

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067531.D
 Acq On : 04 Nov 2020 20:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 05 00:41:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	305556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	452884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	426642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	214742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	133198	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	7.92	113	133882	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.34	98	468902	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.64	95	169864	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	116865	46.974	ug/l	99
3) Chloromethane	2.21	50	85312	44.836	ug/l	98
4) Vinyl Chloride	2.35	62	89801	42.331	ug/l	99
5) Bromomethane	2.77	94	75581	43.957	ug/l	99
6) Chloroethane	2.93	64	57959	44.315	ug/l	100
7) Trichlorofluoromethane	3.27	101	244148	44.448	ug/l	96
8) Diethyl Ether	3.71	74	57618	52.058	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	128763	46.441	ug/l	97
10) Methyl Iodide	4.30	142	132308	44.523	ug/l	99
11) Tert butyl alcohol	5.23	59	34119	300.409	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	119508	46.860	ug/l	97
13) Acrolein	3.92	56	38691	317.618	ug/l	98
14) Allyl chloride	4.72	41	132115	48.403	ug/l	99
15) Acrylonitrile	5.43	53	111405	272.295	ug/l	97
16) Acetone	4.16	43	89740	224.455	ug/l	100
17) Carbon Disulfide	4.41	76	353944	45.291	ug/l	99
18) Methyl Acetate	4.72	43	43205	52.294	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	278440	55.350	ug/l	94
20) Methylene Chloride	4.97	84	141765	50.196	ug/l	99
21) trans-1,2-Dichloroethene	5.48	96	139885	47.092	ug/l	94
22) Diisopropyl ether	6.37	45	278706	52.398	ug/l	95
23) Vinyl Acetate	6.31	43	781694	280.757	ug/l	99
24) 1,1-Dichloroethane	6.27	63	211783	48.670	ug/l	97
25) 2-Butanone	7.22	43	115678	270.775	ug/l	99
26) 2,2-Dichloropropane	7.21	77	209937	45.713	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	155925	50.572	ug/l	100
28) Bromochloromethane	7.55	49	85684	55.358	ug/l	98
29) Tetrahydrofuran	7.56	42	74719	291.984	ug/l	98
30) Chloroform	7.71	83	261719	50.415	ug/l	98
31) Cyclohexane	7.99	56	164485	42.447	ug/l #	86
32) 1,1,1-Trichloroethane	7.91	97	256386	47.867	ug/l	98
36) 1,1-Dichloropropene	8.11	75	183893	47.437	ug/l	99
37) Ethyl Acetate	7.29	43	57549	57.181	ug/l	96
38) Carbon Tetrachloride	8.10	117	240125	47.674	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067531.D
 Acq On : 04 Nov 2020 20:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Nov 05 00:41:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	216622	47.477	ug/l	96
40) Benzene	8.36	78	523926	49.894	ug/l	100
41) Methacrylonitrile	7.53	41	29472	48.990	ug/l	97
42) 1,2-Dichloroethane	8.43	62	163113	50.275	ug/l	99
43) Isopropyl Acetate	8.46	43	106089	53.300	ug/l	99
44) Trichloroethene	9.12	130	162605	47.094	ug/l	99
45) 1,2-Dichloropropane	9.39	63	113113	49.822	ug/l	94
46) Dibromomethane	9.48	93	74749	51.781	ug/l	98
47) Bromodichloromethane	9.67	83	201776	51.426	ug/l	96
48) Methyl methacrylate	9.46	41	50925	49.552	ug/l #	83
49) 1,4-Dioxane	9.46	88	16992	1159.506	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	266295	279.743	ug/l	100
52) Toluene	10.41	92	354122	50.348	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	175977	52.368	ug/l	94
54) cis-1,3-Dichloropropene	10.10	75	203689	51.018	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	102527	53.679	ug/l	99
56) Ethyl methacrylate	10.67	69	110681	56.115	ug/l	99
57) 1,3-Dichloropropane	10.96	76	161225	52.456	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	275306	299.316	ug/l	98
59) 2-Hexanone	10.99	43	185494	278.691	ug/l	100
60) Dibromochloromethane	11.14	129	150121	53.133	ug/l	99
61) 1,2-Dibromoethane	11.25	107	103319	53.898	ug/l	97
64) Tetrachloroethene	10.88	164	145189	45.951	ug/l	96
65) Chlorobenzene	11.67	112	397069	48.315	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	160020	49.403	ug/l	98
67) Ethyl Benzene	11.75	91	680600	48.396	ug/l	98
68) m/p-Xylenes	11.86	106	532212	97.276	ug/l	98
69) o-Xylene	12.18	106	243025	49.751	ug/l	99
70) Styrene	12.20	104	420589	49.412	ug/l	100
71) Bromoform	12.37	173	85558	51.792	ug/l #	98
73) Isopropylbenzene	12.48	105	676016	48.710	ug/l	100
74) N-amyl acetate	12.29	43	95388	52.234	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	98814	52.214	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	133400	102.976	ug/l #	100
77) Bromobenzene	12.77	156	166156	48.750	ug/l	98
78) n-propylbenzene	12.83	91	761351	47.961	ug/l	100
79) 2-Chlorotoluene	12.91	91	444338	49.275	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	581169	49.021	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	31214	48.920	ug/l	97
82) 4-Chlorotoluene	13.01	91	468252	48.417	ug/l	99
83) tert-Butylbenzene	13.23	119	500320	49.794	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	586554	49.703	ug/l	98
85) sec-Butylbenzene	13.41	105	654770	48.273	ug/l	100
86) p-Isopropyltoluene	13.52	119	625656	47.766	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	316366	48.644	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	311877	47.359	ug/l	99
89) n-Butylbenzene	13.84	91	535123	47.298	ug/l	99
90) Hexachloroethane	14.11	117	118433	48.014	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	278597	49.496	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17796	53.111	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110420\
Data File : VD067531.D
Acq On : 04 Nov 2020 20:12
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 05 00:41:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

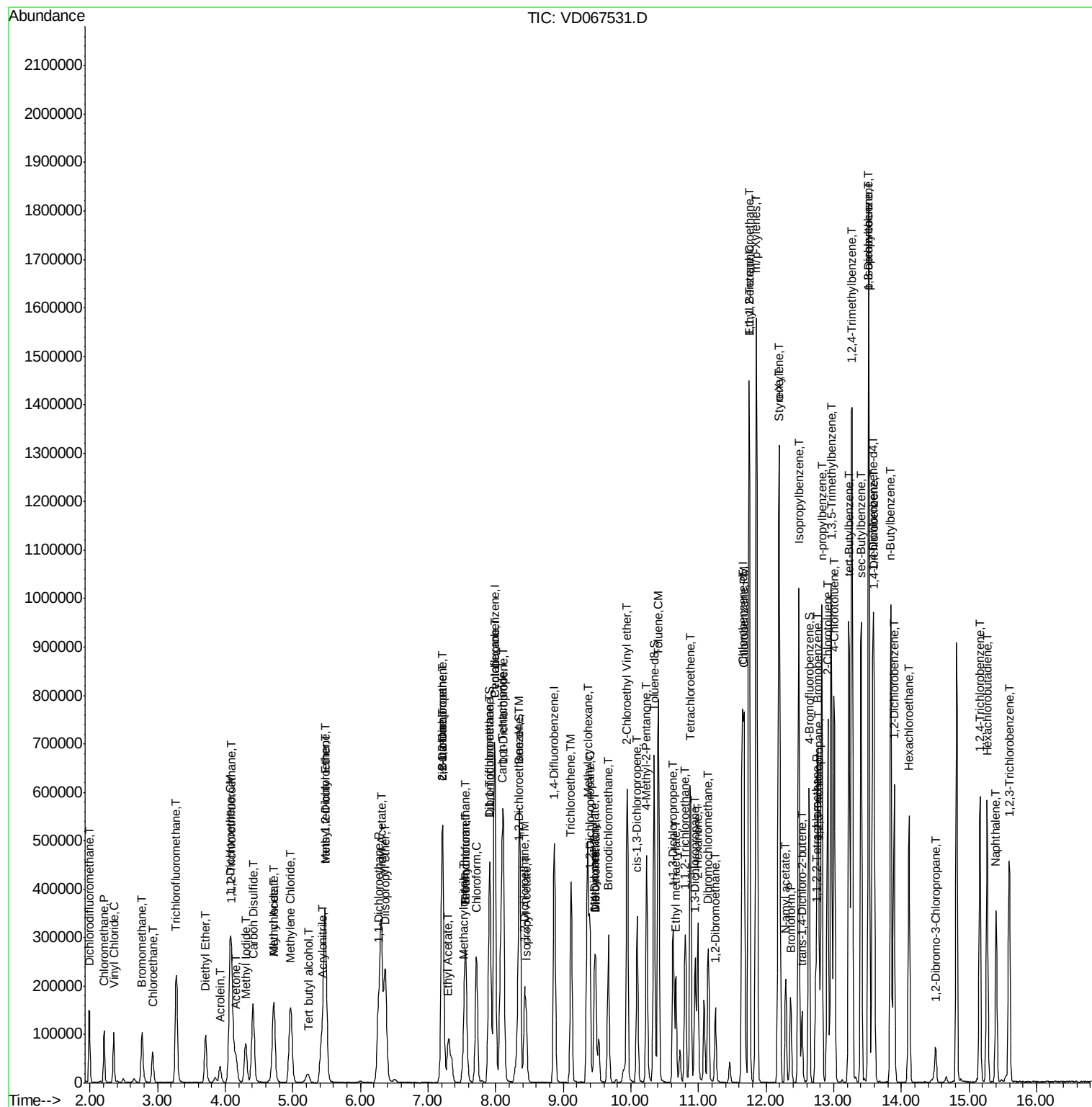
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	190347	49.825	ug/l	98
94) Hexachlorobutadiene	15.27	225	116395	45.524	ug/l	98
95) Naphthalene	15.41	128	330024	55.978	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	163933	50.110	ug/l	97

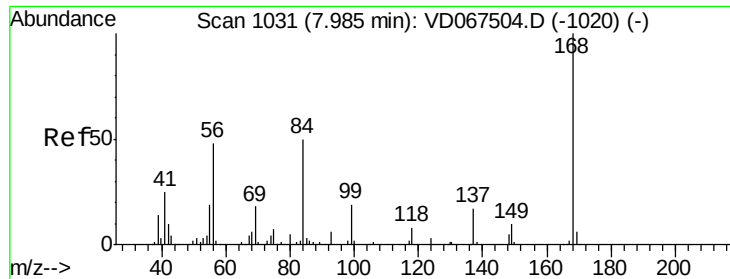
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067531.D
 Acq On : 04 Nov 2020 20:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 05 00:41:52 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

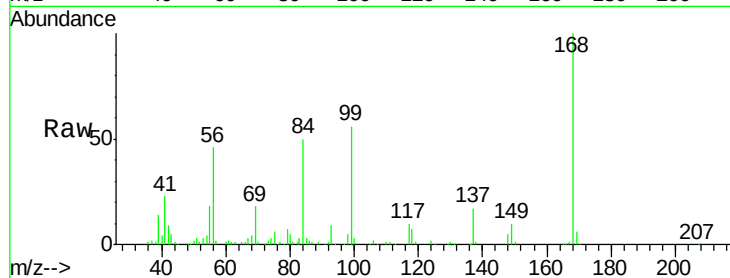
VSTDCCC050EC

Tot Ion:168 Resp: 305556

Ion Ratio Lower Upper

168 100

99 55.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

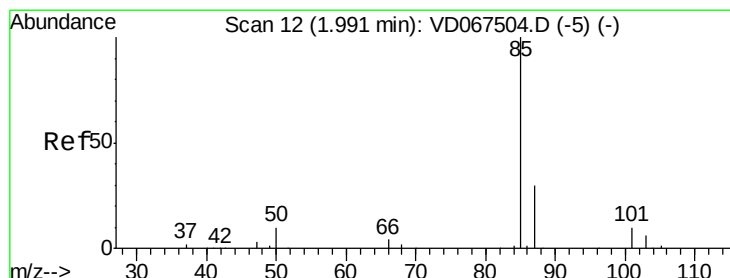
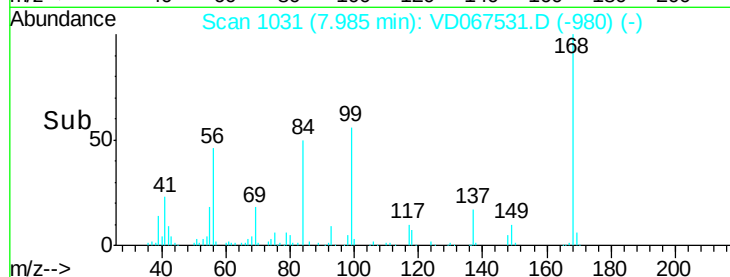
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.974 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067531.D

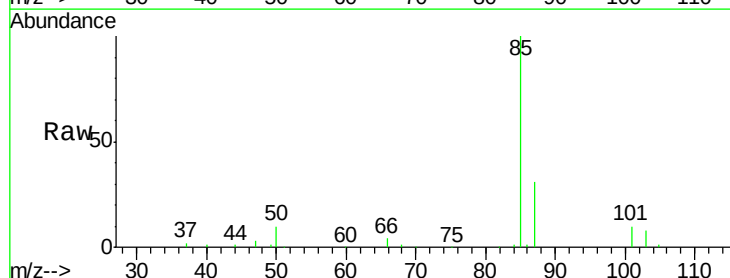
Acq: 04 Nov 2020 20:12

Tgt Ion: 85 Resp: 116865

Ion Ratio Lower Upper

85 100

87 30.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

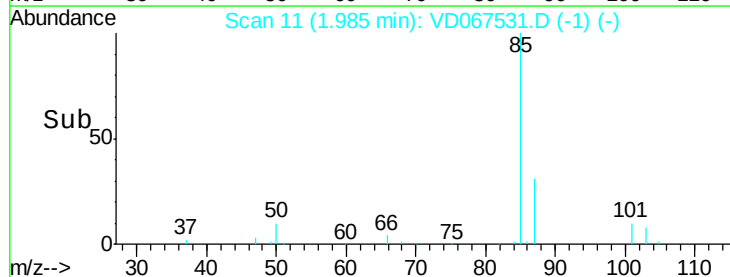
40000

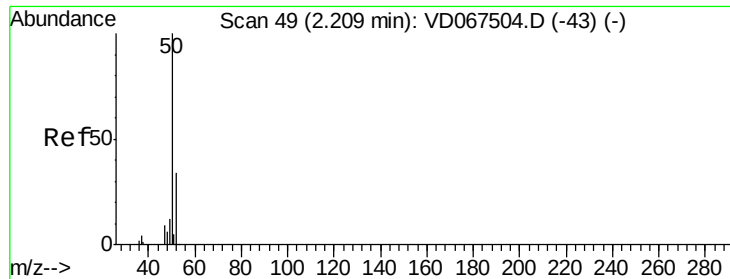
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 44.836 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

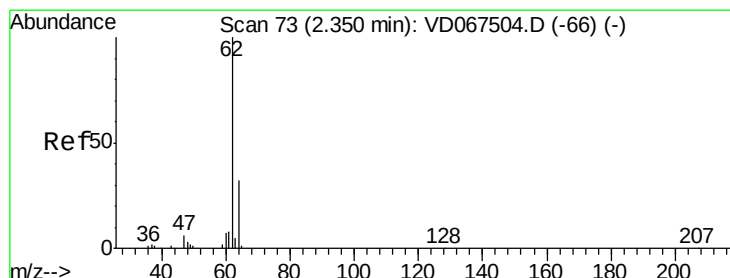
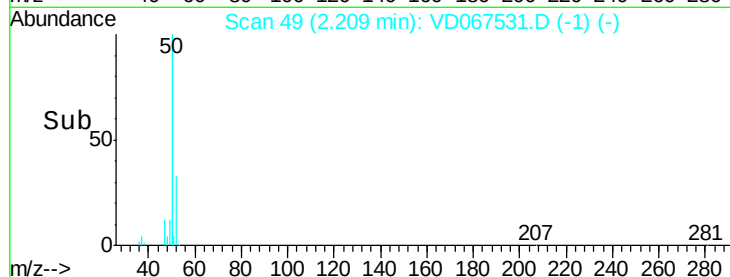
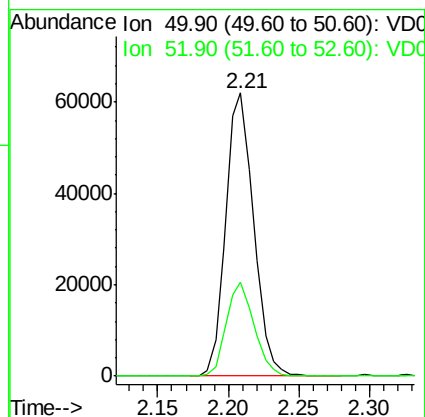
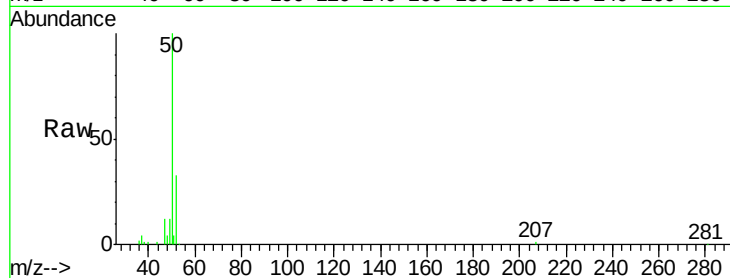
VSTDCCC050EC

Tot Ion: 50 Resp: 85312

Ion Ratio Lower Upper

50 100

52 33.1 27.3 40.9



#4

Vinyl Chloride

Concen: 42.331 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067531.D

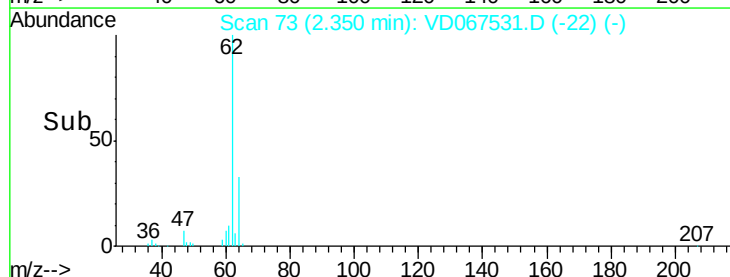
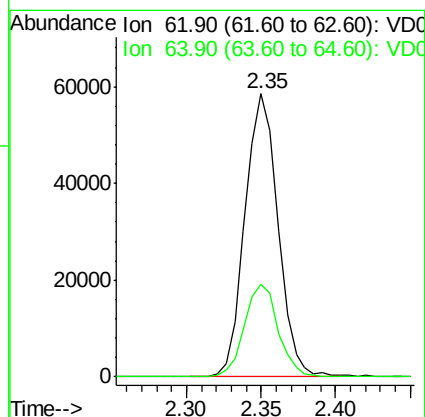
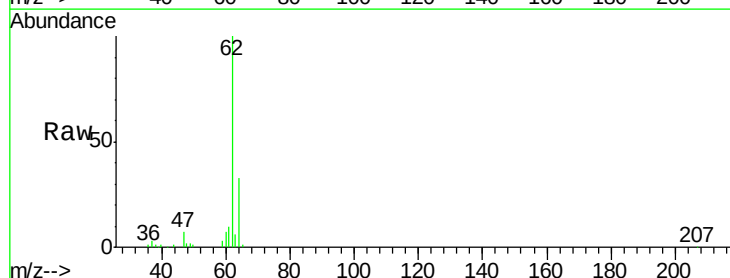
Acq: 04 Nov 2020 20:12

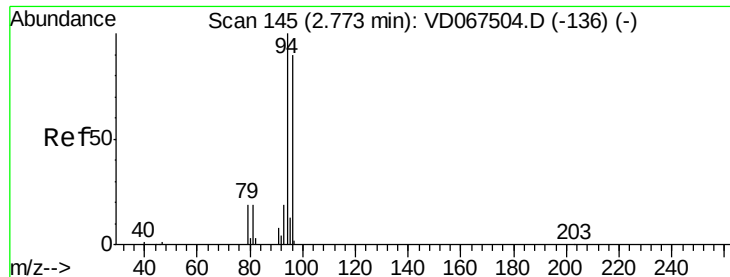
Tgt Ion: 62 Resp: 89801

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4





#5

Bromomethane

Concen: 43.957 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

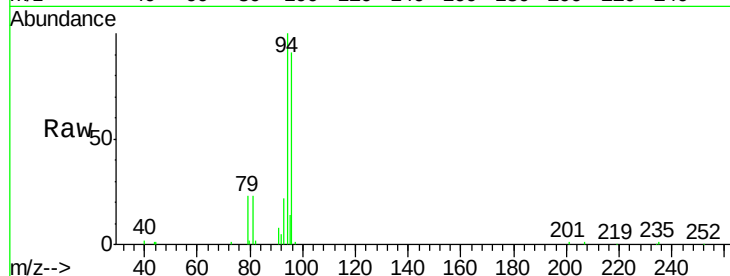
VSTDCCC050EC

Tot Ion: 94 Resp: 75581

Ion Ratio Lower Upper

94 100

96 91.5 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

30000

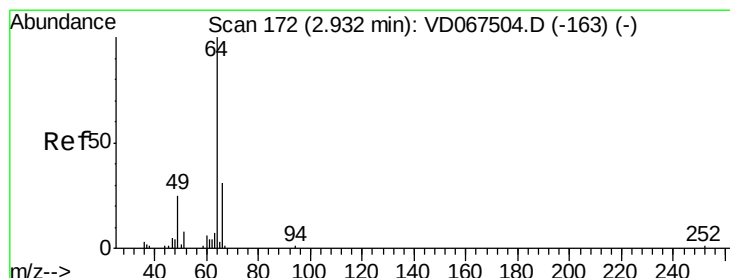
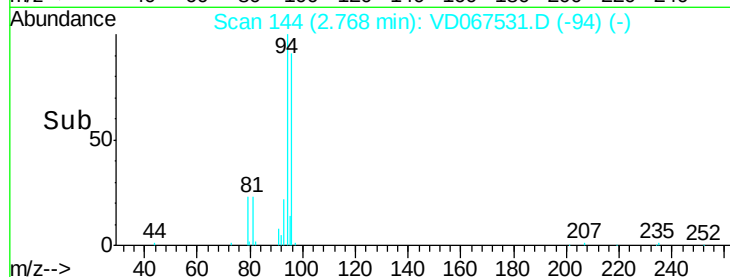
20000

