

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067120.D
 Acq On : 06 Oct 2020 21:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 07 01:58:43 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	361381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	568053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	523599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261260	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	175367	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.91	113	190147	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.34	98	668073	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.63	95	230081	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	156023	54.030	ug/l	94
3) Chloromethane	2.21	50	119974	41.687	ug/l	98
4) Vinyl Chloride	2.35	62	128742	44.613	ug/l	99
5) Bromomethane	2.77	94	99296	53.704	ug/l	98
6) Chloroethane	2.92	64	83876	47.727	ug/l	93
7) Trichlorofluoromethane	3.27	101	301790	47.071	ug/l	90
8) Diethyl Ether	3.71	74	77862	48.973	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	168085	46.383	ug/l	99
10) Methyl Iodide	4.30	142	187386	53.218	ug/l	98
11) Tert butyl alcohol	5.23	59	45121	214.233	ug/l #	86
12) 1,1-Dichloroethene	4.07	96	159729	46.888	ug/l	97
13) Acrolein	3.92	56	48658	208.767	ug/l	99
14) Allyl chloride	4.71	41	198901	44.944	ug/l	95
15) Acrylonitrile	5.41	53	141413	241.670	ug/l	99
16) Acetone	4.15	43	116396	219.058	ug/l	98
17) Carbon Disulfide	4.41	76	474436	45.380	ug/l	97
18) Methyl Acetate	4.71	43	63775	47.755	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	323144	51.962	ug/l	94
20) Methylene Chloride	4.96	84	192236	51.150	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	188070	48.510	ug/l	96
22) Diisopropyl ether	6.37	45	382955	47.399	ug/l #	95
23) Vinyl Acetate	6.31	43	1119452	244.511	ug/l	98
24) 1,1-Dichloroethane	6.27	63	295039	47.318	ug/l	98
25) 2-Butanone	7.21	43	169479	224.974	ug/l	99
26) 2,2-Dichloropropane	7.21	77	261741	49.009	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	206929	49.977	ug/l	97
28) Bromochloromethane	7.55	49	112720	46.811	ug/l	90
29) Tetrahydrofuran	7.56	42	99823	230.455	ug/l	92
30) Chloroform	7.71	83	337917	49.958	ug/l	98
31) Cyclohexane	7.98	56	214020	40.942	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	310864	49.591	ug/l	99
36) 1,1-Dichloropropene	8.11	75	242981	45.890	ug/l	98
37) Ethyl Acetate	7.29	43	82579	45.020	ug/l	97
38) Carbon Tetrachloride	8.10	117	286202	49.957	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	265876	47.495	ug/l	92
40) Benzene	8.35	78	716163	48.696	ug/l	99
41) Methacrylonitrile	7.52	41	46726	47.152	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	205494	50.004	ug/l	98
43) Isopropyl Acetate	8.45	43	156815	46.406	ug/l	97
44) Trichloroethene	9.11	130	218758	49.813	ug/l	97
45) 1,2-Dichloropropane	9.38	63	169915	49.172	ug/l	93
46) Dibromomethane	9.47	93	100526	50.615	ug/l	96
47) Bromodichloromethane	9.66	83	268183	51.946	ug/l	95
48) Methyl methacrylate	9.46	41	77177	44.580	ug/l #	74
49) 1,4-Dioxane	9.46	88	19531	942.238	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	402730	239.271	ug/l	99
52) Toluene	10.40	92	480653	50.735	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	234945	50.919	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	278563	49.441	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	140680	50.948	ug/l	93
56) Ethyl methacrylate	10.66	69	154062	54.041	ug/l	98
57) 1,3-Dichloropropane	10.94	76	227648	50.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	413952	260.885	ug/l	96
59) 2-Hexanone	10.98	43	271014	241.243	ug/l	95
60) Dibromochloromethane	11.14	129	197830	53.754	ug/l	99
61) 1,2-Dibromoethane	11.24	107	138972	52.387	ug/l	99
64) Tetrachloroethene	10.87	164	185071	48.619	ug/l	97
65) Chlorobenzene	11.67	112	522724	50.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	204775	51.695	ug/l	98
67) Ethyl Benzene	11.74	91	913354	51.189	ug/l	98
68) m/p-Xylenes	11.86	106	700223	100.699	ug/l	98
69) o-Xylene	12.18	106	320169	51.488	ug/l	93
70) Styrene	12.20	104	566654	53.069	ug/l	98
71) Bromoform	12.36	173	112268	54.599	ug/l #	98
73) Isopropylbenzene	12.48	105	892053	50.285	ug/l	100
74) N-amyl acetate	12.29	43	147682	46.309	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	140094	46.871	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	181334	79.684	ug/l #	100
77) Bromobenzene	12.76	156	218947	51.114	ug/l	94
78) n-propylbenzene	12.82	91	1030674	49.160	ug/l	100
79) 2-Chlorotoluene	12.91	91	594093	49.527	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	768186	51.253	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	44270	48.501	ug/l	97
82) 4-Chlorotoluene	13.01	91	626276	49.072	ug/l	99
83) tert-Butylbenzene	13.23	119	641150	50.798	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	764319	51.099	ug/l	98
85) sec-Butylbenzene	13.40	105	886638	49.883	ug/l	99
86) p-Isopropyltoluene	13.52	119	830226	50.382	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	408778	48.993	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	404786	48.520	ug/l	98
89) n-Butylbenzene	13.85	91	730134	48.481	ug/l	99
90) Hexachloroethane	14.11	117	141522	49.029	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	359820	49.380	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23349	48.461	ug/l	96

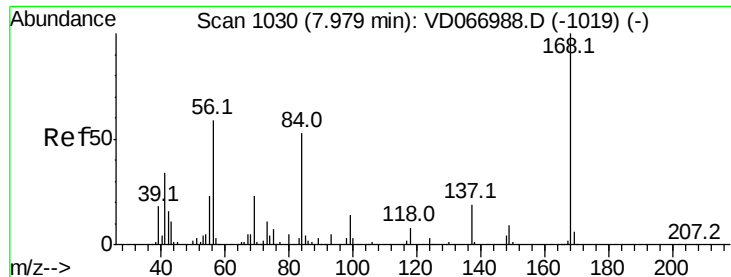
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	248021	52.622	ug/l	98
94) Hexachlorobutadiene	15.28	225	148648	51.353	ug/l	97
95) Naphthalene	15.41	128	432895	55.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	212862	52.024	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

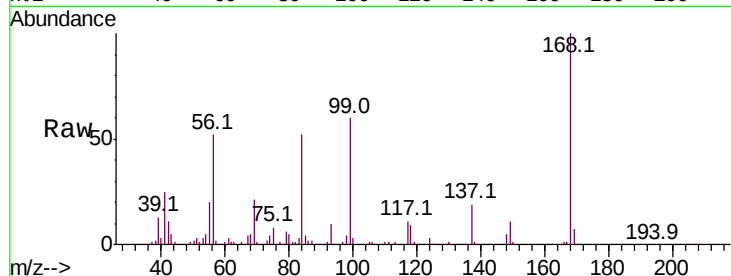
VSTDCCC050

Tot Ion:168 Resp: 361381

Ion Ratio Lower Upper

168 100

99 59.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

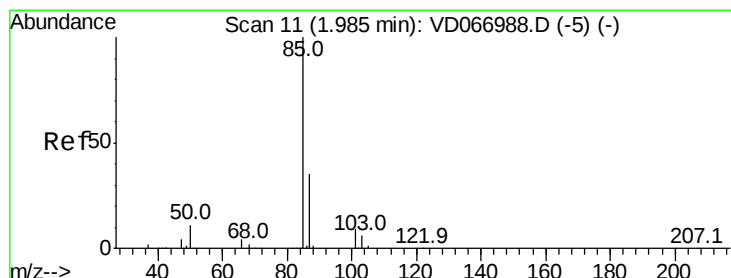
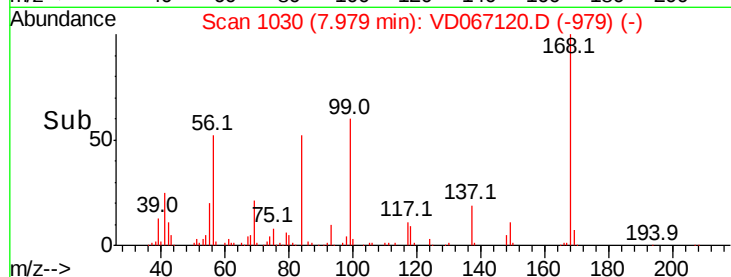
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 54.030 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067120.D

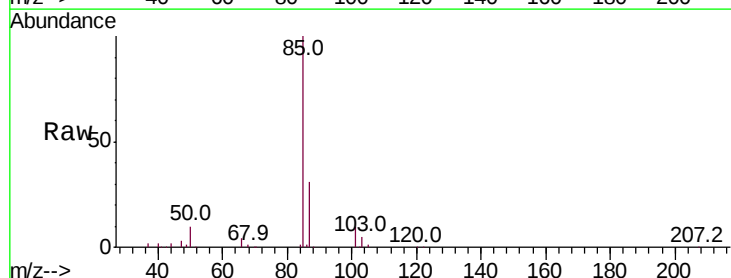
Acq: 06 Oct 2020 21:45

Tgt Ion: 85 Resp: 156023

Ion Ratio Lower Upper

85 100

87 31.4 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

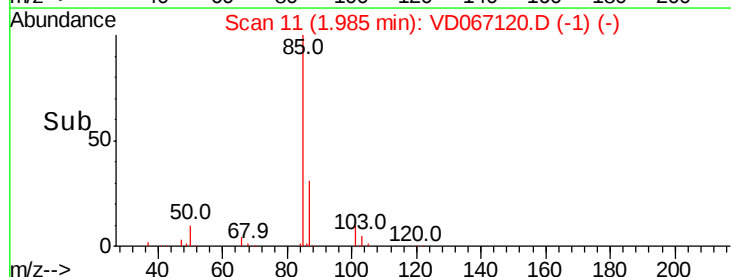
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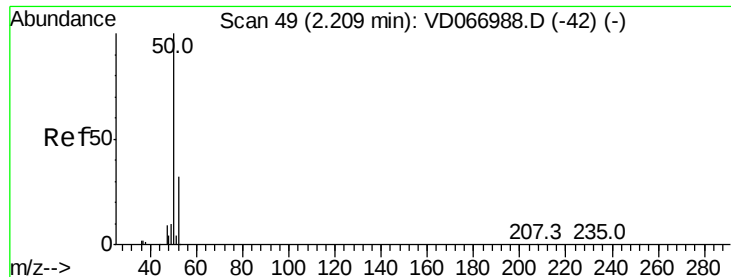
50000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 41.687 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

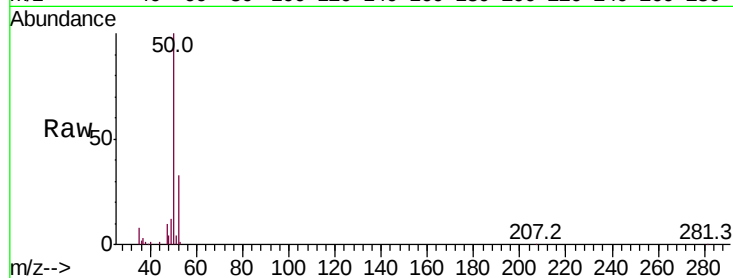
VSTDCCC050

Tot Ion: 50 Resp: 119974

Ion Ratio Lower Upper

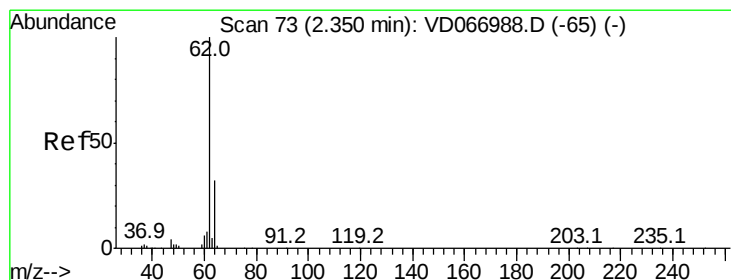
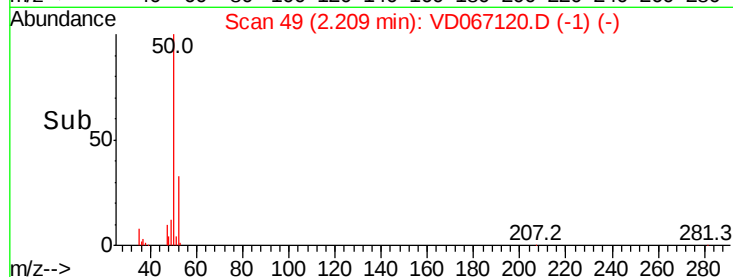
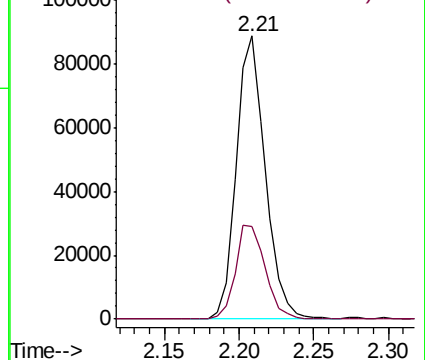
50 100

52 32.8 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: 44.613 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067120.D

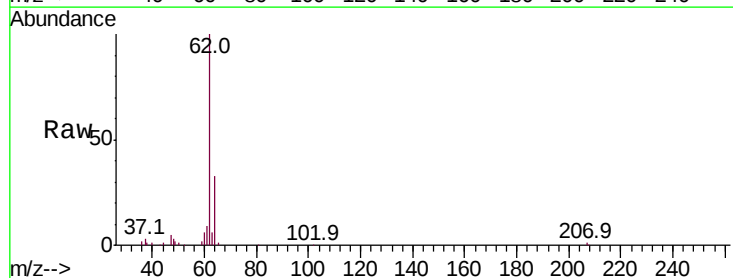
Acq: 06 Oct 2020 21:45

Tgt Ion: 62 Resp: 128742

Ion Ratio Lower Upper

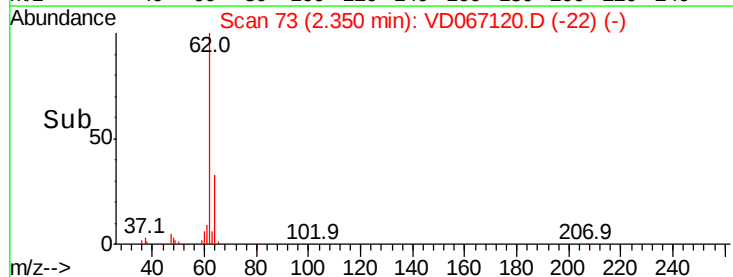
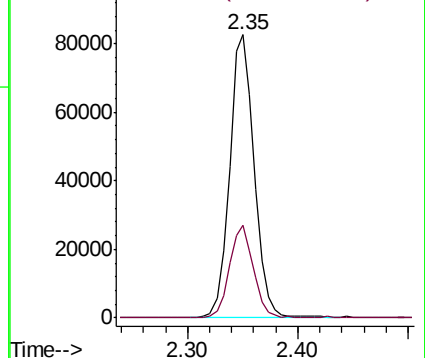
62 100

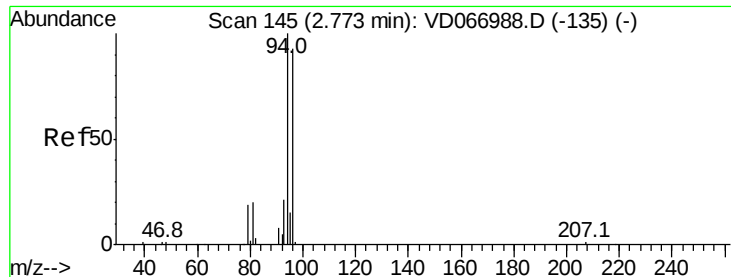
64 32.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 53.704 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

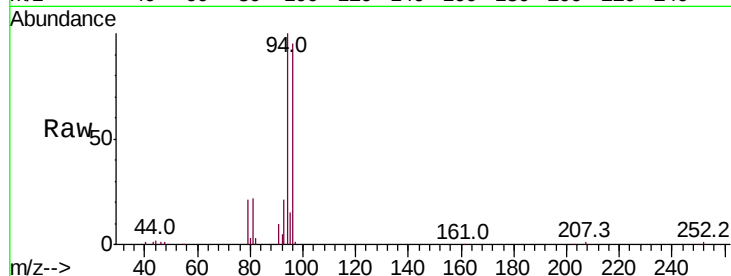
VSTDCCC050

Tot Ion: 94 Resp: 99296

Ion Ratio Lower Upper

94 100

96 95.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

50000

40000

30000

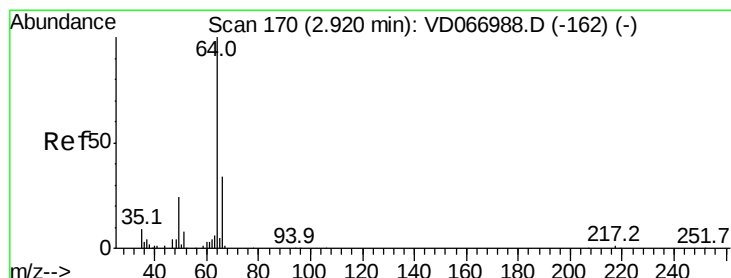
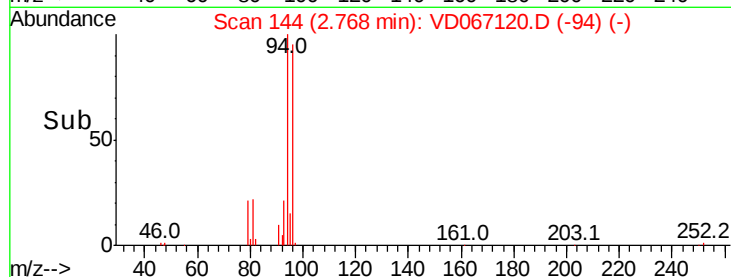
20000

10000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 47.727 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067120.D

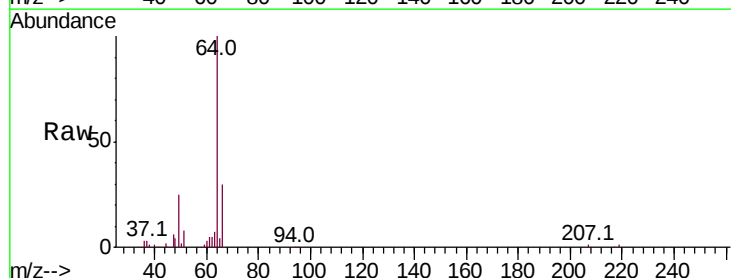
Acq: 06 Oct 2020 21:45

Tgt Ion: 64 Resp: 83876

Ion Ratio Lower Upper

64 100

66 29.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

40000

30000

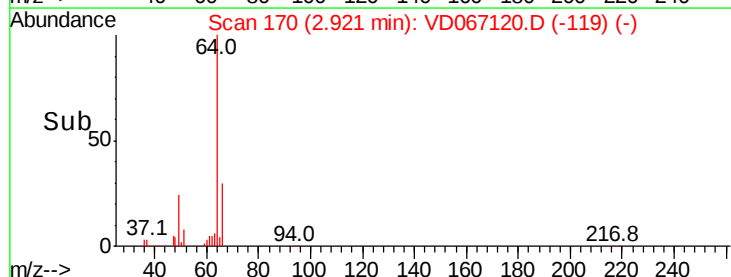
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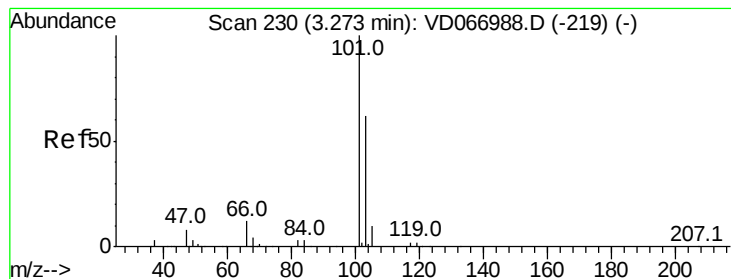
10000

0

Time-->

2.85 2.90 2.95 3.00



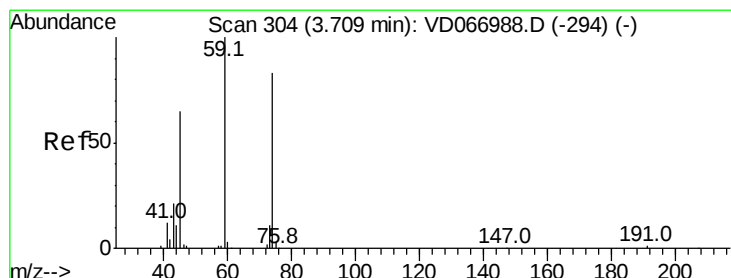
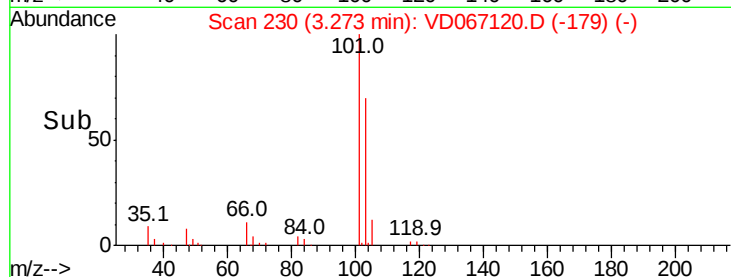
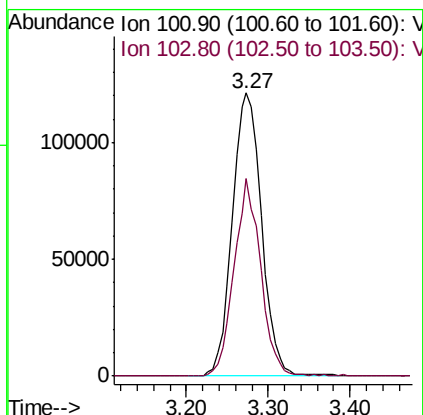
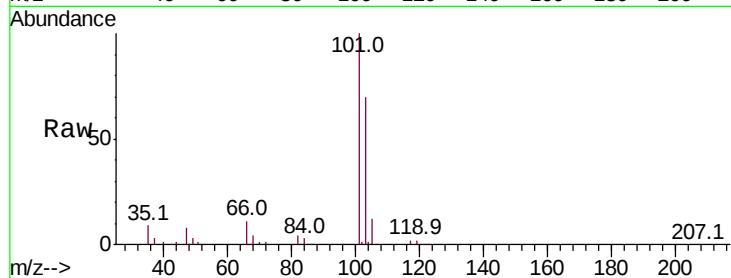


#7

Trichlorofluoromethane
 Concen: 47.071 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Instrument :
 MSVOA_D
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 VSTDCCC050

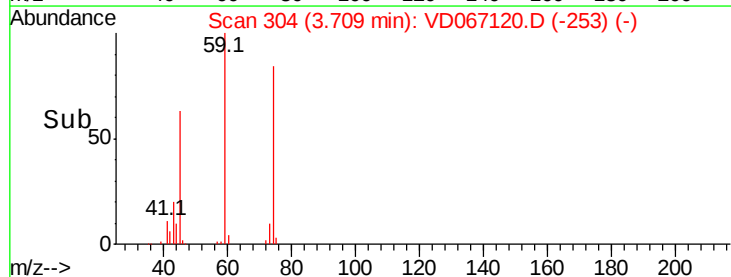
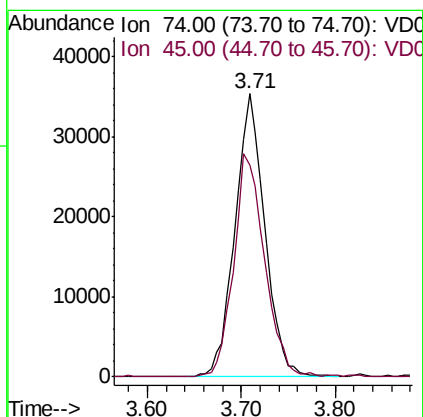
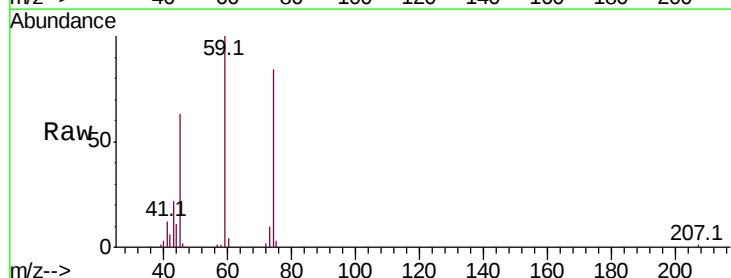
Tot Ion:101 Resp: 301790
 Ion Ratio Lower Upper
 101 100
 103 69.8 49.8 74.8

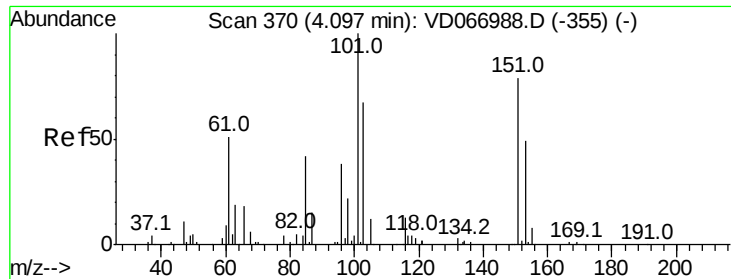


#8

Diethyl Ether
 Concen: 48.973 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion: 74 Resp: 77862
 Ion Ratio Lower Upper
 74 100
 45 81.5 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.383 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

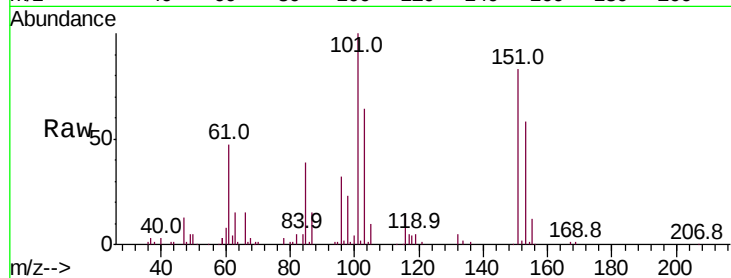
Tot Ion:101 Resp: 168085

Ion Ratio Lower Upper

101 100

85 41.8 33.8 50.8

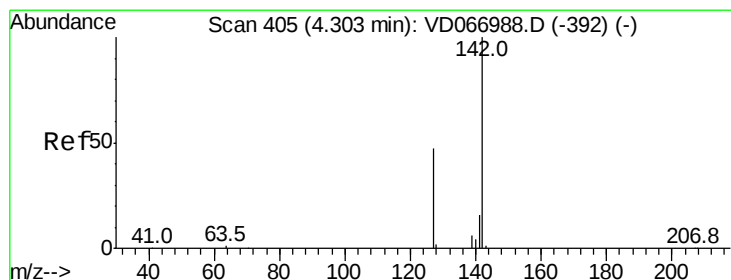
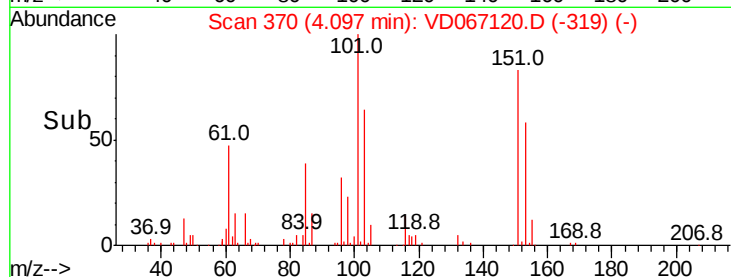
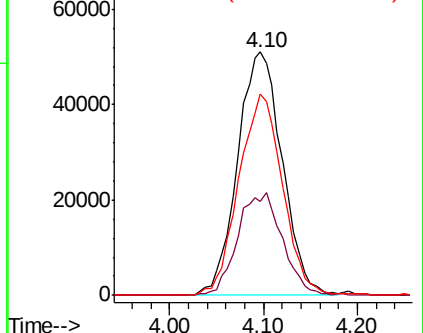
151 81.1 63.8 95.8



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: 53.218 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

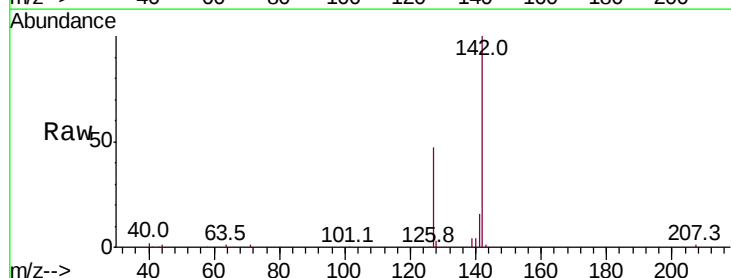
Tgt Ion:142 Resp: 187386

Ion Ratio Lower Upper

142 100

127 46.8 36.3 54.5

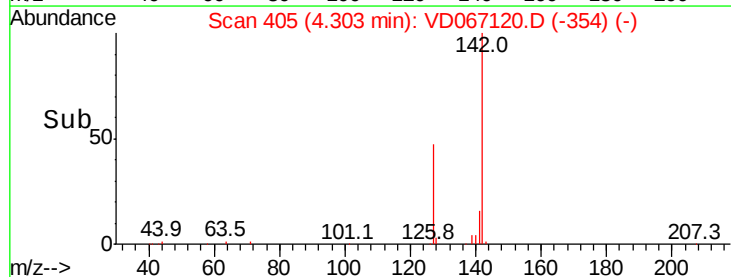
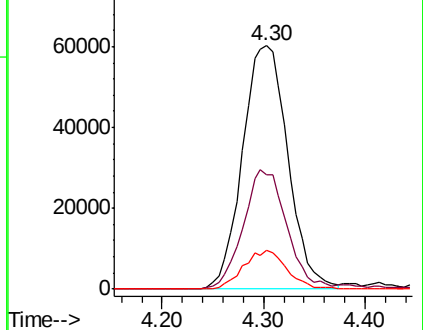
141 15.3 12.0 18.0

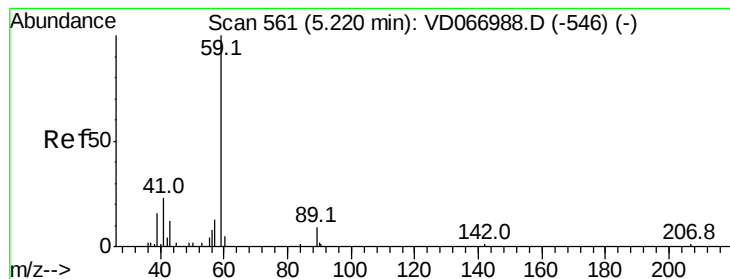


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



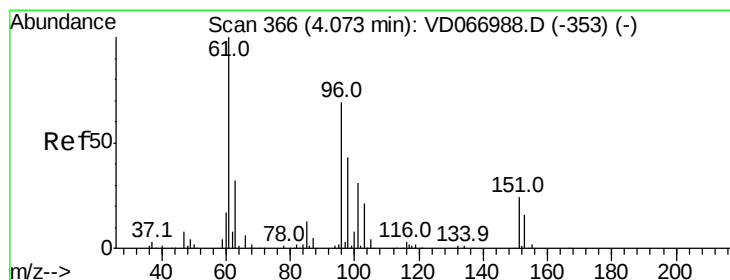
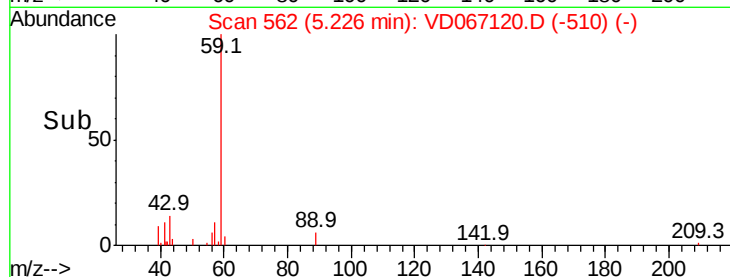
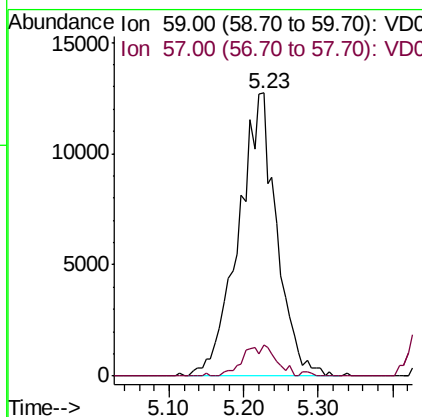
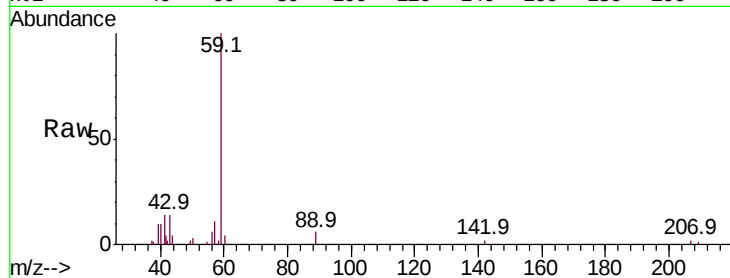


