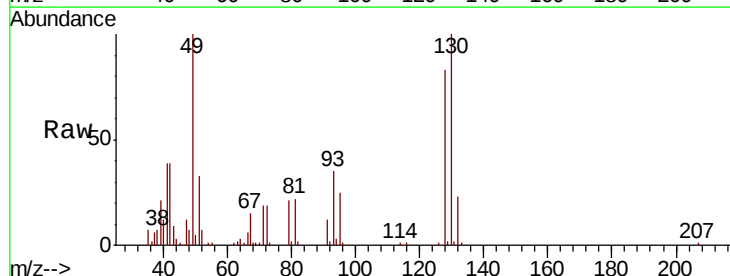
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



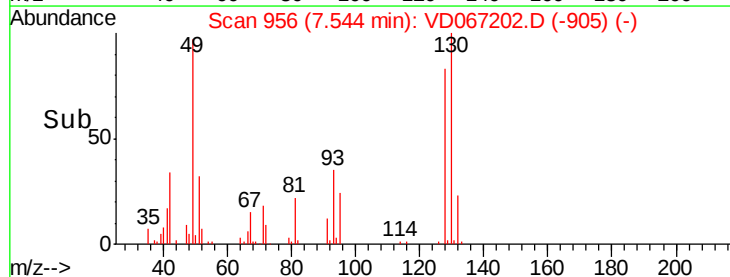
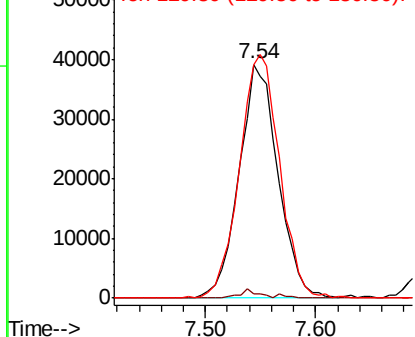
#28

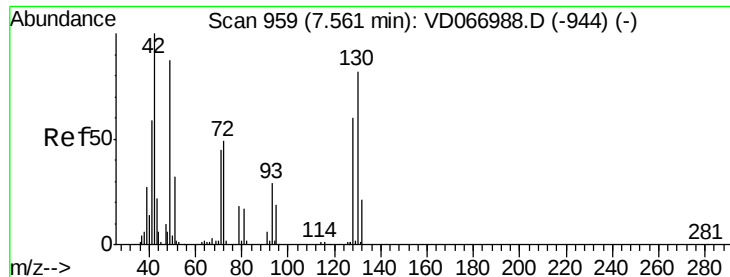
Bromochloromethane
Concen: 43.273 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 49 Resp: 97076
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 107.2 74.1 111.1



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: 199.245 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

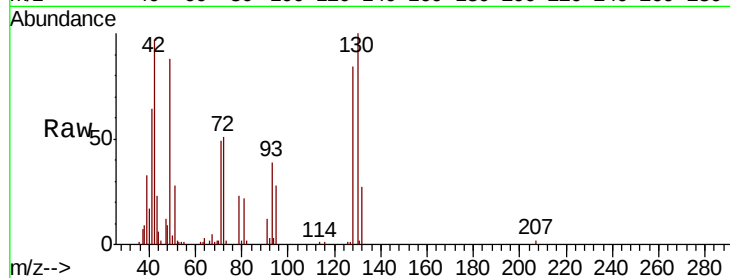
Tot Ion: 42 Resp: 80403

Ion Ratio Lower Upper

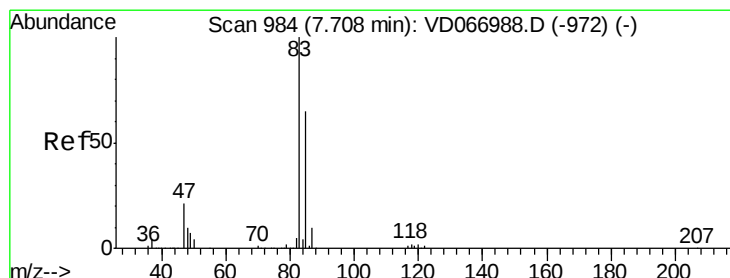
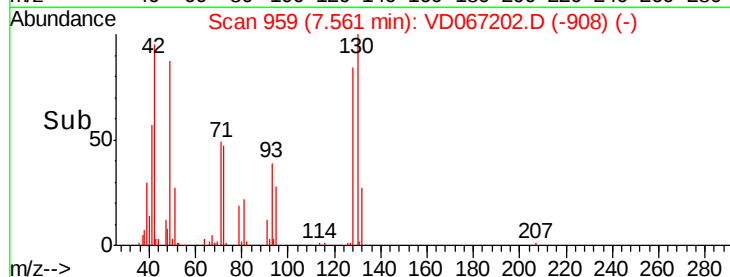
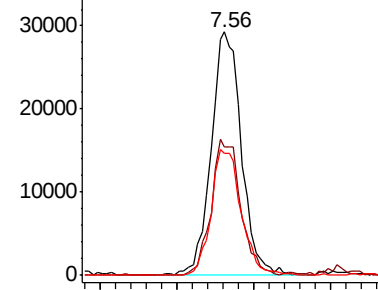
42 100

72 54.2 39.1 58.7

71 51.3 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 47.993 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067202.D

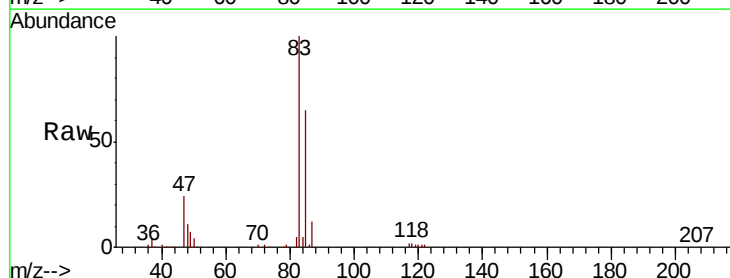
Acq: 08 Oct 2020 18:43

Tgt Ion: 83 Resp: 302428

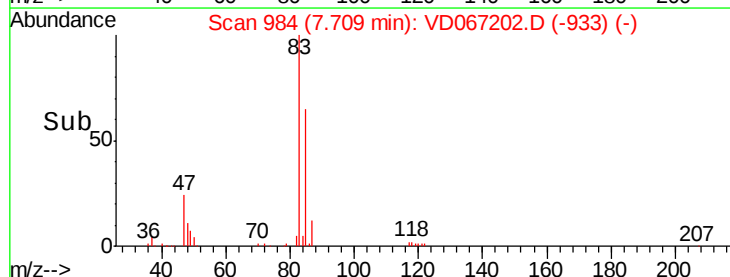
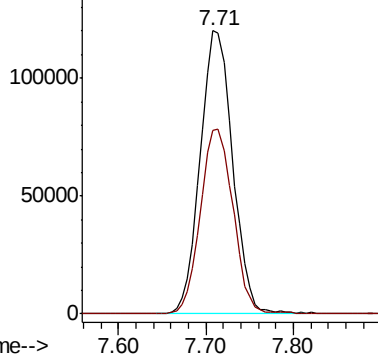
Ion Ratio Lower Upper

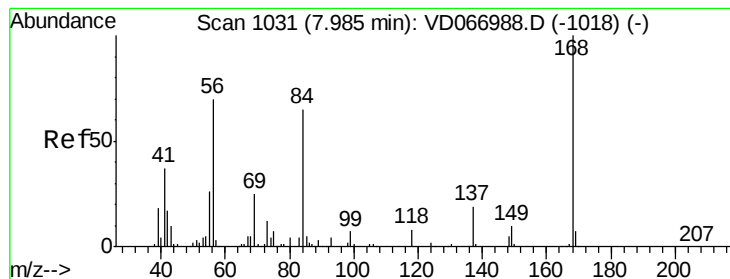
83 100

85 64.8 52.3 78.5



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





#31

Cyclohexane

Concen: 38.378 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

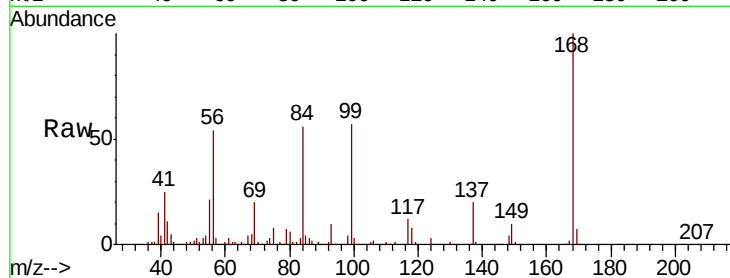
Tot Ion: 56 Resp: 186903

Ion Ratio Lower Upper

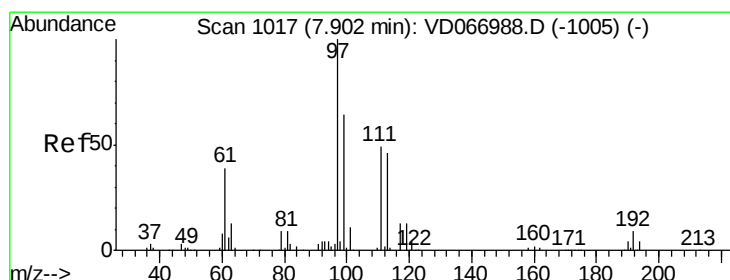
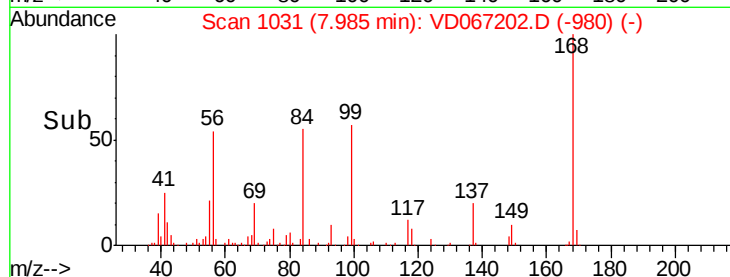
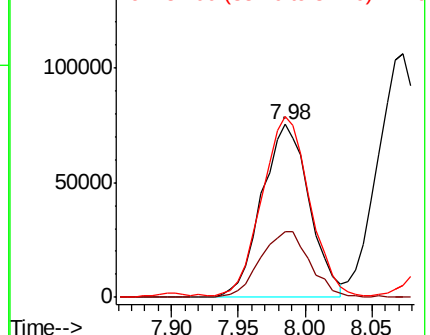
56 100

69 38.1 29.0 43.6

84 103.3 74.2 111.2



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



#32

1,1,1-Trichloroethane

Concen: 49.166 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

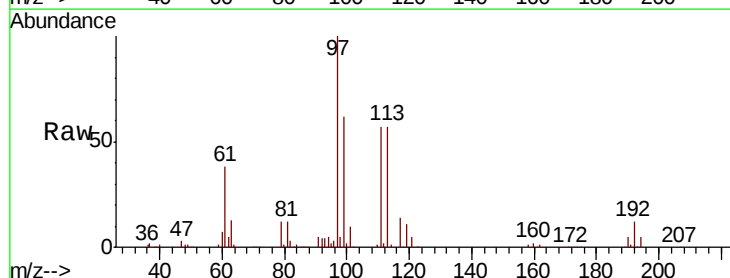
Tgt Ion: 97 Resp: 287129

Ion Ratio Lower Upper

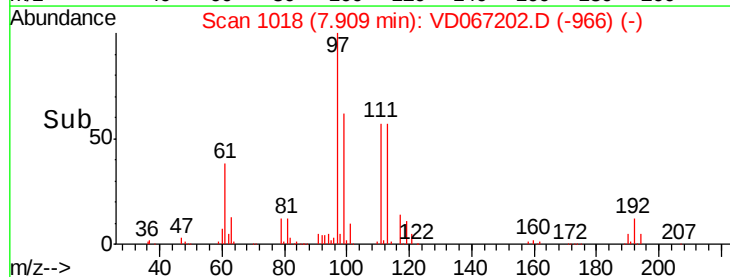
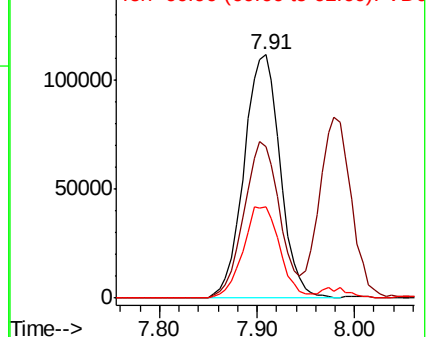
97 100

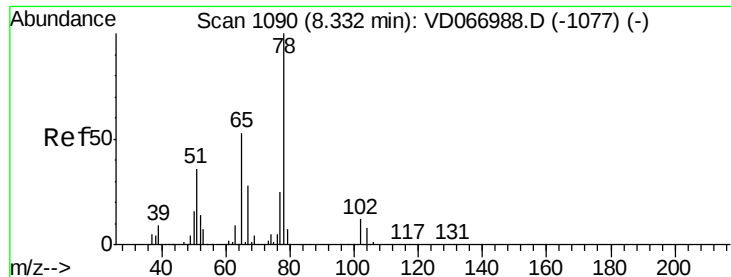
99 63.9 52.6 78.8

61 37.9 32.8 49.2



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

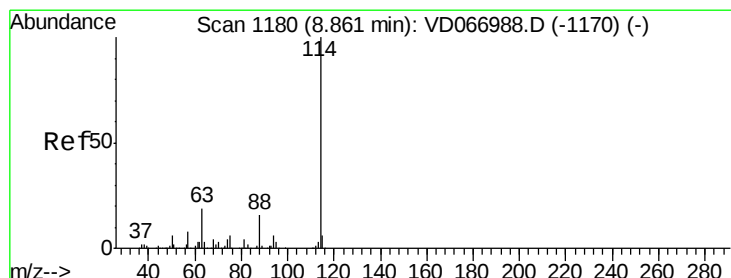
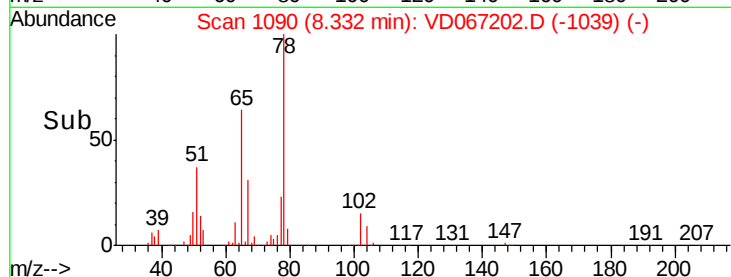
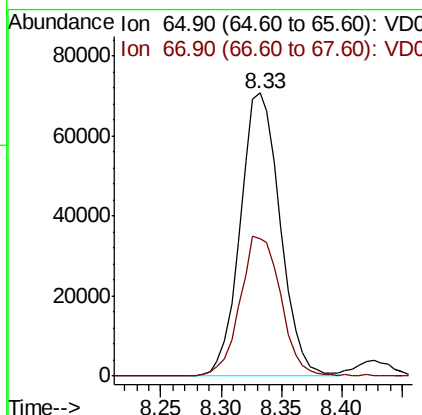
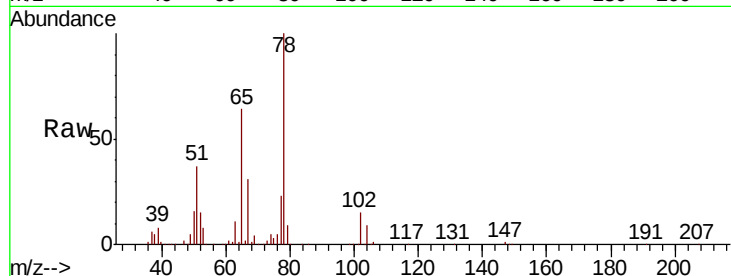




#33
 1,2-Dichloroethane-d4
 Concen: 50.197 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

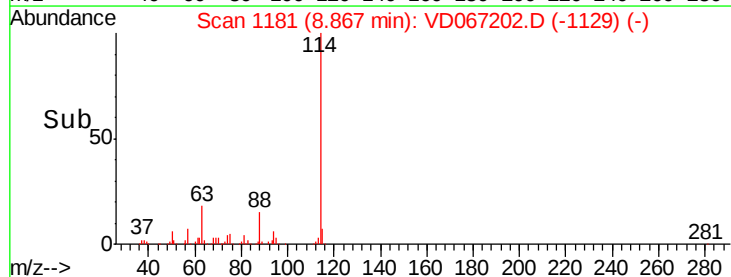
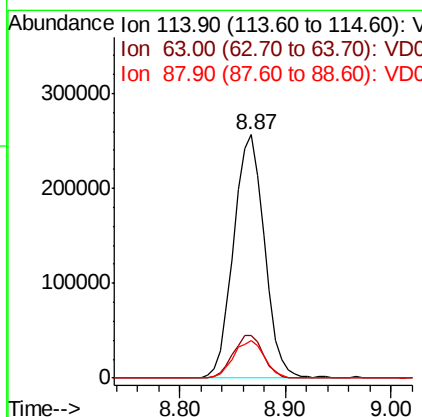
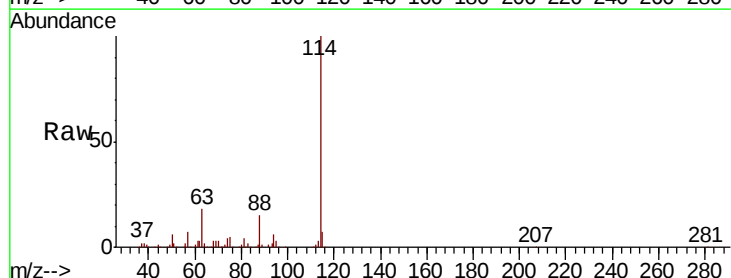
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

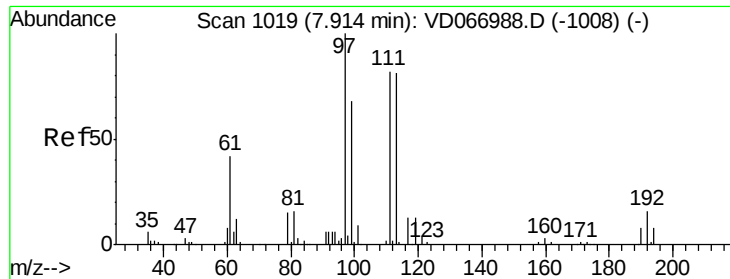
Tot Ion: 65 Resp: 162779
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

Tgt Ion: 114 Resp: 519596
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.4
 88 15.3 0.0 31.2

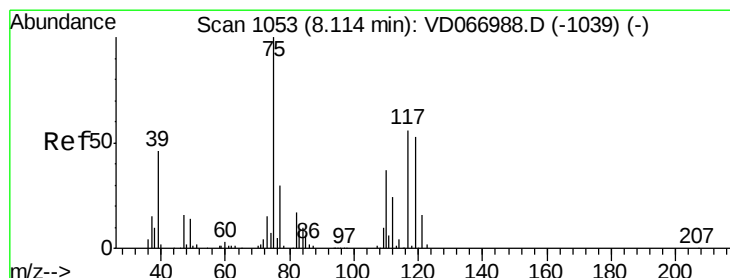
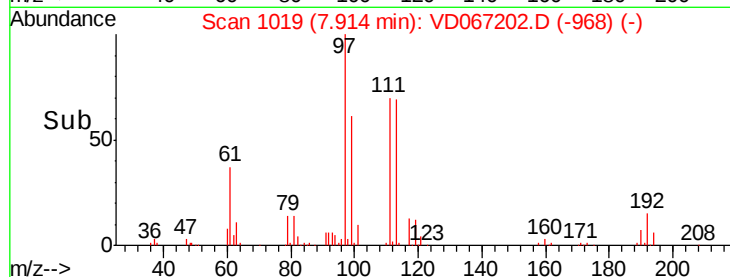
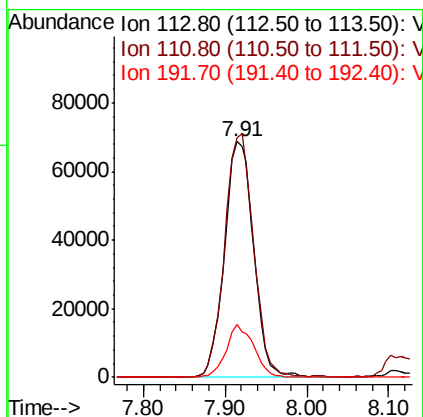
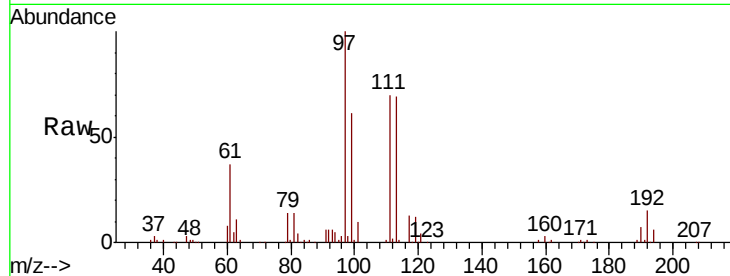




#35
 Dibromofluoromethane
 Concen: 50.074 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

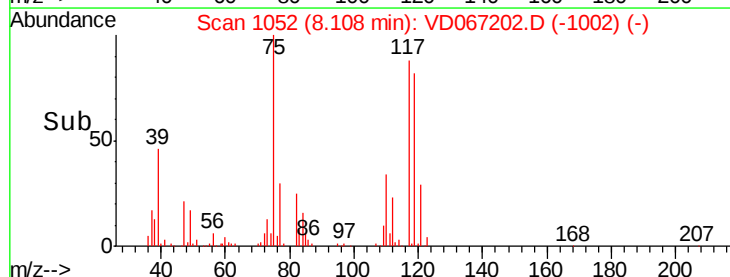
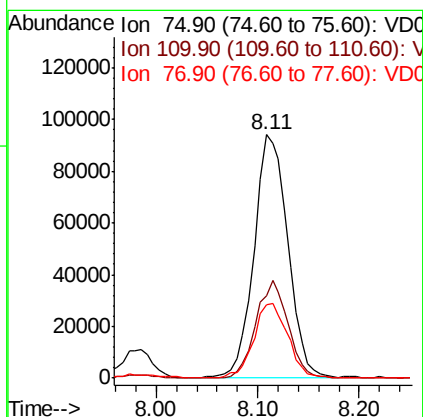
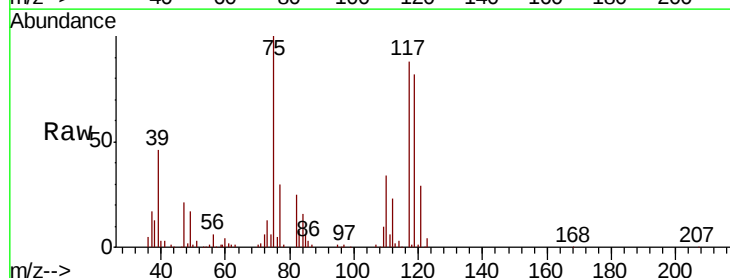
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

