

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120120\
 Data File : VD067830.D
 Acq On : 01 Dec 2020 11:55
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 02 03:49:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 03:45:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	245968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	348773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	313620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	161242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	133120	50.41	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.82%
35) Dibromofluoromethane	7.92	113	119376	51.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.30%
50) Toluene-d8	10.34	98	425996	50.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.42%
62) 4-Bromofluorobenzene	12.64	95	147492	50.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.56%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	107690	50.309	ug/l 100
3) Chloromethane	2.21	50	59239	47.952	ug/l 100
4) Vinyl Chloride	2.35	62	74249	47.722	ug/l 100
5) Bromomethane	2.77	94	64039	46.107	ug/l 100
6) Chloroethane	2.93	64	50288	49.643	ug/l 100
7) Trichlorofluoromethane	3.27	101	223363	46.916	ug/l 100
8) Diethyl Ether	3.71	74	43428	46.800	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	104209	48.001	ug/l 100
10) Methyl Iodide	4.30	142	119182	51.793	ug/l 100
11) Tert butyl alcohol	5.20	59	19976	97.736	ug/l # 83
12) 1,1-Dichloroethene	4.07	96	97775	47.971	ug/l 100
13) Acrolein	3.92	56	25675	280.355	ug/l 100
14) Allyl chloride	4.71	41	93622	49.652	ug/l 100
15) Acrylonitrile	5.43	53	80654	250.667	ug/l 100
16) Acetone	4.16	43	89373	276.873	ug/l 100
17) Carbon Disulfide	4.41	76	271026	47.627	ug/l 100
18) Methyl Acetate	4.71	43	30596	46.097	ug/l 100
19) Methyl tert-butyl Ether	5.47	73	223349	51.175	ug/l 100
20) Methylene Chloride	4.96	84	106439	42.947	ug/l 100
21) trans-1,2-Dichloroethene	5.47	96	112479	48.496	ug/l 100
22) Diisopropyl ether	6.36	45	190411	50.209	ug/l 100
23) Vinyl Acetate	6.31	43	566054	268.305	ug/l 100
24) 1,1-Dichloroethane	6.27	63	164980	49.628	ug/l 100
25) 2-Butanone	7.21	43	89590	261.045	ug/l 100
26) 2,2-Dichloropropane	7.21	77	189547	47.815	ug/l 100
27) cis-1,2-Dichloroethene	7.21	96	124784	49.189	ug/l 100
28) Bromochloromethane	7.56	49	49779	47.163	ug/l 100
29) Tetrahydrofuran	7.56	42	50891	283.275	ug/l 100
30) Chloroform	7.71	83	214035	48.177	ug/l 100
31) Cyclohexane	7.99	56	125739	45.197	ug/l 100
32) 1,1,1-Trichloroethane	7.91	97	223144	47.582	ug/l 100
36) 1,1-Dichloropropene	8.11	75	149831	49.624	ug/l 100
37) Ethyl Acetate	7.30	43	40364	57.252	ug/l 100
38) Carbon Tetrachloride	8.10	117	220658	48.302	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120120\
 Data File : VD067830.D
 Acq On : 01 Dec 2020 11:55
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 02 03:49:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 03:45:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	177349	49.566	ug/l	100
40) Benzene	8.36	78	405500	49.082	ug/l	100
41) Methacrylonitrile	7.53	41	22813	57.660	ug/l	100
42) 1,2-Dichloroethane	8.43	62	149139	50.650	ug/l	100
43) Isopropyl Acetate	8.46	43	81906	51.155	ug/l	100
44) Trichloroethene	9.11	130	137991	48.580	ug/l	100
45) 1,2-Dichloropropane	9.39	63	81834	48.261	ug/l	100
46) Dibromomethane	9.48	93	59109	50.137	ug/l	100
47) Bromodichloromethane	9.67	83	162110	48.232	ug/l	100
48) Methyl methacrylate	9.46	41	40634	49.978	ug/l	100
49) 1,4-Dioxane	9.47	88	13165	977.261	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	195137	257.504	ug/l	100
52) Toluene	10.41	92	286255	49.558	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	145274	50.078	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	156842	49.705	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	76444	47.380	ug/l	100
56) Ethyl methacrylate	10.66	69	84701	51.598	ug/l	100
57) 1,3-Dichloropropane	10.95	76	122102	47.776	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	206569	276.544	ug/l	100
59) 2-Hexanone	10.99	43	142608	266.952	ug/l	100
60) Dibromochloromethane	11.14	129	116975	48.097	ug/l	100
61) 1,2-Dibromoethane	11.25	107	75979	47.888	ug/l	100
64) Tetrachloroethene	10.88	164	119299	46.635	ug/l	100
65) Chlorobenzene	11.67	112	313651	48.469	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	127211	48.197	ug/l	100
67) Ethyl Benzene	11.75	91	544170	49.364	ug/l	100
68) m/p-Xylenes	11.86	106	426615	98.146	ug/l	100
69) o-Xylene	12.18	106	193943	50.259	ug/l	100
70) Styrene	12.20	104	338926	50.510	ug/l	100
71) Bromoform	12.37	173	71990	51.527	ug/l	100
73) Isopropylbenzene	12.48	105	552076	49.788	ug/l	100
74) N-amyl acetate	12.29	43	70256	51.222	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	72055	49.219	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	106788	89.055	ug/l	24
77) Bromobenzene	12.76	156	138554	50.261	ug/l	100
78) n-propylbenzene	12.83	91	617319	50.229	ug/l	100
79) 2-Chlorotoluene	12.91	91	359591	49.735	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	484539	50.470	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	24263	49.428	ug/l	100
82) 4-Chlorotoluene	13.01	91	380388	49.321	ug/l	100
83) tert-Butylbenzene	13.23	119	426330	52.184	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	487015	51.014	ug/l	100
85) sec-Butylbenzene	13.41	105	539839	49.508	ug/l	100
86) p-Isopropyltoluene	13.52	119	536059	50.161	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	254147	47.793	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	250917	47.165	ug/l	100
89) n-Butylbenzene	13.84	91	452592	50.976	ug/l	100
90) Hexachloroethane	14.11	117	93590	47.435	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	226461	49.102	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14927	48.857	ug/l	100

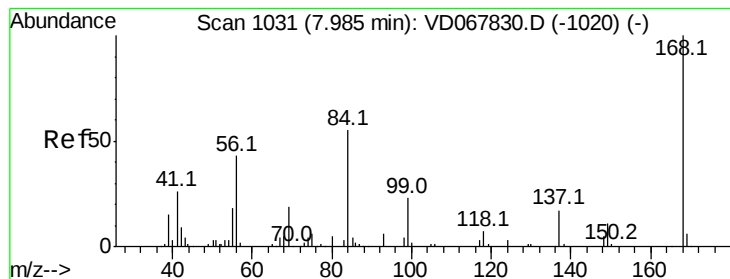
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120120\
Data File : VD067830.D
Acq On : 01 Dec 2020 11:55
Operator : VA/SY
Sample : VSTDICCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Quant Time: Dec 02 03:49:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 03:45:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	163159	50.575	ug/l	100
94) Hexachlorobutadiene	15.27	225	104501	49.641	ug/l	100
95) Naphthalene	15.40	128	276343	52.641	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	141998	50.968	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

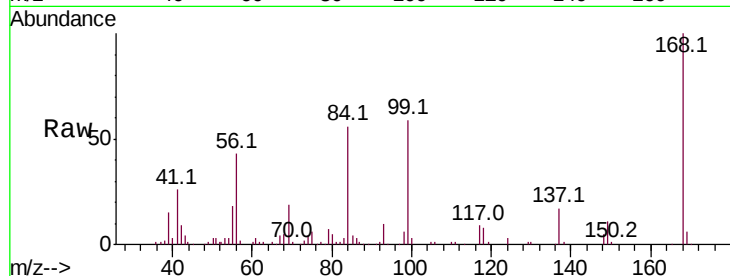
VSTDICCC050

Tot Ion:168 Resp: 245968

Ion Ratio Lower Upper

168 100

99 58.9 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

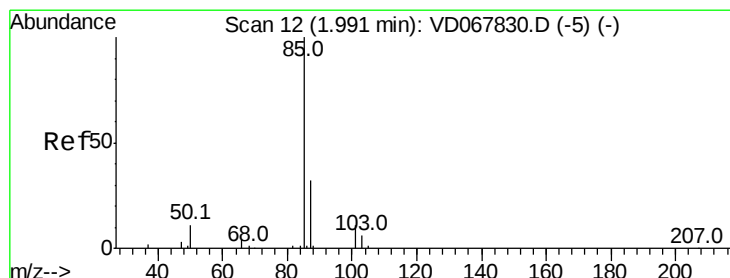
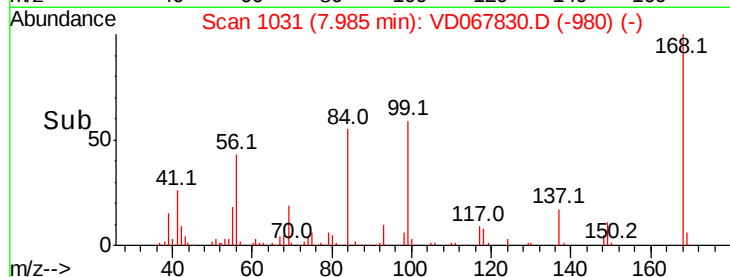
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.309 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067830.D

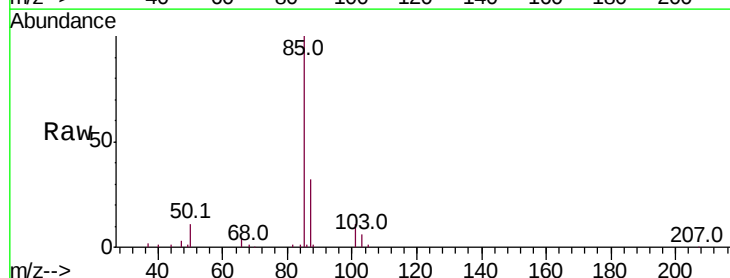
Acq: 01 Dec 2020 11:55

Tgt Ion: 85 Resp: 107690

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

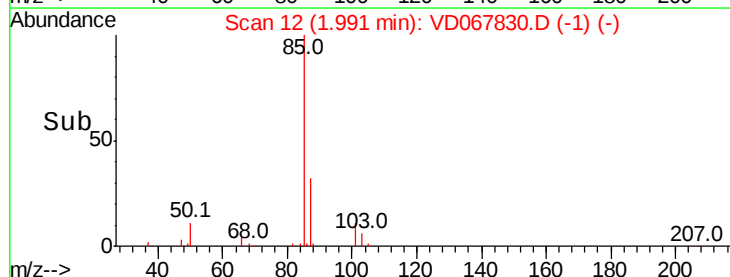
60000

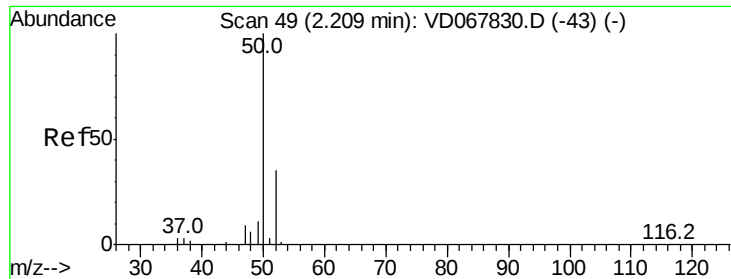
40000

20000

0

Time-->

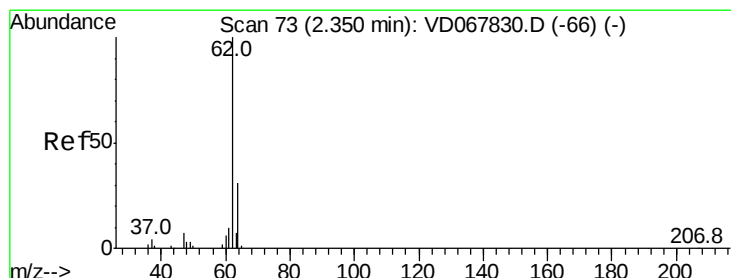
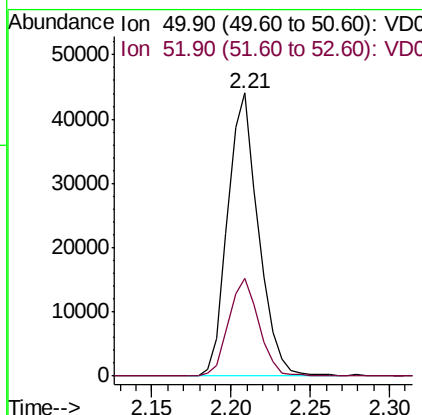
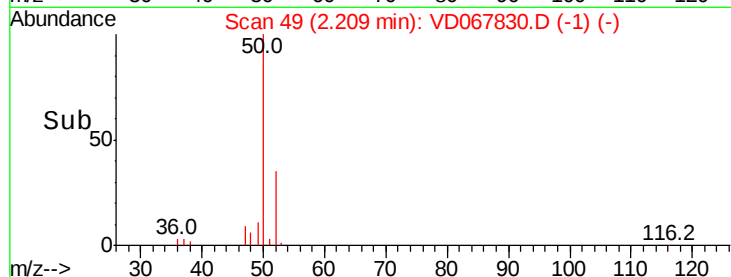
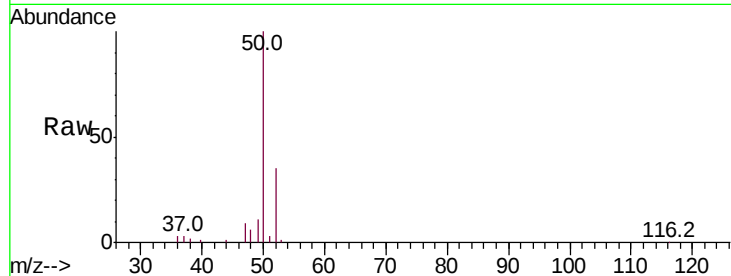




#3
Chloromethane
Concen: 47.952 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

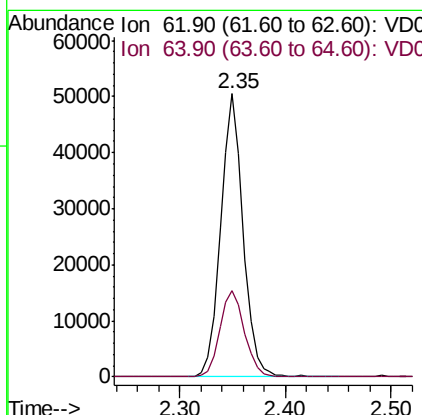
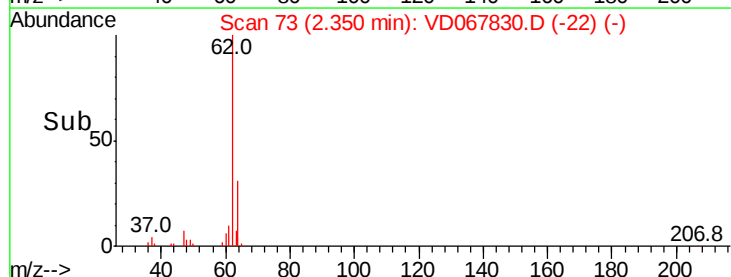
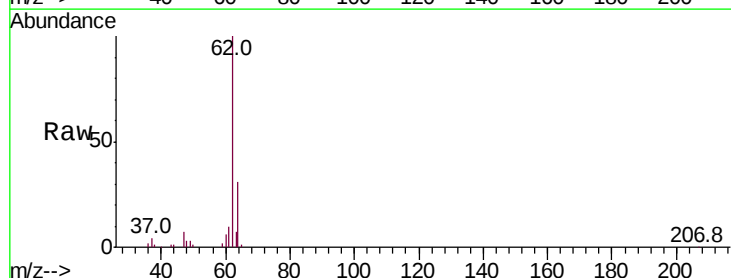
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

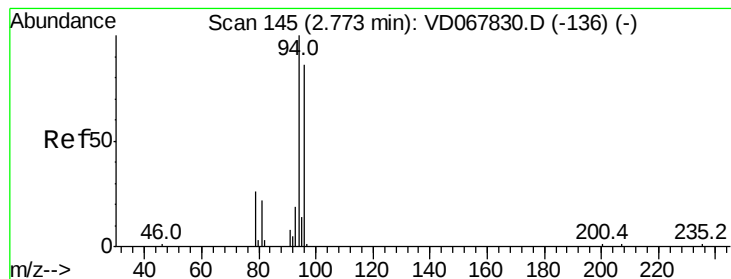
Tot Ion: 50 Resp: 59239
Ion Ratio Lower Upper
50 100
52 34.7 27.8 41.6



#4
Vinyl Chloride
Concen: 47.722 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Tgt Ion: 62 Resp: 74249
Ion Ratio Lower Upper
62 100
64 30.6 24.5 36.7





#5

Bromomethane

Concen: 46.107 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

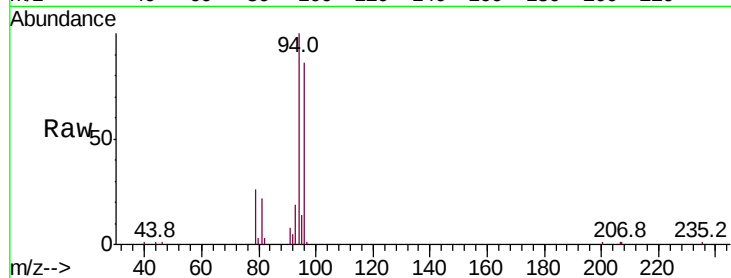
VSTDICCC050

Tot Ion: 94 Resp: 64039

Ion Ratio Lower Upper

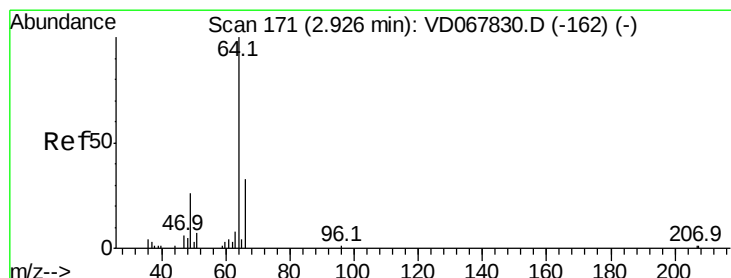
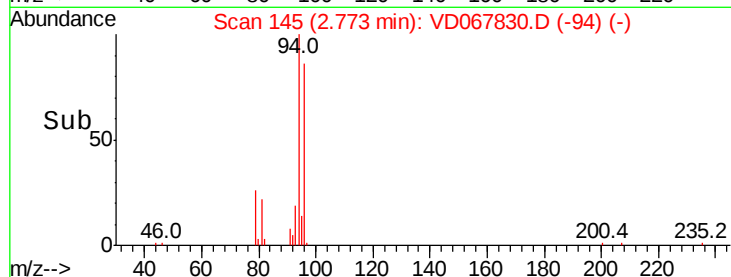
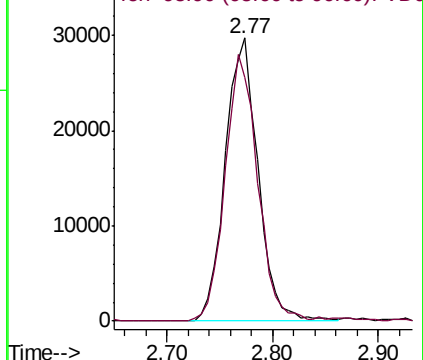
94 100

96 85.9 68.7 103.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.643 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD067830.D

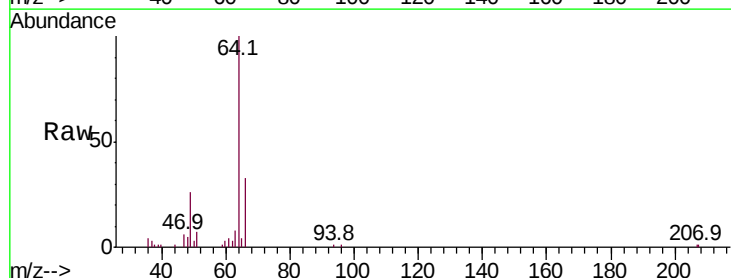
Acq: 01 Dec 2020 11:55

Tgt Ion: 64 Resp: 50288

Ion Ratio Lower Upper

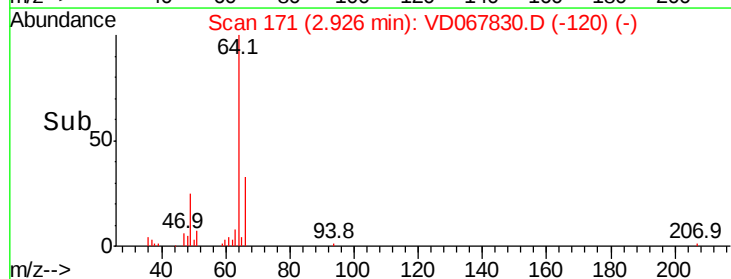
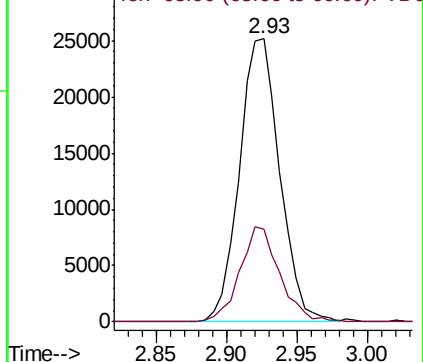
64 100

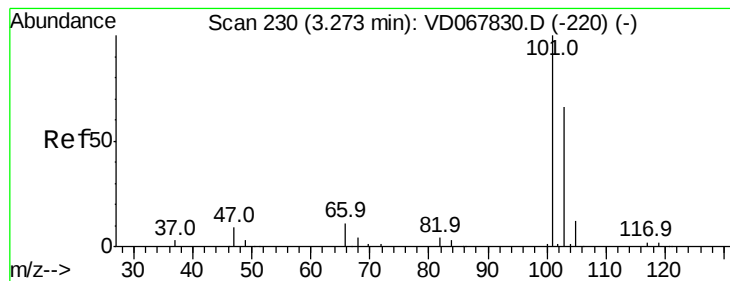
66 32.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



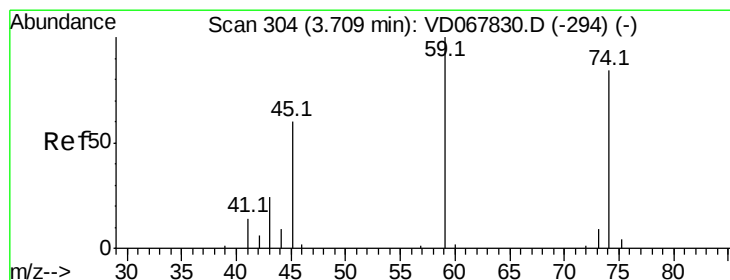
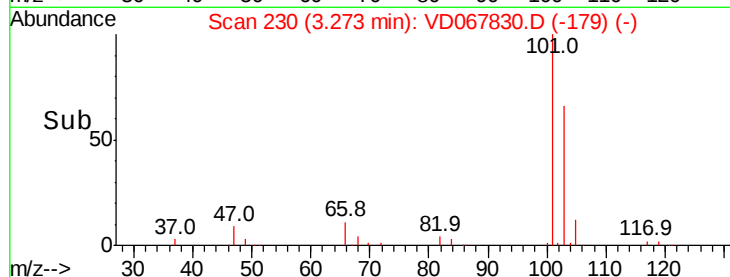
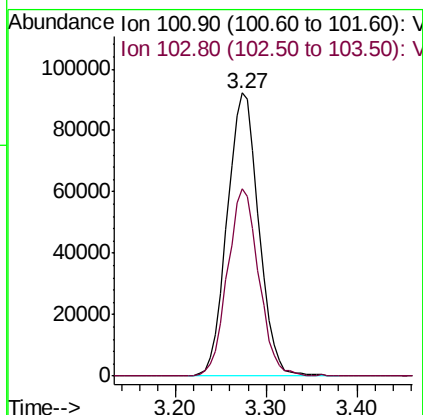
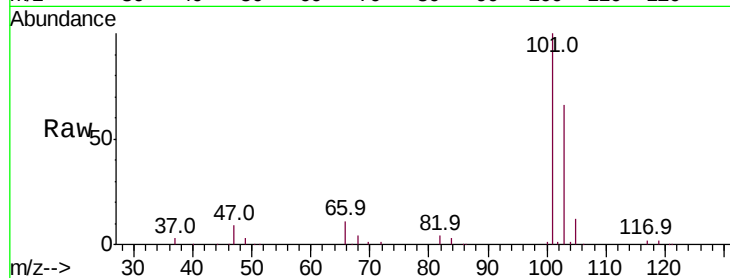


#7

Trichlorofluoromethane
 Concen: 46.916 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

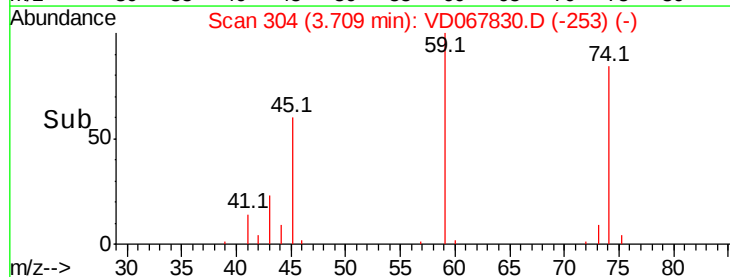
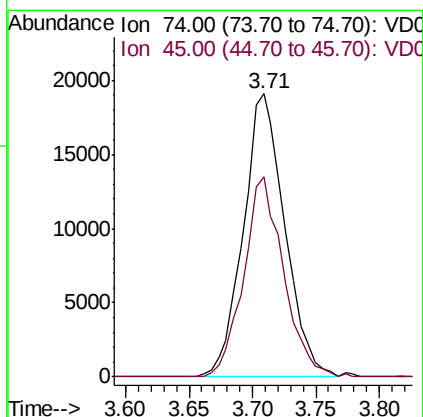
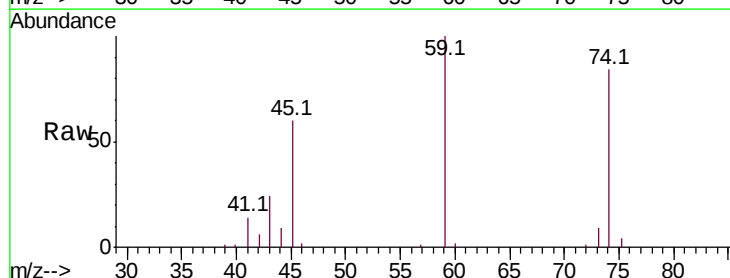
Tot Ion:101 Resp: 223363
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.0 79.6

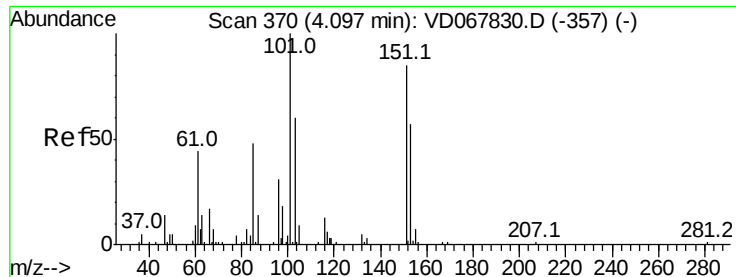


#8

Diethyl Ether
 Concen: 46.800 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Tgt Ion: 74 Resp: 43428
 Ion Ratio Lower Upper
 74 100
 45 67.8 33.9 101.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.001 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

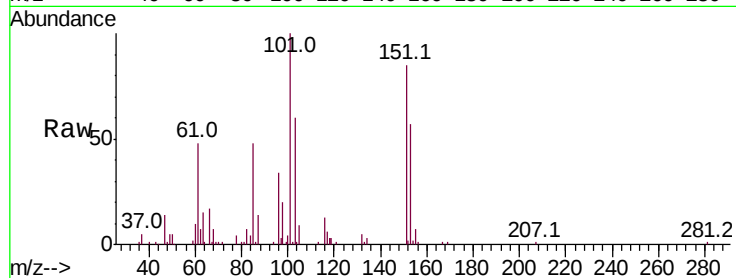
Tot Ion:101 Resp: 104209

Ion Ratio Lower Upper

101 100

85 45.3 36.2 54.4

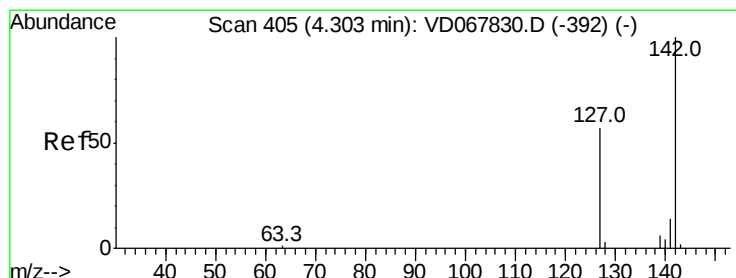
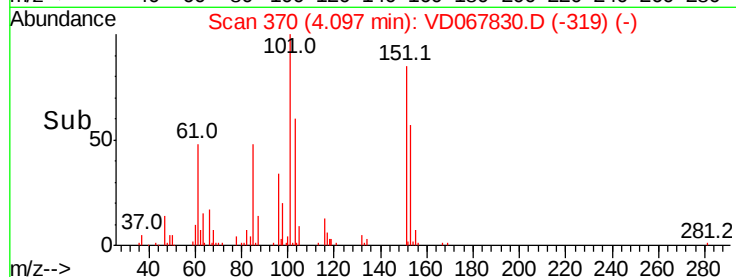
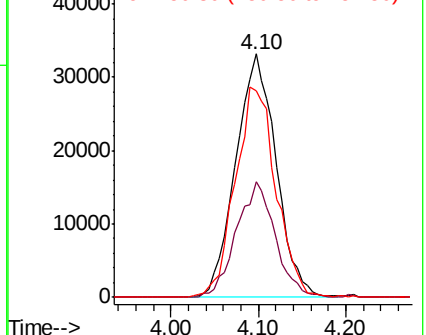
151 86.8 69.4 104.2



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: 51.793 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

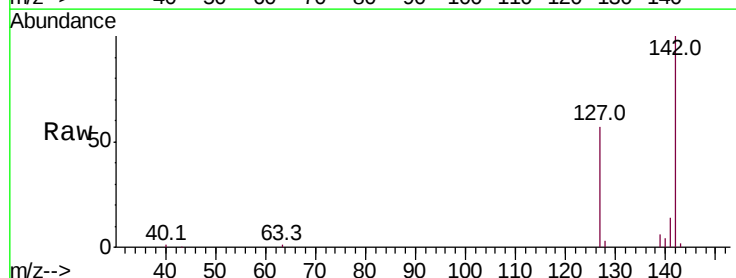
Tgt Ion:142 Resp: 119182

Ion Ratio Lower Upper

142 100

127 54.9 43.9 65.9

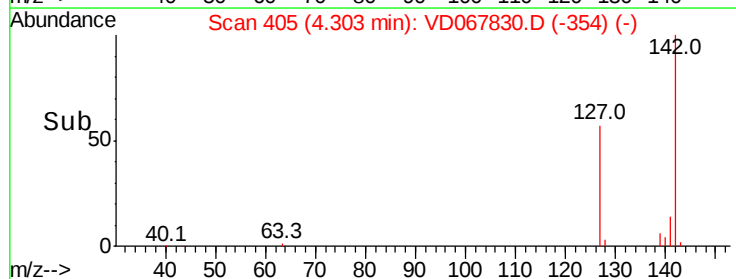
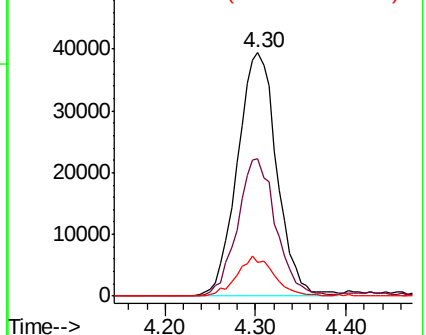
141 15.2 12.2 18.2