#11

Tert butyl alcohol
Concen: 214.233 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

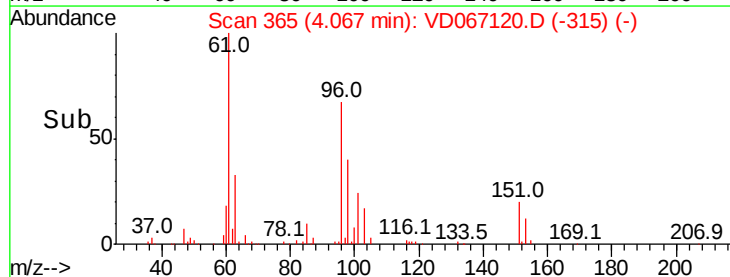
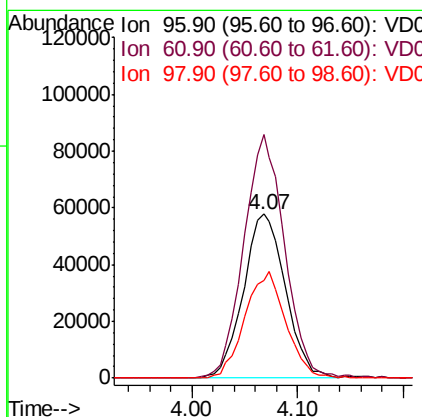
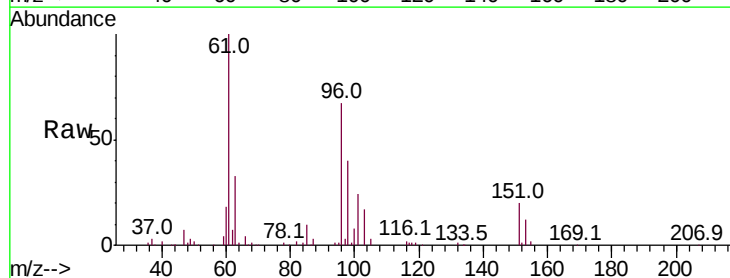
Tot Ion: 59 Resp: 45121
Ion Ratio Lower Upper
59 100
57 5.0 8.2 12.4#

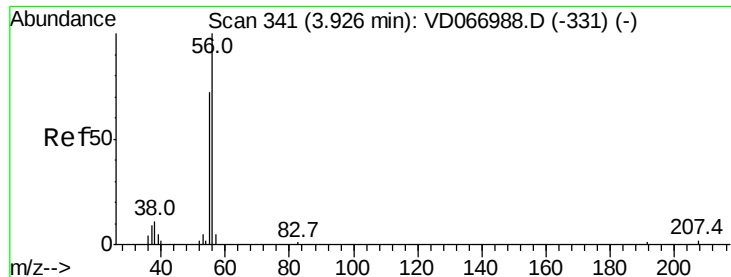


#12

1,1-Dichloroethene
Concen: 46.888 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 96 Resp: 159729
Ion Ratio Lower Upper
96 100
61 148.8 116.4 174.6
98 59.8 49.9 74.9





#13

Acrolein

Concen: 208.767 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

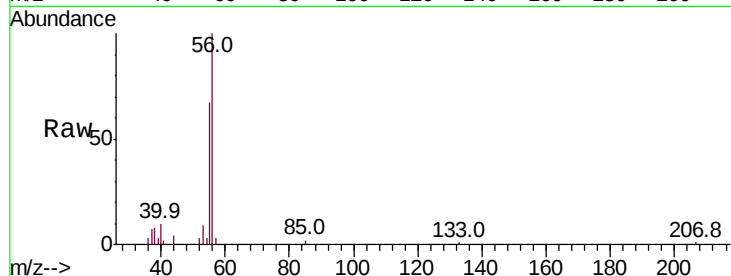
VSTDCCC050

Tot Ion: 56 Resp: 48658

Ion Ratio Lower Upper

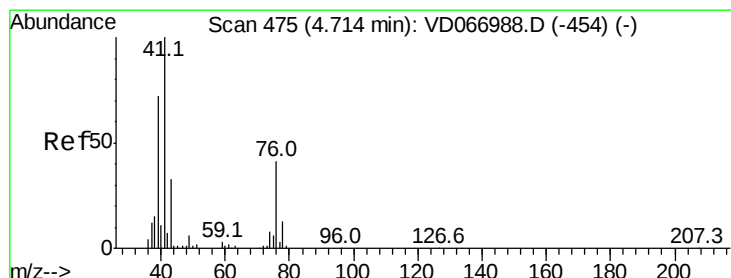
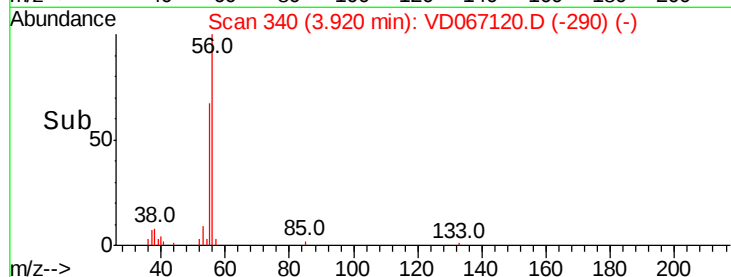
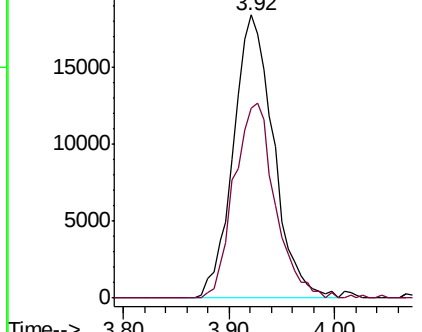
56 100

55 70.2 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: 44.944 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

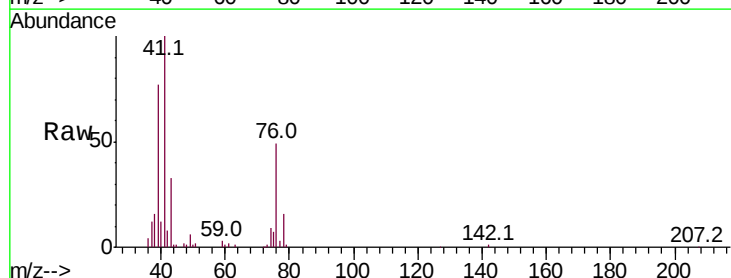
Tgt Ion: 41 Resp: 198901

Ion Ratio Lower Upper

41 100

39 73.4 56.2 84.2

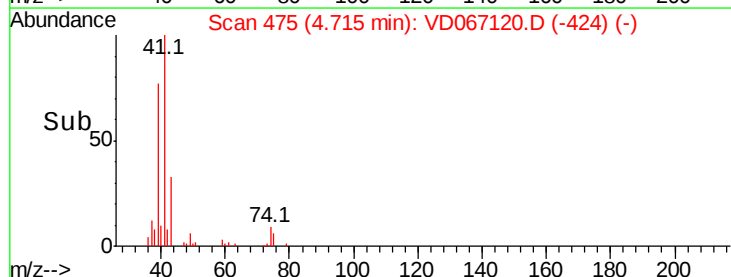
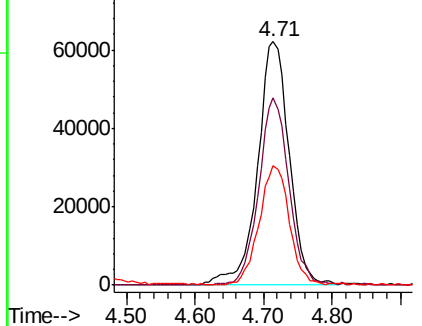
76 46.7 34.2 51.2

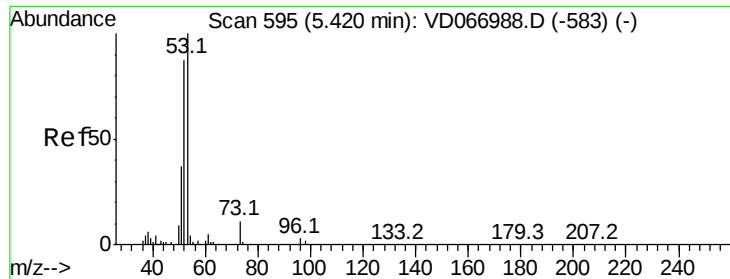


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 241.670 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

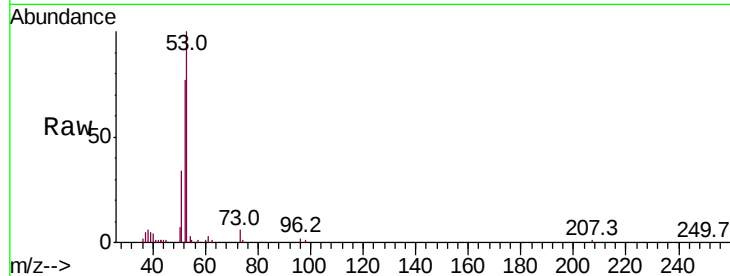
Tot Ion: 53 Resp: 141413

Ion Ratio Lower Upper

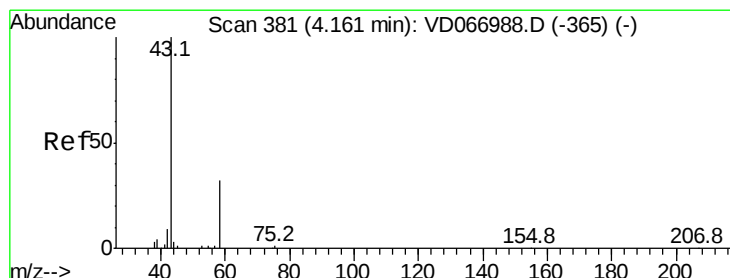
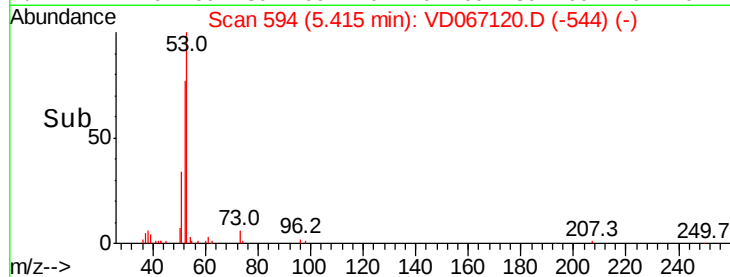
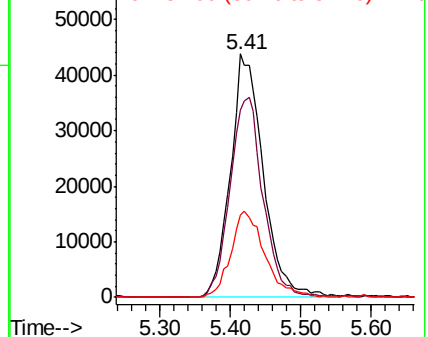
53 100

52 82.9 67.3 100.9

51 36.7 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: 219.058 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067120.D

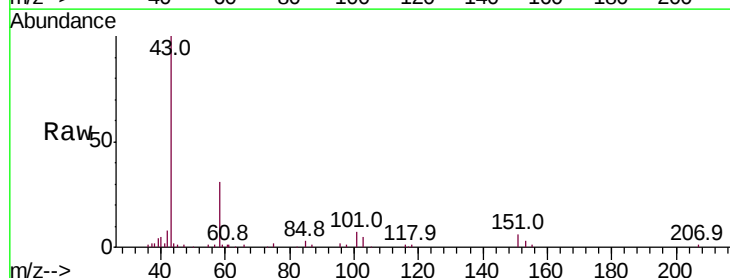
Acq: 06 Oct 2020 21:45

Tgt Ion: 43 Resp: 116396

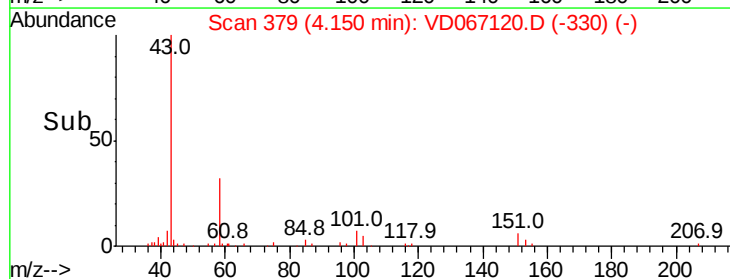
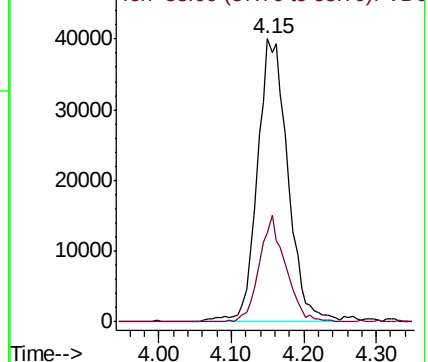
Ion Ratio Lower Upper

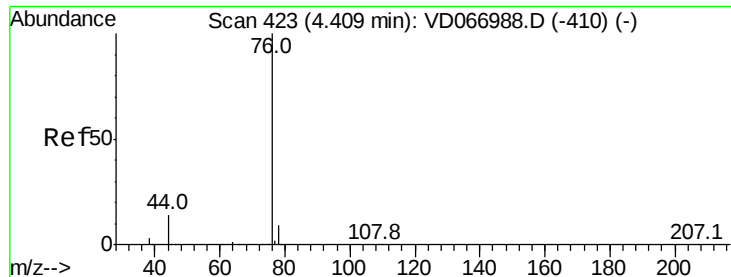
43 100

58 31.5 25.9 38.9



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

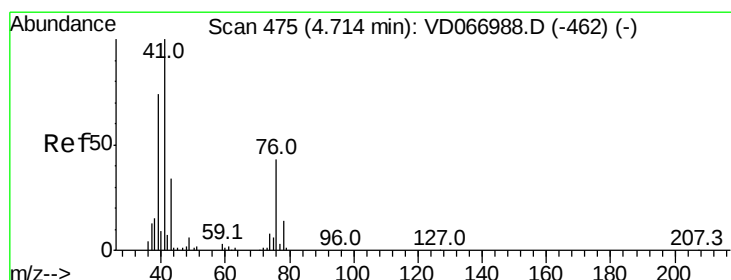
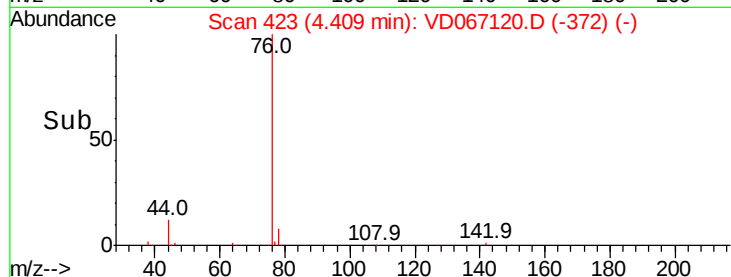
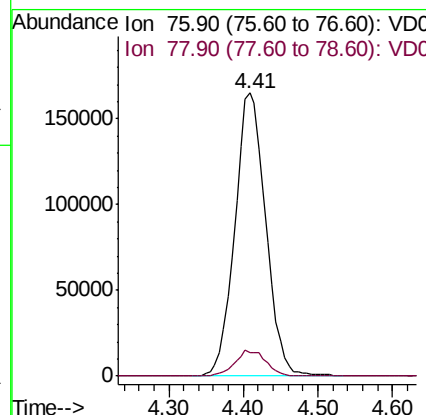
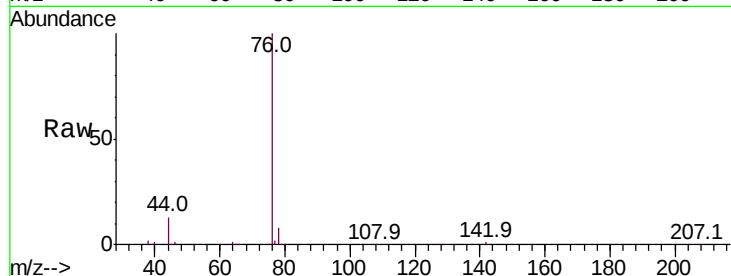




#17
Carbon Disulfide
Concen: 45.380 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

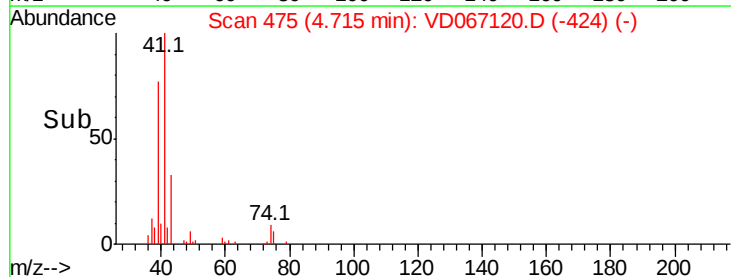
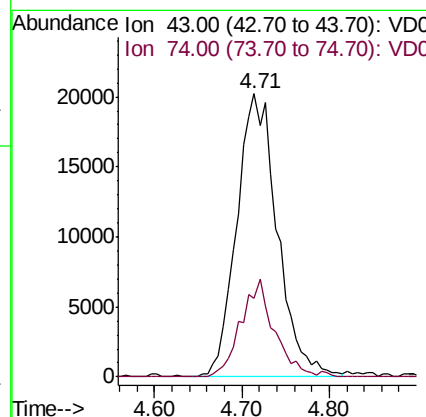
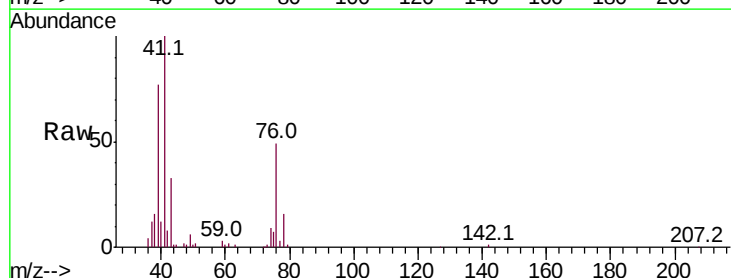
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

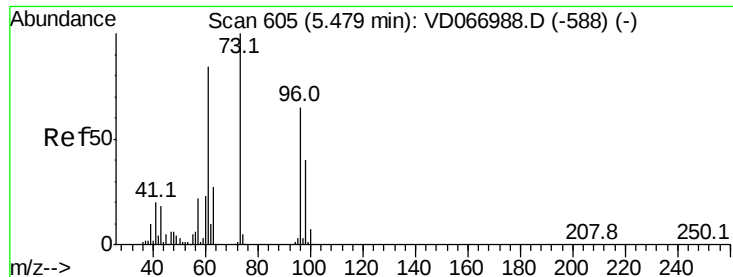
Tot Ion: 76 Resp: 474436
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 47.755 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 43 Resp: 63775
Ion Ratio Lower Upper
43 100
74 28.1 21.5 32.3

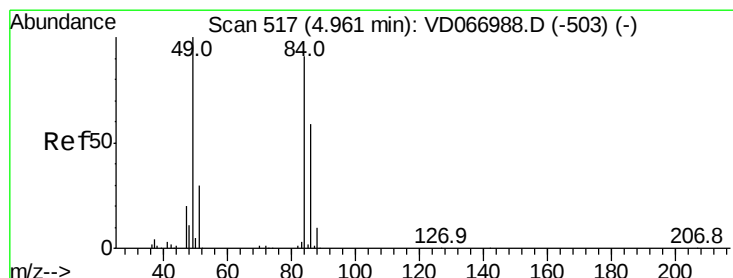
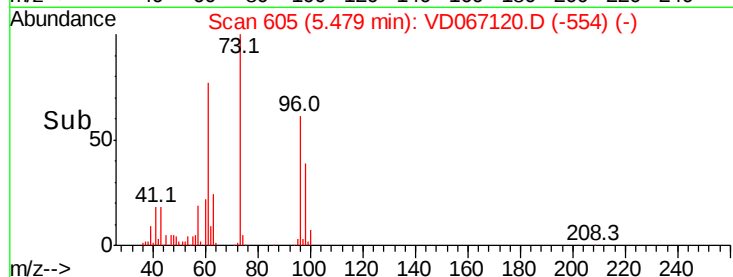
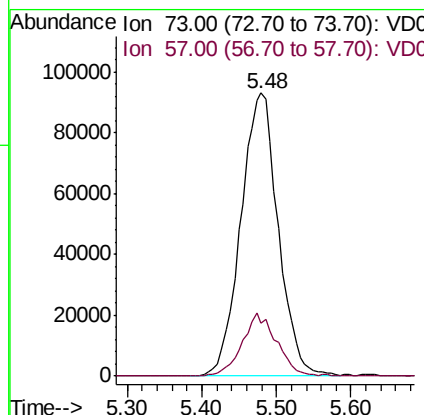
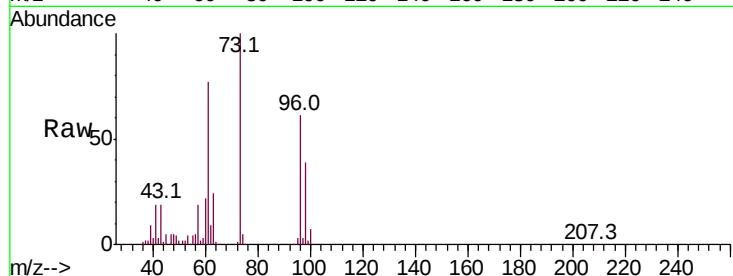




#19
Methvl tert-butvl Ether
Concen: 51.962 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

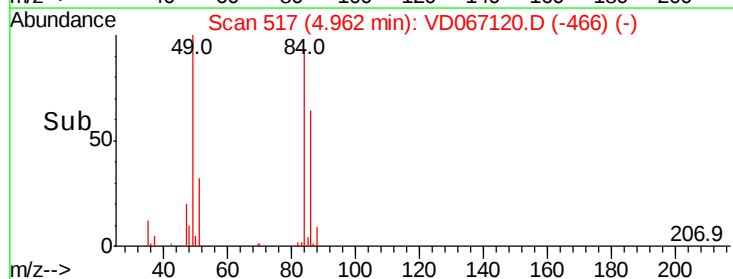
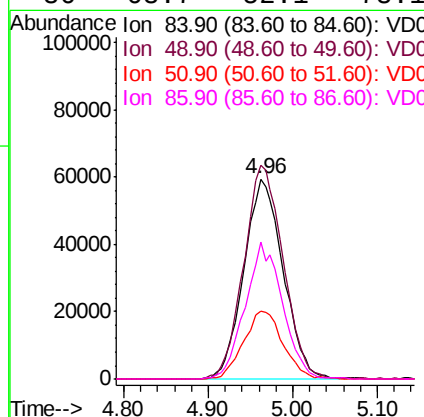
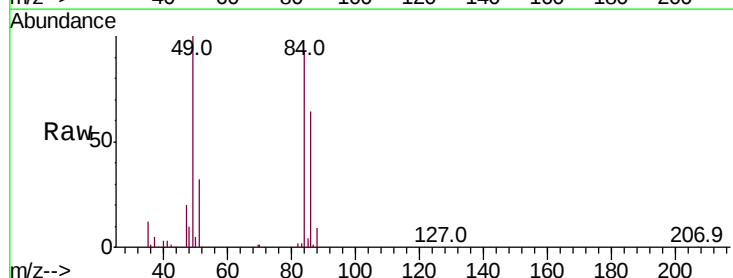
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

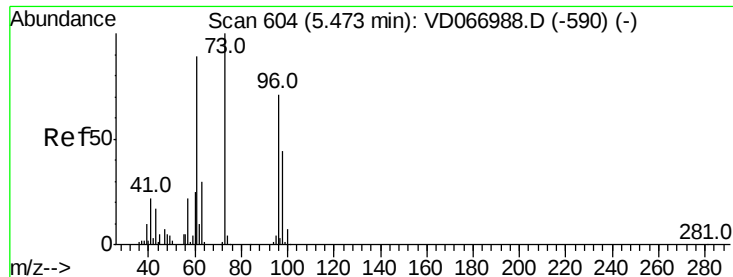
Tot Ion: 73 Resp: 323144
Ion Ratio Lower Upper
73 100
57 18.8 17.4 26.0



#20
Methylene Chloride
Concen: 51.150 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 84 Resp: 192236
Ion Ratio Lower Upper
84 100
49 107.0 88.2 132.2
51 34.2 26.6 39.8
86 68.7 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.510 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

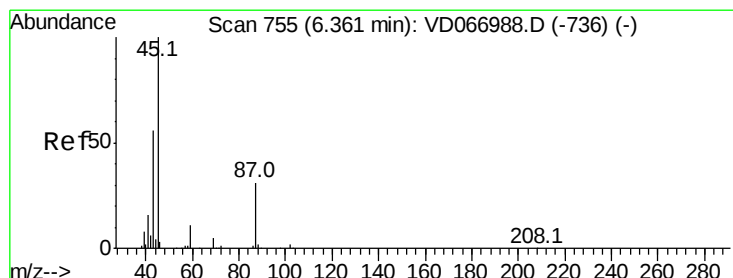
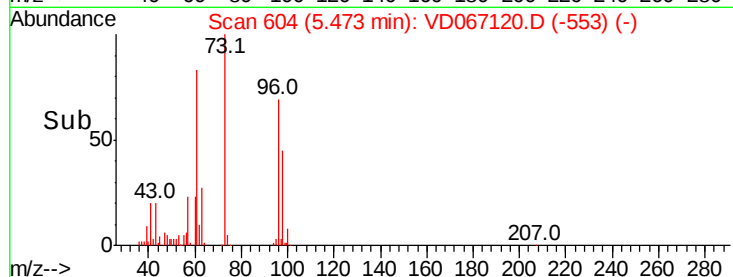
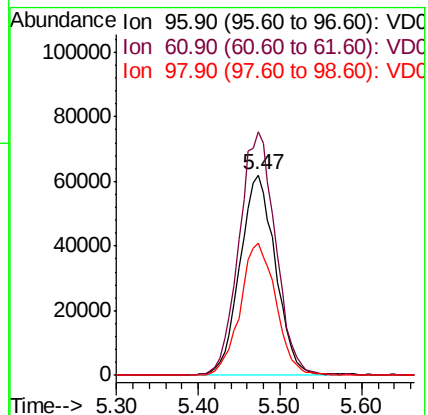
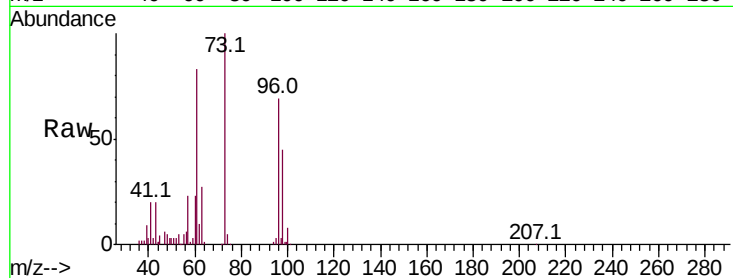
Tot Ion: 96 Resp: 188070

Ion Ratio Lower Upper

96 100

61 121.3 99.6 149.4

98 66.2 49.4 74.2



#22

Diisopropyl ether

Concen: 47.399 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion: 45 Resp: 382955

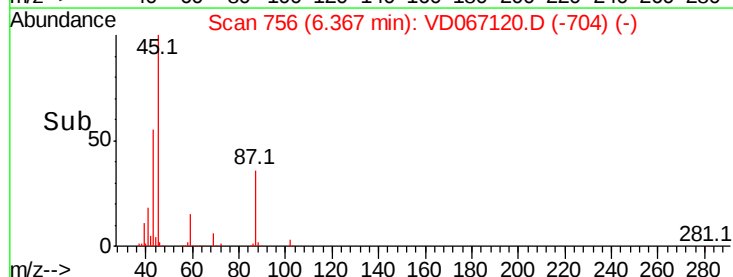
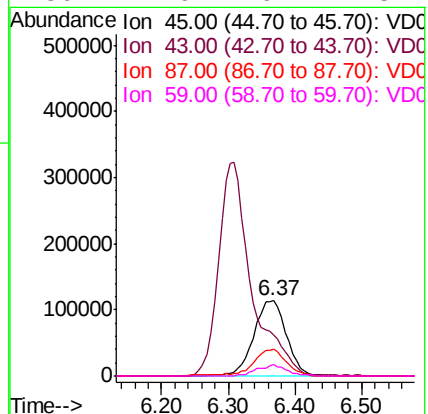
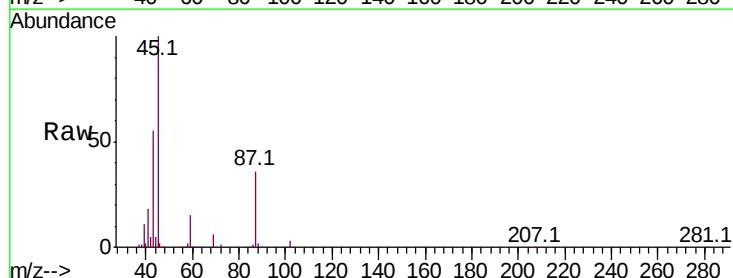
Ion Ratio Lower Upper

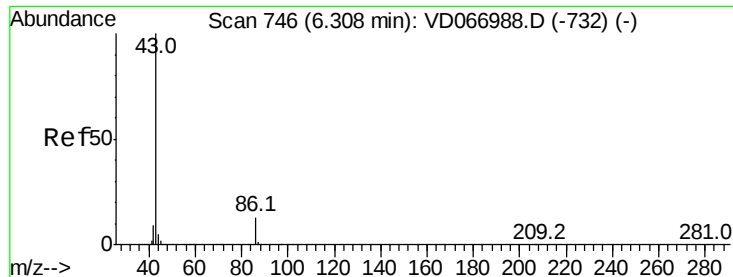
45 100

43 54.3 45.2 67.8

87 35.4 25.6 38.4

59 14.6 9.1 13.7#





#23

Vinyl Acetate

Concen: 244.511 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

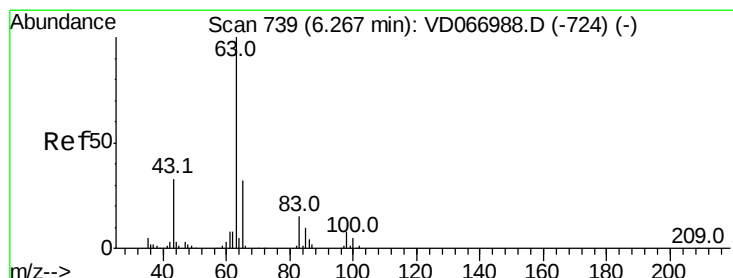
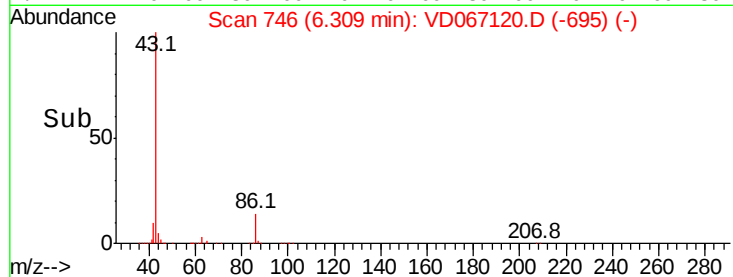
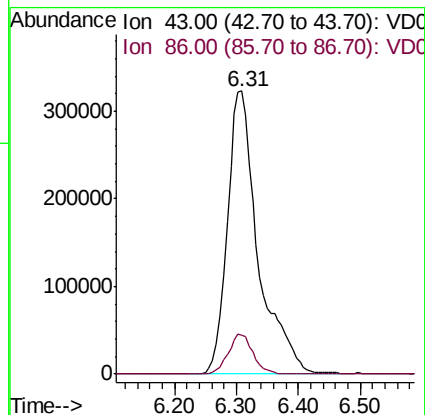
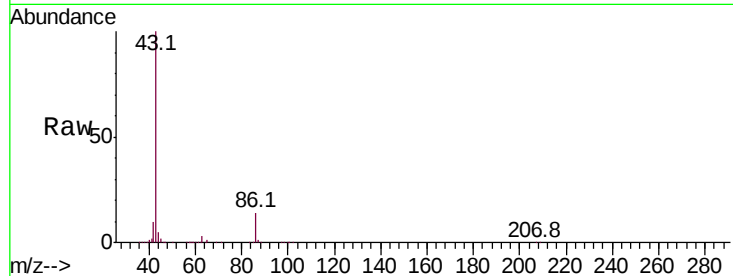
VSTDCCC050