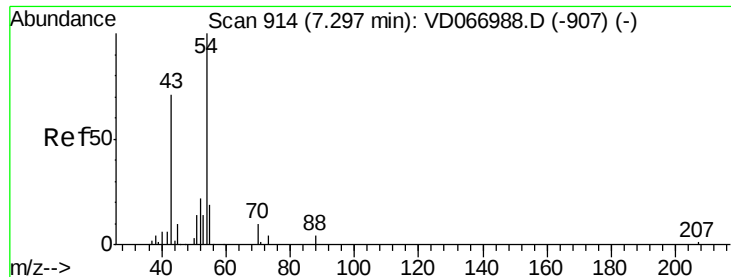
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	21.1	15.5	23.3



#36
 1,1-Dichloropropene
 Concen: 45.072 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	18.4	55.0
77	30.9	24.8	37.2

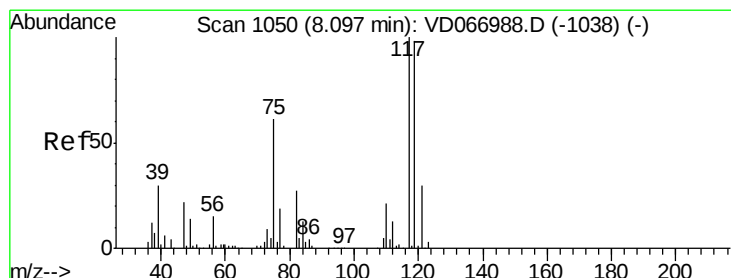
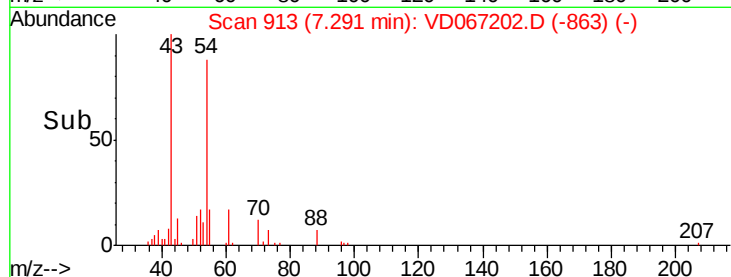
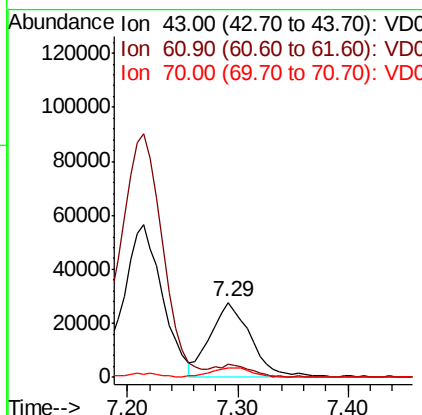
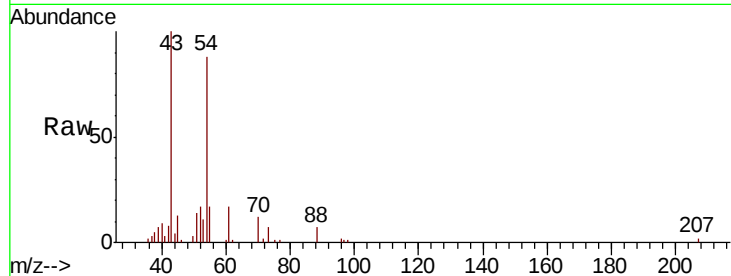




#37
Ethyl Acetate
Concen: 41.434 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

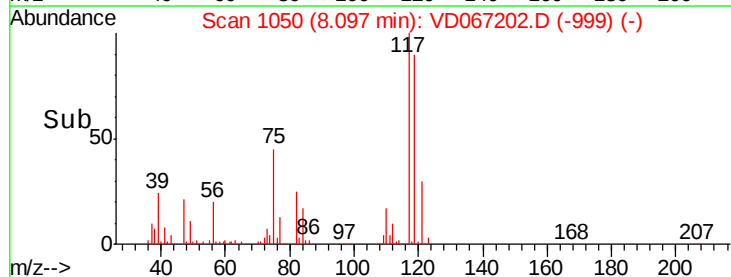
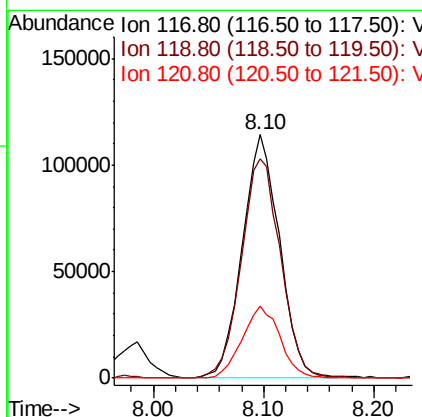
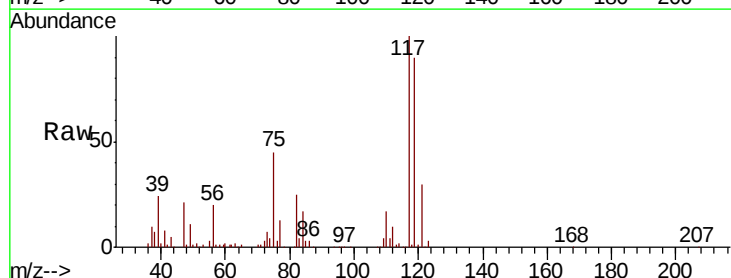
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

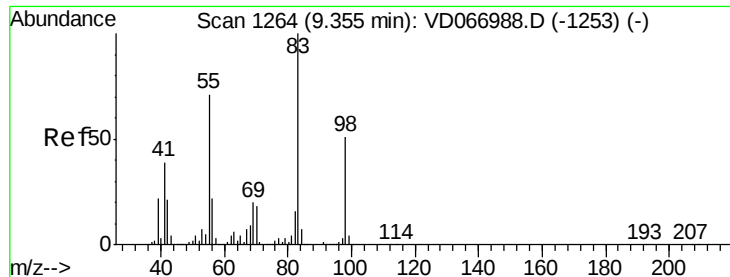
Tot Ion: 43 Resp: 69519
Ion Ratio Lower Upper
43 100
61 15.6 12.5 18.7
70 13.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 51.624 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 117 Resp: 270522
Ion Ratio Lower Upper
117 100
119 89.9 78.7 118.1
121 29.8 24.2 36.2

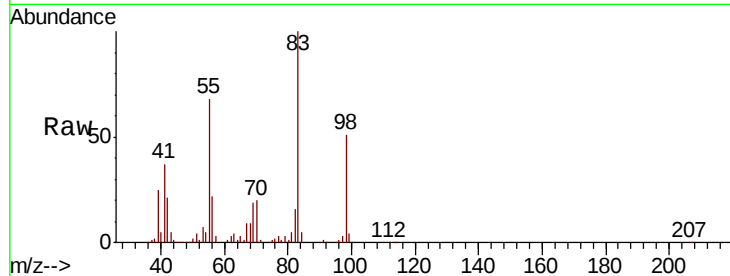




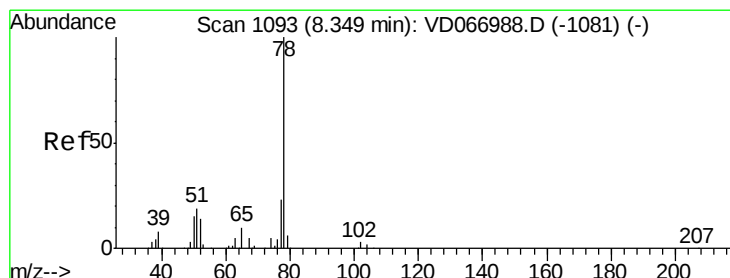
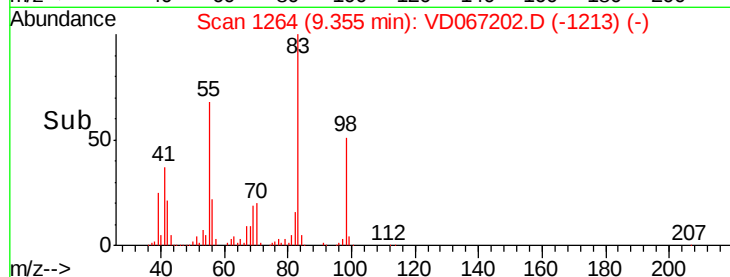
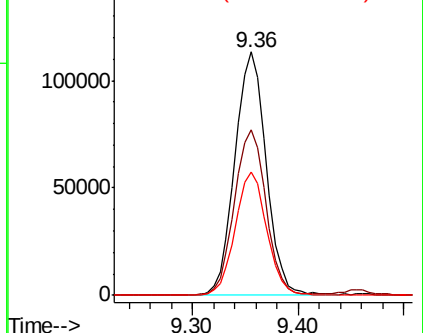
#39
Methvlcvclohexane
Concen: 45.519 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 233079
Ion Ratio Lower Upper
83 100
55 67.9 57.1 85.7
98 50.9 40.9 61.3

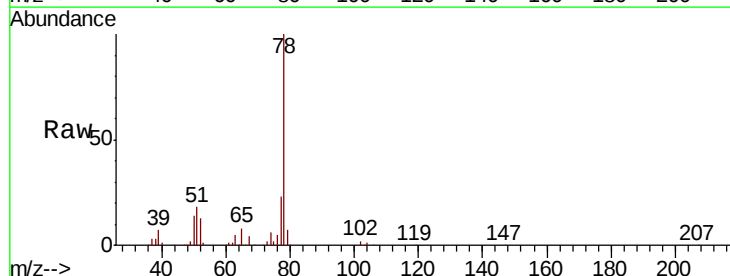


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

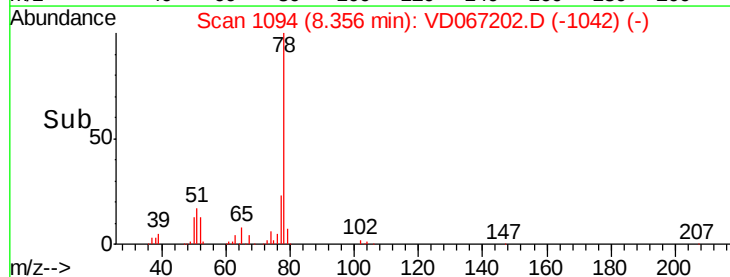
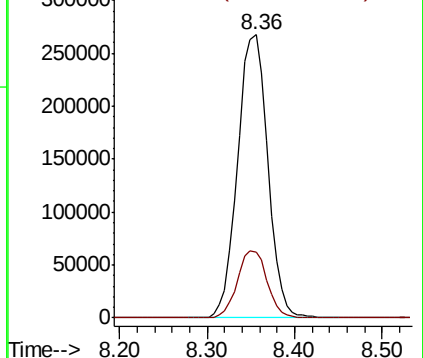


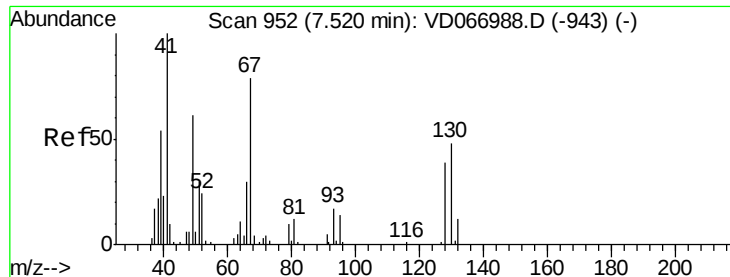
#40
Benzene
Concen: 46.402 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 78 Resp: 624216
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6



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





#41

Methacrylonitrile

Concen: 47.720 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 43255

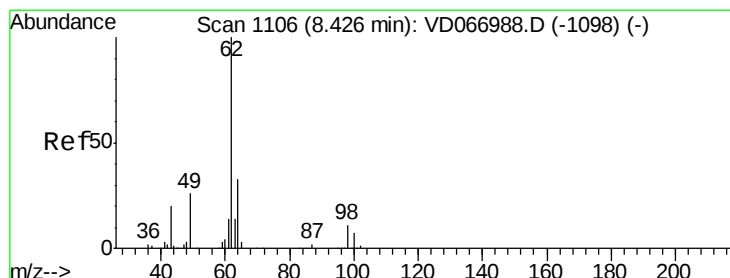
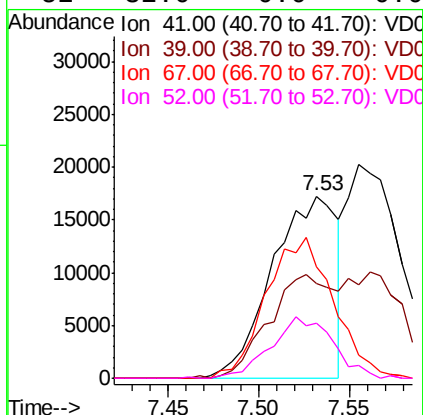
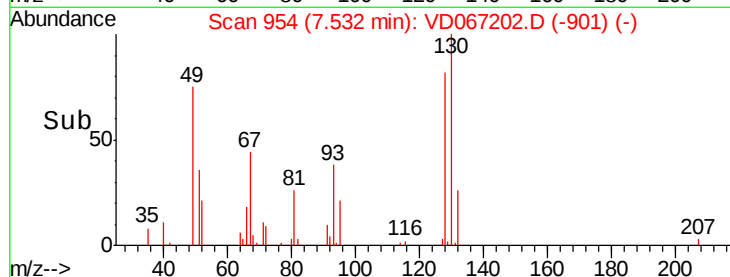
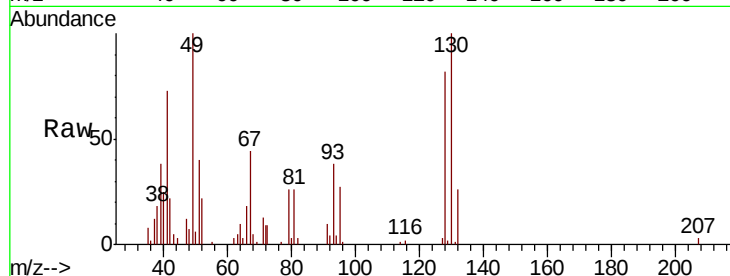
Ion Ratio Lower Upper

41 100

39 57.5 0.0 0.0#

67 79.8 0.0 0.0#

52 32.0 0.0 0.0#



#42

1,2-Dichloroethane

Concen: 49.650 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067202.D

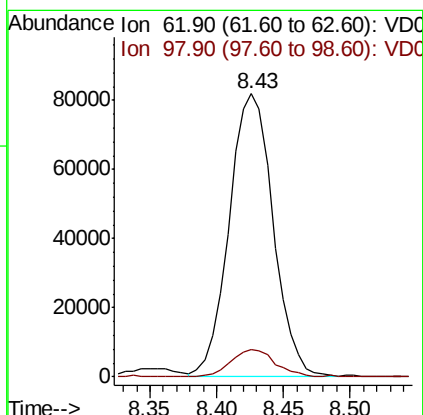
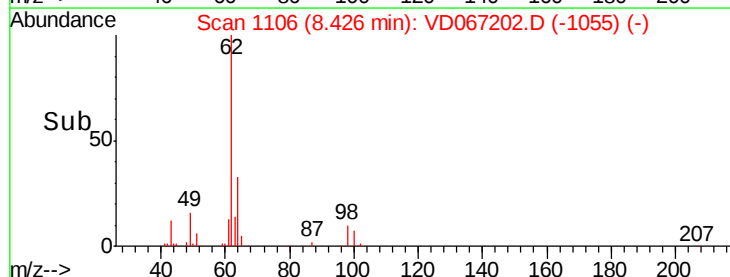
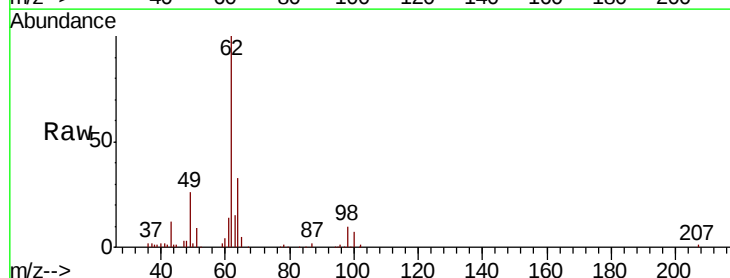
Acq: 08 Oct 2020 18:43

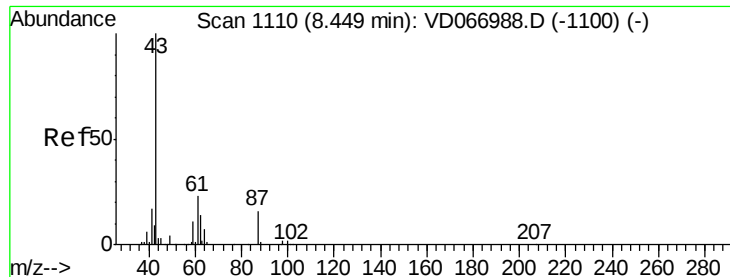
Tgt Ion: 62 Resp: 186633

Ion Ratio Lower Upper

62 100

98 9.7 0.0 22.6





#43

Isopropyl Acetate

Concen: 41.757 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

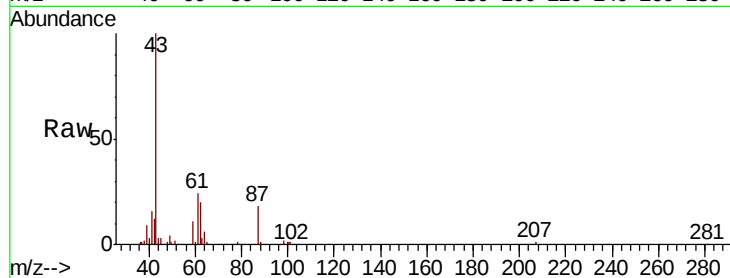
Tot Ion: 43 Resp: 129066

Ion Ratio Lower Upper

43 100

61 38.1 27.1 40.7

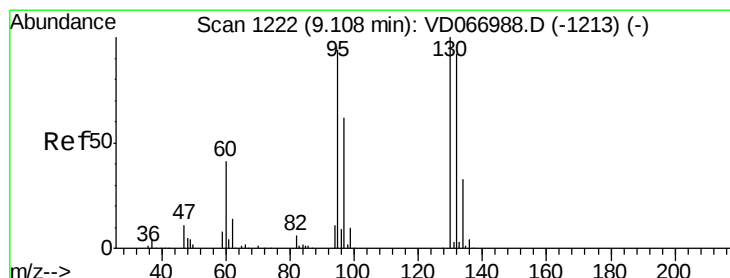
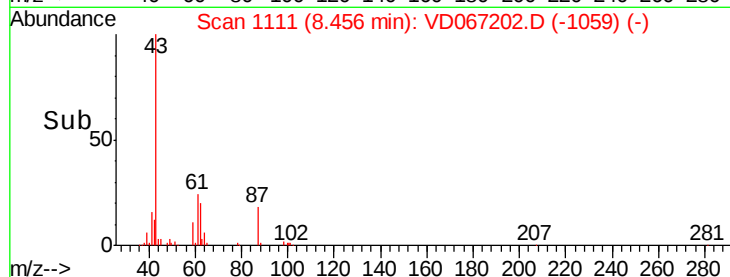
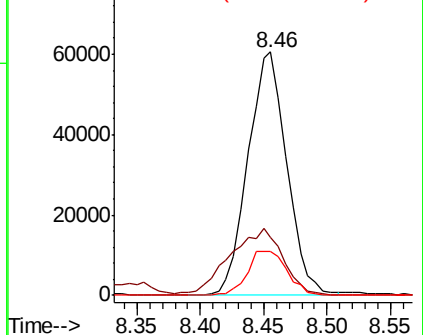
87 18.7 12.3 18.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 48.818 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067202.D

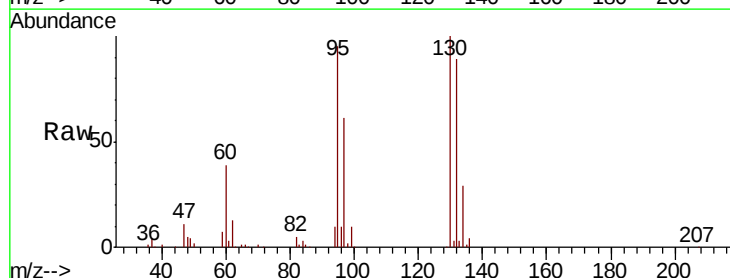
Acq: 08 Oct 2020 18:43

Tgt Ion: 130 Resp: 196099

Ion Ratio Lower Upper

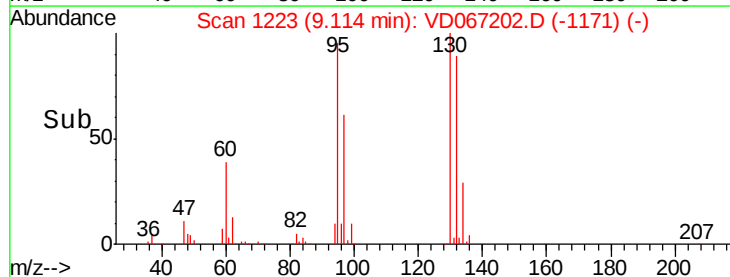
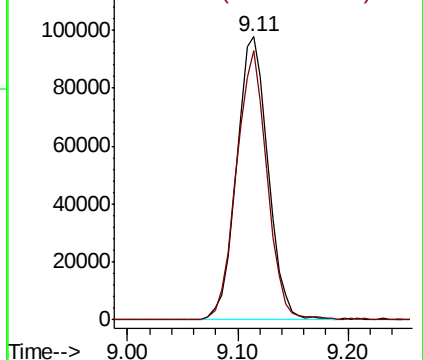
130 100