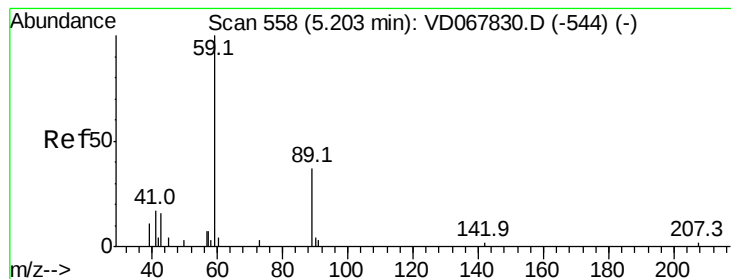


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



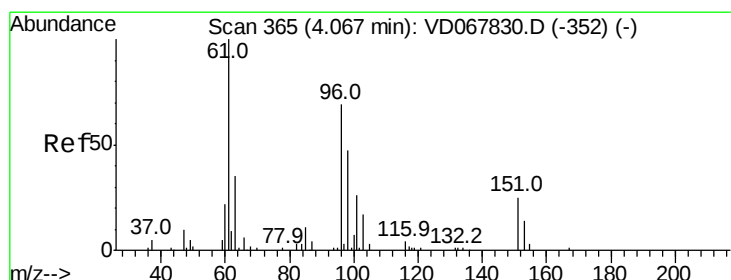
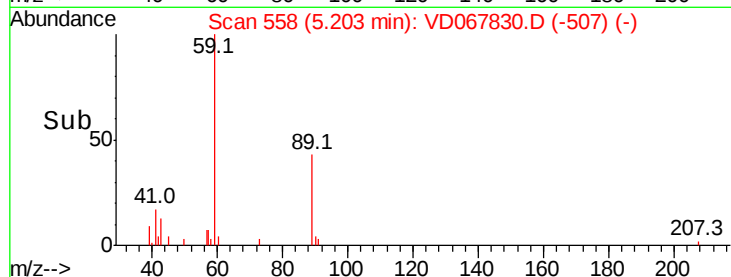
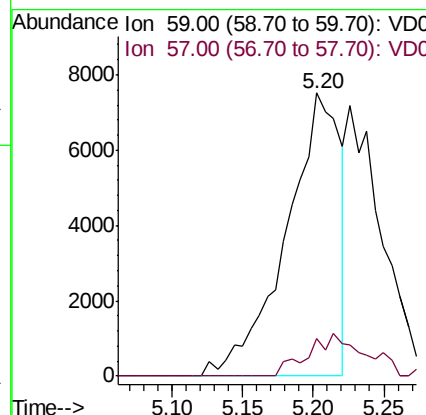
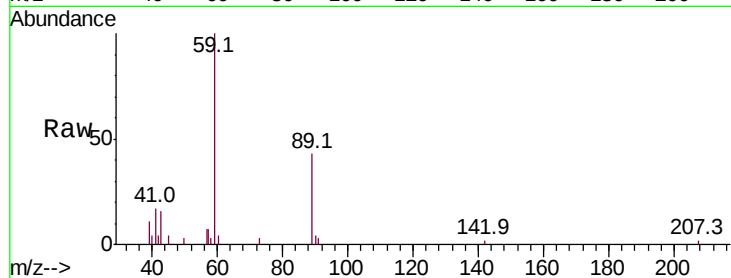


#11

Tert butyl alcohol
 Concen: 97.736 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

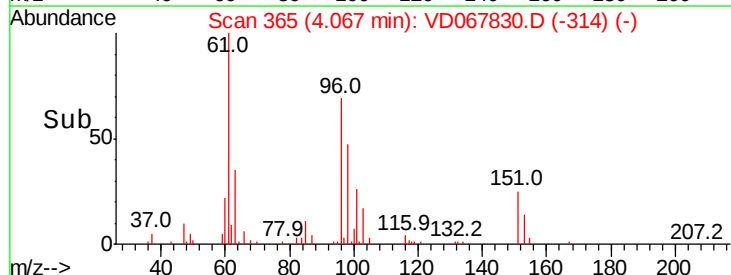
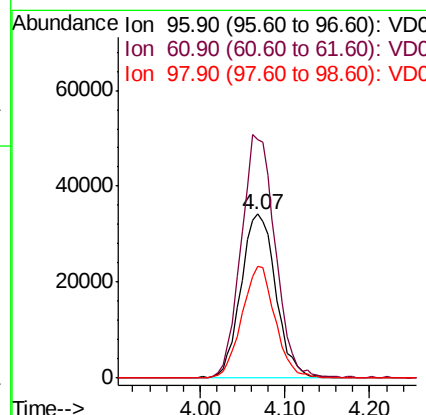
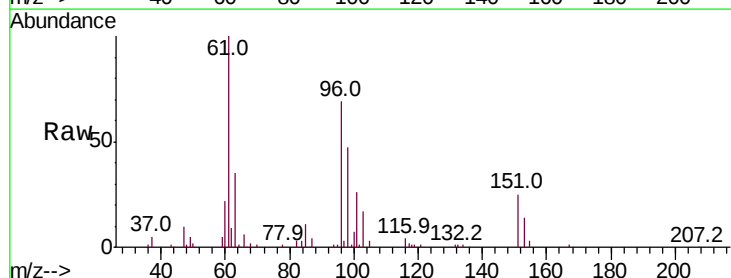
Tot Ion: 59 Resp: 19976
 Ion Ratio Lower Upper
 59 100
 57 15.8 7.7 11.5#

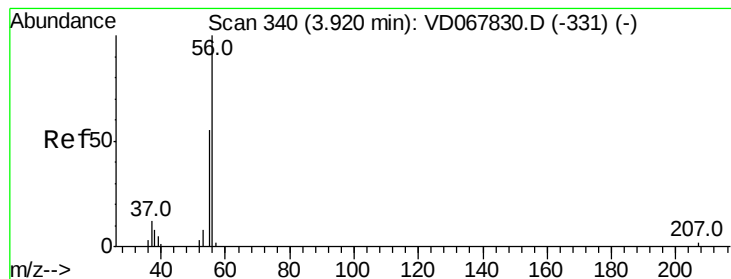


#12

1,1-Dichloroethene
 Concen: 47.971 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Tgt Ion: 96 Resp: 97775
 Ion Ratio Lower Upper
 96 100
 61 145.1 116.1 174.1
 98 68.3 54.6 82.0





#13

Acrolein

Concen: 280.355 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

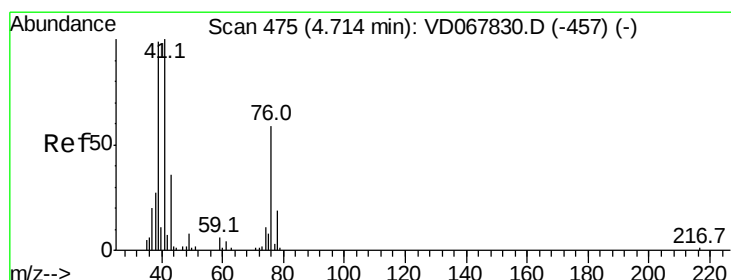
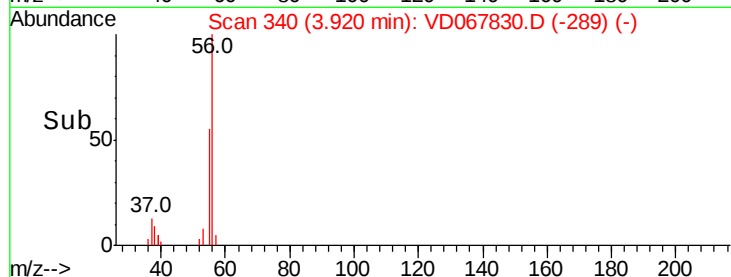
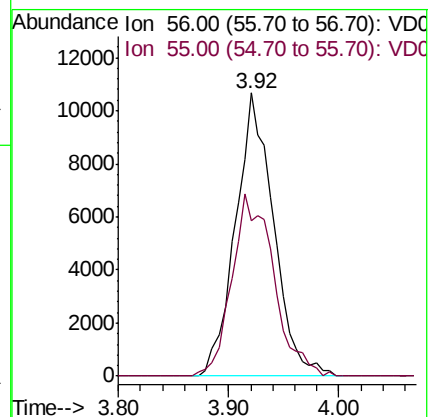
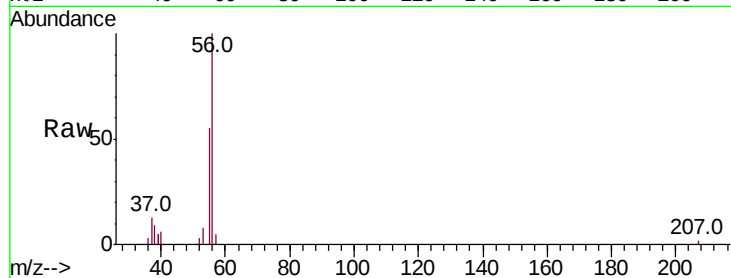
VSTDICCC050

Tot Ion: 56 Resp: 25675

Ion Ratio Lower Upper

56 100

55 70.6 56.5 84.7



#14

Allyl chloride

Concen: 49.652 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

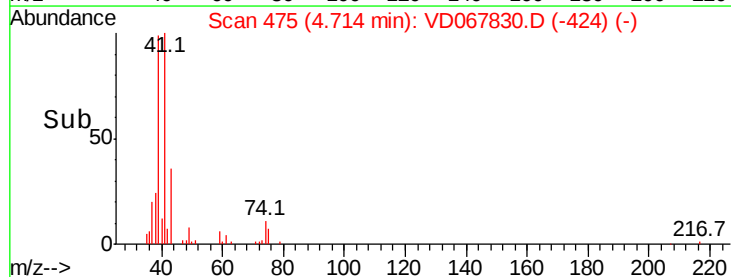
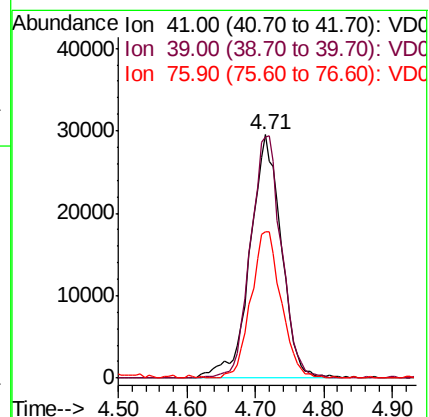
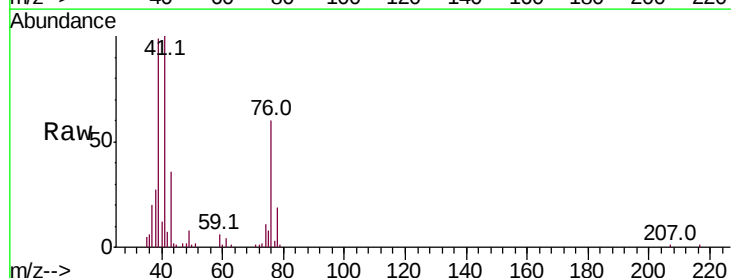
Tgt Ion: 41 Resp: 93622

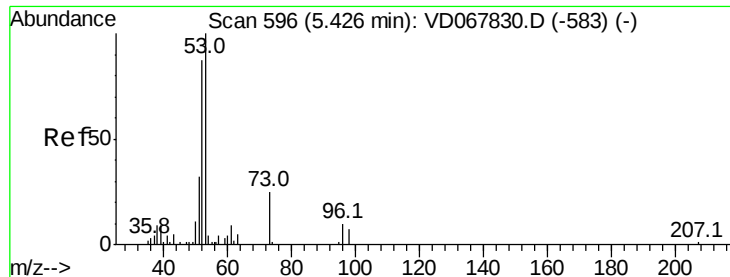
Ion Ratio Lower Upper

41 100

39 98.8 79.0 118.6

76 58.3 46.6 70.0





#15

Acrylonitrile

Concen: 250.667 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

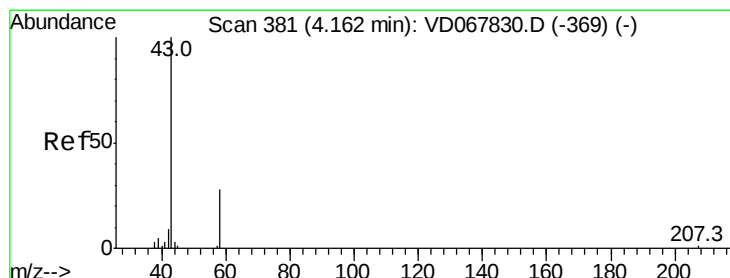
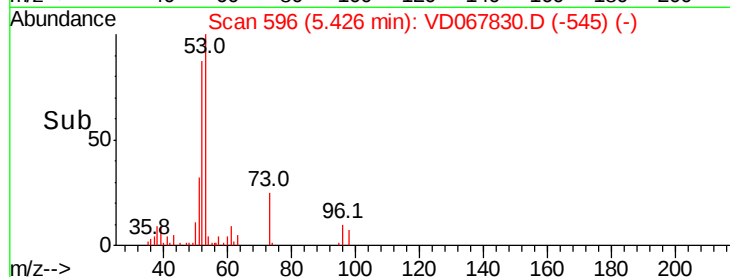
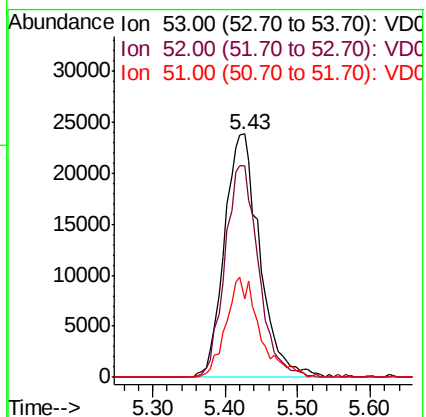
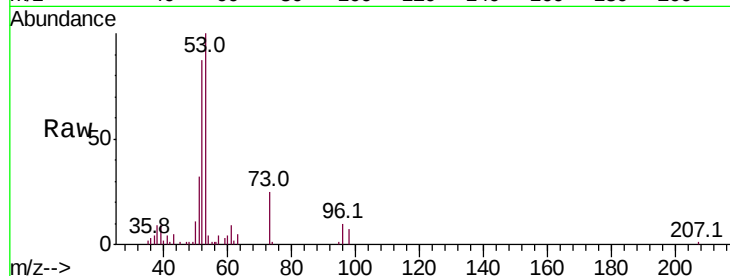
Tot Ion: 53 Resp: 80654

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

51 38.9 31.1 46.7



#16

Acetone

Concen: 276.873 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067830.D

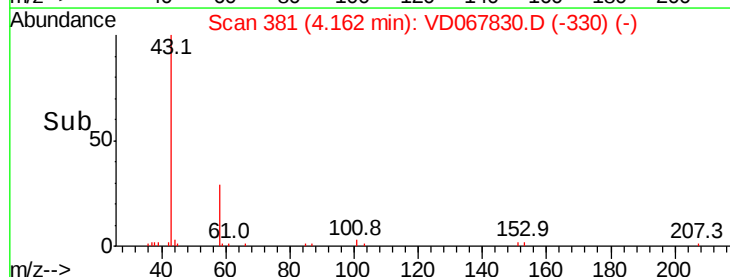
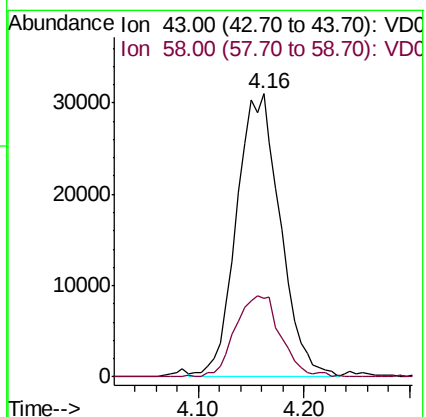
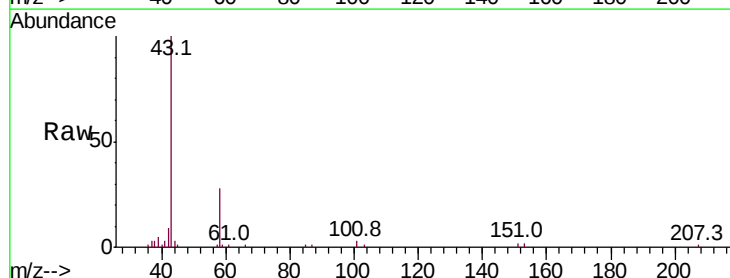
Acq: 01 Dec 2020 11:55

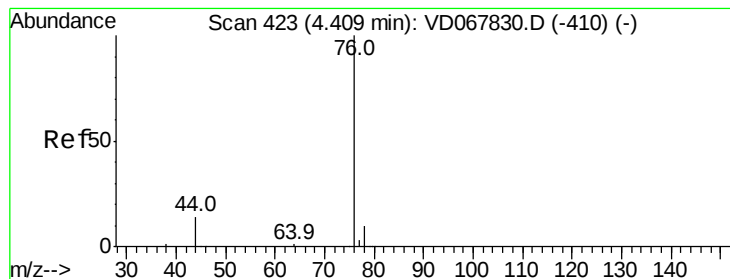
Tgt Ion: 43 Resp: 89373

Ion Ratio Lower Upper

43 100

58 27.4 21.9 32.9





#17

Carbon Disulfide

Concen: 47.627 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

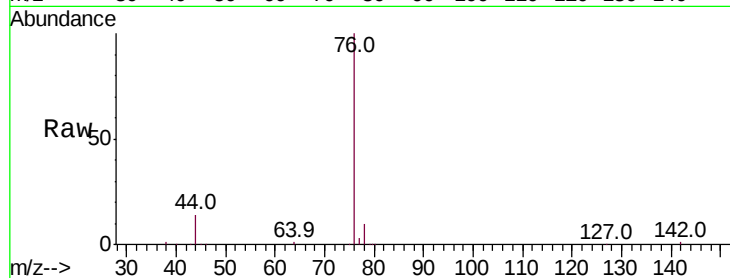
VSTDICCC050

Tot Ion: 76 Resp: 271026

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

100000

80000

60000

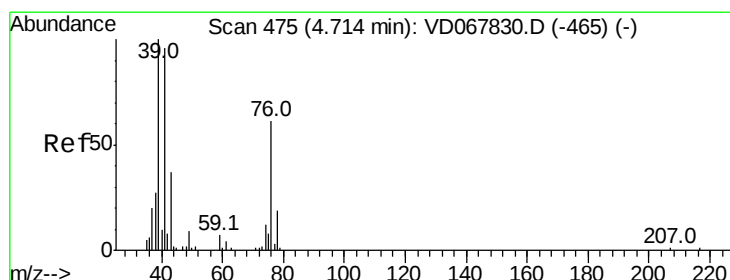
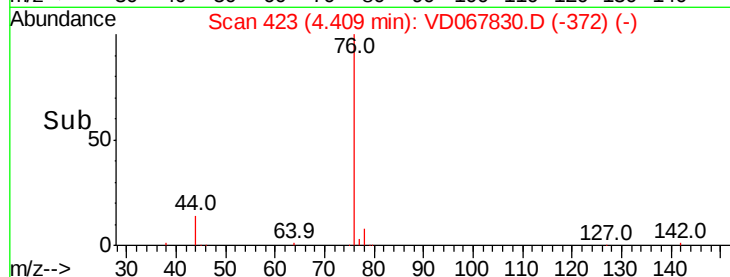
40000

20000

0

Time-->

4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 46.097 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067830.D

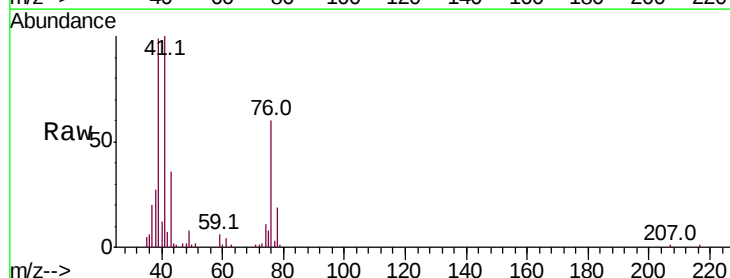
Acq: 01 Dec 2020 11:55

Tgt Ion: 43 Resp: 30596

Ion Ratio Lower Upper

43 100

74 33.7 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

12000

10000

8000

6000

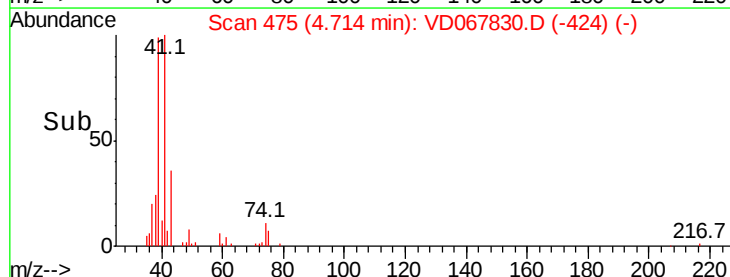
4000

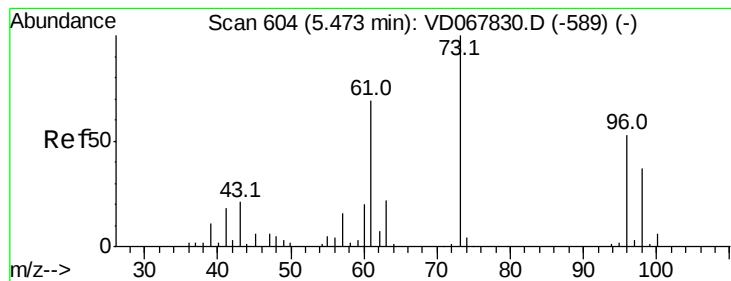
2000

0

Time-->

4.60 4.70 4.80



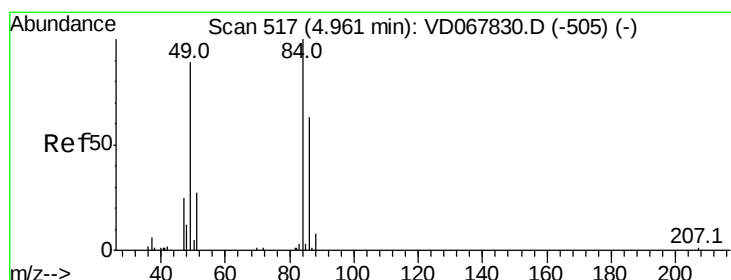
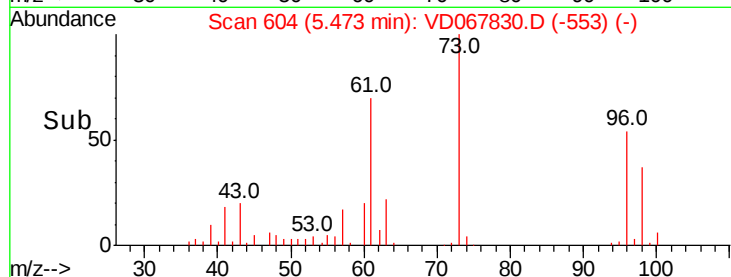
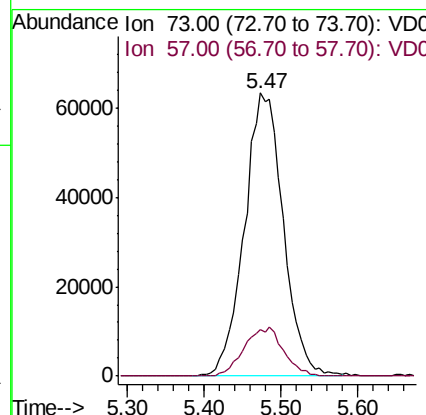
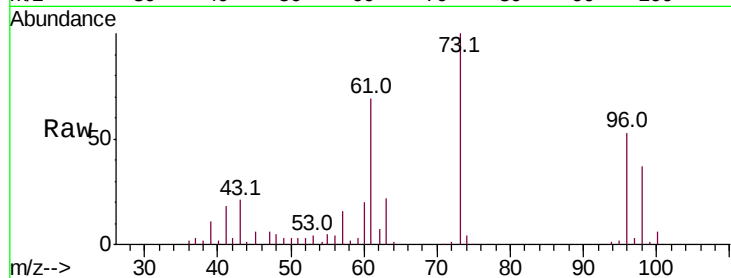


#19

Methyl tert-butyl Ether
 Concen: 51.175 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

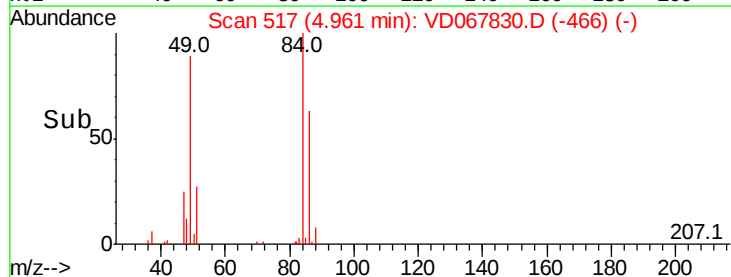
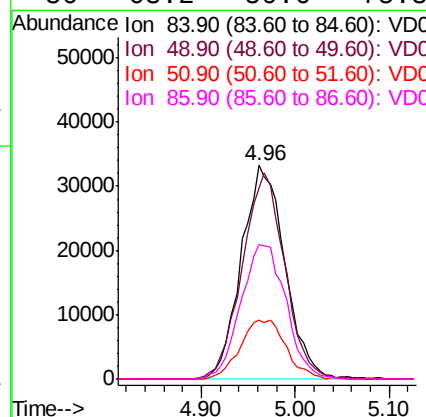
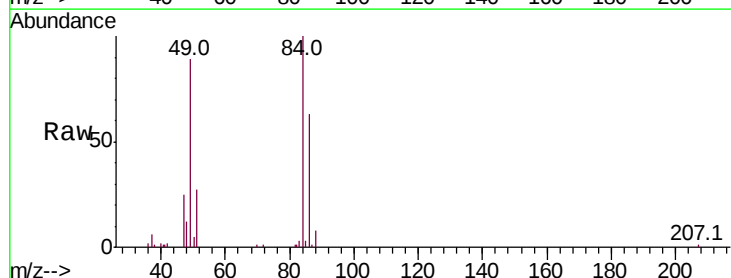
Tot Ion: 73 Resp: 223349
 Ion Ratio Lower Upper
 73 100
 57 16.5 13.2 19.8

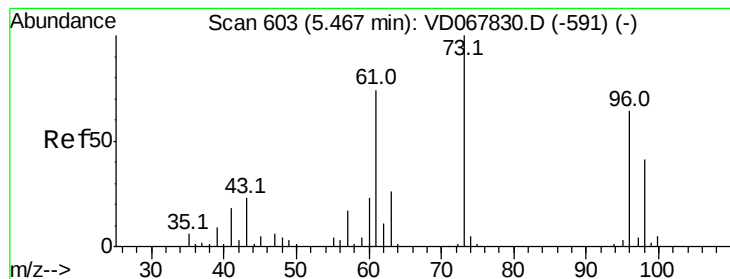


#20

Methylene Chloride
 Concen: 42.947 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Tgt Ion: 84 Resp: 106439
 Ion Ratio Lower Upper
 84 100
 49 89.2 71.4 107.0
 51 27.3 21.8 32.8
 86 63.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.496 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

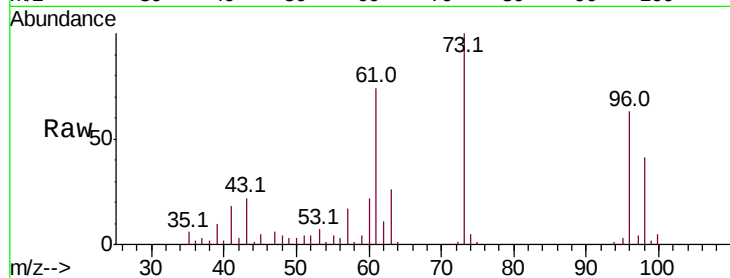
Tot Ion: 96 Resp: 112479

Ion Ratio Lower Upper

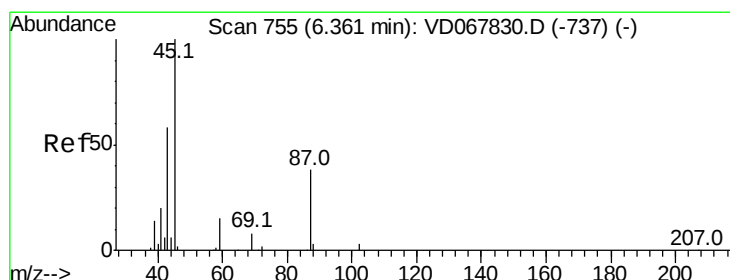
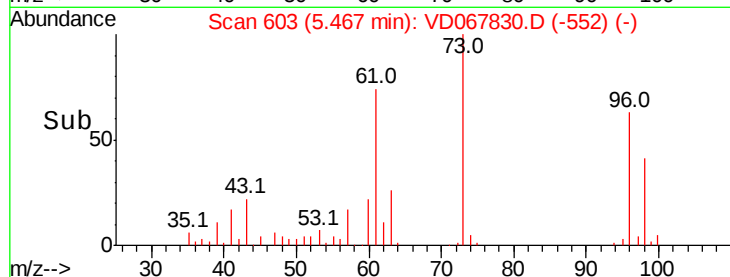
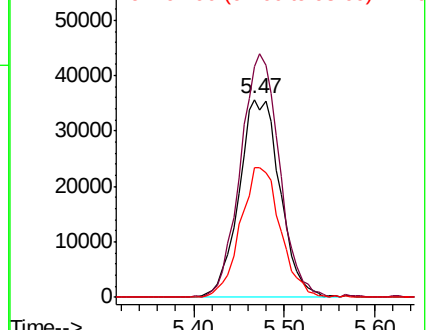
96 100

61 116.4 93.1 139.7

98 65.2 52.2 78.2



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



#22

Diisopropyl ether

Concen: 50.209 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Tgt Ion: 45 Resp: 190411

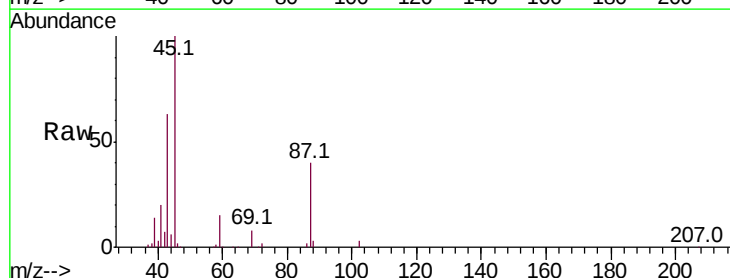
Ion Ratio Lower Upper

45 100

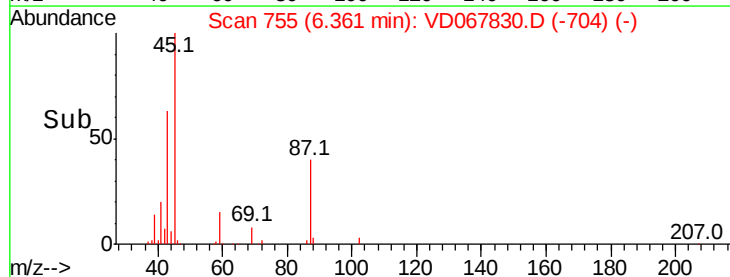
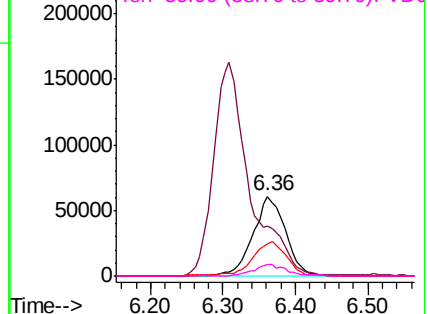
43 62.2 49.8 74.6