10000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 44.315 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067531.D

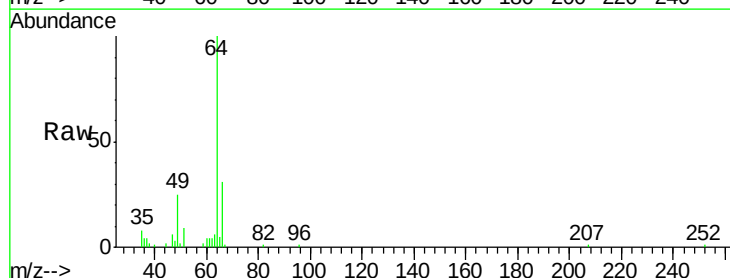
Acq: 04 Nov 2020 20:12

Tgt Ion: 64 Resp: 57959

Ion Ratio Lower Upper

64 100

66 31.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

30000

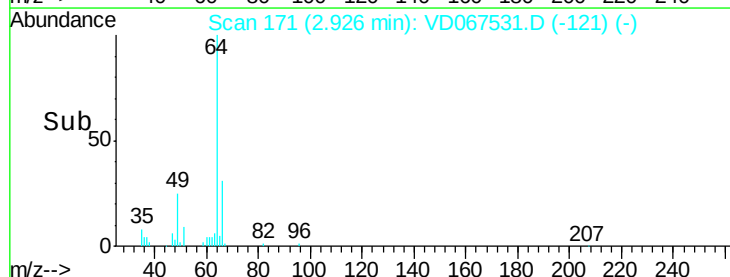
20000

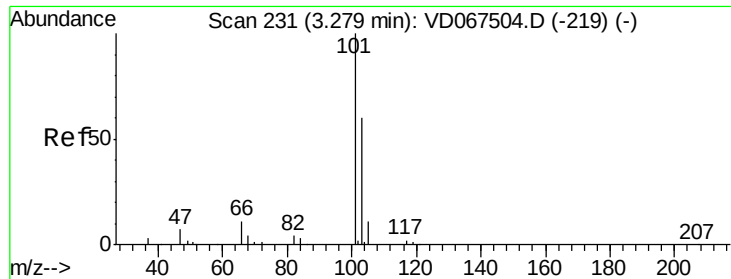
10000

0

2.85 2.90 2.95 3.00

Time-->



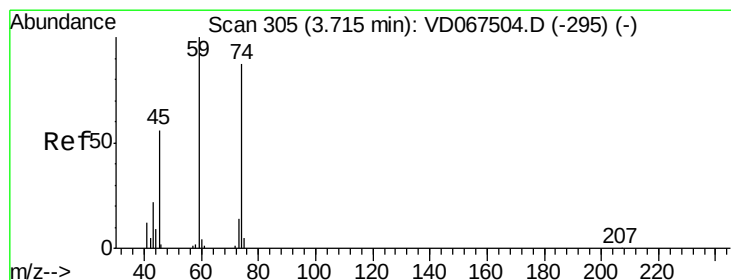
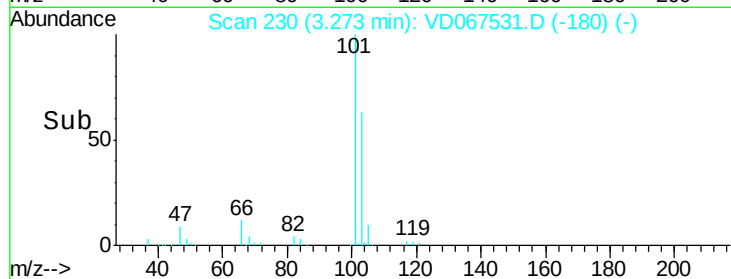
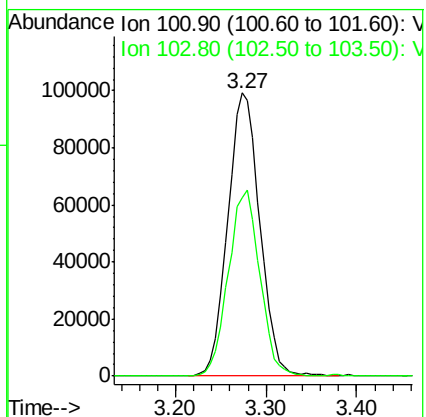
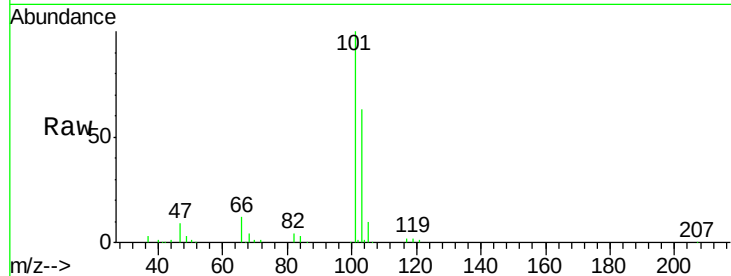


#7

Trichlorofluoromethane
 Concen: 44.448 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

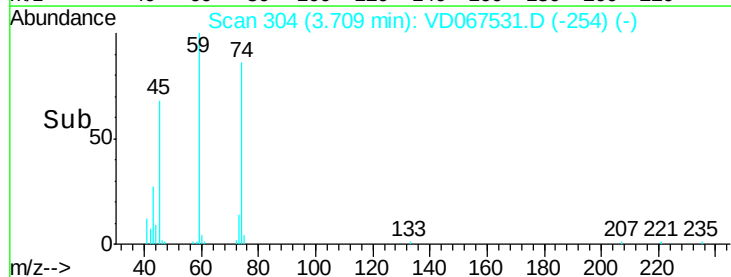
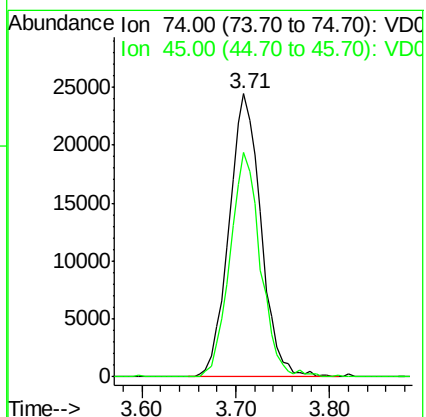
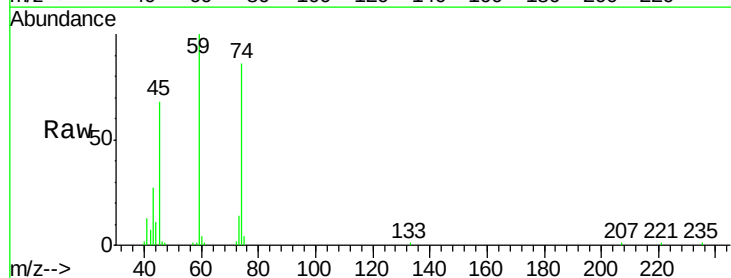
Tot Ion:101 Resp: 244148
 Ion Ratio Lower Upper
 101 100
 103 63.2 48.1 72.1

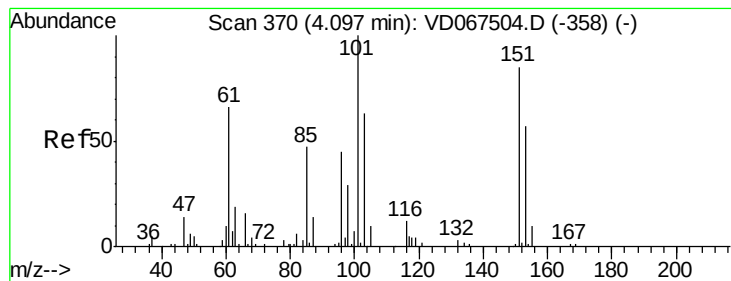


#8

Diethyl Ether
 Concen: 52.058 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Tgt Ion: 74 Resp: 57618
 Ion Ratio Lower Upper
 74 100
 45 75.2 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.441 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

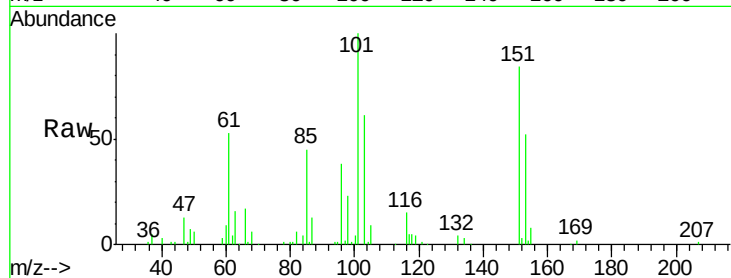
Tot Ion:101 Resp: 128763

Ion Ratio Lower Upper

101 100

85 44.3 34.4 51.6

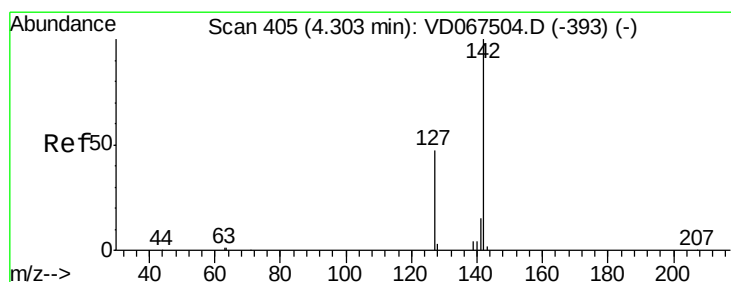
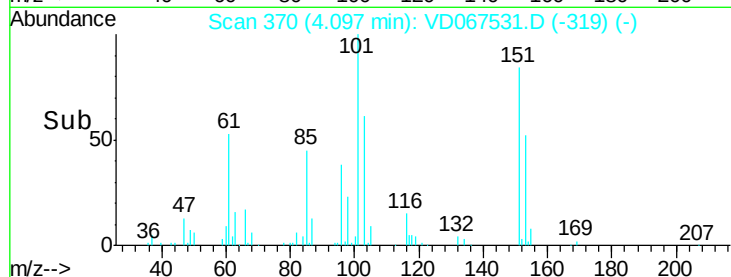
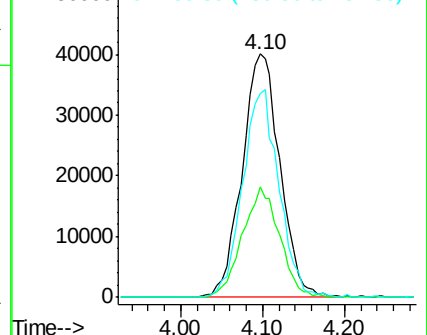
151 81.8 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.523 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

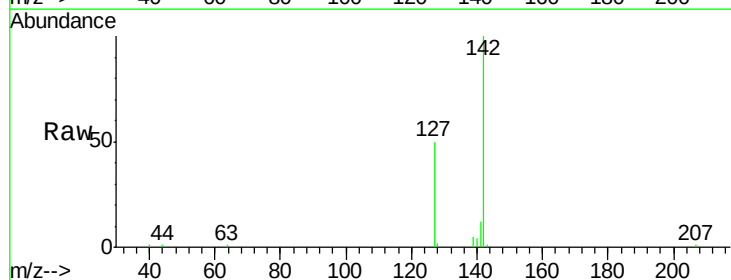
Tgt Ion:142 Resp: 132308

Ion Ratio Lower Upper

142 100

127 49.6 40.0 60.0

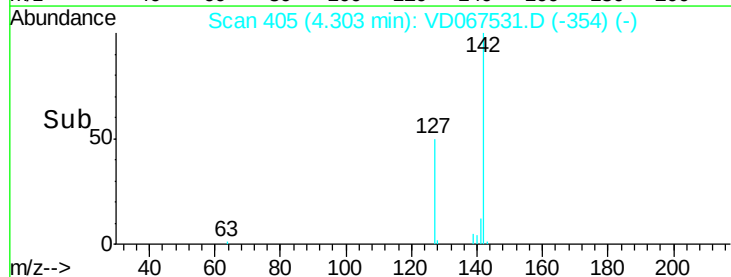
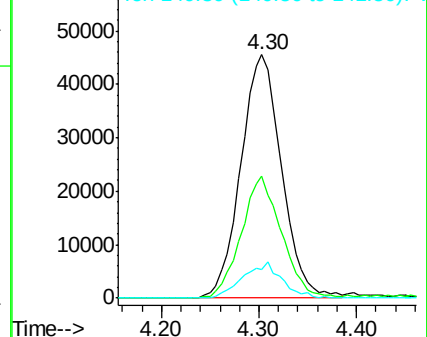
141 14.1 11.7 17.5

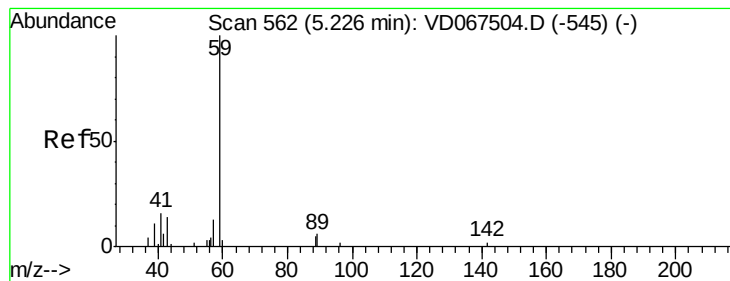


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



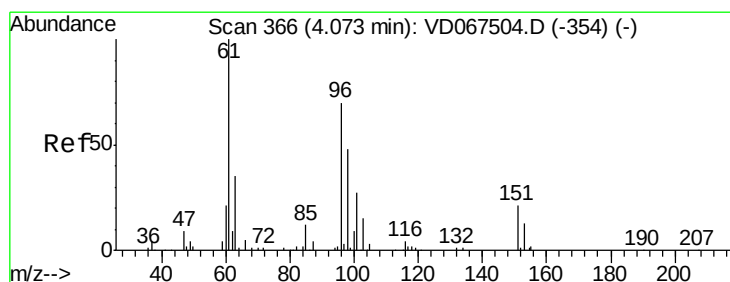
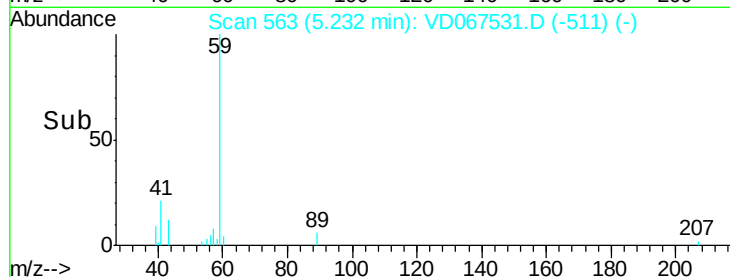
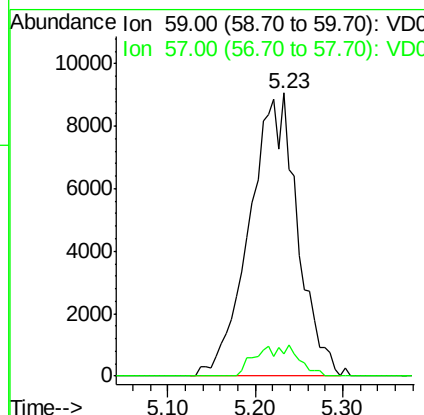
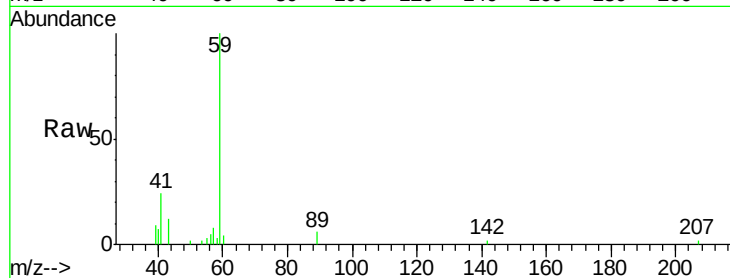


#11

Tert butyl alcohol
 Concen: 300.409 ug/l
 RT: 5.23 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

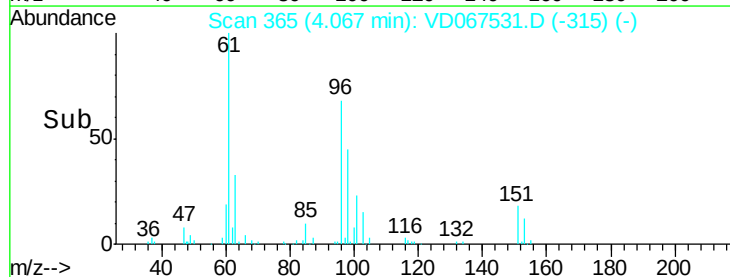
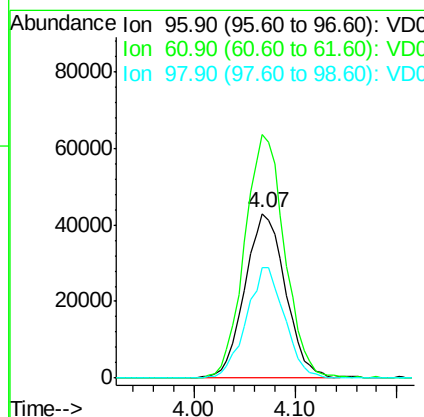
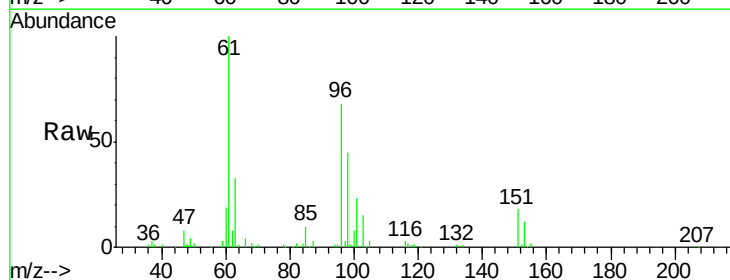
Tot Ion: 59 Resp: 34119
 Ion Ratio Lower Upper
 59 100
 57 4.6 5.9 8.9#

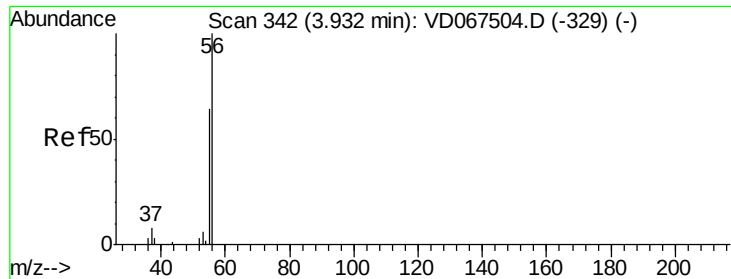


#12

1,1-Dichloroethene
 Concen: 46.860 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Tgt Ion: 96 Resp: 119508
 Ion Ratio Lower Upper
 96 100
 61 148.0 114.5 171.7
 98 67.1 54.5 81.7





#13

Acrolein

Concen: 317.618 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

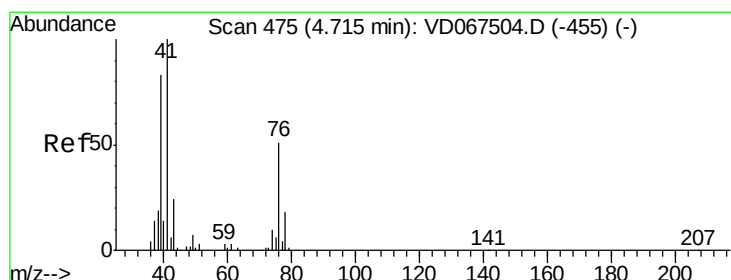
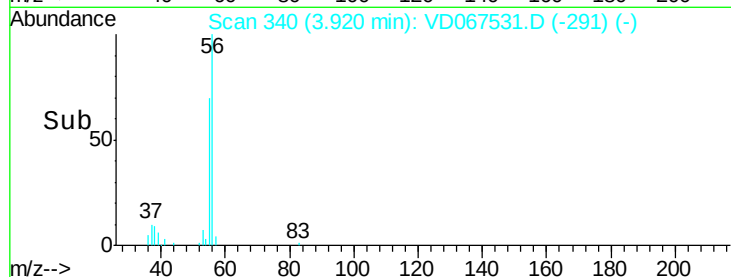
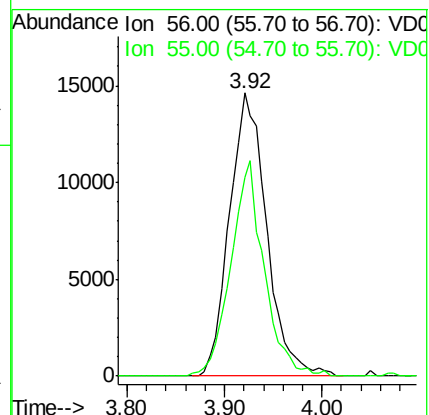
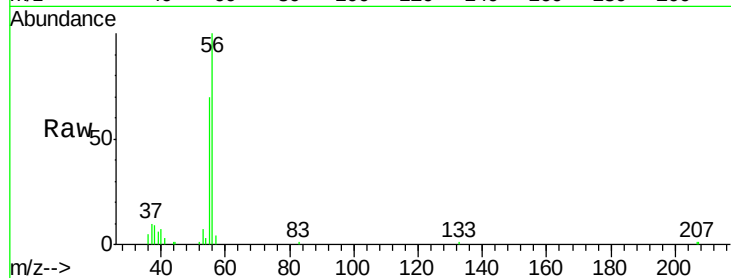
VSTDCCC050EC