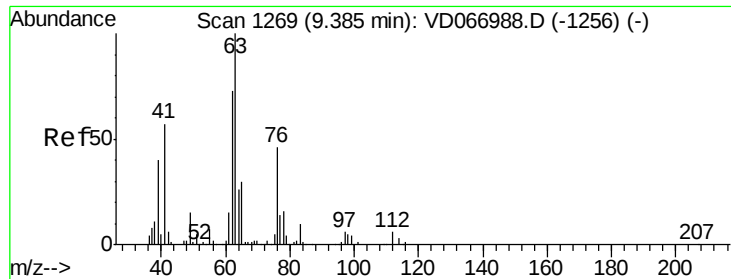
95 95.1 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 44.780 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

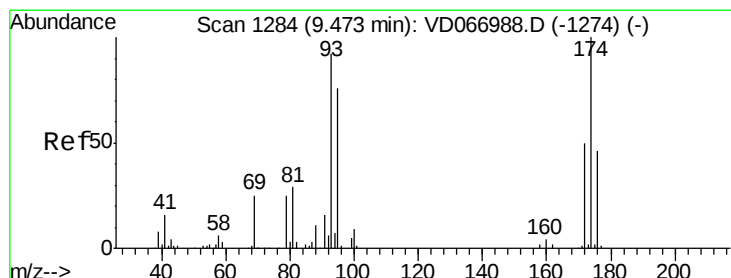
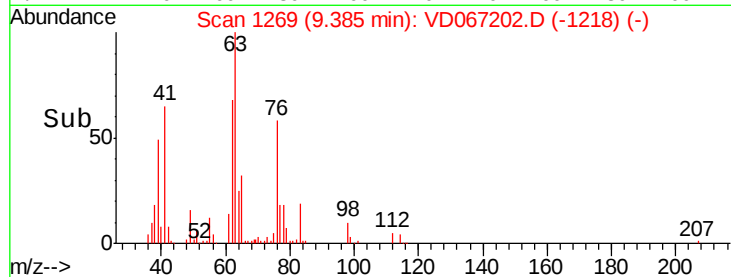
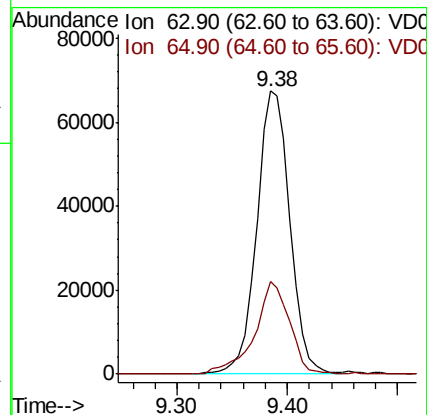
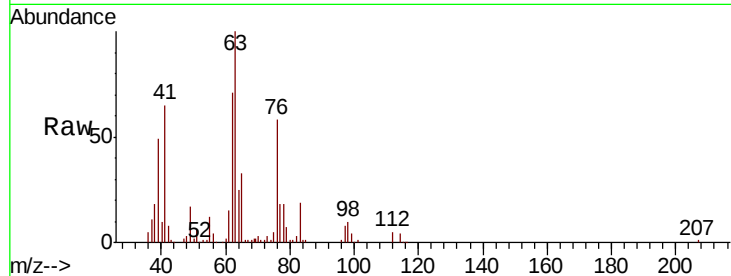
VSTDCCC050EC

Tot Ion: 63 Resp: 141540

Ion Ratio Lower Upper

63 100

65 32.7 23.7 35.5



#46

Dibromomethane

Concen: 48.746 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

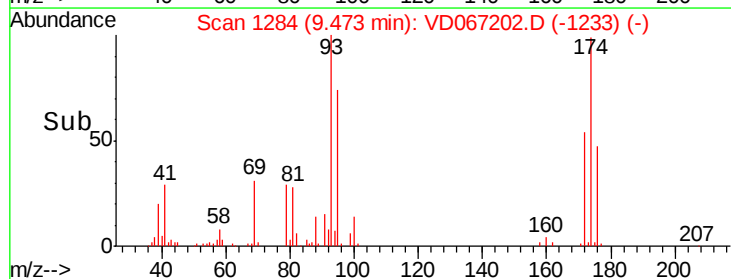
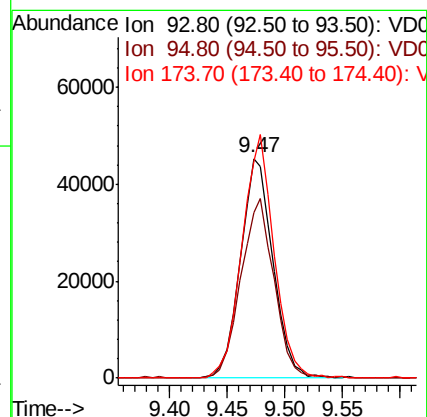
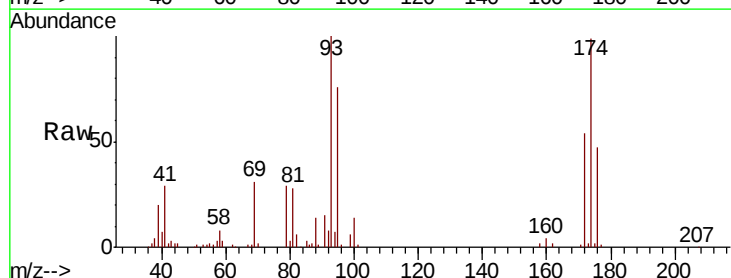
Tgt Ion: 93 Resp: 88555

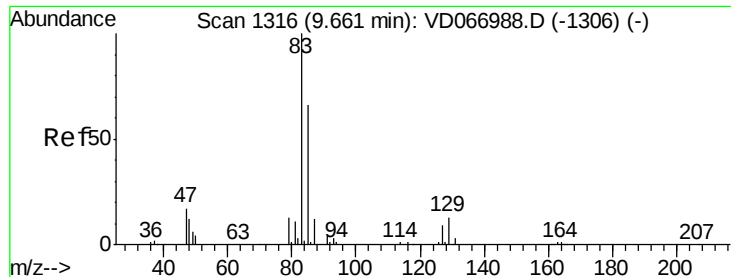
Ion Ratio Lower Upper

93 100

95 83.3 64.7 97.1

174 108.6 81.4 122.2

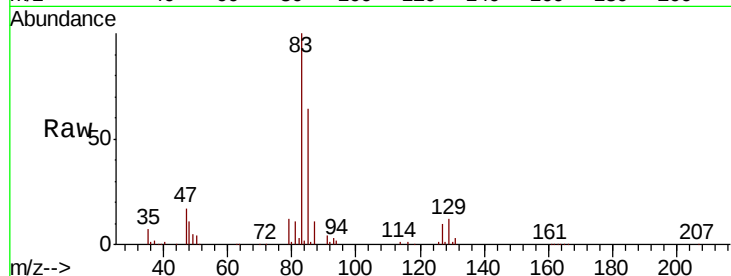




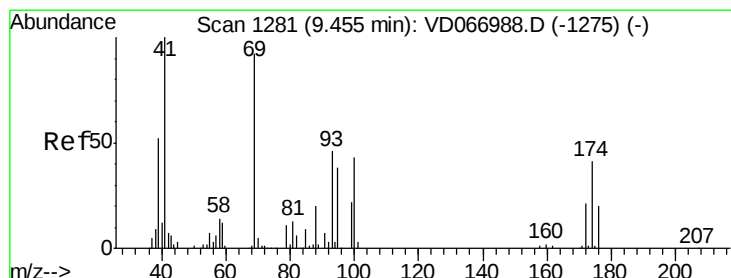
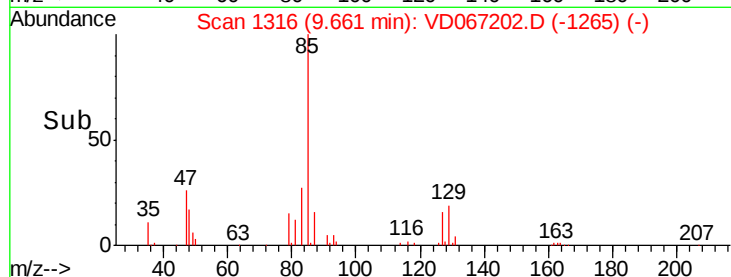
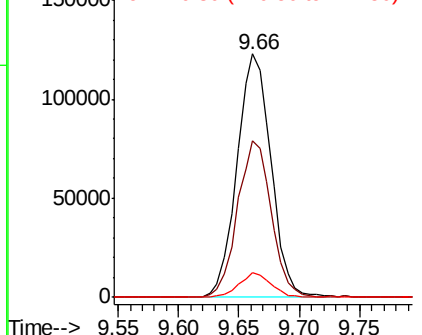
#47
Bromodichloromethane
Concen: 51.212 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 241839
Ion Ratio Lower Upper
83 100
85 64.4 52.9 79.3
127 10.3 7.3 10.9

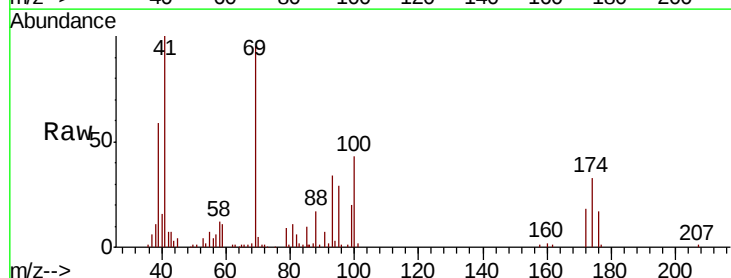


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

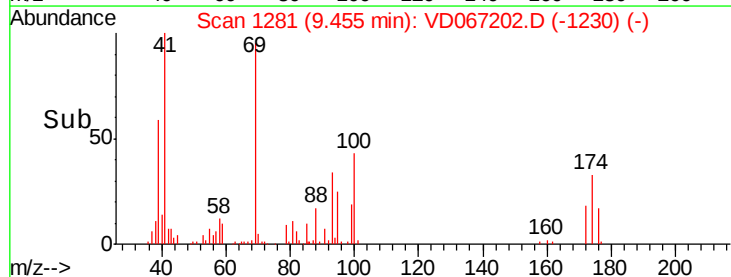
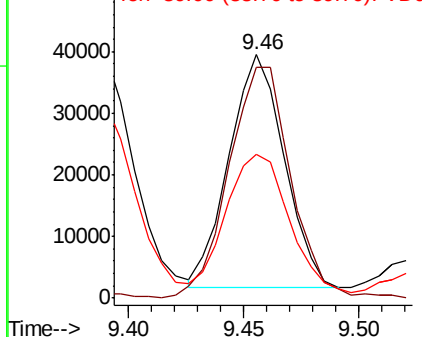


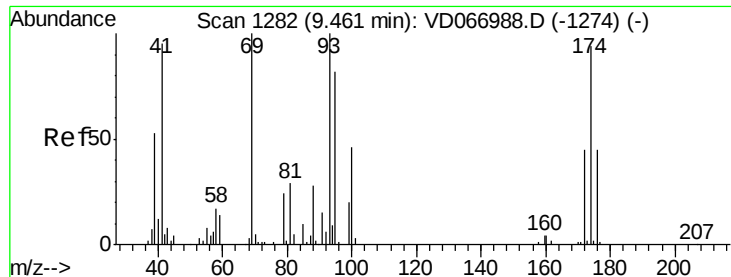
#48
Methyl methacrylate
Concen: 39.729 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 41 Resp: 62911
Ion Ratio Lower Upper
41 100
69 112.2 68.5 102.7#
39 73.1 40.2 60.2#



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





#49

1,4-Dioxane

Concen: 895.195 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

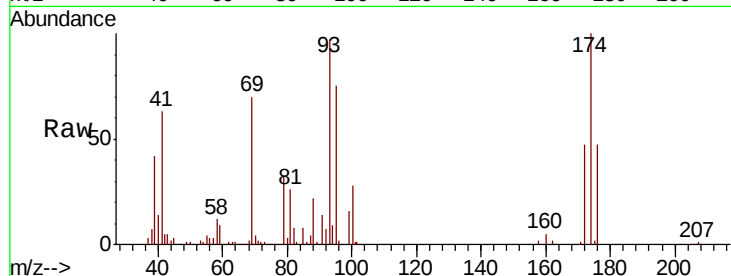
Tot Ion: 88 Resp: 16973

Ion Ratio Lower Upper

88 100

43 30.5 25.6 38.4

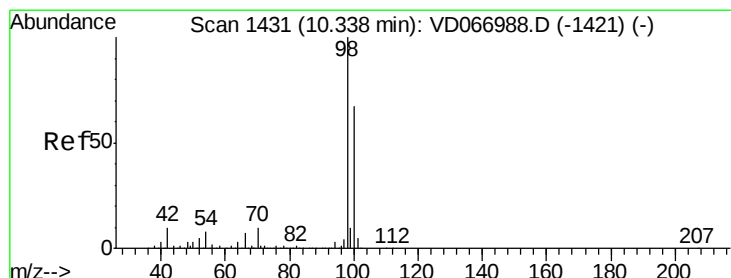
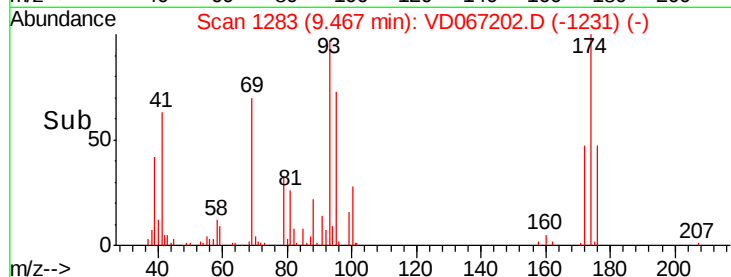
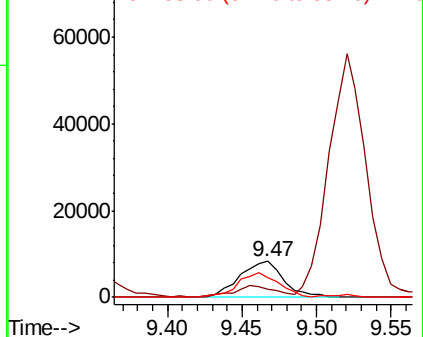
58 64.9 53.5 80.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 48.935 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067202.D

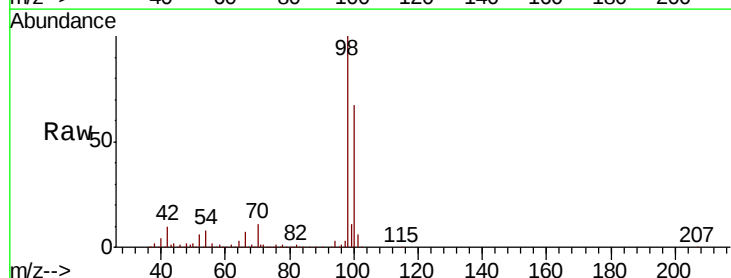
Acq: 08 Oct 2020 18:43

Tgt Ion: 98 Resp: 606567

Ion Ratio Lower Upper

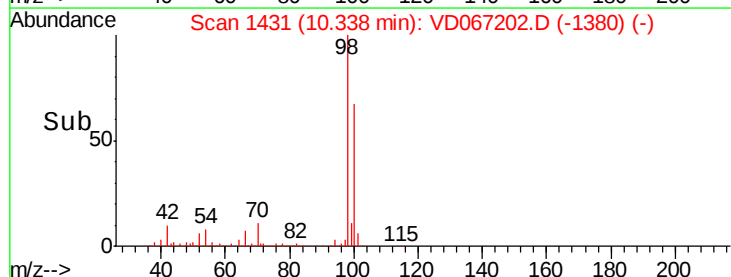
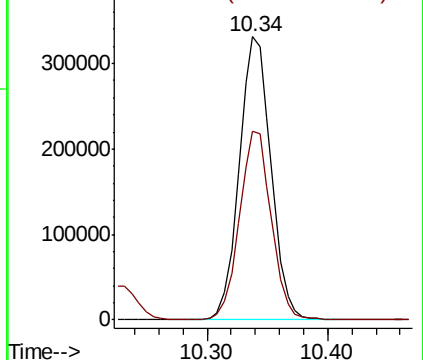
98 100

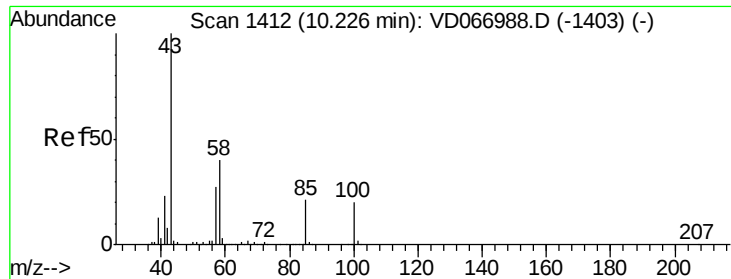
100 67.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 219.253 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

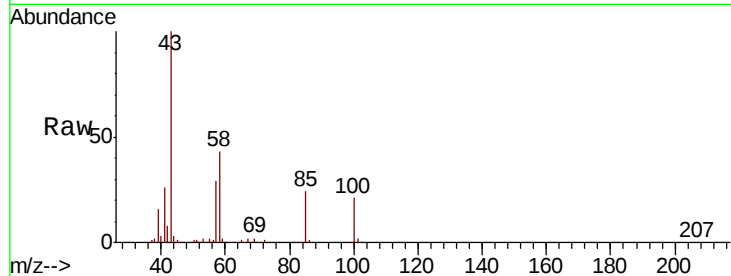
VSTDCCC050EC

Tot Ion: 43 Resp: 337556

Ion Ratio Lower Upper

43 100

58 43.9 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

200000

150000

100000

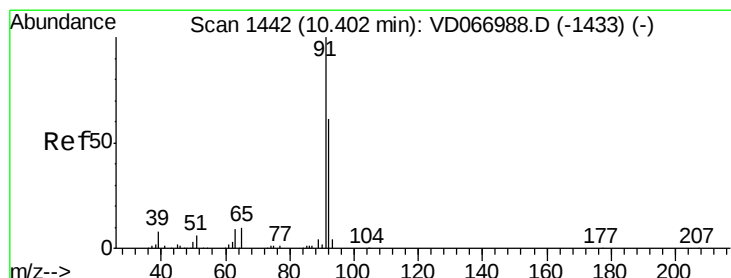
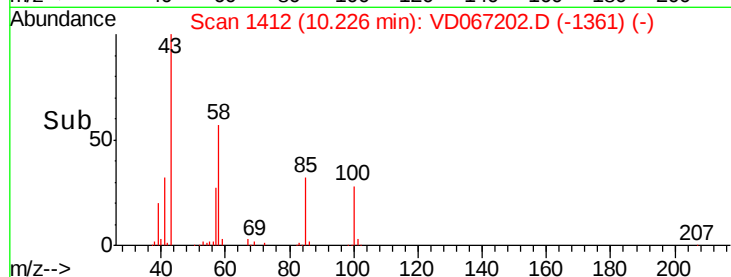
50000

0

10.20

10.30

Time-->



#52

Toluene

Concen: 49.446 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067202.D

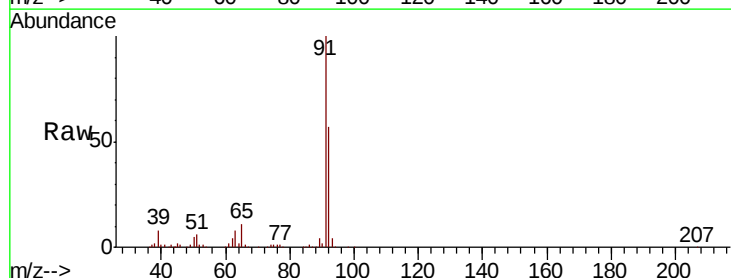
Acq: 08 Oct 2020 18:43

Tgt Ion: 92 Resp: 428478

Ion Ratio Lower Upper

92 100

91 168.9 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

400000

300000

200000

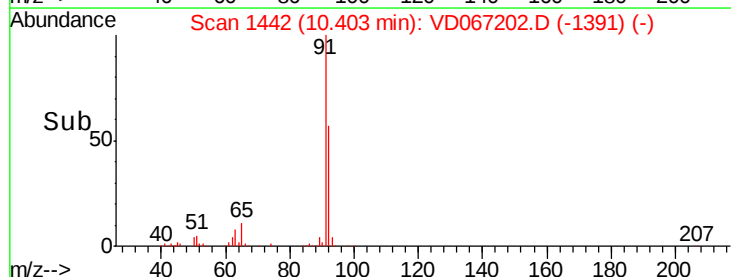
100000

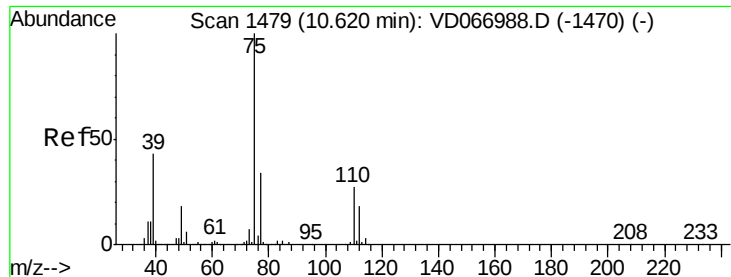
0

10.30

10.50

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.304 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

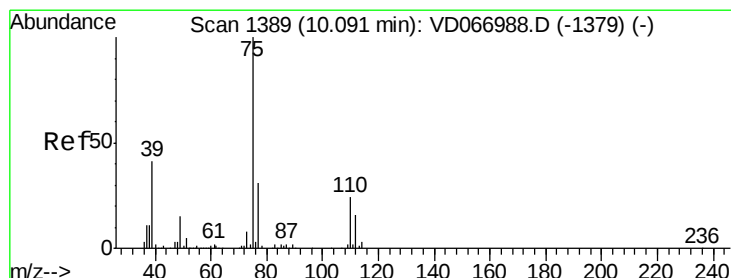
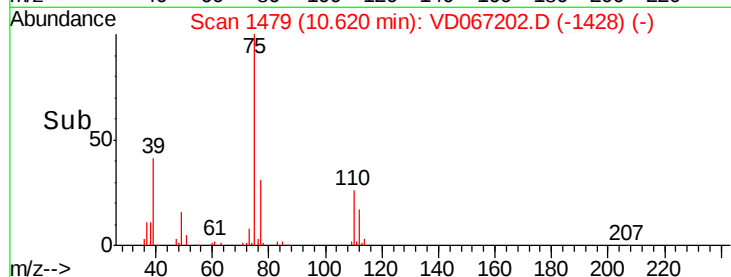
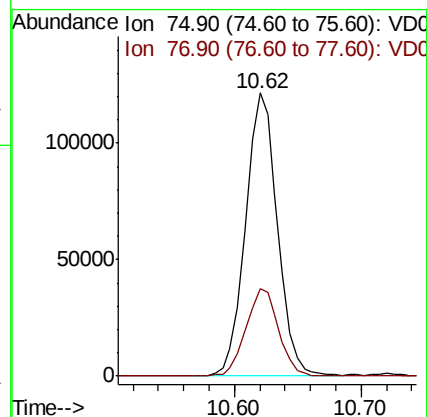
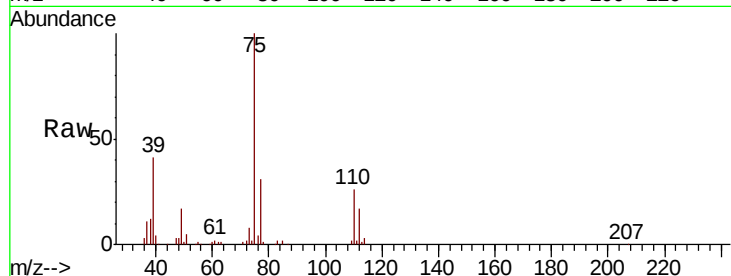
VSTDCCC050EC