Tot Ion: 43 Resp: 1119452

Ion Ratio Lower Upper

43 100

86 13.6 10.2 15.2



#24

1,1-Dichloroethane

Concen: 47.318 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

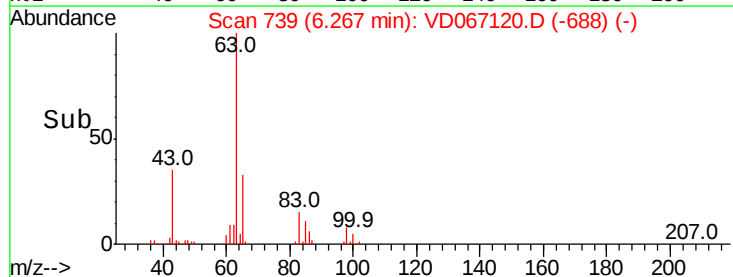
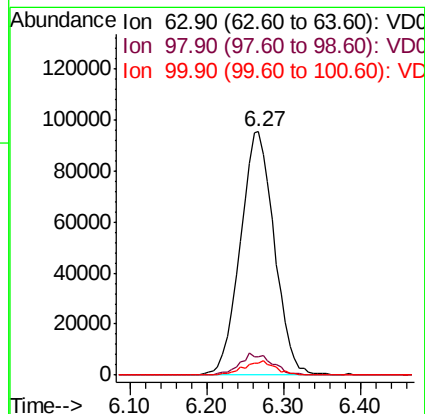
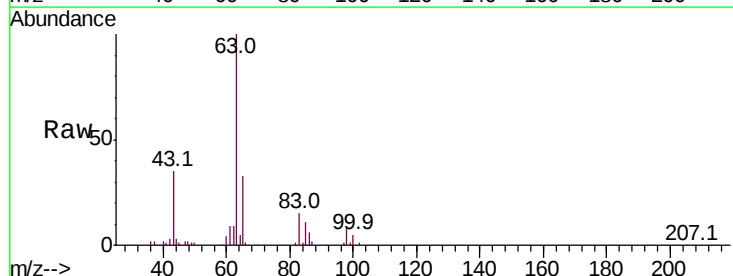
Tgt Ion: 63 Resp: 295039

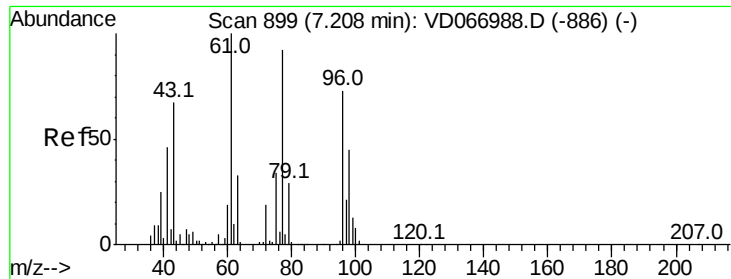
Ion Ratio Lower Upper

63 100

98 7.6 4.2 12.6

100 4.8 2.6 7.8





#25

2-Butanone

Concen: 224.974 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

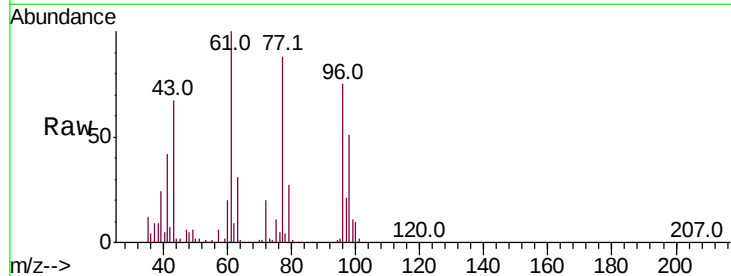
VSTDCCC050

Tot Ion: 43 Resp: 169479

Ion Ratio Lower Upper

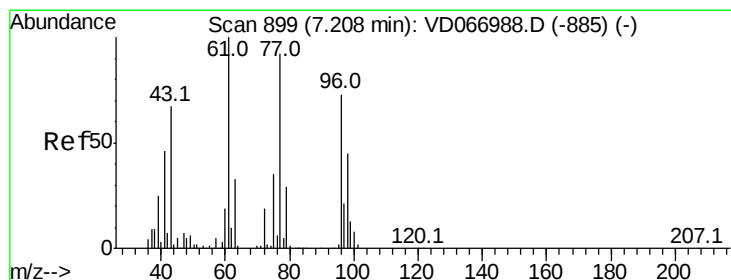
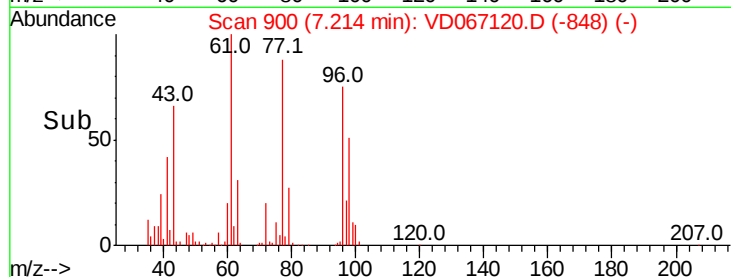
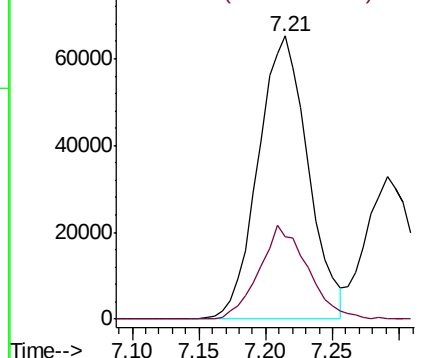
43 100

72 29.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 49.009 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067120.D

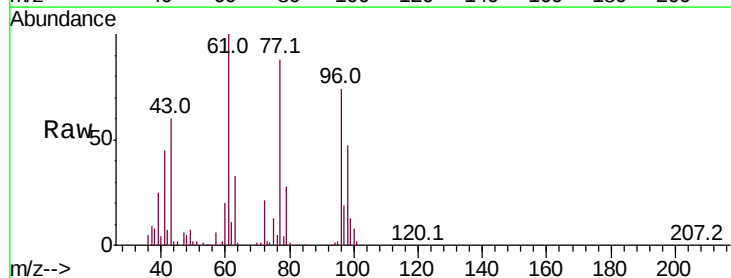
Acq: 06 Oct 2020 21:45

Tgt Ion: 77 Resp: 261741

Ion Ratio Lower Upper

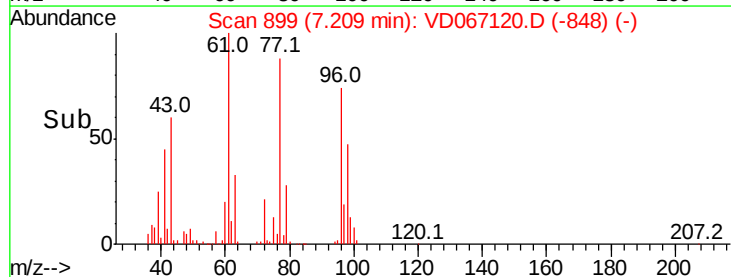
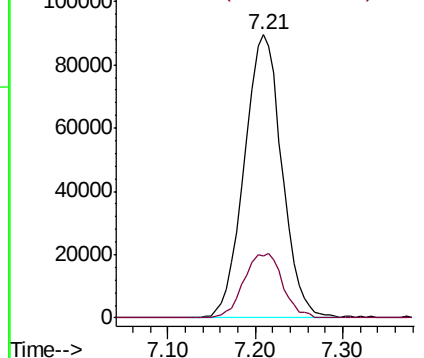
77 100

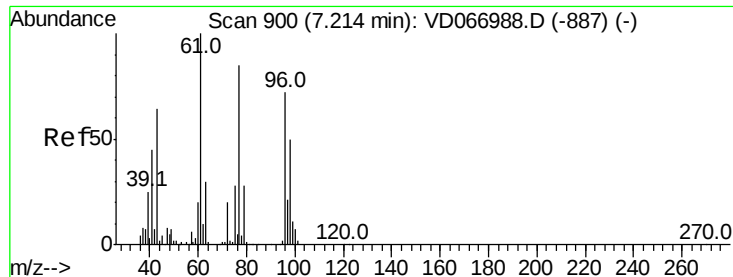
97 23.4 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



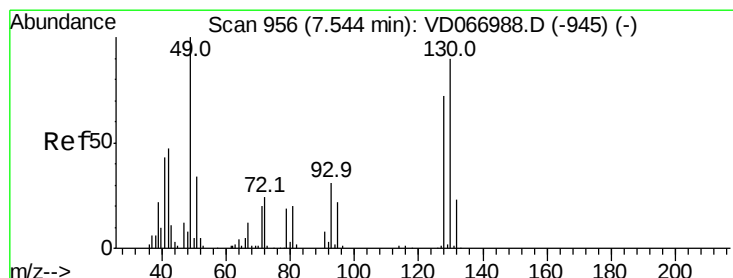
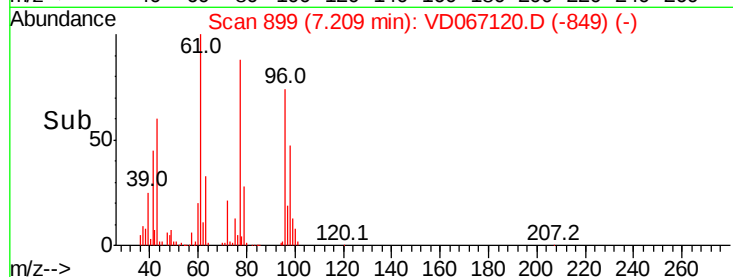
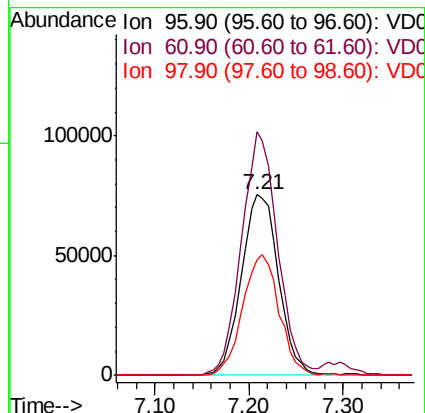
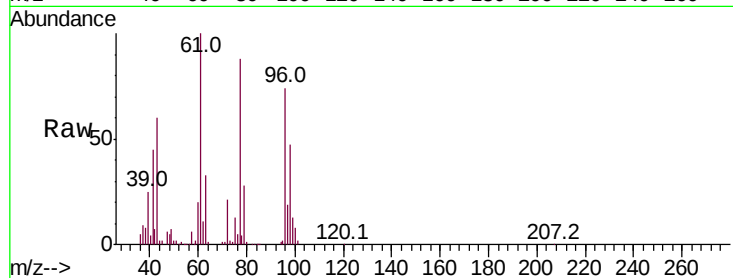


#27

cis-1,2-Dichloroethene
Concen: 49.977 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

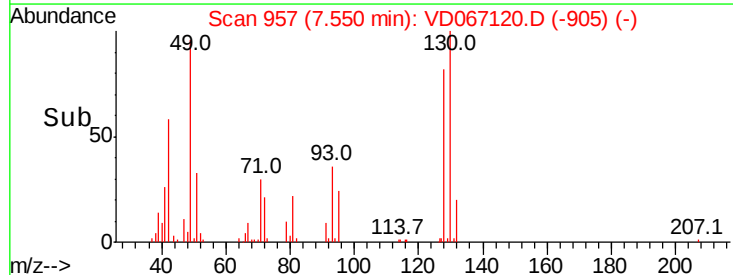
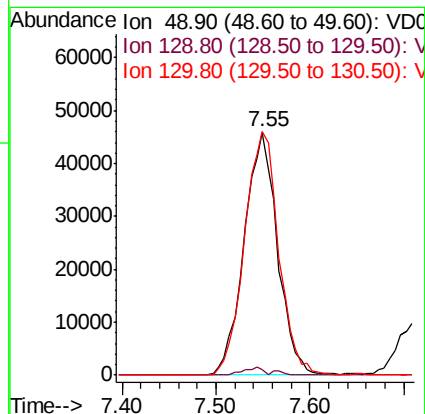
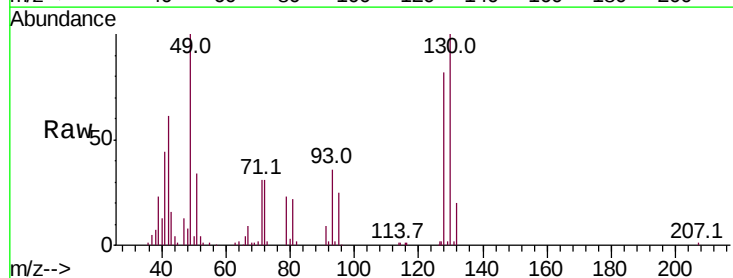
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	269.2
98	65.7	0.0	129.4

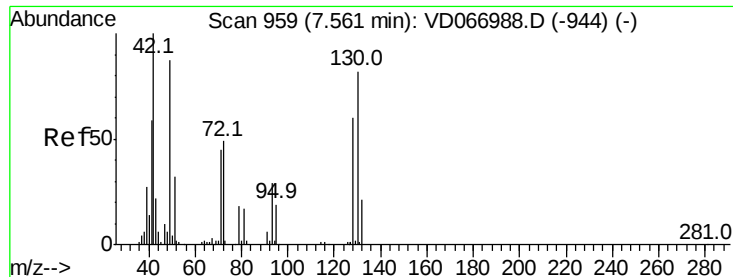


#28

Bromochloromethane
Concen: 46.811 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	102.6	74.1	111.1

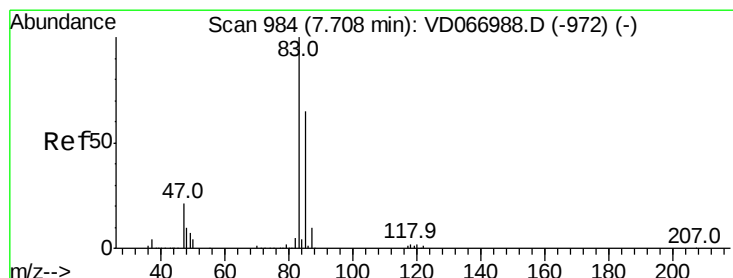
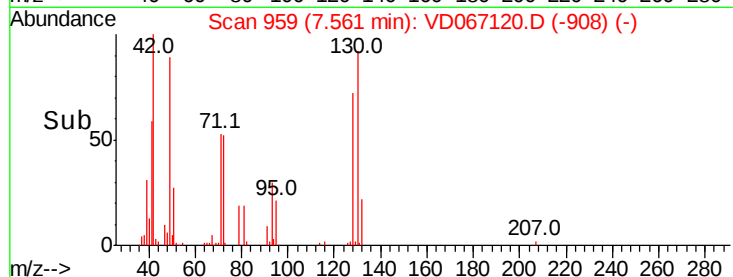
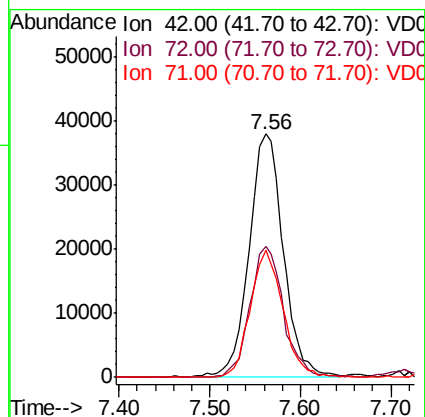
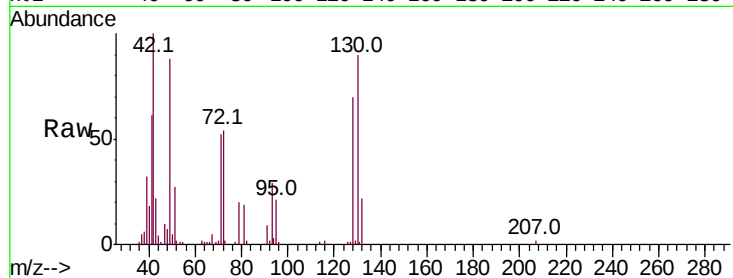




#29
Tetrahydrofuran
Concen: 230.455 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

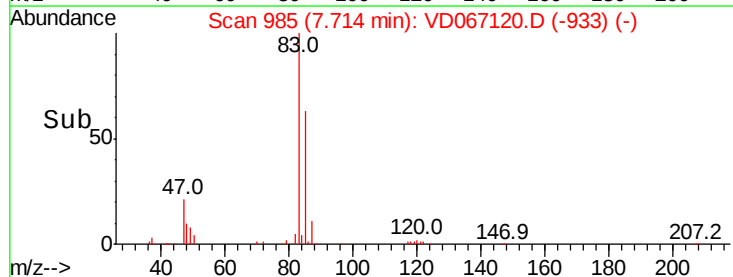
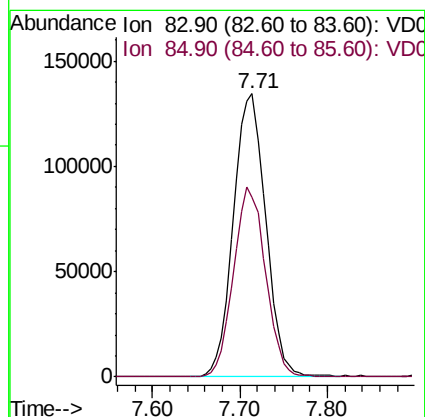
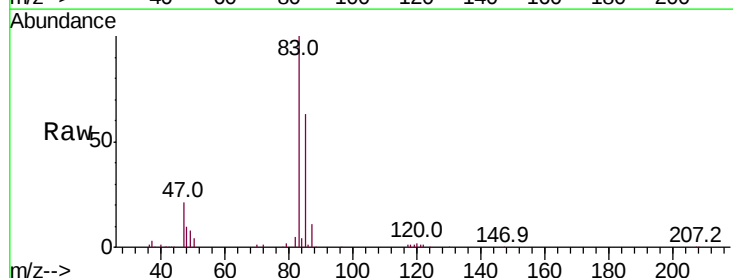
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

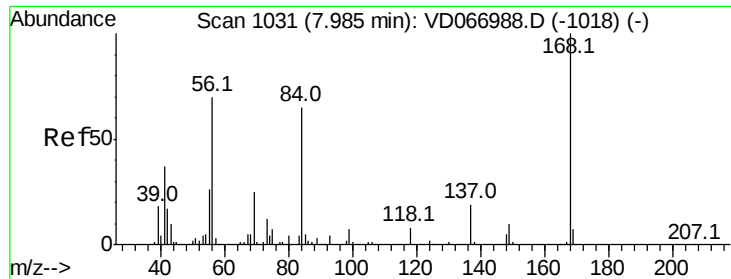
Tot Ion: 42 Resp: 99823
Ion Ratio Lower Upper
42 100
72 52.4 39.1 58.7
71 49.8 34.2 51.4



#30
Chloroform
Concen: 49.958 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 83 Resp: 337917
Ion Ratio Lower Upper
83 100
85 63.5 52.3 78.5

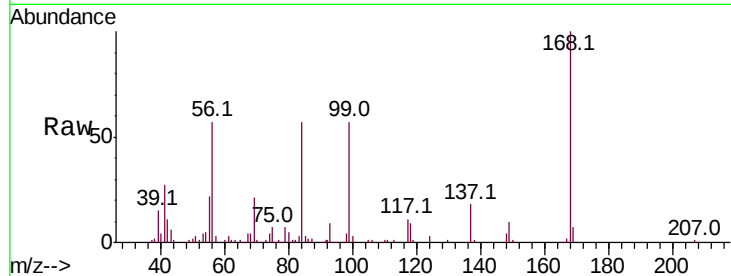




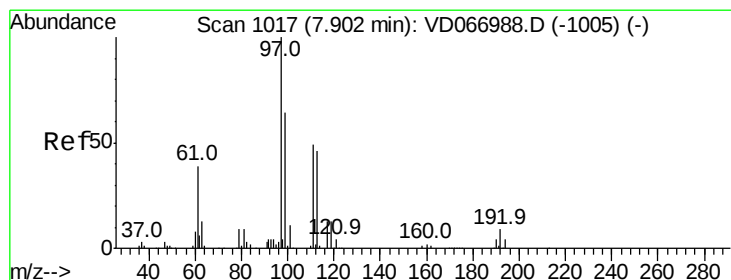
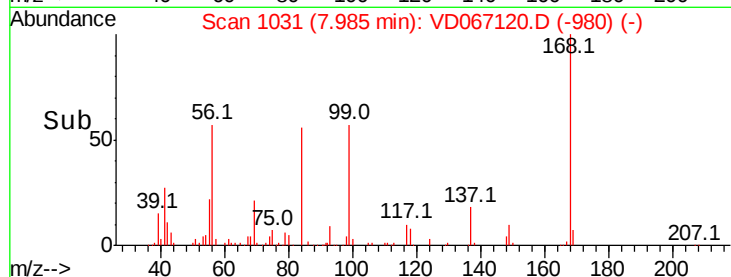
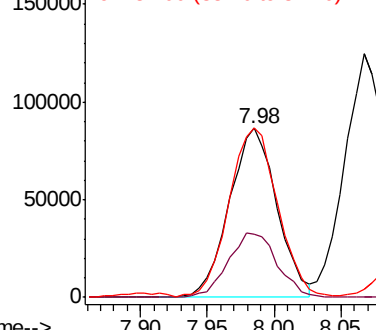
#31
Cyclohexane
Concen: 40.942 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 214020
Ion Ratio Lower Upper
56 100
69 37.4 29.0 43.6
84 97.5 74.2 111.2

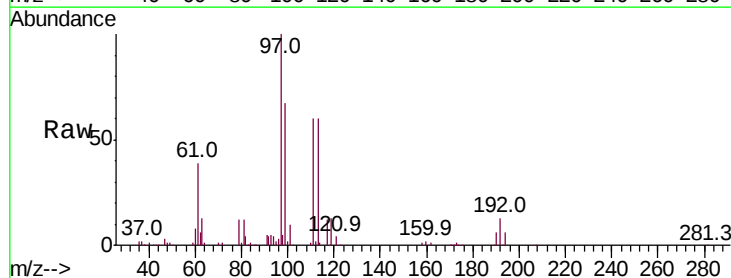


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

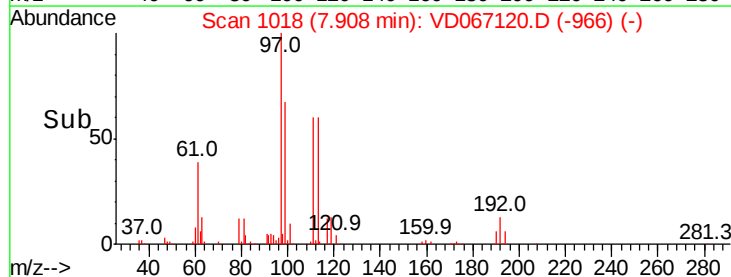
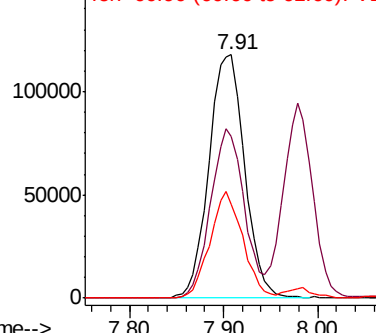


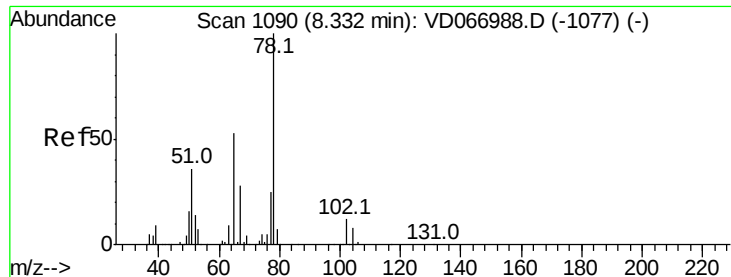
#32
1,1,1-Trichloroethane
Concen: 49.591 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 97 Resp: 310864
Ion Ratio Lower Upper
97 100
99 66.0 52.6 78.8
61 40.1 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

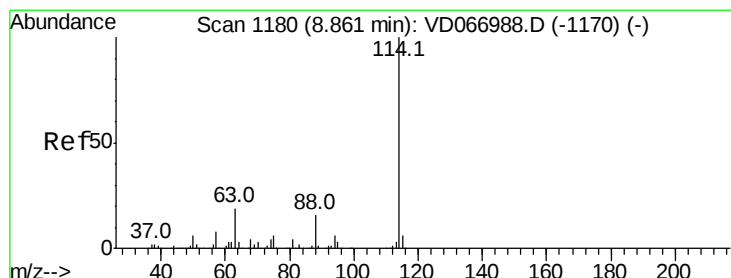
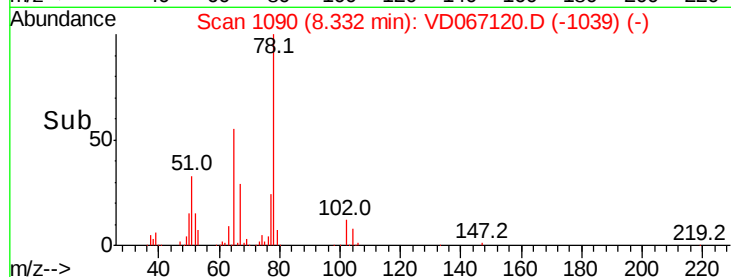
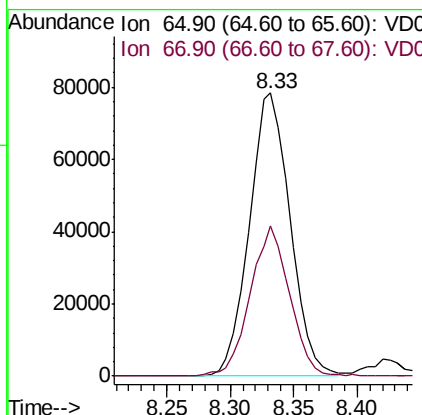
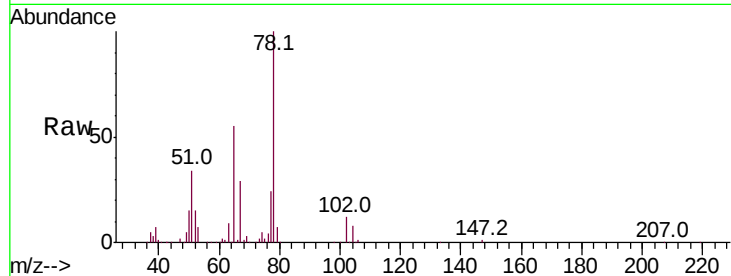




#33
 1,2-Dichloroethane-d4
 Concen: 50.381 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

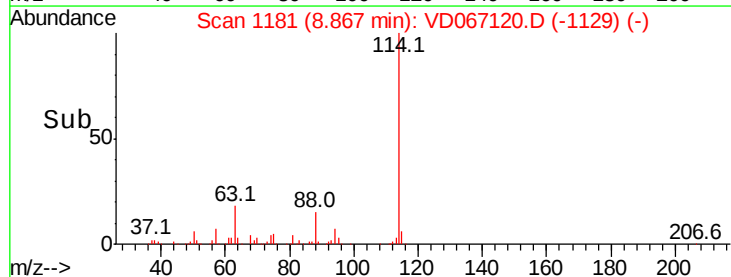
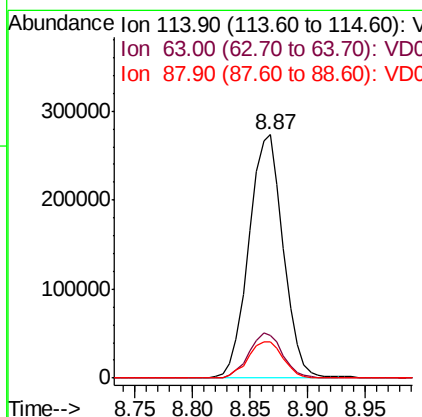
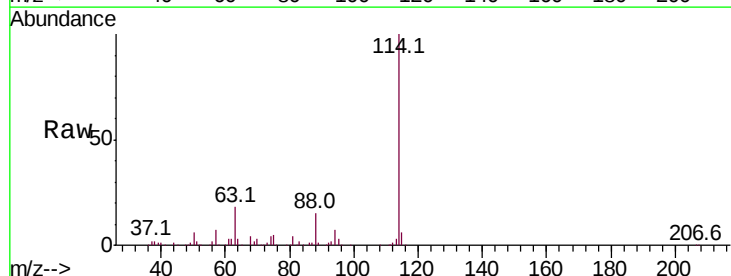
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

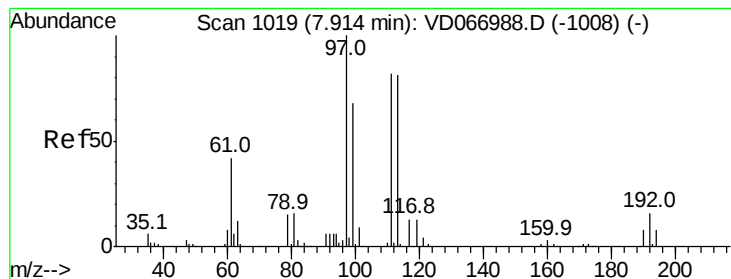
Tot Ion: 65 Resp: 175367
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion: 114 Resp: 568053
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 38.4
 88 14.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.129 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

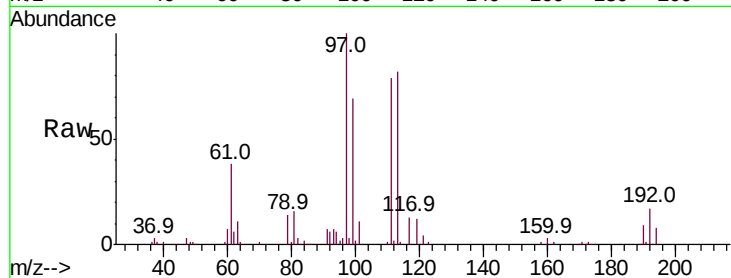
Tot Ion:113 Resp: 190147

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.4

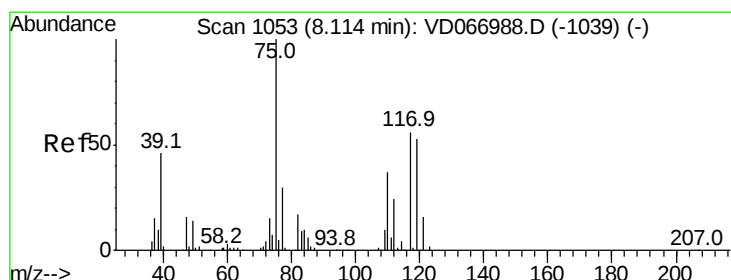
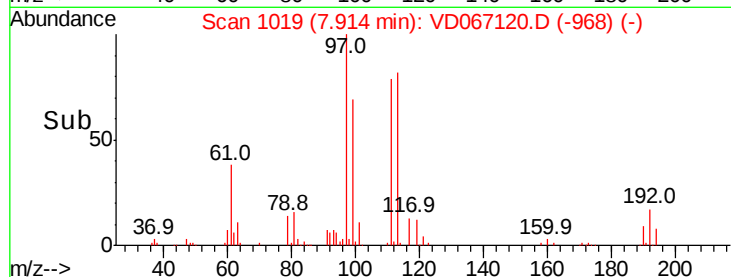
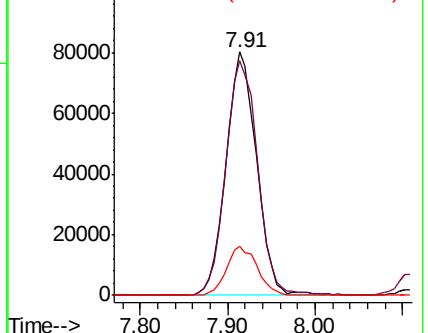
192 20.1 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.890 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