Tot Ion: 56 Resp: 38691

Ion Ratio Lower Upper

56 100

55 68.2 55.8 83.8



#14

Allyl chloride

Concen: 48.403 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

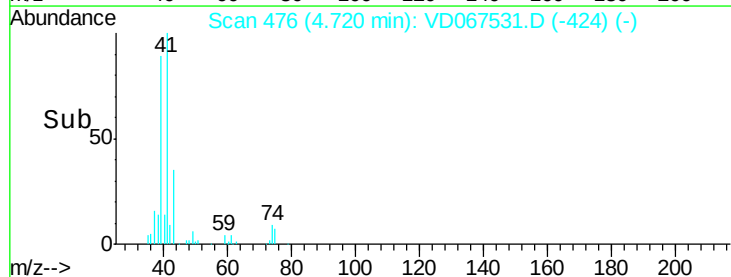
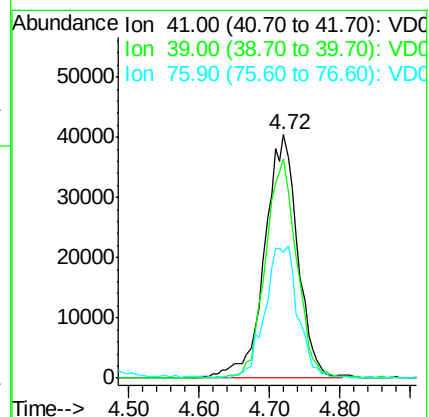
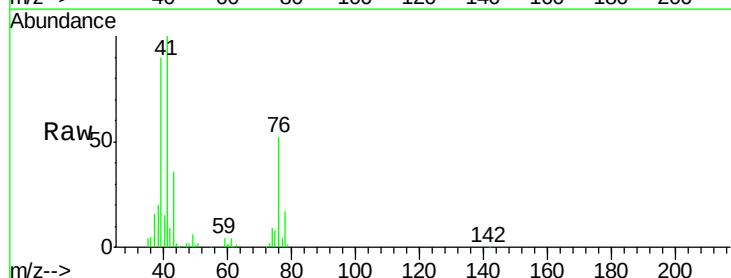
Tgt Ion: 41 Resp: 132115

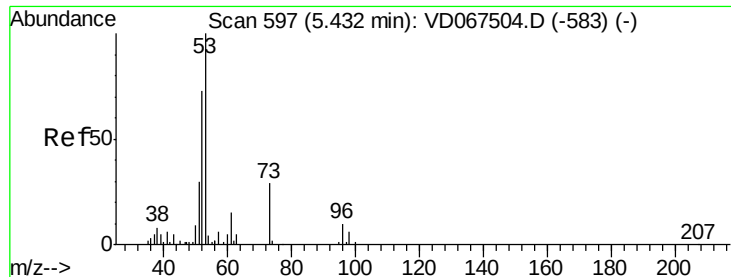
Ion Ratio Lower Upper

41 100

39 84.9 67.4 101.0

76 54.3 42.2 63.2





#15

Acrylonitrile

Concen: 272.295 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

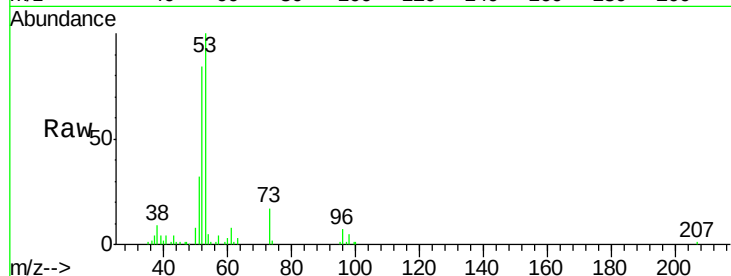
Tot Ion: 53 Resp: 111405

Ion Ratio Lower Upper

53 100

52 83.2 64.8 97.2

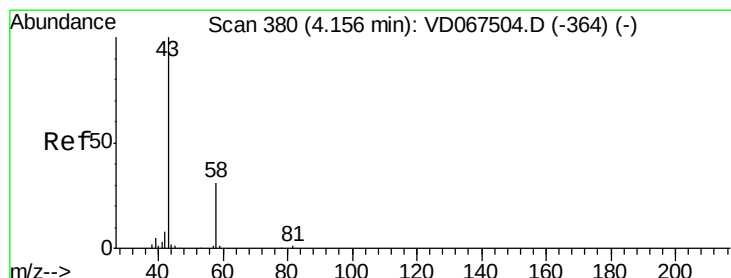
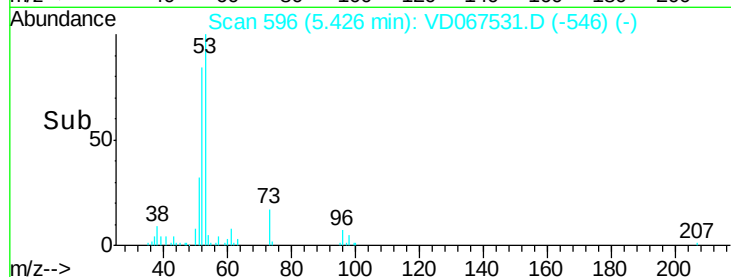
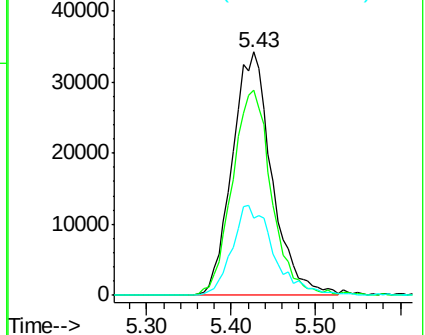
51 38.6 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 224.455 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067531.D

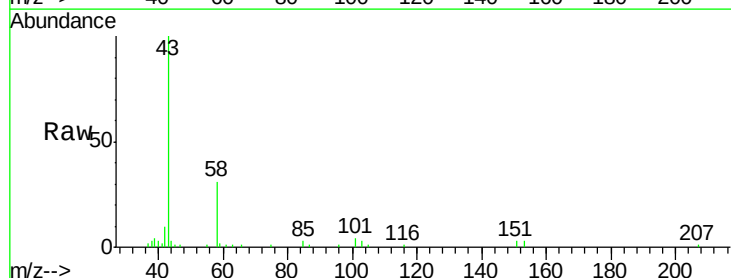
Acq: 04 Nov 2020 20:12

Tgt Ion: 43 Resp: 89740

Ion Ratio Lower Upper

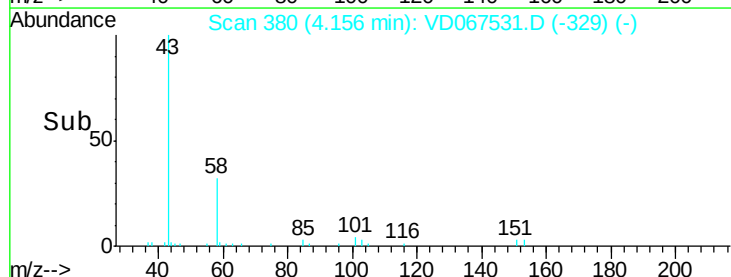
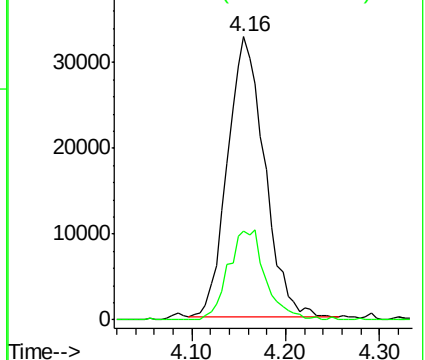
43 100

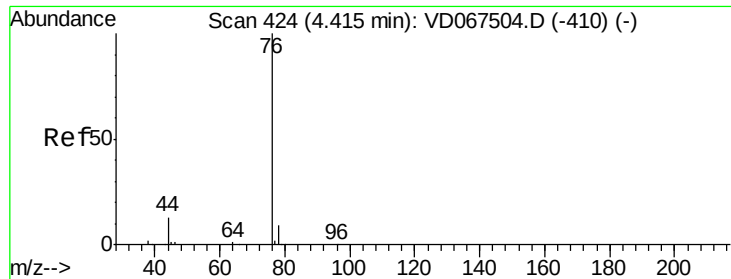
58 31.7 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

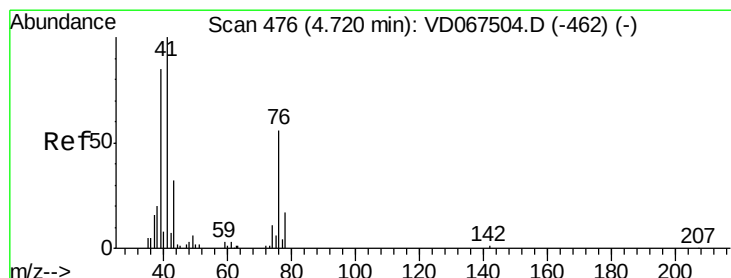
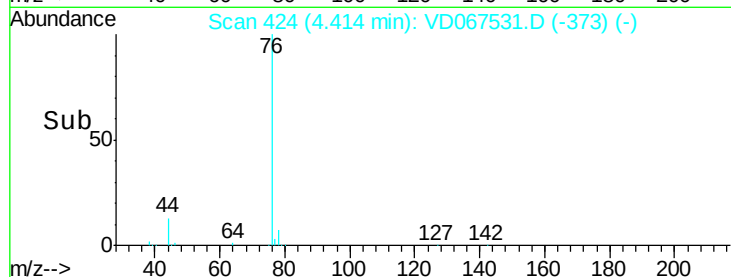
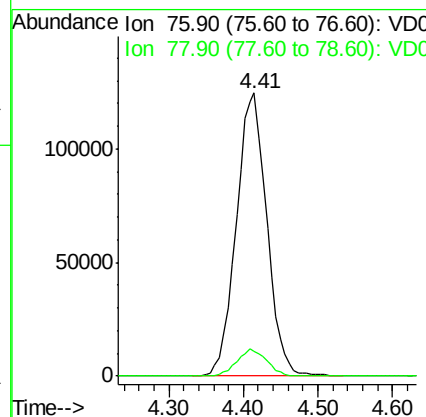
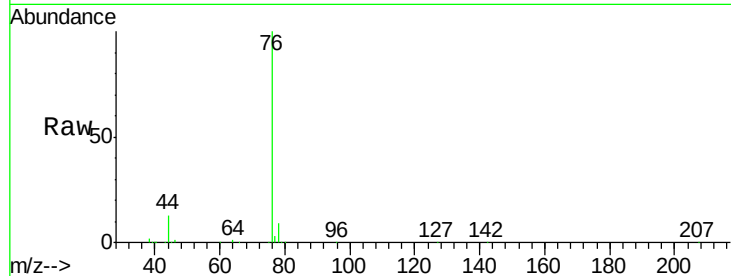




#17
Carbon Disulfide
Concen: 45.291 ug/l
RT: 4.41 min Scan# 424
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

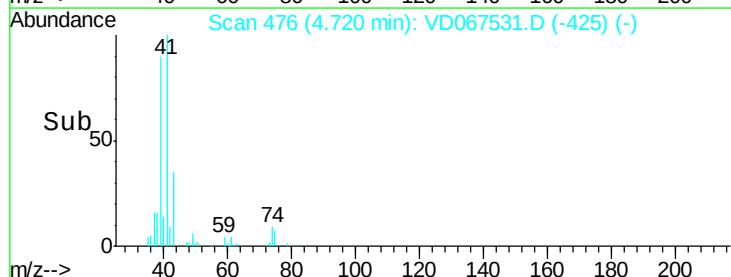
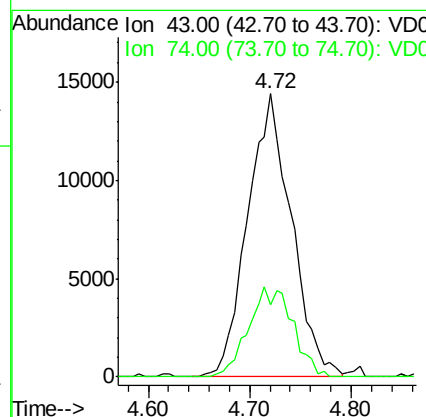
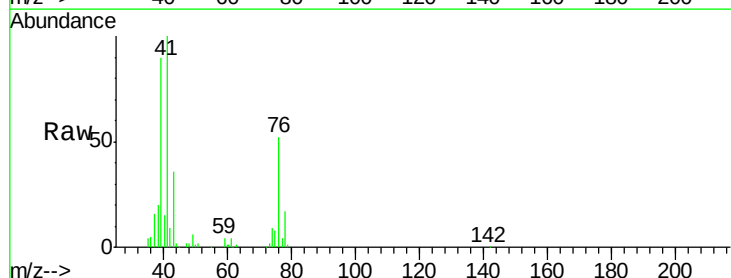
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

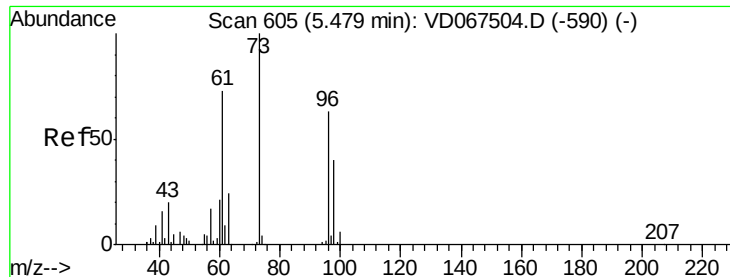
Tot Ion: 76 Resp: 353944
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 52.294 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion: 43 Resp: 43205
Ion Ratio Lower Upper
43 100
74 32.1 27.2 40.8

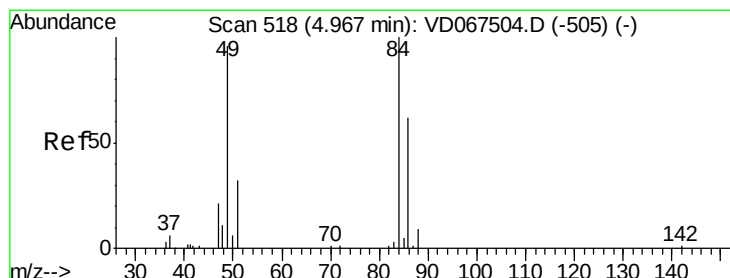
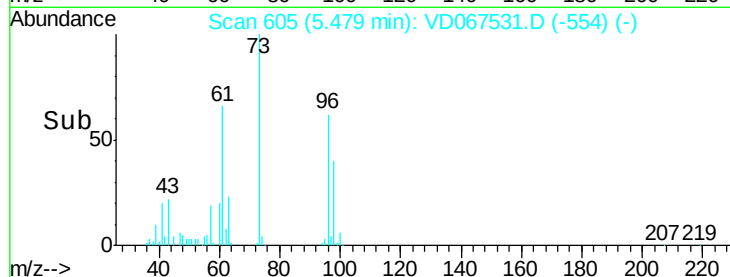
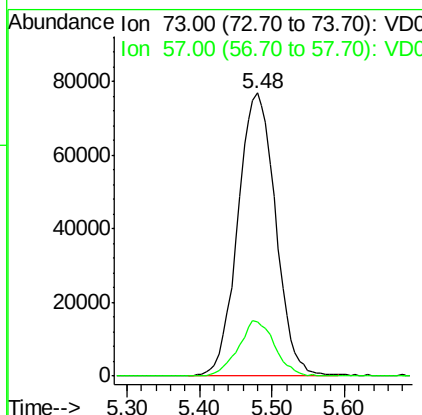
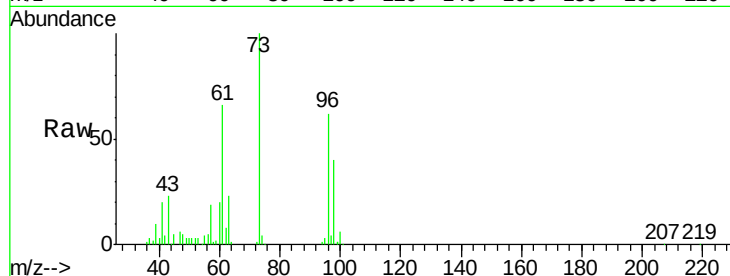




#19
Methyl tert-butyl Ether
Concen: 55.350 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

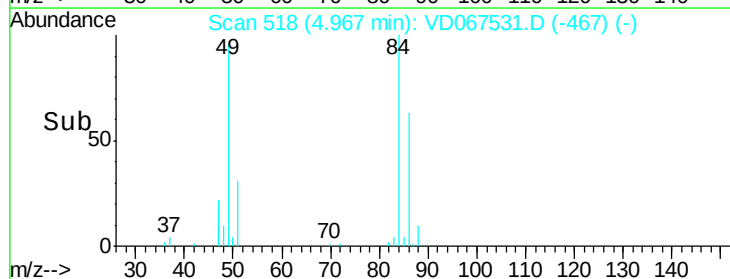
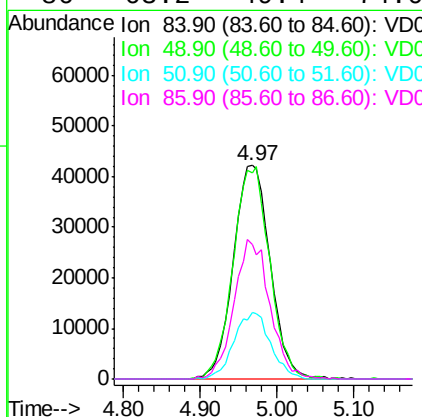
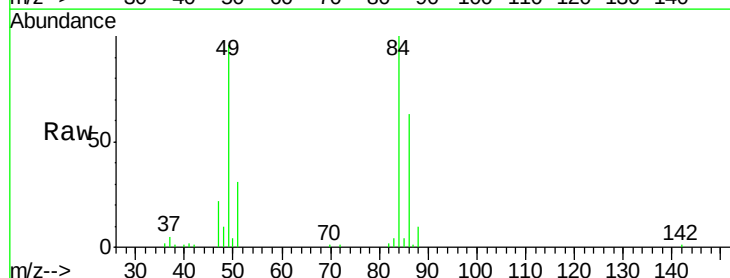
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

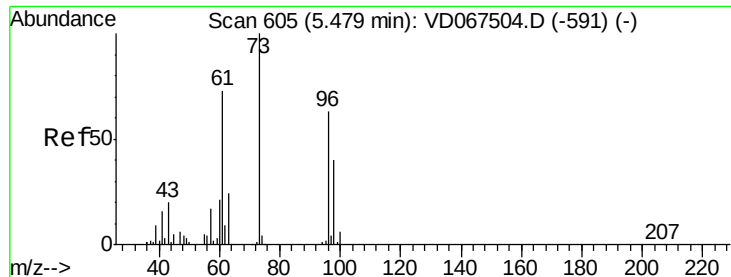
Tot Ion: 73 Resp: 278440
Ion Ratio Lower Upper
73 100
57 19.4 13.4 20.0



#20
Methylene Chloride
Concen: 50.196 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion: 84 Resp: 141765
Ion Ratio Lower Upper
84 100
49 96.5 77.0 115.4
51 31.5 25.4 38.2
86 63.2 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 47.092 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

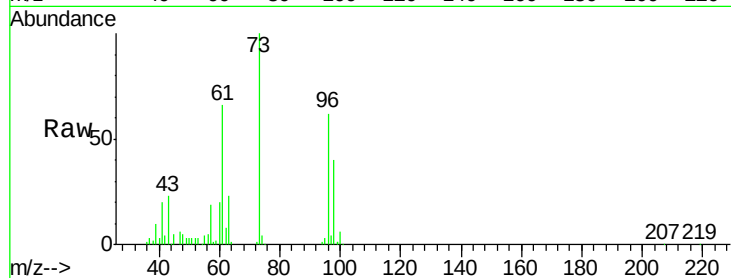
Tot Ion: 96 Resp: 139885

Ion Ratio Lower Upper

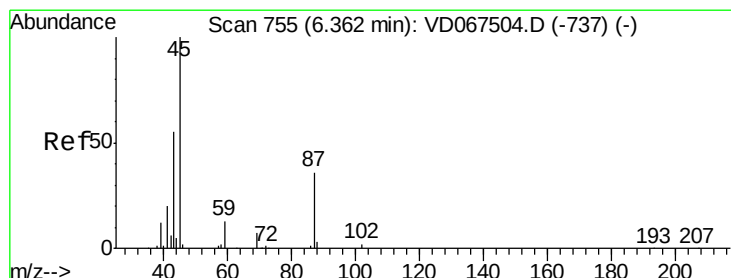
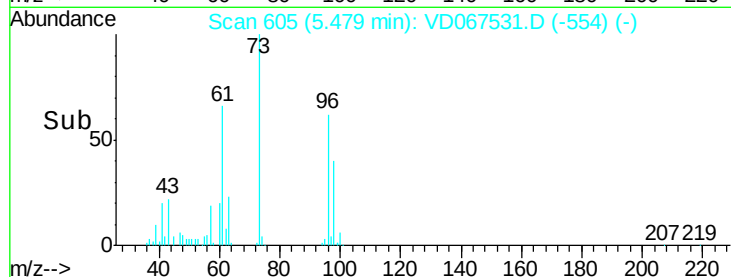
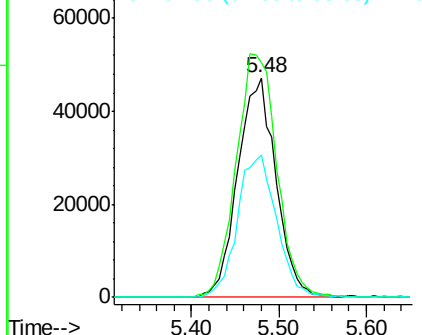
96 100

61 106.8 93.0 139.6

98 64.8 50.9 76.3



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



#22

Diisopropyl ether

Concen: 52.398 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Tgt Ion: 45 Resp: 278706