Tot Ion: 75 Resp: 212308

Ion Ratio Lower Upper

75 100

77 31.0 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 48.112 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

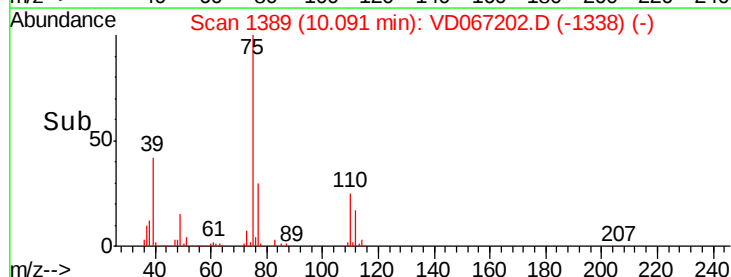
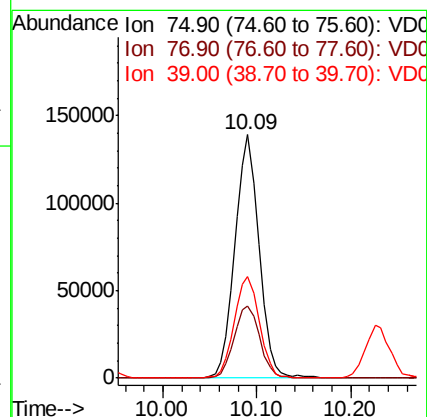
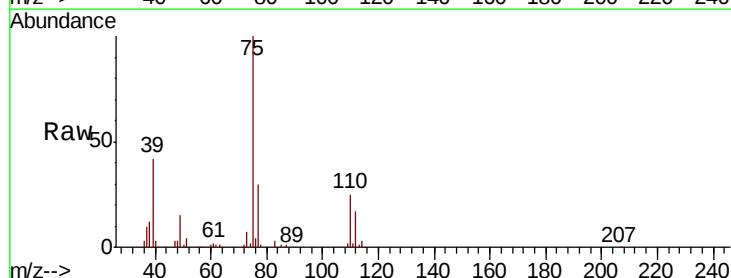
Tgt Ion: 75 Resp: 247951

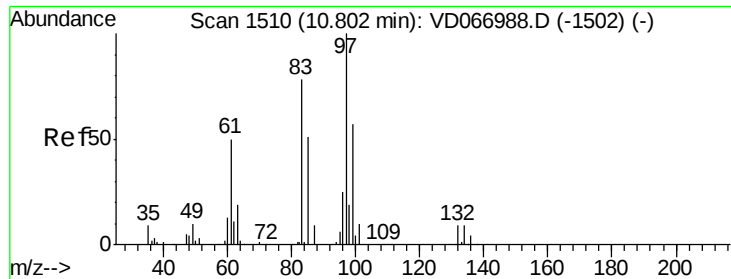
Ion Ratio Lower Upper

75 100

77 29.6 24.6 37.0

39 41.3 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 48.436 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 122336

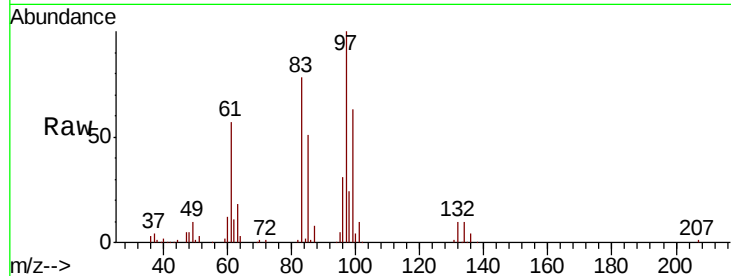
Ion Ratio Lower Upper

97 100

83 78.3 62.4 93.6

85 50.7 41.0 61.4

99 62.5 45.9 68.9

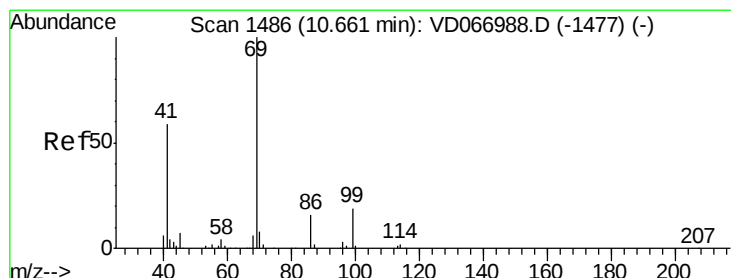
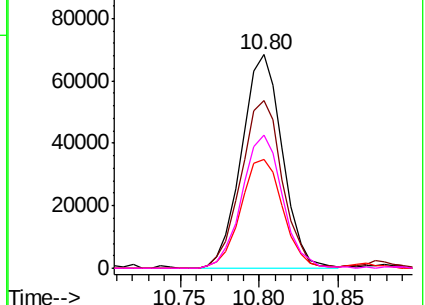
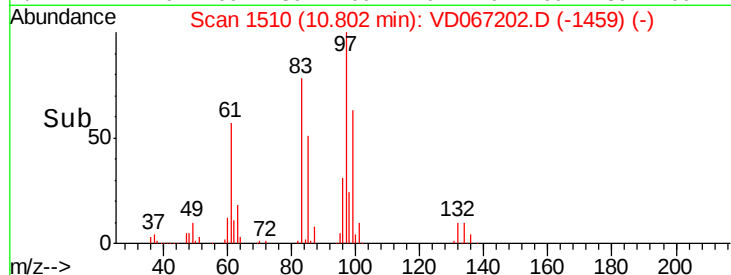


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 52.066 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

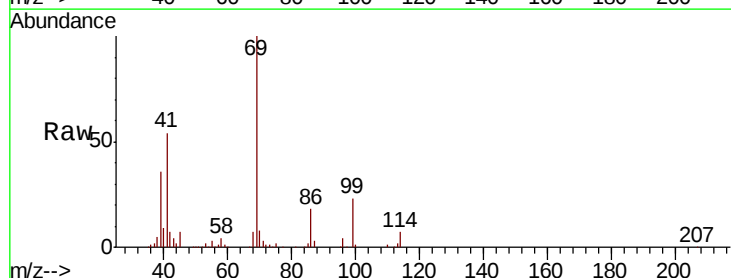
Tgt Ion: 69 Resp: 135770

Ion Ratio Lower Upper

69 100

41 54.0 46.4 69.6

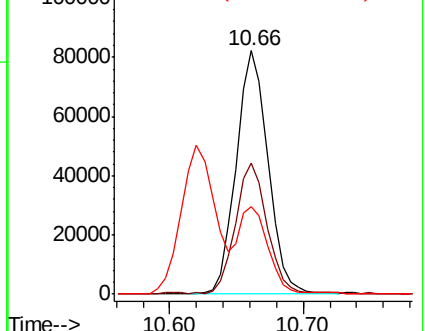
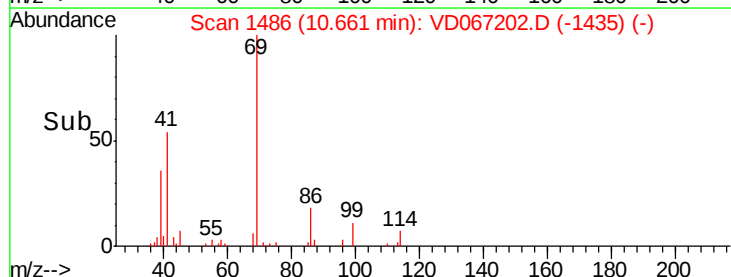
39 34.7 23.8 35.6

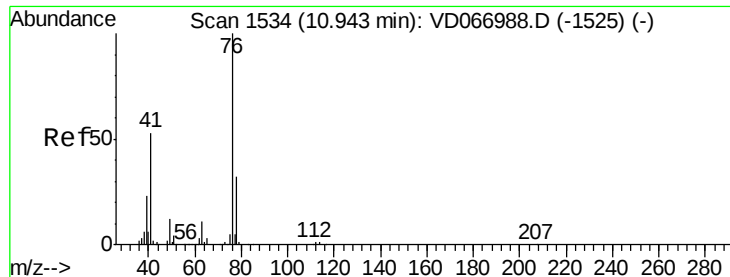


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 48.378 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

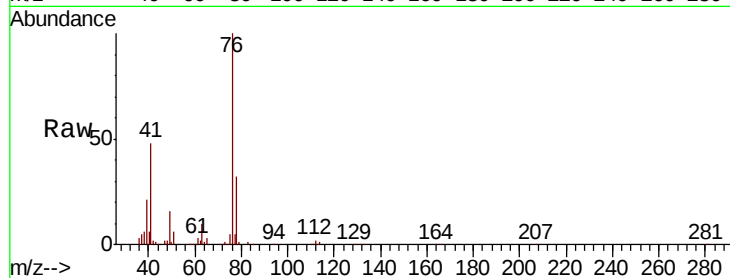
VSTDCCC050EC

Tot Ion: 76 Resp: 198143

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

120000

100000

80000

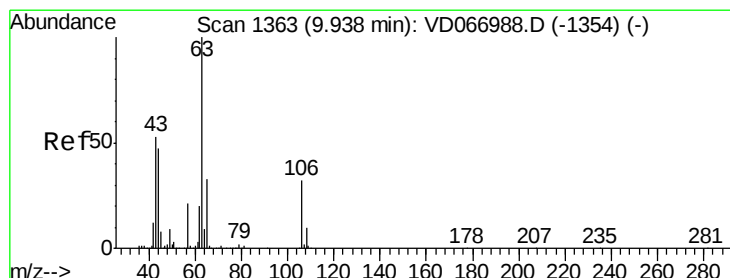
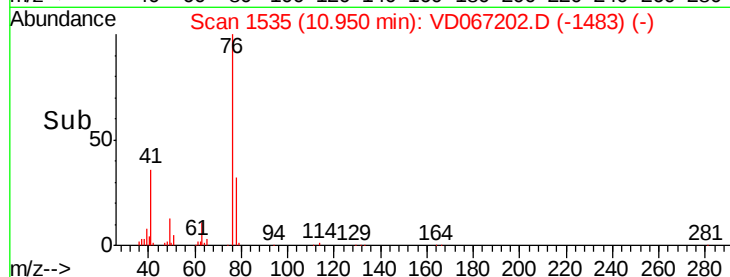
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 244.000 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067202.D

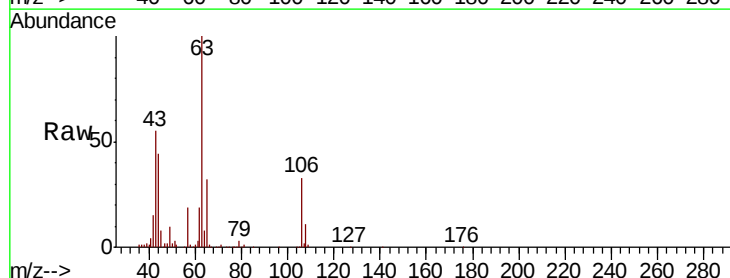
Acq: 08 Oct 2020 18:43

Tgt Ion: 63 Resp: 354134

Ion Ratio Lower Upper

63 100

106 35.2 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

200000

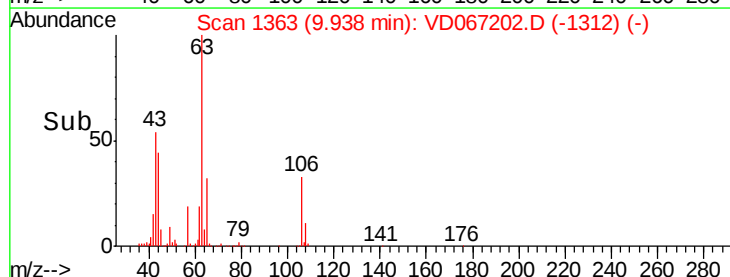
150000

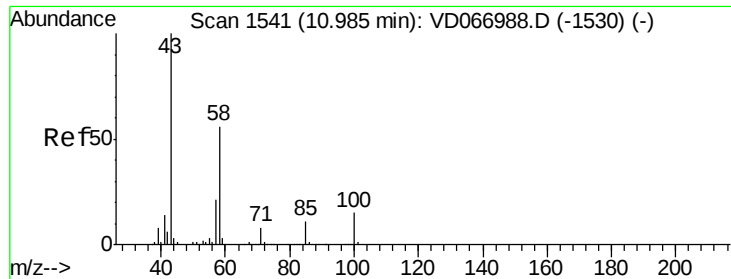
100000

50000

0

Time-->

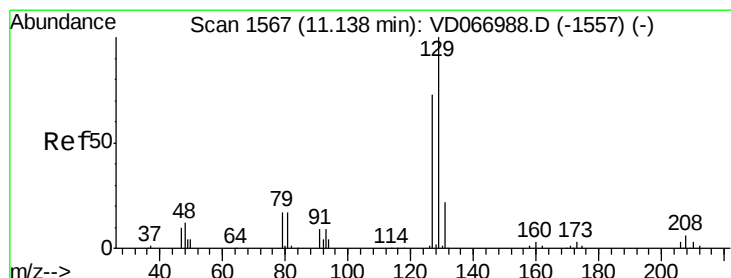
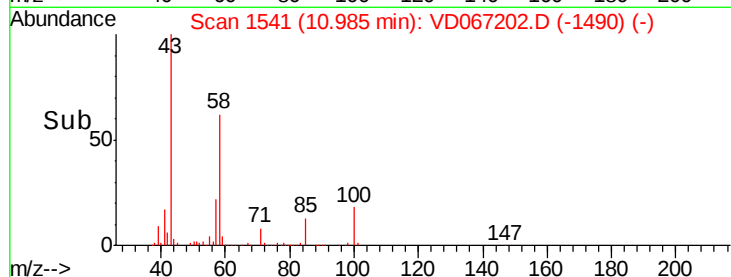
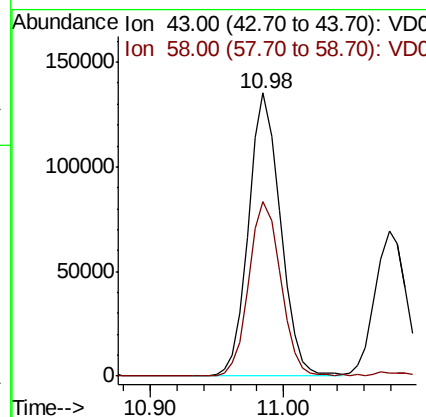
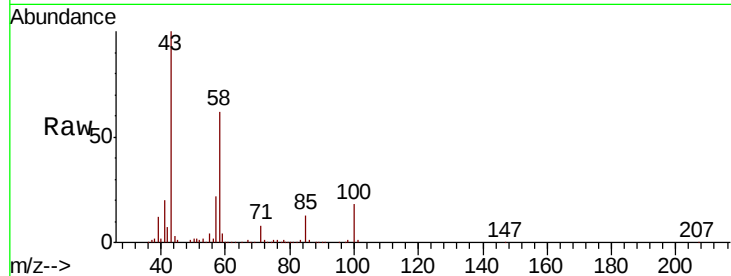




#59
2-Hexanone
Concen: 217.488 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

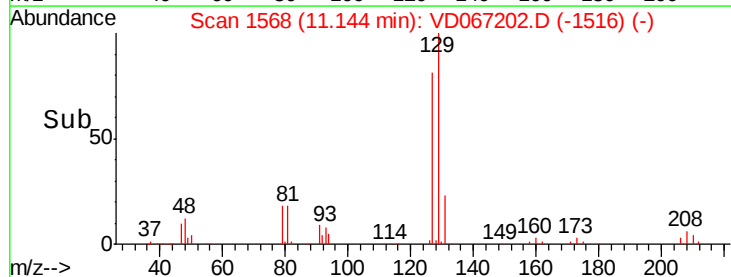
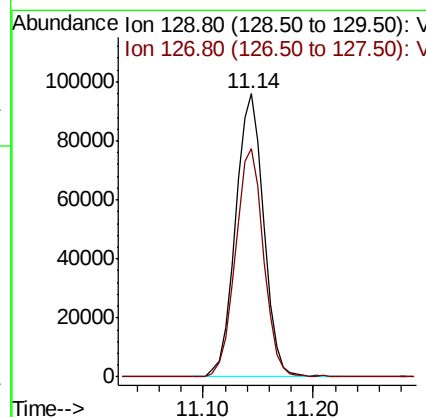
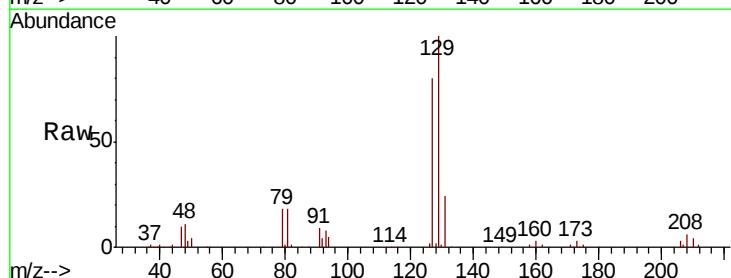
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

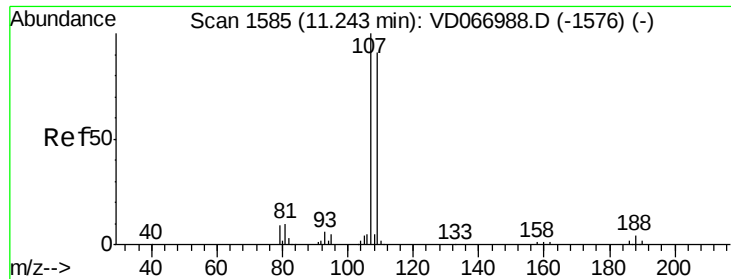
Tot Ion: 43 Resp: 223486
Ion Ratio Lower Upper
43 100
58 61.8 28.3 84.9



#60
Dibromochloromethane
Concen: 51.054 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 129 Resp: 171866
Ion Ratio Lower Upper
129 100
127 80.5 37.4 112.1

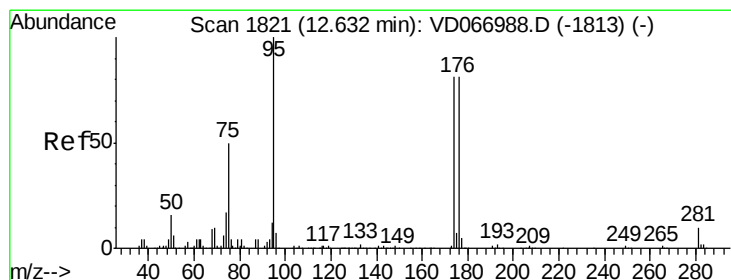
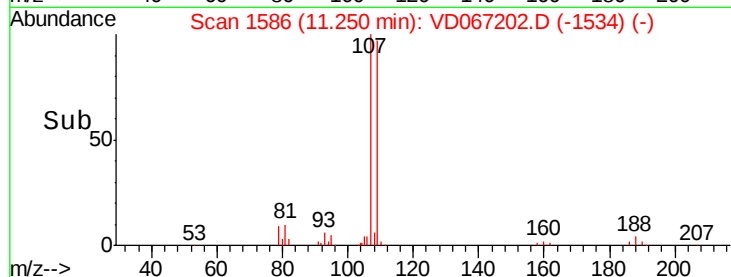
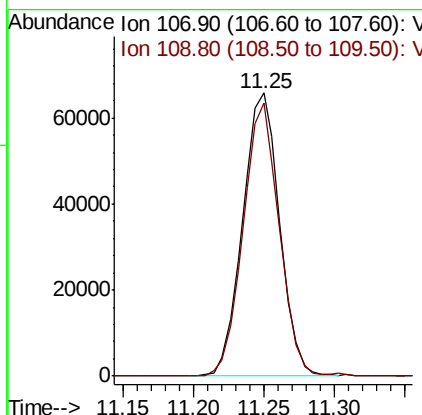
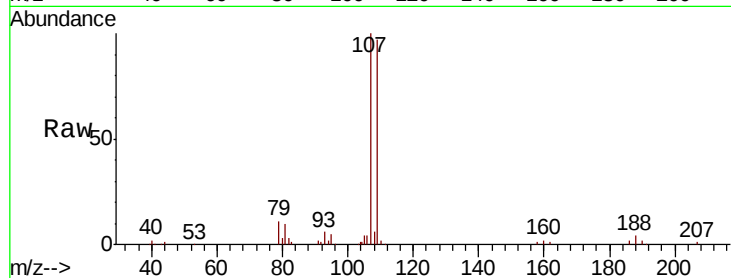




#61
 1,2-Dibromoethane
 Concen: 49.587 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

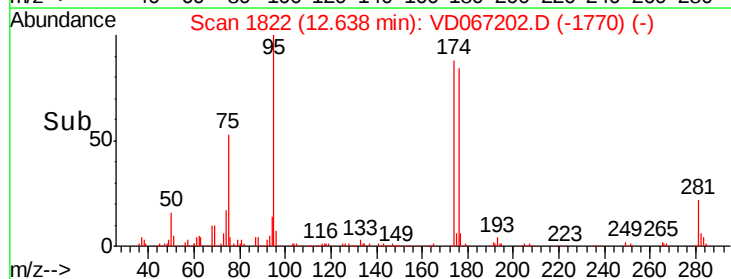
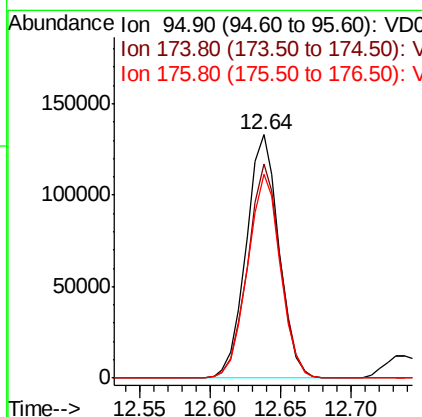
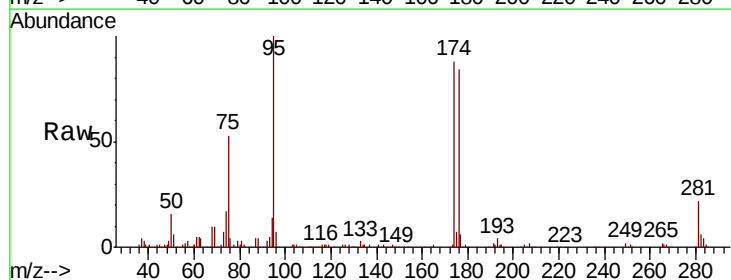
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