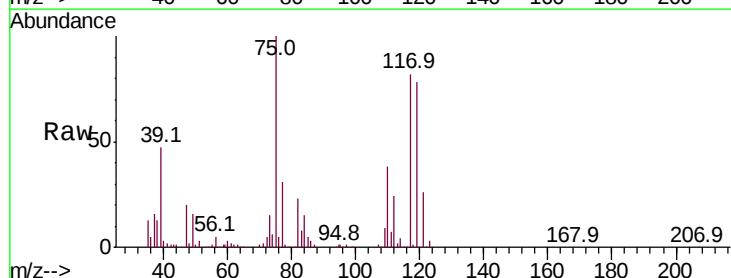
Tgt Ion: 75 Resp: 242981

Ion Ratio Lower Upper

75 100

110 38.3 18.4 55.0

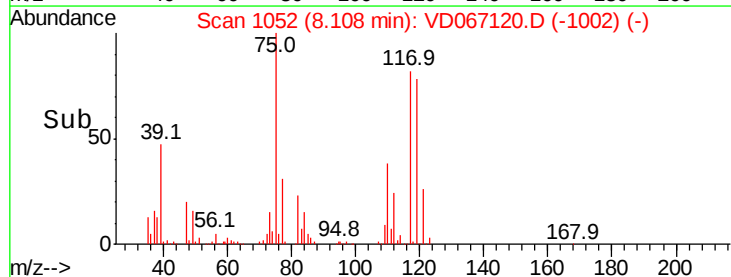
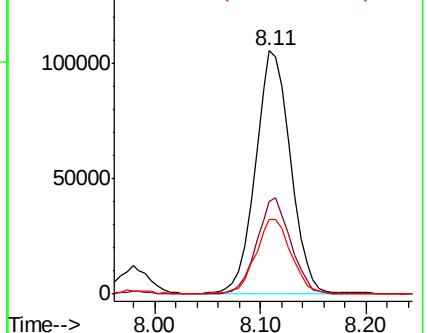
77 31.4 24.8 37.2

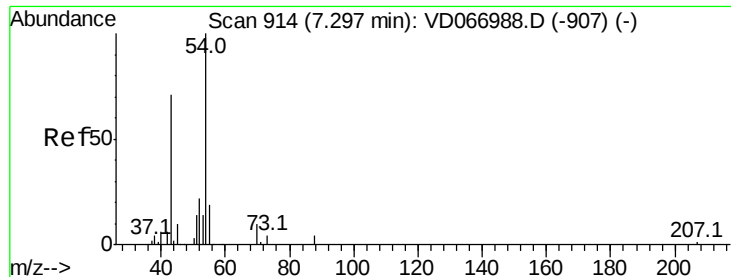


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 45.020 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

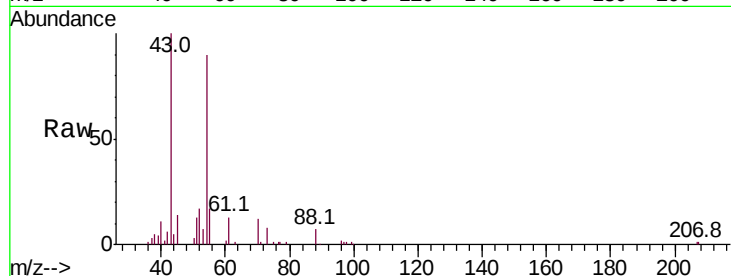
Tot Ion: 43 Resp: 82579

Ion Ratio Lower Upper

43 100

61 14.7 12.5 18.7

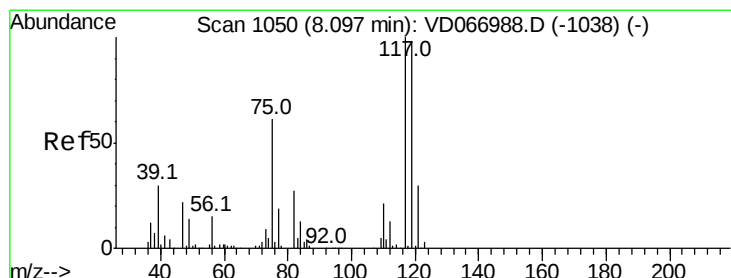
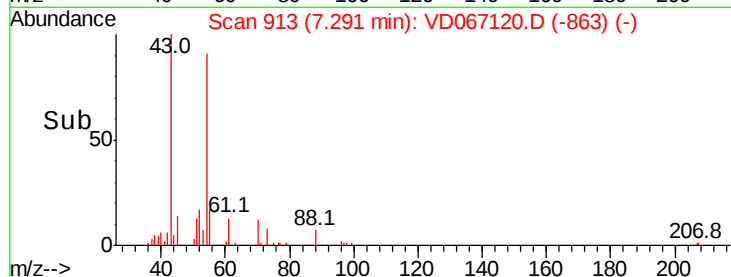
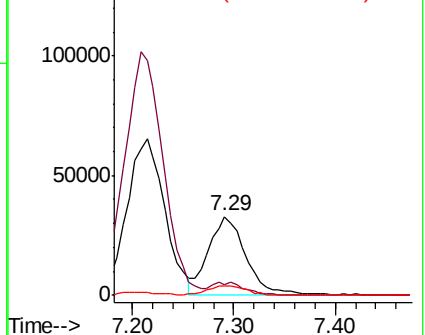
70 13.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 49.957 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

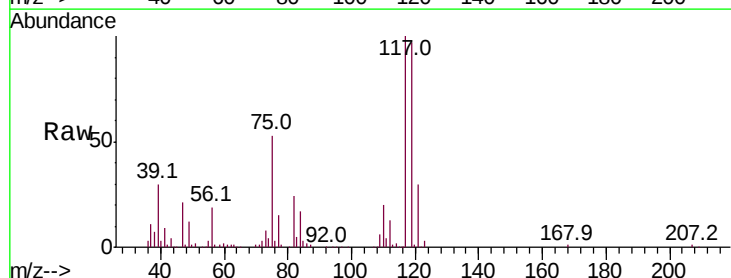
Tgt Ion: 117 Resp: 286202

Ion Ratio Lower Upper

117 100

119 97.1 78.7 118.1

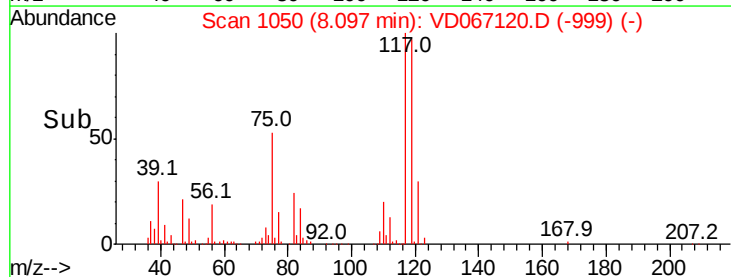
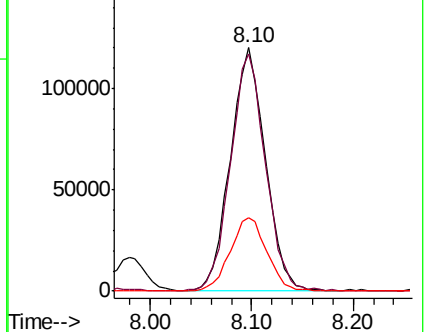
121 30.4 24.2 36.2

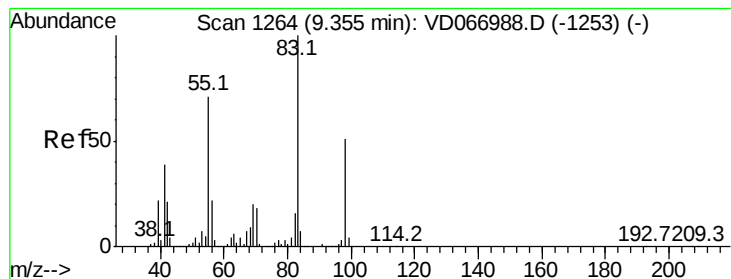


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 47.495 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

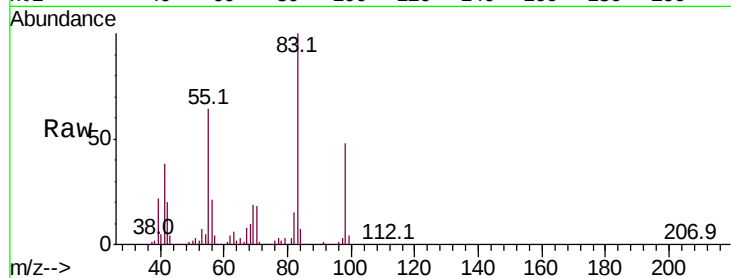
Tot Ion: 83 Resp: 265876

Ion Ratio Lower Upper

83 100

55 63.6 57.1 85.7

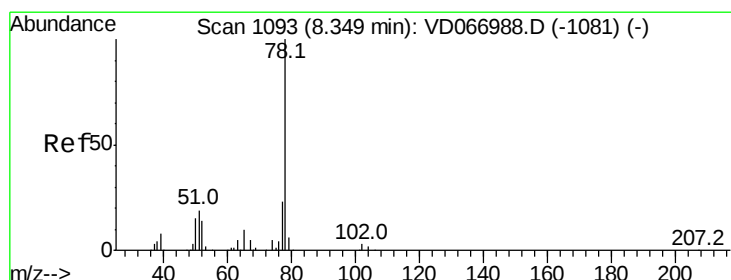
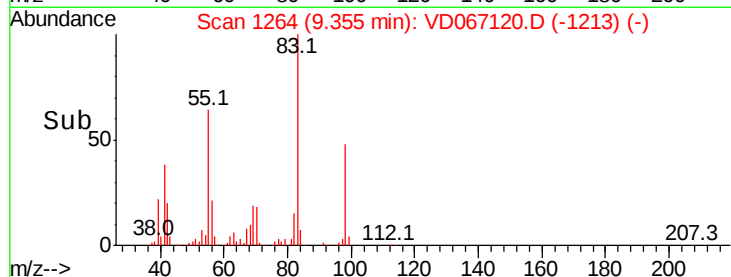
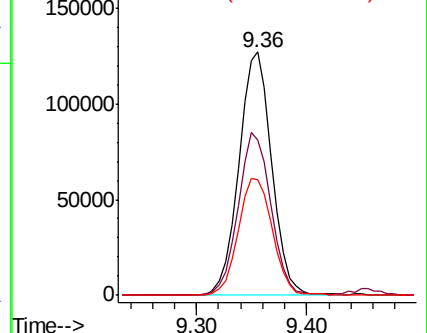
98 47.6 40.9 61.3



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: 48.696 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VD067120.D

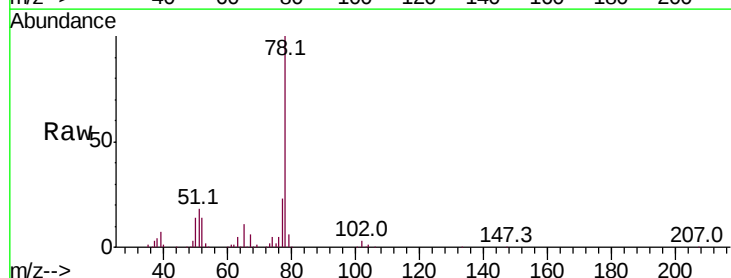
Acq: 06 Oct 2020 21:45

Tgt Ion: 78 Resp: 716163

Ion Ratio Lower Upper

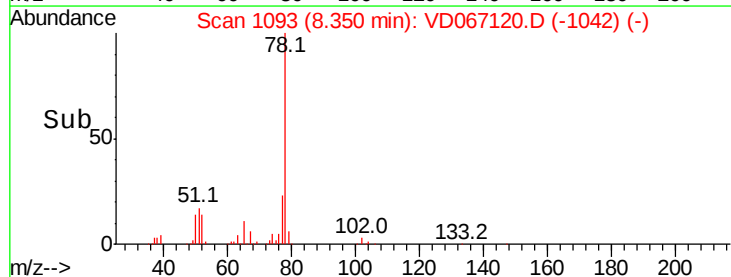
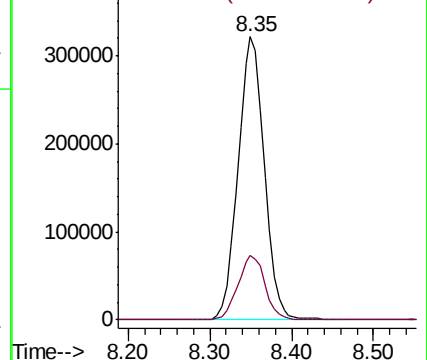
78 100

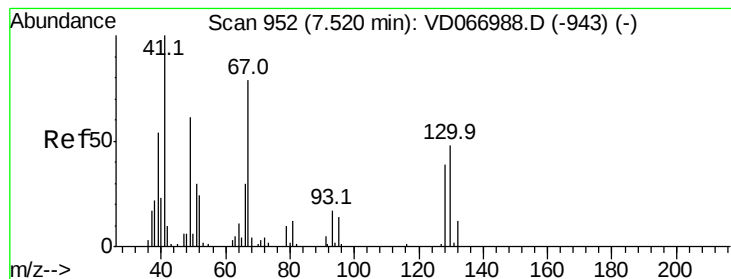
77 22.6 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 47.152 ug/l

RT: 7.52 min Scan# 952

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 46726

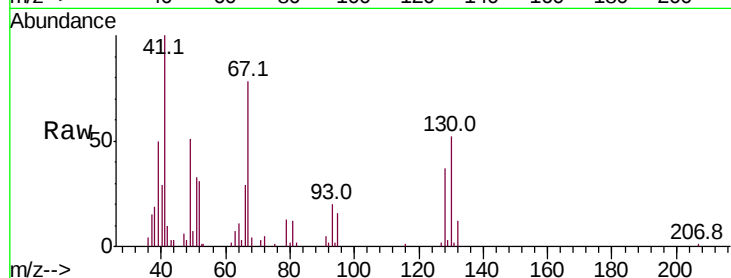
Ion Ratio Lower Upper

41 100

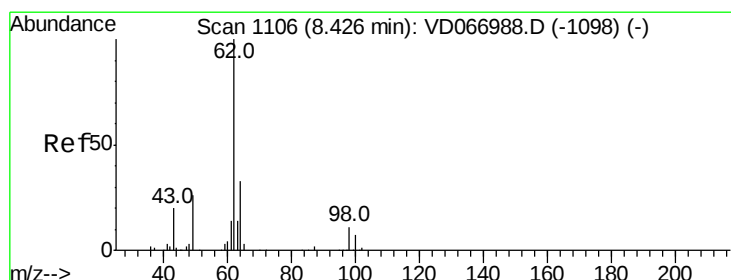
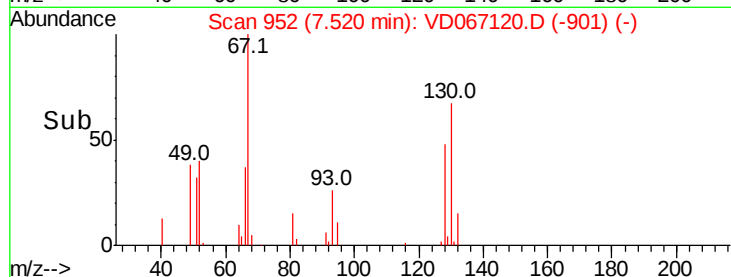
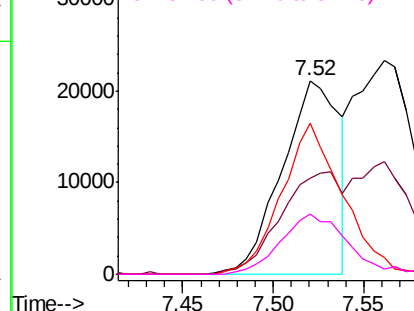
39 55.7 0.0 0.0#

67 83.7 0.0 0.0#

52 36.4 0.0 0.0#



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



#42

1,2-Dichloroethane

Concen: 50.004 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067120.D

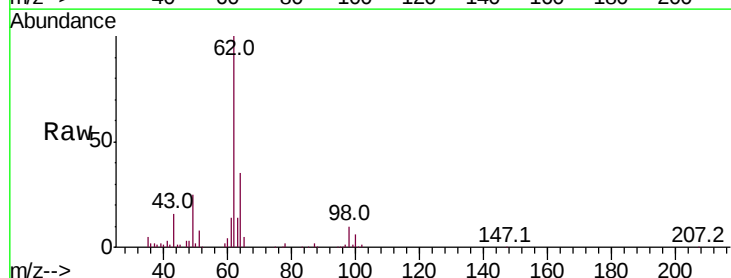
Acq: 06 Oct 2020 21:45

Tgt Ion: 62 Resp: 205494

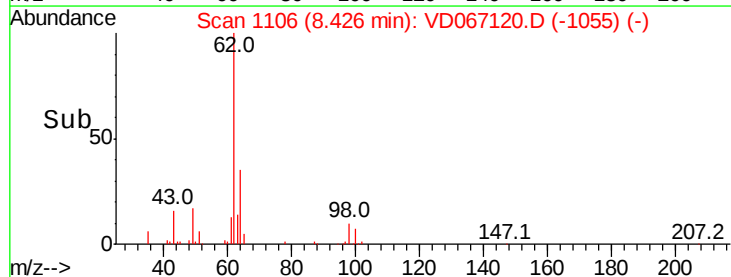
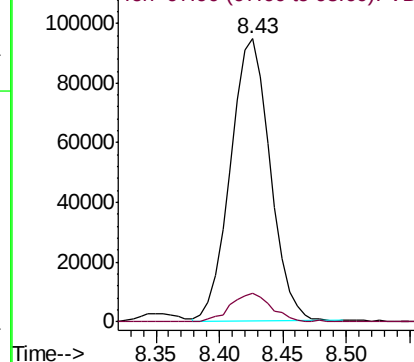
Ion Ratio Lower Upper

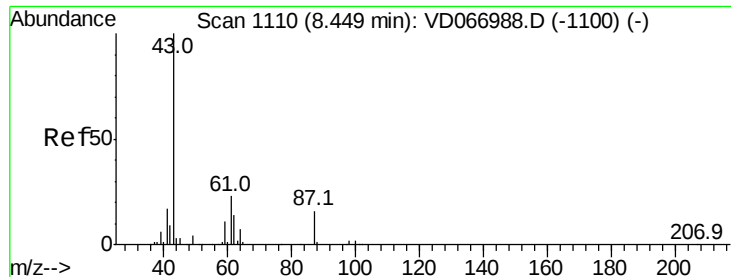
62 100

98 10.7 0.0 22.6



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





#43

Isopropyl Acetate

Concen: 46.406 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

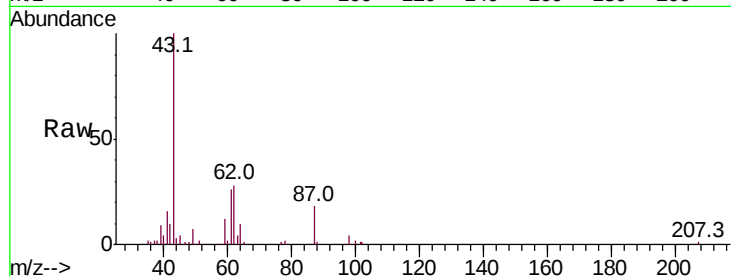
Tot Ion: 43 Resp: 156815

Ion Ratio Lower Upper

43 100

61 36.0 27.1 40.7

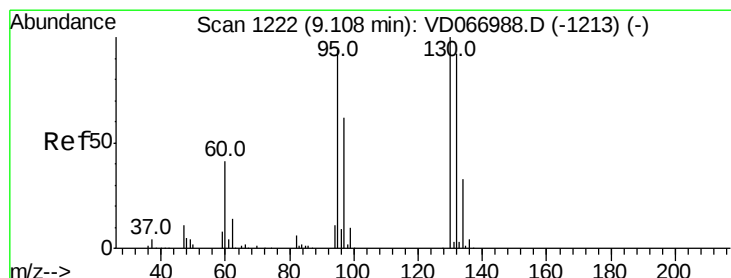
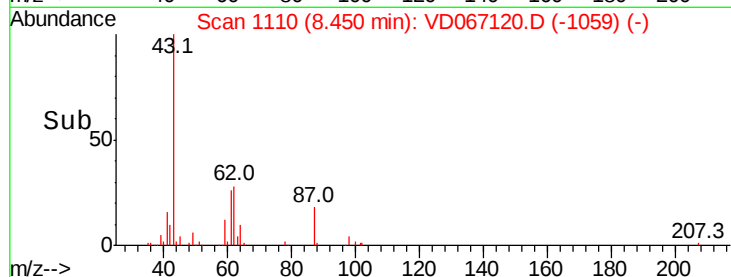
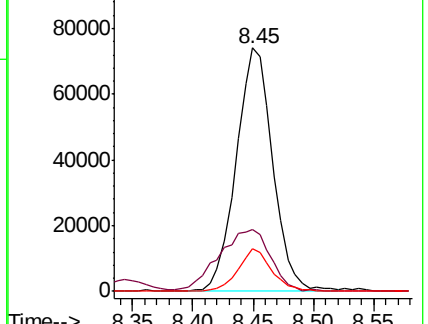
87 16.1 12.3 18.5



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: 49.813 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067120.D

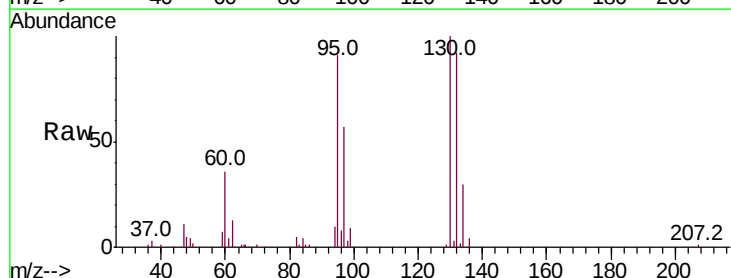
Acq: 06 Oct 2020 21:45

Tgt Ion:130 Resp: 218758

Ion Ratio Lower Upper

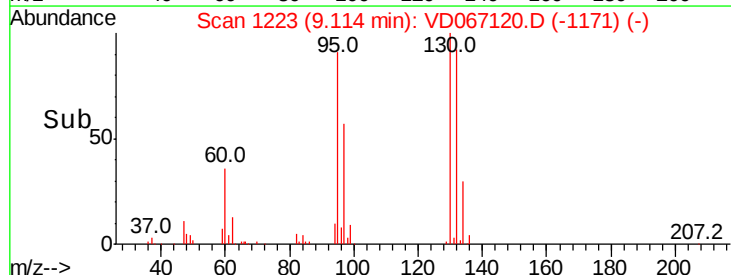
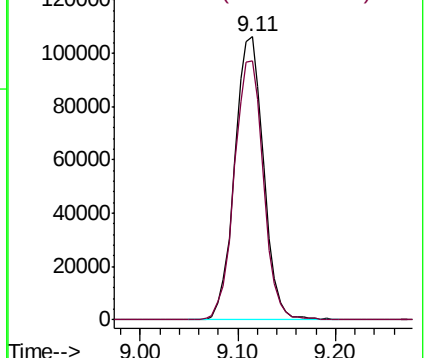
130 100

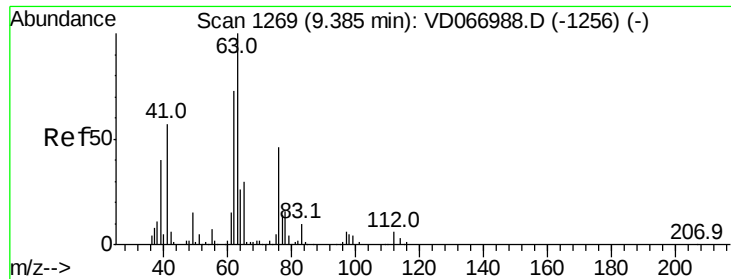
95 91.4 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 49.172 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

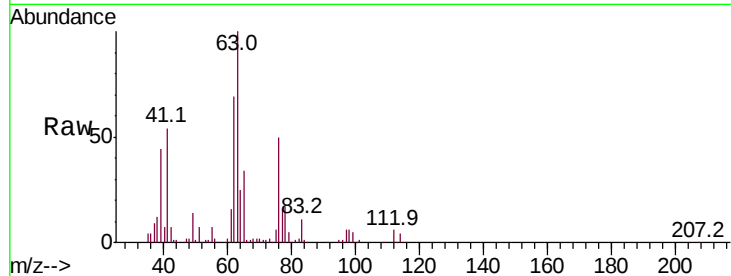
VSTDCCC050

Tot Ion: 63 Resp: 169915

Ion Ratio Lower Upper

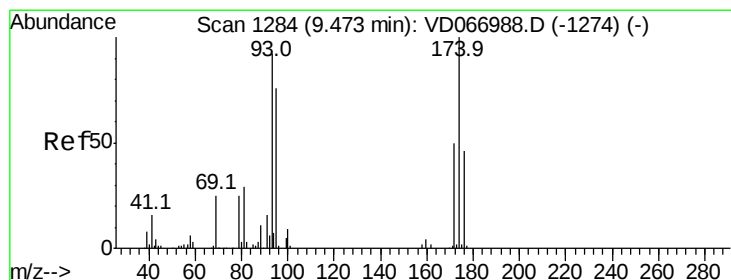
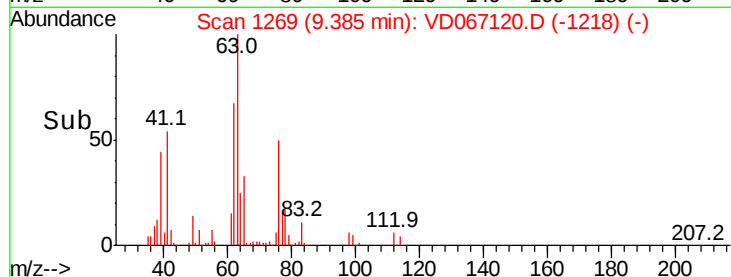
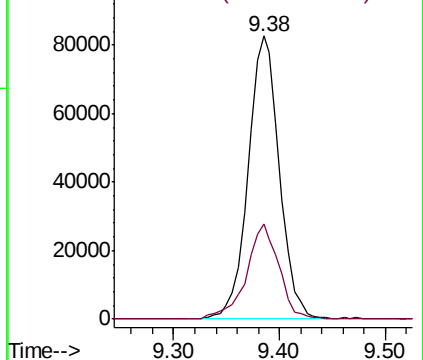
63 100

65 33.6 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 50.615 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

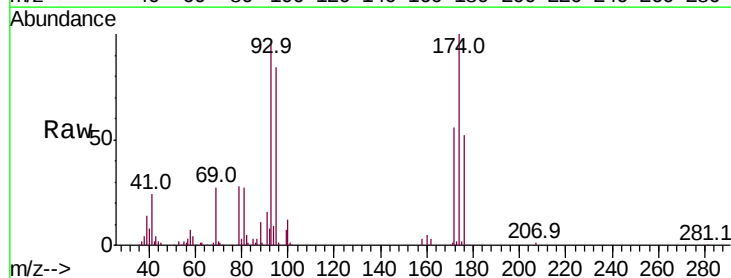
Tgt Ion: 93 Resp: 100526

Ion Ratio Lower Upper

93 100

95 86.1 64.7 97.1

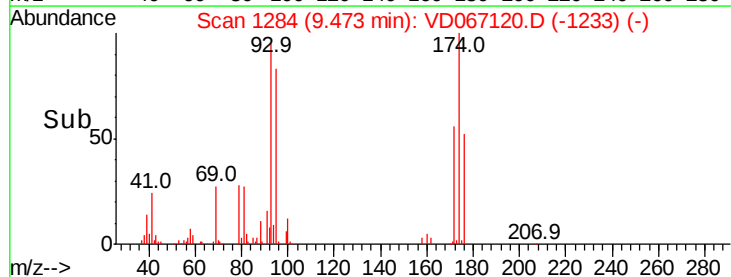
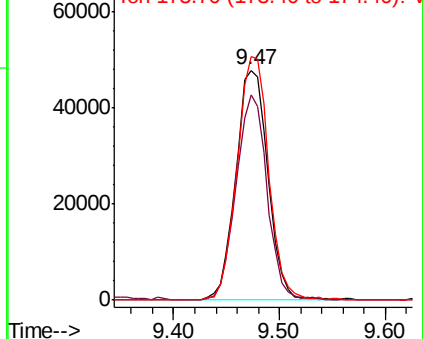
174 104.1 81.4 122.2

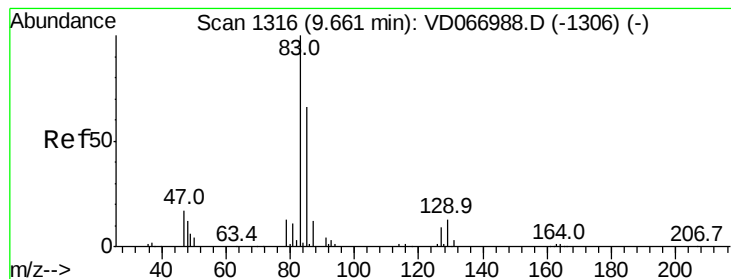


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.946 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

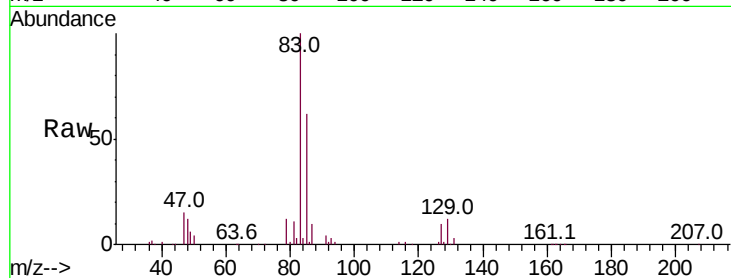
Tot Ion: 83 Resp: 268183

Ion Ratio Lower Upper

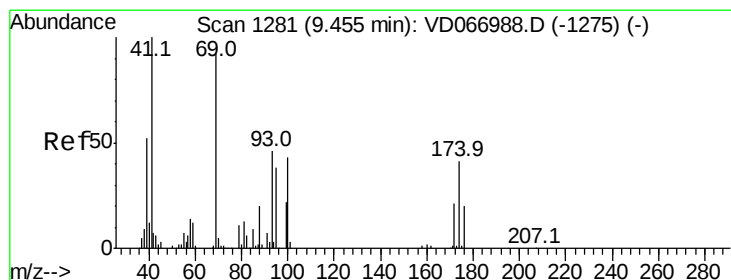
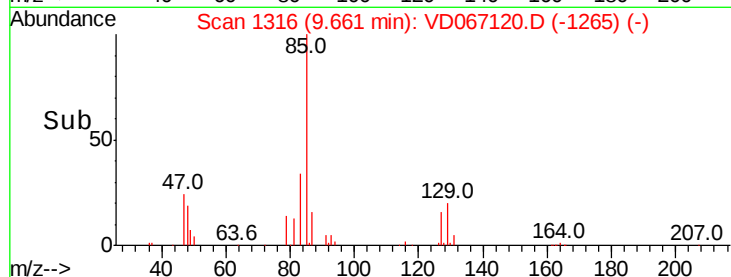
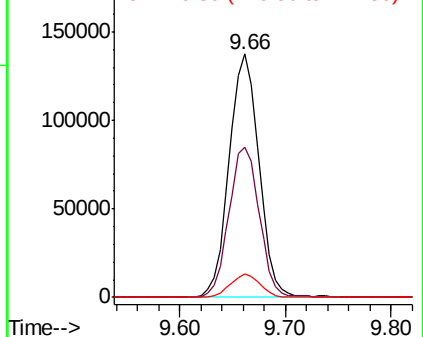
83 100