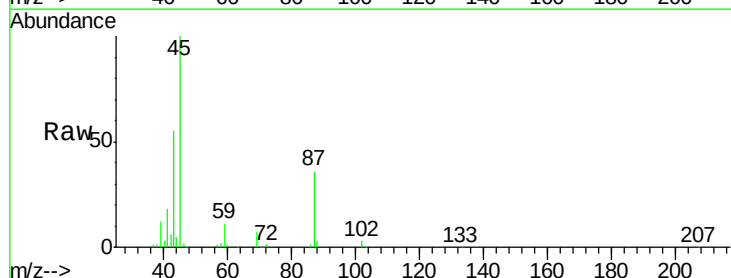
Ion Ratio Lower Upper

45 100

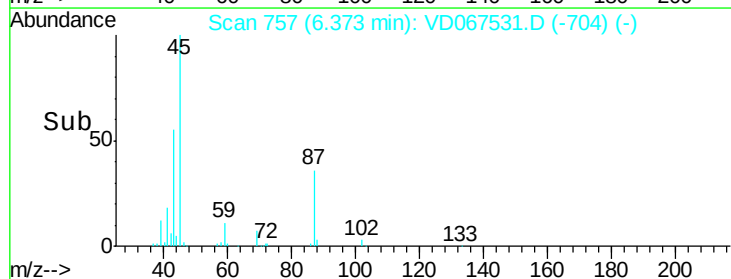
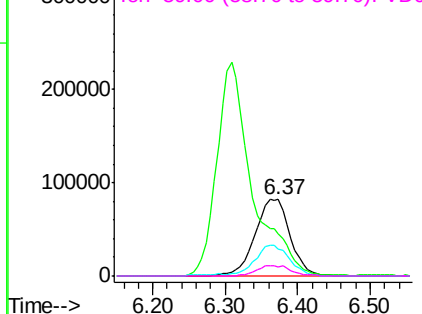
43 53.6 46.2 69.4

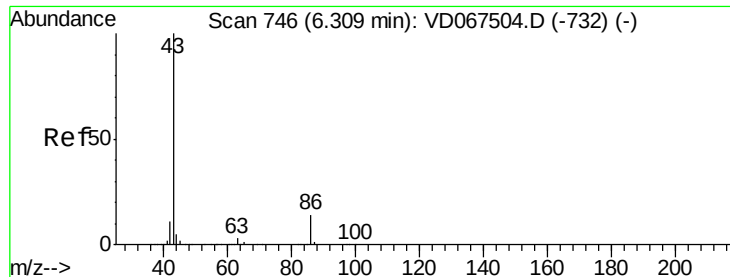
87 35.7 29.4 44.2

59 10.8 10.8 16.2



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





#23

Vinyl Acetate

Concen: 280.757 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

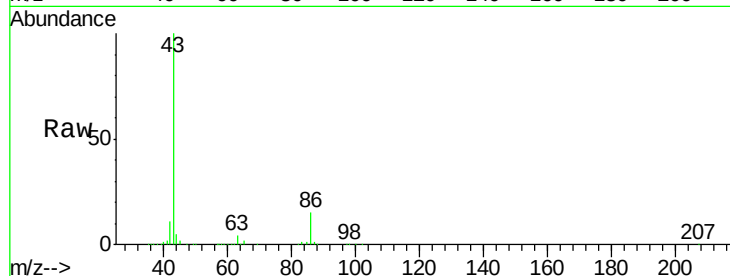
VSTDCCC050EC

Tot Ion: 43 Resp: 781694

Ion Ratio Lower Upper

43 100

86 14.9 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

250000

200000

150000

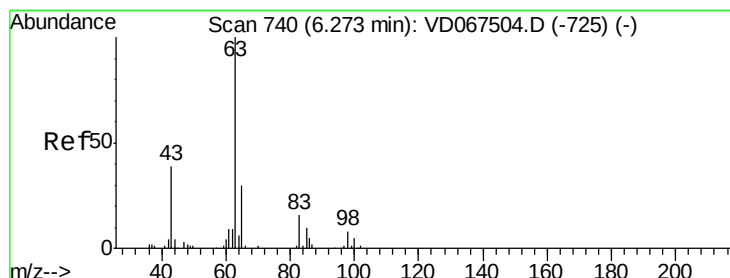
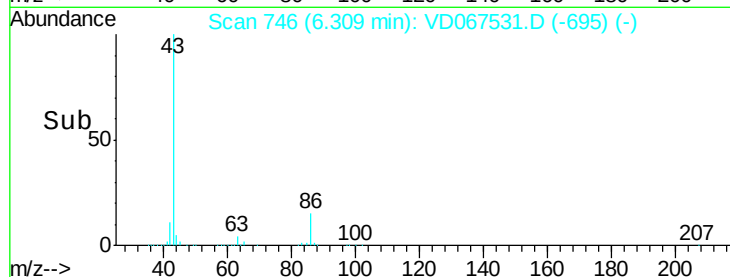
100000

50000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 48.670 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

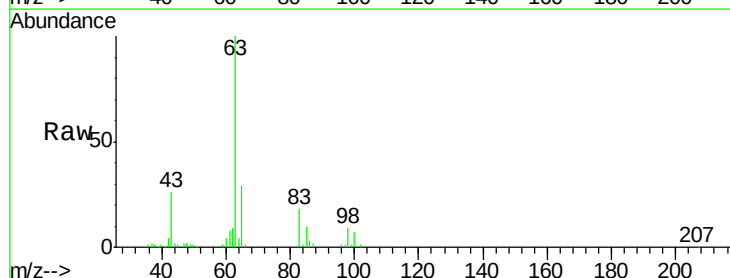
Tgt Ion: 63 Resp: 211783

Ion Ratio Lower Upper

63 100

98 8.6 3.9 11.5

100 6.7 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

80000

60000

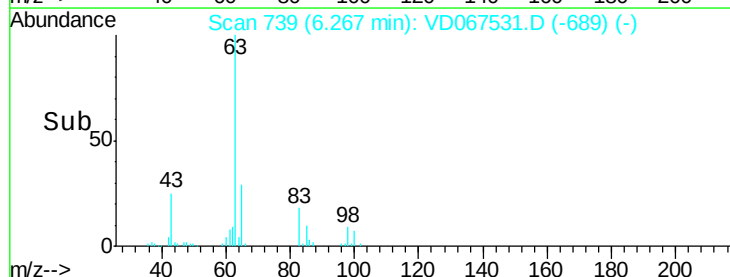
40000

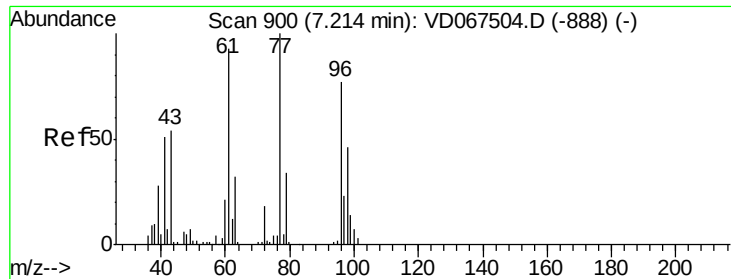
20000

0

Time-->

6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 270.775 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

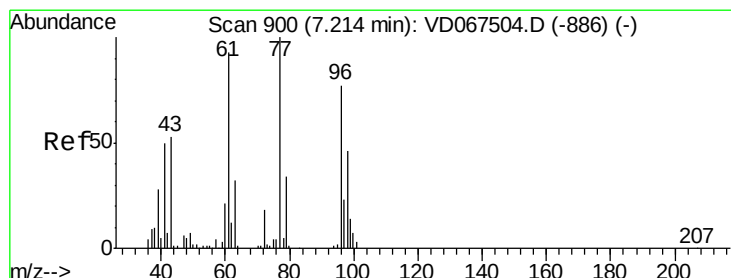
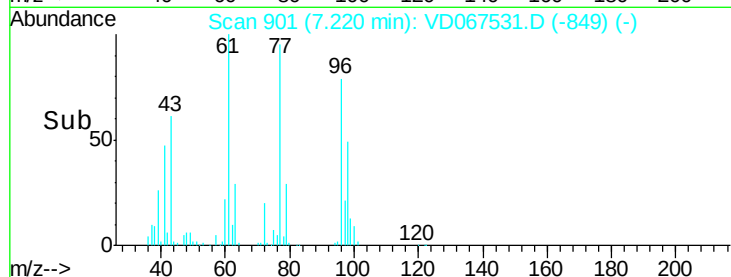
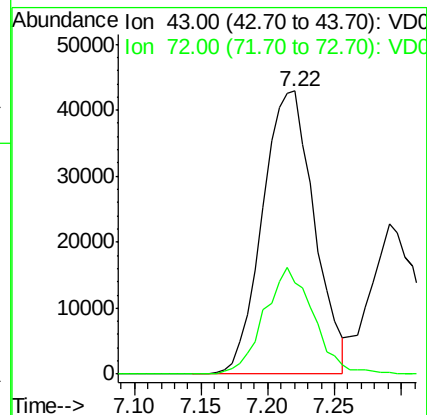
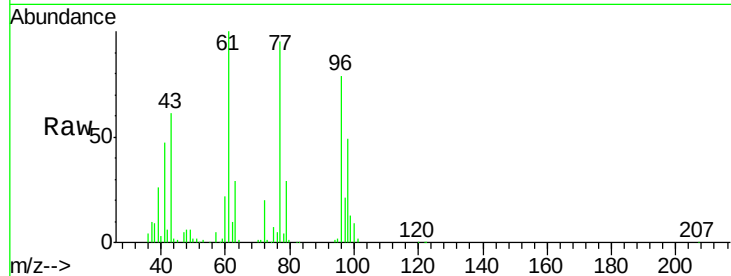
VSTDCCC050EC

Tot Ion: 43 Resp: 115678

Ion Ratio Lower Upper

43 100

72 32.3 26.4 39.6



#26

2,2-Dichloropropane

Concen: 45.713 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067531.D

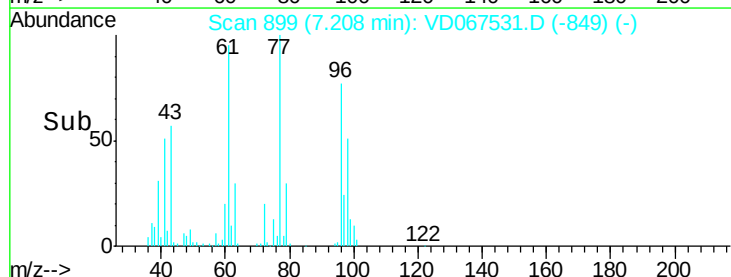
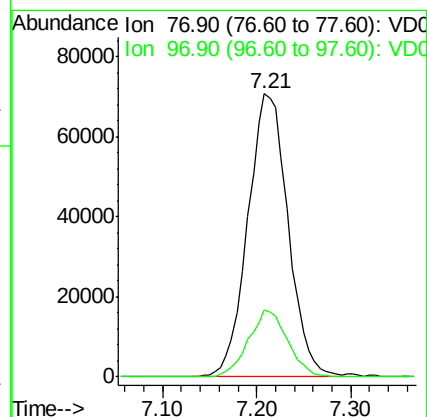
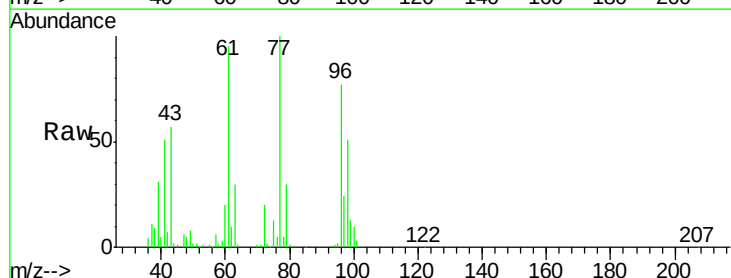
Acq: 04 Nov 2020 20:12

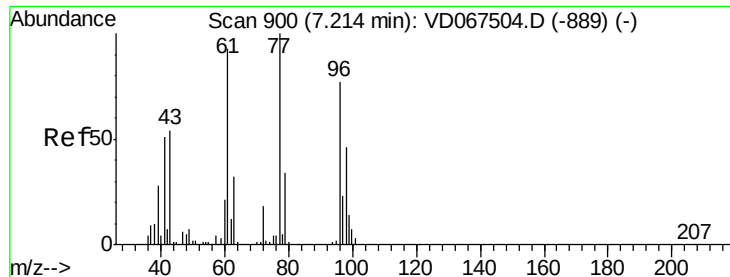
Tgt Ion: 77 Resp: 209937

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.3

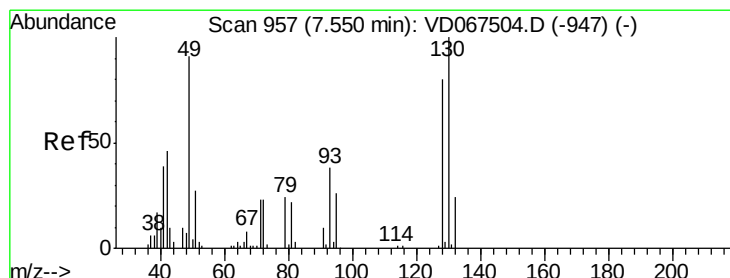
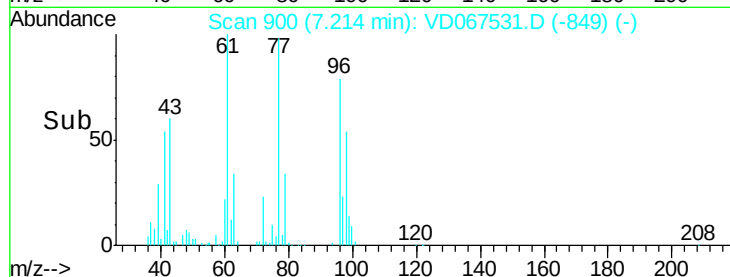
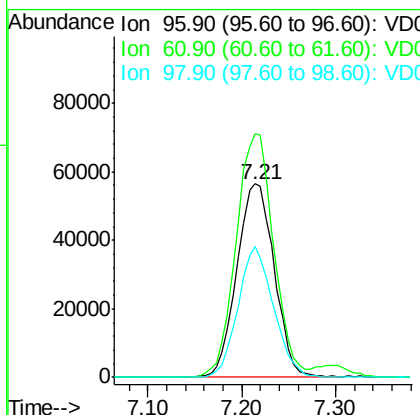
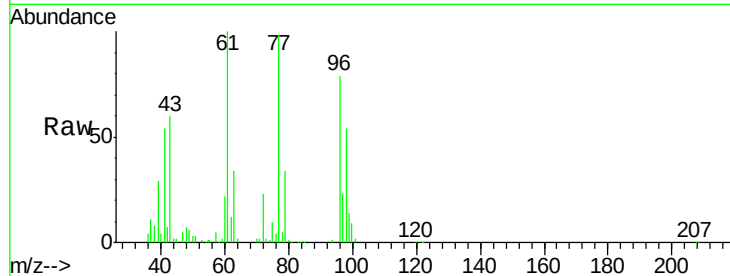




#27
 cis-1,2-Dichloroethene
 Concen: 50.572 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

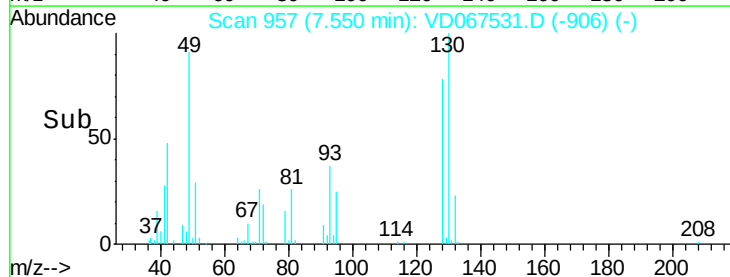
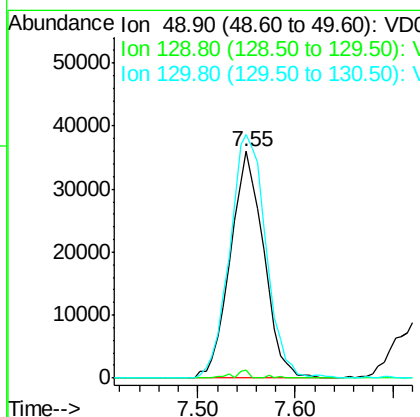
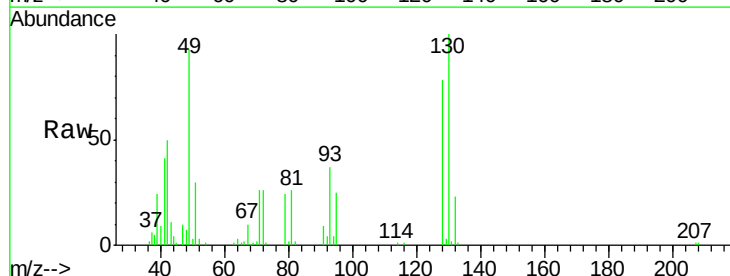
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

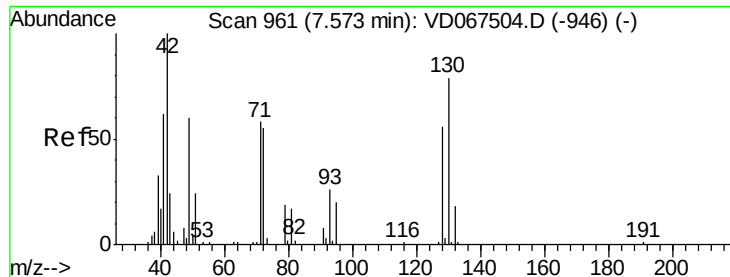
Tot Ion: 96 Resp: 155925
 Ion Ratio Lower Upper
 96 100
 61 126.5 0.0 251.6
 98 64.0 0.0 128.0



#28
 Bromochloromethane
 Concen: 55.358 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Tgt Ion: 49 Resp: 85684
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 6.4
 130 116.0 94.6 142.0

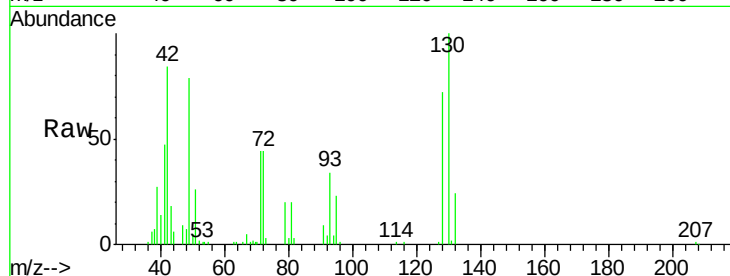




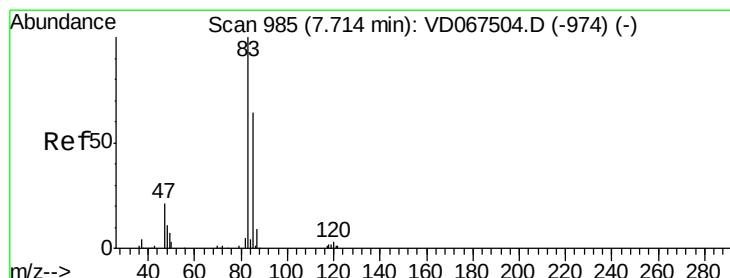
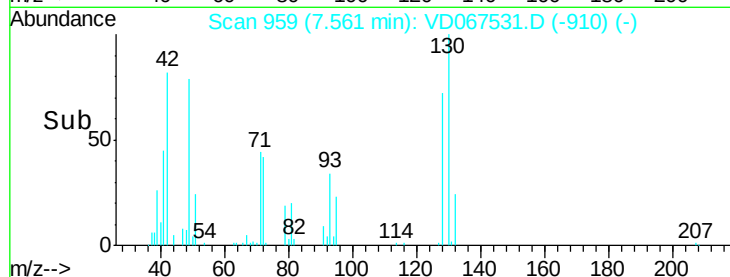
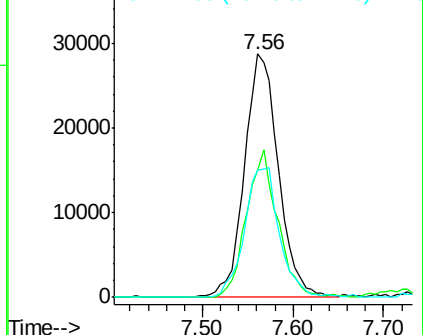
#29
Tetrahydrofuran
Concen: 291.984 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 74719
Ion Ratio Lower Upper
42 100
72 55.5 46.3 69.5
71 54.9 44.0 66.0

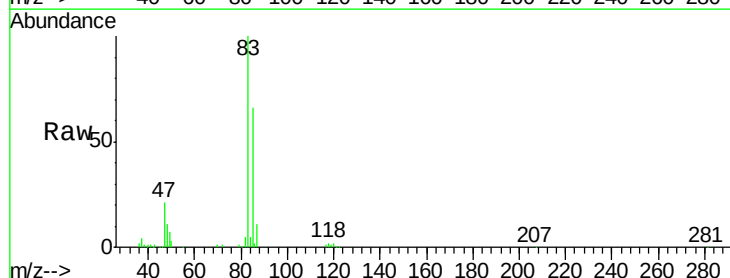


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

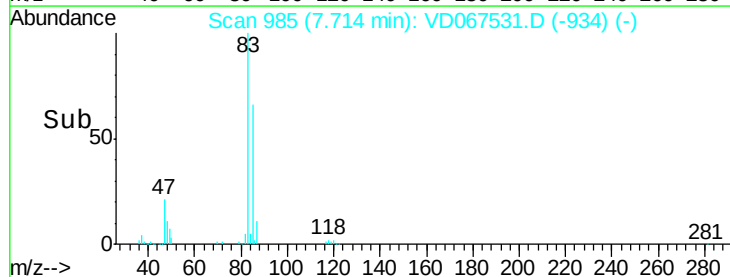
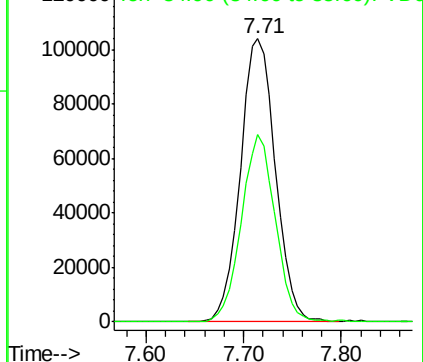