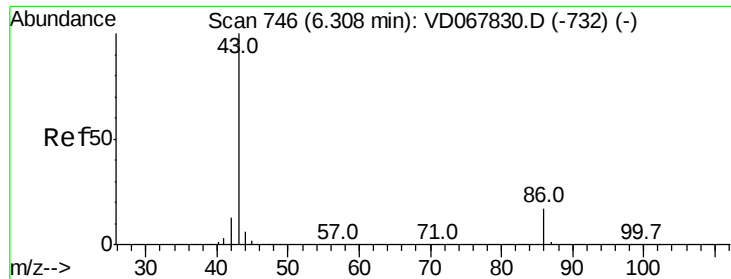
87 40.1 32.1 48.1

59 14.9 11.9 17.9



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC

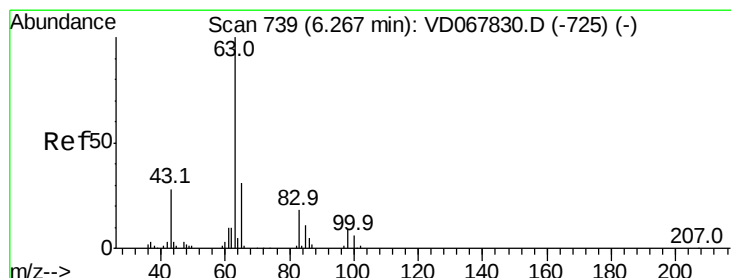
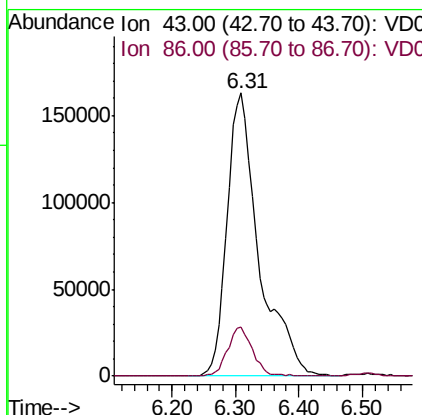
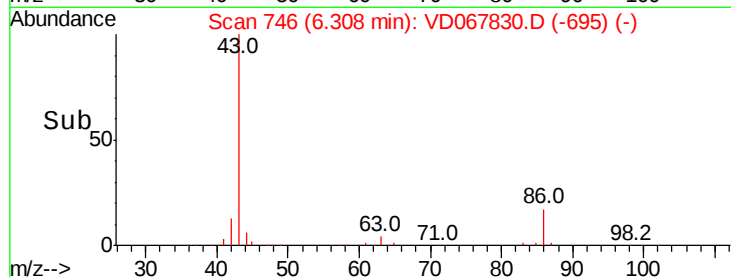
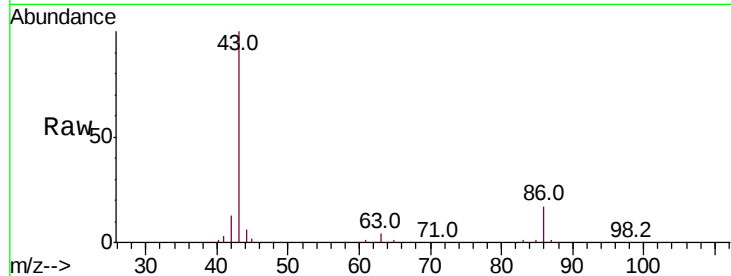




#23
 Vinyl Acetate
 Concen: 268.305 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

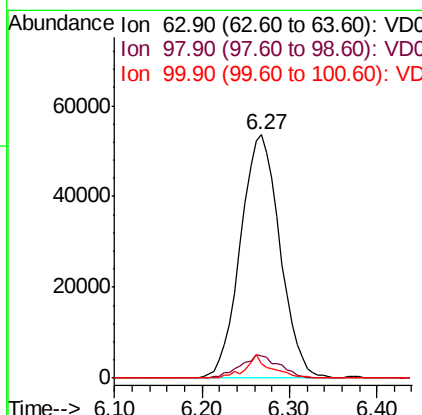
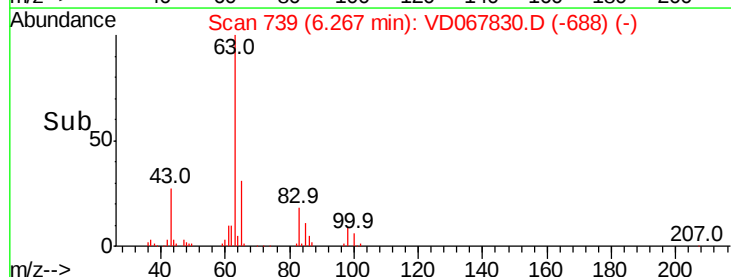
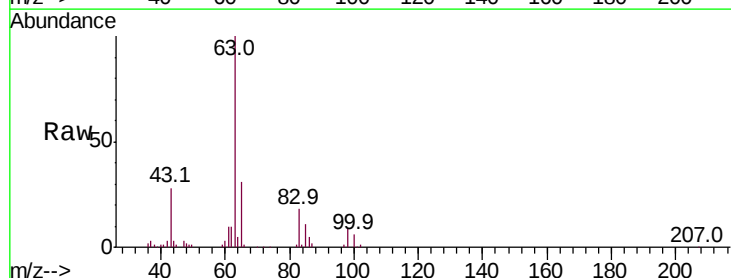
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

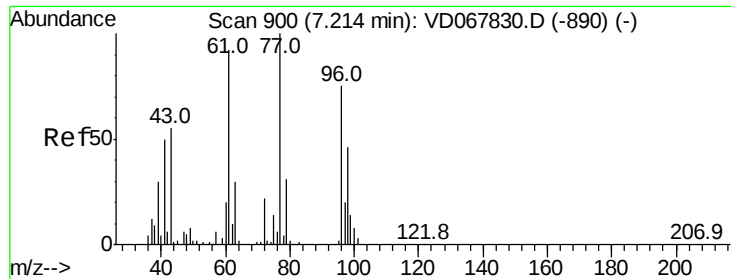
Tot Ion: 43 Resp: 566054
 Ion Ratio Lower Upper
 43 100
 86 17.2 13.8 20.6



#24
 1,1-Dichloroethane
 Concen: 49.628 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Tgt Ion: 63 Resp: 164980
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.5 13.5
 100 6.1 3.0 9.2

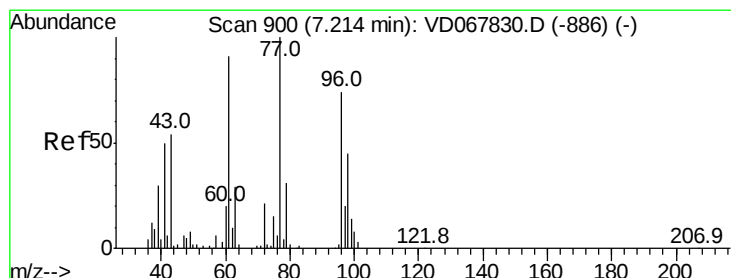
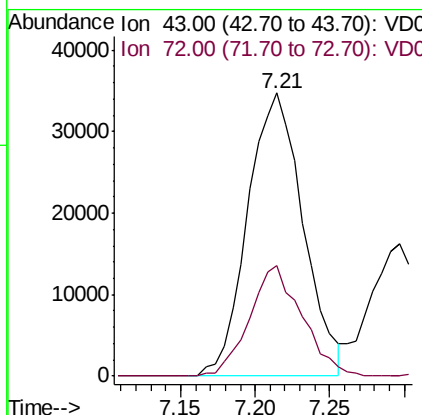
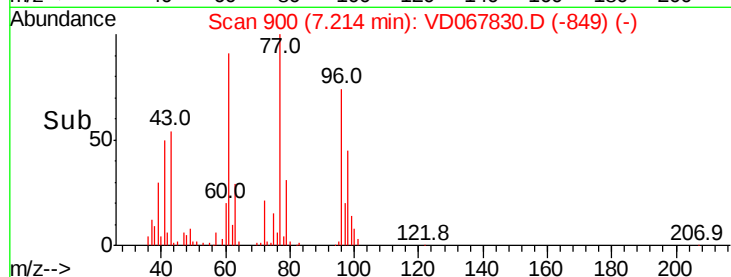
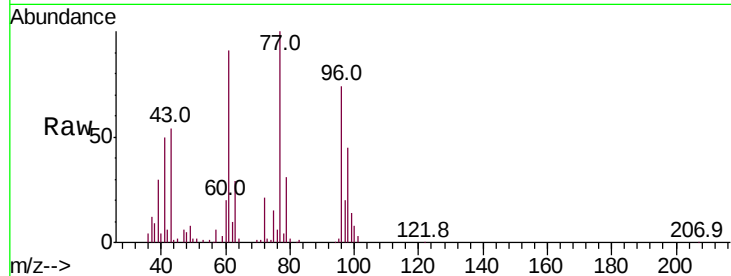




#25
2-Butanone
Concen: 261.045 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

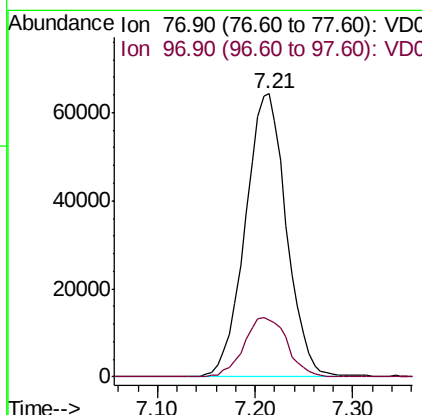
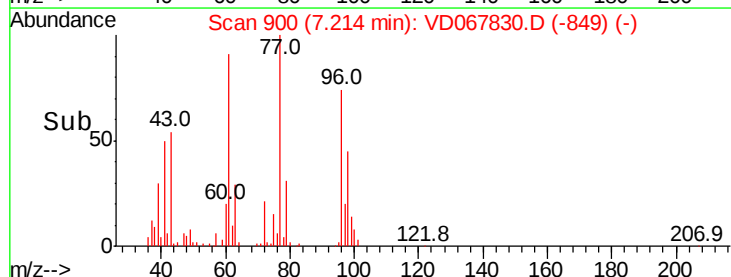
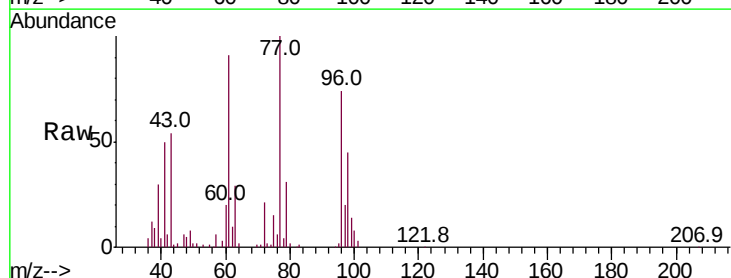
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

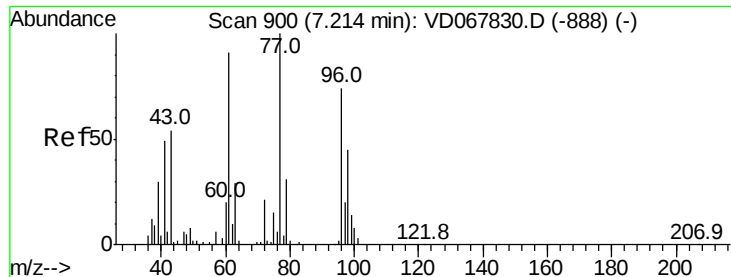
Tot Ion: 43 Resp: 89590
Ion Ratio Lower Upper
43 100
72 39.1 31.3 46.9



#26
2,2-Dichloropropane
Concen: 47.815 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Tgt Ion: 77 Resp: 189547
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1



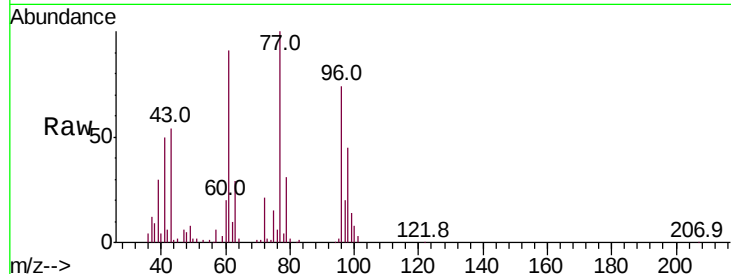


#27

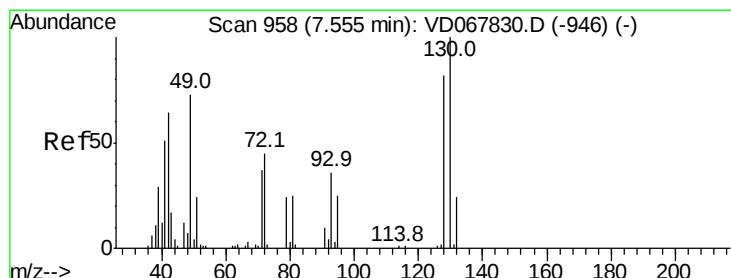
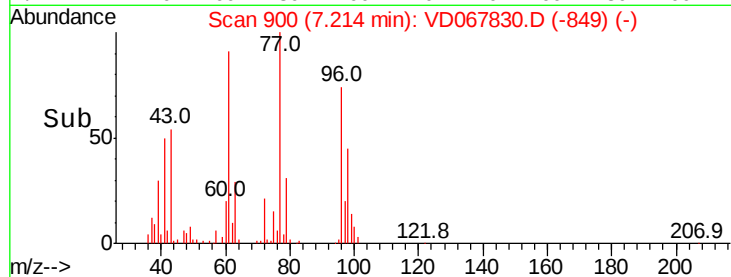
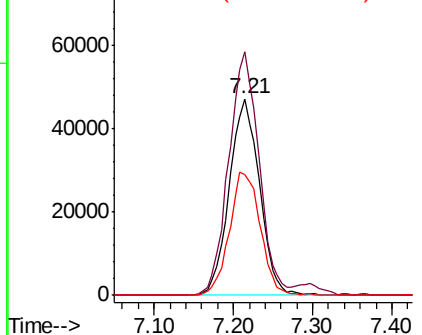
cis-1,2-Dichloroethene
 Concen: 49.189 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	96	Resp	124784
Ion	Ratio	Lower	Upper
96	100		
61	124.2	0.0	248.4
98	63.7	0.0	127.4



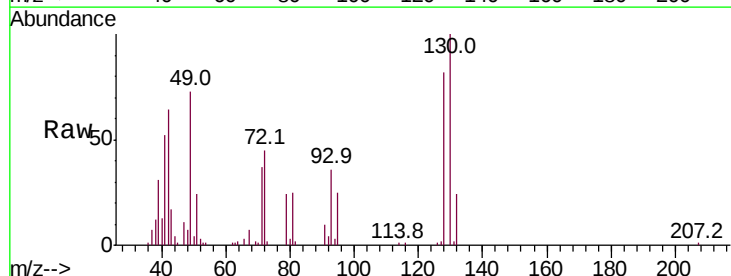
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



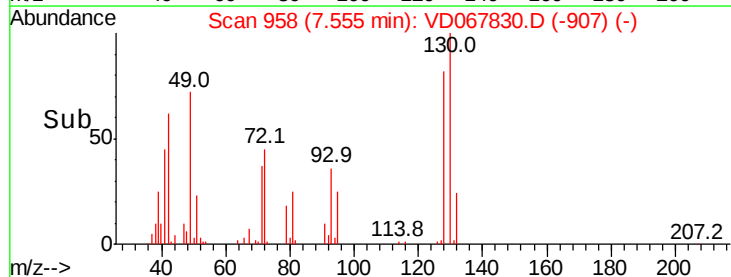
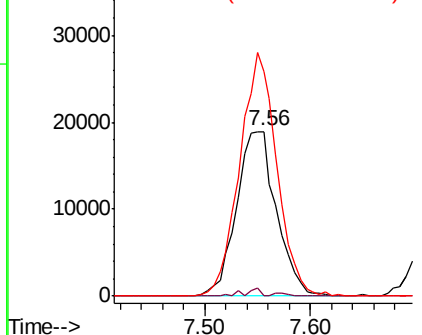
#28

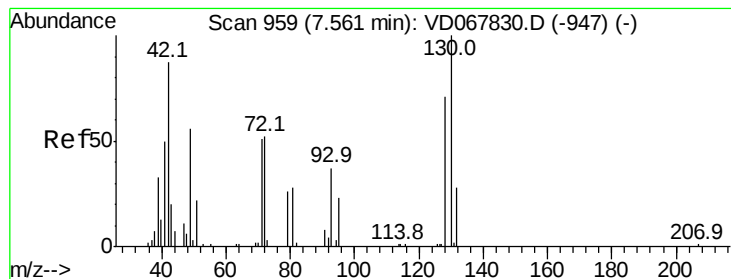
Bromochloromethane
 Concen: 47.163 ug/l
 RT: 7.56 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Tgt Ion	49	Resp	49779
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	137.7	110.2	165.2



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





#29

Tetrahydrofuran

Concen: 283.275 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

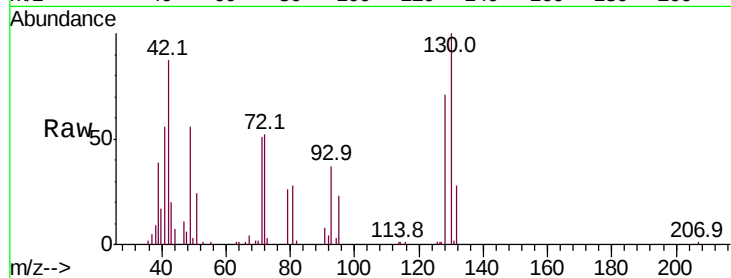
Tot Ion: 42 Resp: 50891

Ion Ratio Lower Upper

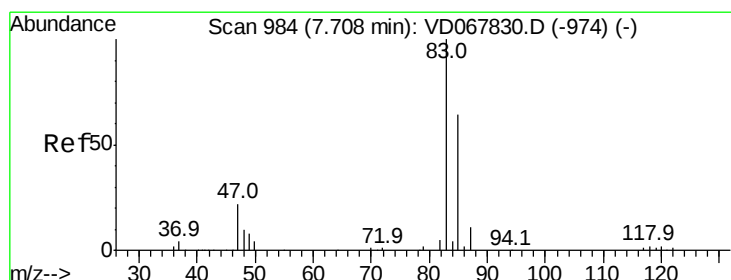
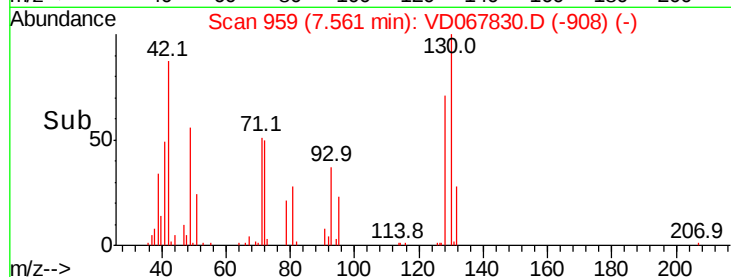
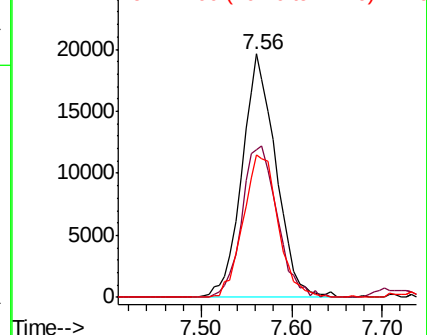
42 100

72 64.9 51.9 77.9

71 60.3 48.2 72.4



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



#30

Chloroform

Concen: 48.177 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067830.D

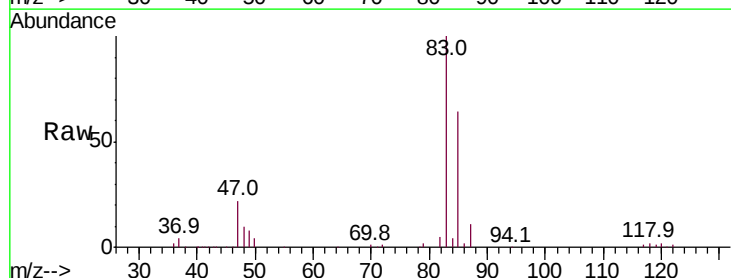
Acq: 01 Dec 2020 11:55

Tgt Ion: 83 Resp: 214035

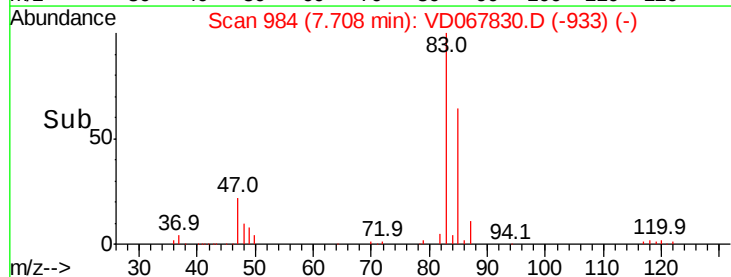
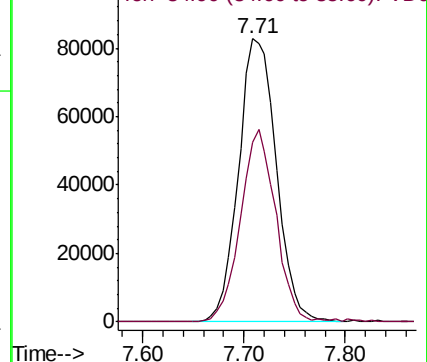
Ion Ratio Lower Upper

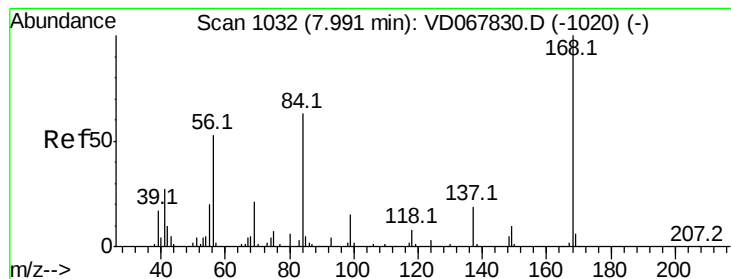
83 100

85 63.7 51.0 76.4



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





#31

Cyclohexane

Concen: 45.197 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

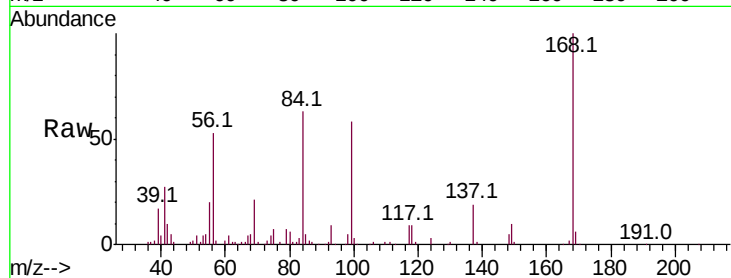
Tot Ion: 56 Resp: 125739

Ion Ratio Lower Upper

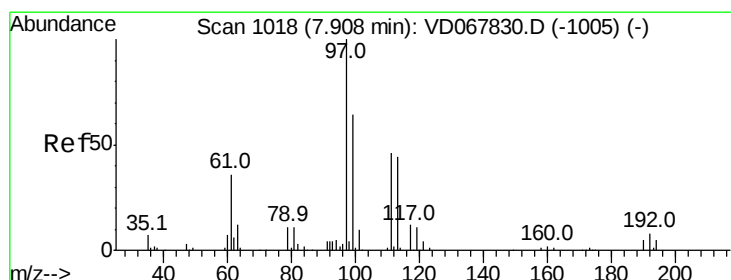
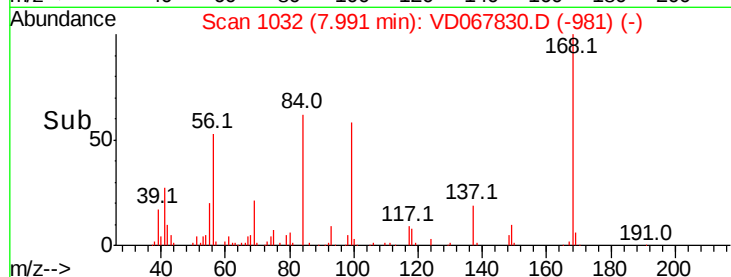
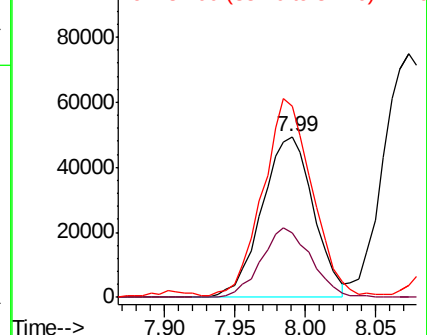
56 100

69 40.1 32.1 48.1

84 116.5 93.2 139.8



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



#32

1,1,1-Trichloroethane

Concen: 47.582 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

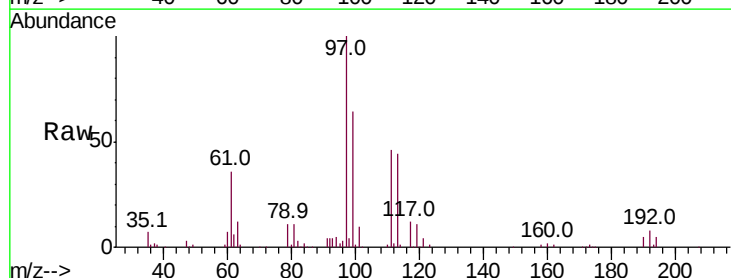
Tgt Ion: 97 Resp: 223144

Ion Ratio Lower Upper

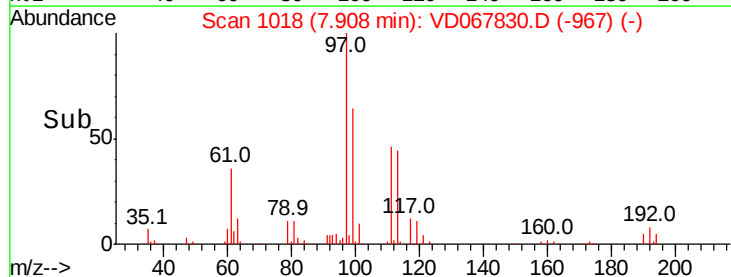
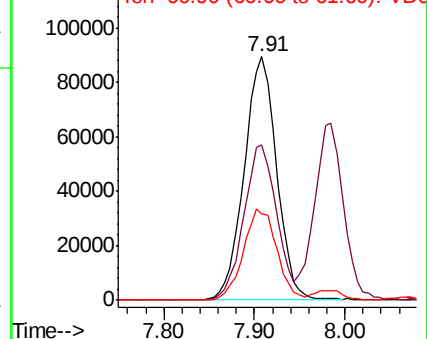
97 100

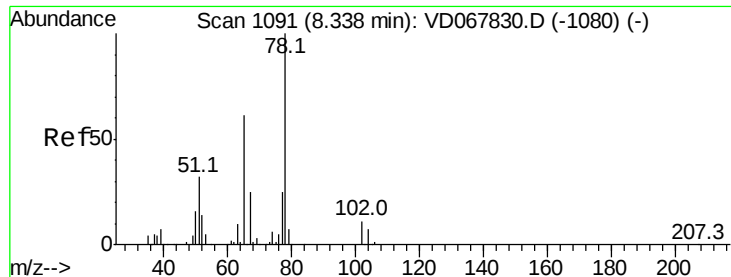
99 64.3 51.4 77.2

61 38.5 30.8 46.2



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: 50.413 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

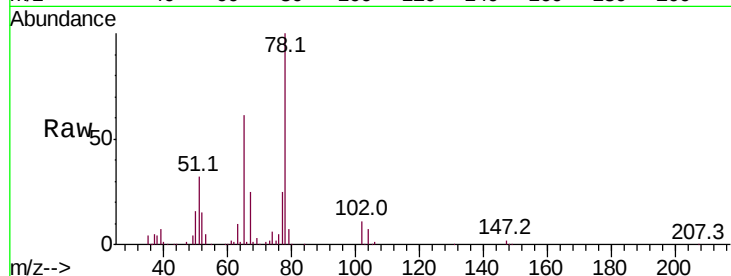
VSTDICCC050

Tot Ion: 65 Resp: 133120

Ion Ratio Lower Upper

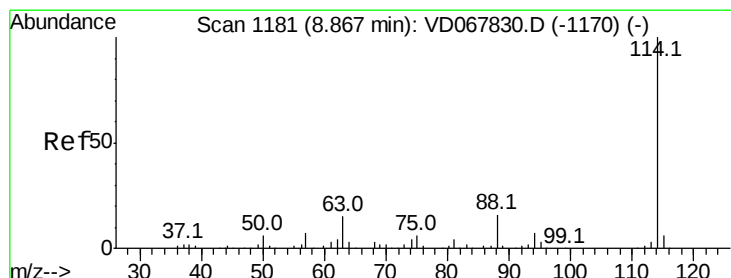
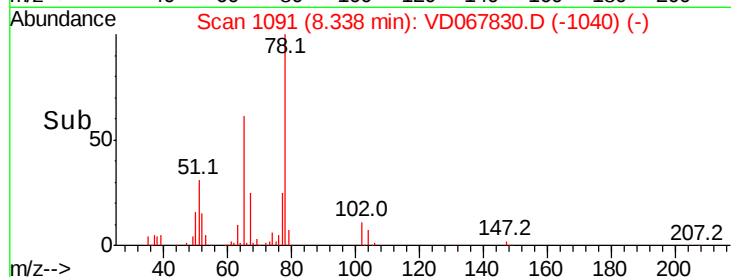
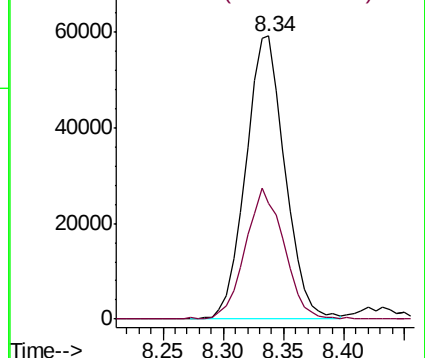
65 100

67 46.0 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

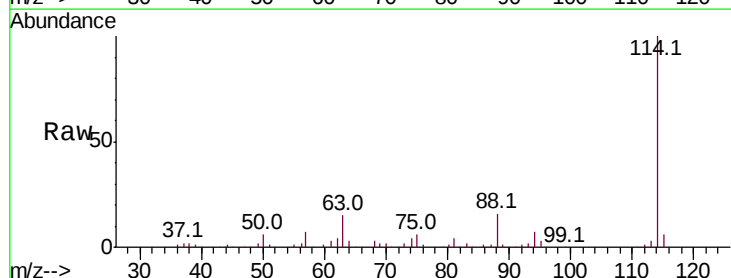
Tgt Ion: 114 Resp: 348773

Ion Ratio Lower Upper

114 100

63 15.4 0.0 30.8

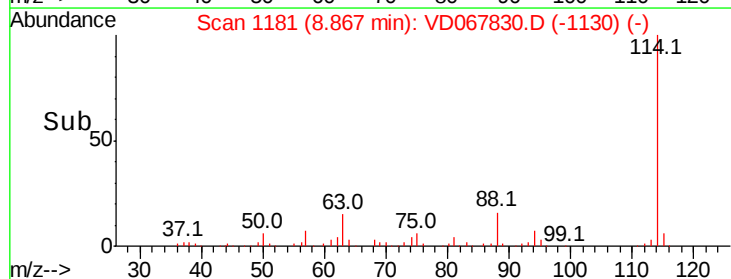
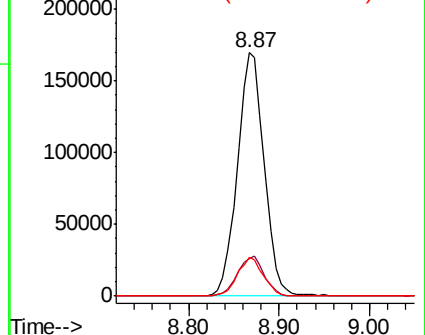
88 15.9 0.0 31.8

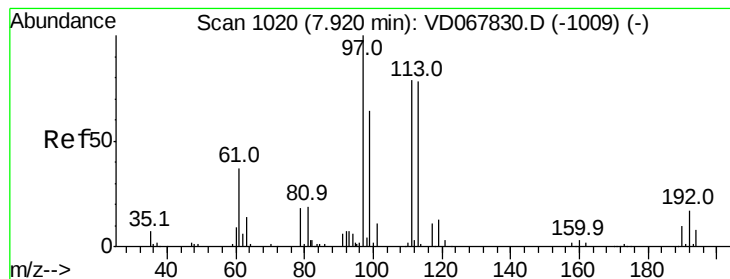


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 51.151 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