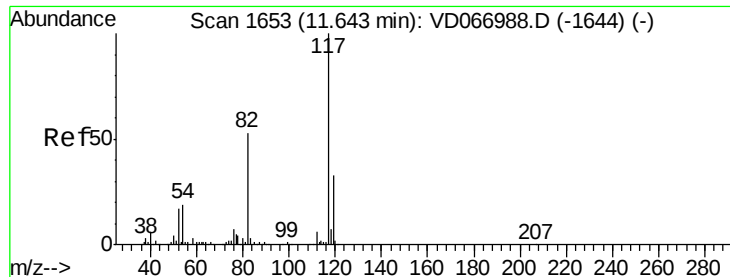
Tot Ion:107 Resp: 120323
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 51.606 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

Tgt Ion: 95 Resp: 217153
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 167.6
 176 83.7 0.0 162.4

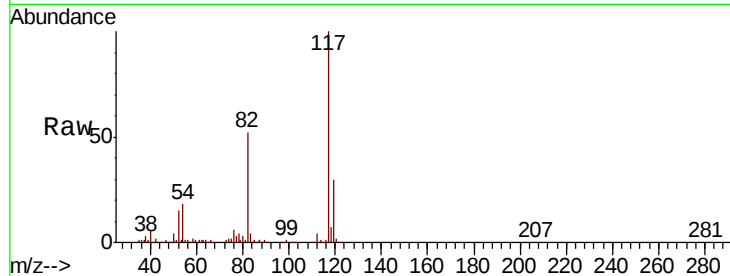




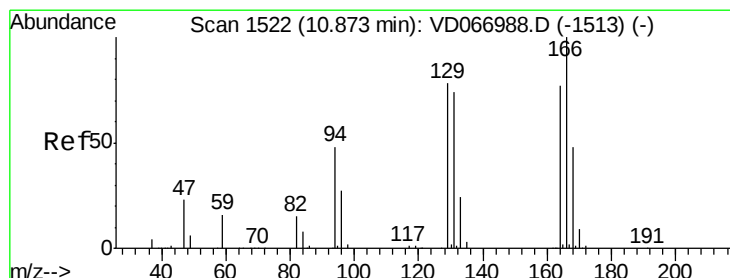
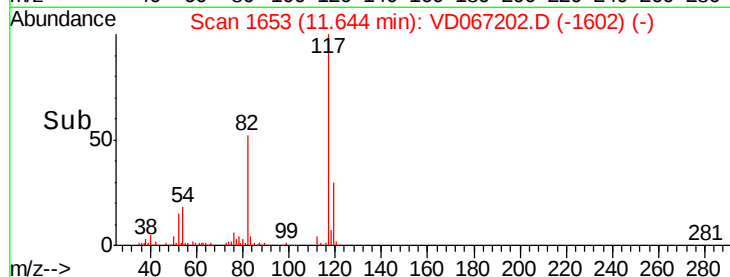
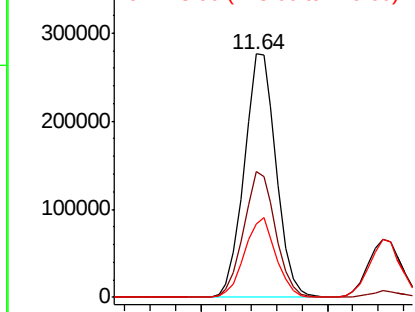
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 483953
Ion Ratio Lower Upper
117 100
82 51.8 42.6 63.8
119 30.0 26.3 39.5

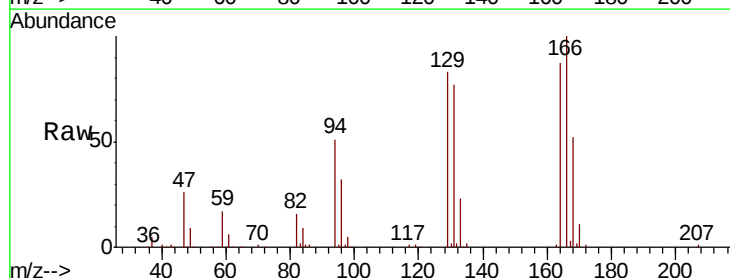


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

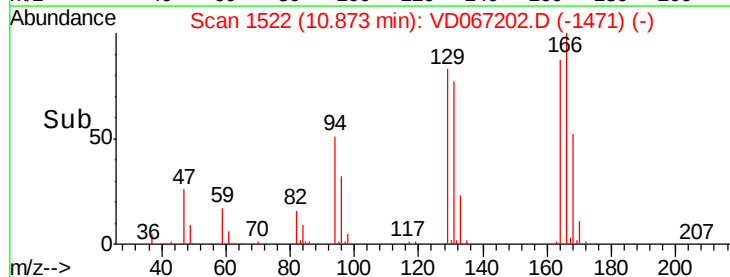
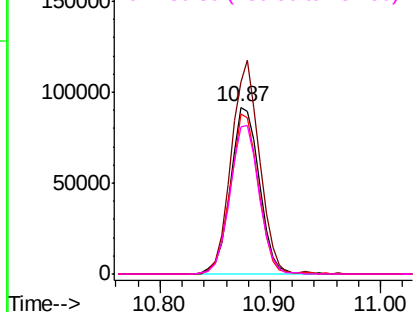


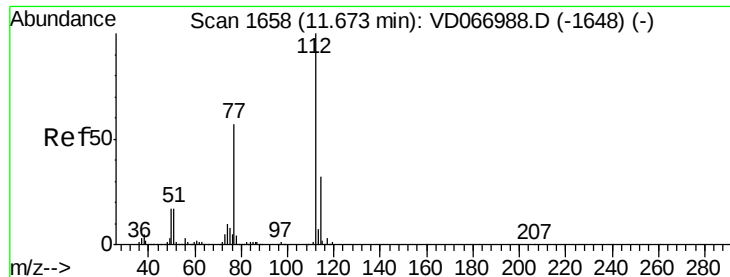
#64
Tetrachloroethene
Concen: 47.991 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion:164 Resp: 168849
Ion Ratio Lower Upper
164 100
166 115.6 104.4 156.6
129 96.0 81.3 121.9
131 88.5 77.1 115.7



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

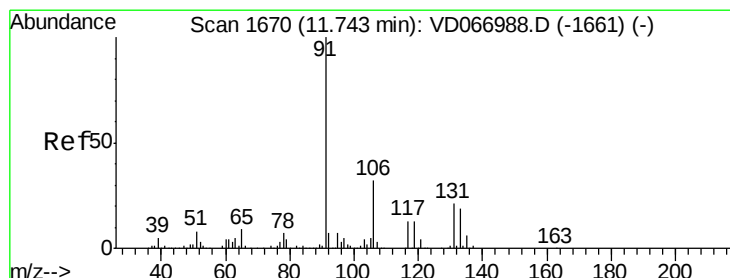
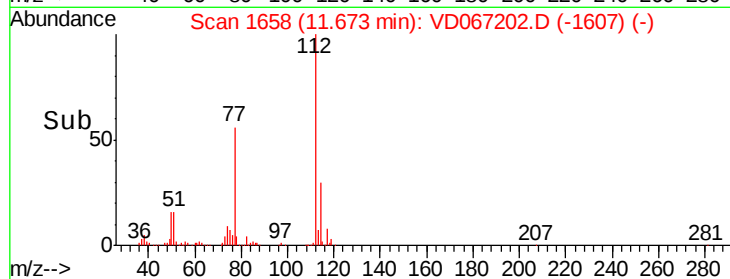
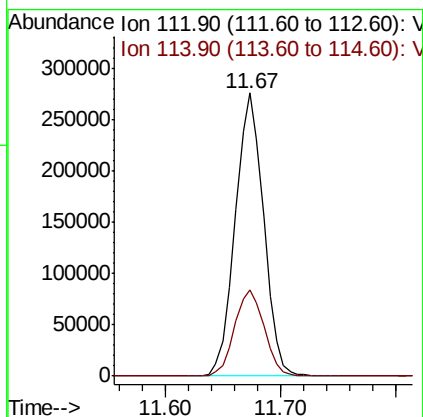
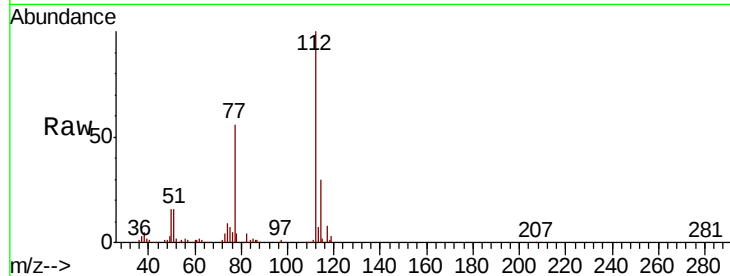




#65
Chlorobenzene
Concen: 48.761 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

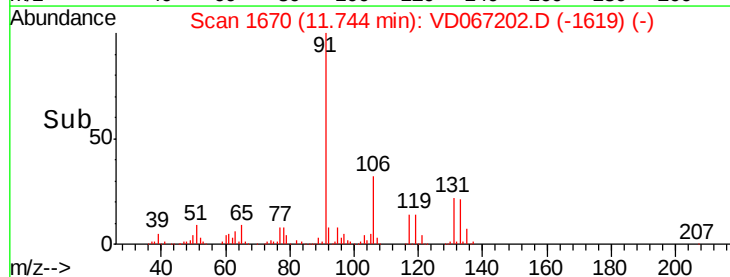
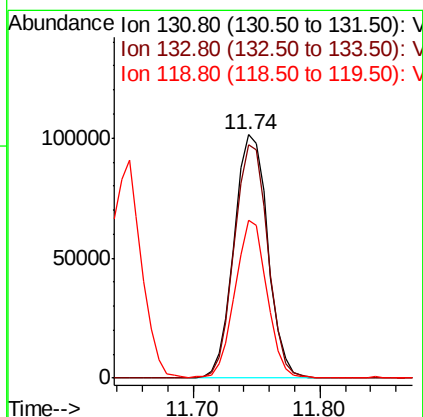
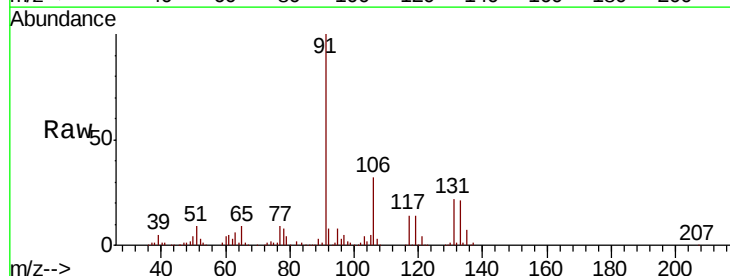
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

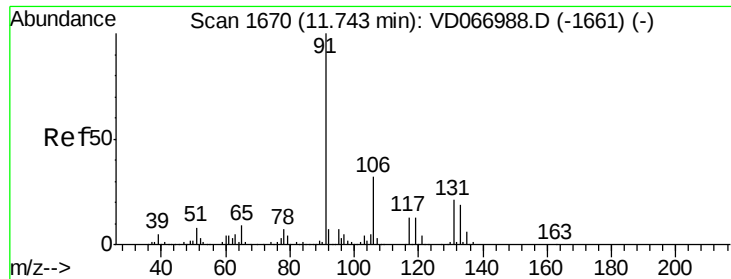
Tot Ion:112 Resp: 469337
Ion Ratio Lower Upper
112 100
114 30.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.171 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion:131 Resp: 187352
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 61.2 32.3 96.8

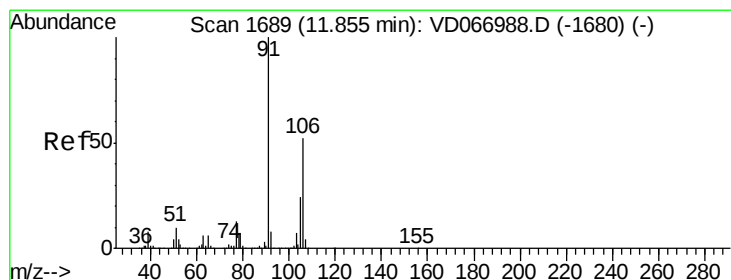
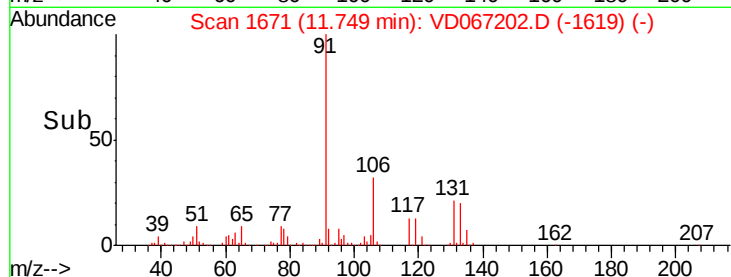
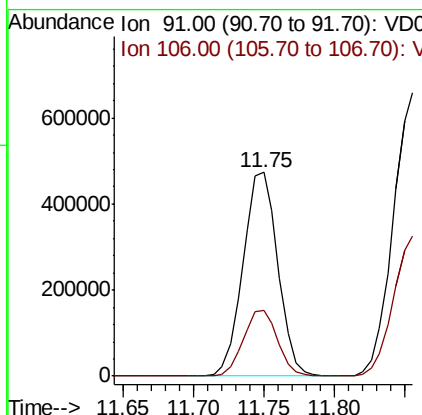
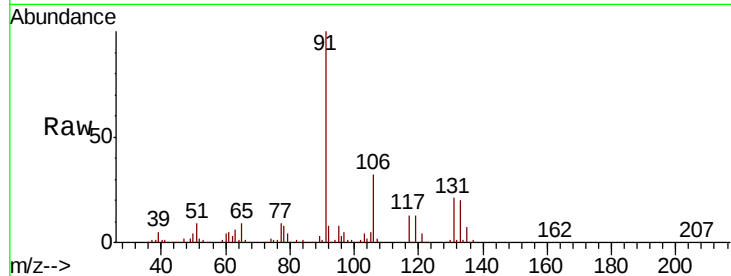




#67
Ethyl Benzene
Concen: 49.680 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

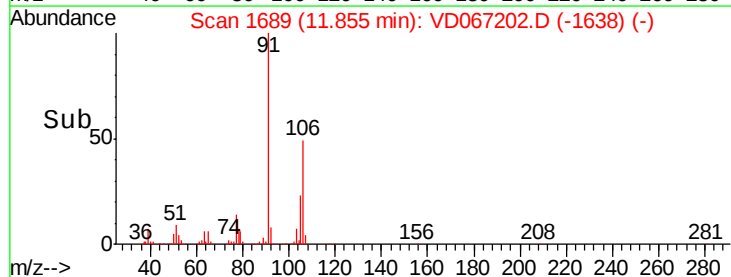
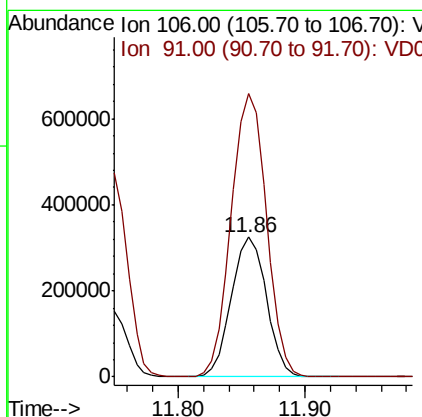
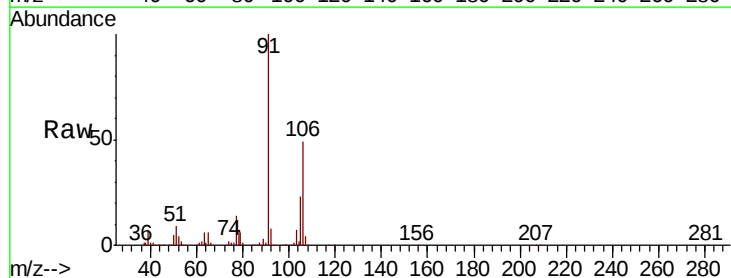
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

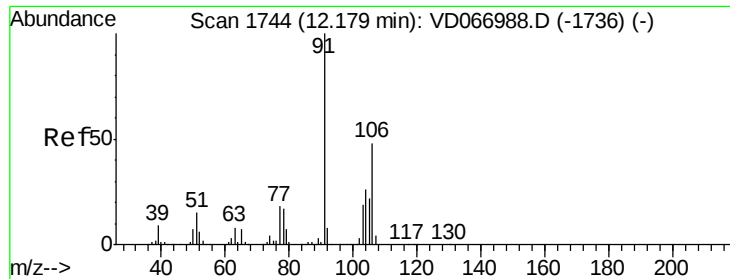
Tot Ion: 91 Resp: 819322
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2



#68
m/p-Xylenes
Concen: 96.816 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 106 Resp: 622246
Ion Ratio Lower Upper
106 100
91 204.4 158.4 237.6

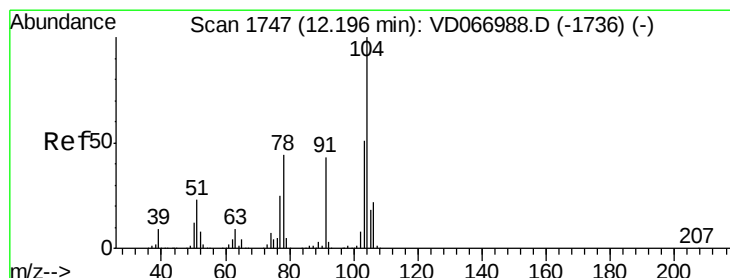
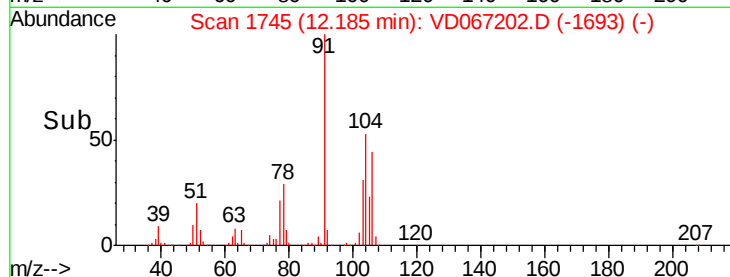
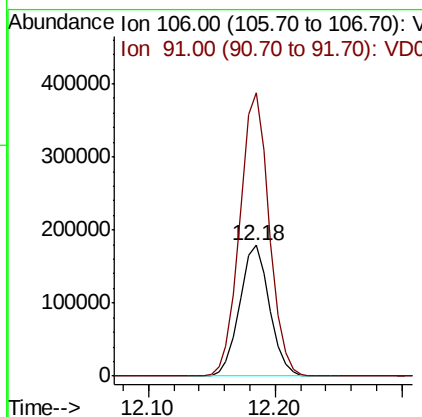
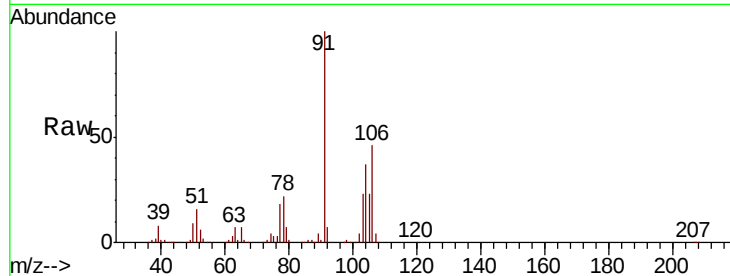




#69
o-Xylene
Concen: 50.710 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

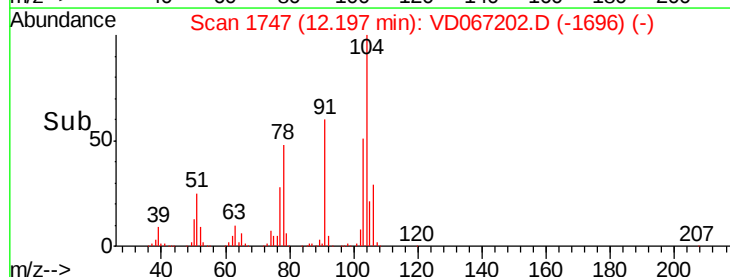
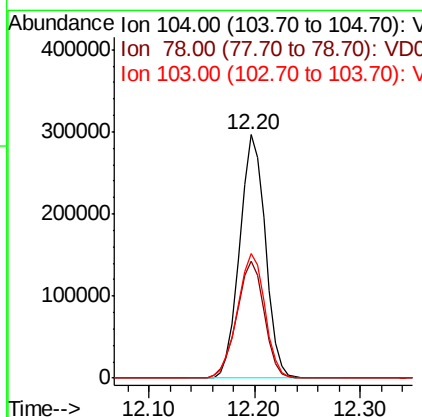
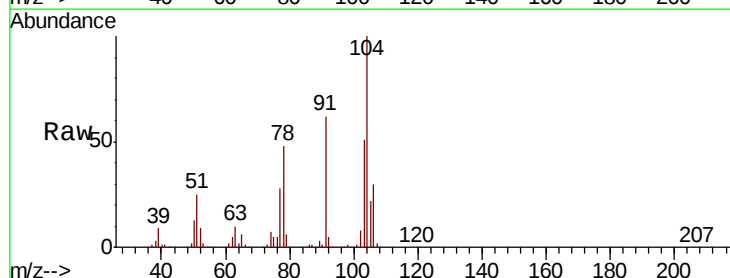
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