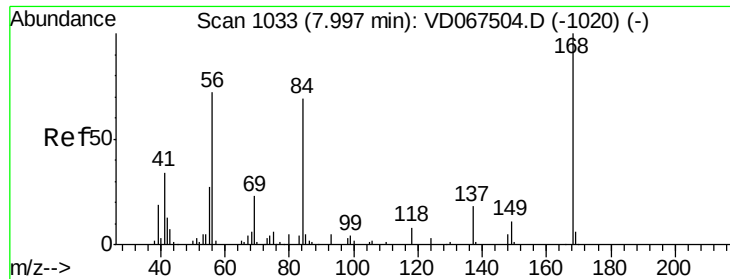
#30
Chloroform
Concen: 50.415 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion: 83 Resp: 261719
Ion Ratio Lower Upper
83 100
85 66.4 51.5 77.3



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

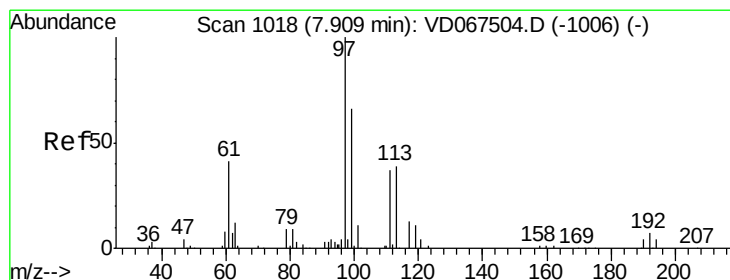
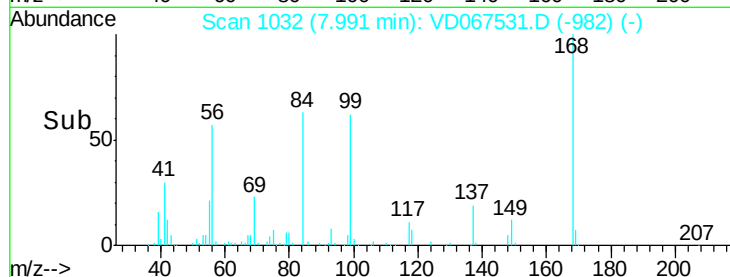
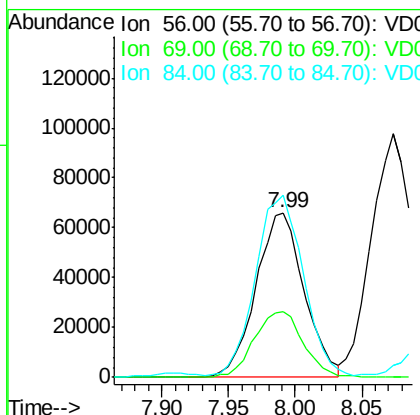
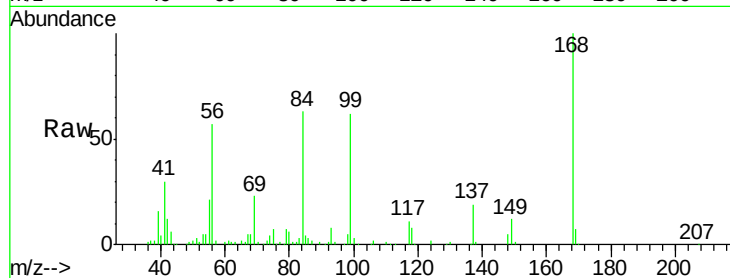




#31
Cyclohexane
Concen: 42.447 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

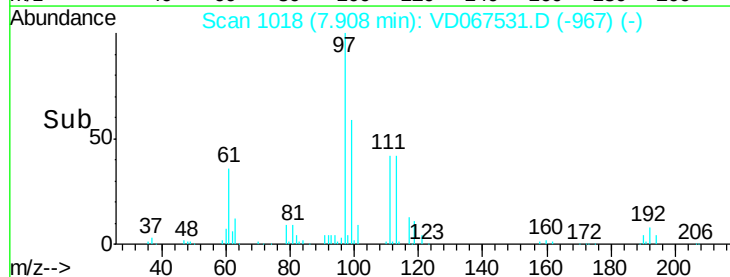
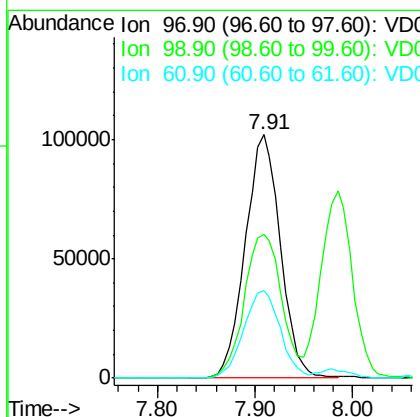
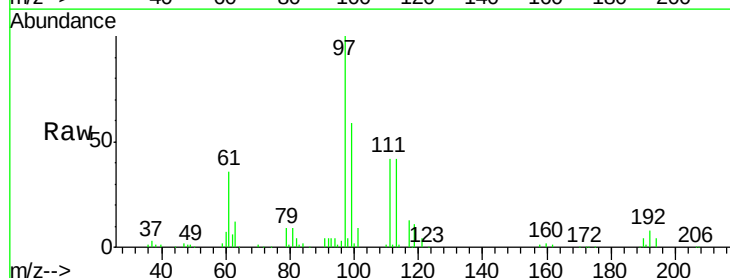
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

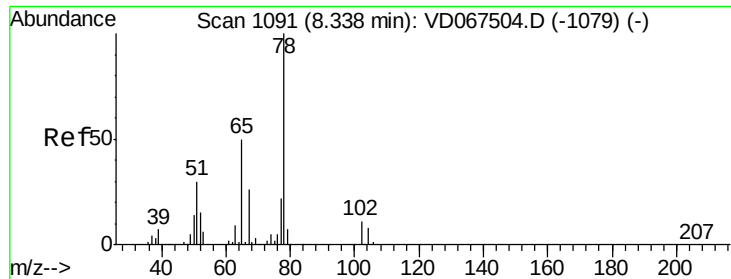
Tot Ion: 56 Resp: 164485
Ion Ratio Lower Upper
56 100
69 39.7 25.9 38.9#
84 109.1 76.2 114.4



#32
1,1,1-Trichloroethane
Concen: 47.867 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion: 97 Resp: 256386
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 37.3 30.5 45.7

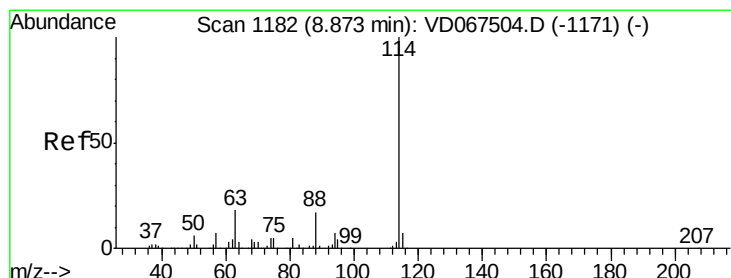
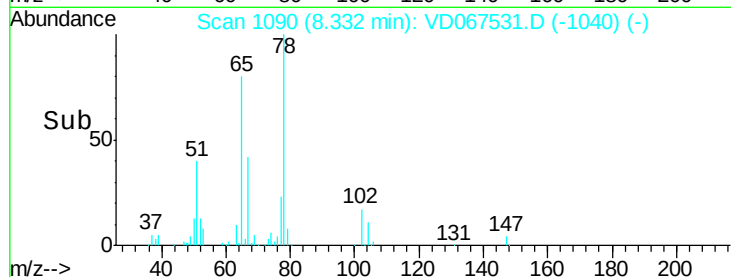
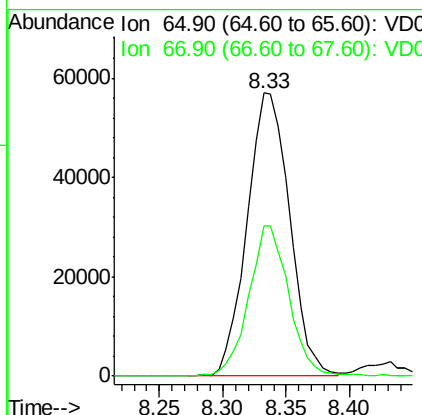
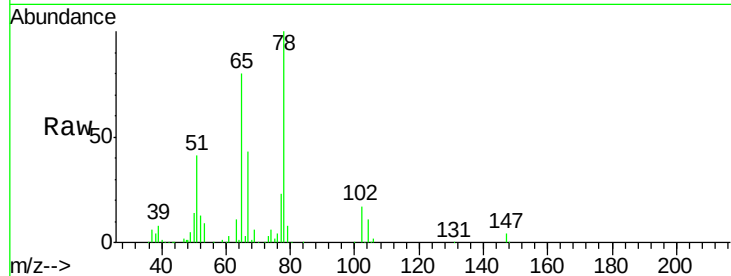




#33
 1,2-Dichloroethane-d4
 Concen: 49.854 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

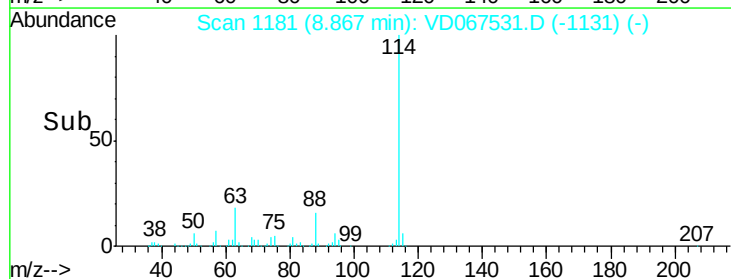
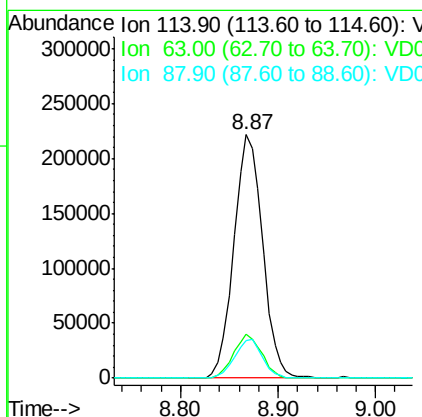
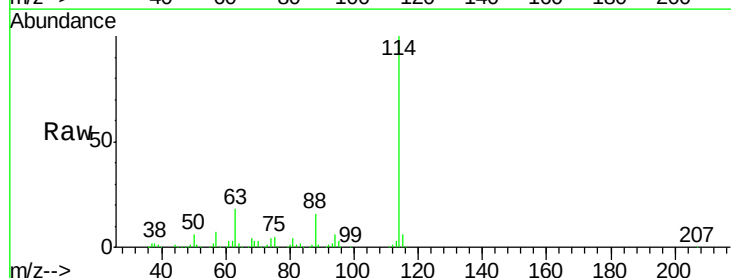
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

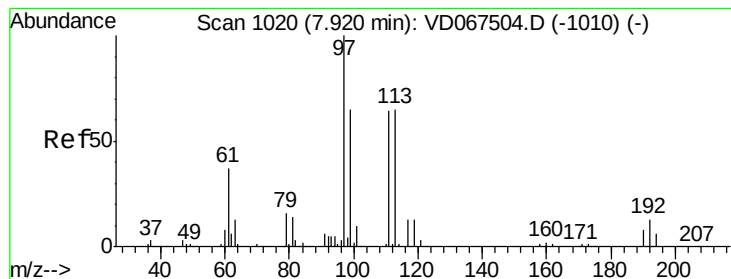
Tot Ion: 65 Resp: 133198
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Tgt Ion: 114 Resp: 452884
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.0
 88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.066 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

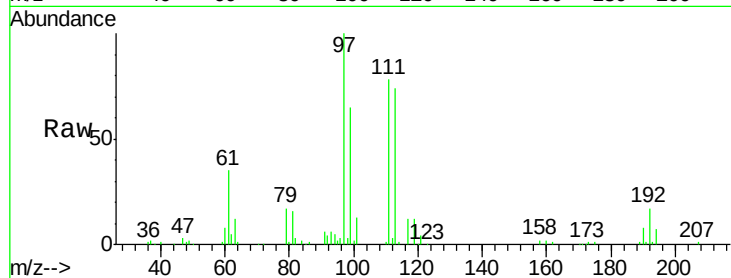
Tot Ion:113 Resp: 133882

Ion Ratio Lower Upper

113 100

111 104.2 80.0 120.0

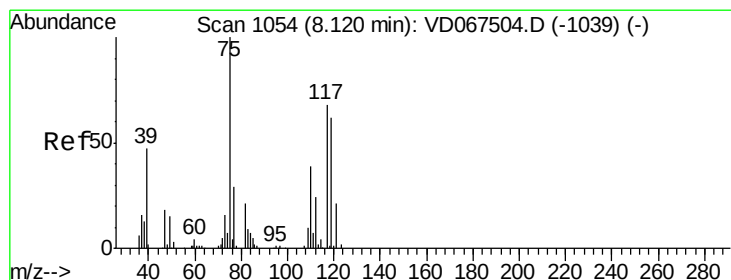
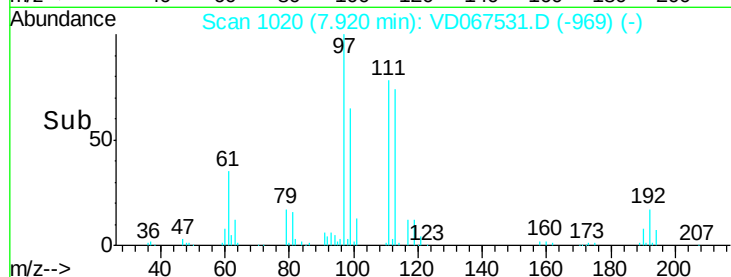
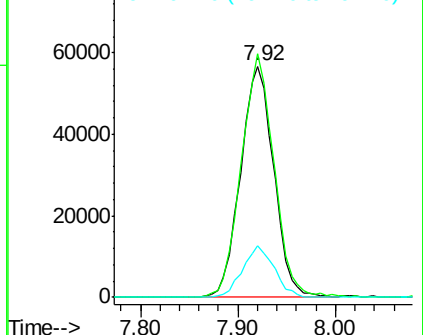
192 21.4 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.437 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

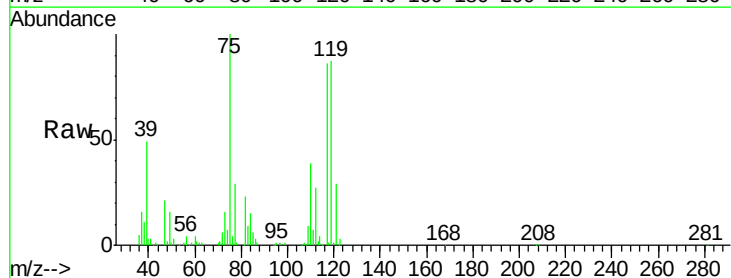
Tgt Ion: 75 Resp: 183893

Ion Ratio Lower Upper

75 100

110 38.5 19.9 59.7

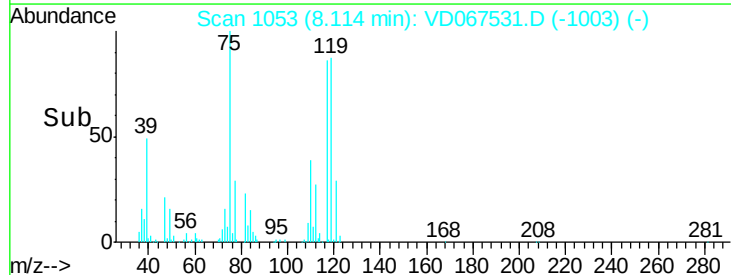
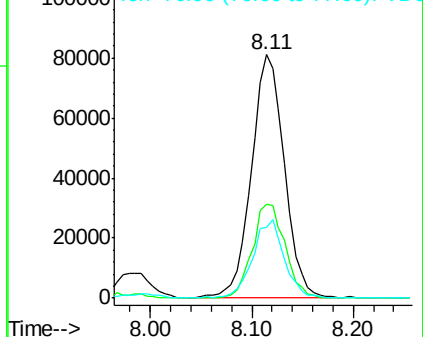
77 31.0 24.8 37.2

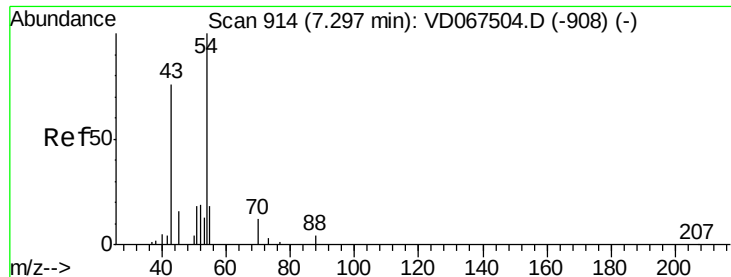


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

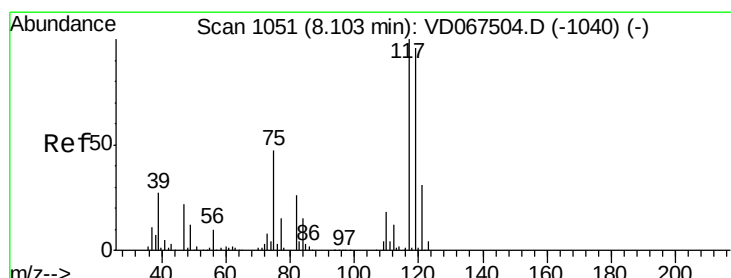
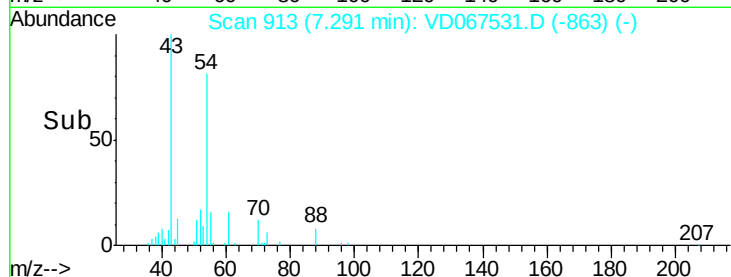
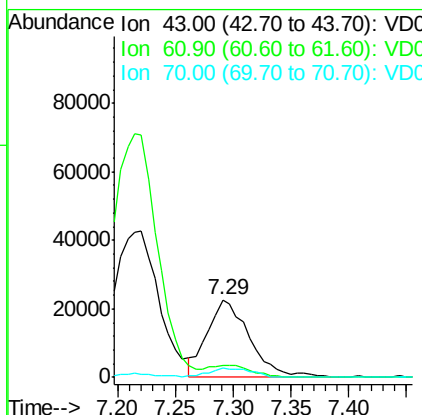
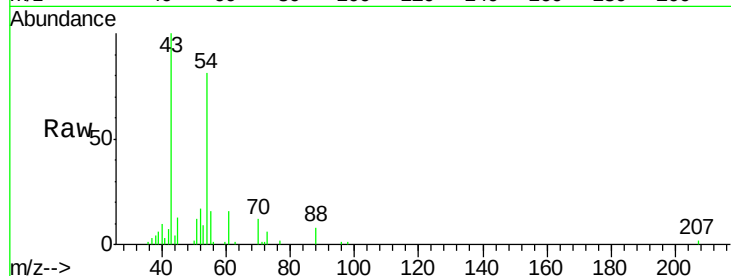




#37
Ethyl Acetate
Concen: 57.181 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

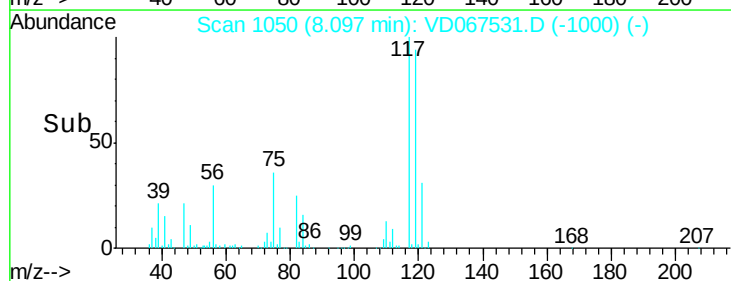
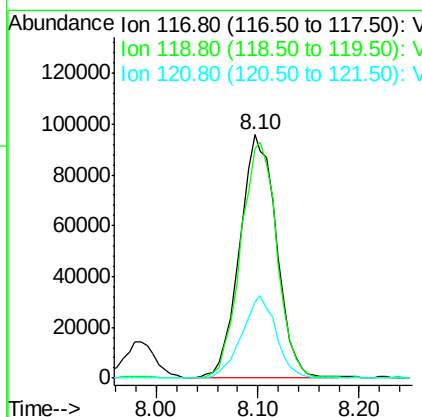
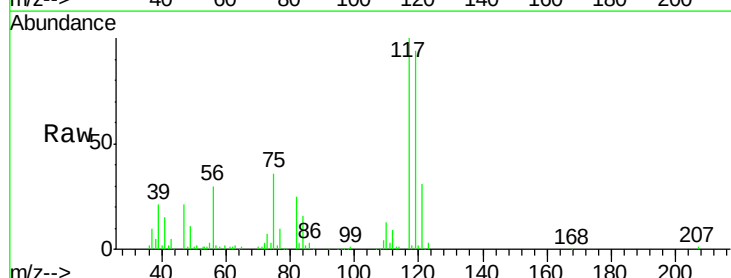
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

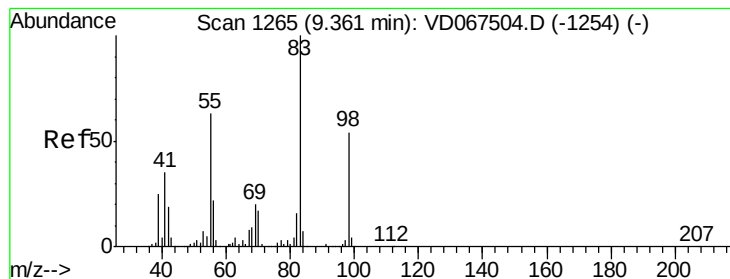
Tot Ion: 43 Resp: 57549
Ion Ratio Lower Upper
43 100
61 15.4 12.8 19.2
70 12.2 11.7 17.5