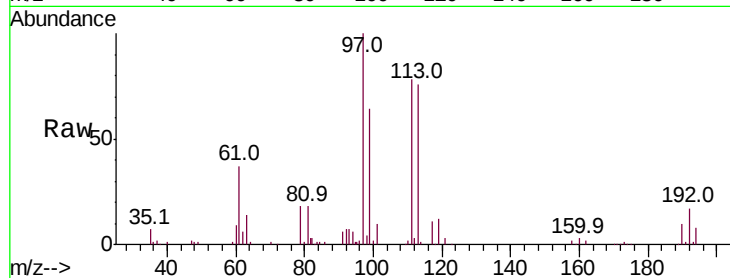
Tot Ion:113 Resp: 119376

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

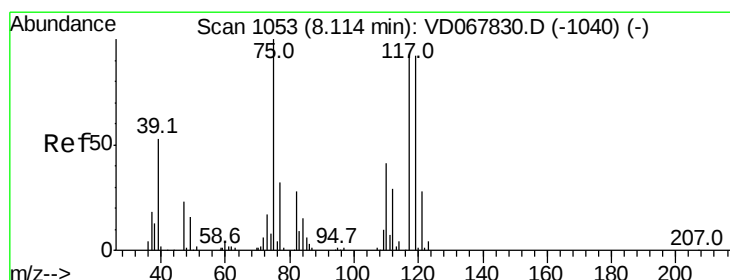
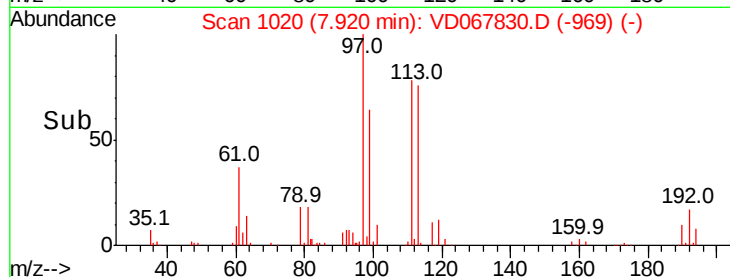
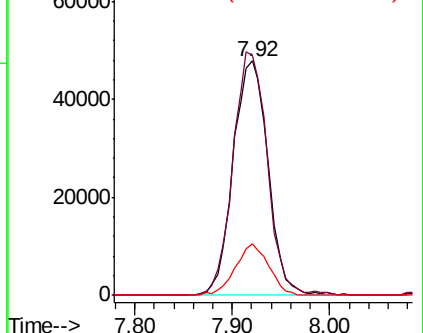
192 21.0 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.624 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

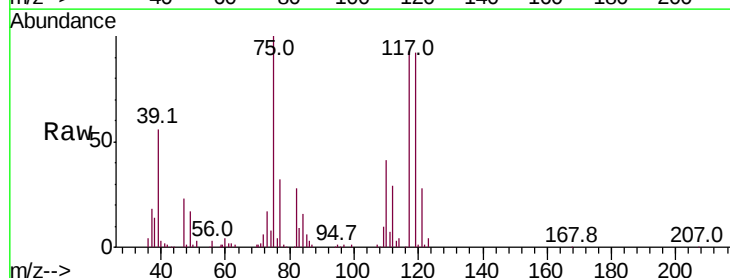
Tgt Ion: 75 Resp: 149831

Ion Ratio Lower Upper

75 100

110 40.7 20.3 61.0

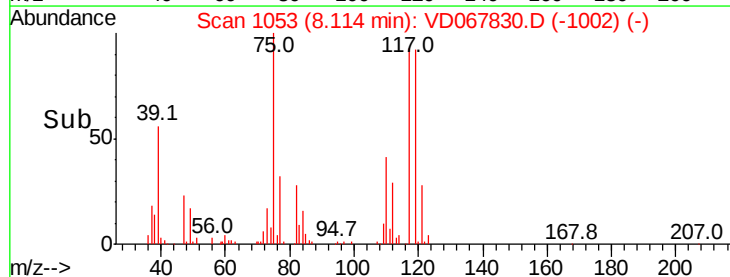
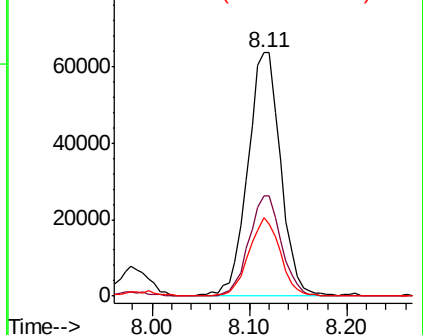
77 30.9 24.7 37.1

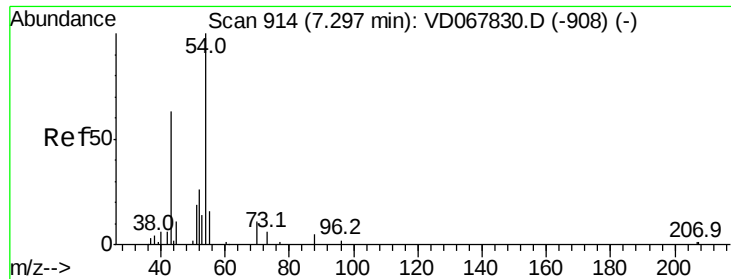


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 57.252 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

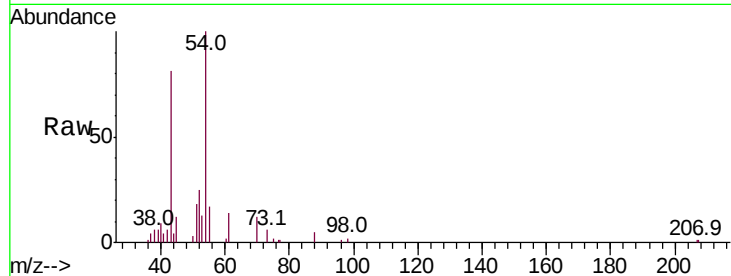
Tot Ion: 43 Resp: 40364

Ion Ratio Lower Upper

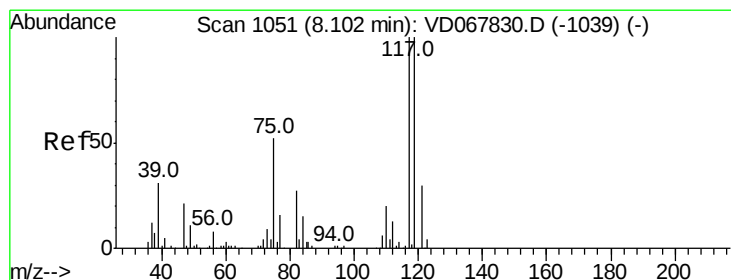
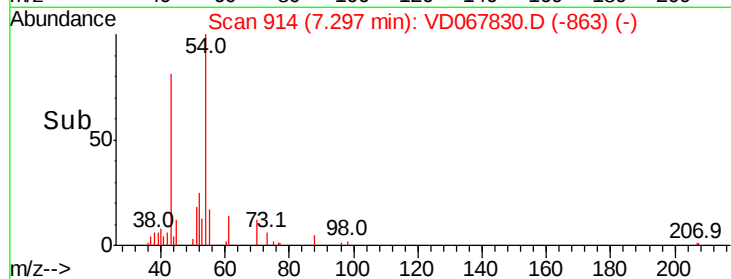
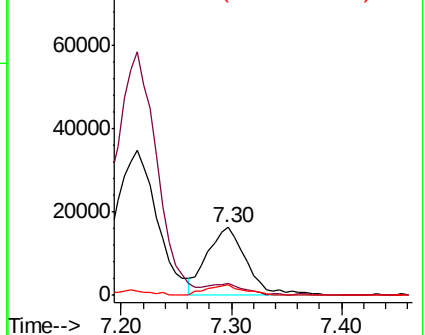
43 100

61 14.3 11.4 17.2

70 14.4 11.5 17.3



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: 48.302 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

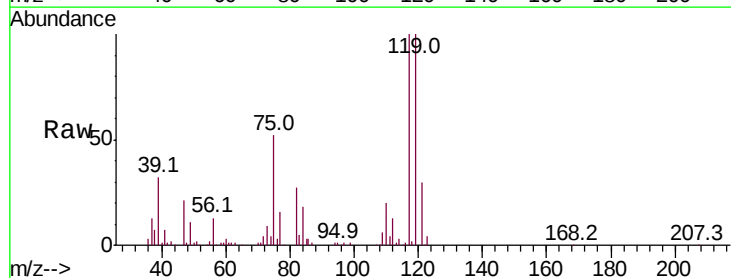
Tgt Ion: 117 Resp: 220658

Ion Ratio Lower Upper

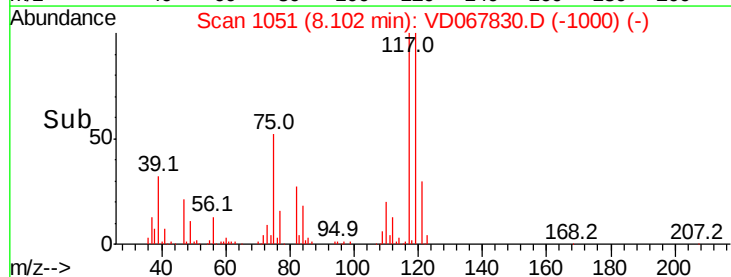
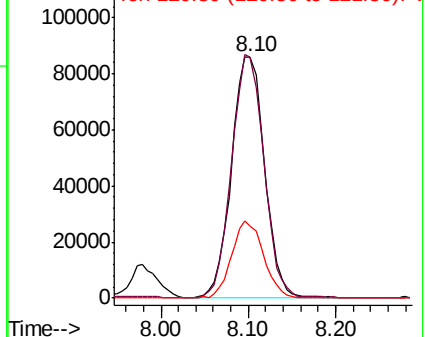
117 100

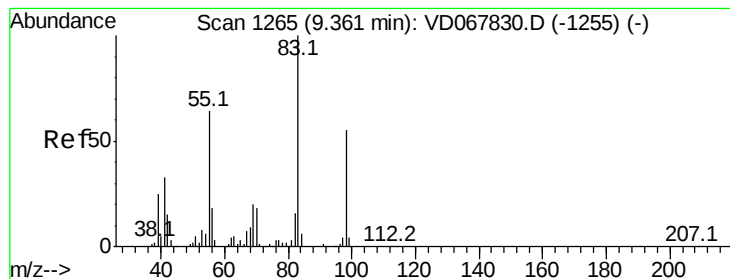
119 99.6 79.7 119.5

121 29.7 23.8 35.6



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: 49.566 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

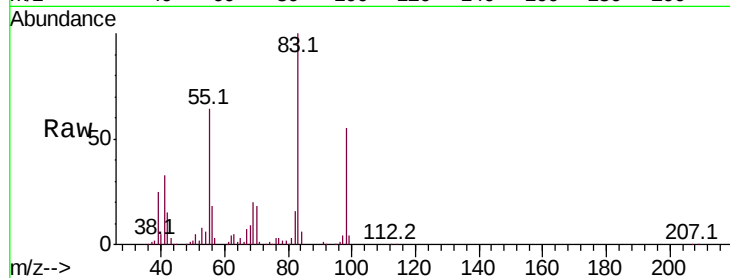
Tot Ion: 83 Resp: 177349

Ion Ratio Lower Upper

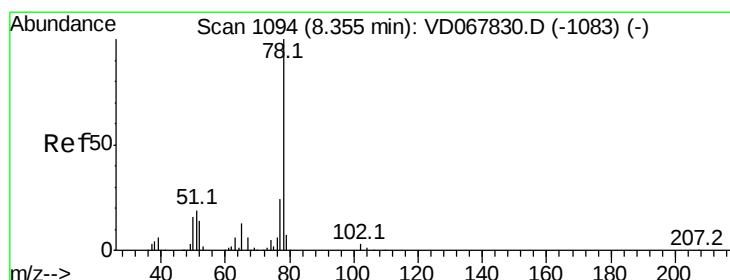
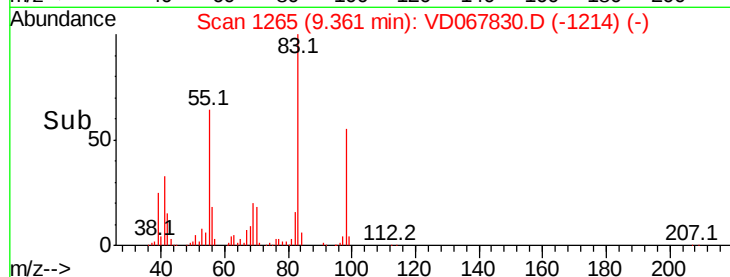
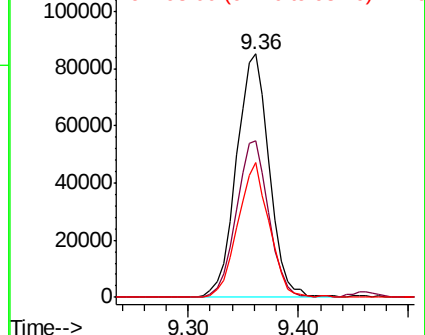
83 100

55 64.5 51.6 77.4

98 55.4 44.3 66.5



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: 49.082 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD067830.D

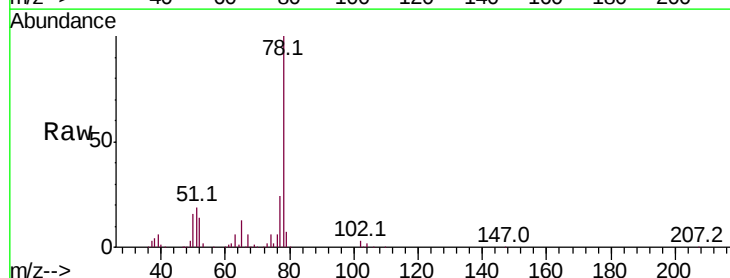
Acq: 01 Dec 2020 11:55

Tgt Ion: 78 Resp: 405500

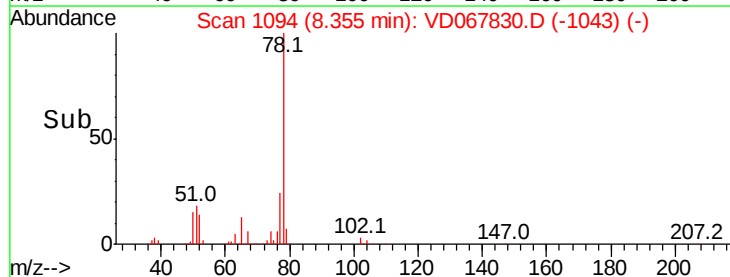
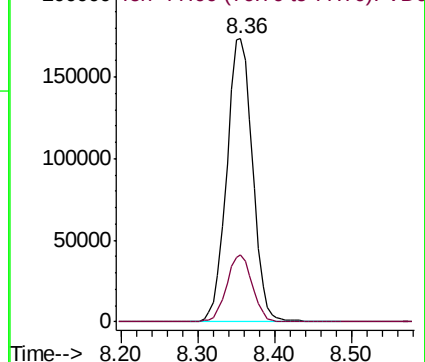
Ion Ratio Lower Upper

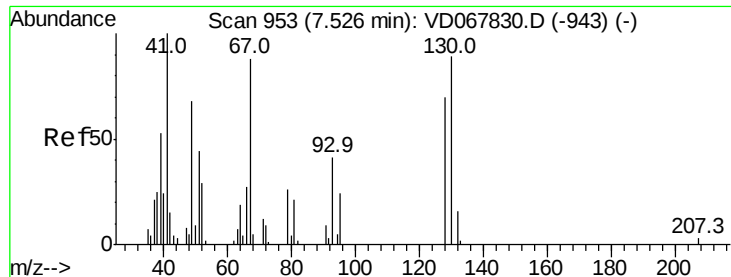
78 100

77 23.9 19.1 28.7



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





#41

Methacrylonitrile

Concen: 57.660 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 22813

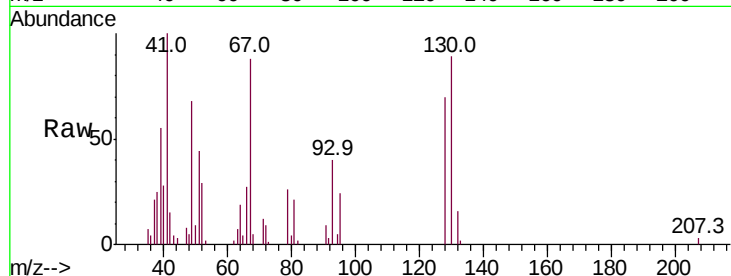
Ion Ratio Lower Upper

41 100

39 52.6 42.1 63.1

67 103.0 82.4 123.6

52 38.2 30.6 45.8

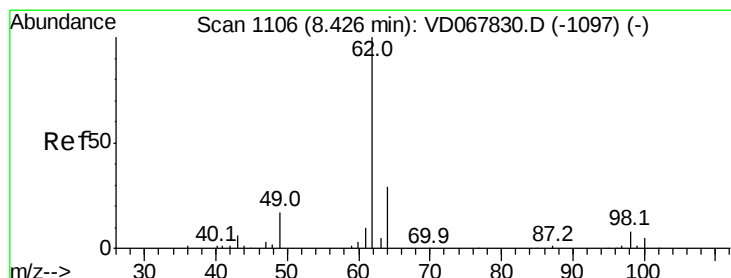
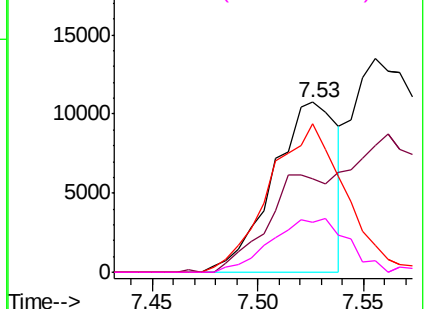
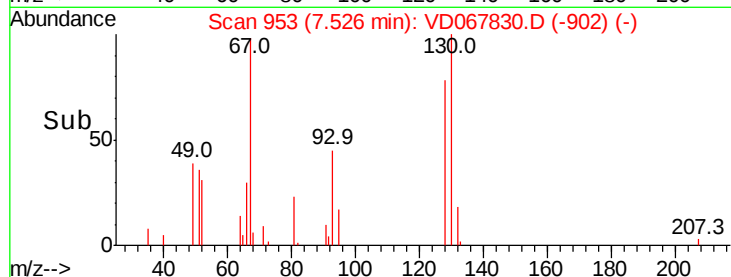


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 50.650 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067830.D

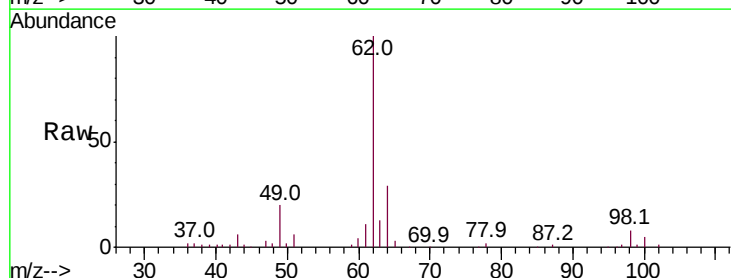
Acq: 01 Dec 2020 11:55

Tgt Ion: 62 Resp: 149139

Ion Ratio Lower Upper

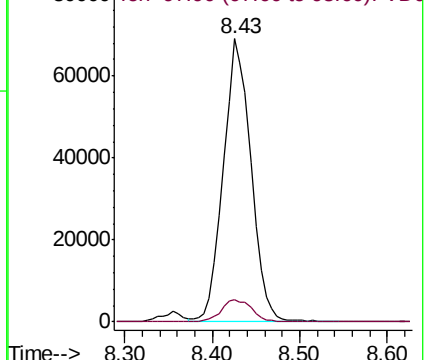
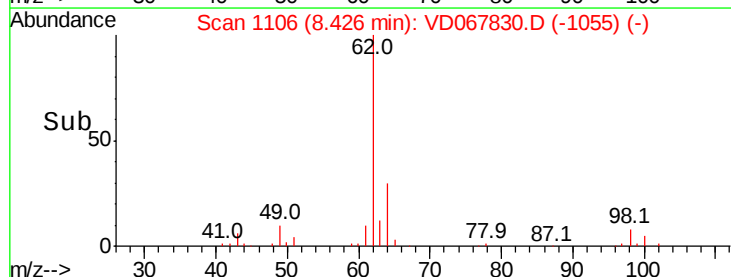
62 100

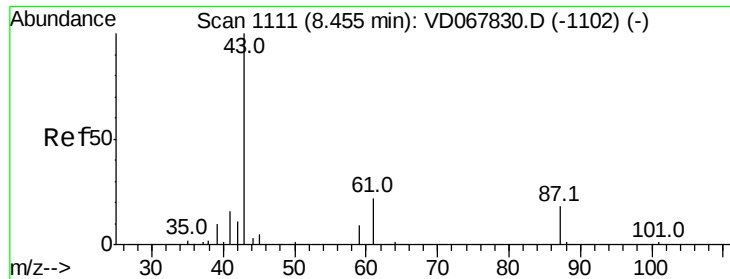
98 8.6 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 51.155 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

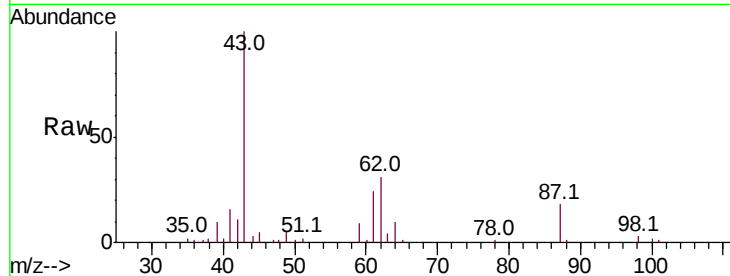
Tot Ion: 43 Resp: 81906

Ion Ratio Lower Upper

43 100

61 38.0 30.4 45.6

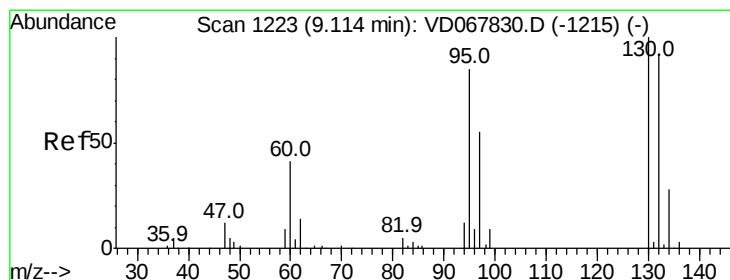
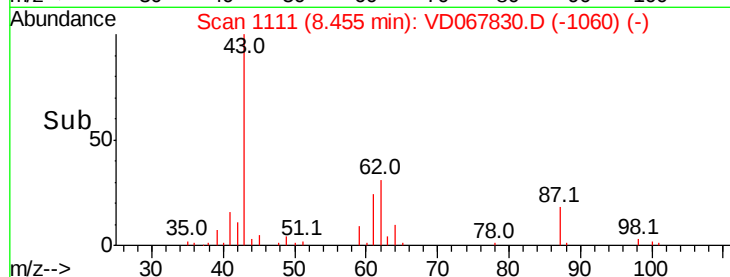
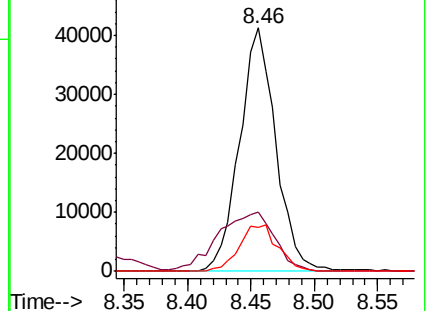
87 20.2 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 48.580 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067830.D

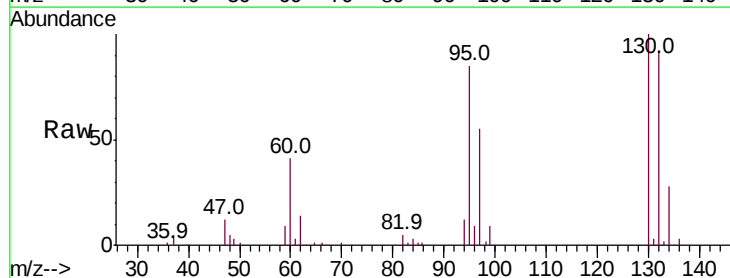
Acq: 01 Dec 2020 11:55

Tgt Ion:130 Resp: 137991

Ion Ratio Lower Upper

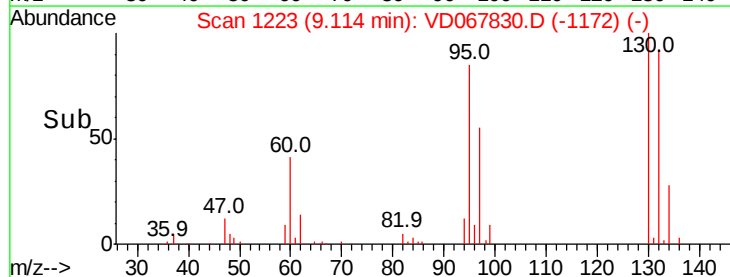
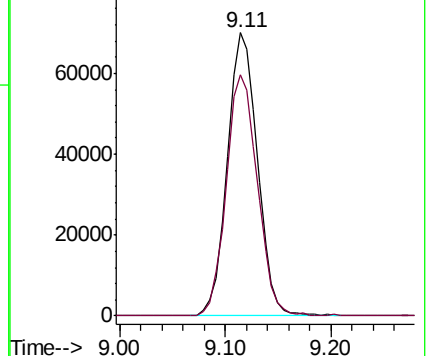
130 100

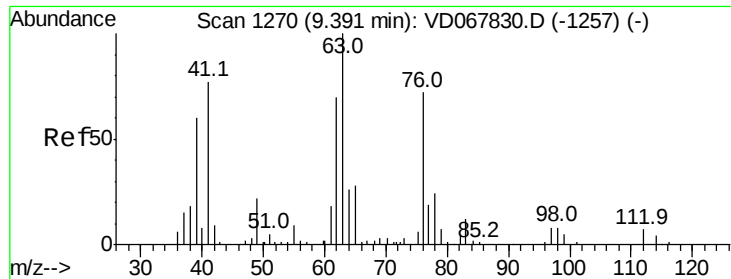
95 85.1 0.0 170.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 48.261 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

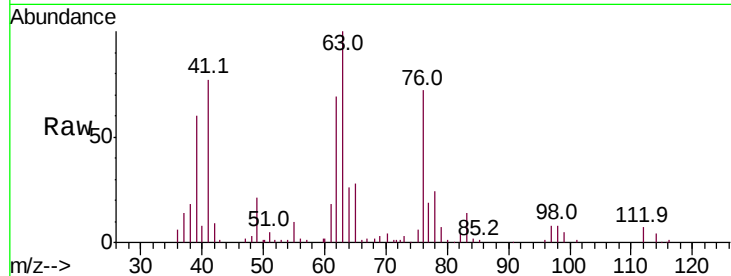
VSTDICCC050

Tot Ion: 63 Resp: 81834

Ion Ratio Lower Upper

63 100

65 28.5 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

40000

30000

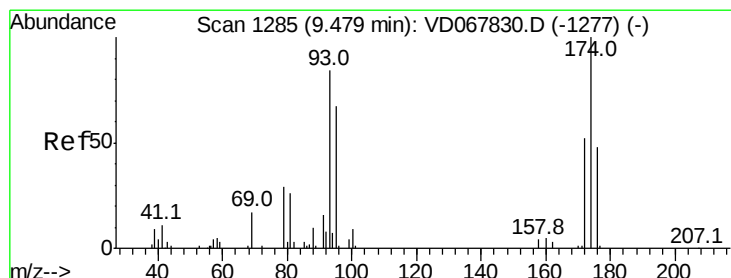
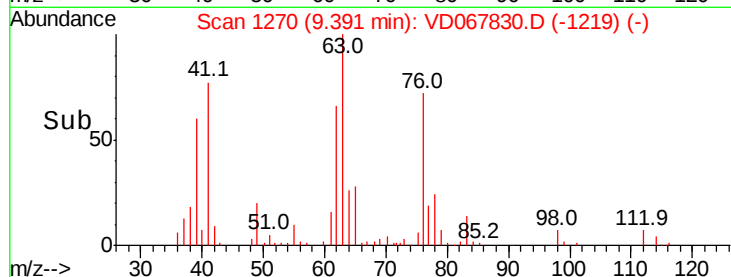
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 50.137 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

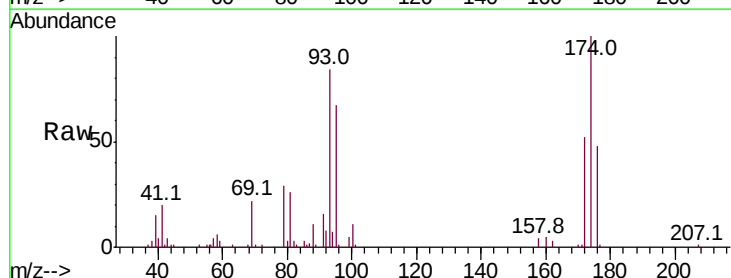
Tgt Ion: 93 Resp: 59109

Ion Ratio Lower Upper

93 100

95 80.3 64.2 96.4

174 114.4 91.5 137.3



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

9.48

40000

30000

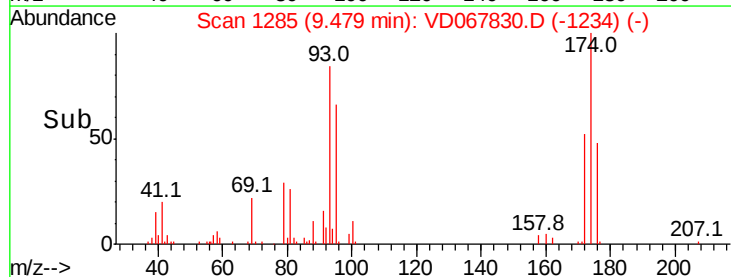
20000

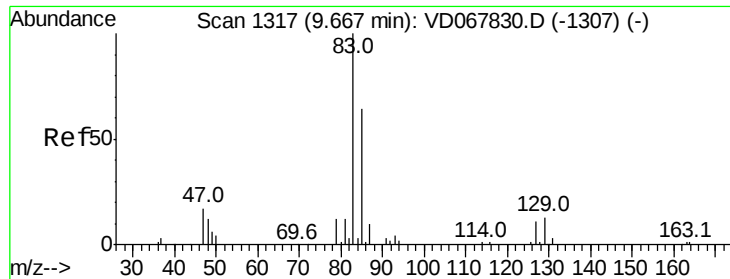
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 48.232 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

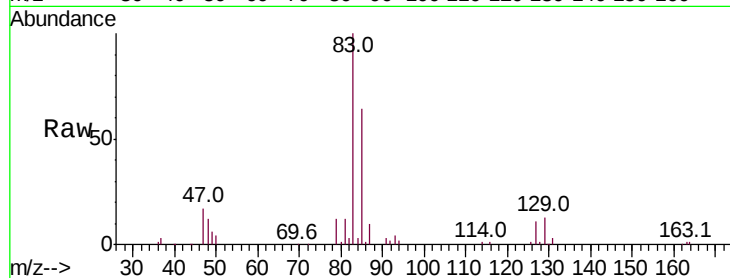
Tot Ion: 83 Resp: 162110

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

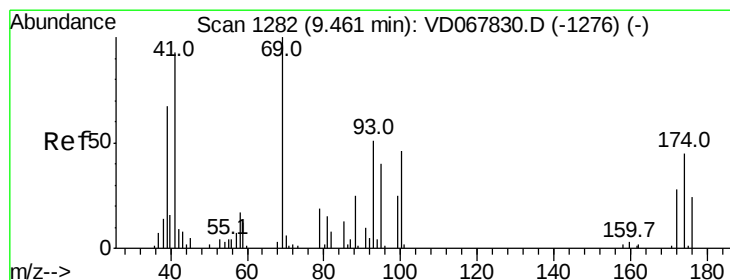
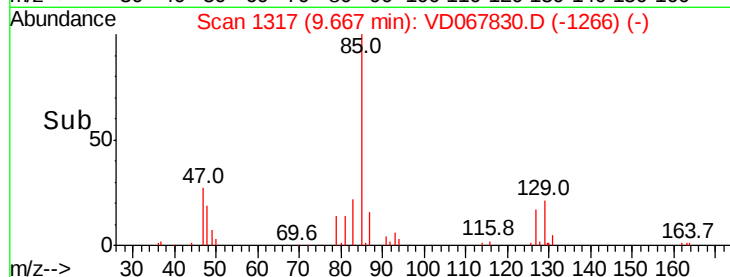
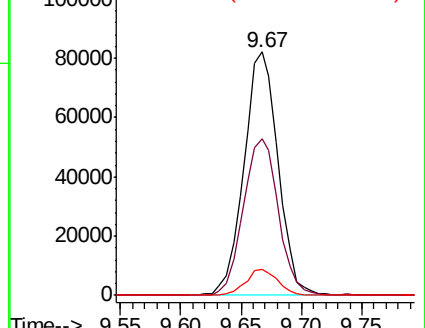
127 10.6 8.5 12.7