85 61.5 52.9 79.3

127 9.8 7.3 10.9



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



#48

Methyl methacrylate

Concen: 44.580 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

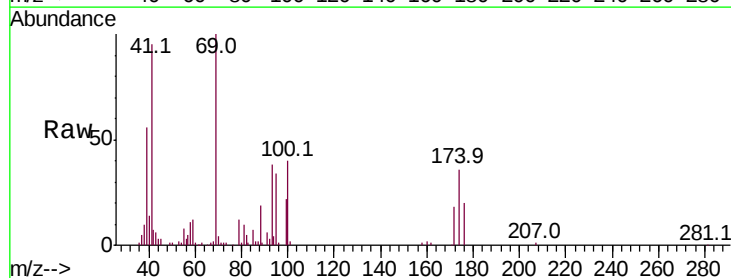
Tgt Ion: 41 Resp: 77177

Ion Ratio Lower Upper

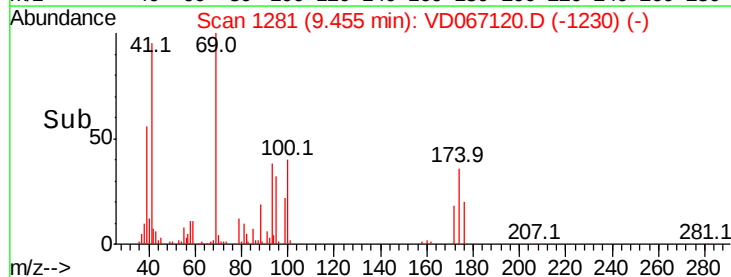
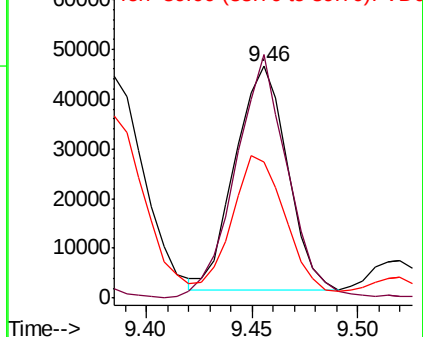
41 100

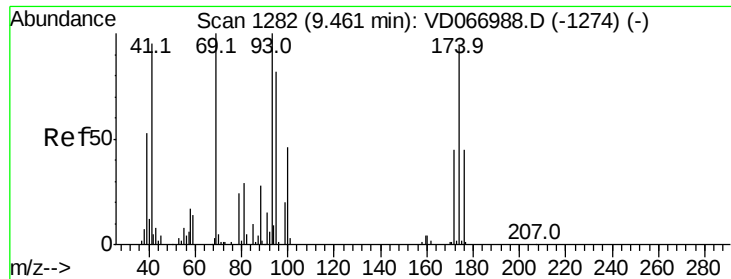
69 109.0 68.5 102.7#

39 67.9 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: 942.238 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

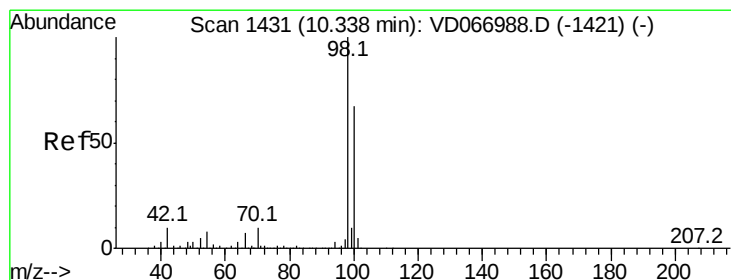
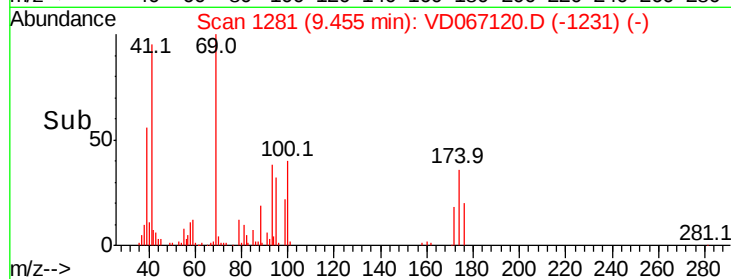
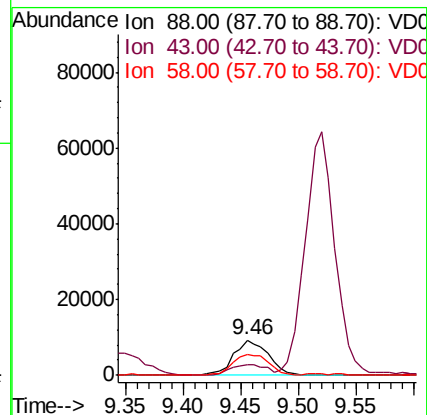
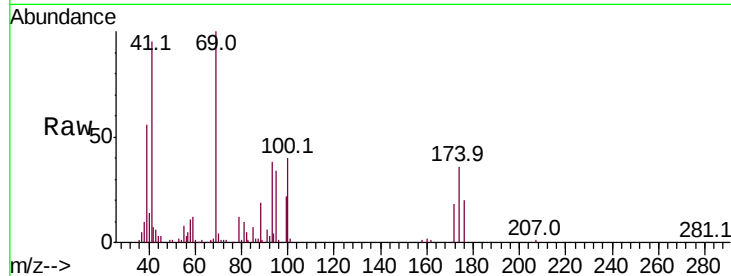
Tot Ion: 88 Resp: 19531

Ion Ratio Lower Upper

88 100

43 32.0 25.6 38.4

58 61.6 53.5 80.3



#50

Toluene-d8

Concen: 49.299 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067120.D

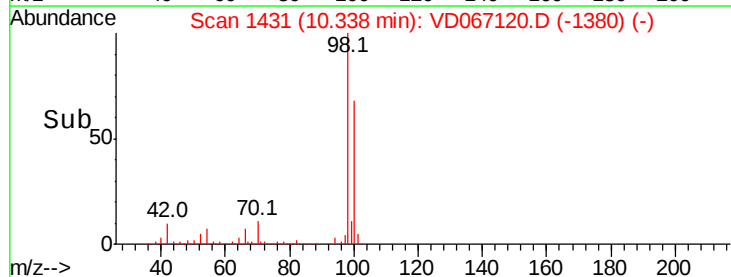
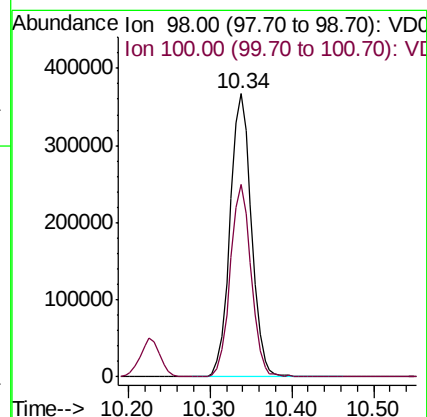
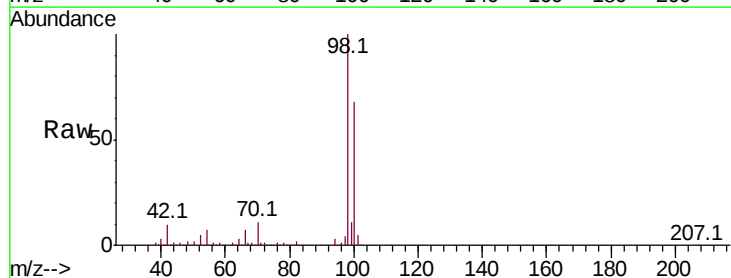
Acq: 06 Oct 2020 21:45

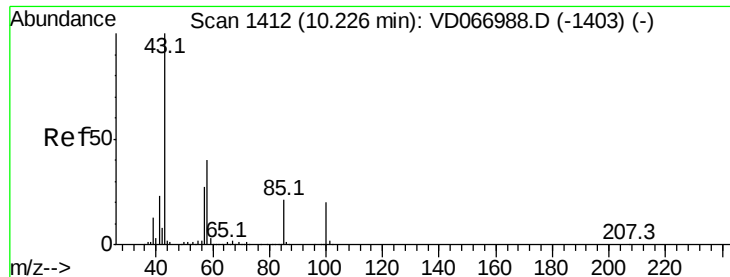
Tgt Ion: 98 Resp: 668073

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 239.271 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

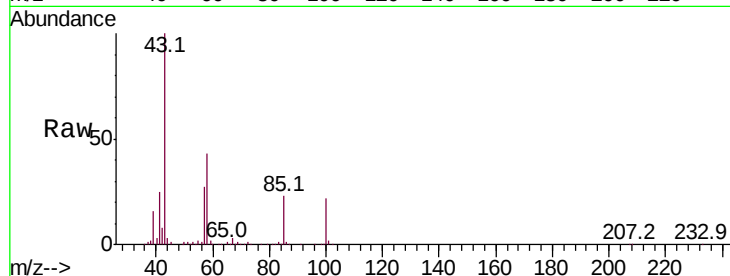
VSTDCCC050

Tot Ion: 43 Resp: 402730

Ion Ratio Lower Upper

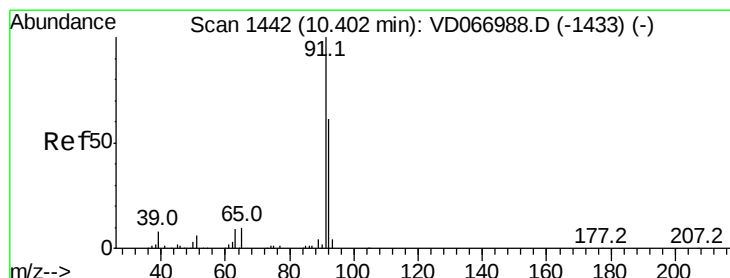
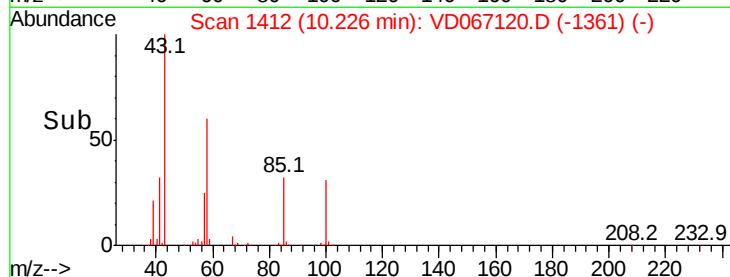
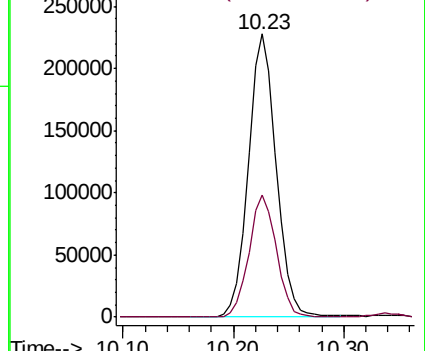
43 100

58 42.7 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 50.735 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067120.D

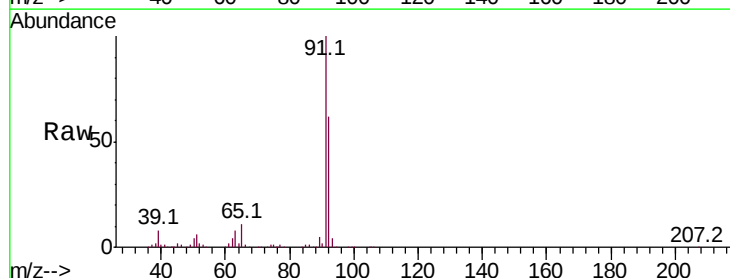
Acq: 06 Oct 2020 21:45

Tgt Ion: 92 Resp: 480653

Ion Ratio Lower Upper

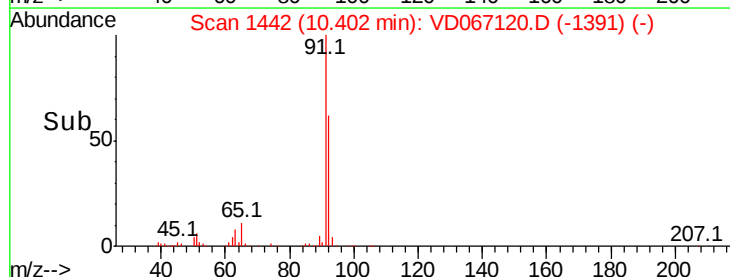
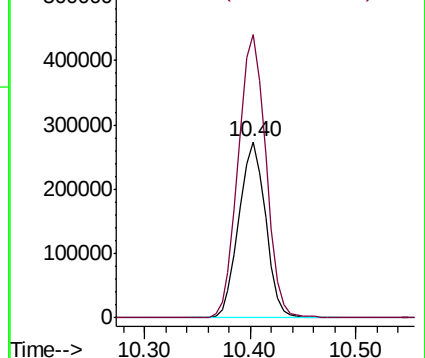
92 100

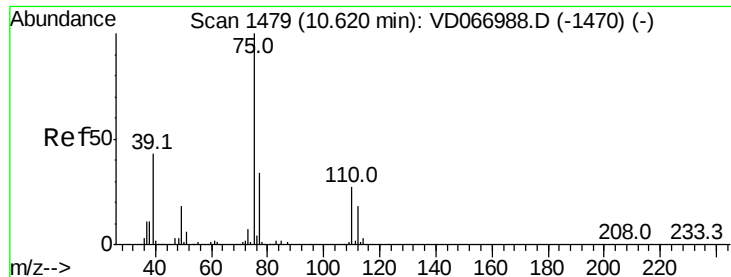
91 166.6 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 50.919 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

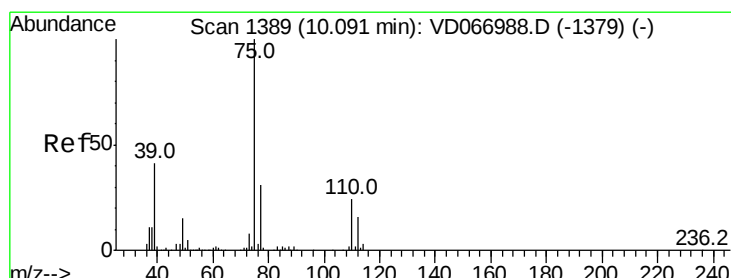
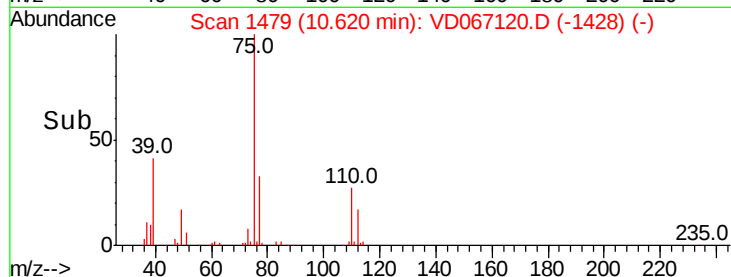
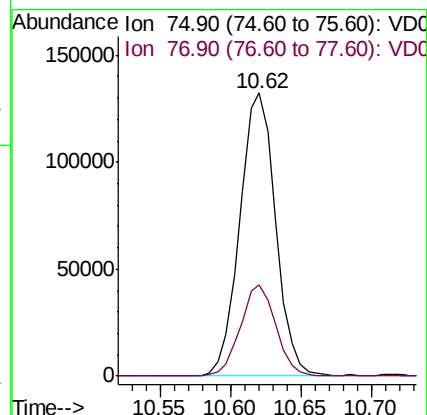
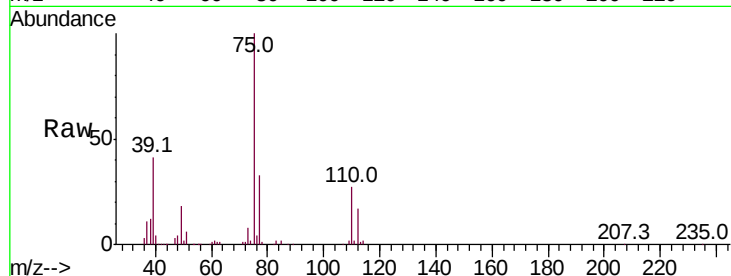
VSTDCCC050

Tot Ion: 75 Resp: 234945

Ion Ratio Lower Upper

75 100

77 32.5 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 49.441 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

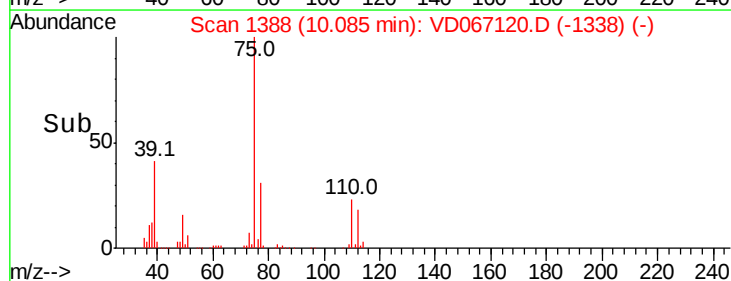
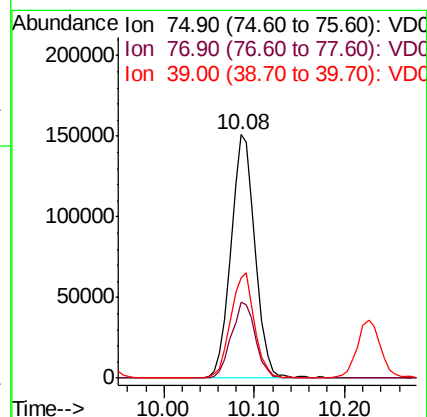
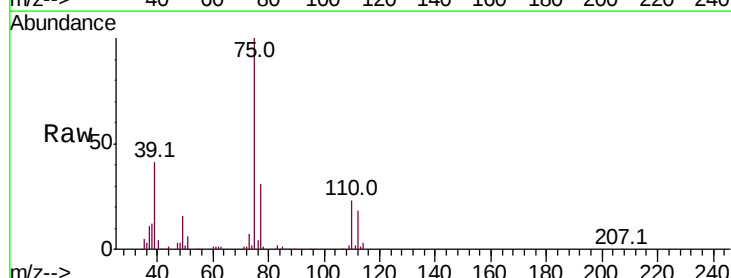
Tgt Ion: 75 Resp: 278563

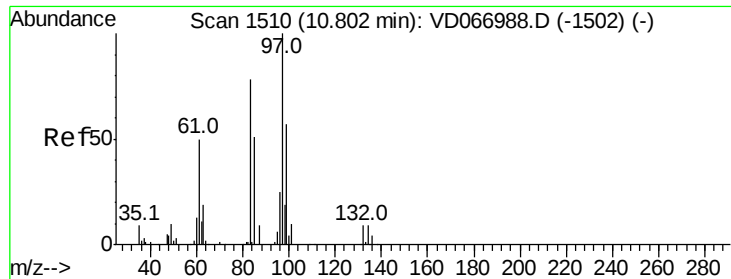
Ion Ratio Lower Upper

75 100

77 31.1 24.6 37.0

39 41.2 33.0 49.4

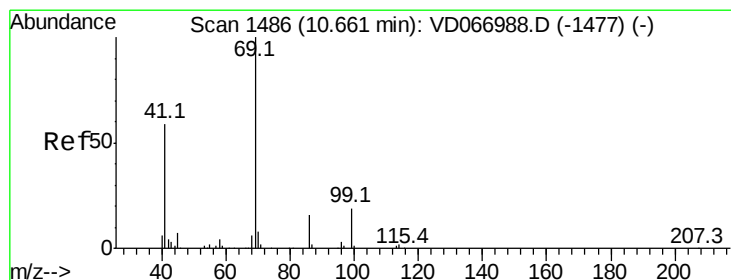
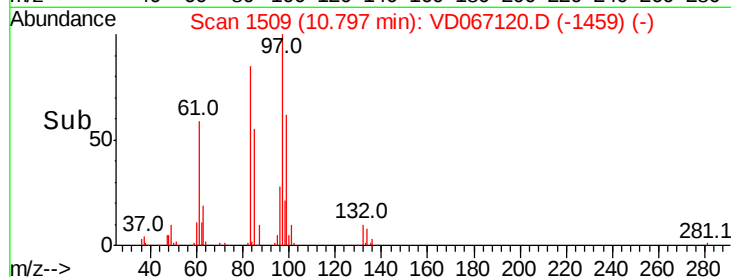
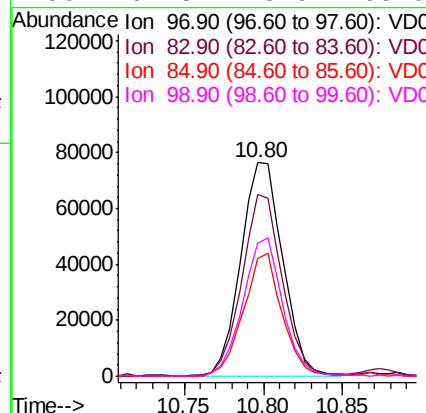
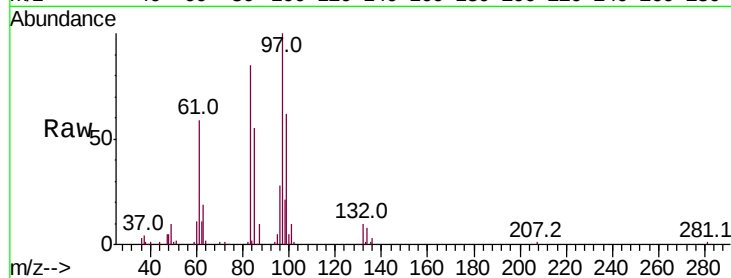




#55
 1,1,2-Trichloroethane
 Concen: 50.948 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

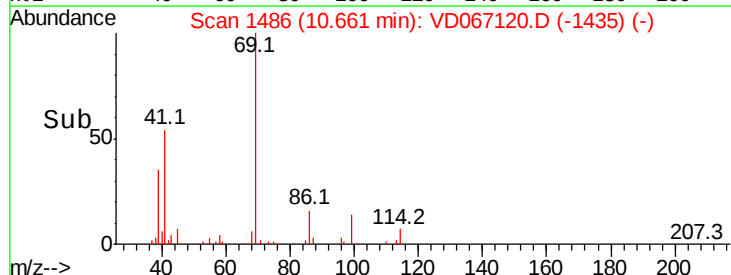
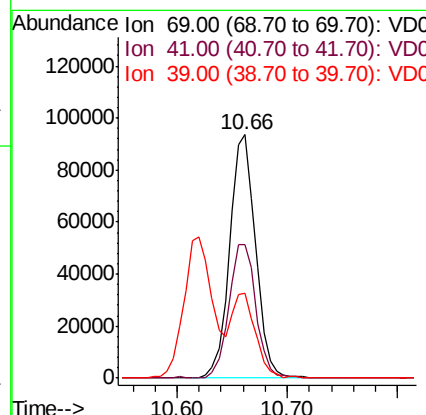
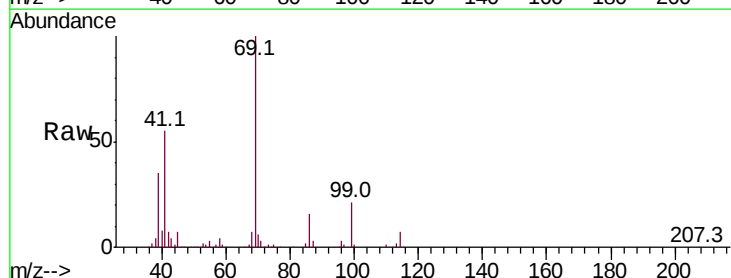
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

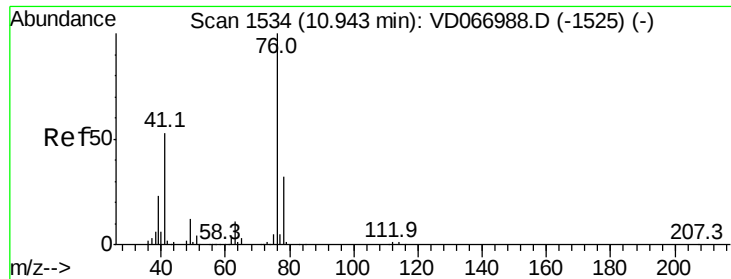
Tot Ion:	97	Resp:	140680
Ion	Ratio	Lower	Upper
97	100		
83	84.9	62.4	93.6
85	54.9	41.0	61.4
99	62.3	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 54.041 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion:	69	Resp:	154062
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.4	69.6
39	32.2	23.8	35.6





#57

1,3-Dichloropropane

Concen: 50.841 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

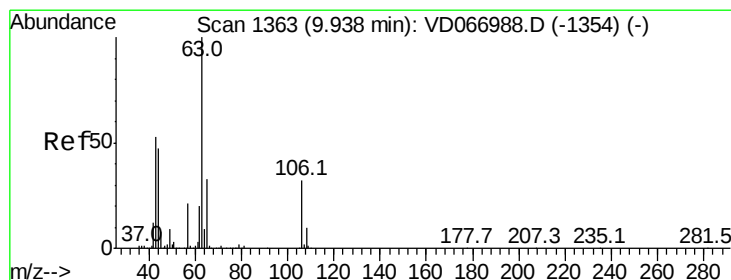
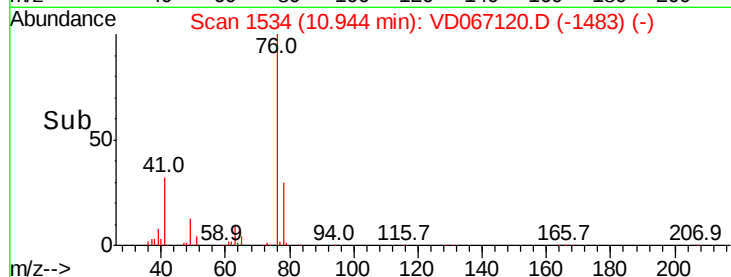
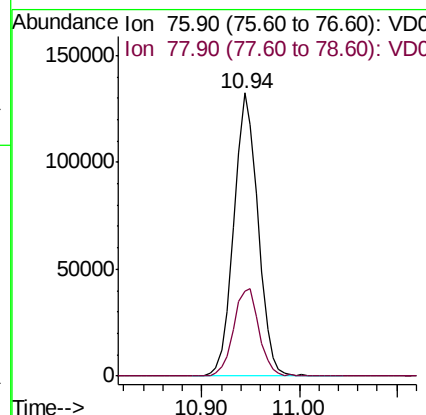
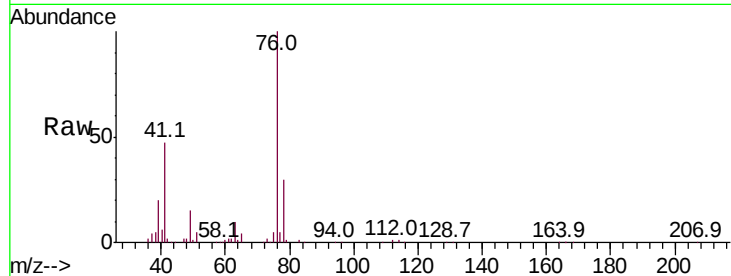
Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 227648

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 260.885 ug/l

RT: 9.94 min Scan# 1363

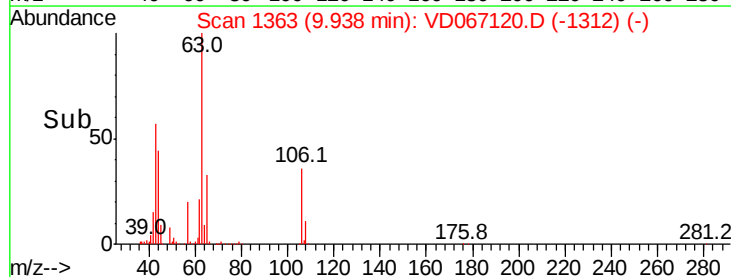
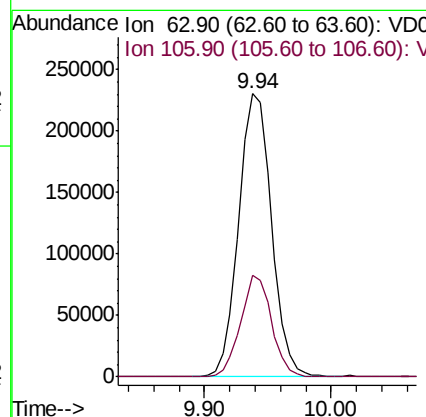
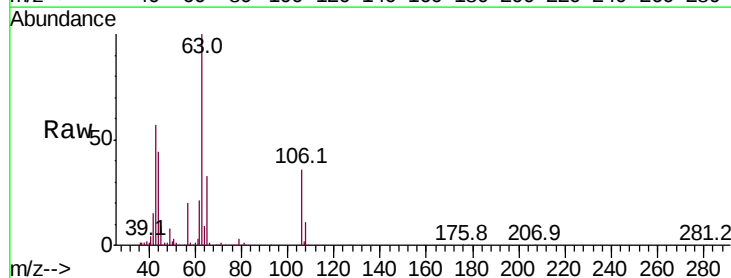
Delta R.T. 0.00 min

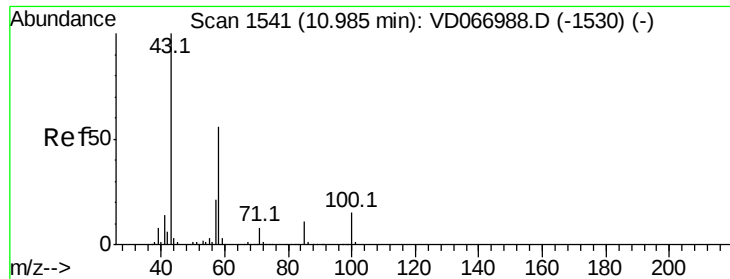
Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion: 63 Resp: 413952

Ion	Ratio	Lower	Upper
63	100		
106	33.8	25.3	37.9

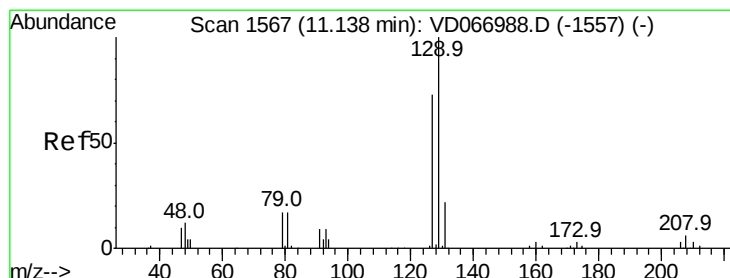
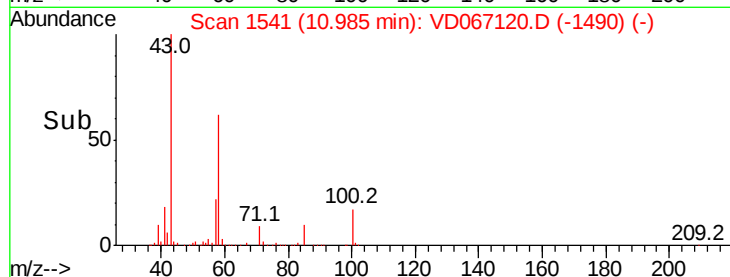
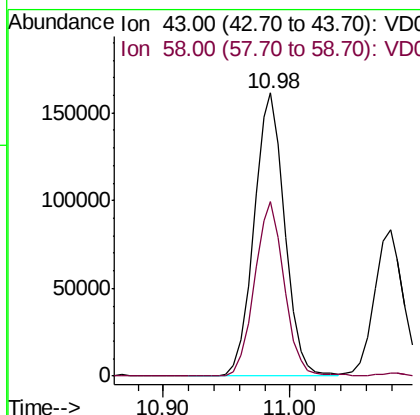
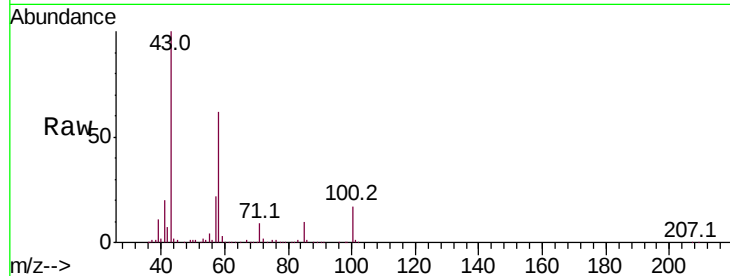