#38
Carbon Tetrachloride
Concen: 47.674 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion: 117 Resp: 240125
Ion Ratio Lower Upper
117 100
119 94.5 76.9 115.3
121 31.0 24.5 36.7





#39

Methylvlcyclohexane

Concen: 47.477 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

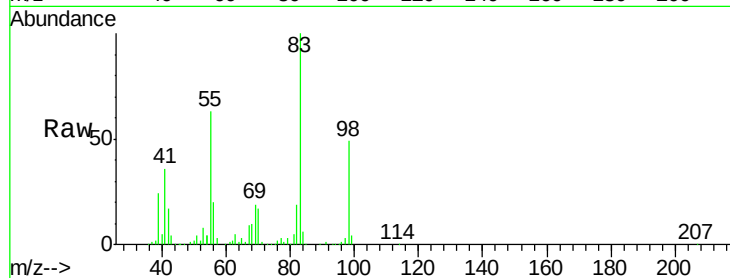
Tot Ion: 83 Resp: 216622

Ion Ratio Lower Upper

83 100

55 63.0 50.5 75.7

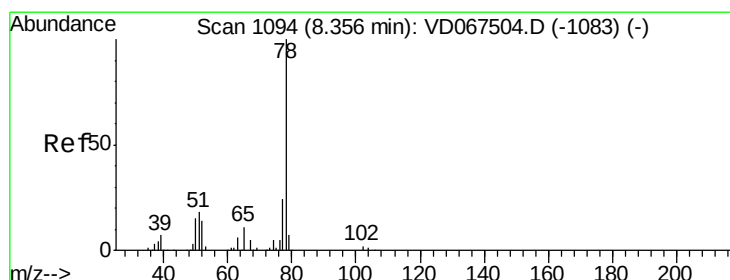
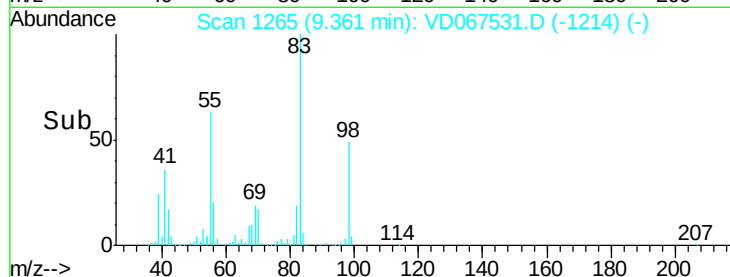
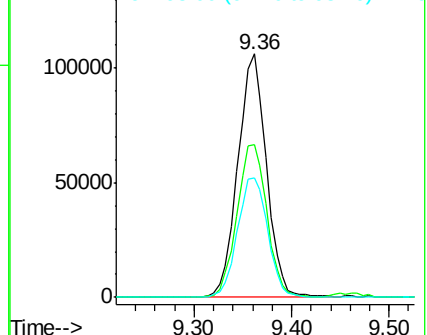
98 48.9 43.4 65.0



Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 49.894 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VD067531.D

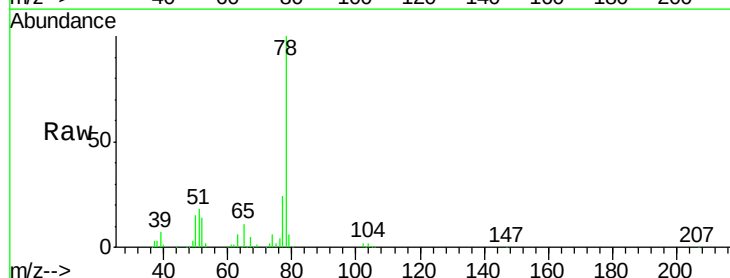
Acq: 04 Nov 2020 20:12

Tgt Ion: 78 Resp: 523926

Ion Ratio Lower Upper

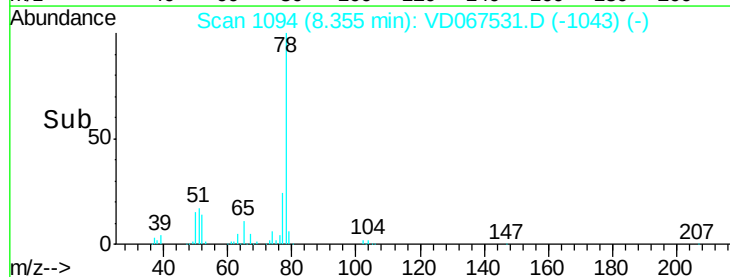
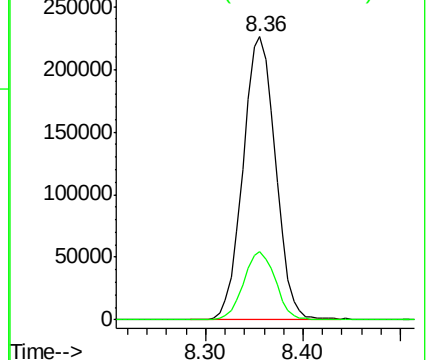
78 100

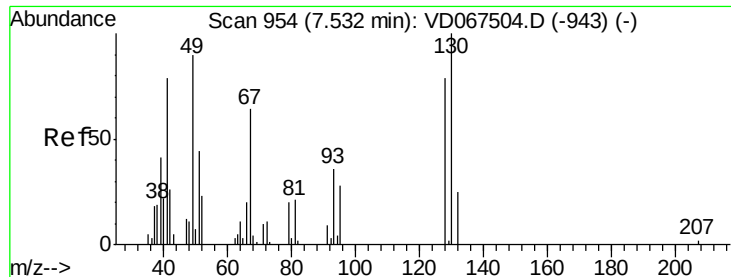
77 24.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 48.990 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 29472

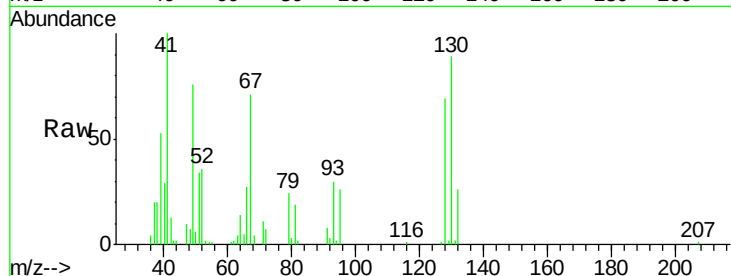
Ion Ratio Lower Upper

41 100

39 67.7 51.3 76.9

67 102.3 78.9 118.3

52 39.0 31.4 47.2

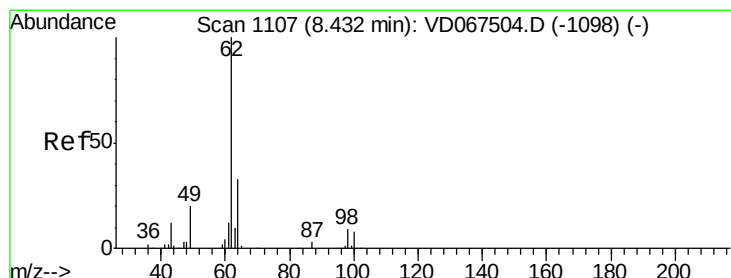
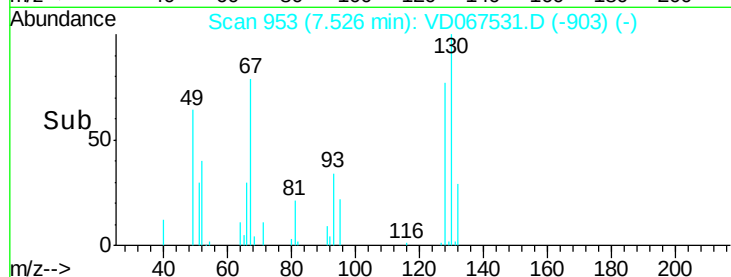
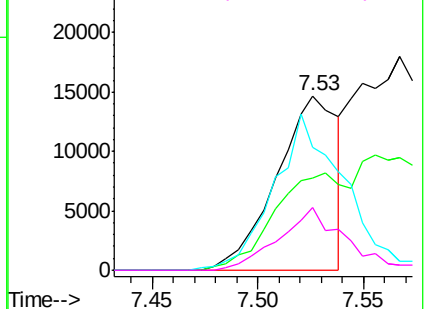


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 50.275 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD067531.D

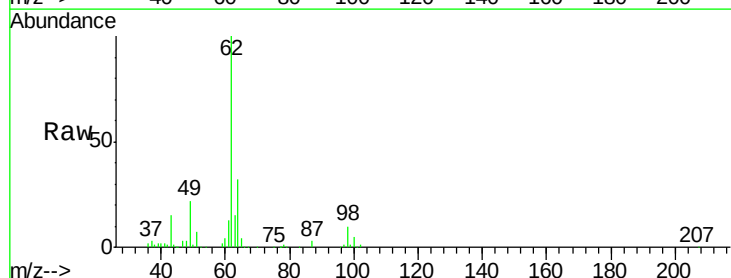
Acq: 04 Nov 2020 20:12

Tgt Ion: 62 Resp: 163113

Ion Ratio Lower Upper

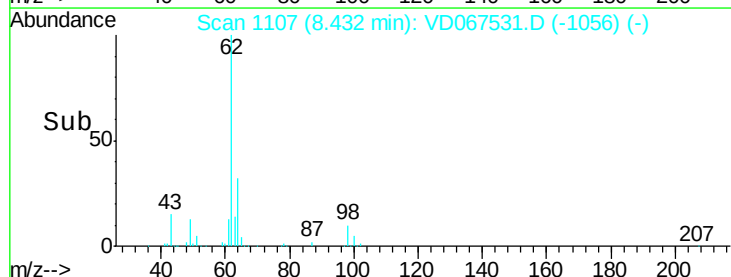
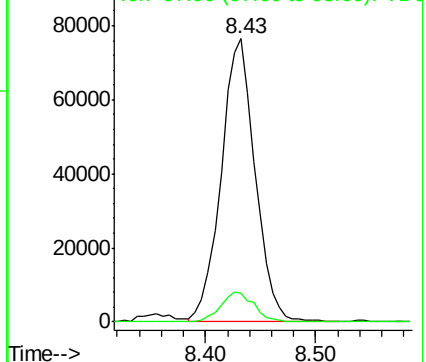
62 100

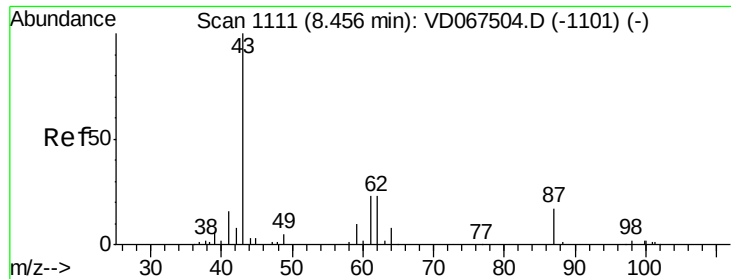
98 10.3 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 53.300 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

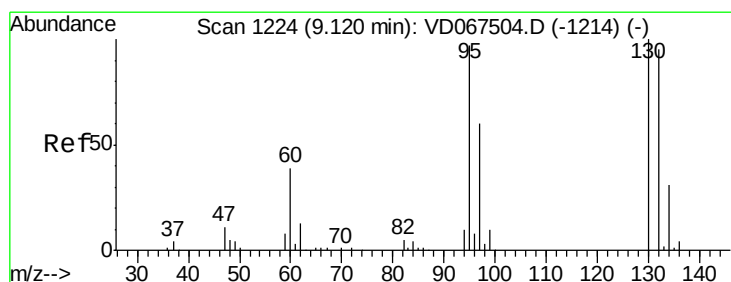
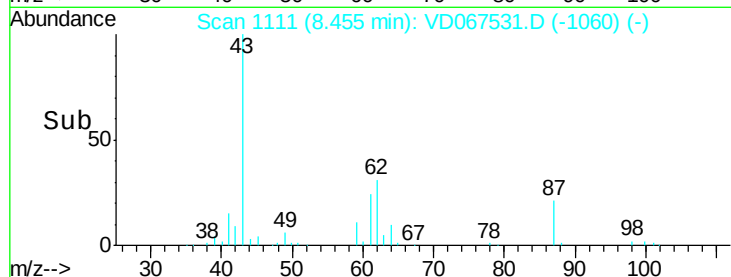
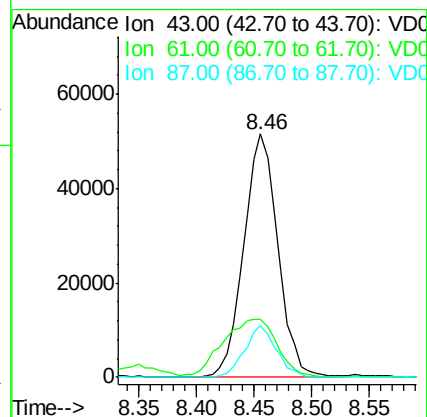
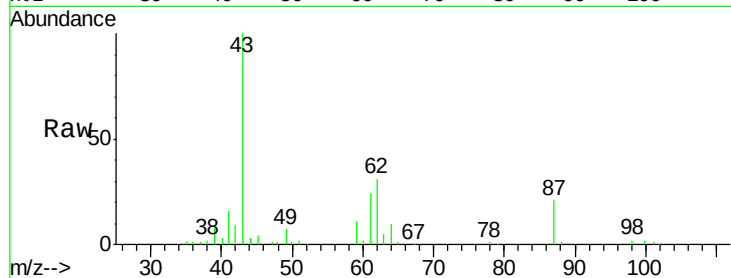
Tot Ion: 43 Resp: 106089

Ion Ratio Lower Upper

43 100

61 38.0 30.5 45.7

87 19.5 14.7 22.1



#44

Trichloroethene

Concen: 47.094 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD067531.D

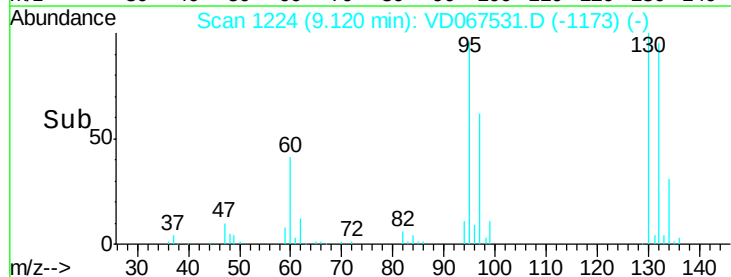
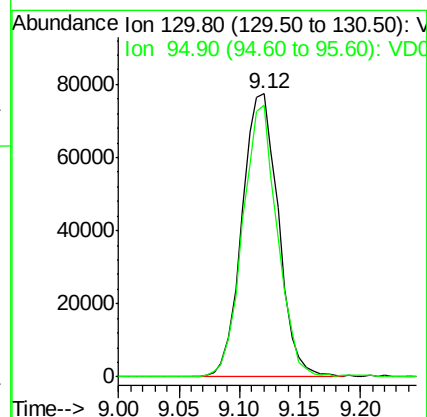
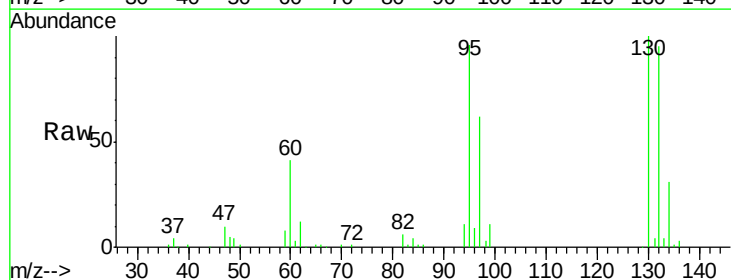
Acq: 04 Nov 2020 20:12

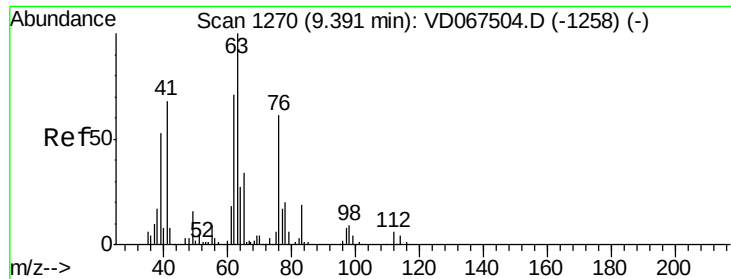
Tgt Ion:130 Resp: 162605

Ion Ratio Lower Upper

130 100

95 96.1 0.0 194.4

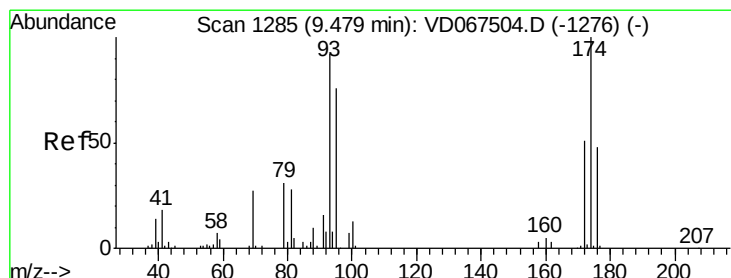
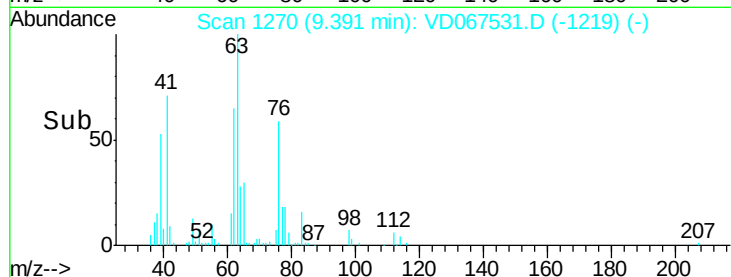
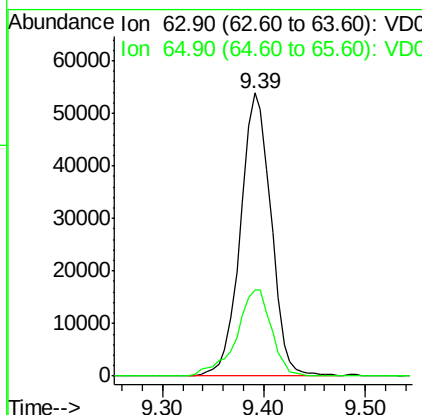
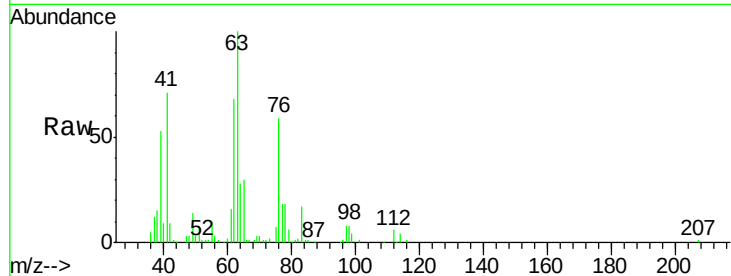




#45
 1,2-Dichloropropane
 Concen: 49.822 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

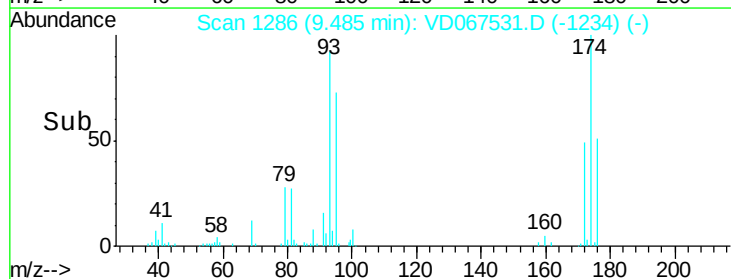
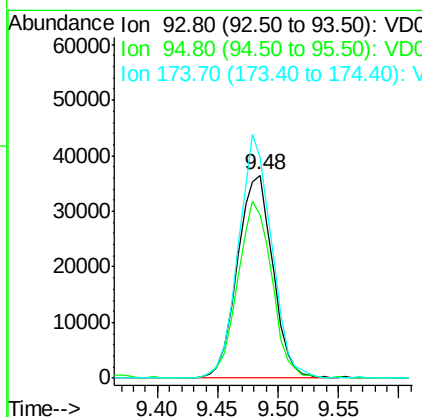
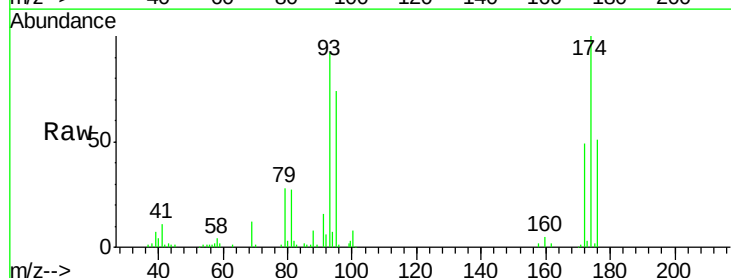
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

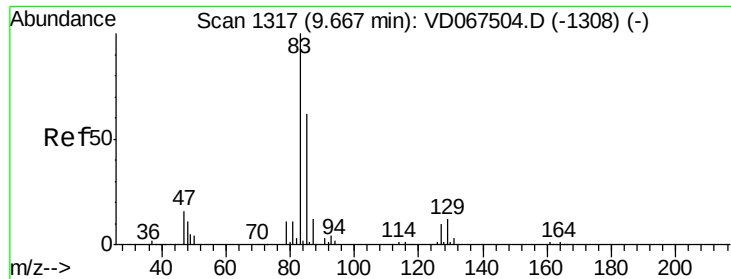
Tot Ion: 63 Resp: 113113
 Ion Ratio Lower Upper
 63 100
 65 30.3 26.9 40.3