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: 49.978 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

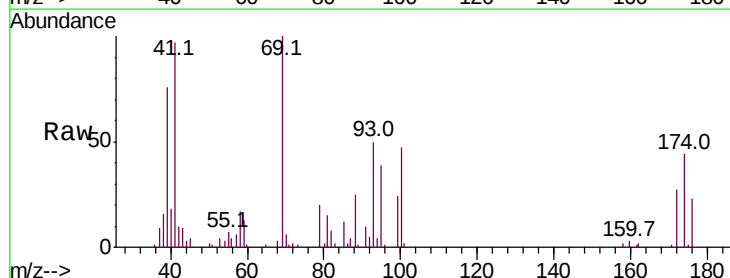
Tgt Ion: 41 Resp: 40634

Ion Ratio Lower Upper

41 100

69 109.5 87.6 131.4

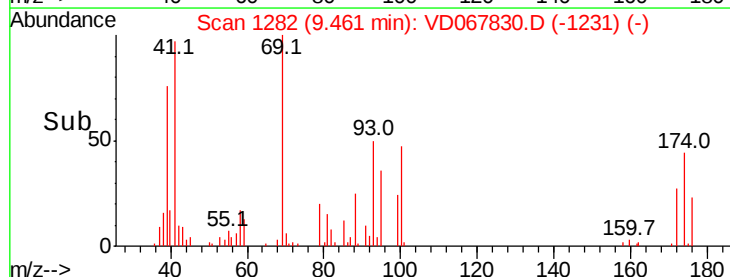
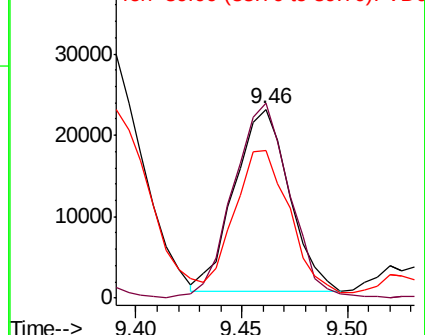
39 76.5 61.2 91.8

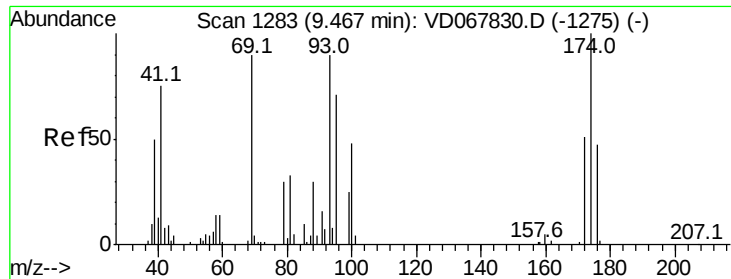


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 977.261 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

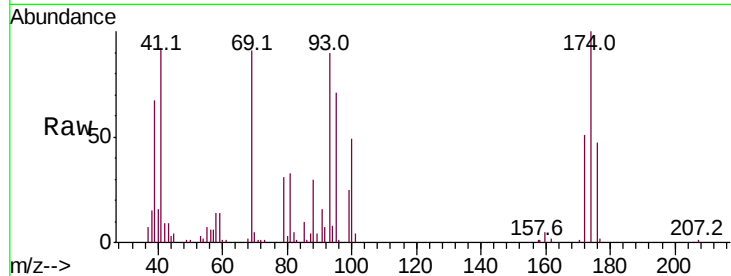
Tot Ion: 88 Resp: 13165

Ion Ratio Lower Upper

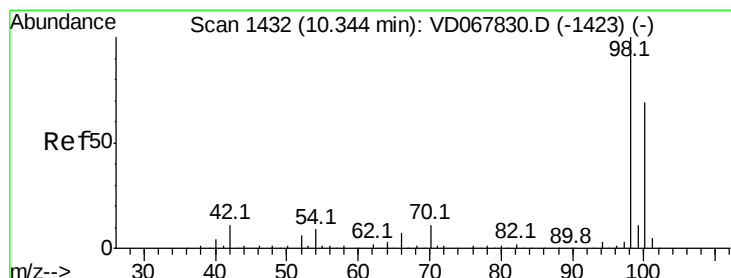
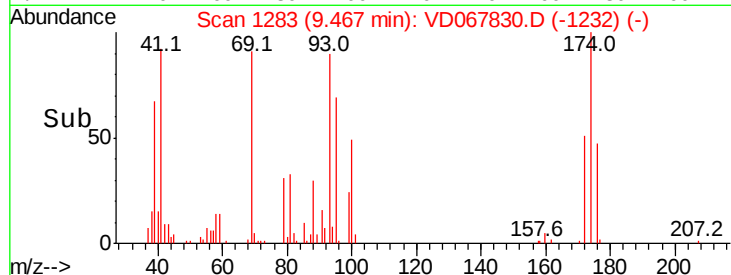
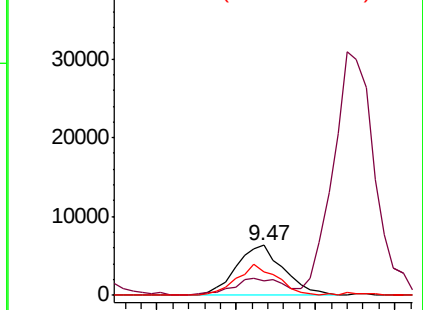
88 100

43 37.6 30.1 45.1

58 53.0 42.4 63.6



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



#50

Toluene-d8

Concen: 50.706 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067830.D

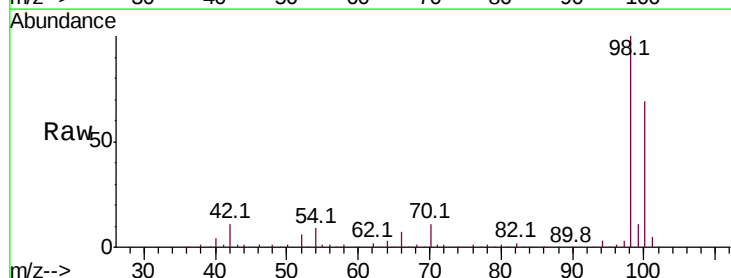
Acq: 01 Dec 2020 11:55

Tgt Ion: 98 Resp: 425996

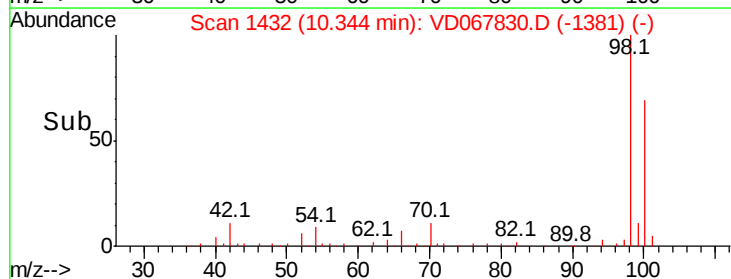
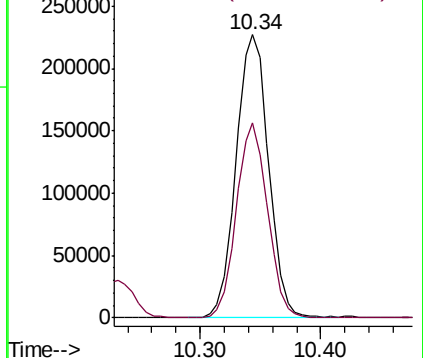
Ion Ratio Lower Upper

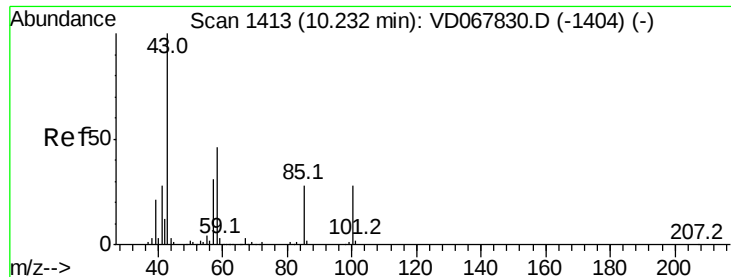
98 100

100 66.1 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 257.504 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

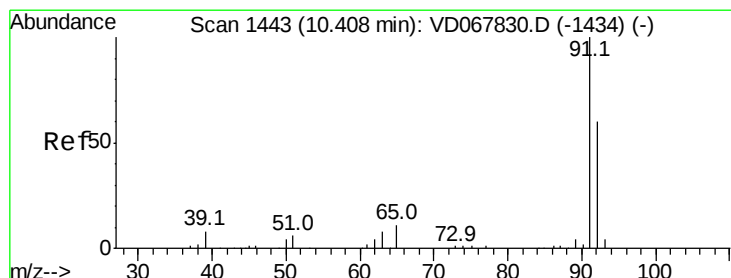
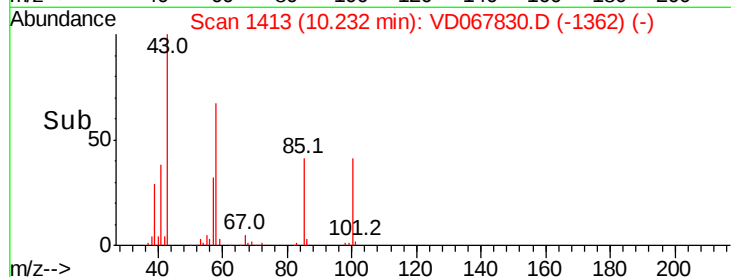
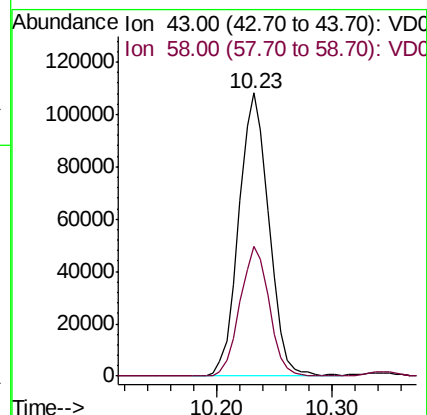
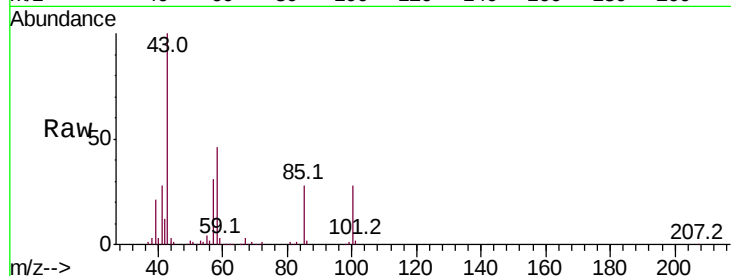
VSTDICCC050

Tot Ion: 43 Resp: 195137

Ion Ratio Lower Upper

43 100

58 44.6 35.7 53.5



#52

Toluene

Concen: 49.558 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067830.D

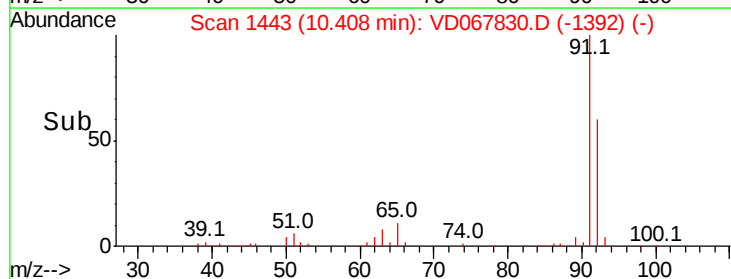
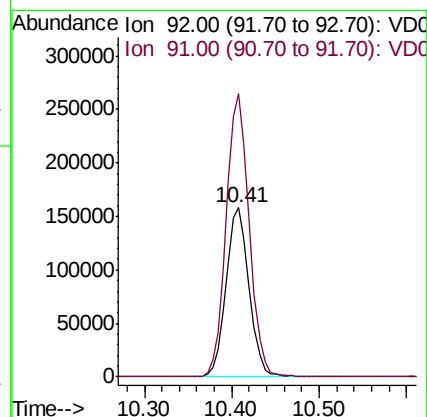
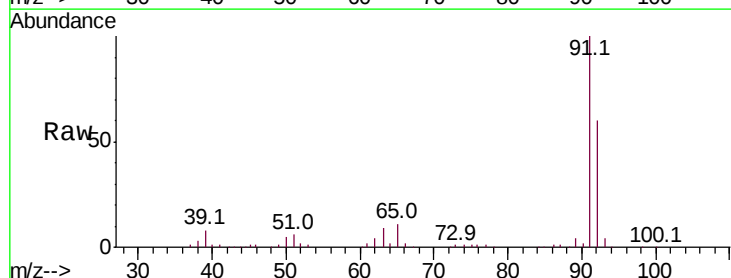
Acq: 01 Dec 2020 11:55

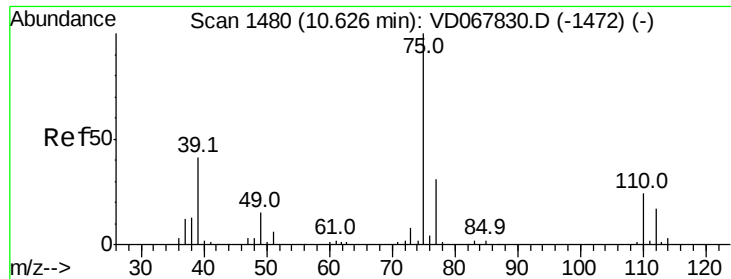
Tgt Ion: 92 Resp: 286255

Ion Ratio Lower Upper

92 100

91 167.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 50.078 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

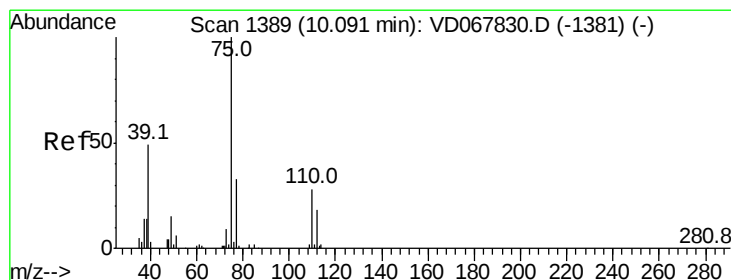
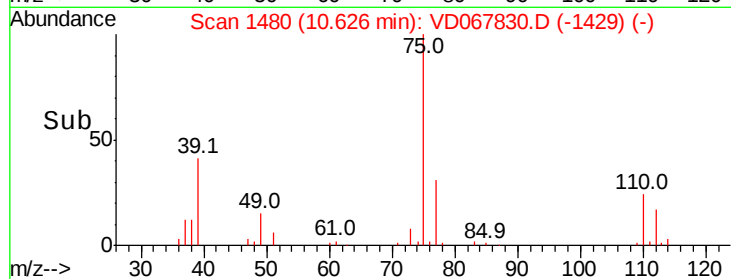
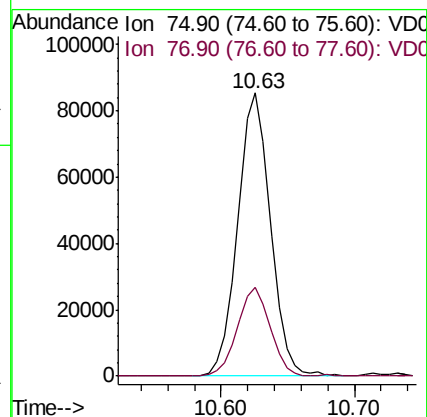
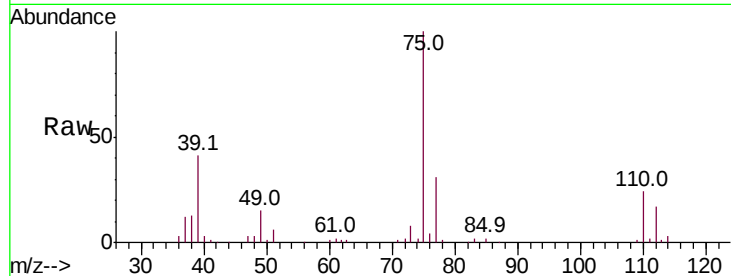
VSTDICCC050

Tot Ion: 75 Resp: 145274

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 49.705 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

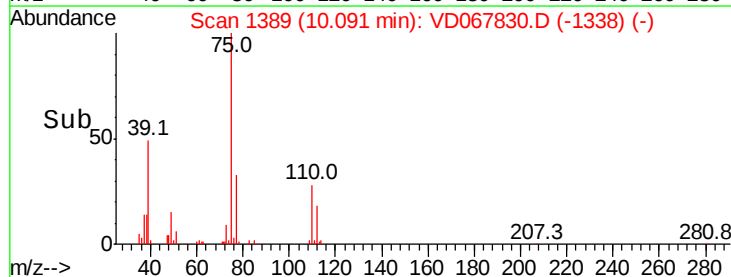
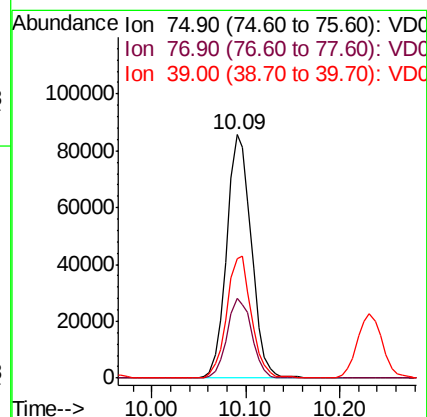
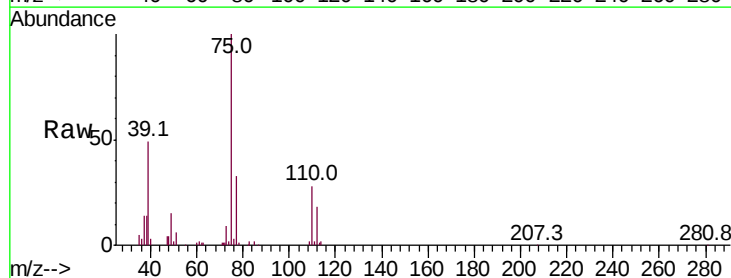
Tgt Ion: 75 Resp: 156842

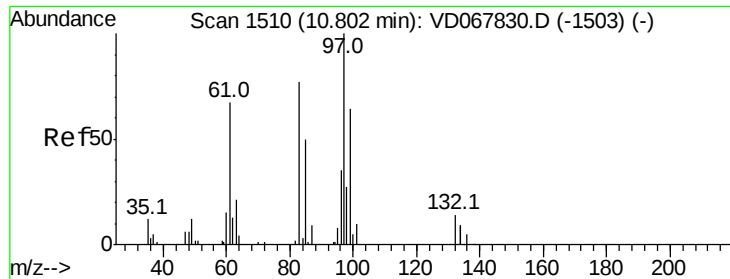
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

39 48.7 39.0 58.4

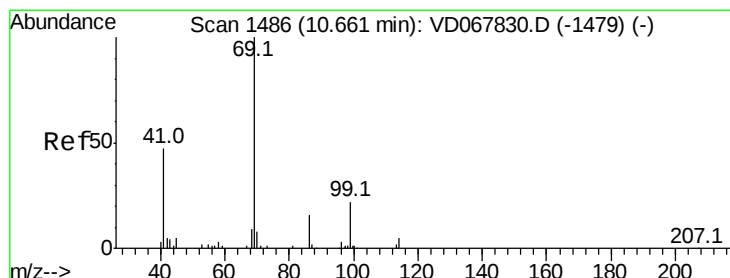
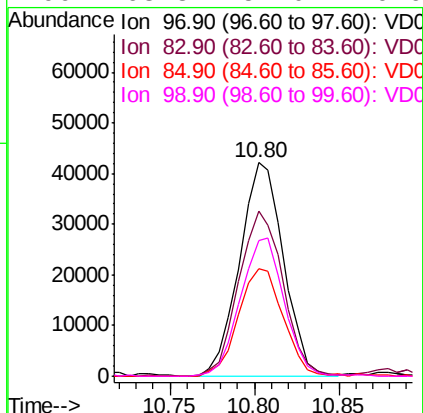
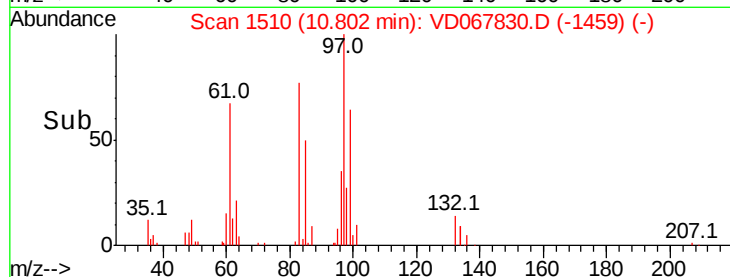
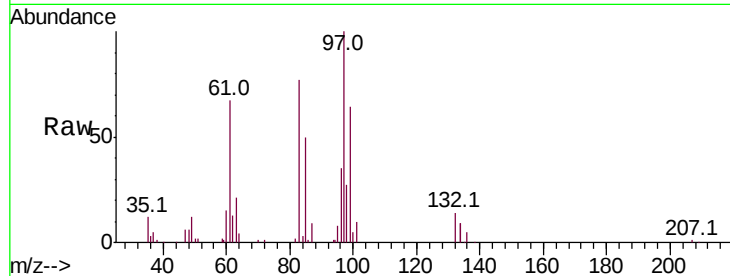




#55
 1,1,2-Trichloroethane
 Concen: 47.380 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

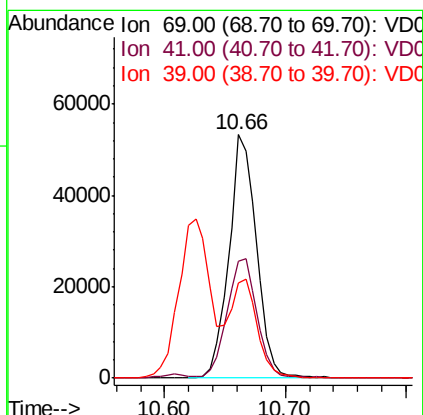
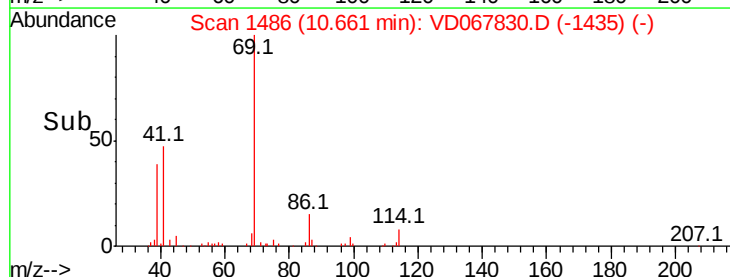
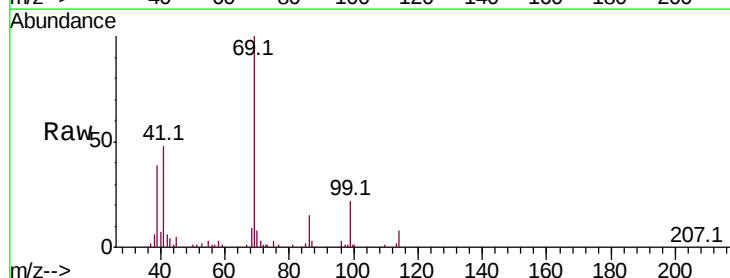
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

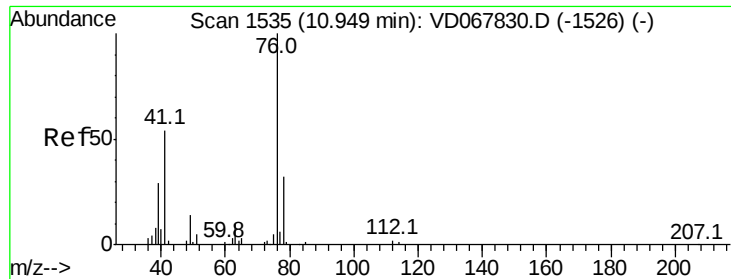
Tot Ion:	97	Resp:	76444
Ion	Ratio	Lower	Upper
97	100		
83	77.4	61.9	92.9
85	50.3	40.2	60.4
99	63.8	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 51.598 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Tgt Ion:	69	Resp:	84701
Ion	Ratio	Lower	Upper
69	100		
41	53.5	42.8	64.2
39	38.1	30.5	45.7

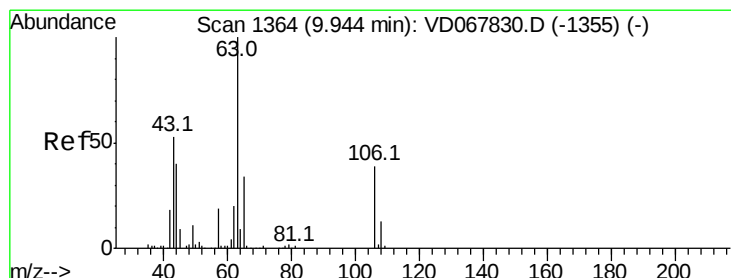
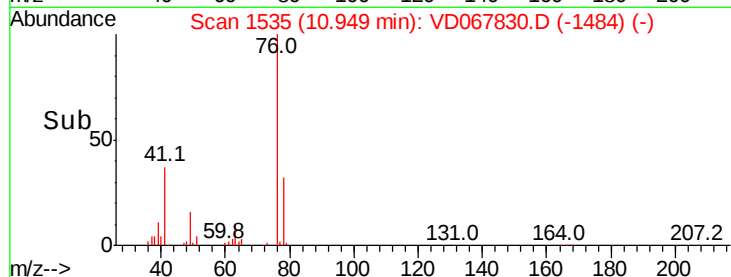
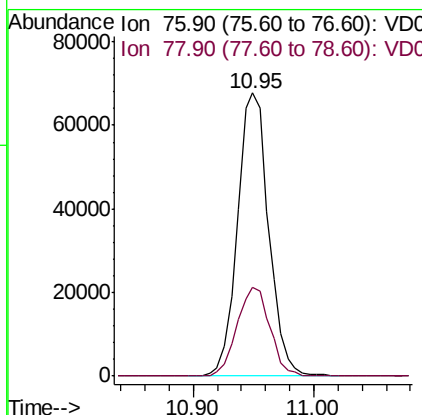
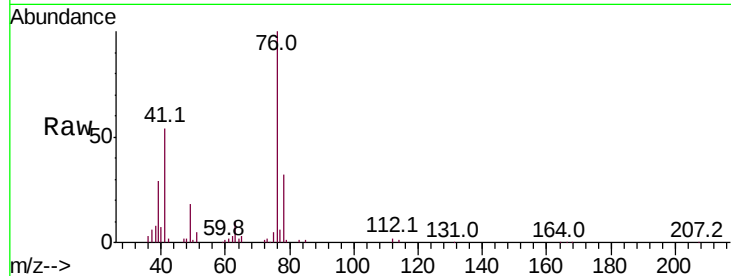




#57
 1,3-Dichloropropane
 Concen: 47.776 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

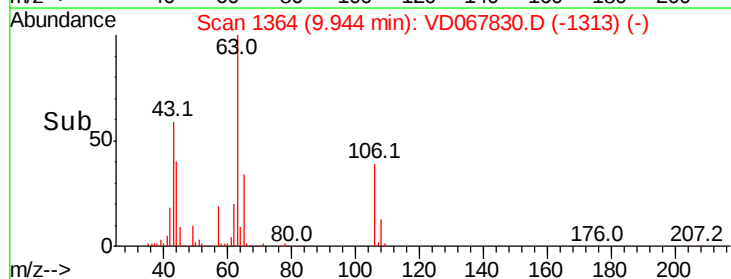
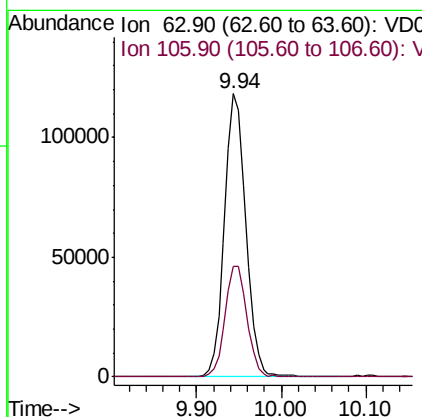
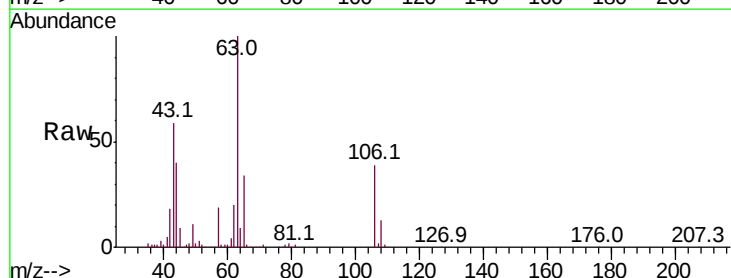
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

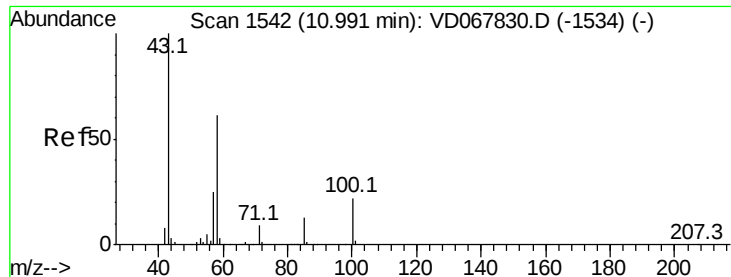
Tot Ion: 76 Resp: 122102
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.6 39.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.544 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Tgt Ion: 63 Resp: 206569
 Ion Ratio Lower Upper
 63 100
 106 40.0 32.0 48.0





#59

2-Hexanone

Concen: 266.952 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

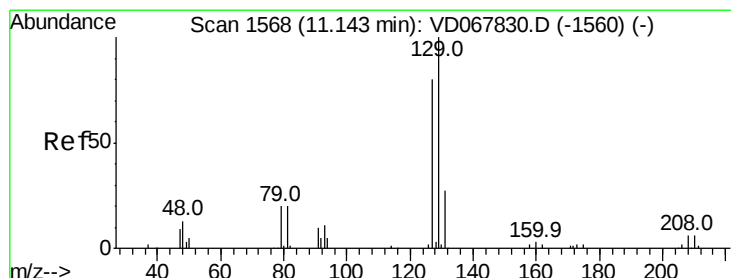
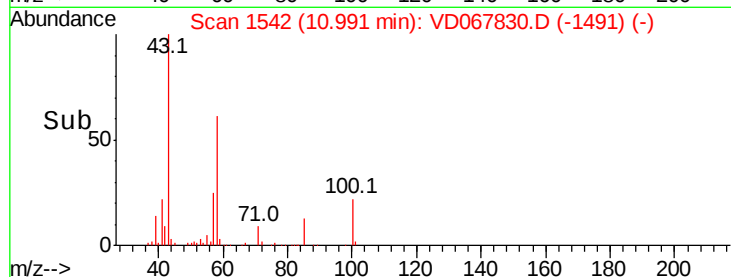
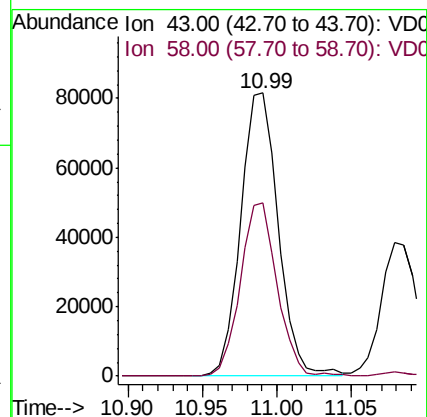
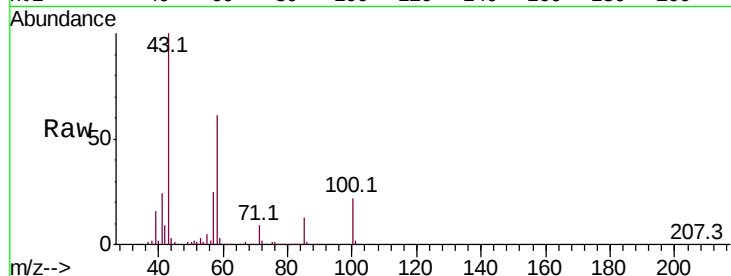
VSTDICCC050