#59
2-Hexanone
Concen: 241.243 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

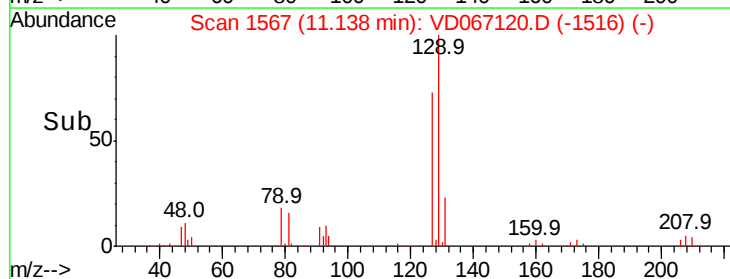
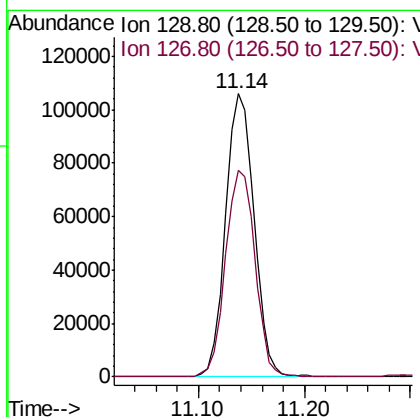
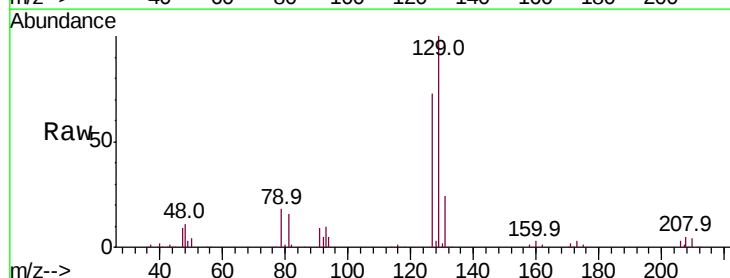
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

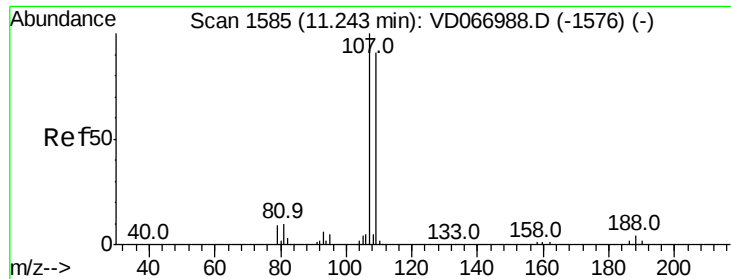
Tot Ion: 43 Resp: 271014
Ion Ratio Lower Upper
43 100
58 60.1 28.3 84.9



#60
Dibromochloromethane
Concen: 53.754 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 129 Resp: 197830
Ion Ratio Lower Upper
129 100
127 75.5 37.4 112.1





#61

1,2-Dibromoethane

Concen: 52.387 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

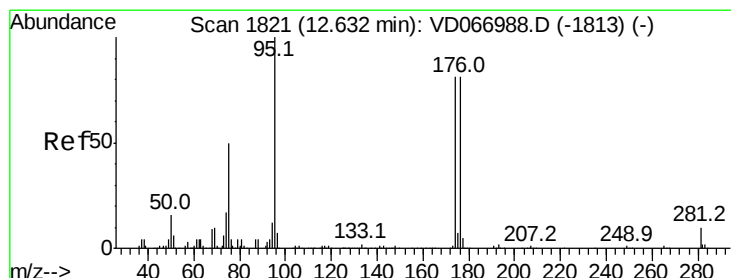
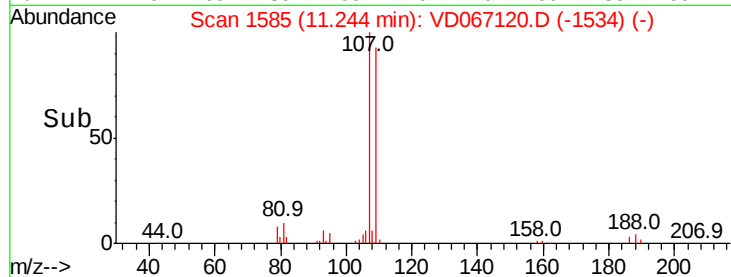
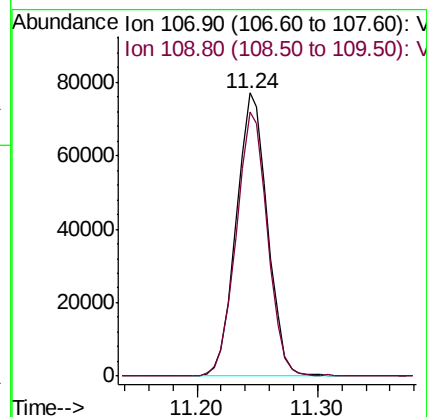
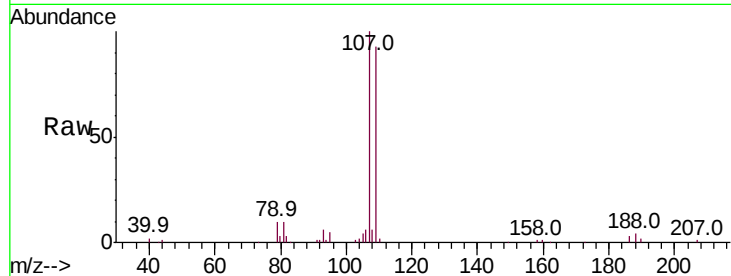
VSTDCCC050

Tot Ion:107 Resp: 138972

Ion Ratio Lower Upper

107 100

109 93.3 74.0 111.0



#62

4-Bromofluorobenzene

Concen: 50.014 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

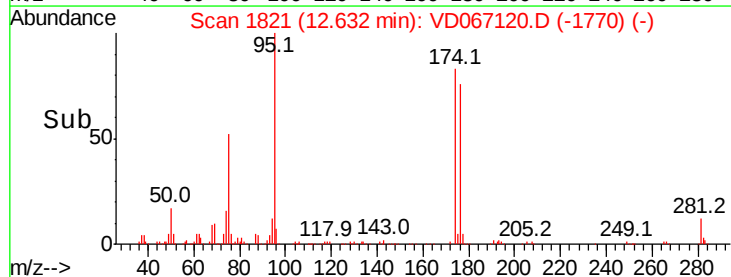
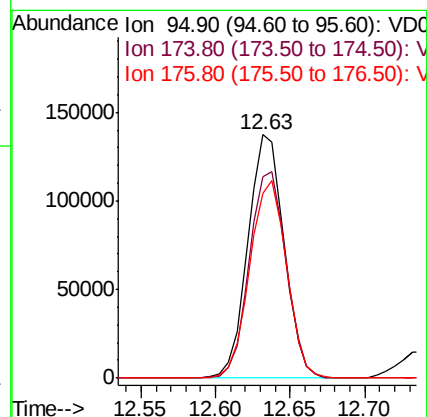
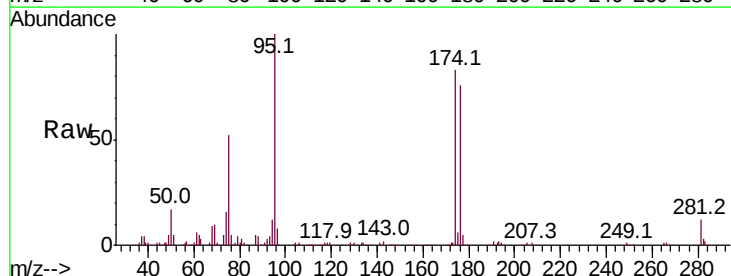
Tgt Ion: 95 Resp: 230081

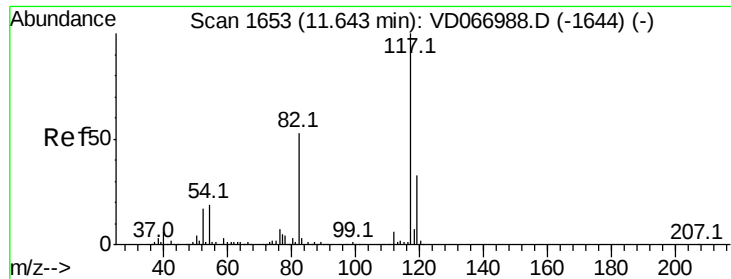
Ion Ratio Lower Upper

95 100

174 86.0 0.0 167.6

176 82.3 0.0 162.4

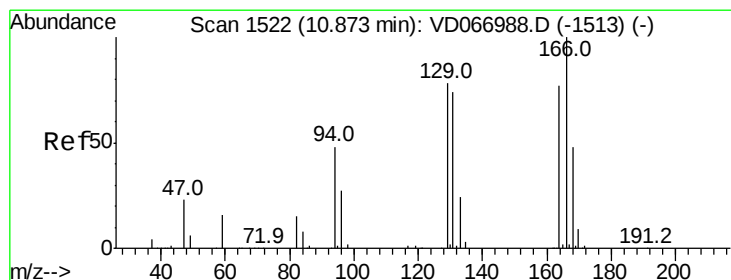
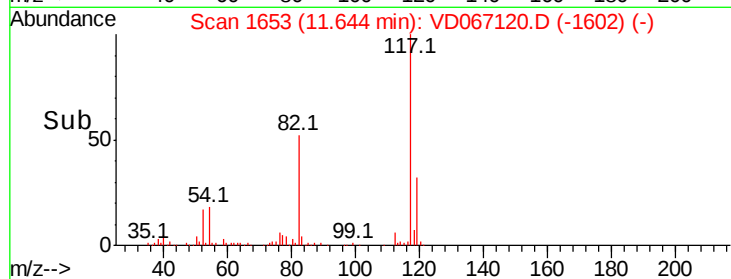
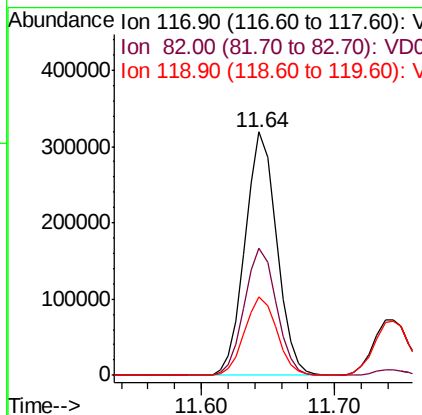
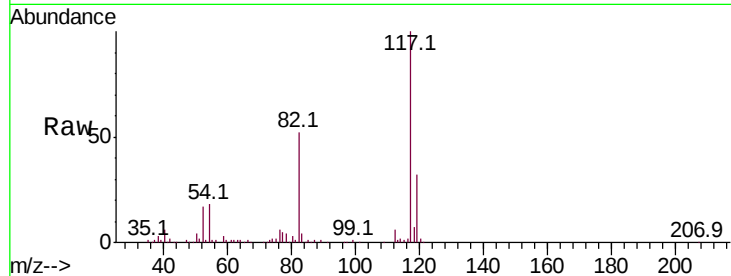




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

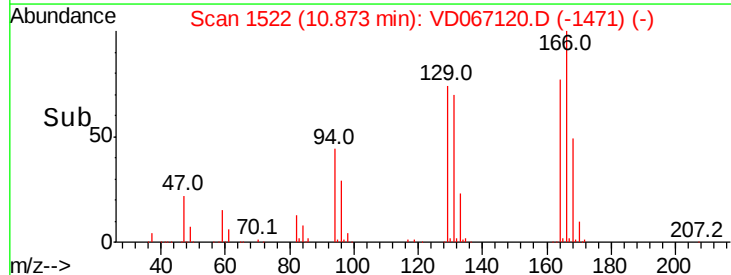
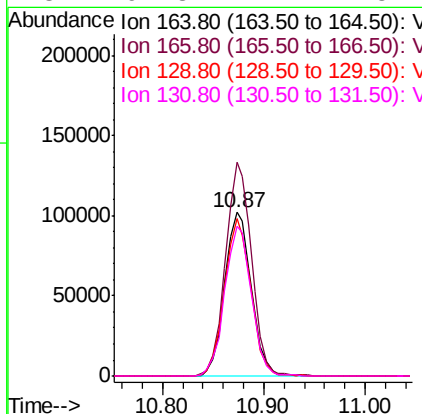
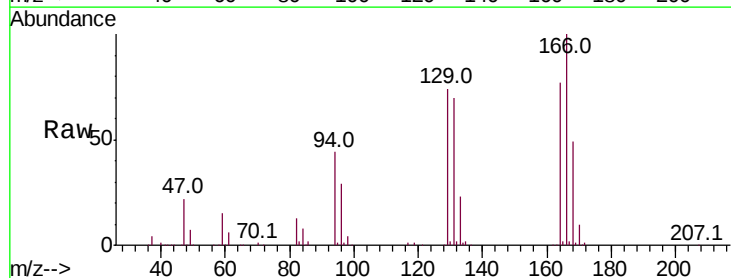
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

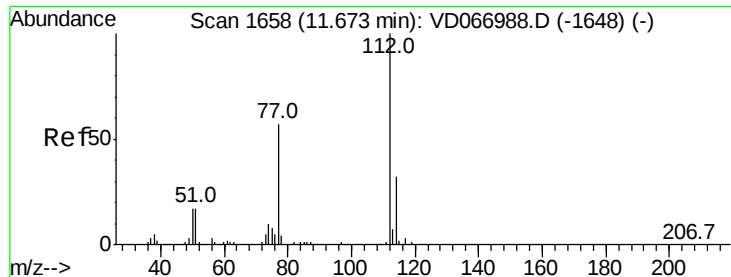
Tot Ion:117 Resp: 523599
Ion Ratio Lower Upper
117 100
82 52.2 42.6 63.8
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 48.619 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion:164 Resp: 185071
Ion Ratio Lower Upper
164 100
166 130.5 104.4 156.6
129 96.3 81.3 121.9
131 91.3 77.1 115.7

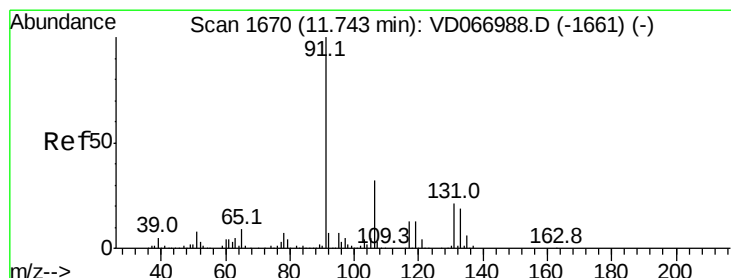
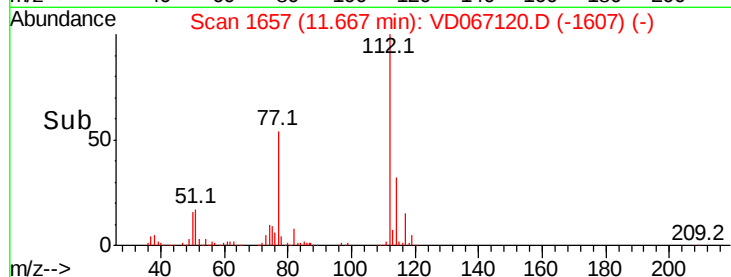
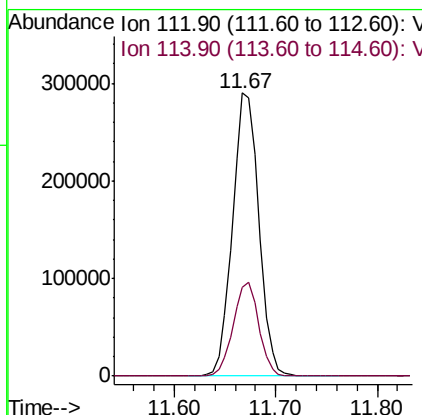
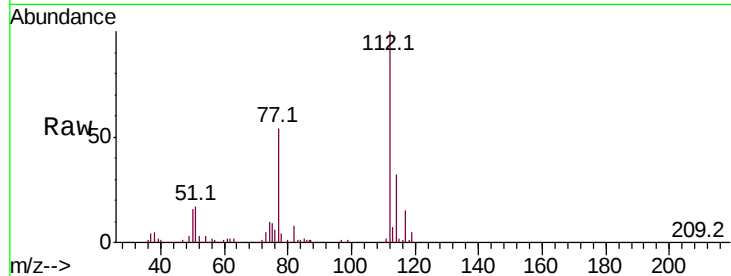




#65
Chlorobenzene
Concen: 50.196 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

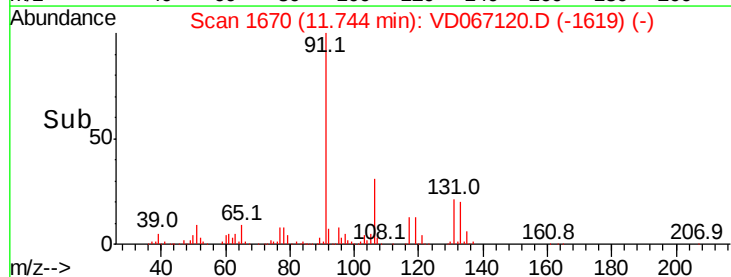
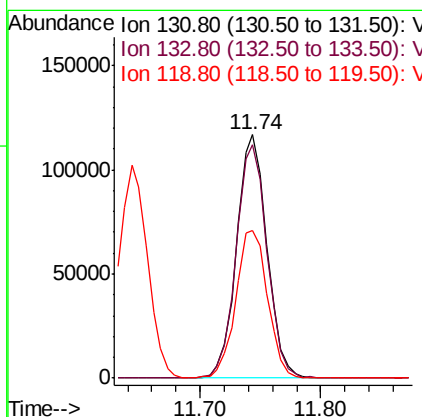
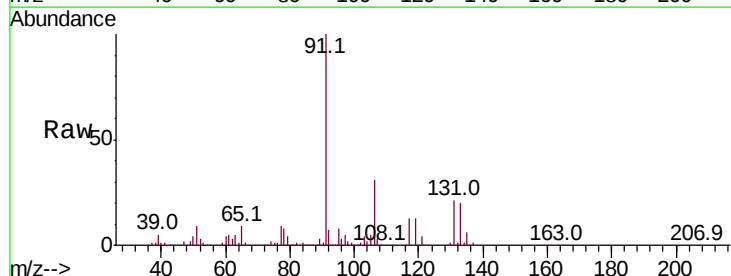
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

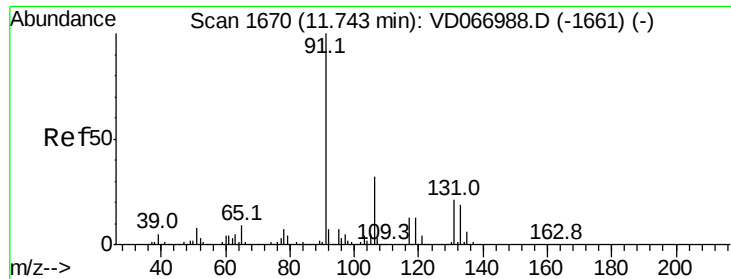
Tot Ion:112 Resp: 522724
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.695 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion:131 Resp: 204775
Ion Ratio Lower Upper
131 100
133 97.4 47.8 143.3
119 63.6 32.3 96.8

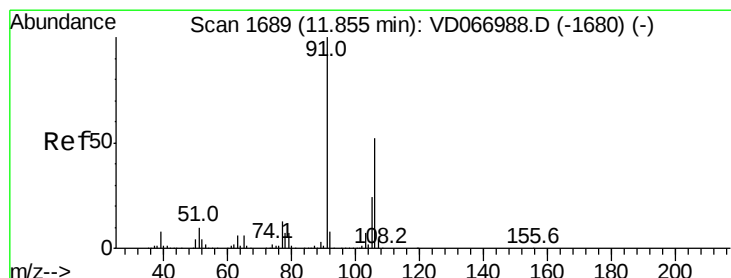
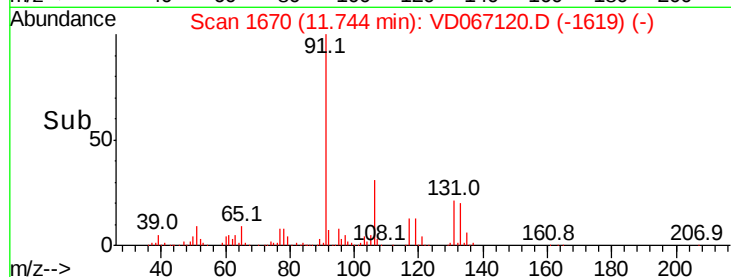
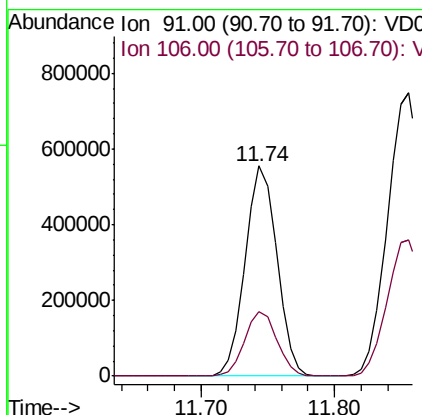
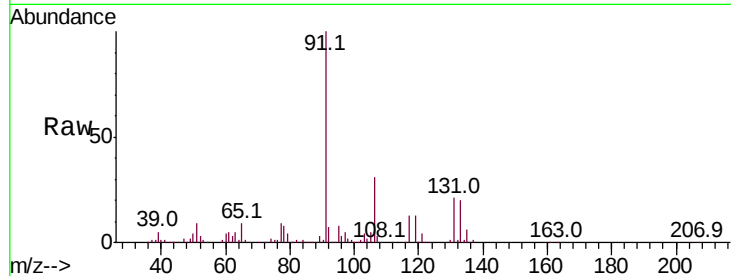




#67
Ethyl Benzene
Concen: 51.189 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

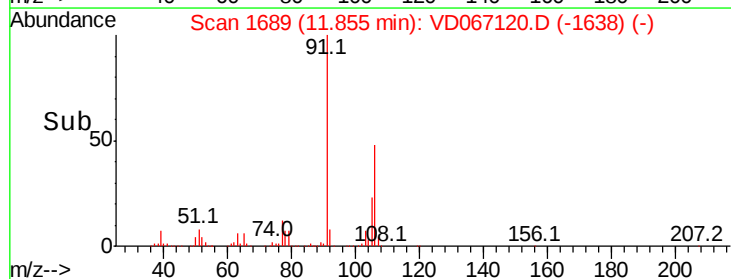
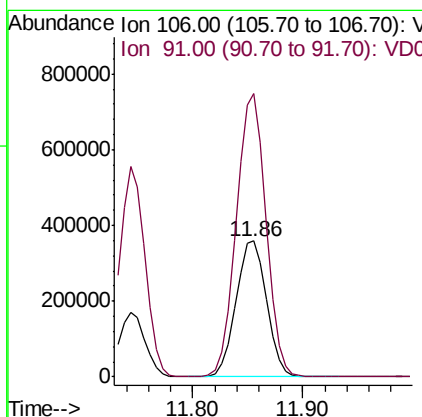
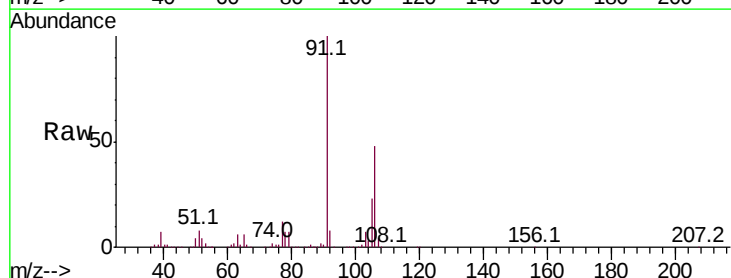
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

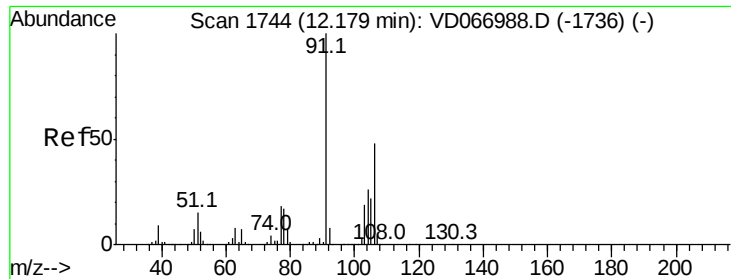
Tot Ion: 91 Resp: 913354
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2



#68
m/p-Xylenes
Concen: 100.699 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 106 Resp: 700223
Ion Ratio Lower Upper
106 100
91 201.5 158.4 237.6

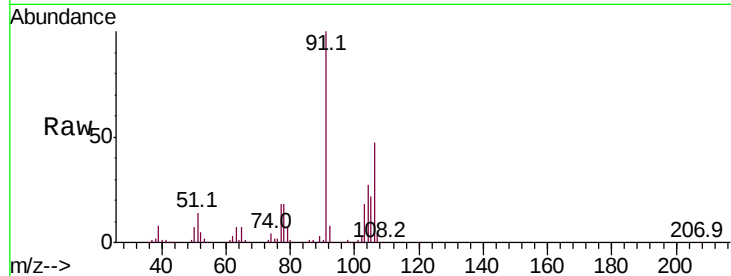




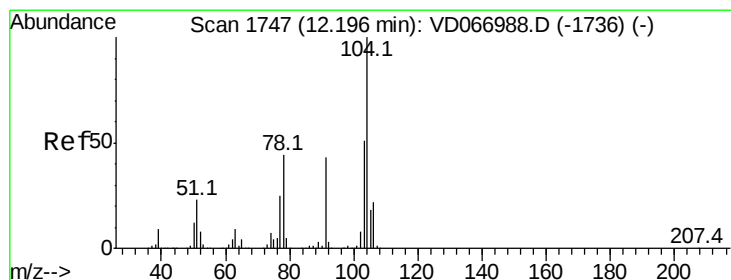
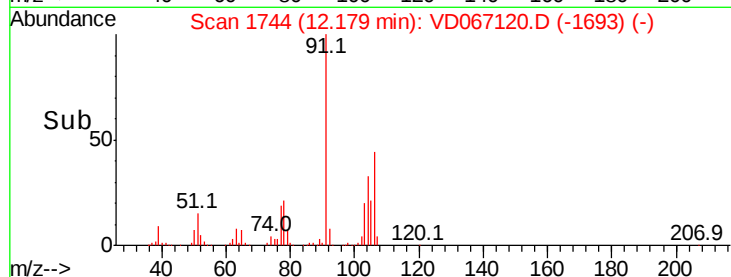
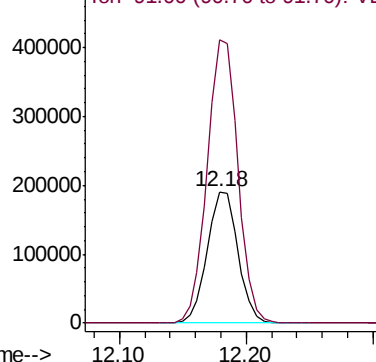
#69
o-Xylene
Concen: 51.488 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 320169
Ion Ratio Lower Upper
106 100
91 215.5 102.4 307.2

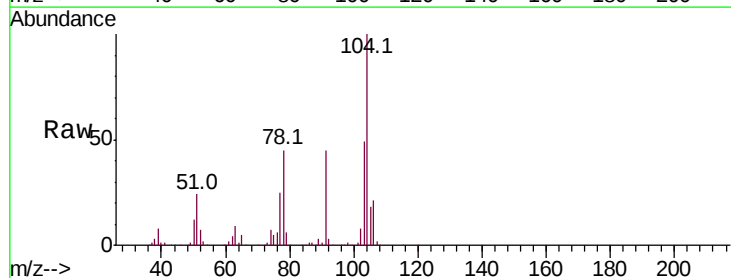


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

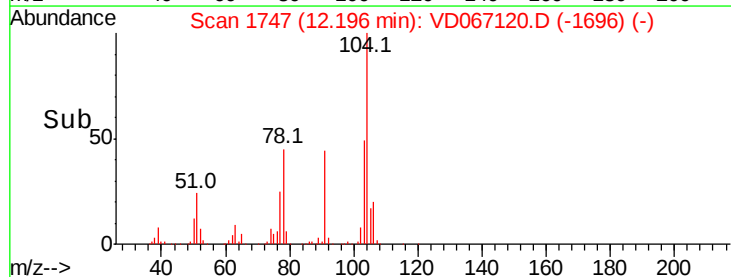
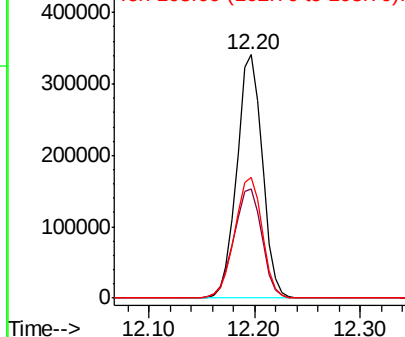


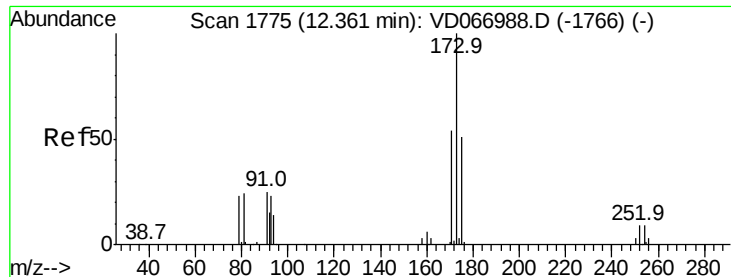
#70
Styrene
Concen: 53.069 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion:104 Resp: 566654
Ion Ratio Lower Upper
104 100
78 49.8 38.6 58.0
103 53.5 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

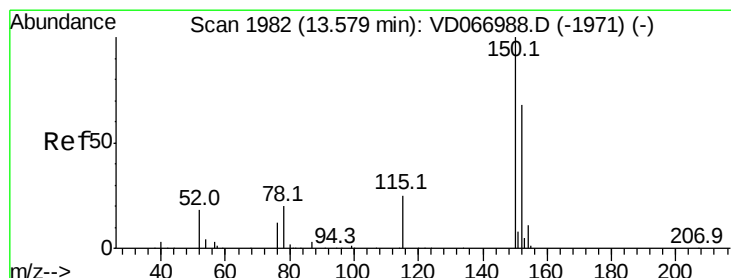
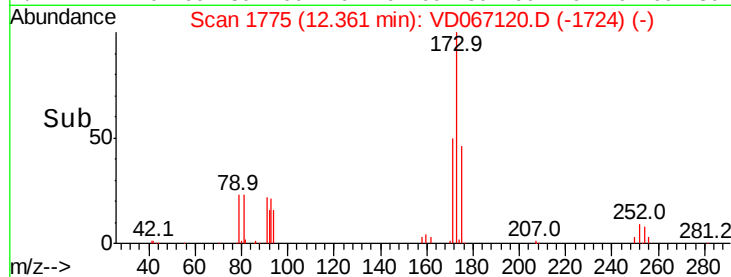
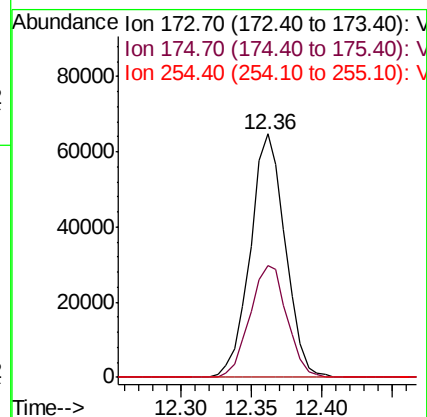
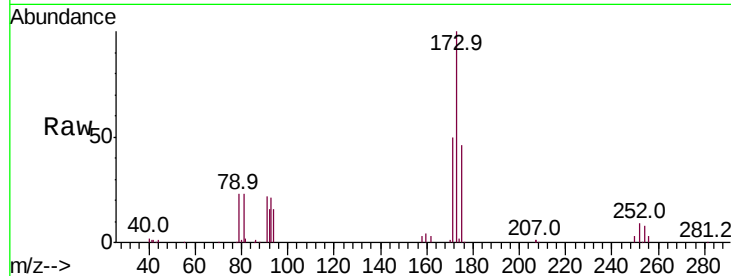