#46
 Dibromomethane
 Concen: 51.781 ug/l
 RT: 9.48 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Tgt Ion: 93 Resp: 74749
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.4 99.6
 174 112.4 88.2 132.4

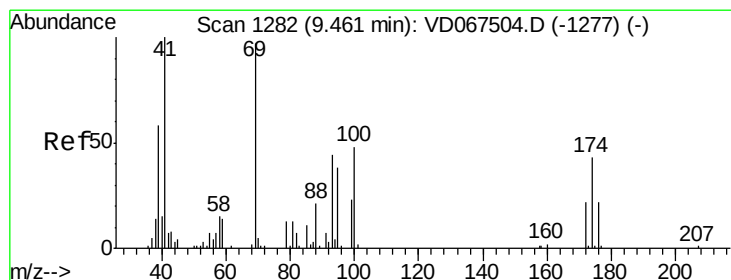
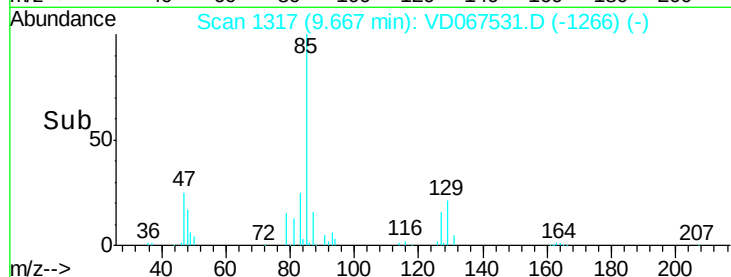
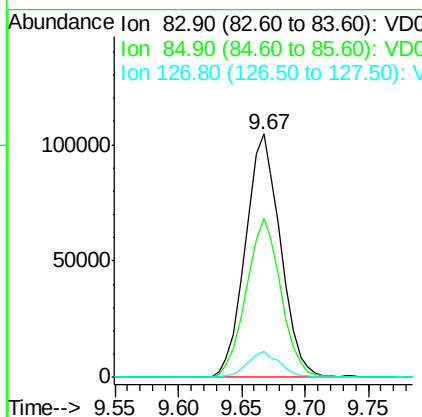
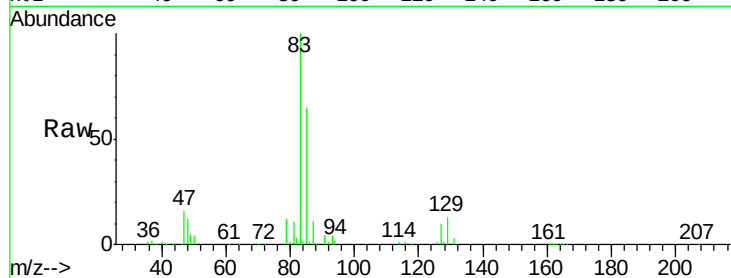




#47
Bromodichloromethane
Concen: 51.426 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

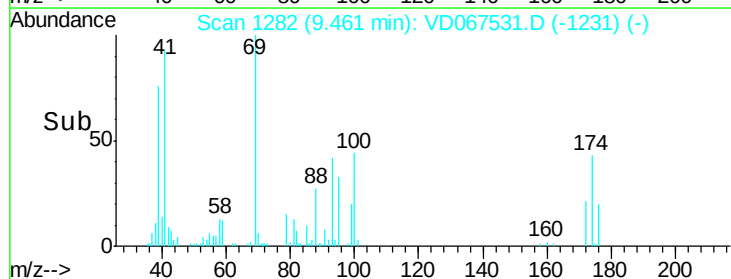
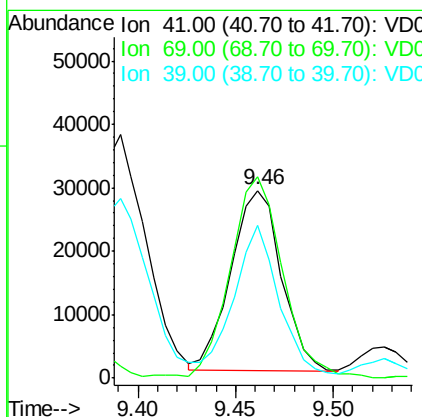
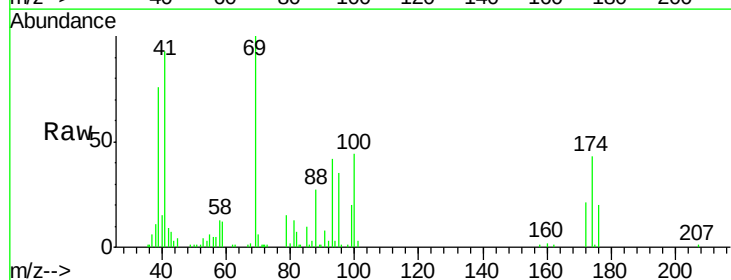
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

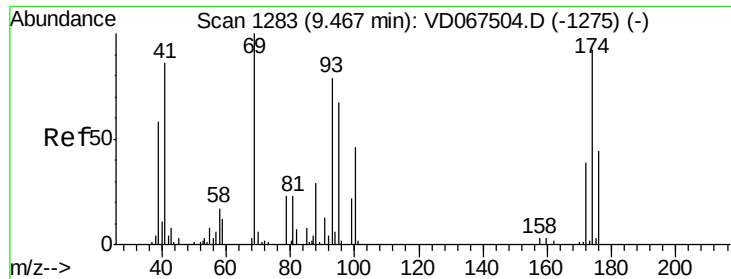
Tot Ion: 83 Resp: 201776
Ion Ratio Lower Upper
83 100
85 65.1 49.4 74.2
127 10.4 7.7 11.5



#48
Methyl methacrylate
Concen: 49.552 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion: 41 Resp: 50925
Ion Ratio Lower Upper
41 100
69 116.4 80.6 121.0
39 76.9 50.2 75.4#

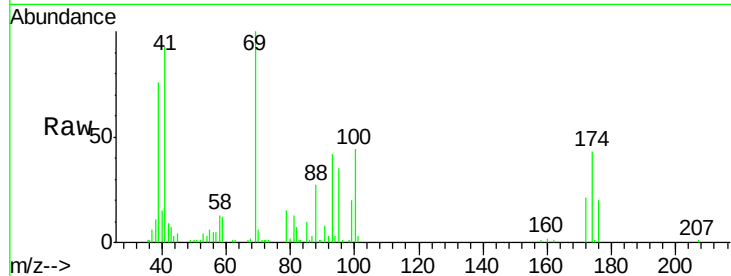




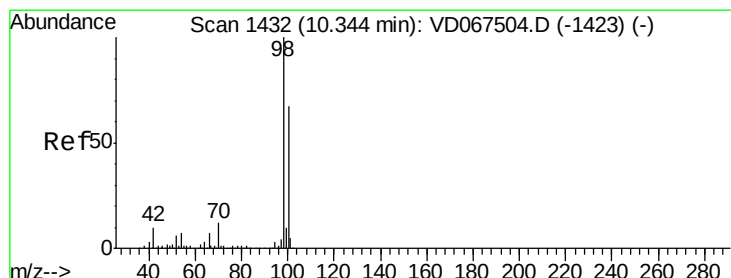
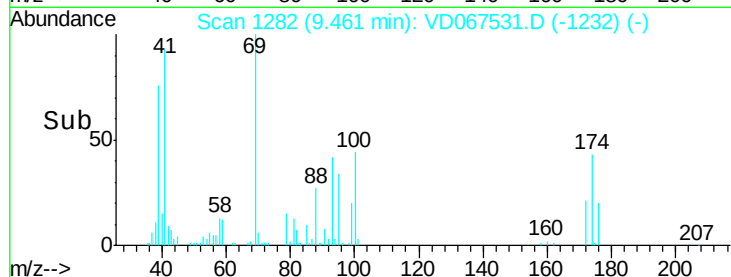
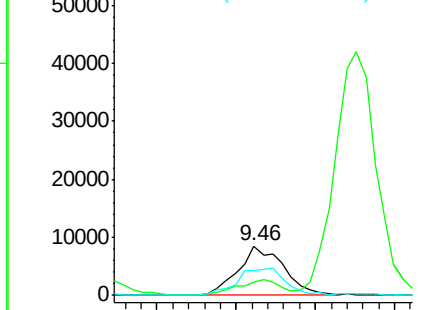
#49
 1,4-Dioxane
 Concen: 1159.506 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 16992
 Ion Ratio Lower Upper
 88 100
 43 30.0 23.6 35.4
 58 57.7 44.7 67.1

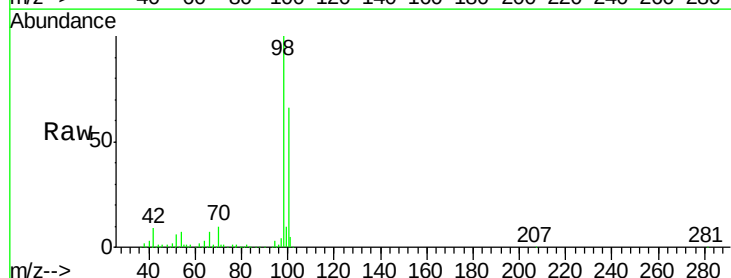


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

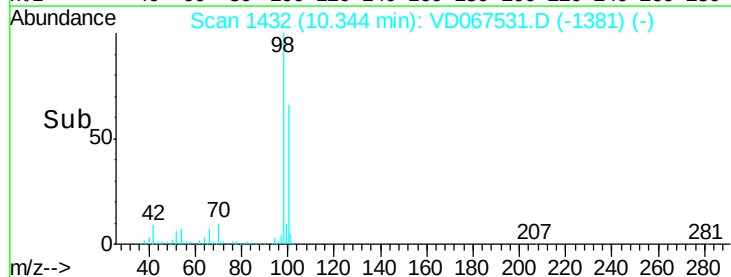
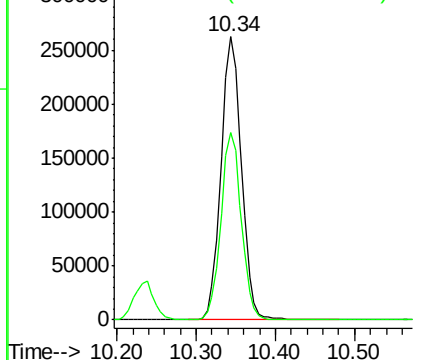


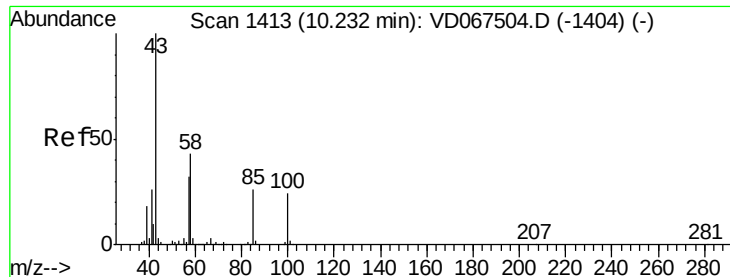
#50
 Toluene-d8
 Concen: 48.900 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Tgt Ion: 98 Resp: 468902
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.0 79.6



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





#51

4-Methyl-2-Pentanone

Concen: 279.743 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

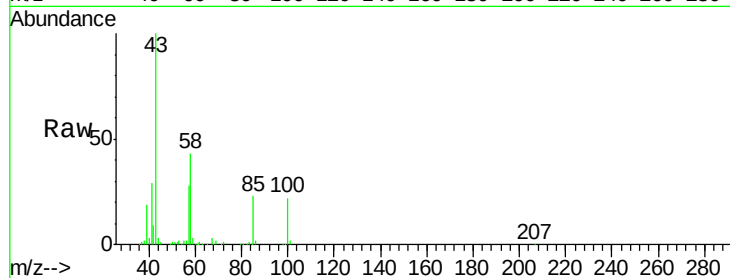
VSTDCCC050EC

Tot Ion: 43 Resp: 266295

Ion Ratio Lower Upper

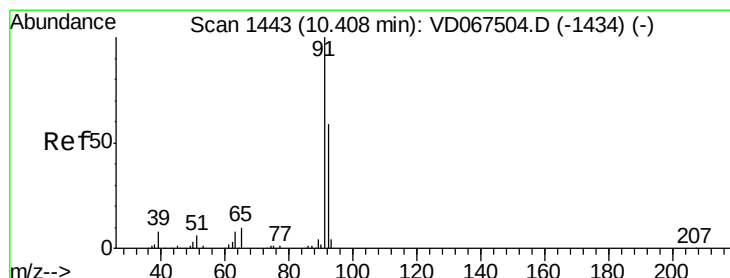
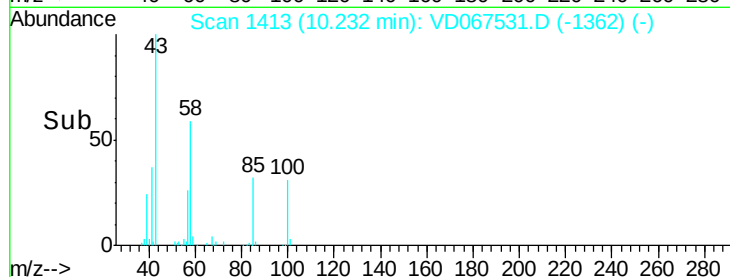
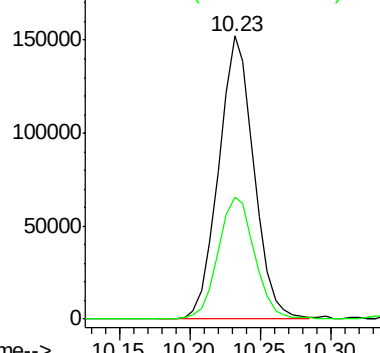
43 100

58 44.8 35.6 53.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 50.348 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067531.D

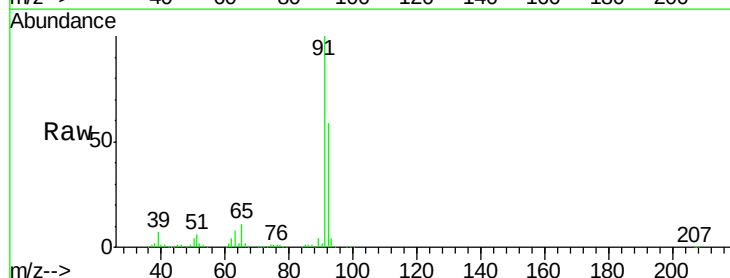
Acq: 04 Nov 2020 20:12

Tgt Ion: 92 Resp: 354122

Ion Ratio Lower Upper

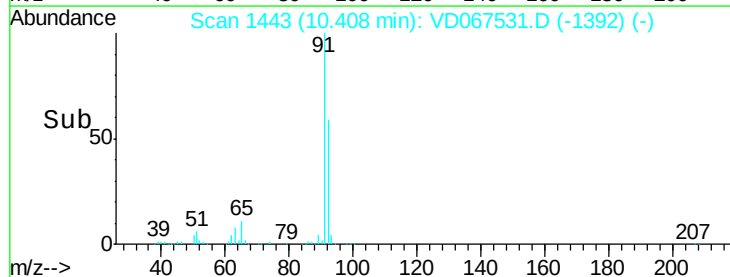
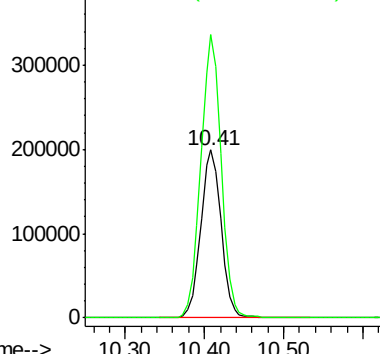
92 100

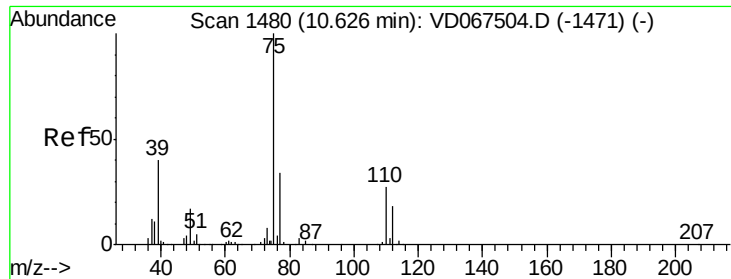
91 168.5 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 52.368 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

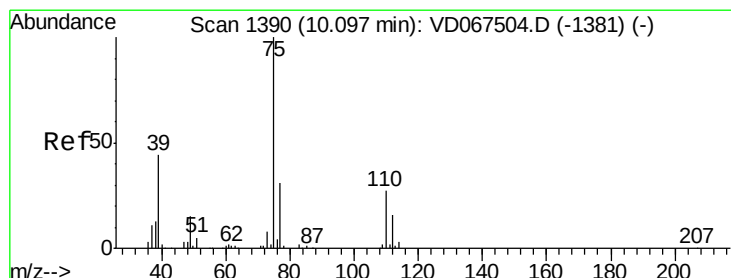
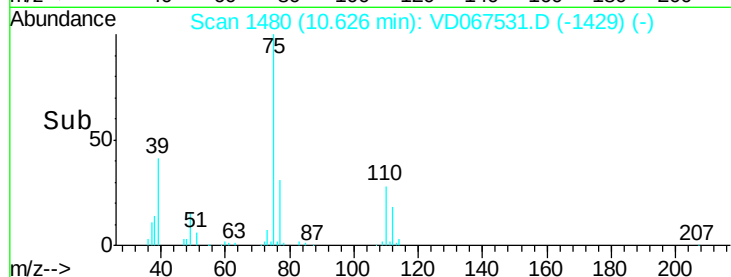
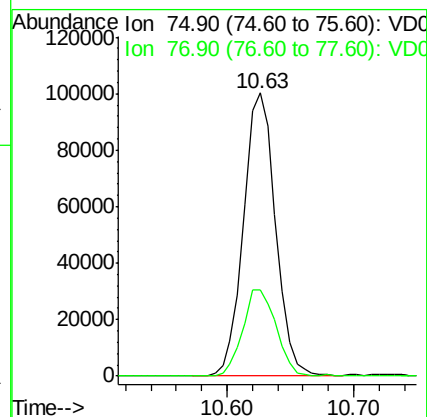
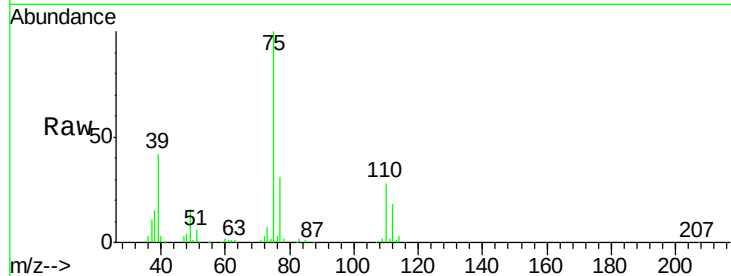
VSTDCCC050EC

Tot Ion: 75 Resp: 175977

Ion Ratio Lower Upper

75 100

77 30.6 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 51.018 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

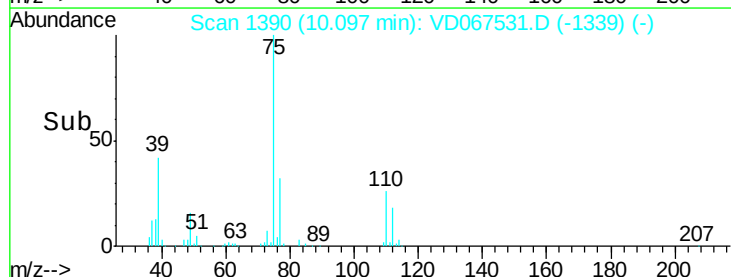
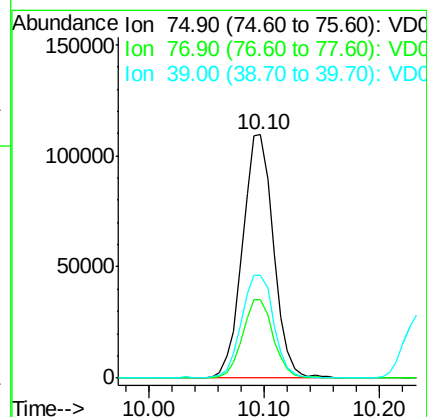
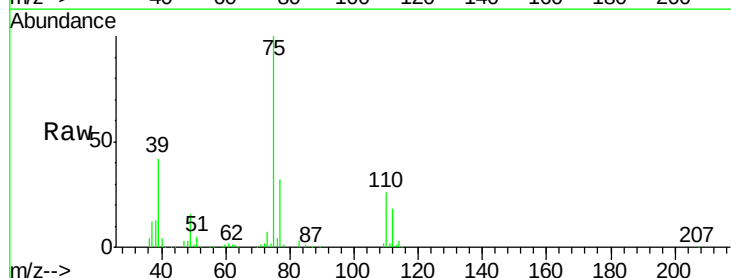
Tgt Ion: 75 Resp: 203689

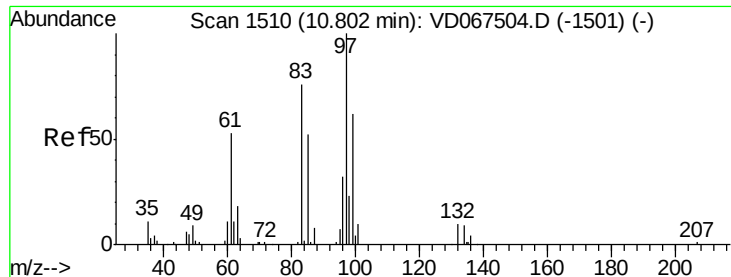
Ion Ratio Lower Upper

75 100

77 32.4 24.4 36.6

39 42.1 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 53.679 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 102527