Tot Ion: 43 Resp: 142608

Ion Ratio Lower Upper

43 100

58 59.8 29.9 89.7



#60

Dibromochloromethane

Concen: 48.097 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VD067830.D

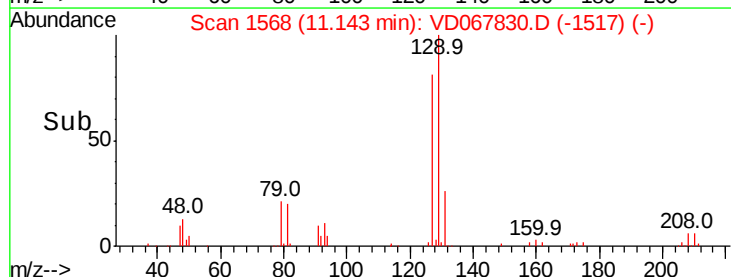
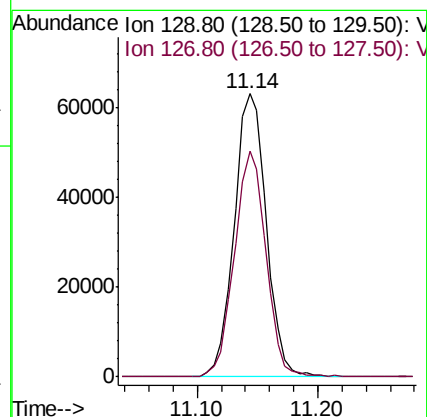
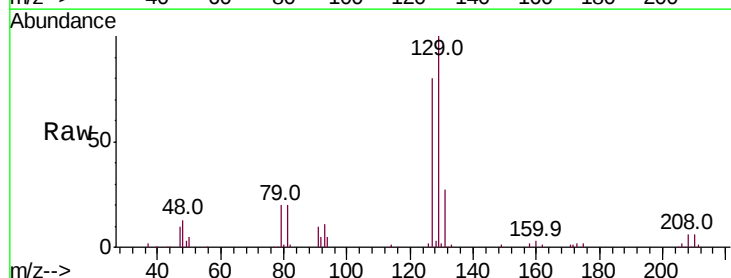
Acq: 01 Dec 2020 11:55

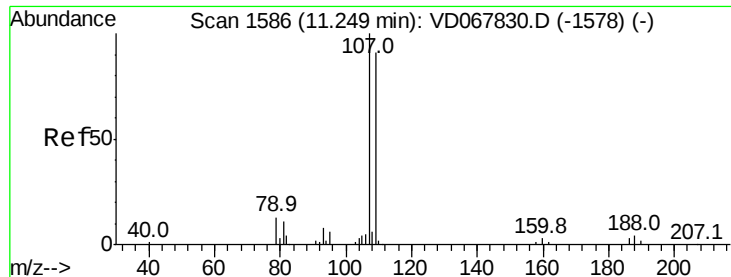
Tgt Ion: 129 Resp: 116975

Ion Ratio Lower Upper

129 100

127 78.4 39.2 117.6

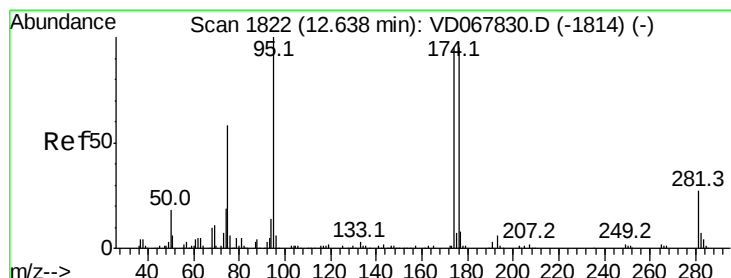
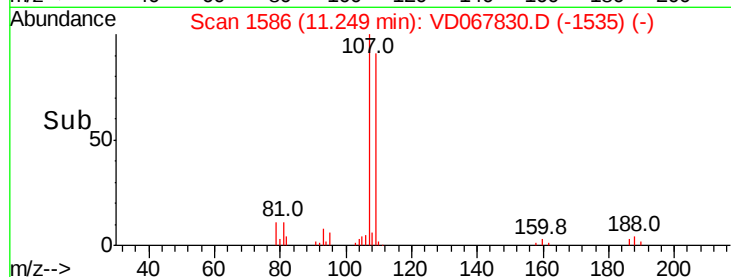
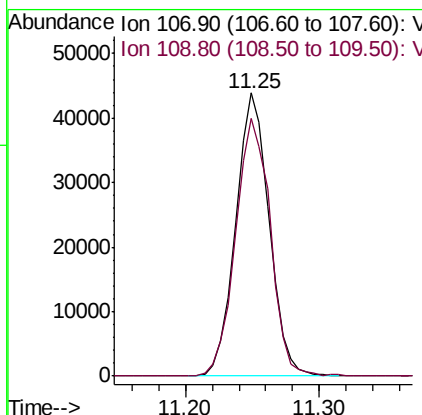
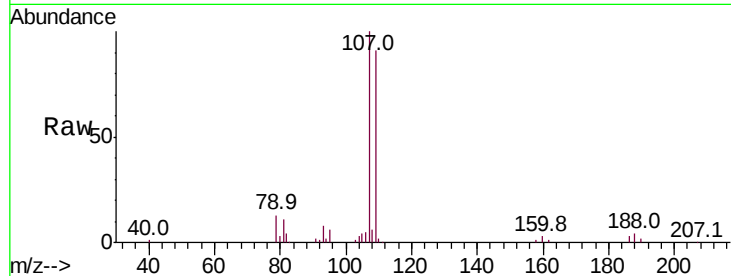




#61
 1,2-Dibromoethane
 Concen: 47.888 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

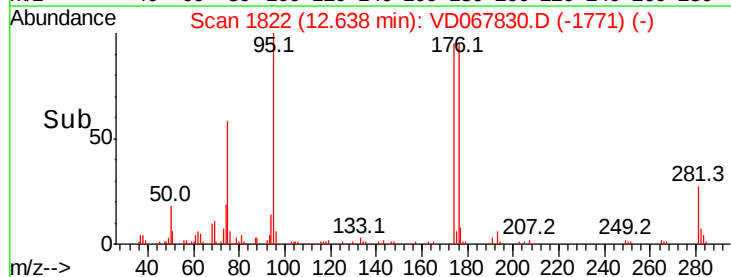
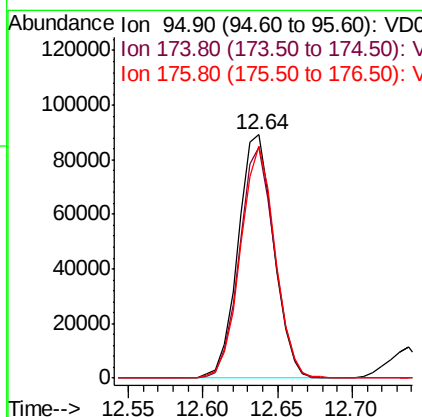
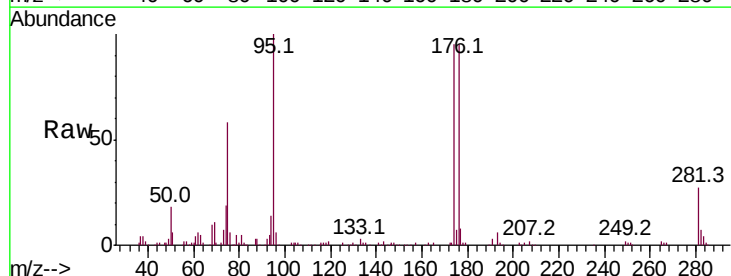
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

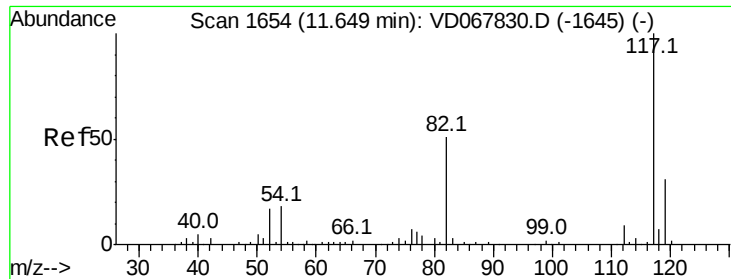
Tot Ion:107 Resp: 75979
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.780 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Tgt Ion: 95 Resp: 147492
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 186.0
 176 92.1 0.0 184.2

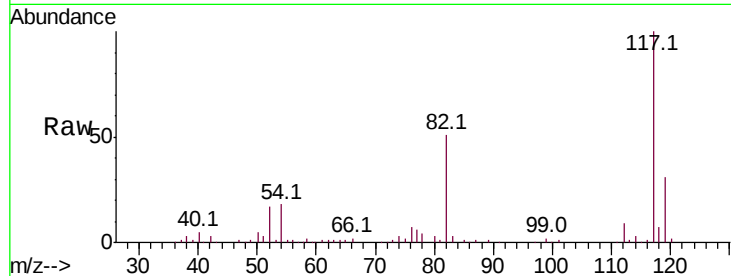




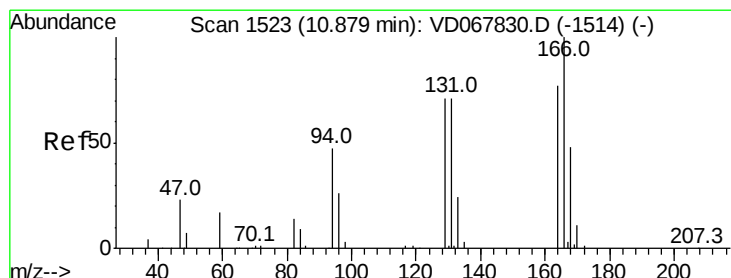
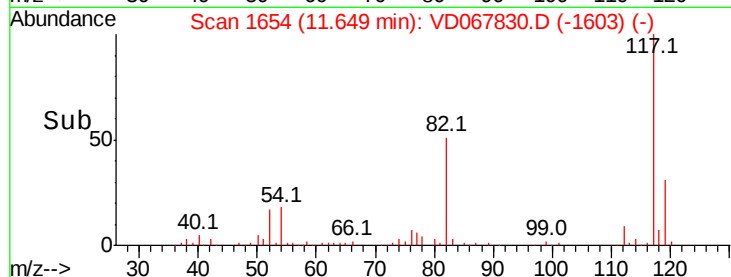
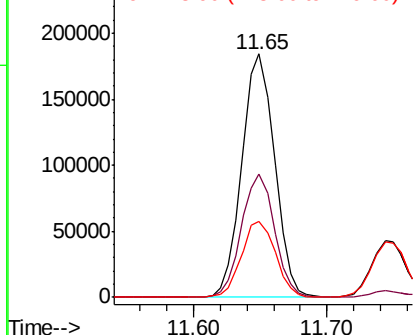
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 313620
Ion Ratio Lower Upper
117 100
82 50.7 40.6 60.8
119 31.4 25.1 37.7

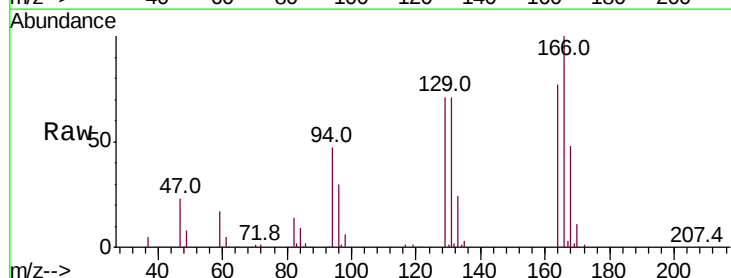


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

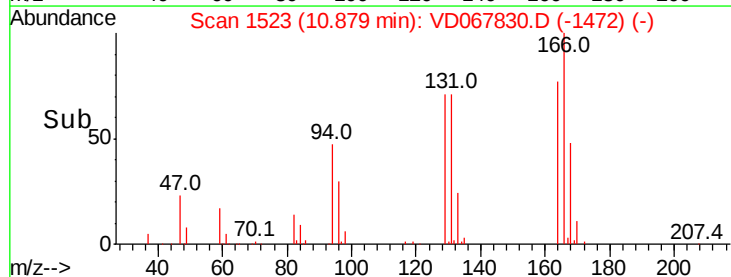
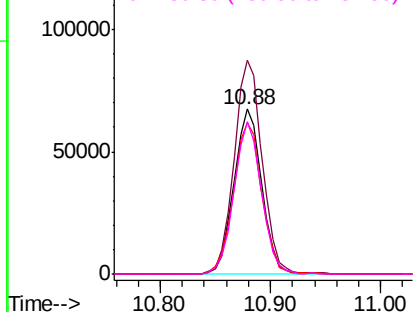


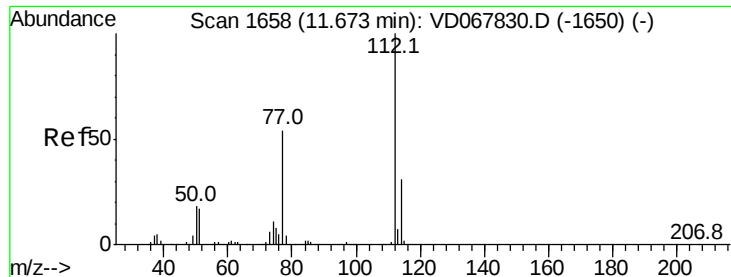
#64
Tetrachloroethene
Concen: 46.635 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Tgt Ion:164 Resp: 119299
Ion Ratio Lower Upper
164 100
166 129.7 103.8 155.6
129 91.6 73.3 109.9
131 92.6 74.1 111.1



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

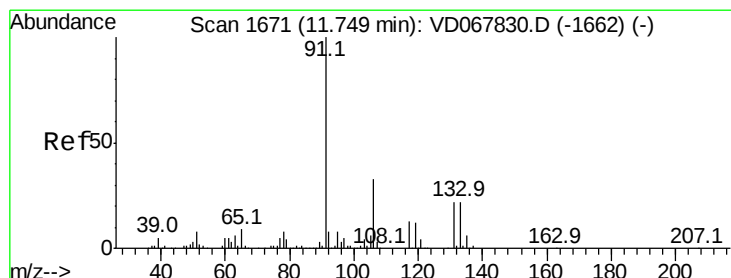
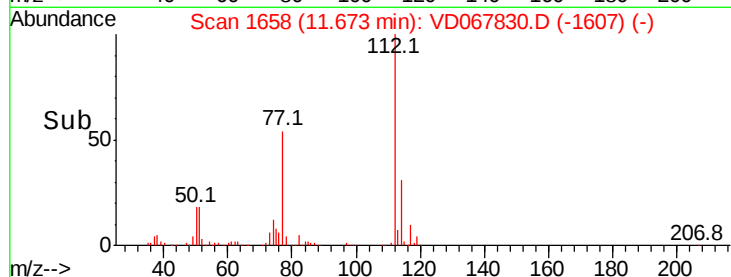
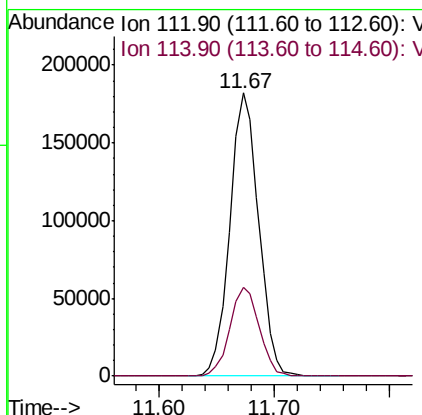
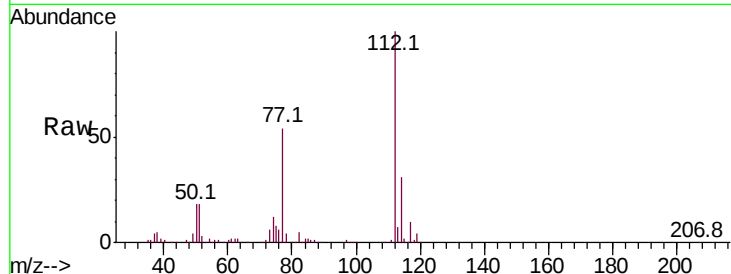




#65
Chlorobenzene
Concen: 48.469 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

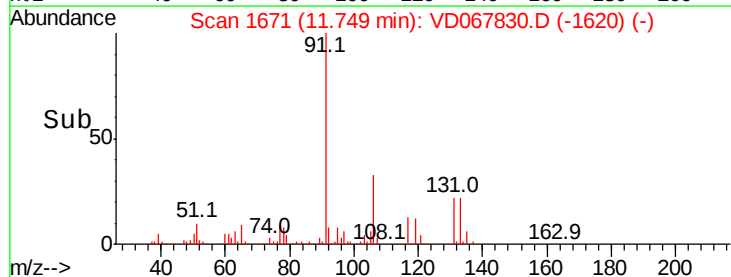
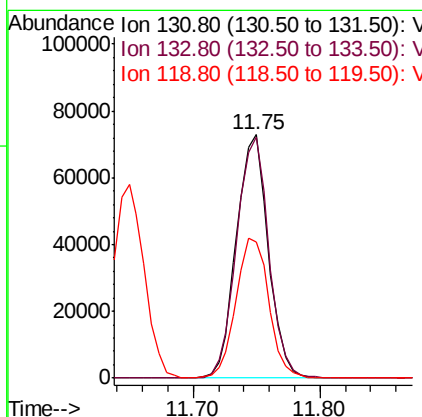
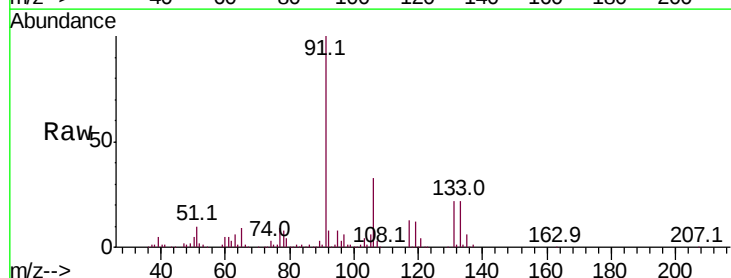
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

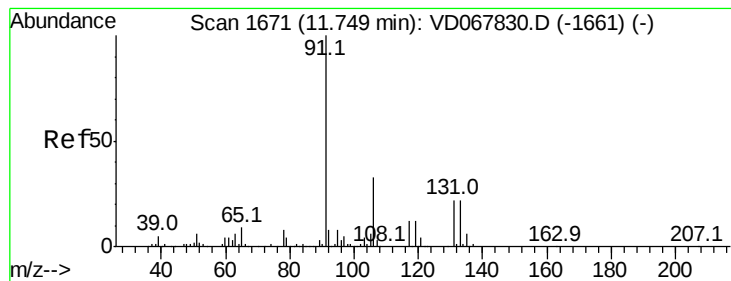
Tot Ion:112 Resp: 313651
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.197 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Tgt Ion:131 Resp: 127211
Ion Ratio Lower Upper
131 100
133 99.8 49.9 149.7
119 59.3 29.6 88.9





#67

Ethyl Benzene

Concen: 49.364 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

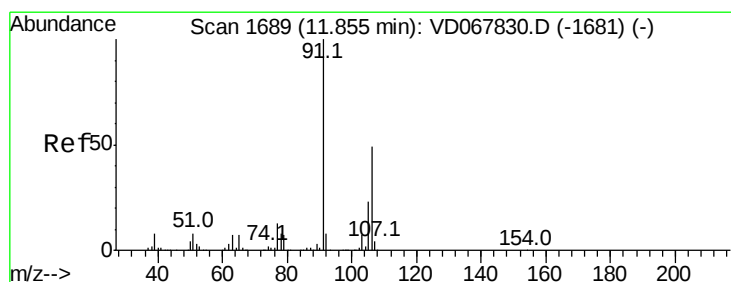
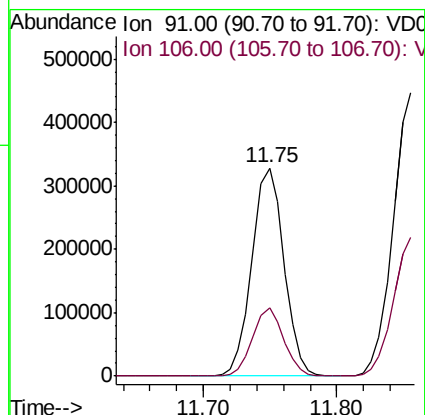
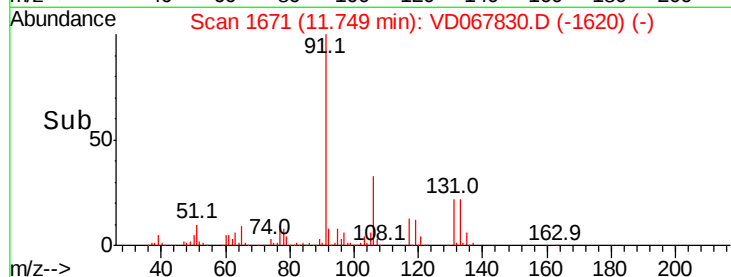
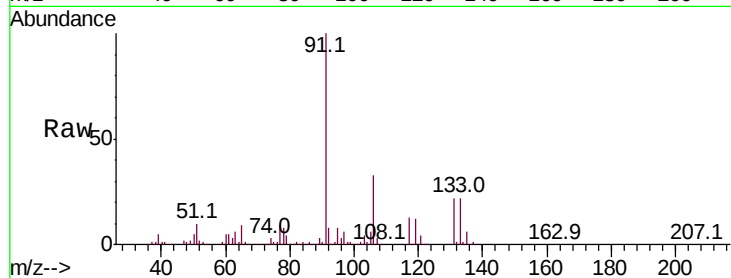
VSTDICCC050

Tot Ion: 91 Resp: 544170

Ion Ratio Lower Upper

91 100

106 32.7 26.2 39.2



#68

m/p-Xylenes

Concen: 98.146 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067830.D

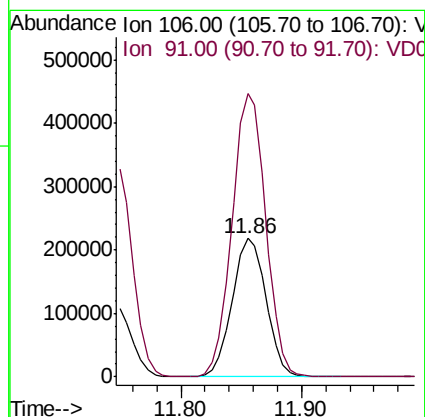
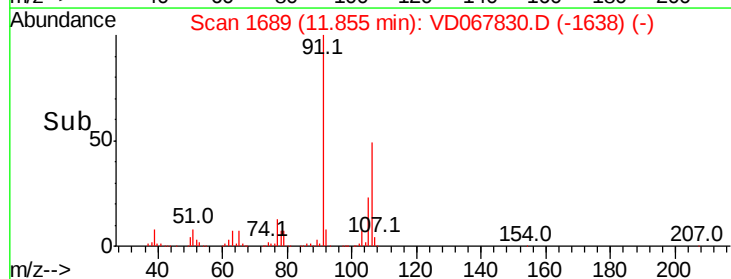
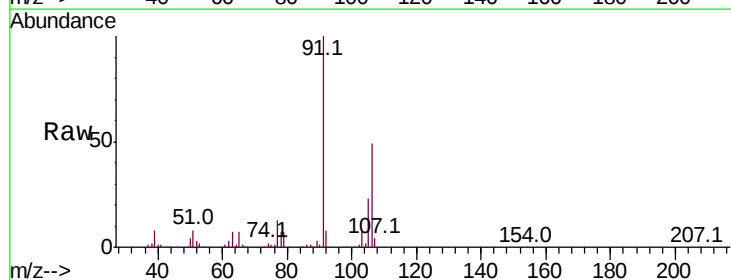
Acq: 01 Dec 2020 11:55

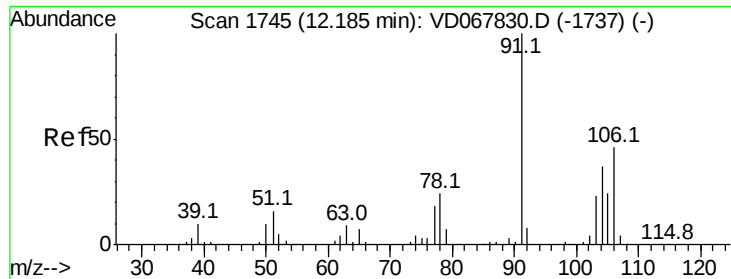
Tgt Ion: 106 Resp: 426615

Ion Ratio Lower Upper

106 100

91 203.5 162.8 244.2

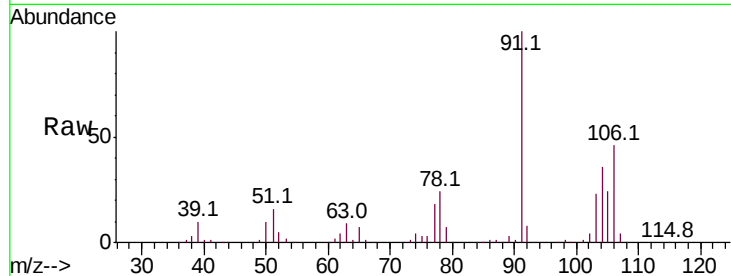




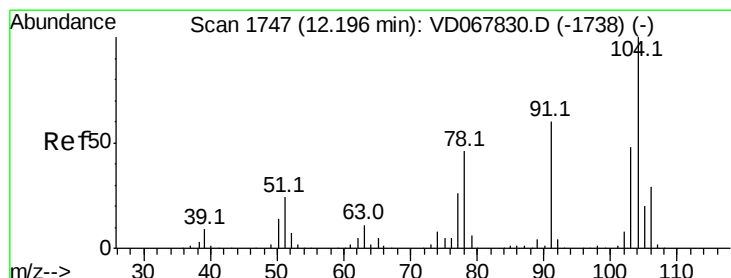
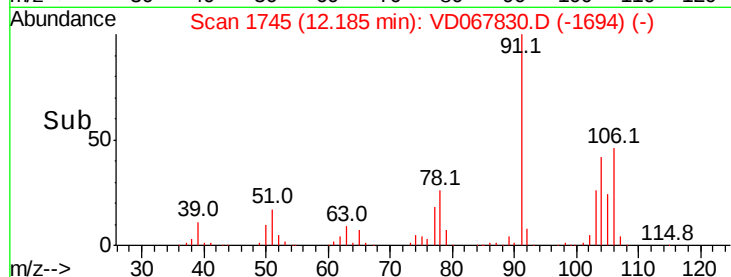
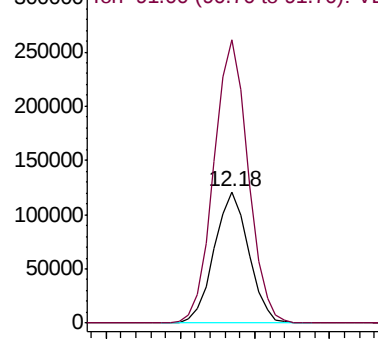
#69
o-Xylene
Concen: 50.259 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 193943
Ion Ratio Lower Upper
106 100
91 215.0 107.5 322.5

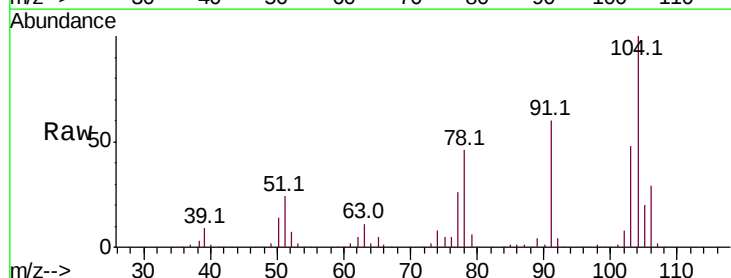


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

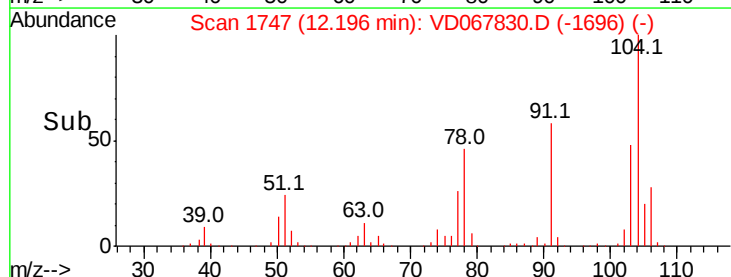
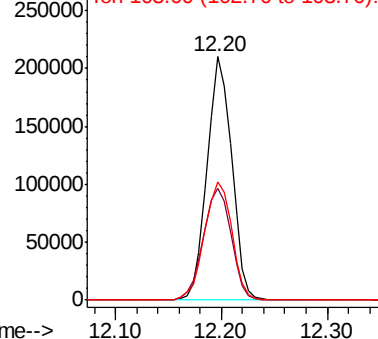


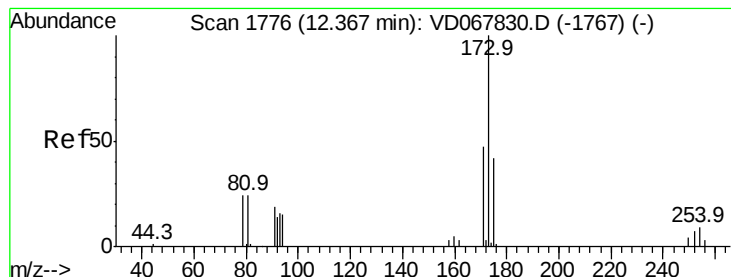
#70
Styrene
Concen: 50.510 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Tgt Ion:104 Resp: 338926
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 54.0 43.2 64.8



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: 51.527 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

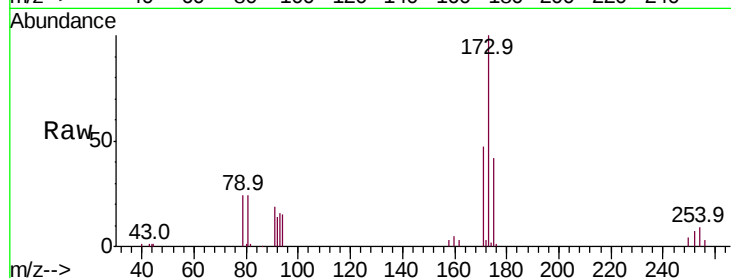
Tot Ion:173 Resp: 71990

Ion Ratio Lower Upper

173 100

175 46.9 23.4 70.3

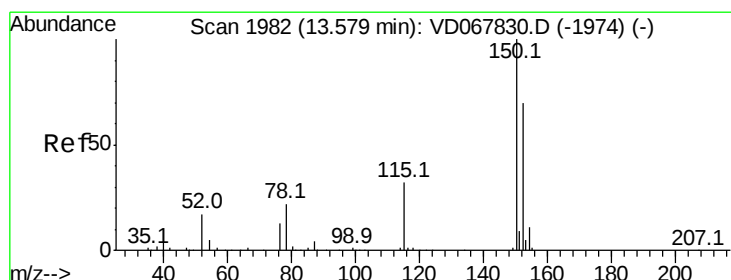
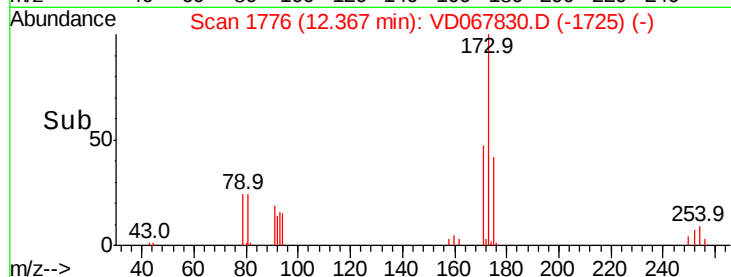
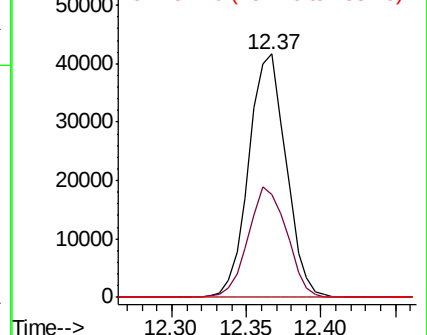
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