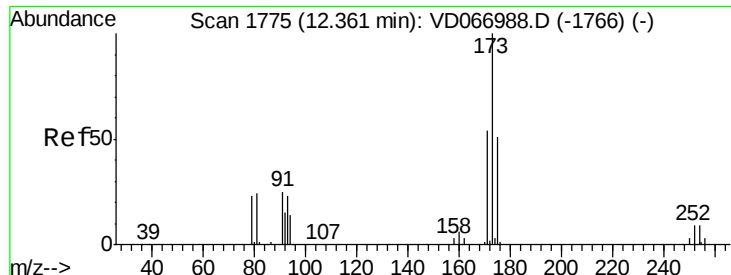
Tot Ion:106 Resp: 291452
Ion Ratio Lower Upper
106 100
91 213.9 102.4 307.2



#70
Styrene
Concen: 50.503 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion:104 Resp: 498424
Ion Ratio Lower Upper
104 100
78 51.1 38.6 58.0
103 54.9 43.4 65.0





#71

Bromoform

Concen: 51.505 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

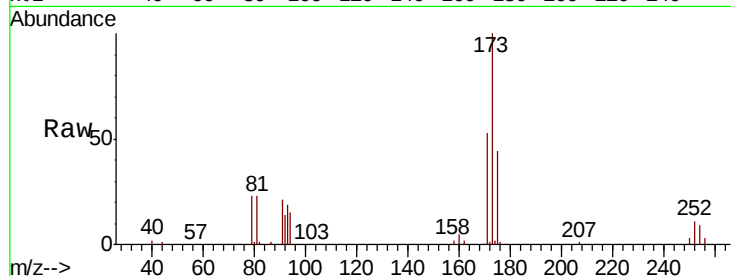
Tot Ion:173 Resp: 97887

Ion Ratio Lower Upper

173 100

175 47.9 24.9 74.7

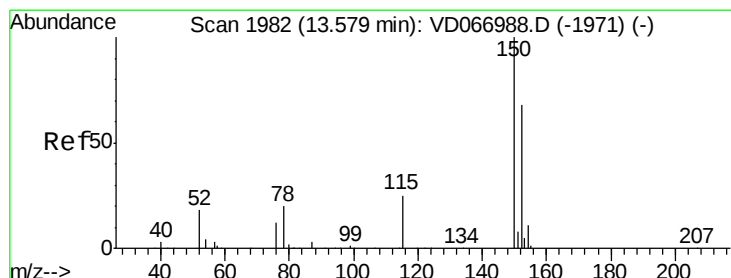
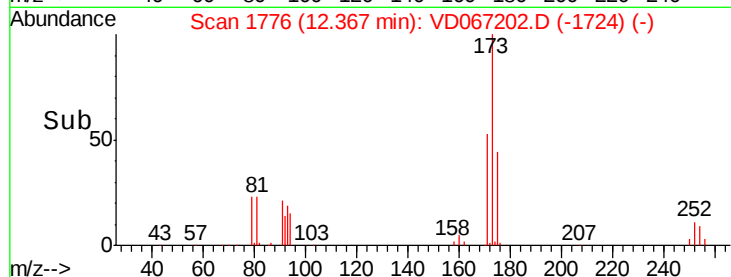
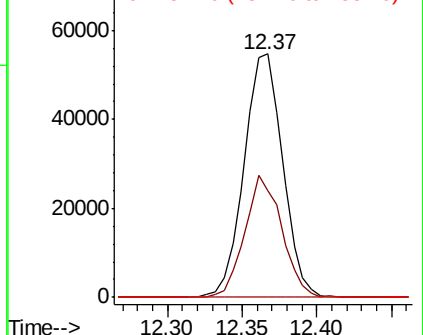
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

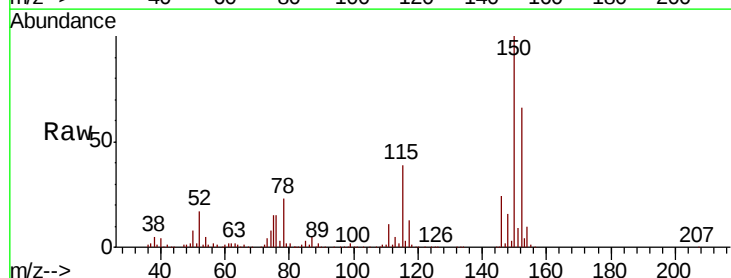
Tgt Ion:152 Resp: 247732

Ion Ratio Lower Upper

152 100

115 59.0 29.6 88.8

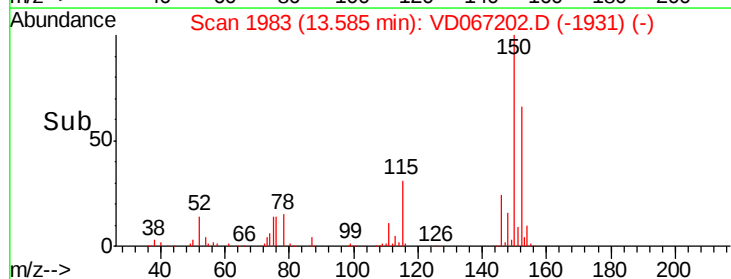
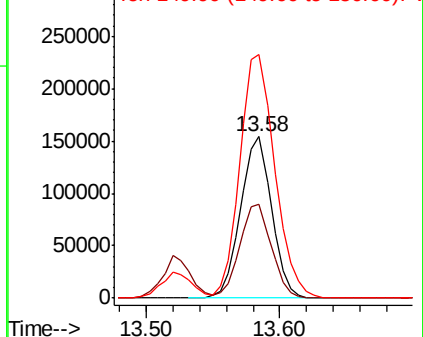
150 169.8 0.0 344.8

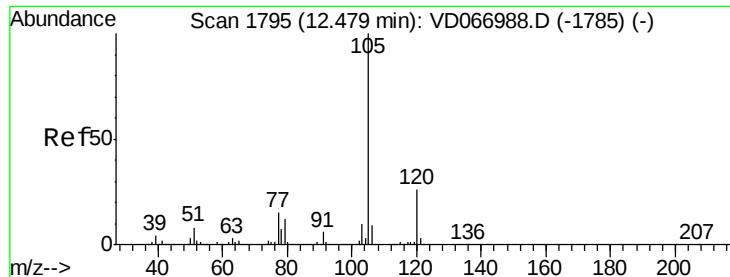


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

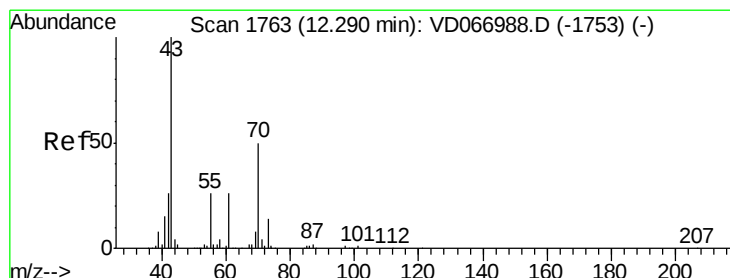
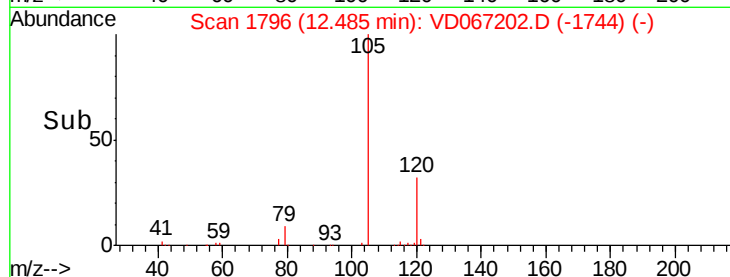
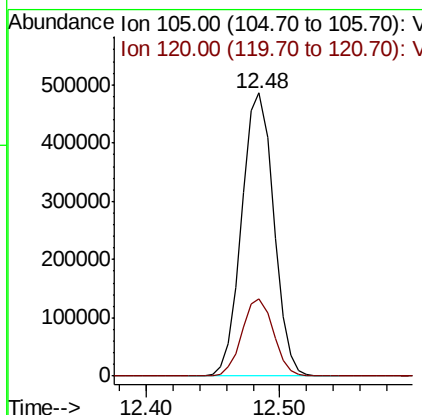
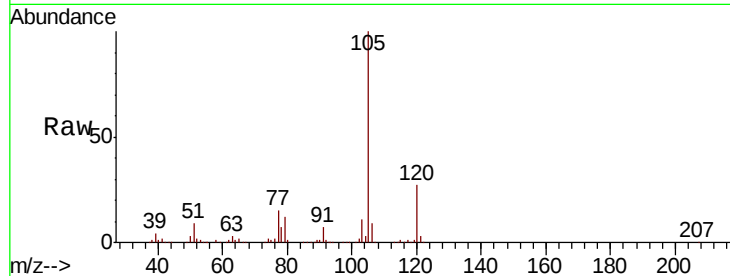




#73
Isopropylbenzene
Concen: 47.856 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

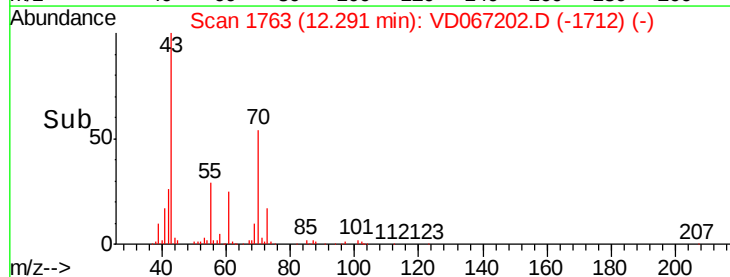
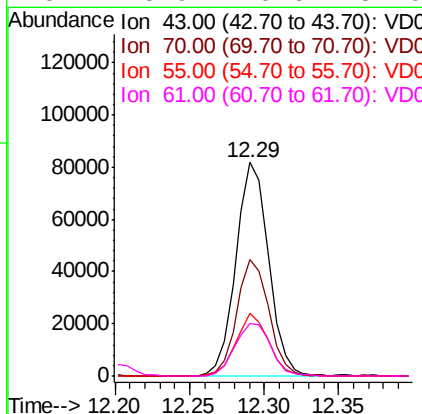
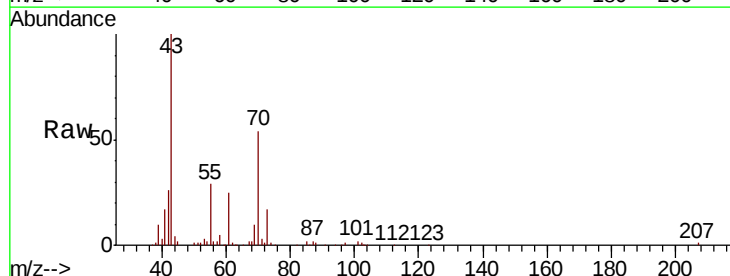
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

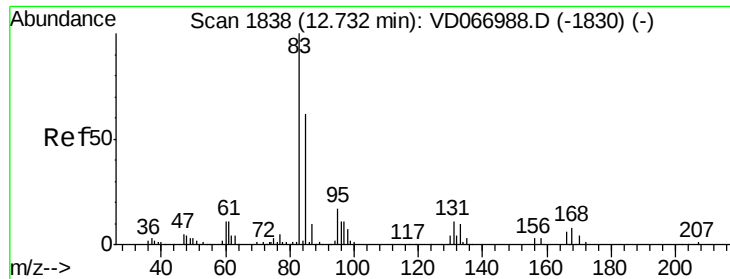
Tot Ion:105 Resp: 805001
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 41.419 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 43 Resp: 125248
Ion Ratio Lower Upper
43 100
70 53.1 38.2 57.2
55 29.1 22.4 33.6
61 26.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 42.186 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

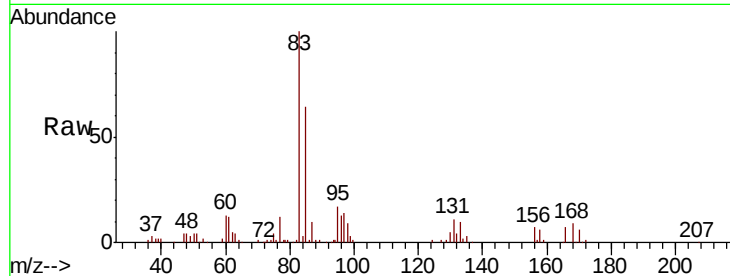
Tot Ion: 83 Resp: 119563

Ion Ratio Lower Upper

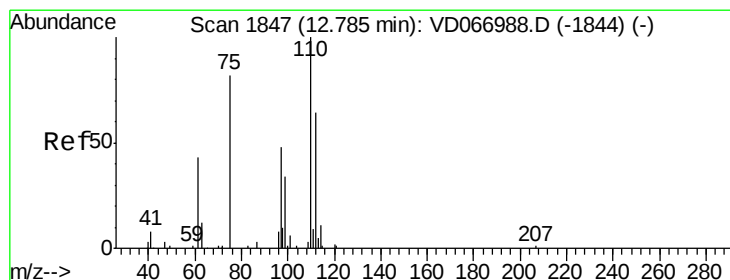
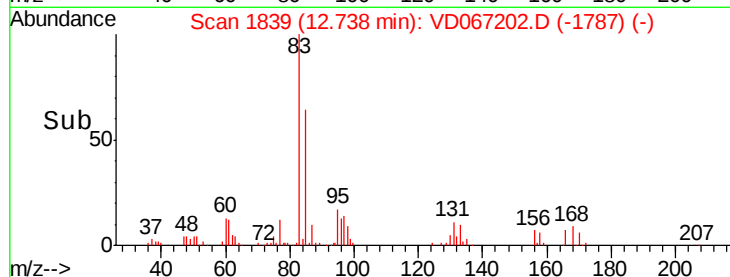
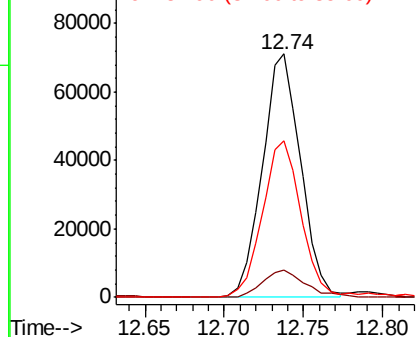
83 100

131 12.5 5.7 17.0

85 66.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 75.212 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD067202.D

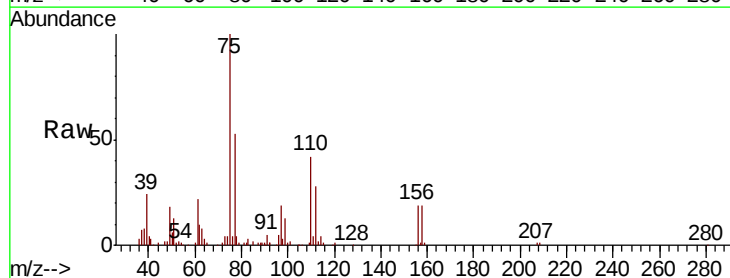
Acq: 08 Oct 2020 18:43

Tgt Ion: 75 Resp: 162295

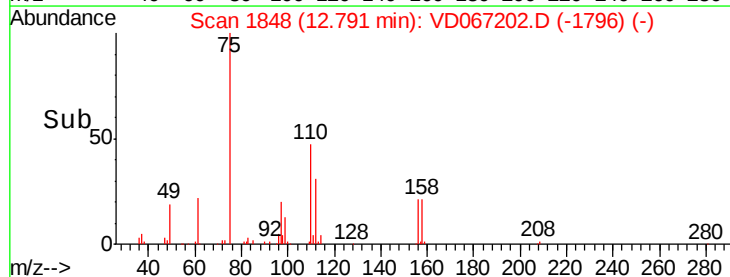
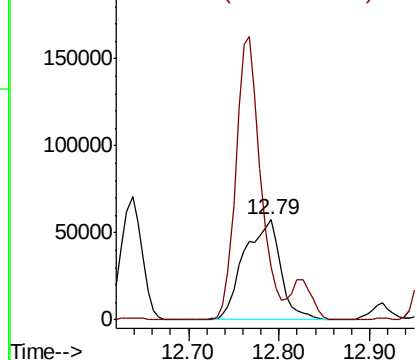
Ion Ratio Lower Upper

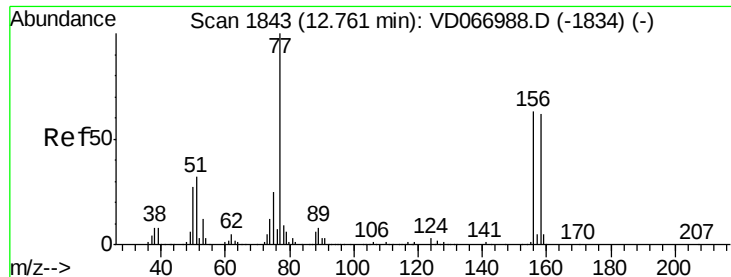
75 100

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: 48.551 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

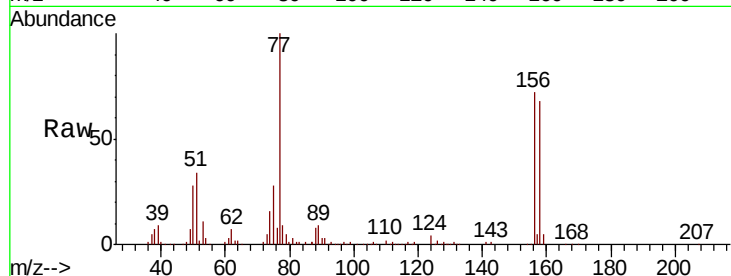
Tot Ion:156 Resp: 197203

Ion Ratio Lower Upper

156 100

77 156.1 86.3 258.8

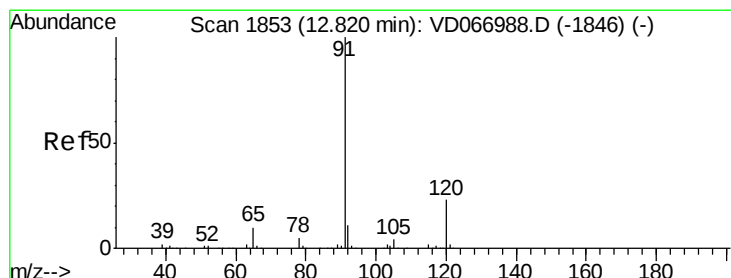
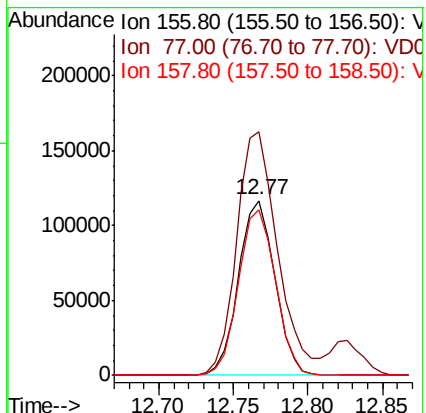
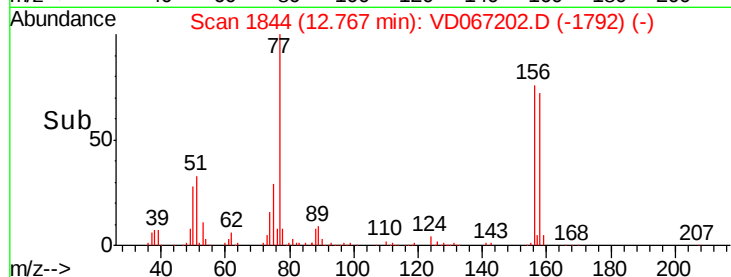
158 96.7 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.891 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067202.D

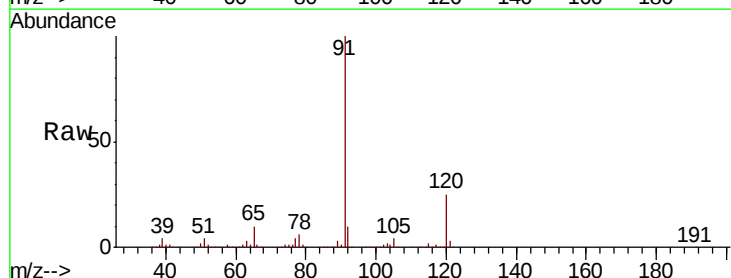
Acq: 08 Oct 2020 18:43

Tgt Ion: 91 Resp: 932192

Ion Ratio Lower Upper

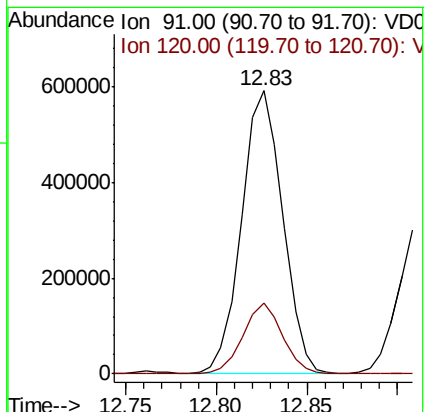
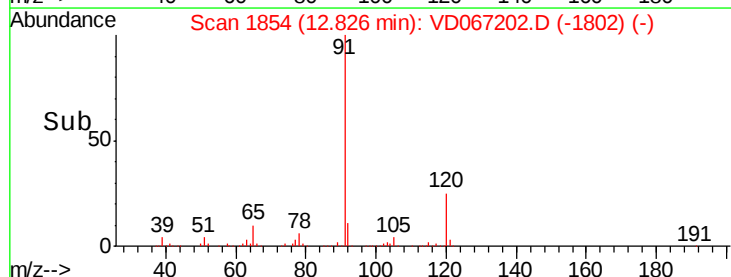
91 100

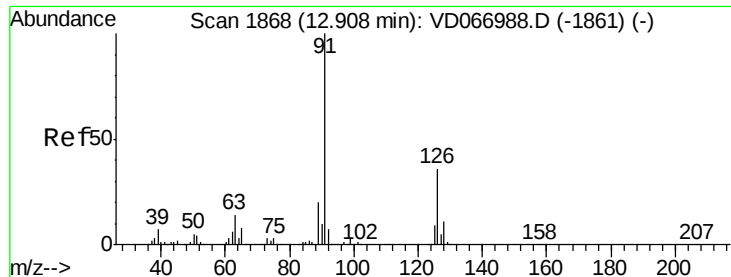
120 24.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.443 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