#71
Bromoform
Concen: 54.599 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

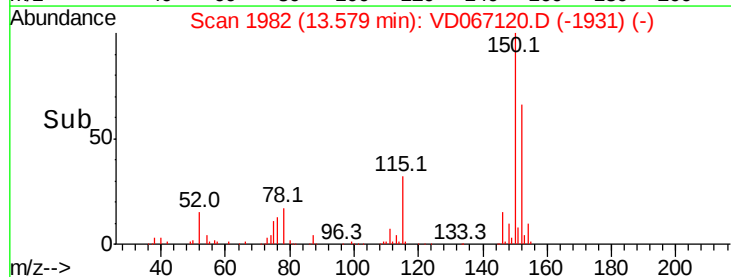
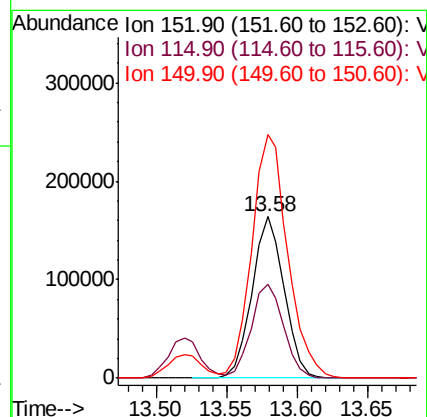
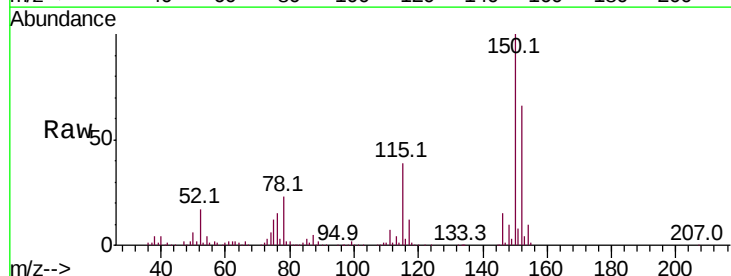
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

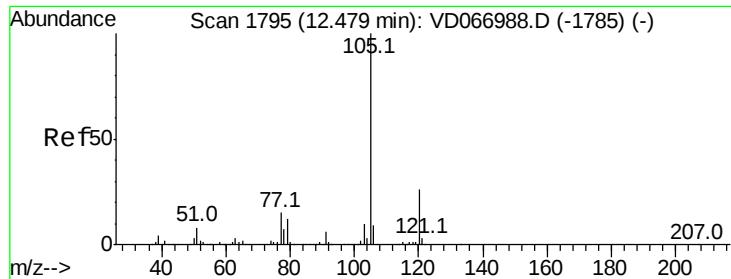
Tot Ion:173 Resp: 112268
Ion Ratio Lower Upper
173 100
175 48.7 24.9 74.7
254 0.0 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion:152 Resp: 261260
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.8
150 169.1 0.0 344.8





#73

Isopropylbenzene

Concen: 50.285 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

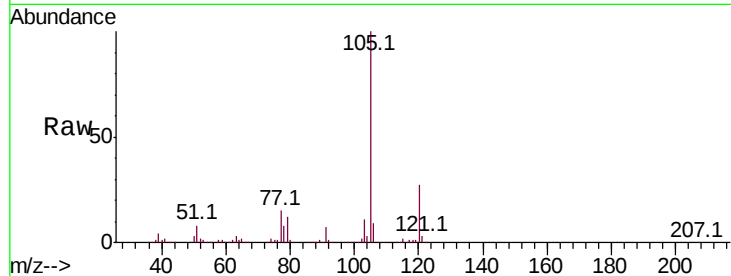
VSTDCCC050

Tot Ion:105 Resp: 892053

Ion Ratio Lower Upper

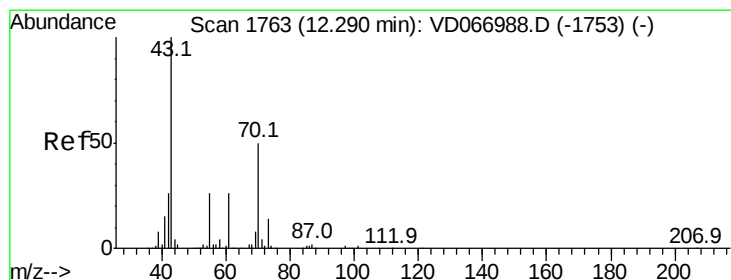
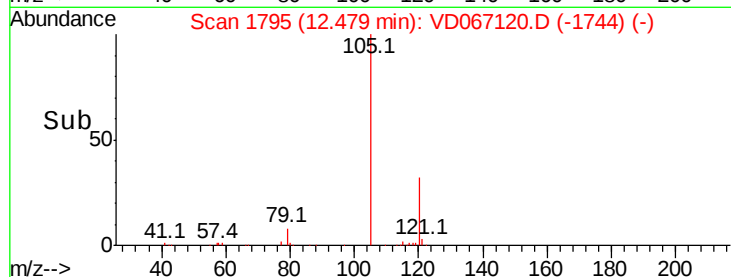
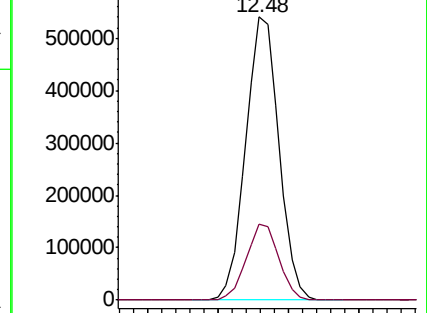
105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.309 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion: 43 Resp: 147682

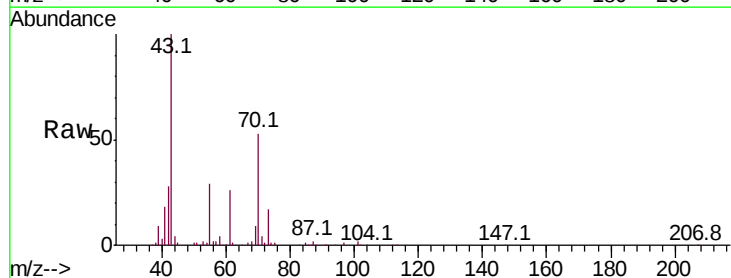
Ion Ratio Lower Upper

43 100

70 51.4 38.2 57.2

55 28.2 22.4 33.6

61 25.2 20.6 31.0

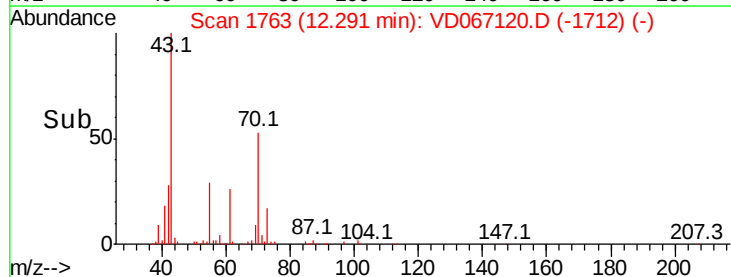
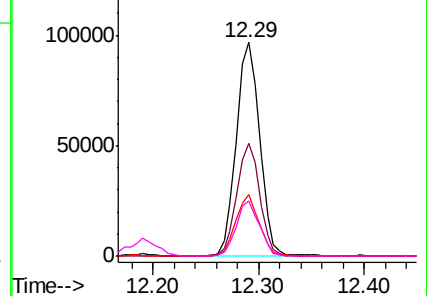


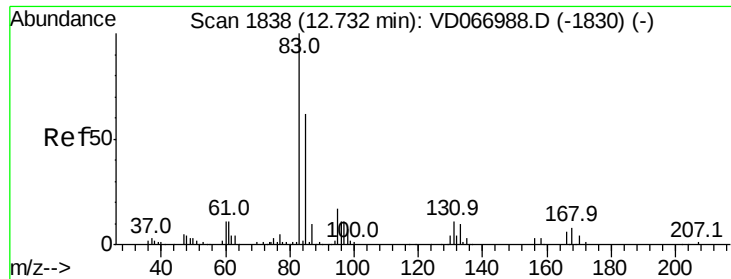
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.871 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

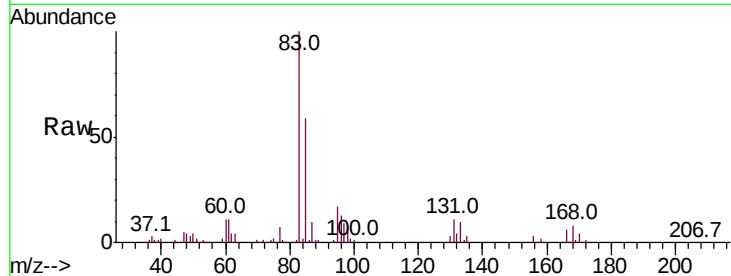
Tot Ion: 83 Resp: 140094

Ion Ratio Lower Upper

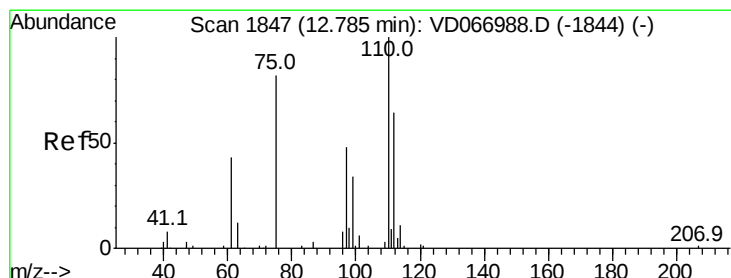
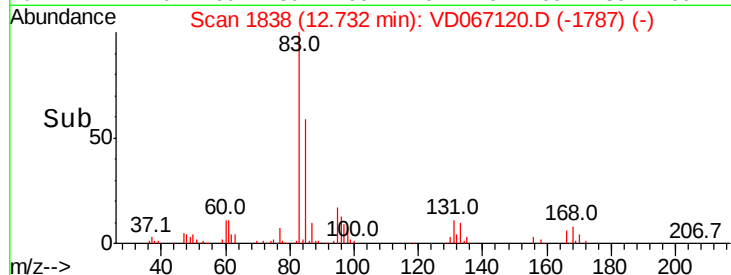
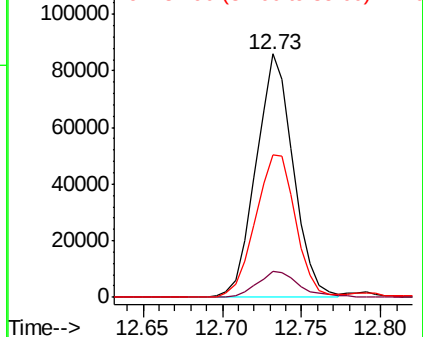
83 100

131 12.0 5.7 17.0

85 63.2 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: 79.684 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067120.D

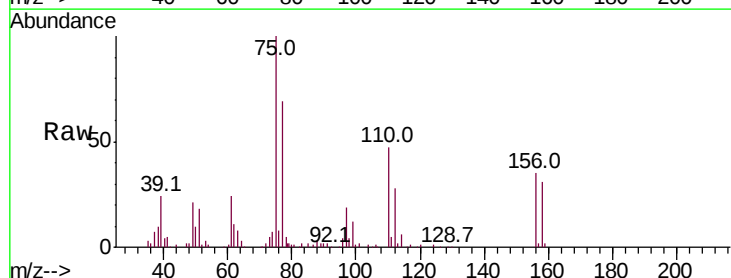
Acq: 06 Oct 2020 21:45

Tgt Ion: 75 Resp: 181334

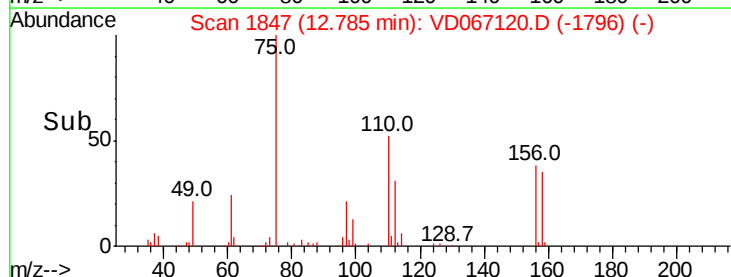
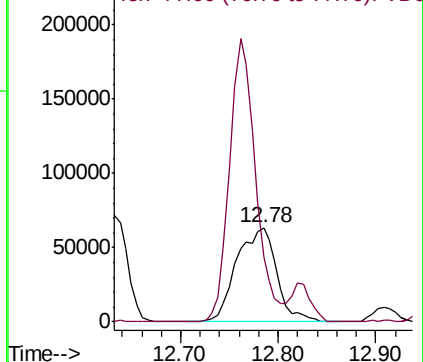
Ion Ratio Lower Upper

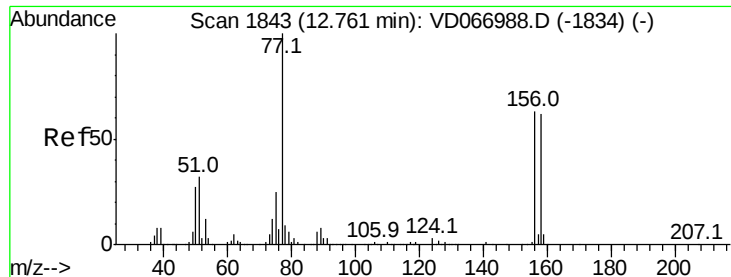
75 100

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: 51.114 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

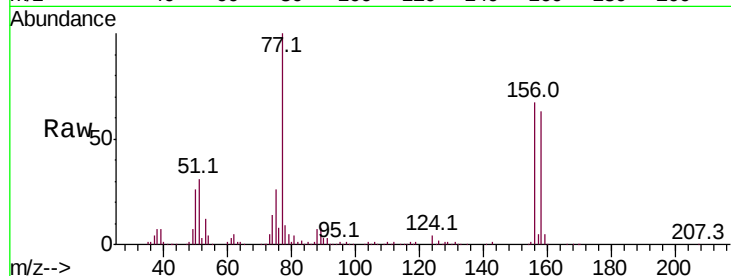
Tot Ion:156 Resp: 218947

Ion Ratio Lower Upper

156 100

77 162.5 86.3 258.8

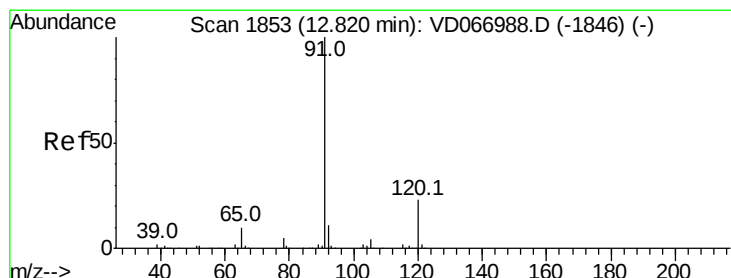
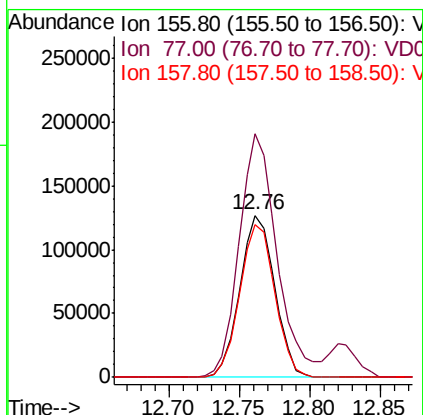
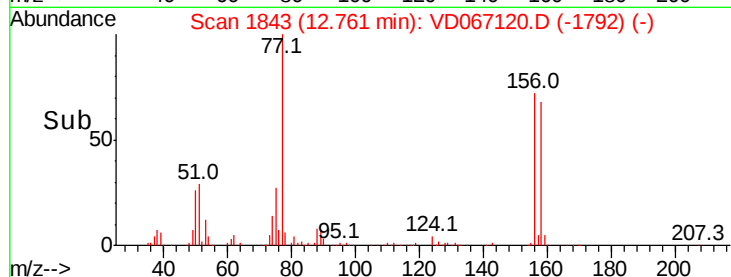
158 95.3 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 49.160 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067120.D

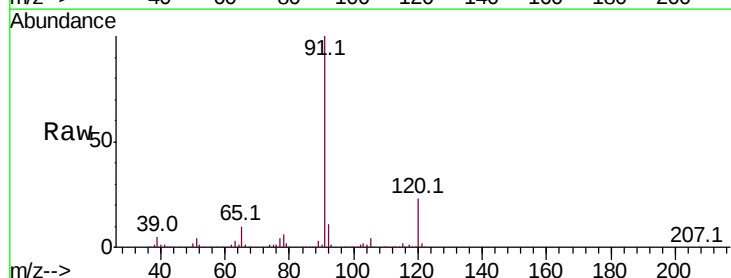
Acq: 06 Oct 2020 21:45

Tgt Ion: 91 Resp: 1030674

Ion Ratio Lower Upper

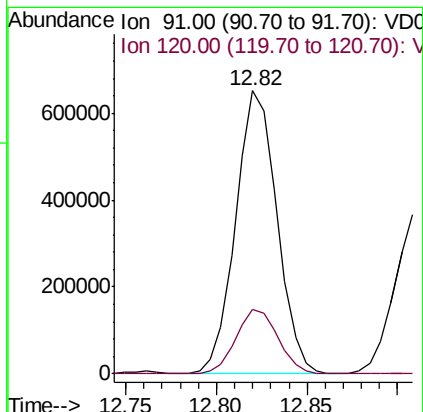
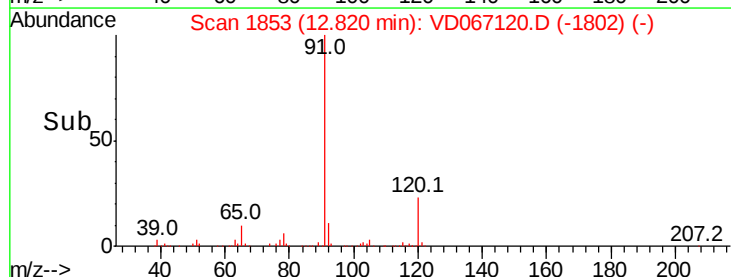
91 100

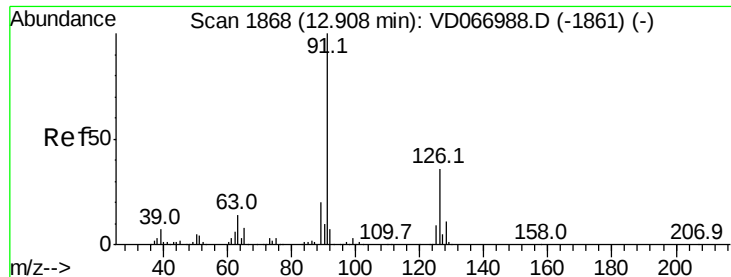
120 23.4 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.30): V

Ion 120.00 (119.70 to 120.30): V

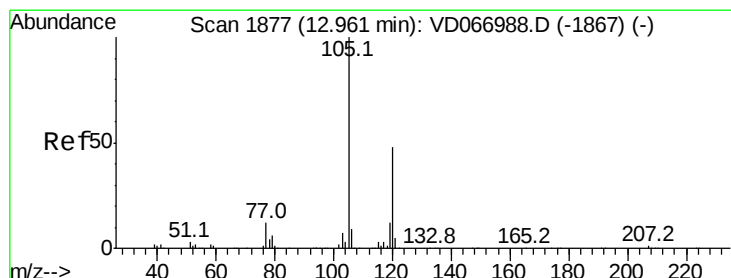
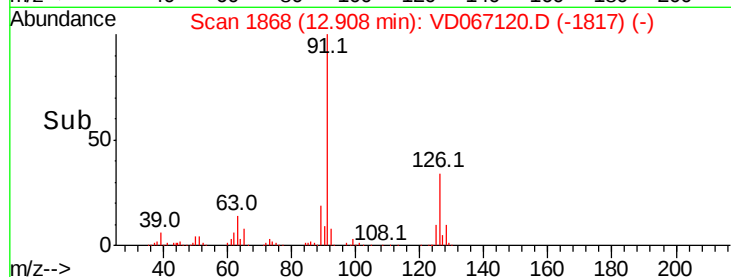
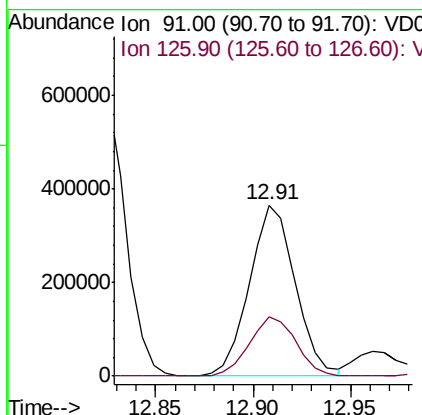
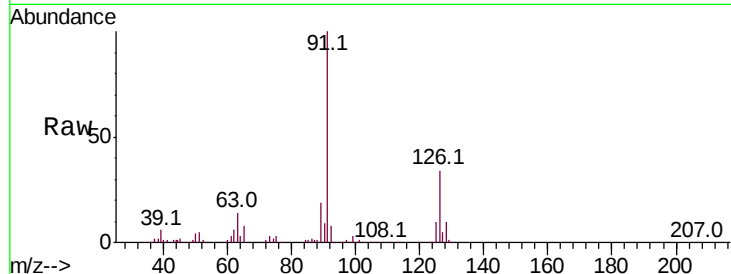




#79
2-Chlorotoluene
Concen: 49.527 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

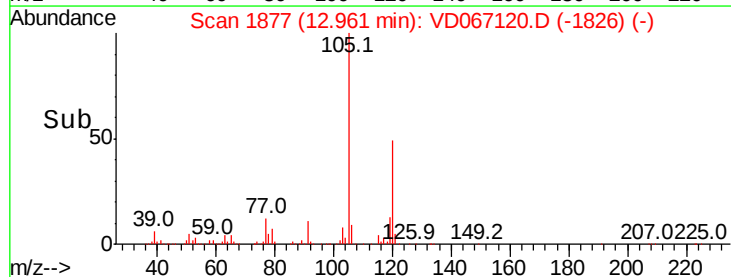
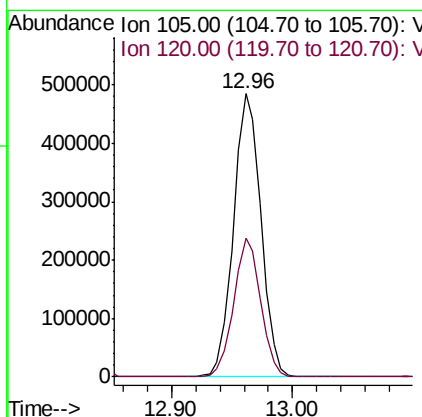
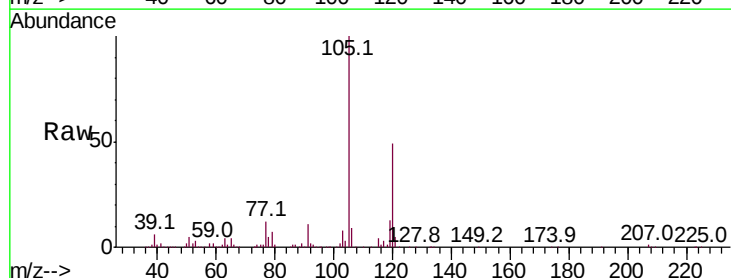
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

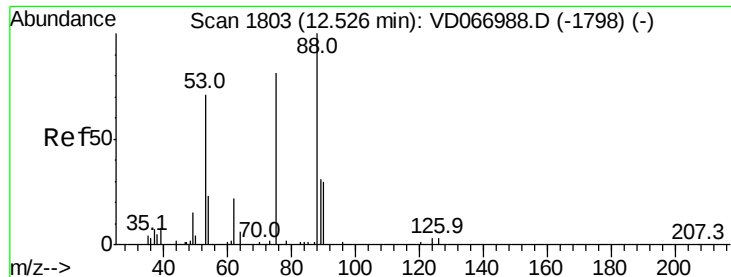
Tot Ion: 91 Resp: 594093
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 51.253 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 105 Resp: 768186
Ion Ratio Lower Upper
105 100
120 47.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.501 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

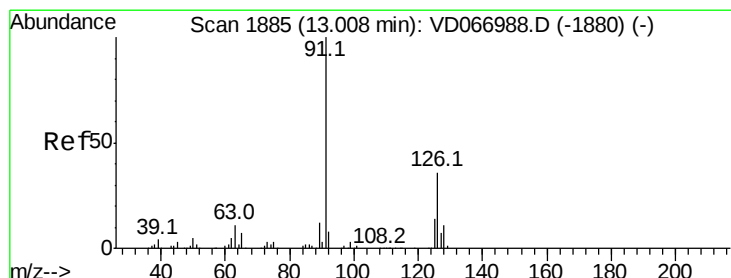
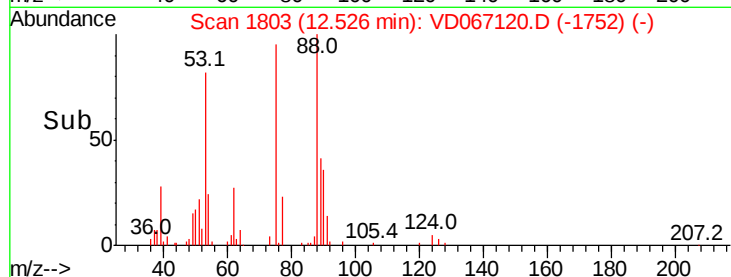
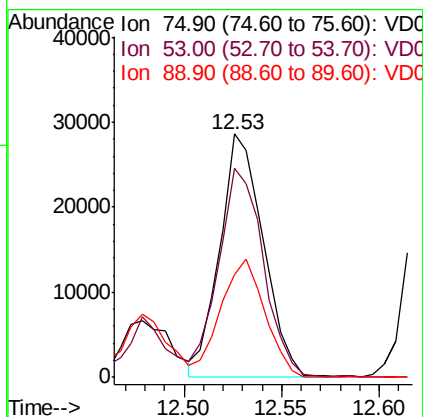
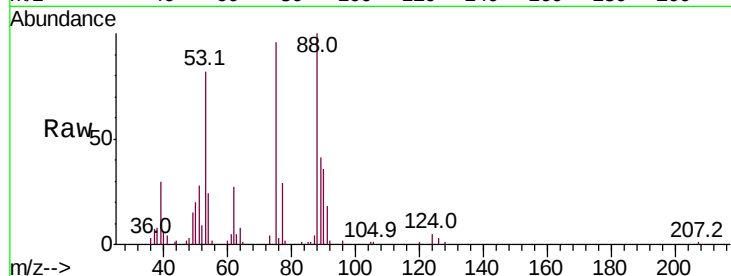
Tot Ion: 75 Resp: 44270

Ion Ratio Lower Upper

75 100

53 88.4 73.8 110.6

89 49.7 38.9 58.3



#82

4-Chlorotoluene

Concen: 49.072 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067120.D

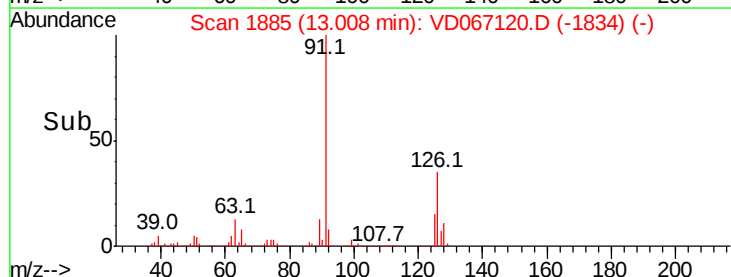
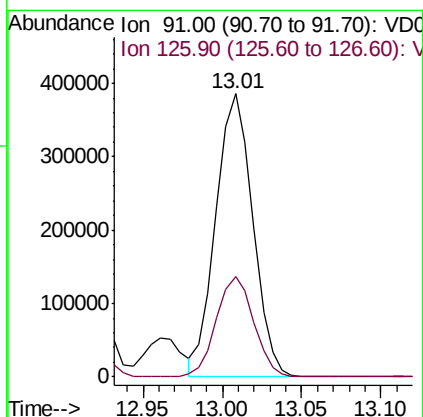
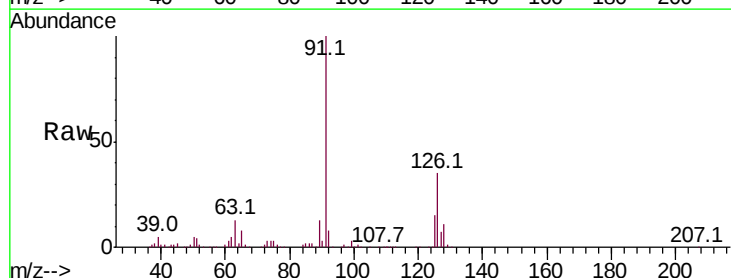
Acq: 06 Oct 2020 21:45

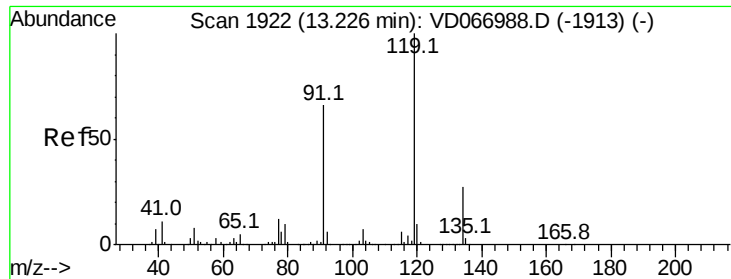
Tgt Ion: 91 Resp: 626276

Ion Ratio Lower Upper

91 100

126 35.8 17.5 52.5

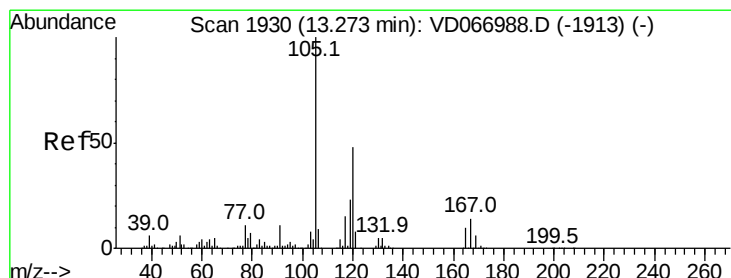
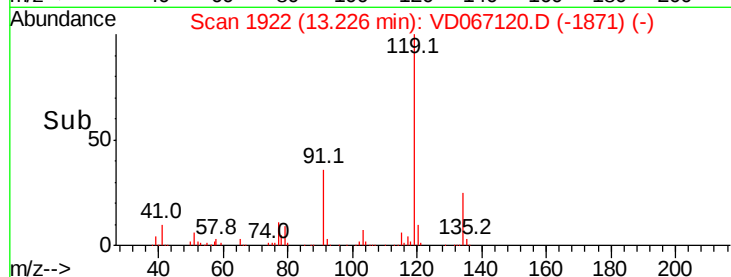
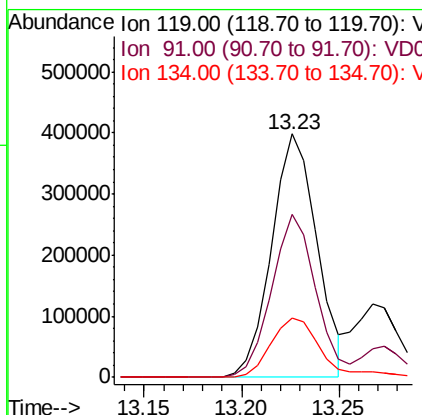
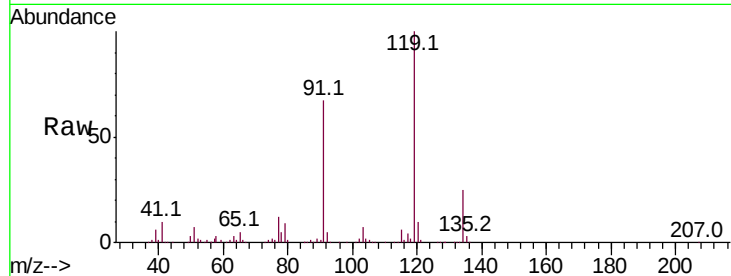