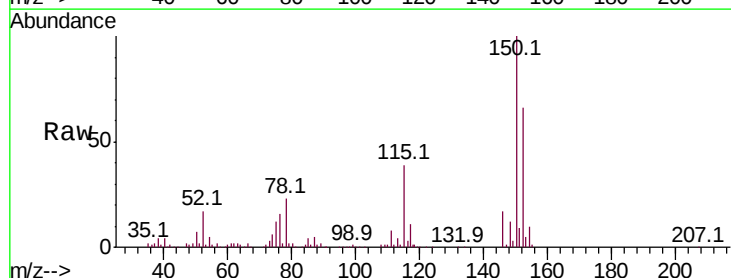
Tgt Ion:152 Resp: 161242

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.4

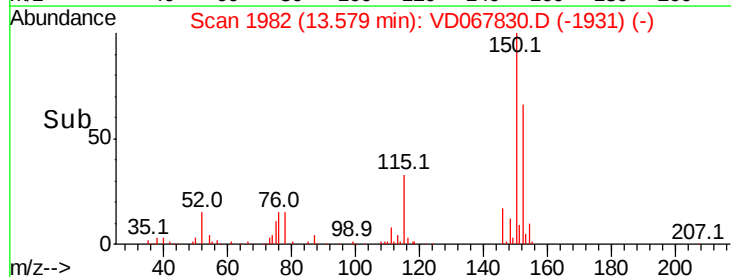
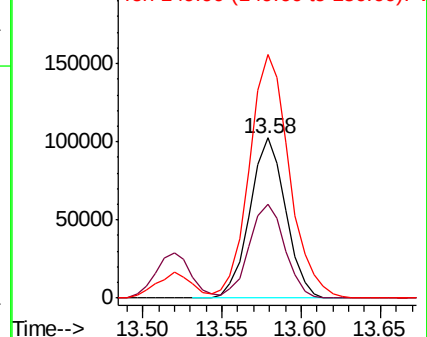
150 169.5 0.0 339.0

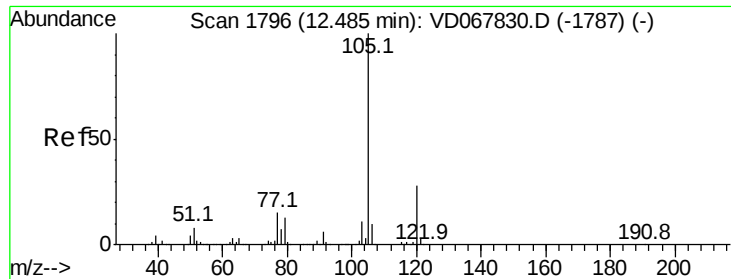


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.788 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

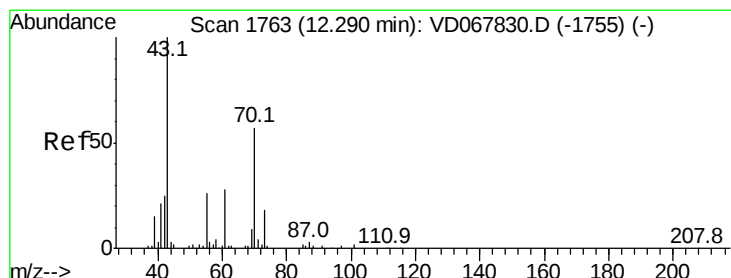
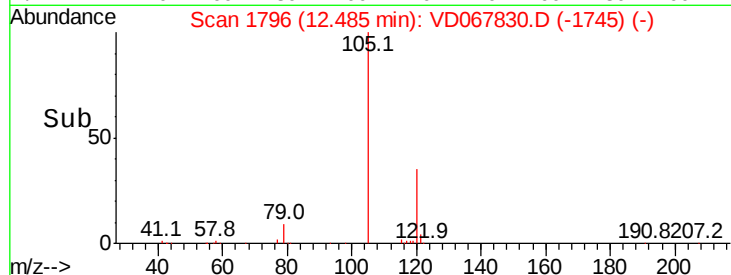
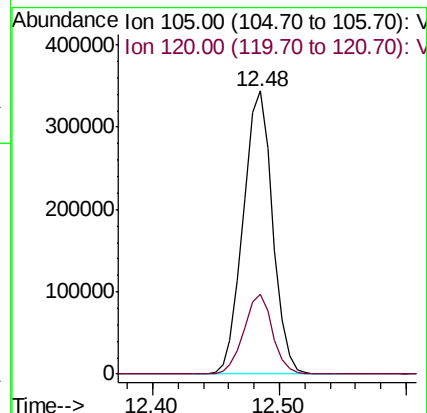
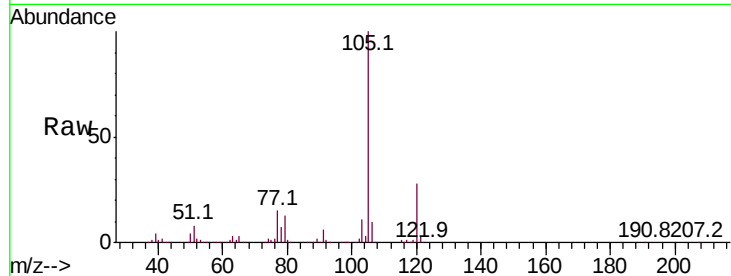
VSTDICCC050

Tot Ion:105 Resp: 552076

Ion Ratio Lower Upper

105 100

120 27.7 13.9 41.6



#74

N-ethyl acetate

Concen: 51.222 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Tgt Ion: 43 Resp: 70256

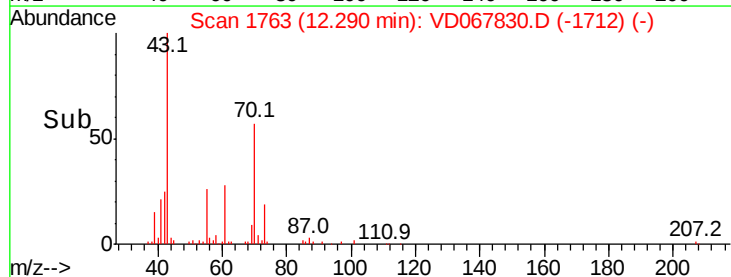
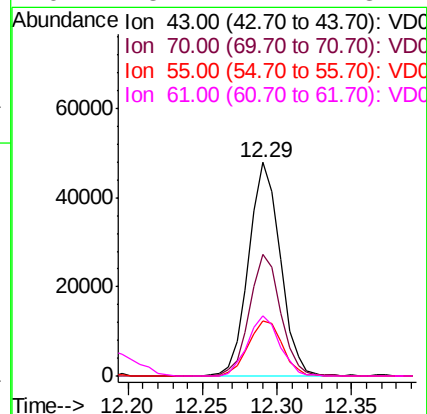
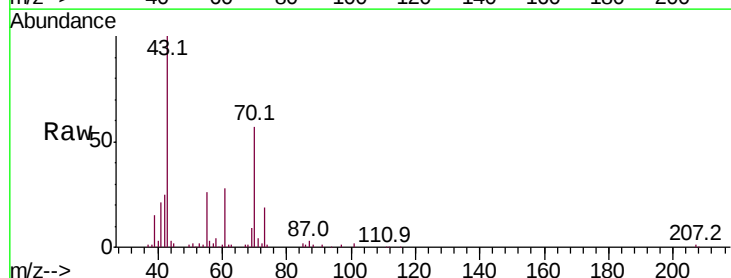
Ion Ratio Lower Upper

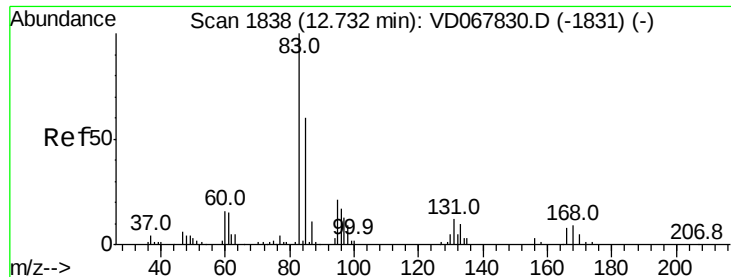
43 100

70 55.7 44.6 66.8

55 27.7 22.2 33.2

61 28.4 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.219 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

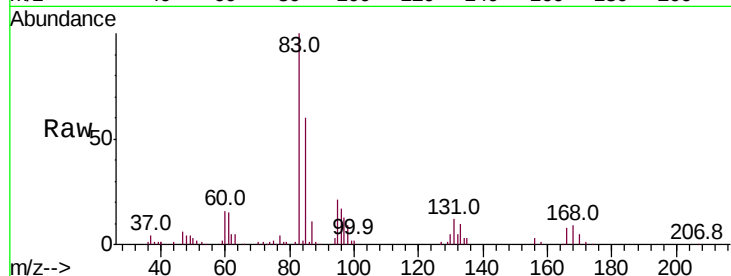
Tot Ion: 83 Resp: 72055

Ion Ratio Lower Upper

83 100

131 16.0 8.0 24.0

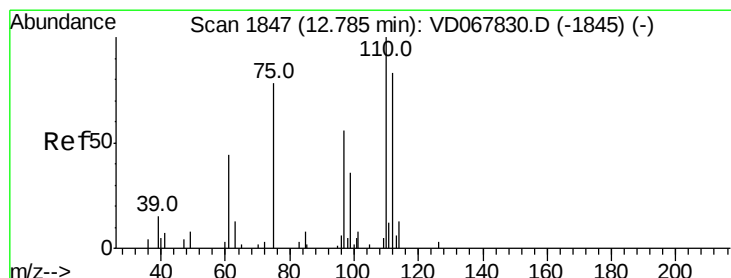
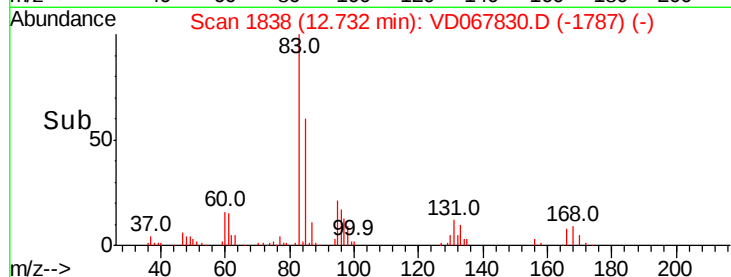
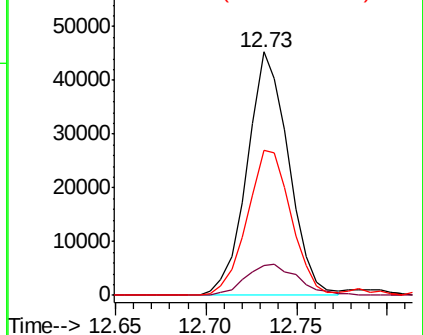
85 63.4 31.7 95.1



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: 89.055 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067830.D

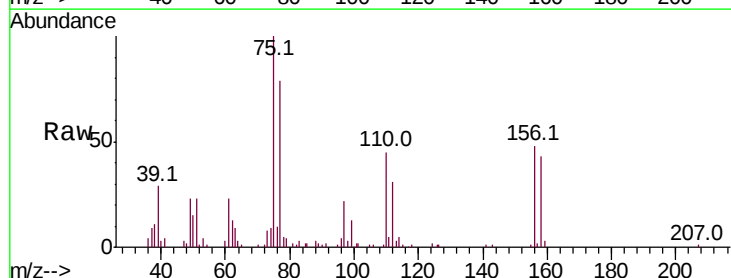
Acq: 01 Dec 2020 11:55

Tgt Ion: 75 Resp: 106788

Ion Ratio Lower Upper

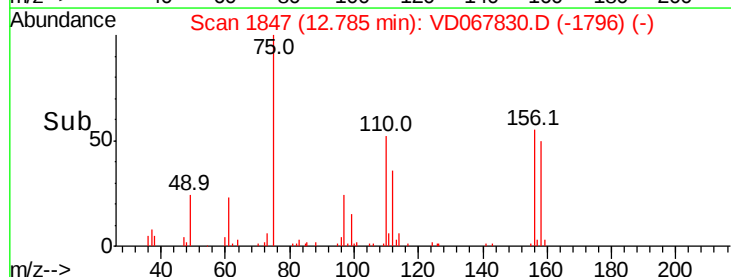
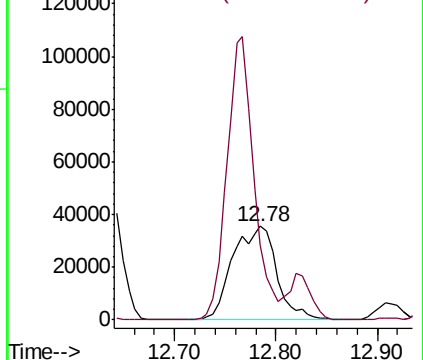
75 100

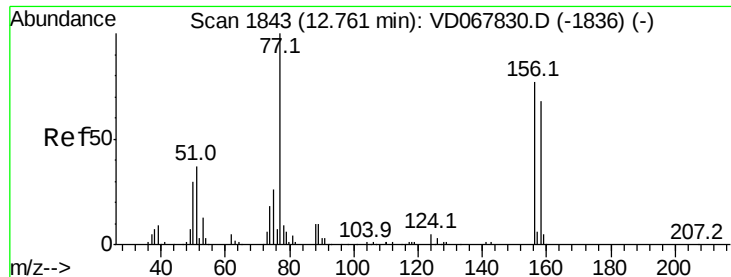
77 185.5 175.9 527.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.261 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

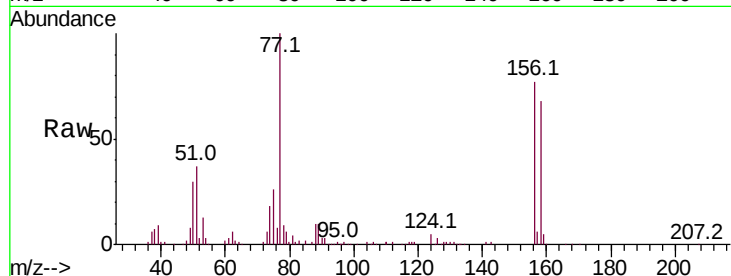
Tot Ion:156 Resp: 138554

Ion Ratio Lower Upper

156 100

77 143.0 71.5 214.5

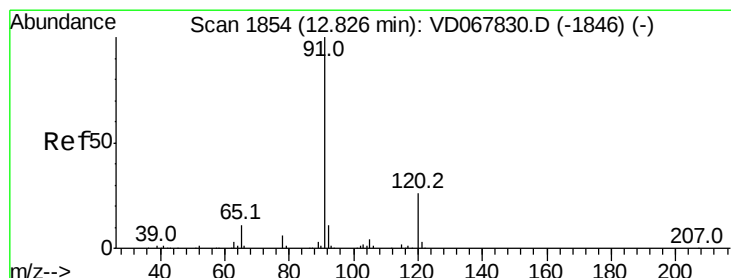
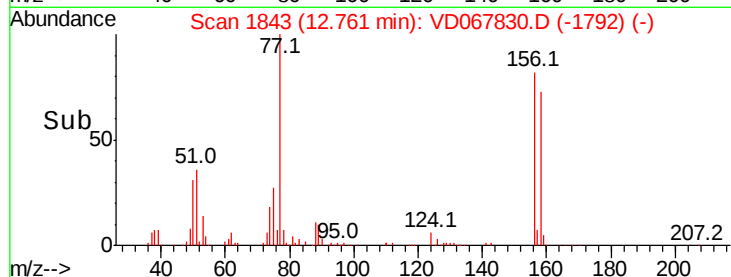
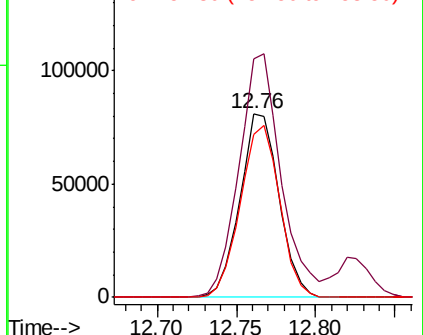
158 94.3 47.1 141.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.229 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067830.D

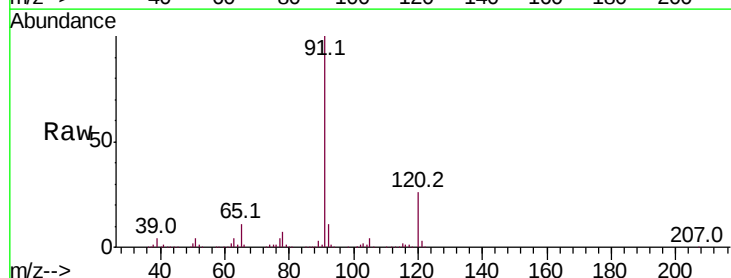
Acq: 01 Dec 2020 11:55

Tgt Ion: 91 Resp: 617319

Ion Ratio Lower Upper

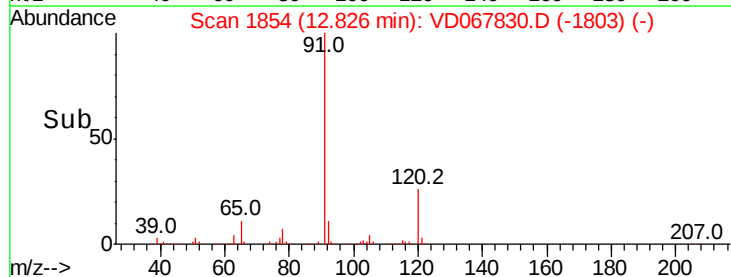
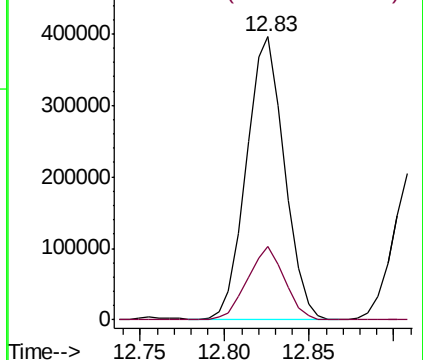
91 100

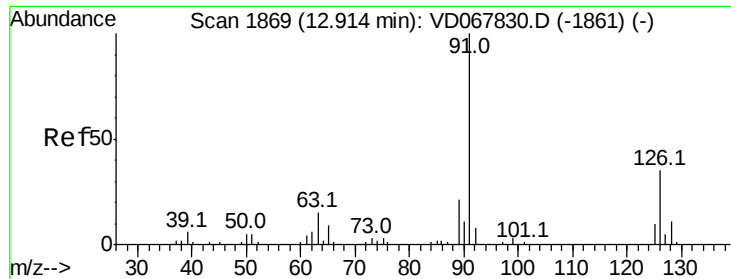
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

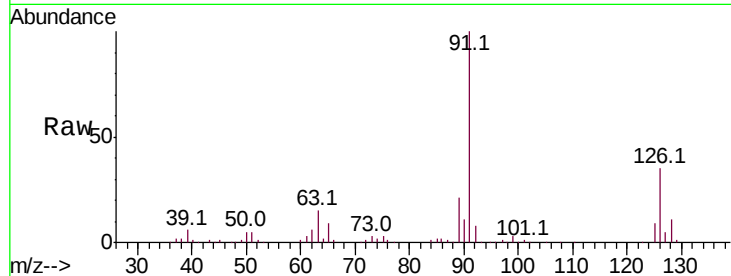




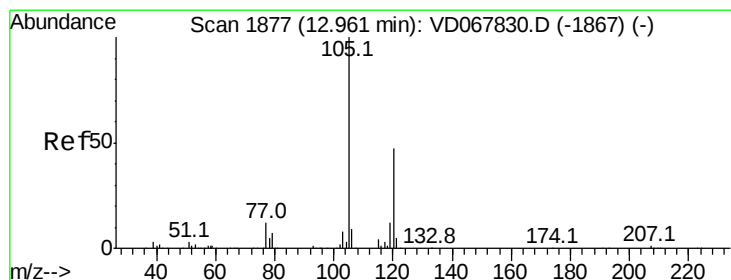
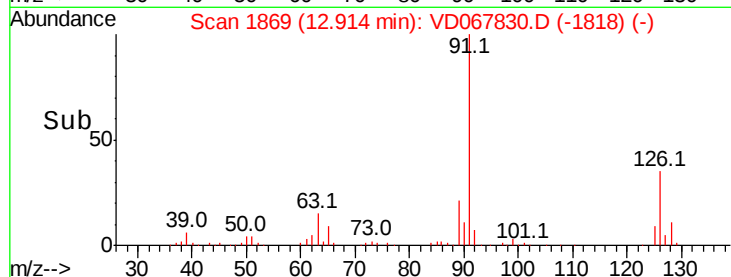
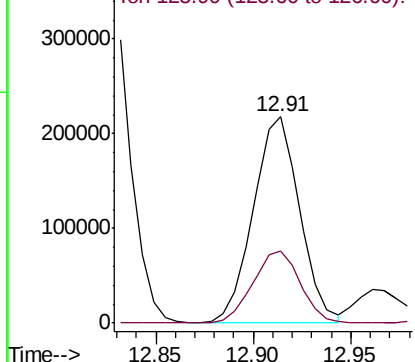
#79
2-Chlorotoluene
Concen: 49.735 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 359591
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.7

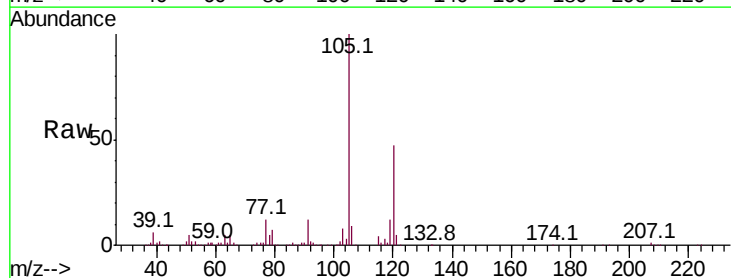


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

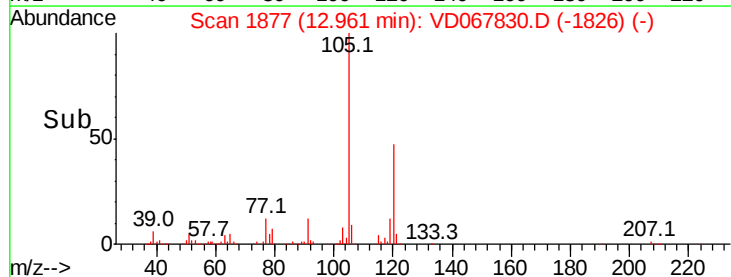
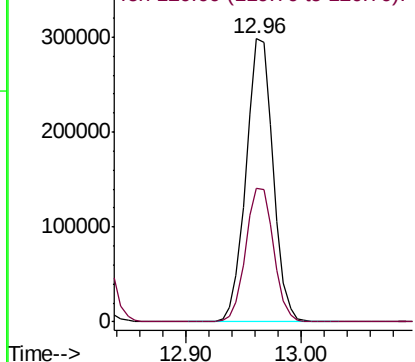


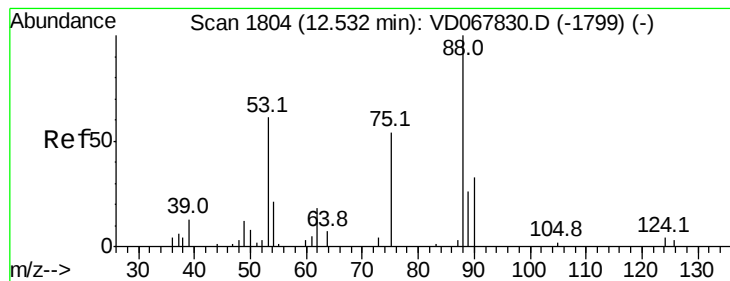
#80
1,3,5-Trimethylbenzene
Concen: 50.470 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Tgt Ion:105 Resp: 484539
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9



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





#81

trans-1,4-Dichloro-2-butene

Concen: 49.428 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

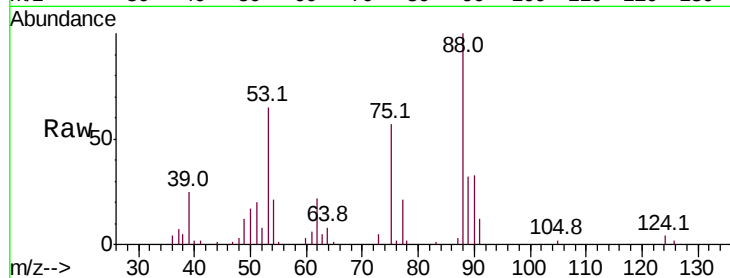
Tot Ion: 75 Resp: 24263

Ion Ratio Lower Upper

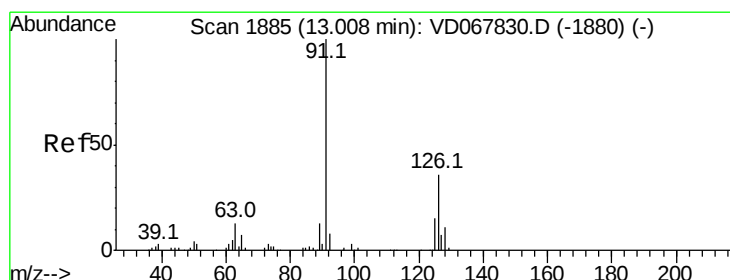
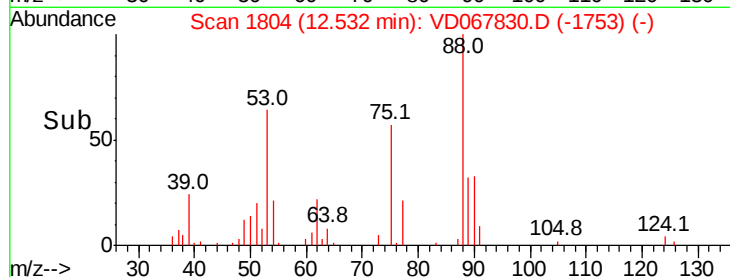
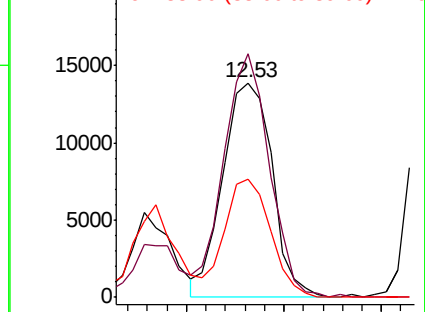
75 100

53 105.8 84.6 127.0

89 51.3 41.0 61.6



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 49.321 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067830.D

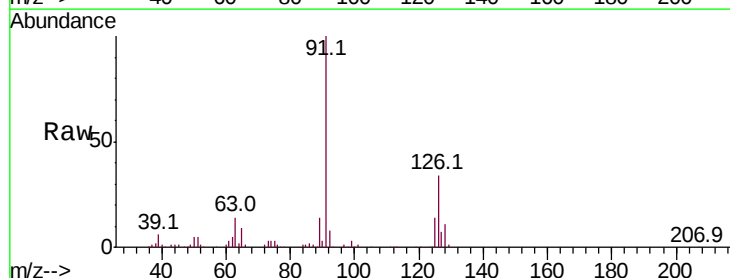
Acq: 01 Dec 2020 11:55

Tgt Ion: 91 Resp: 380388

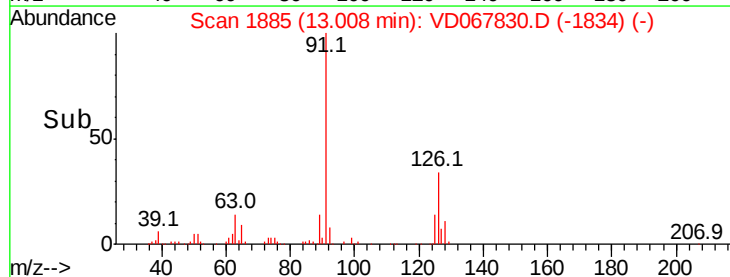
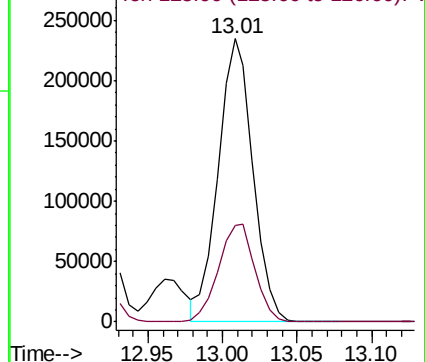
Ion Ratio Lower Upper

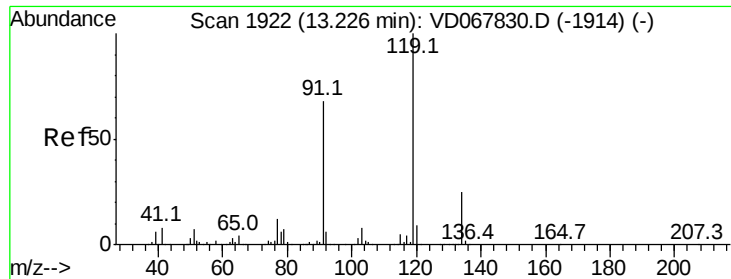
91 100

126 36.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

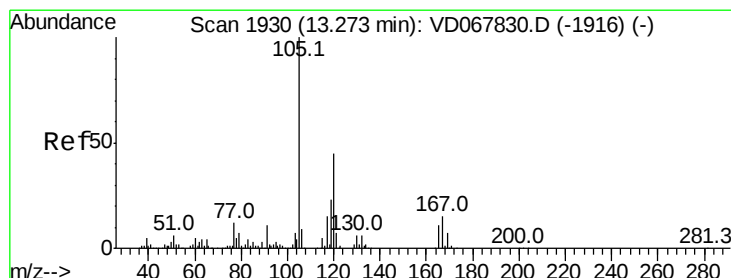
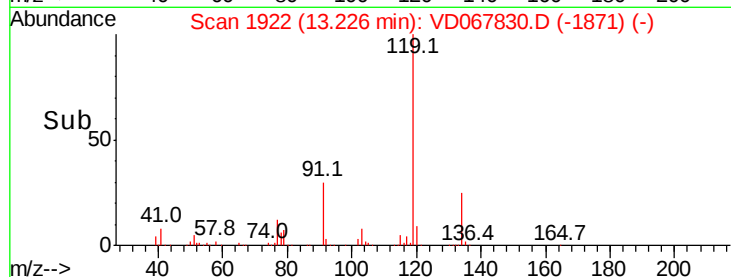
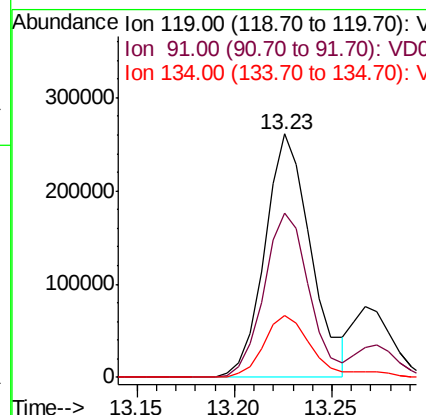
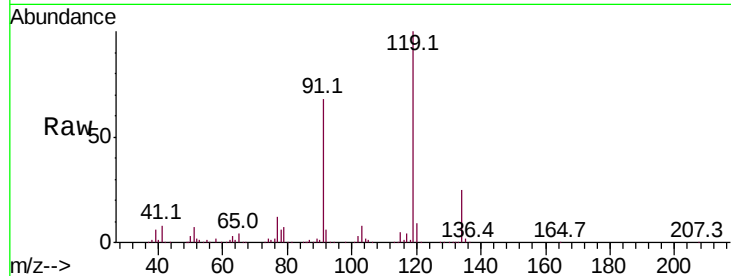