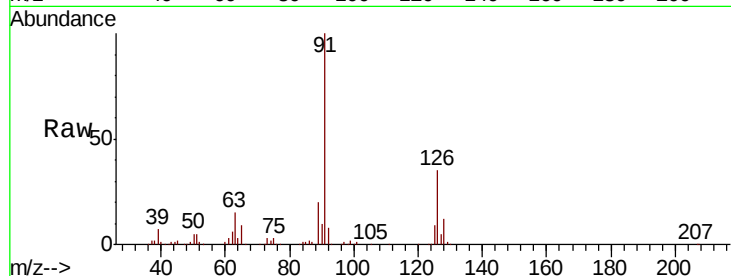
VSTDCCC050EC

Tot Ion: 91 Resp: 539625

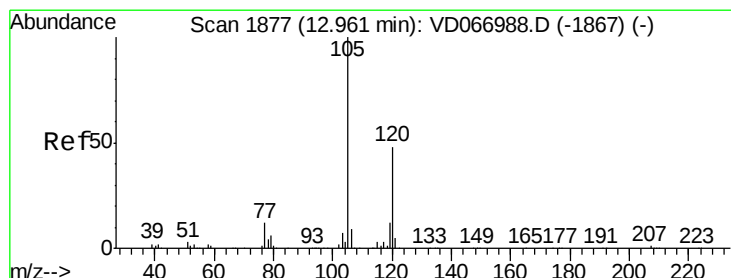
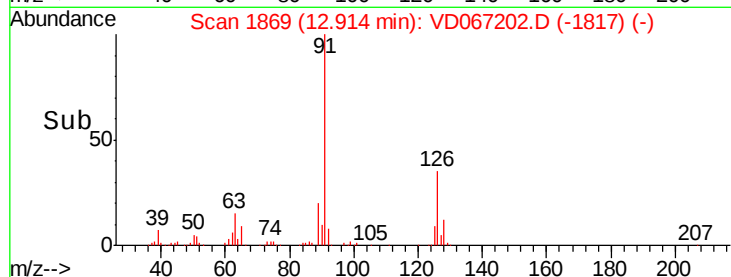
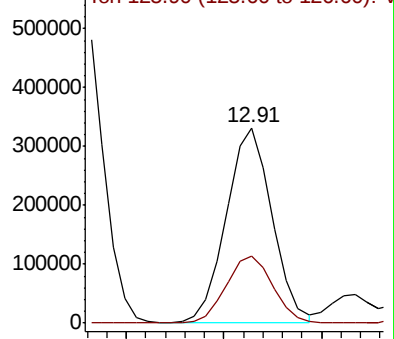
Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.6



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



#80

1,3,5-Trimethylbenzene

Concen: 49.689 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD067202.D

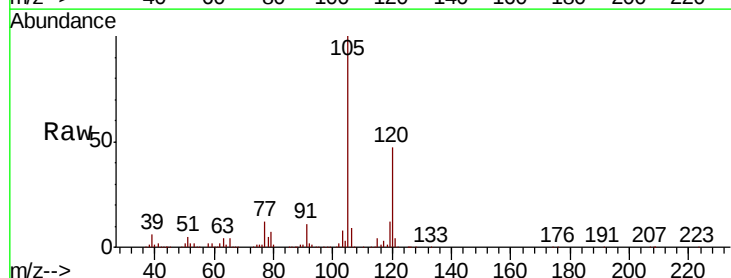
Acq: 08 Oct 2020 18:43

Tgt Ion: 105 Resp: 706176

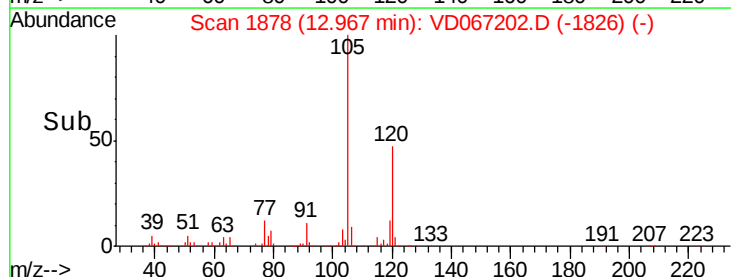
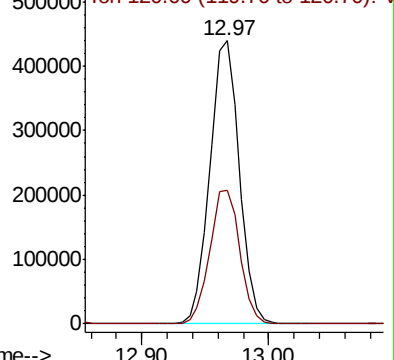
Ion Ratio Lower Upper

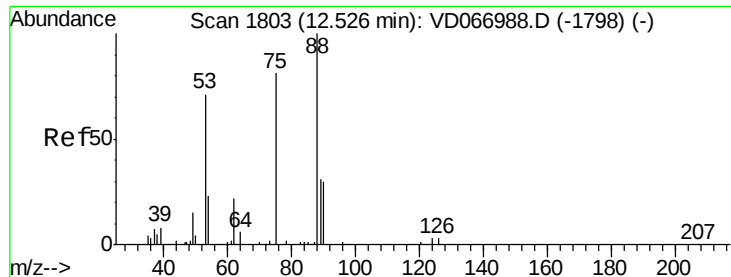
105 100

120 48.3 24.6 74.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 42.756 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

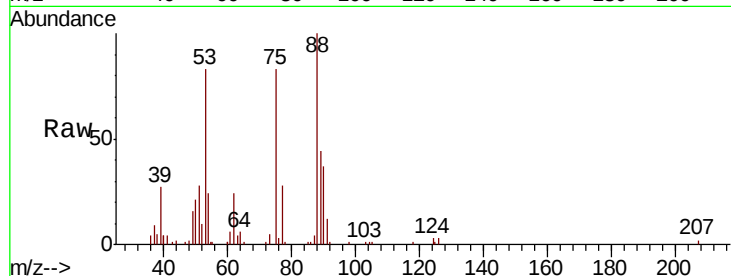
Tot Ion: 75 Resp: 37006

Ion Ratio Lower Upper

75 100

53 98.3 73.8 110.6

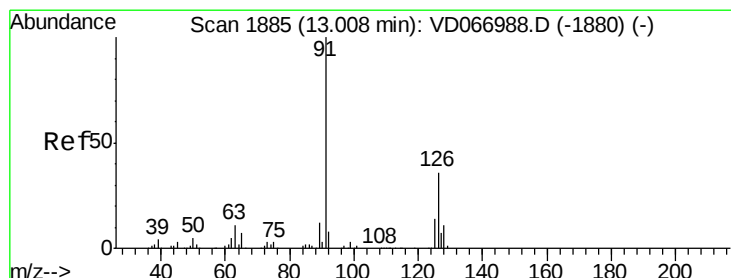
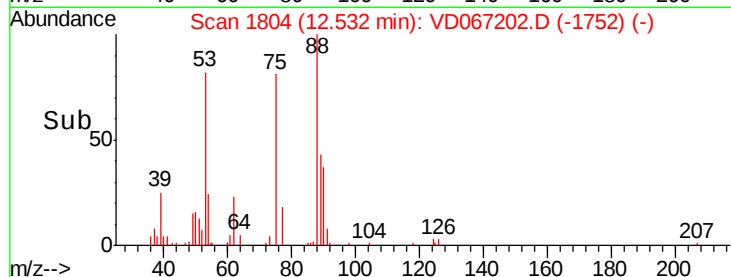
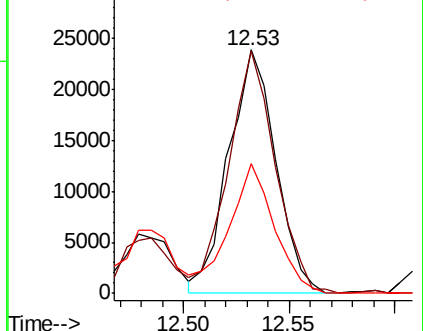
89 51.1 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 47.136 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067202.D

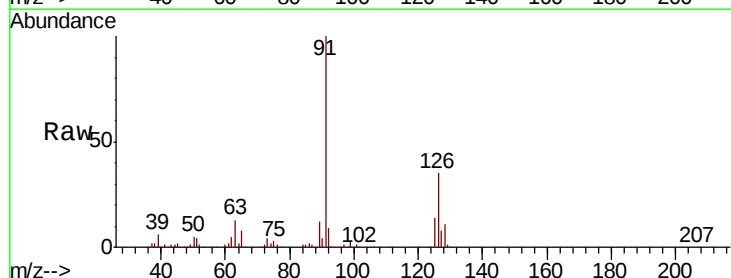
Acq: 08 Oct 2020 18:43

Tgt Ion: 91 Resp: 570420

Ion Ratio Lower Upper

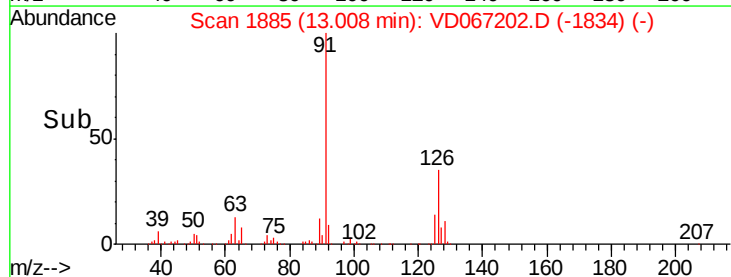
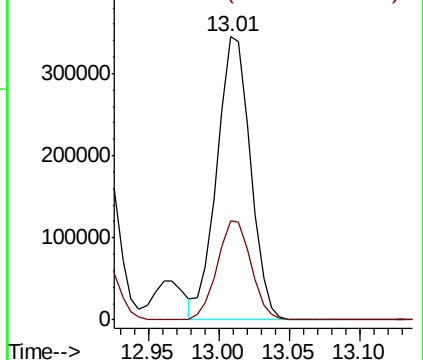
91 100

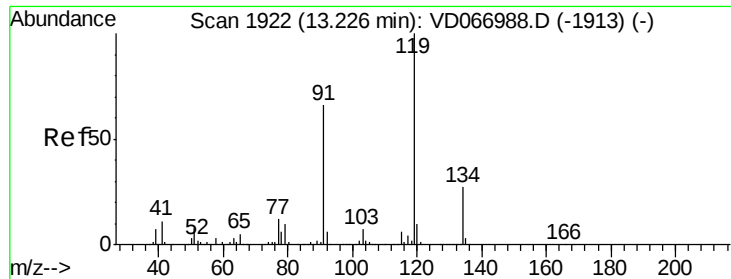
126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

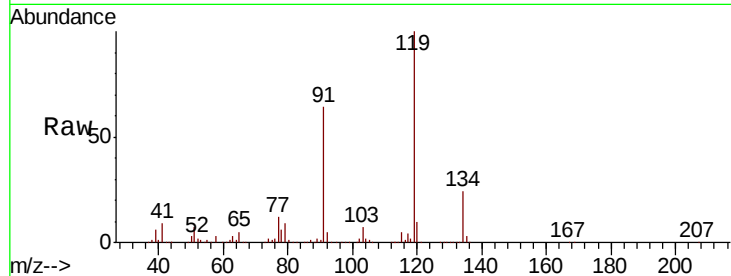




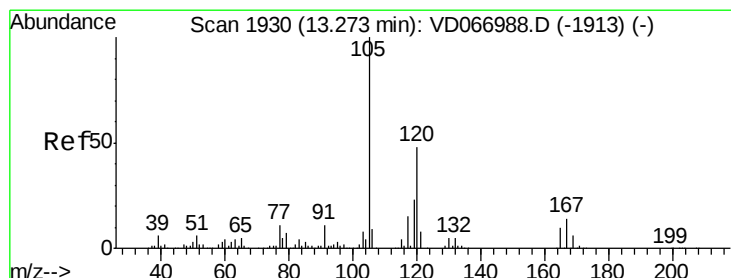
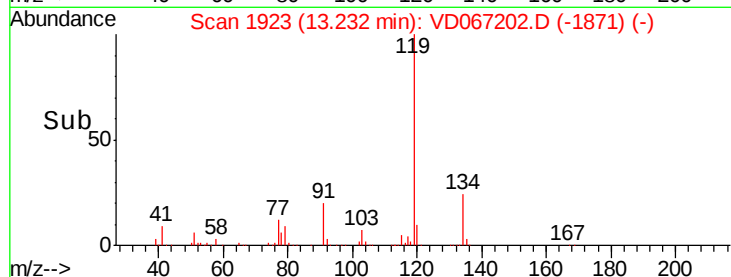
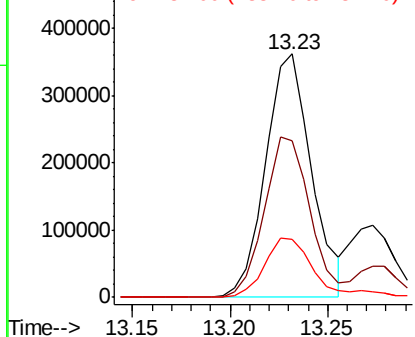
#83
tert-Butylbenzene
Concen: 49.455 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 591879
Ion Ratio Lower Upper
119 100
91 65.0 32.8 98.3
134 26.7 13.9 41.7

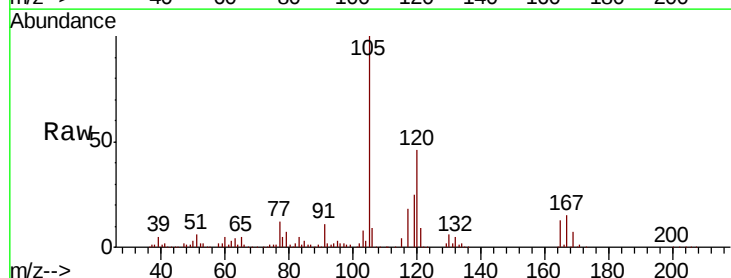


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

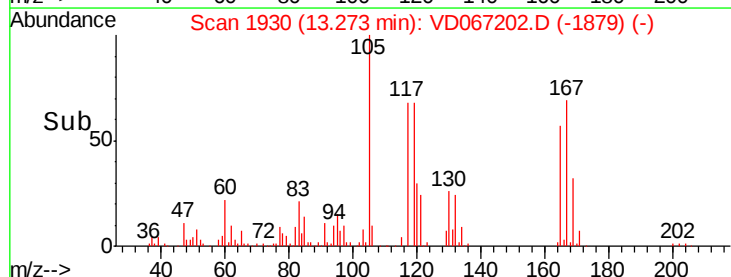
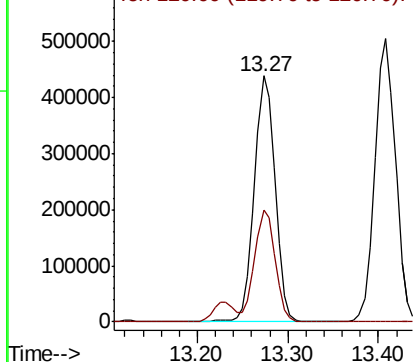


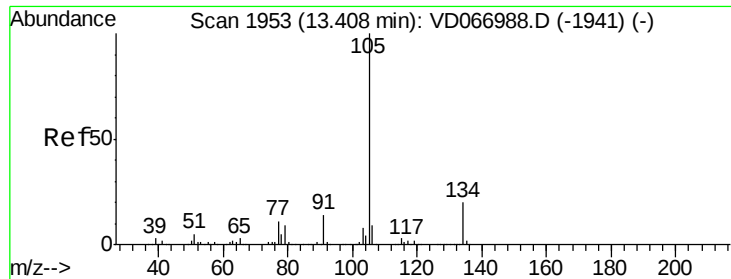
#84
1,2,4-Trimethylbenzene
Concen: 49.220 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion:105 Resp: 698086
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8



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

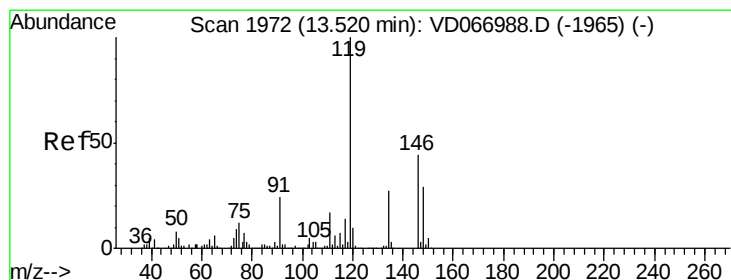
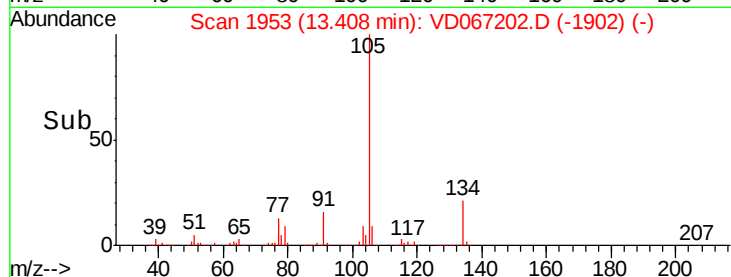
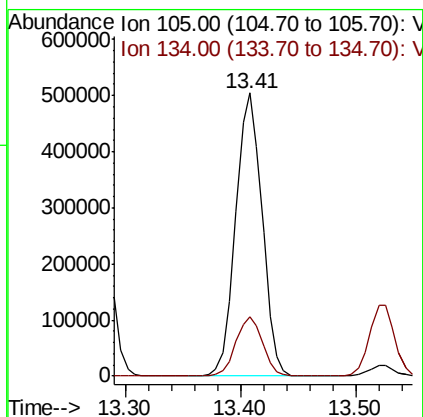
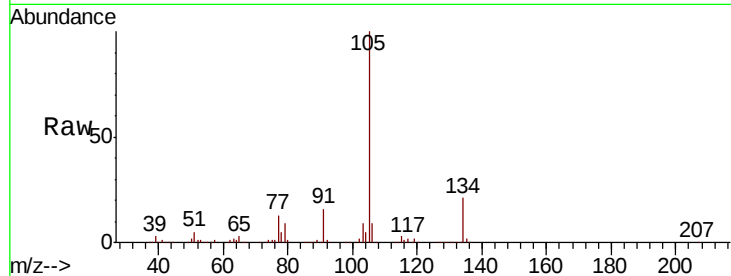




#85
 sec-Butylbenzene
 Concen: 47.354 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

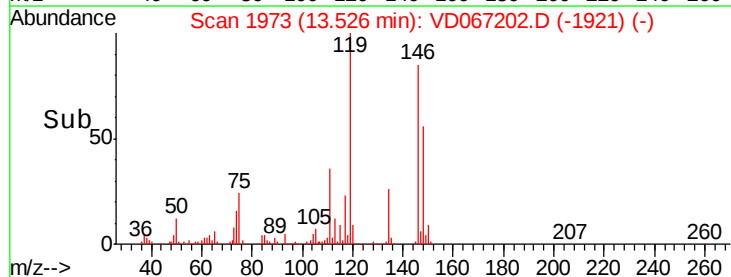
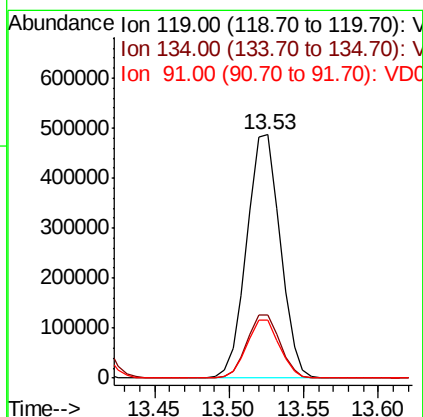
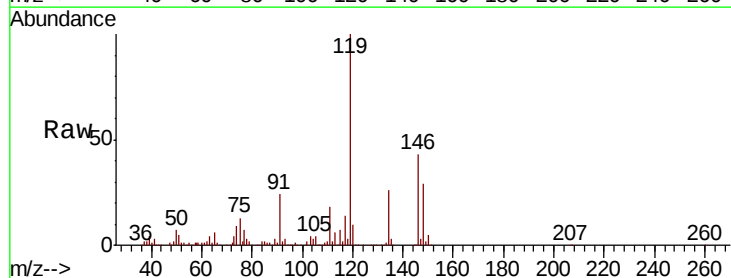
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

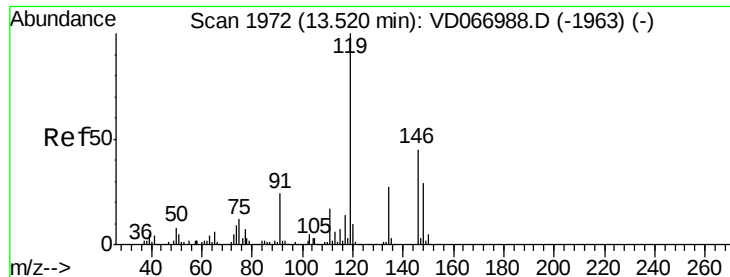
Tot Ion:105 Resp: 798099
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 48.442 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

Tgt Ion:119 Resp: 756918
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 23.7 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 46.761 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

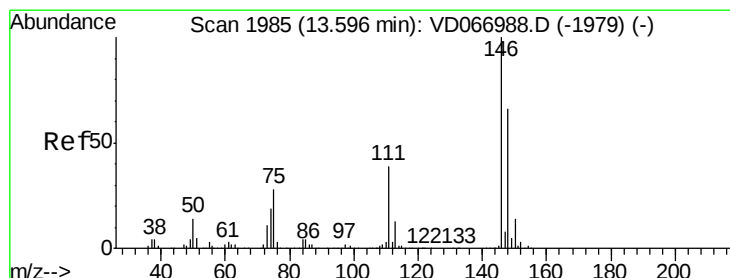
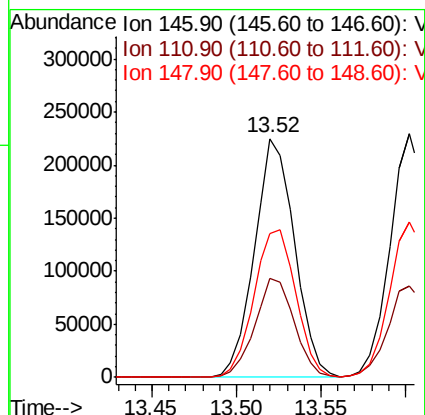
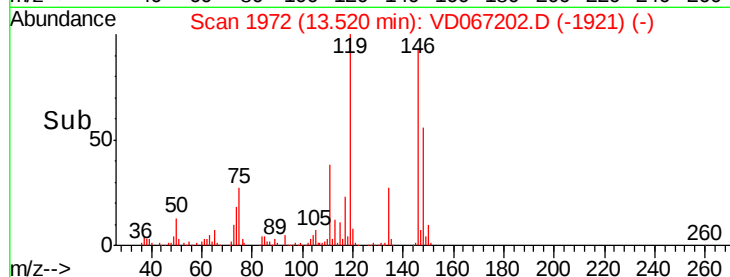
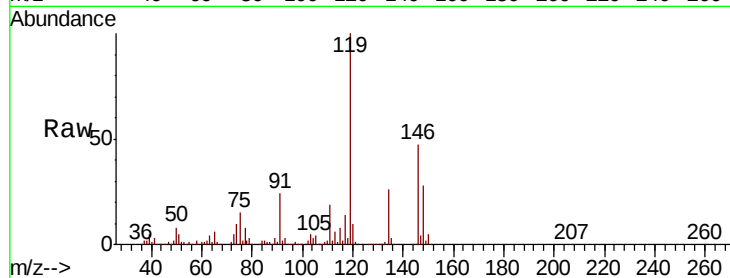
Tot Ion:146 Resp: 369955