#83
tert-Butylbenzene
Concen: 50.798 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

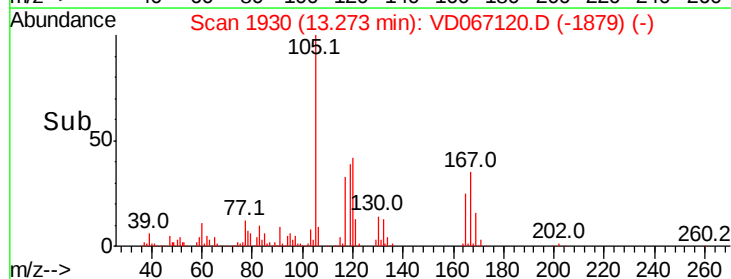
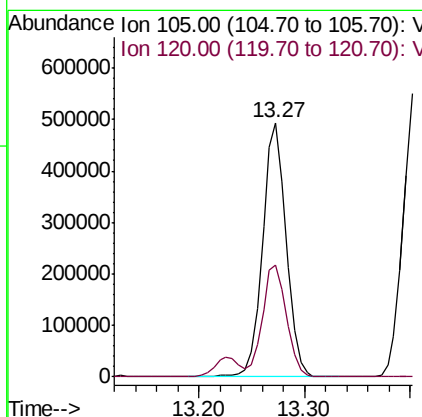
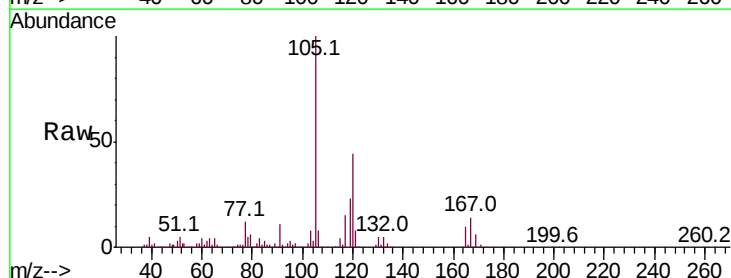
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

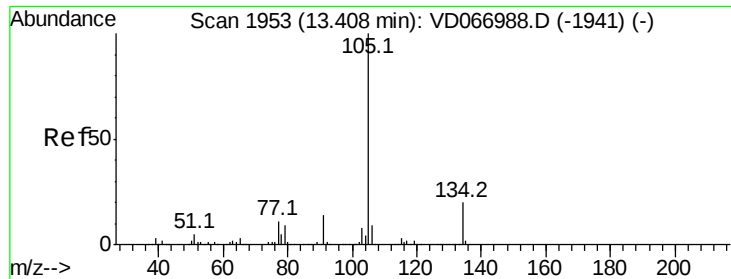
Tot Ion:119 Resp: 641150
Ion Ratio Lower Upper
119 100
91 65.4 32.8 98.3
134 27.4 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 51.099 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion:105 Resp: 764319
Ion Ratio Lower Upper
105 100
120 44.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 49.883 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

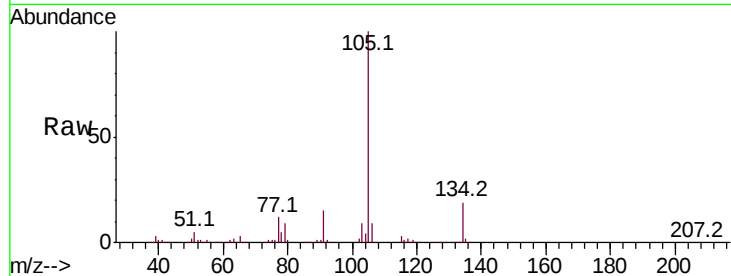
VSTDCCC050

Tot Ion:105 Resp: 886638

Ion Ratio Lower Upper

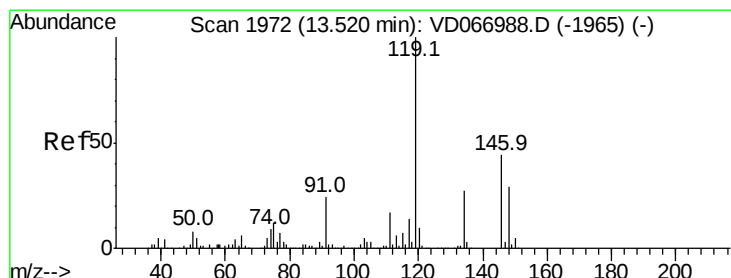
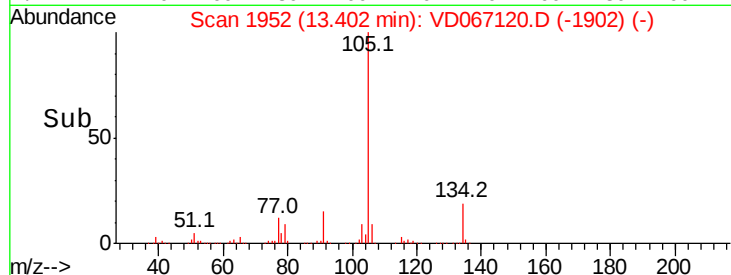
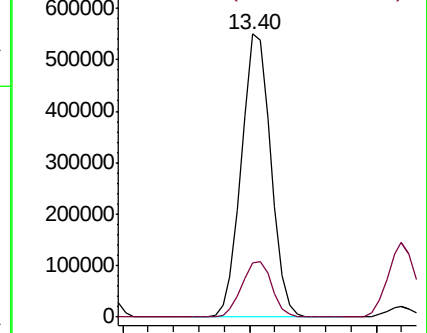
105 100

134 20.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.382 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

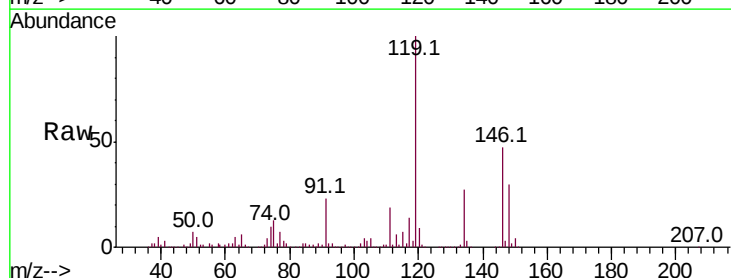
Tgt Ion:119 Resp: 830226

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

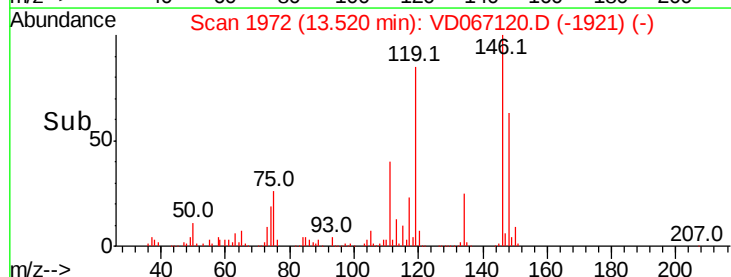
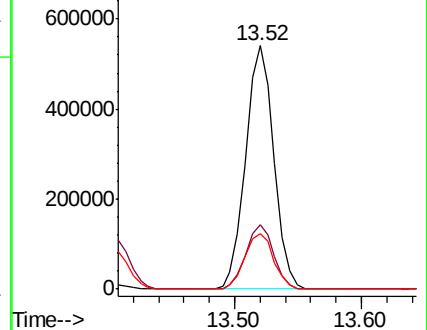
91 23.6 11.7 35.1

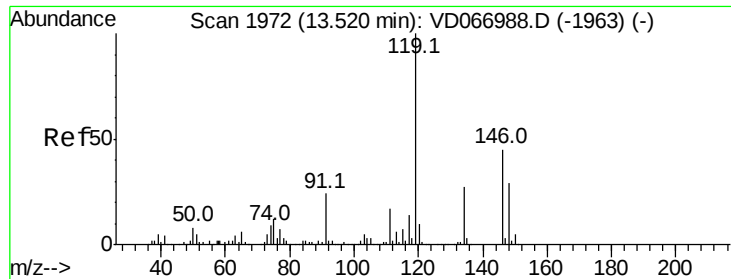


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.993 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

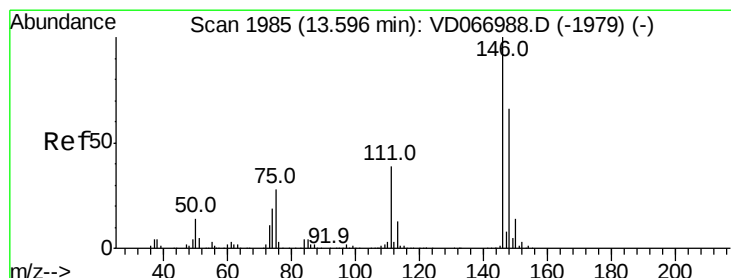
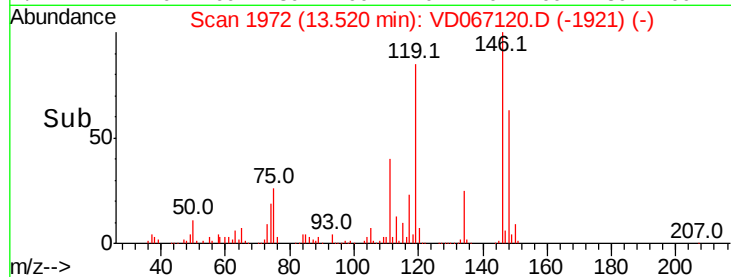
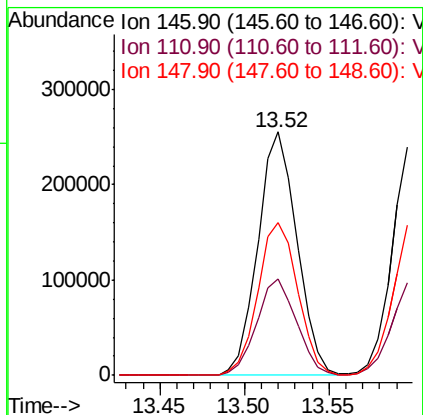
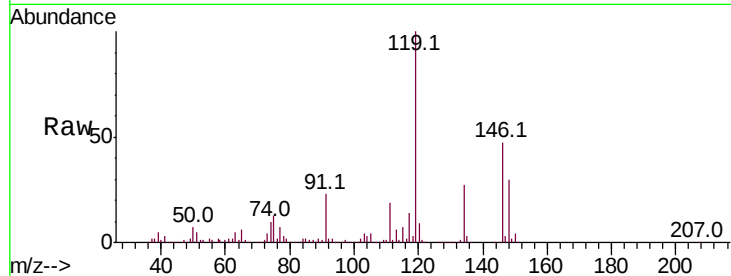
Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 408778

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	64.1	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 48.520 ug/l

RT: 13.60 min Scan# 1985

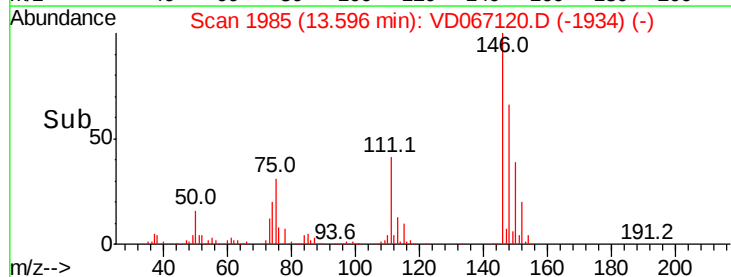
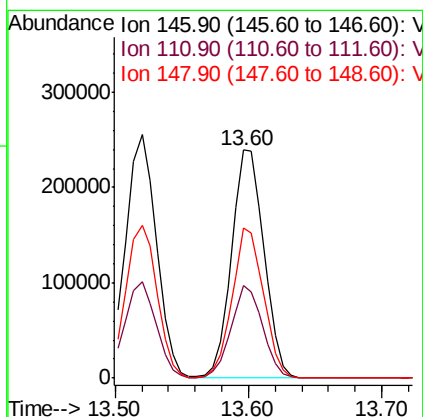
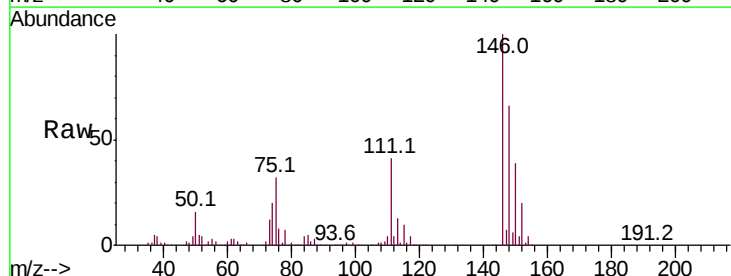
Delta R.T. 0.00 min

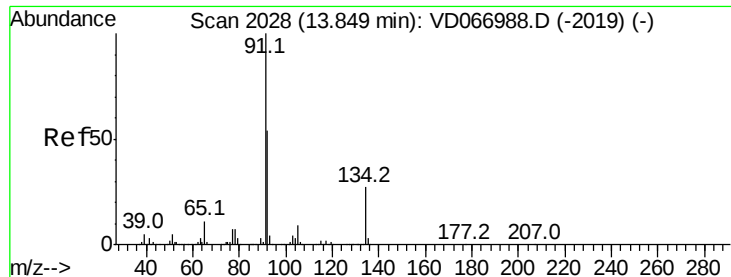
Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion:146 Resp: 404786

Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	63.5	32.6	97.7





#89

n-Butylbenzene

Concen: 48.481 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

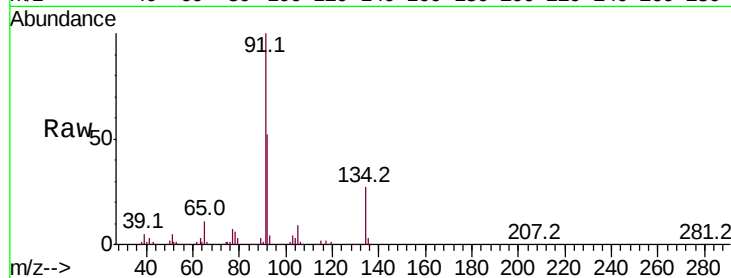
Tot Ion: 91 Resp: 730134

Ion Ratio Lower Upper

91 100

92 53.2 27.1 81.2

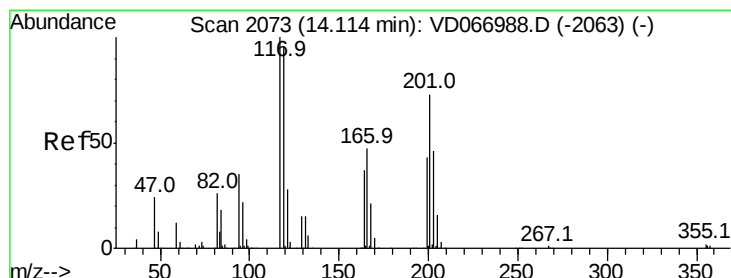
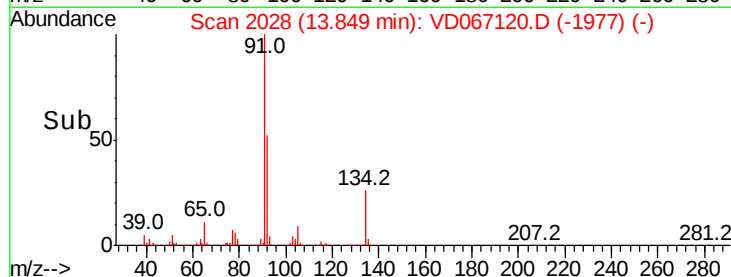
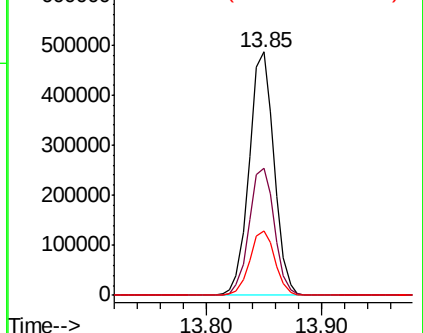
134 26.9 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 49.029 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VD067120.D

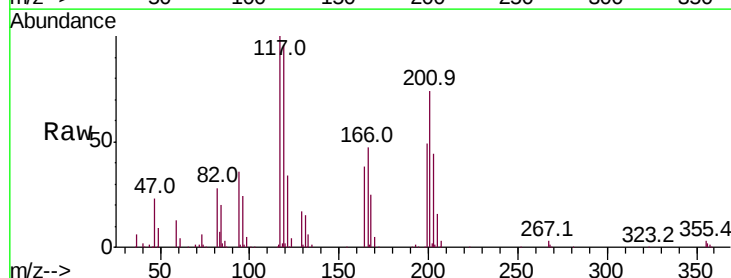
Acq: 06 Oct 2020 21:45

Tgt Ion: 117 Resp: 141522

Ion Ratio Lower Upper

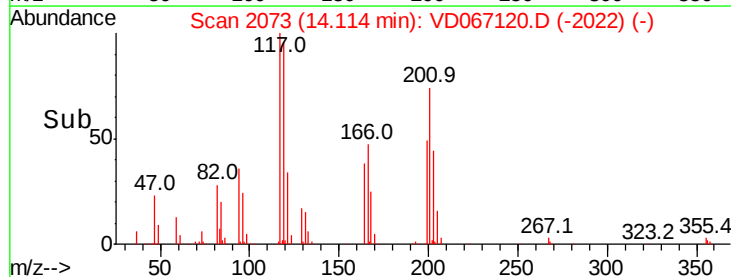
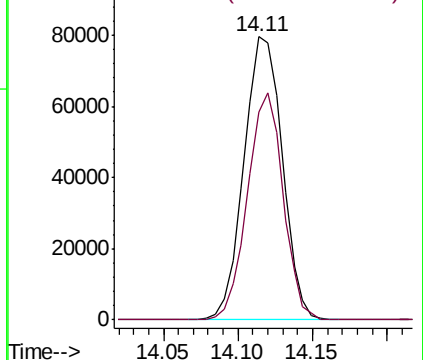
117 100

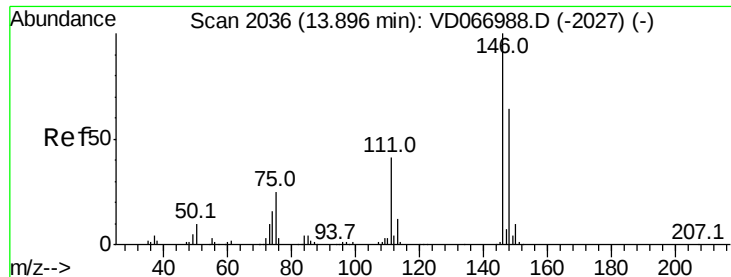
201 74.6 37.0 110.9



Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC





#91

1,2-Dichlorobenzene

Concen: 49.380 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

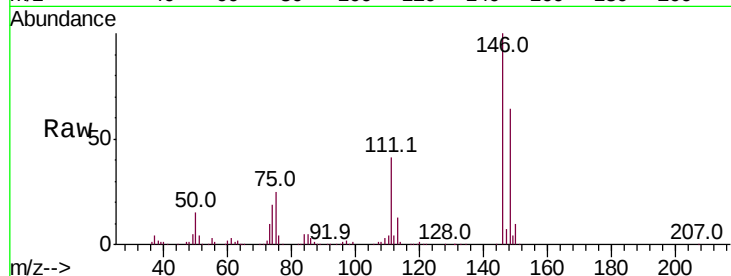
Tot Ion:146 Resp: 359820

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.7

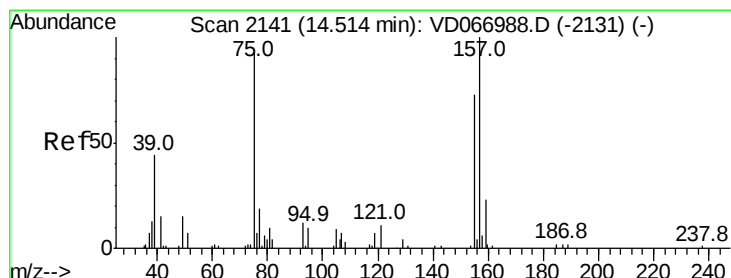
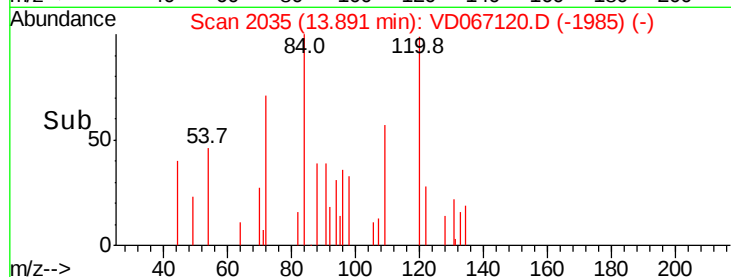
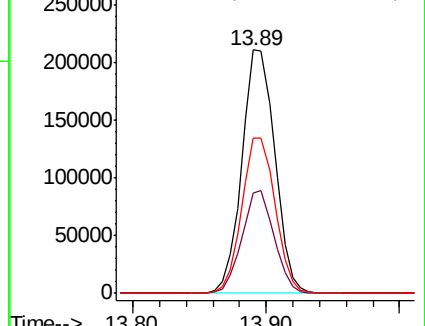
148 64.8 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.461 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

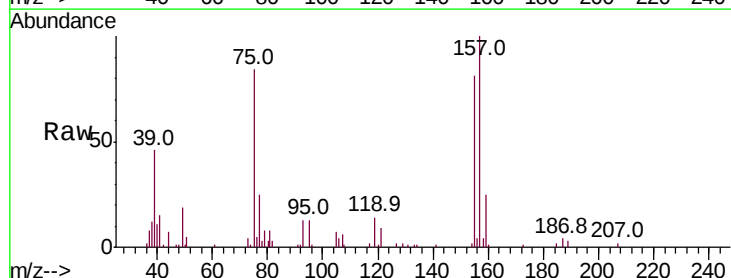
Tgt Ion: 75 Resp: 23349

Ion Ratio Lower Upper

75 100

155 93.4 45.2 135.6

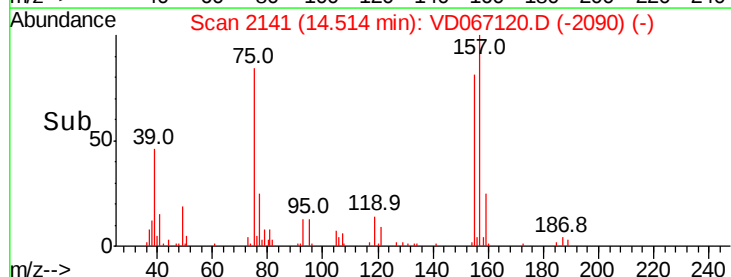
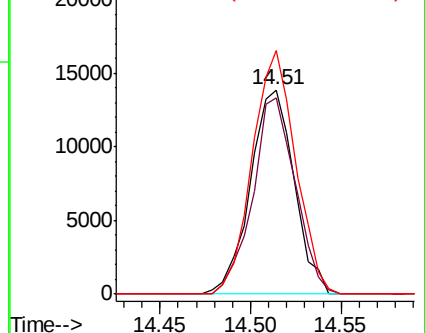
157 117.7 56.3 168.8

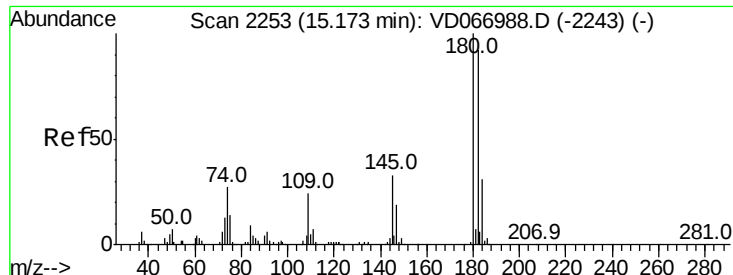


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

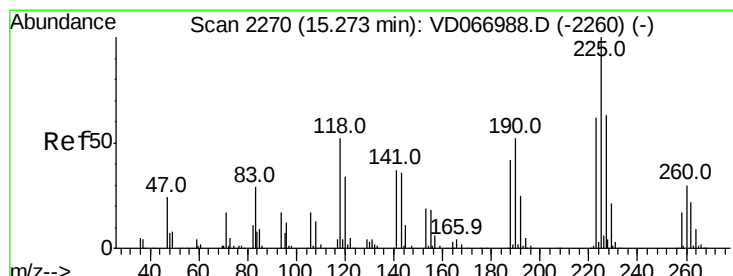
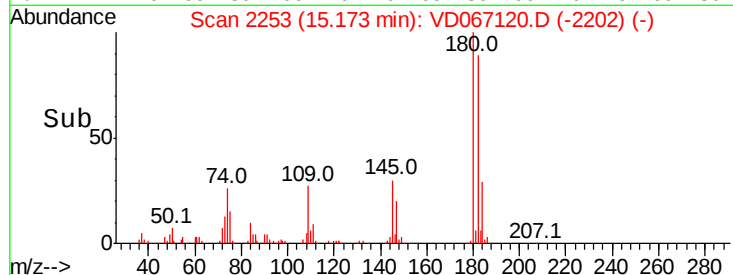
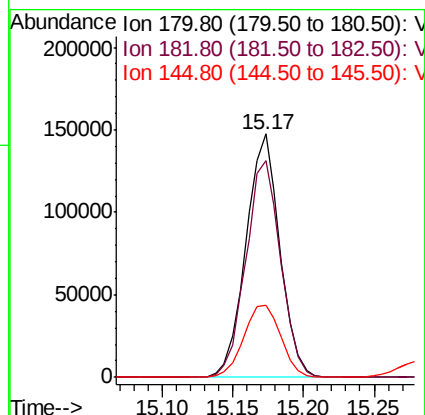
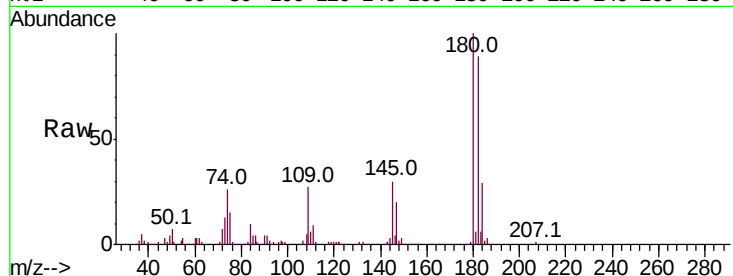




#93
 1,2,4-Trichlorobenzene
 Concen: 52.622 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

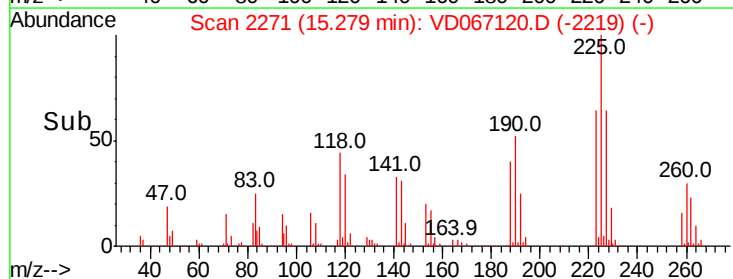
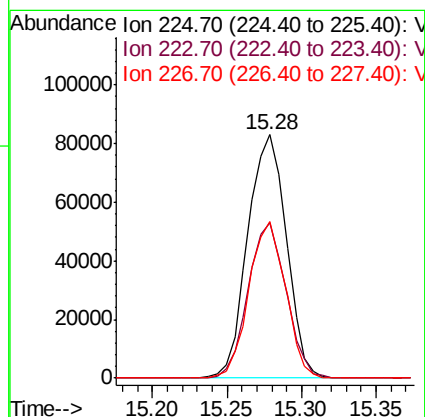
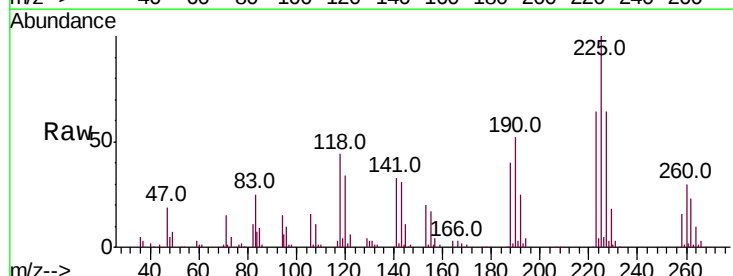
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

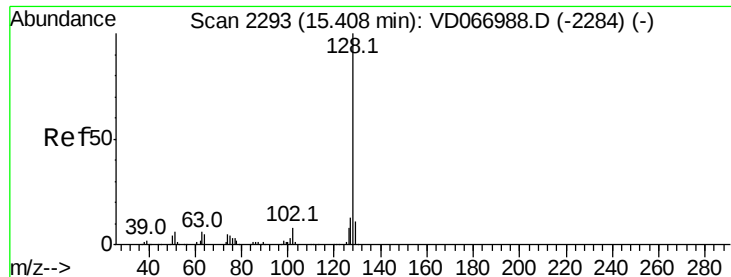
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.3	142.0
145	32.6	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 51.353 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.4	97.0
227	60.6	31.6	95.0

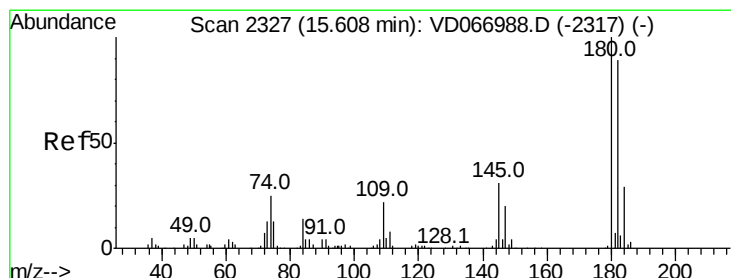
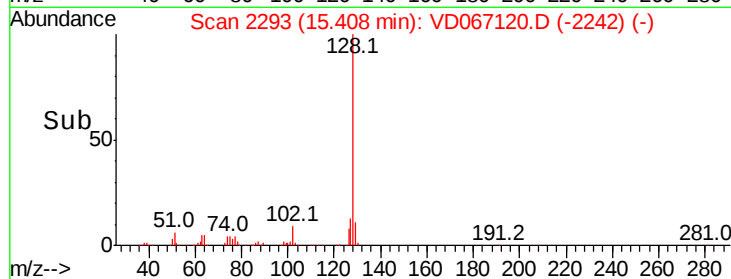
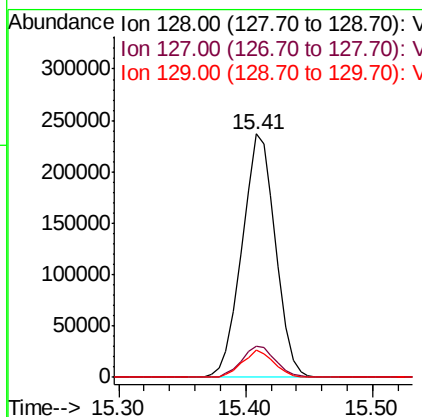
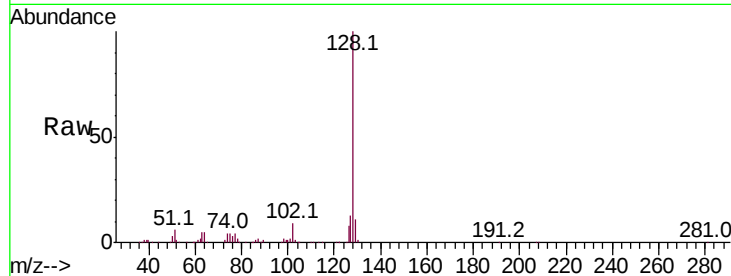




#95
Naphthalene
Concen: 55.064 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 432895
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.024 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion:180 Resp: 212862
Ion Ratio Lower Upper
180 100
182 94.4 46.4 139.1
145 35.3 16.6 49.7