#83
tert-Butylbenzene
Concen: 52.184 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

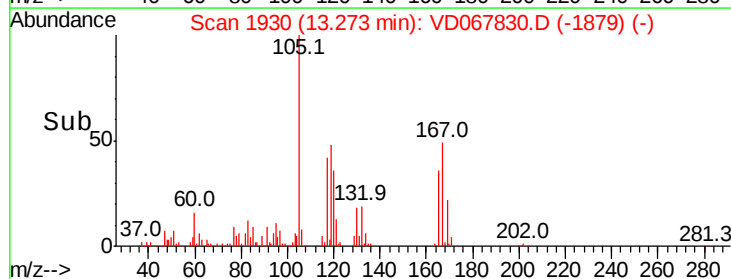
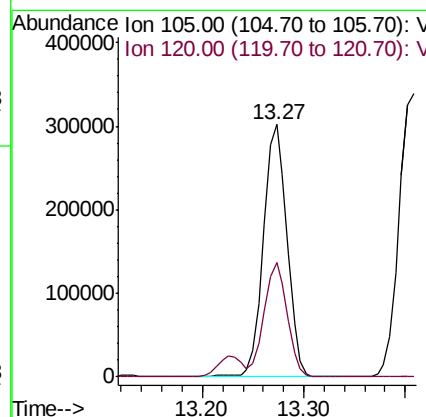
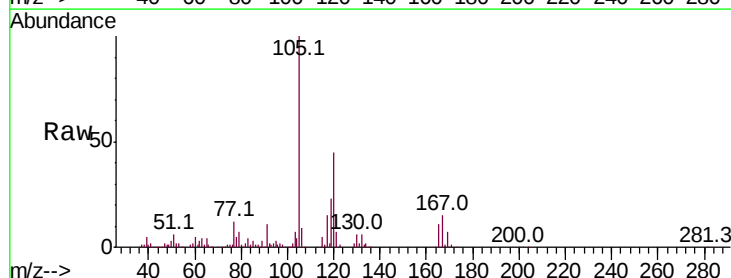
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

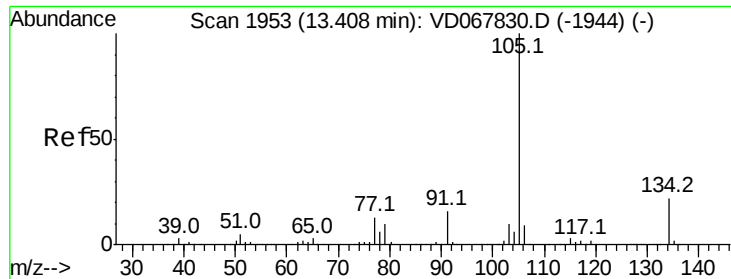
Tot Ion:119 Resp: 426330
Ion Ratio Lower Upper
119 100
91 66.2 33.1 99.3
134 27.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 51.014 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Tgt Ion:105 Resp: 487015
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5

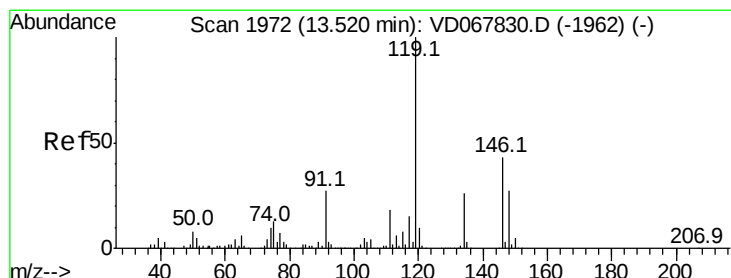
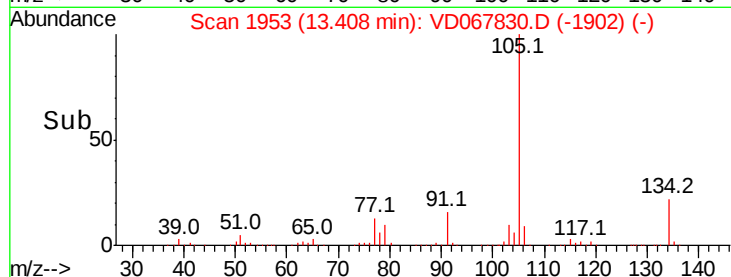
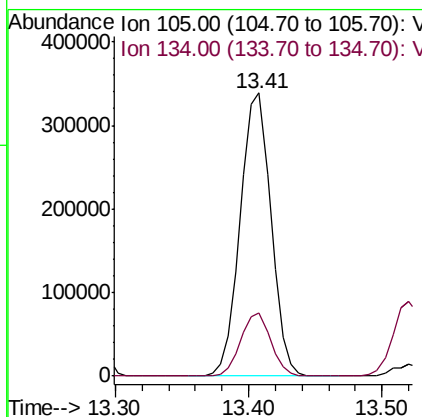
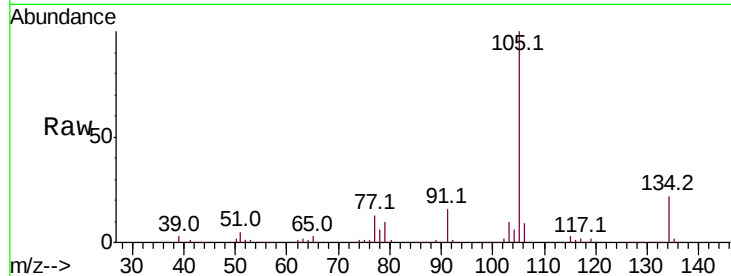




#85
 sec-Butylbenzene
 Concen: 49.508 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

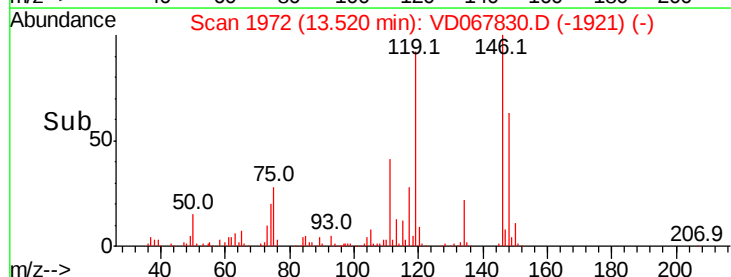
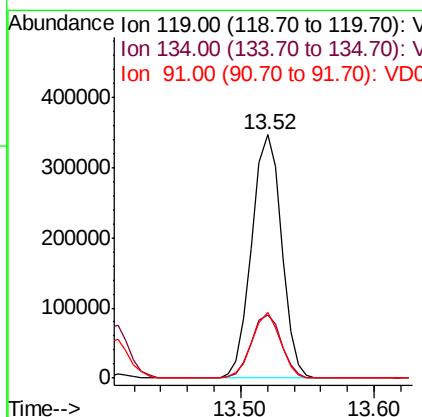
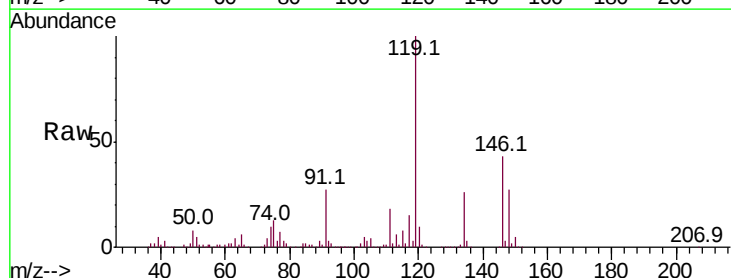
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

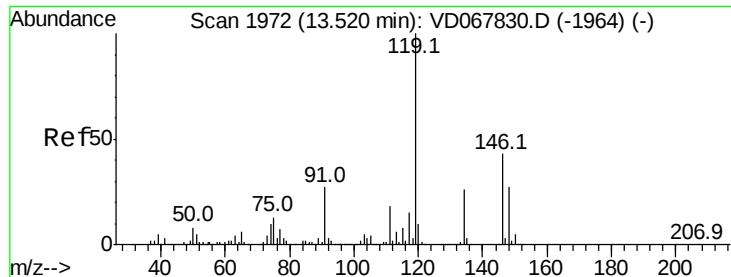
Tot Ion:105 Resp: 539839
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 50.161 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Tgt Ion:119 Resp: 536059
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 25.5 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 47.793 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

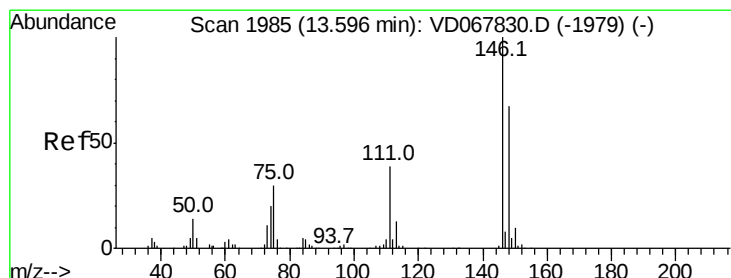
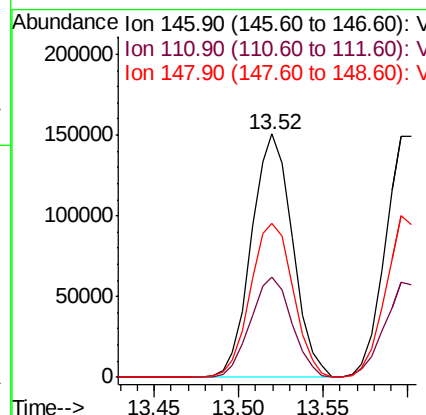
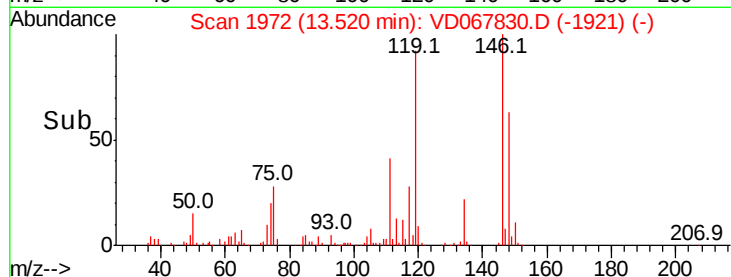
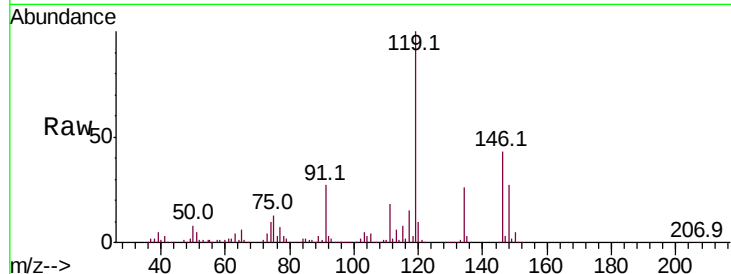
Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:146 Resp: 254147

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.2
148	65.7	32.9	98.6



#88

1,4-Dichlorobenzene

Concen: 47.165 ug/l

RT: 13.60 min Scan# 1985

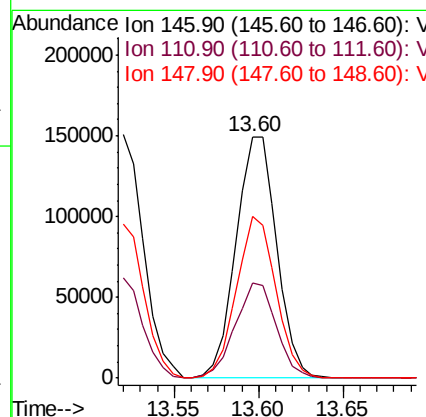
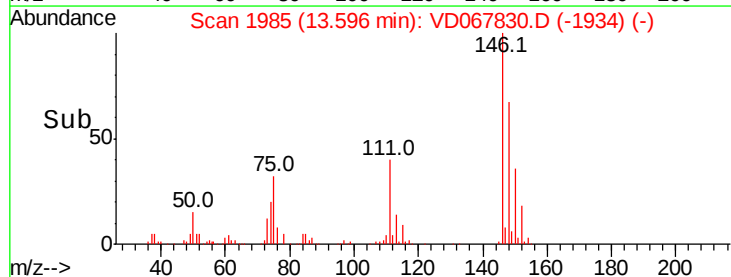
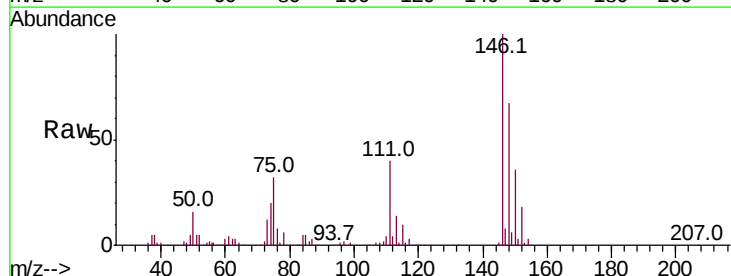
Delta R.T. 0.00 min

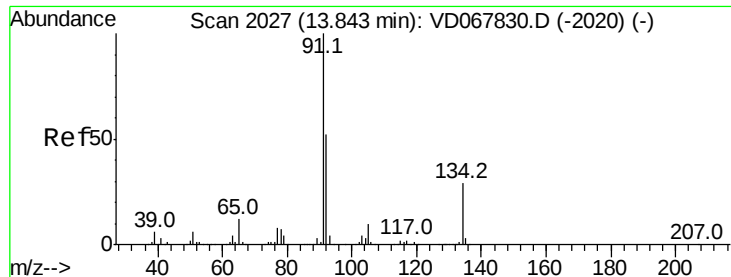
Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Tgt Ion:146 Resp: 250917

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.6
148	64.8	32.4	97.2

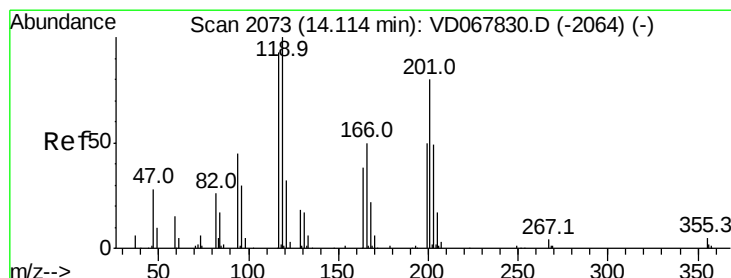
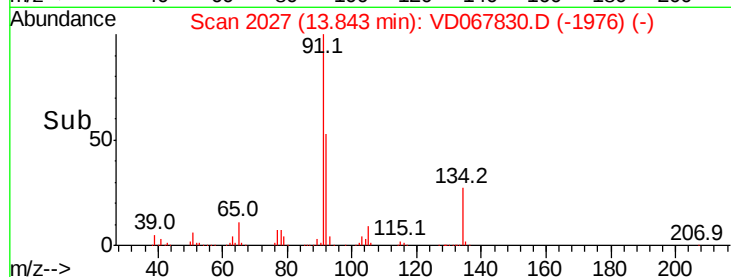
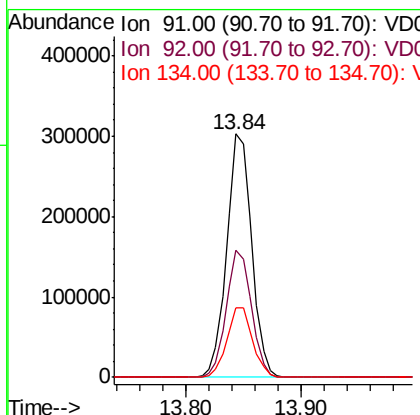
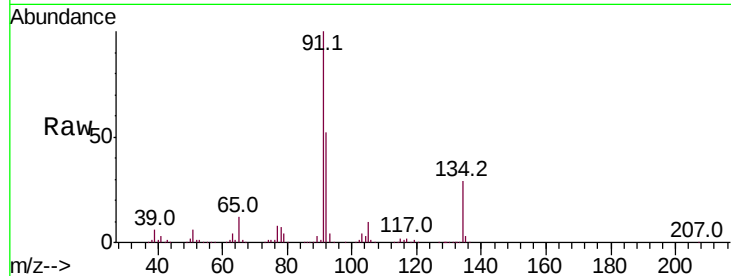




#89
n-Butylbenzene
Concen: 50.976 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

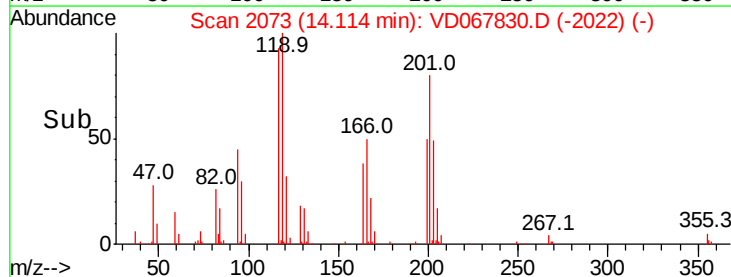
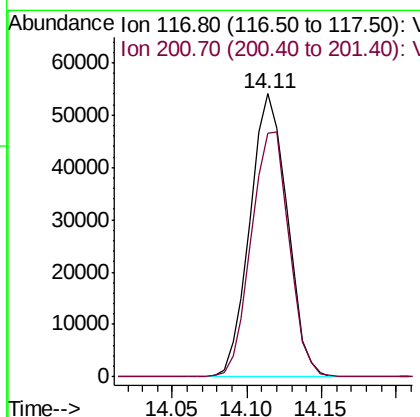
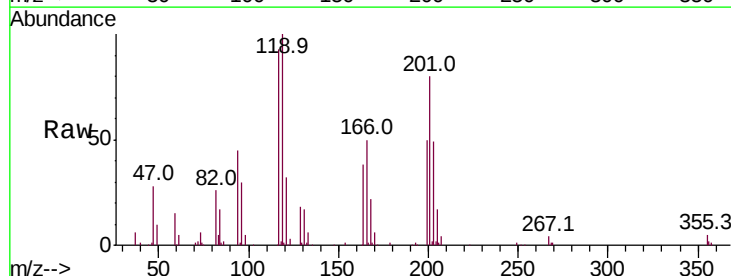
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

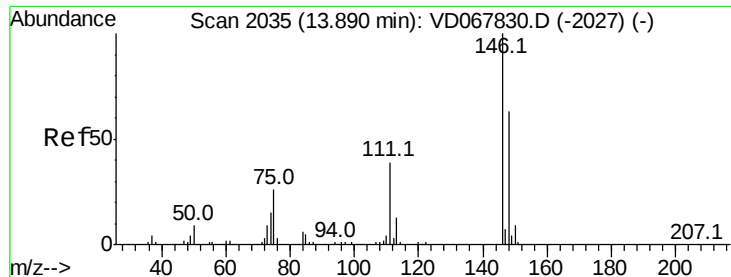
Tot Ion: 91 Resp: 452592
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 29.5 14.8 44.3



#90
Hexachloroethane
Concen: 47.435 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Tgt Ion: 117 Resp: 93590
Ion Ratio Lower Upper
117 100
201 87.7 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 49.102 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

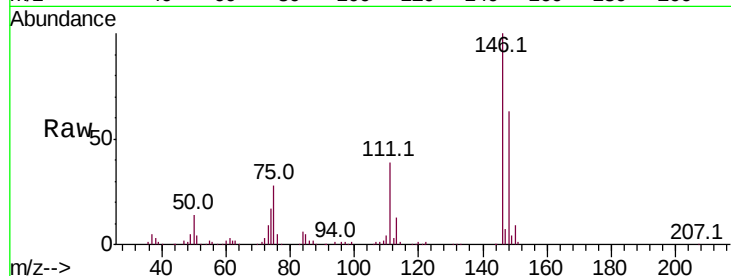
Tot Ion:146 Resp: 226461

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

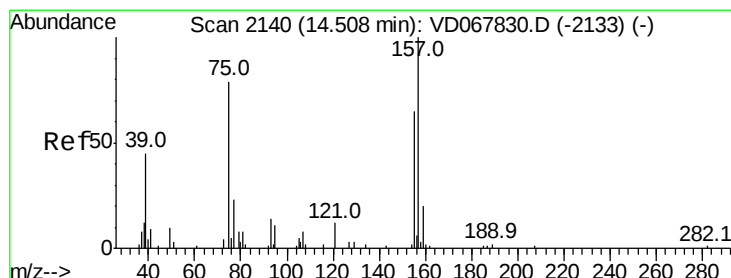
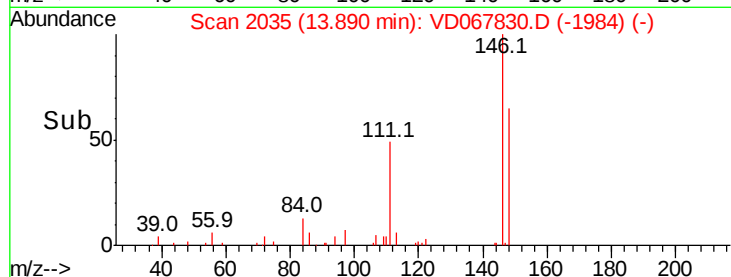
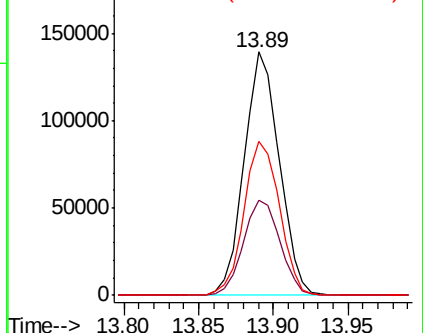
148 64.2 32.1 96.3



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: 48.857 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VD067830.D

Acq: 01 Dec 2020 11:55

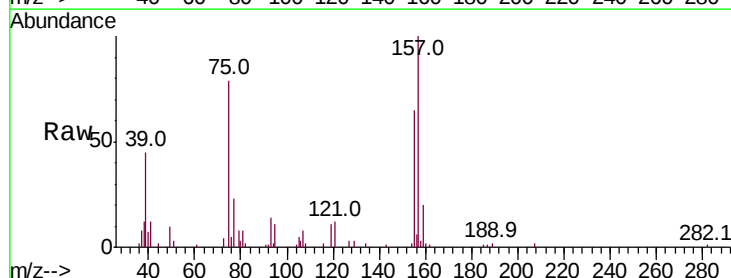
Tgt Ion: 75 Resp: 14927

Ion Ratio Lower Upper

75 100

155 88.3 44.1 132.4

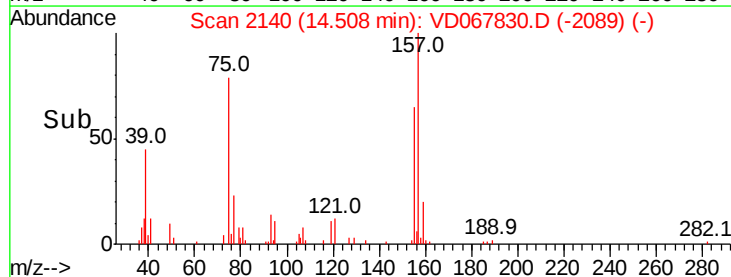
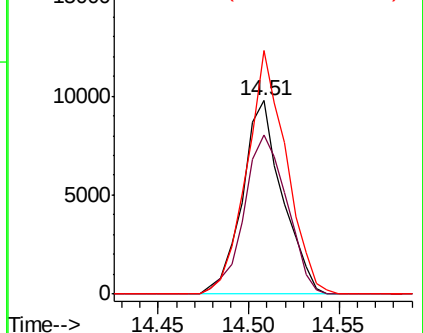
157 124.8 62.4 187.2

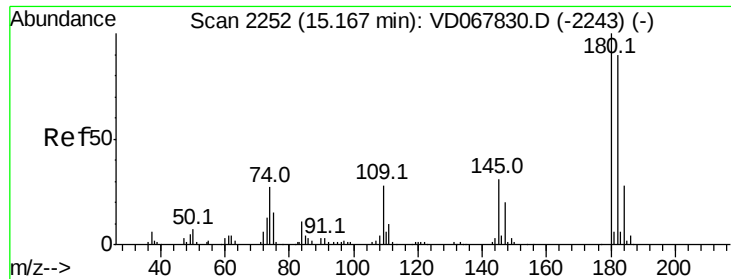


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

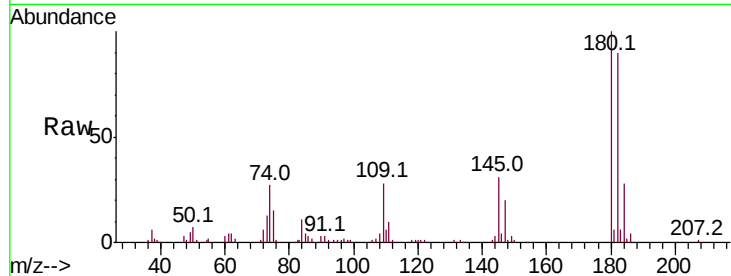




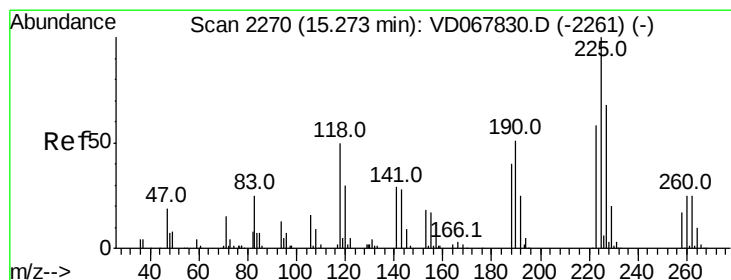
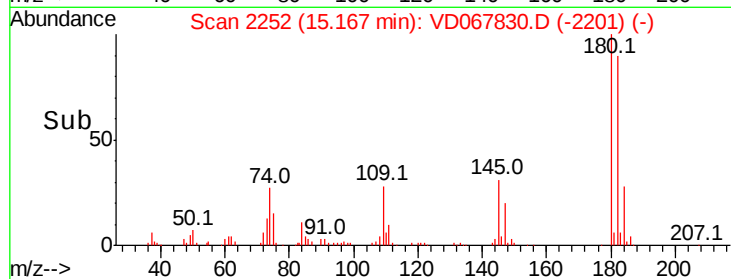
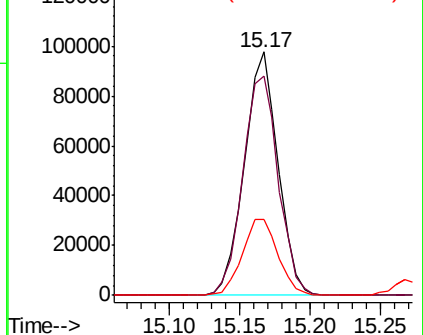
#93
 1,2,4-Trichlorobenzene
 Concen: 50.575 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	32.9	16.4	49.4

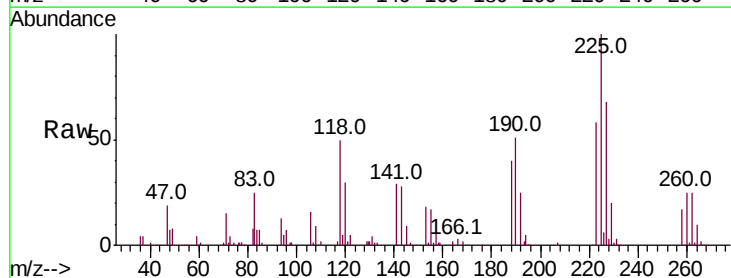


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

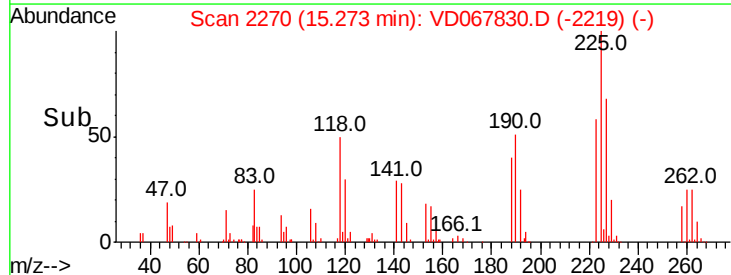
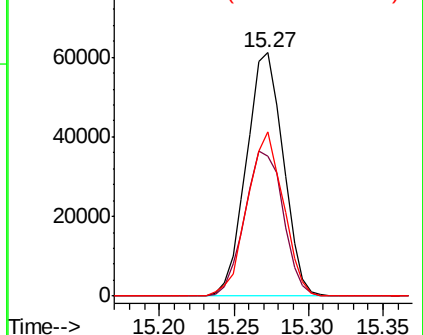


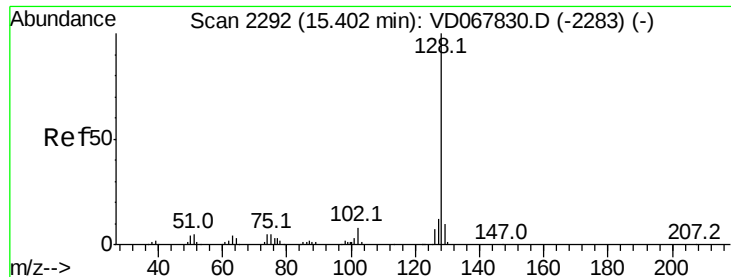
#94
 Hexachlorobutadiene
 Concen: 49.641 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067830.D
 Acq: 01 Dec 2020 11:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.3
227	66.2	33.1	99.3



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

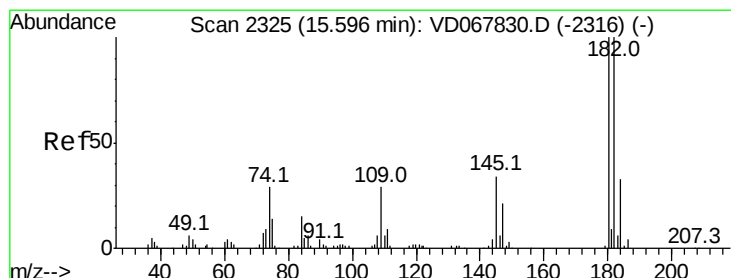
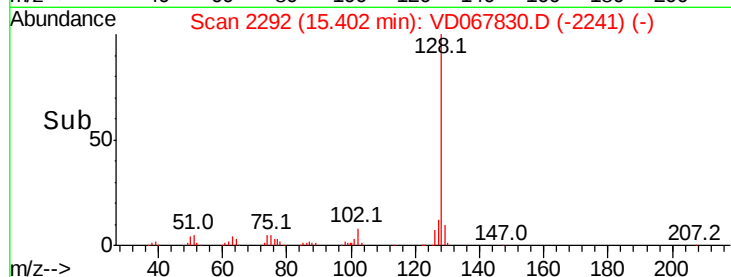
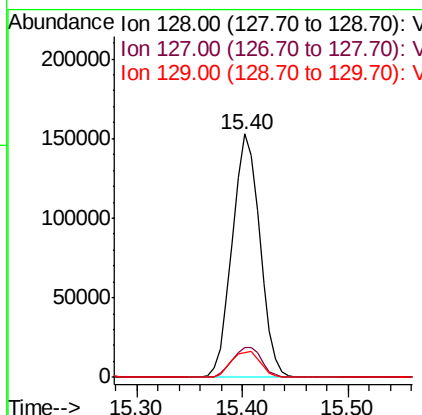
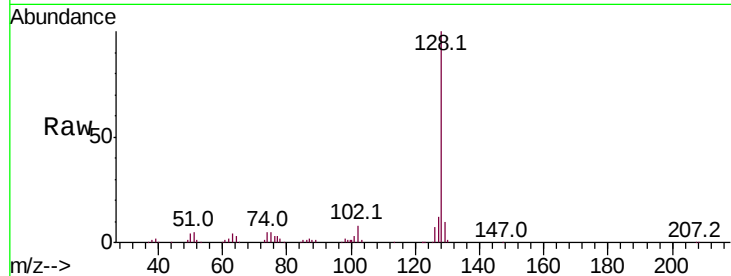




#95
Naphthalene
Concen: 52.641 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 276343
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.3 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 50.968 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067830.D
Acq: 01 Dec 2020 11:55

Tgt Ion:180 Resp: 141998
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 33.6 16.8 50.4