Ion Ratio Lower Upper

146 100

111 40.8 20.0 60.0

148 64.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 46.289 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VD067202.D

Acq: 08 Oct 2020 18:43

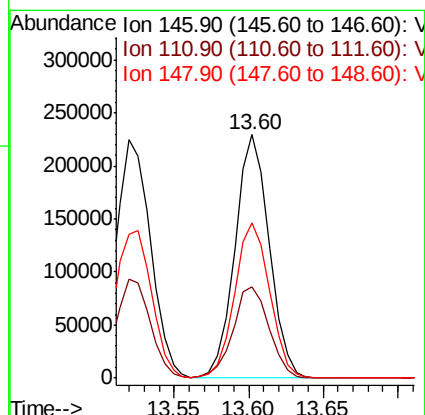
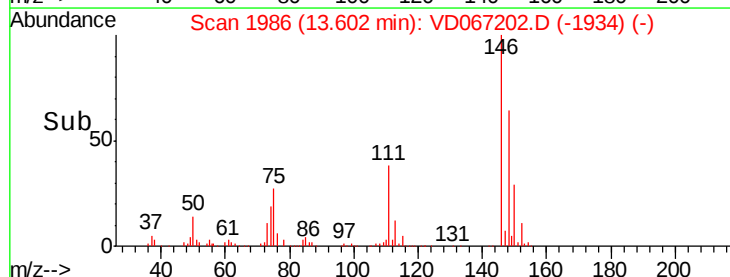
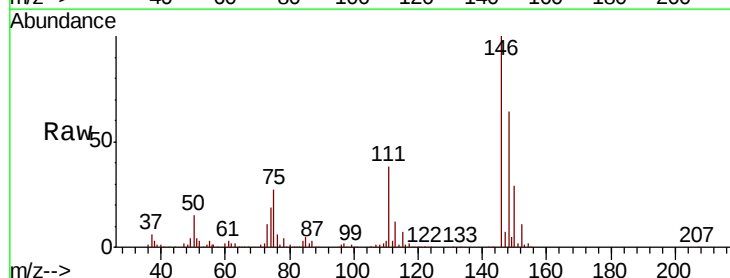
Tgt Ion:146 Resp: 366180

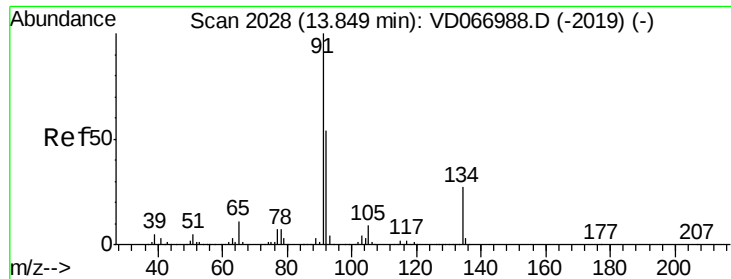
Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

148 65.3 32.6 97.7

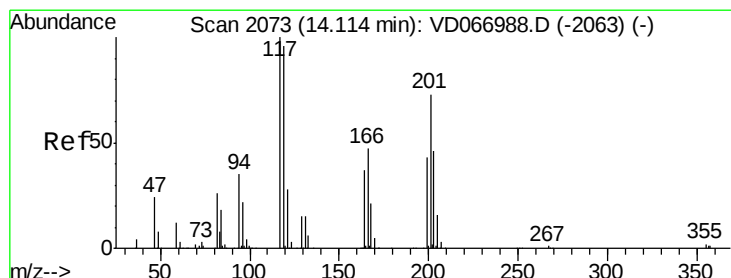
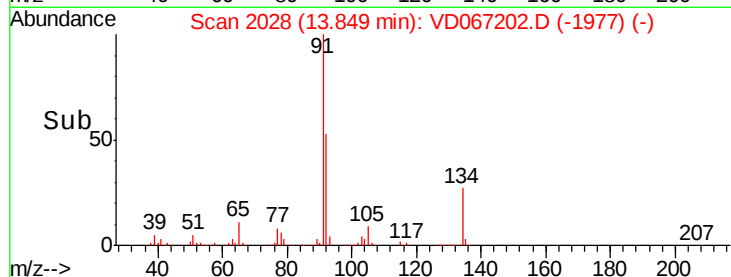
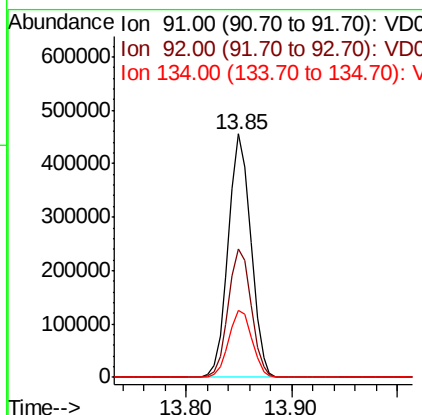
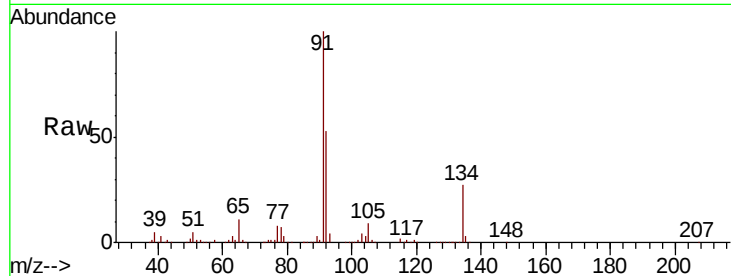




#89
n-Butylbenzene
Concen: 47.147 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

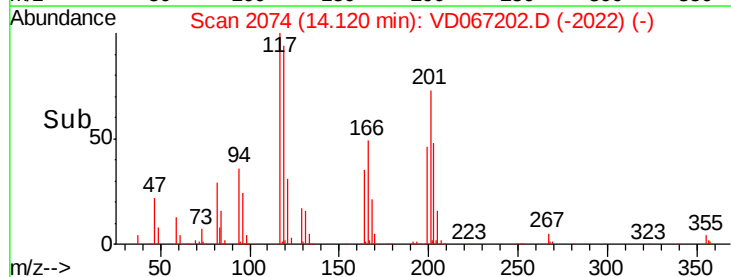
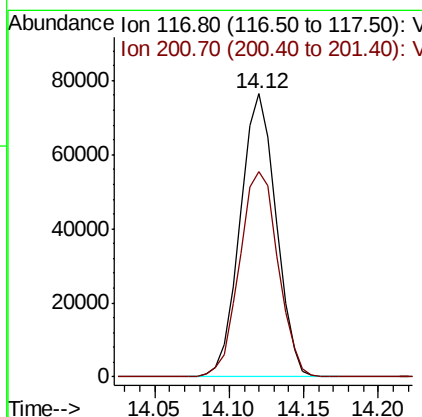
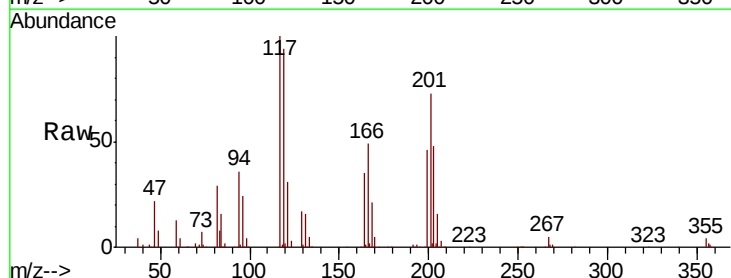
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

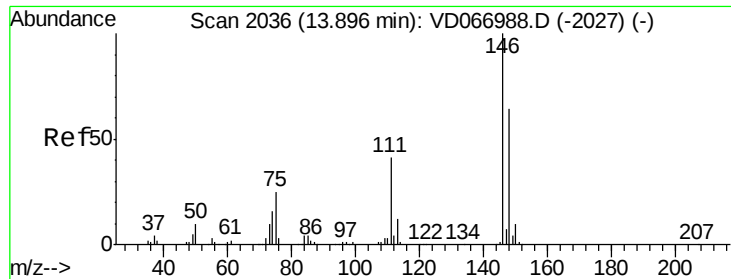
Tot Ion: 91 Resp: 673271
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 28.3 13.6 40.8



#90
Hexachloroethane
Concen: 46.633 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion: 117 Resp: 127637
Ion Ratio Lower Upper
117 100
201 77.7 37.0 110.9

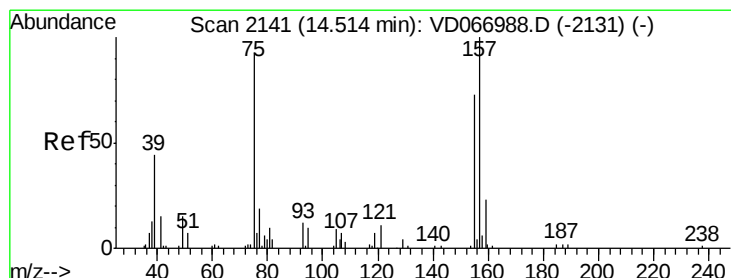
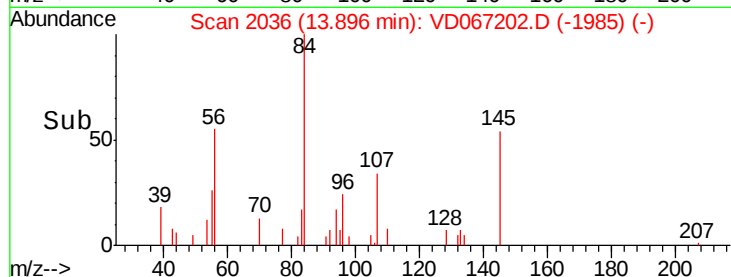
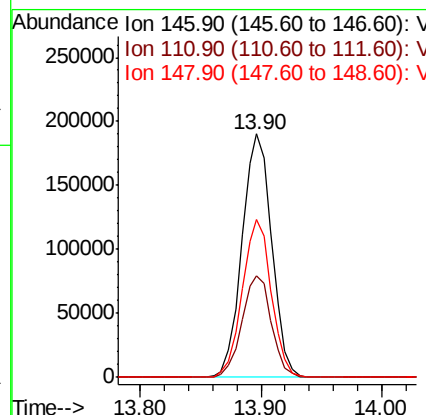
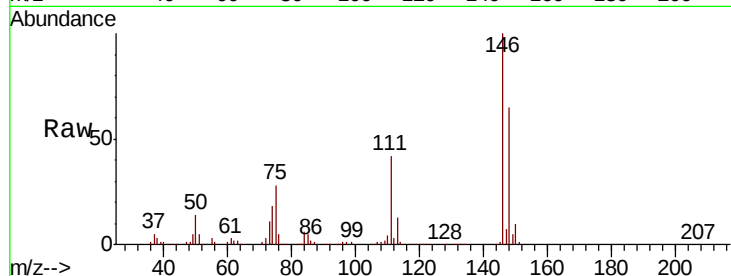




#91
 1,2-Dichlorobenzene
 Concen: 47.098 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

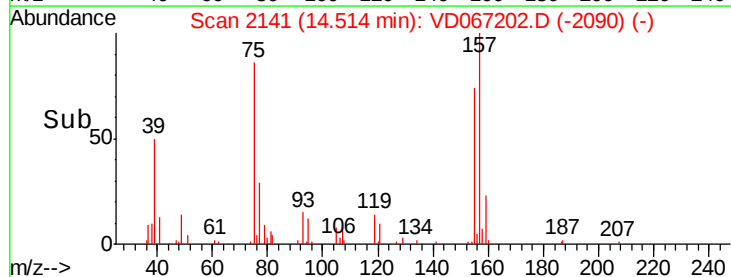
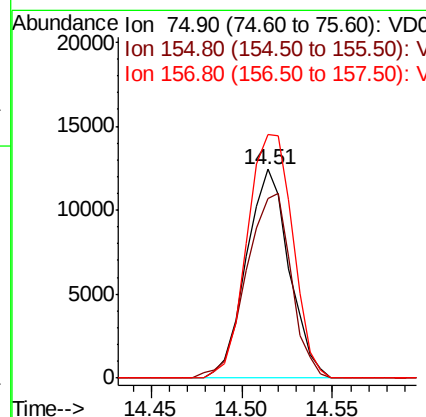
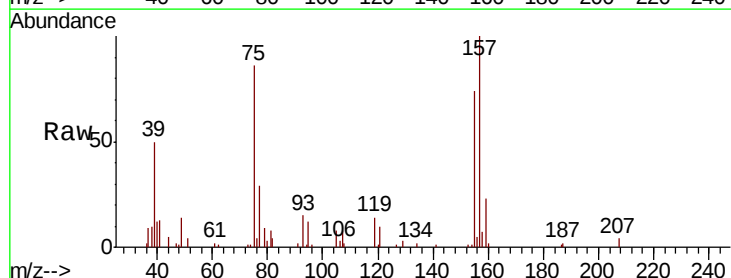
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

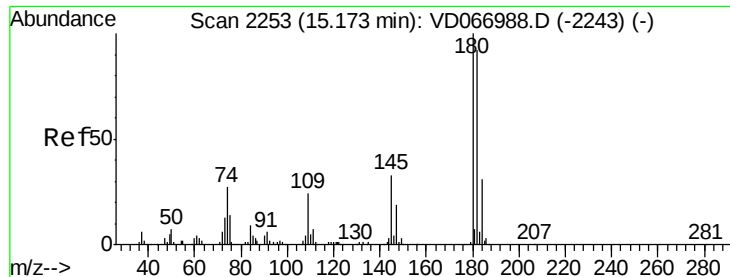
Tot Ion:146 Resp: 325419
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.7
 148 63.4 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.858 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

Tgt Ion: 75 Resp: 20494
 Ion Ratio Lower Upper
 75 100
 155 92.1 45.2 135.6
 157 123.8 56.3 168.8

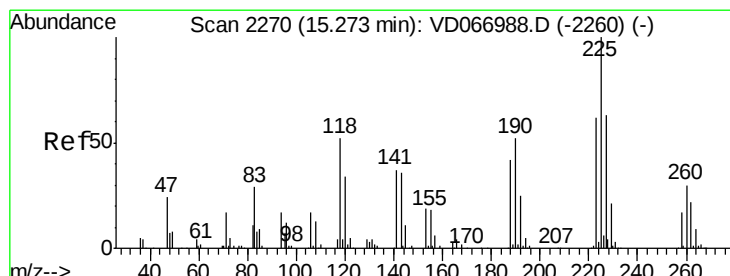
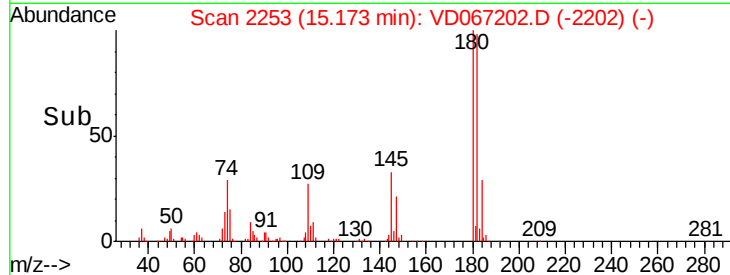
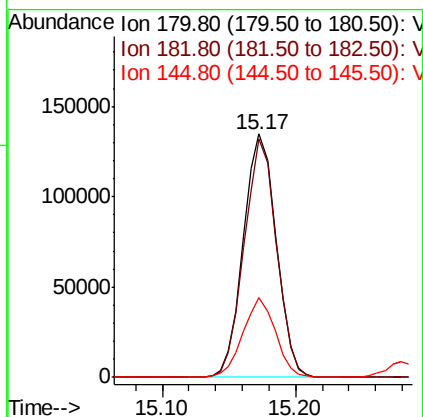
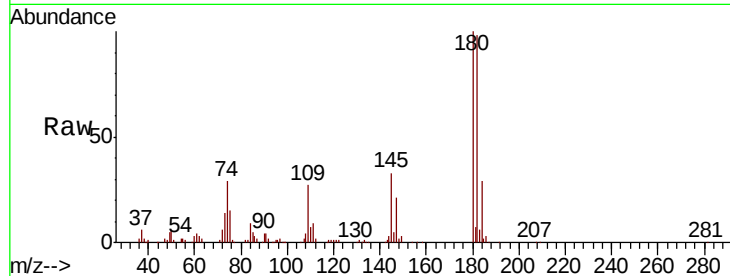




#93
 1,2,4-Trichlorobenzene
 Concen: 51.332 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

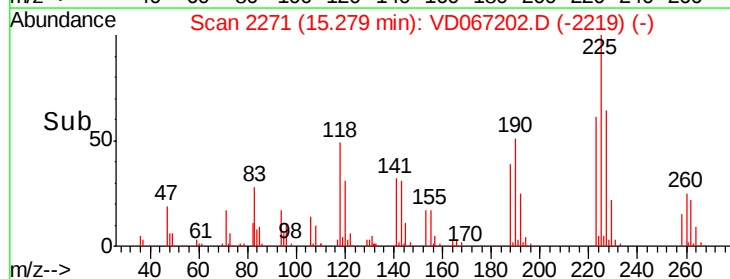
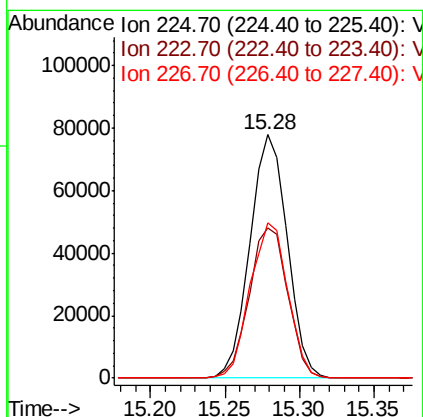
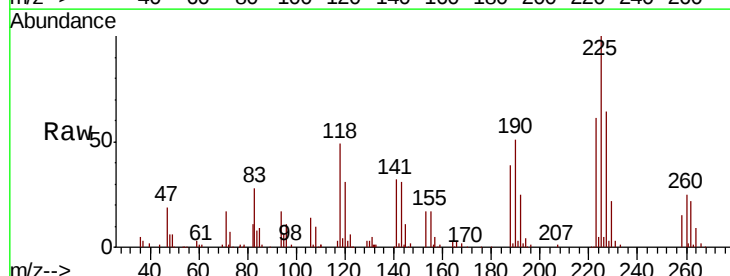
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

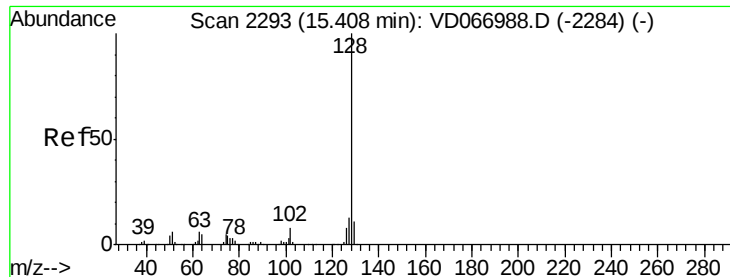
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	142.0
145	32.3	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 48.933 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067202.D
 Acq: 08 Oct 2020 18:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.4	97.0
227	64.4	31.6	95.0

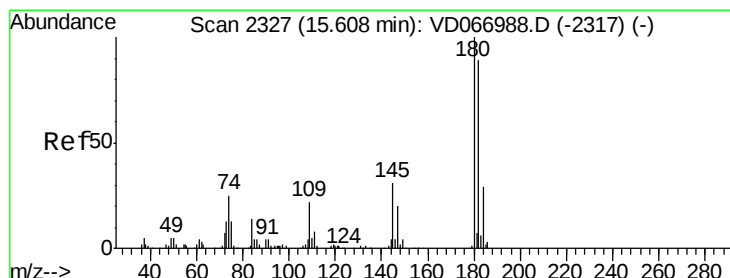
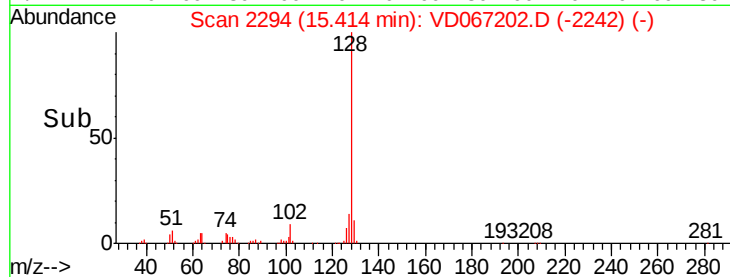
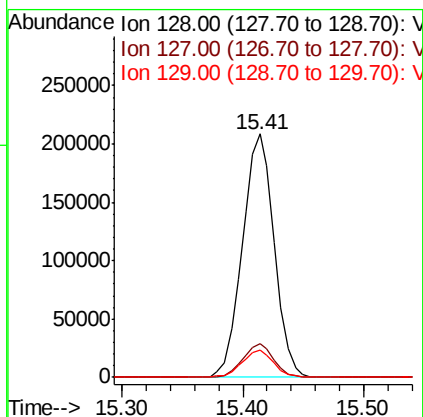
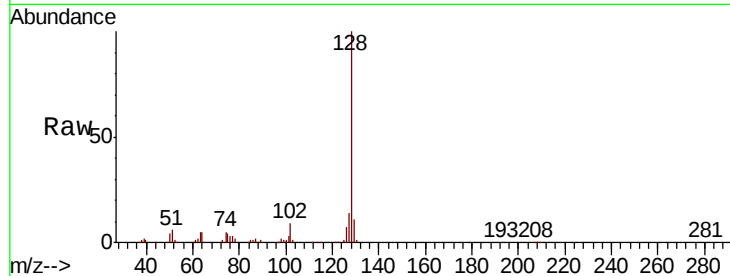




#95
Naphthalene
Concen: 51.146 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 381272
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.529 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD067202.D
Acq: 08 Oct 2020 18:43

Tgt Ion:180 Resp: 199918
Ion Ratio Lower Upper
180 100
182 93.9 46.4 139.1
145 33.4 16.6 49.7