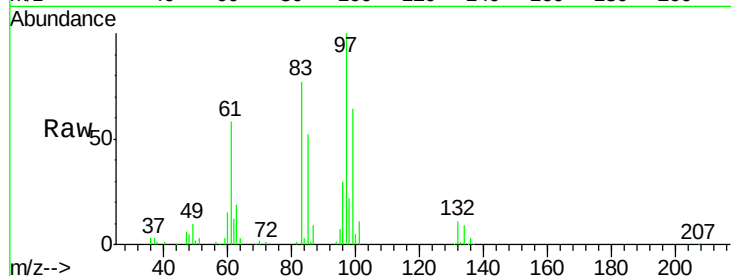
Ion	Ratio	Lower	Upper
97	100		
83	77.1	61.0	91.6
85	52.0	41.5	62.3
99	64.3	49.4	74.2

97 100

83 77.1 61.0 91.6

85 52.0 41.5 62.3

99 64.3 49.4 74.2



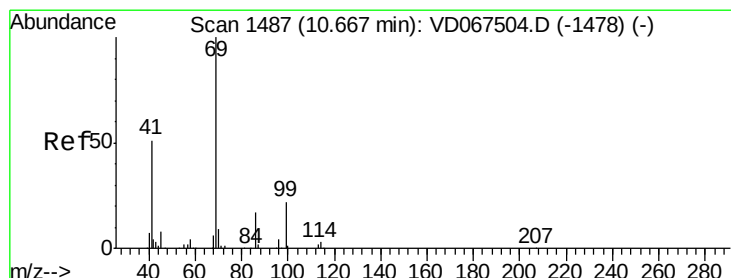
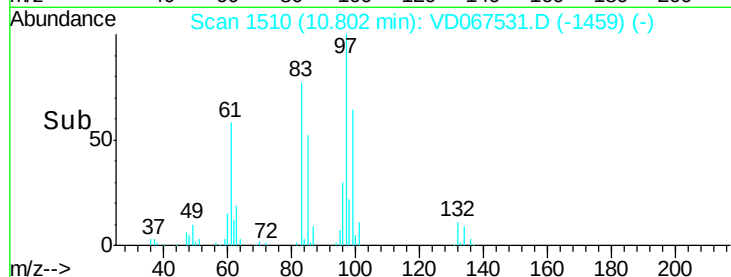
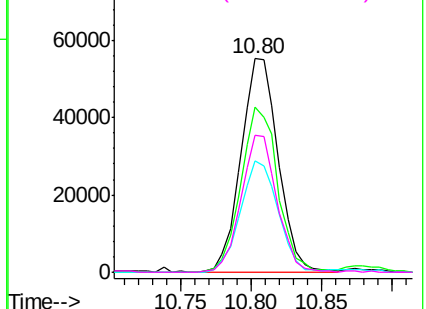
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 56.115 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

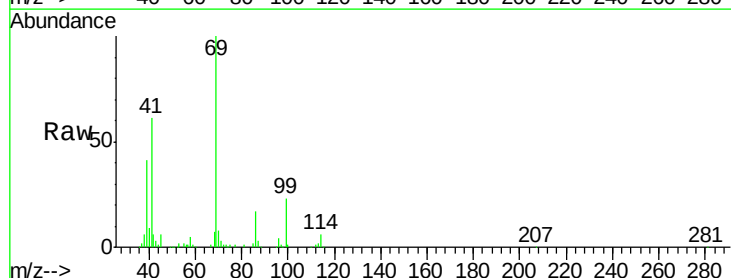
Tgt Ion: 69 Resp: 110681

Ion	Ratio	Lower	Upper
69	100		
41	56.0	45.4	68.0
39	33.8	27.4	41.0

69 100

41 56.0 45.4 68.0

39 33.8 27.4 41.0

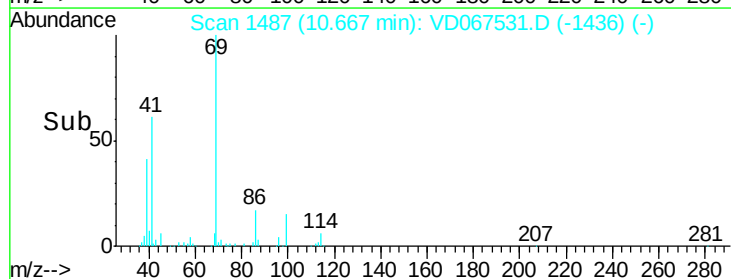
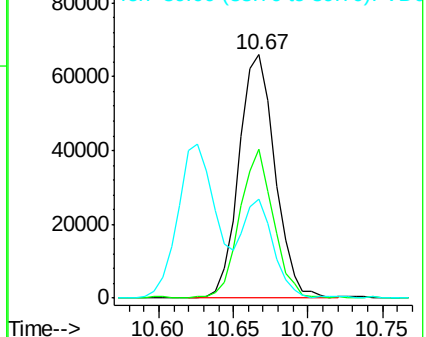


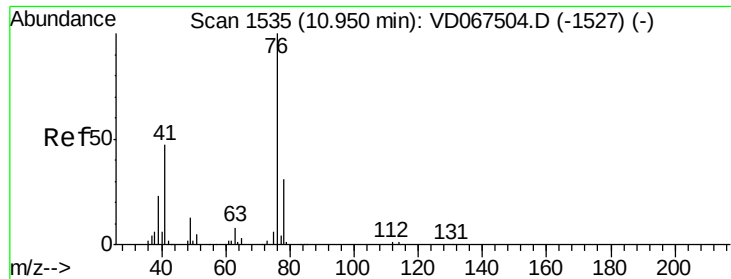
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 52.456 ug/l

RT: 10.96 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

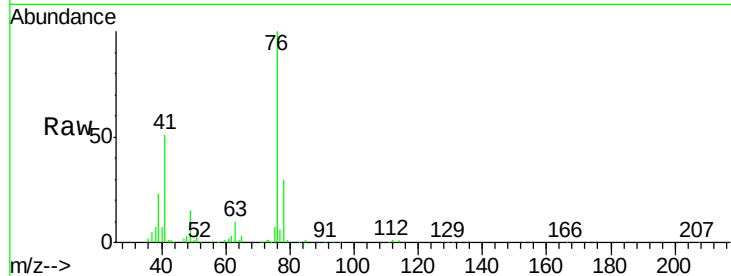
VSTDCCC050EC

Tot Ion: 76 Resp: 161225

Ion Ratio Lower Upper

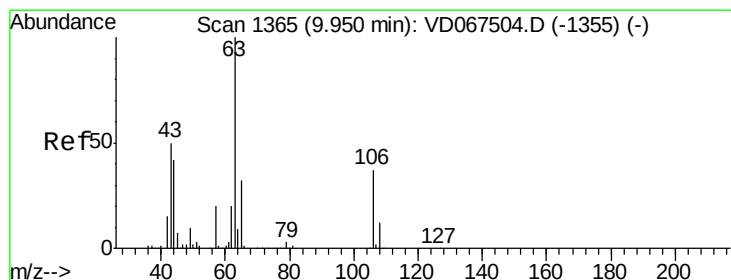
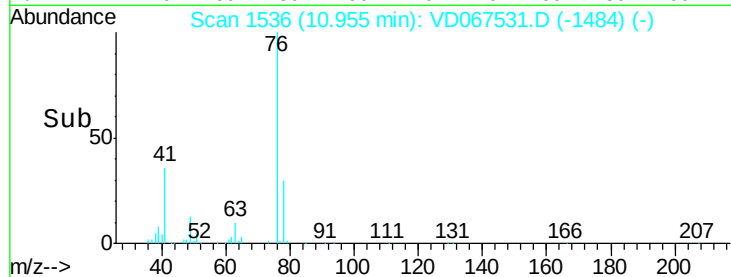
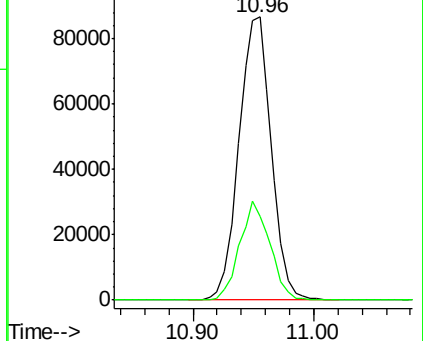
76 100

78 33.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 299.316 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD067531.D

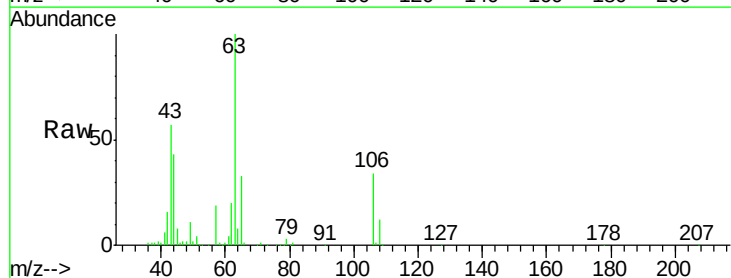
Acq: 04 Nov 2020 20:12

Tgt Ion: 63 Resp: 275306

Ion Ratio Lower Upper

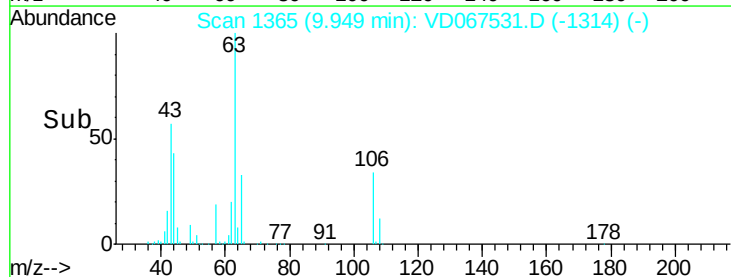
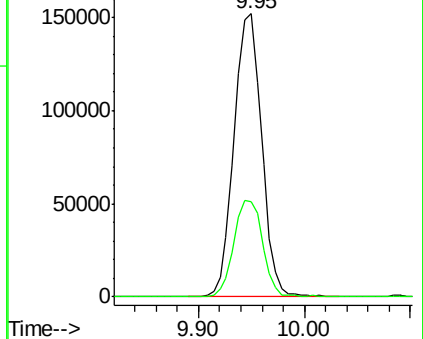
63 100

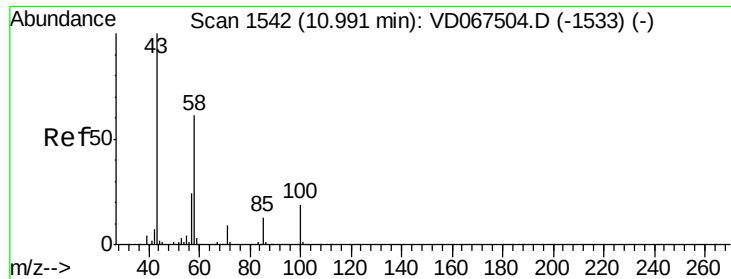
106 35.4 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

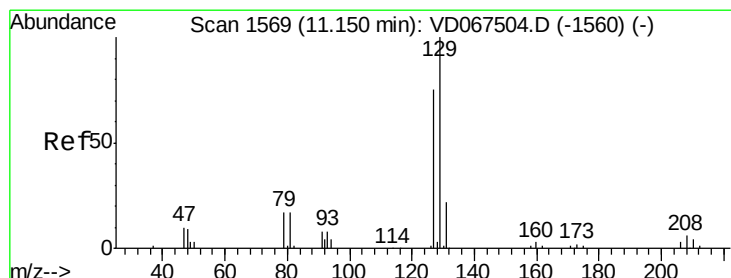
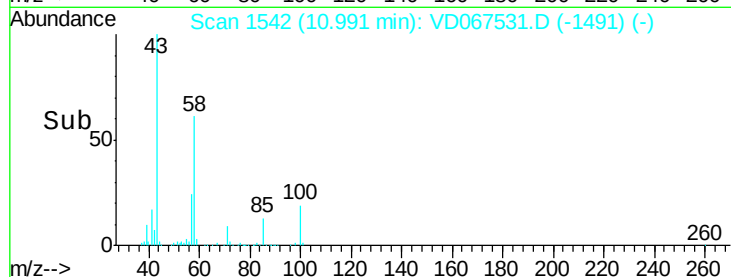
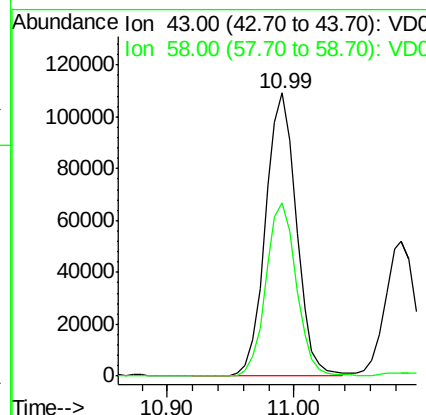
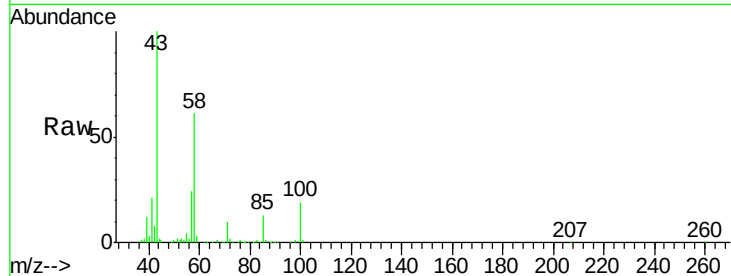




#59
2-Hexanone
Concen: 278.691 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

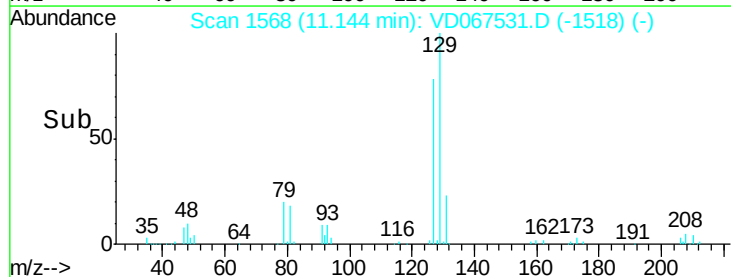
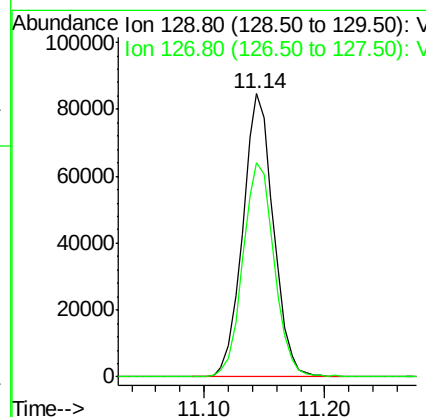
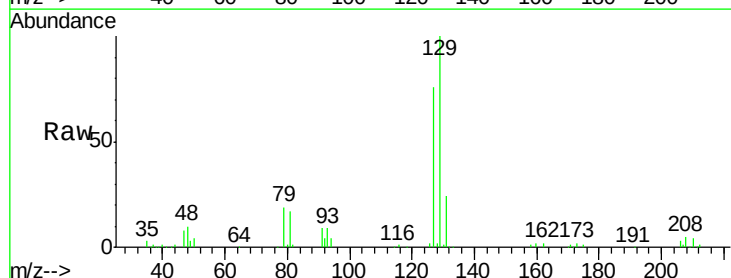
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

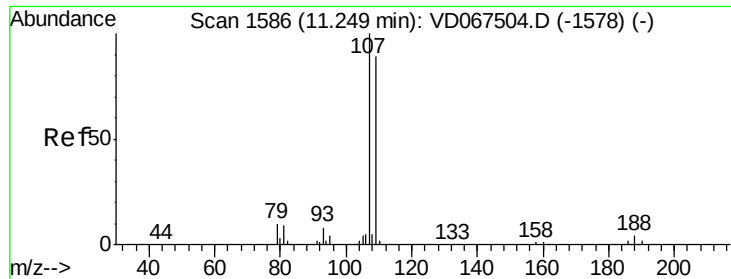
Tot Ion: 43 Resp: 185494
Ion Ratio Lower Upper
43 100
58 60.4 30.3 90.9



#60
Dibromochloromethane
Concen: 53.133 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion: 129 Resp: 150121
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.1

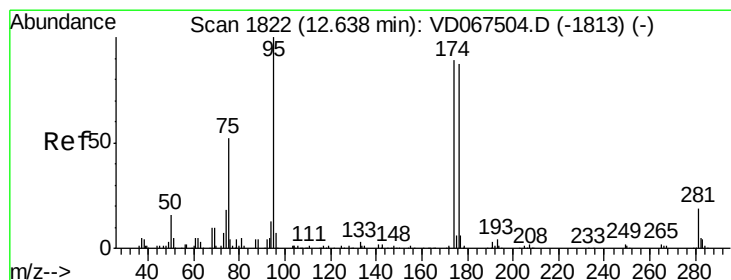
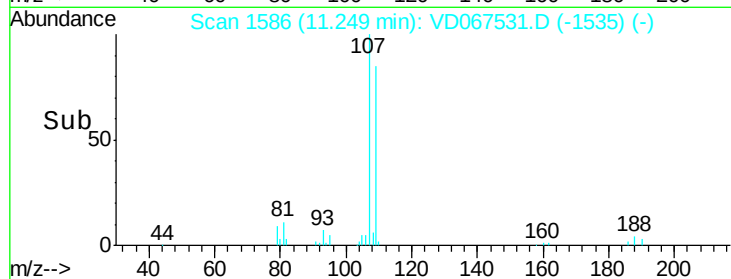
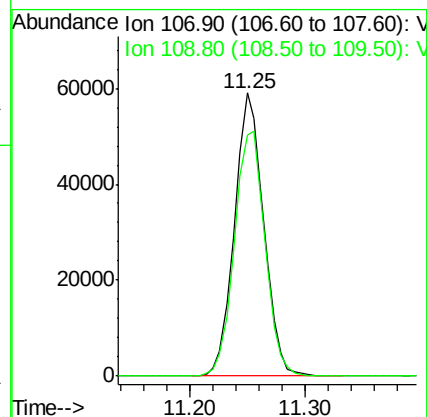
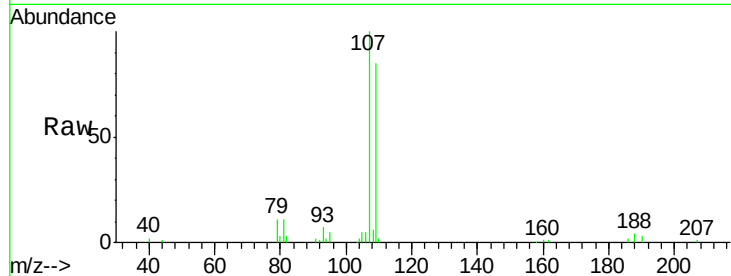




#61
 1,2-Dibromoethane
 Concen: 53.898 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

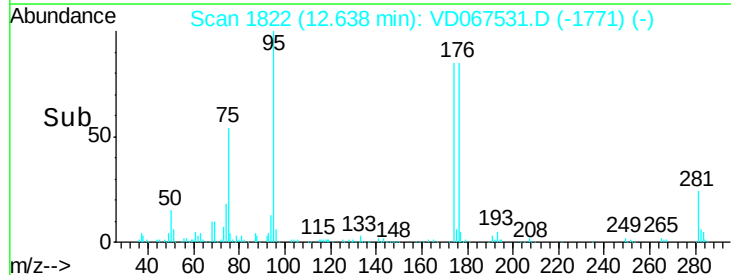
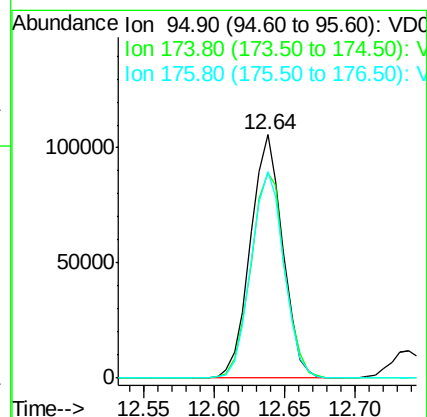
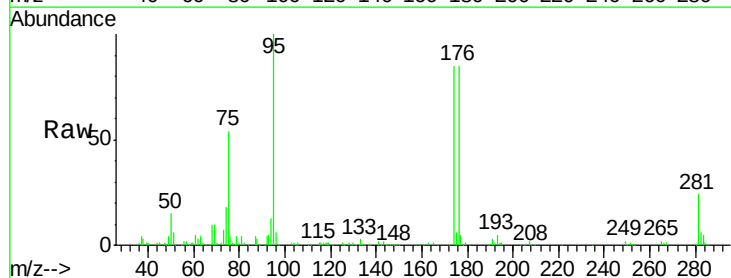
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

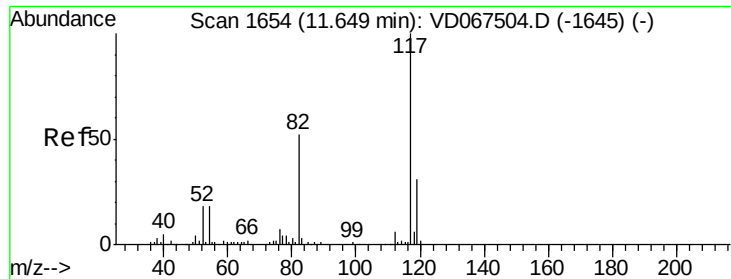
Tot Ion:107 Resp: 103319
 Ion Ratio Lower Upper
 107 100
 109 90.7 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 51.310 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Tgt Ion: 95 Resp: 169864
 Ion Ratio Lower Upper
 95 100
 174 88.6 0.0 177.8
 176 86.6 0.0 172.0

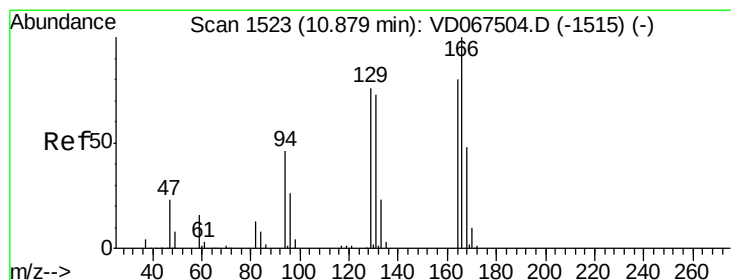
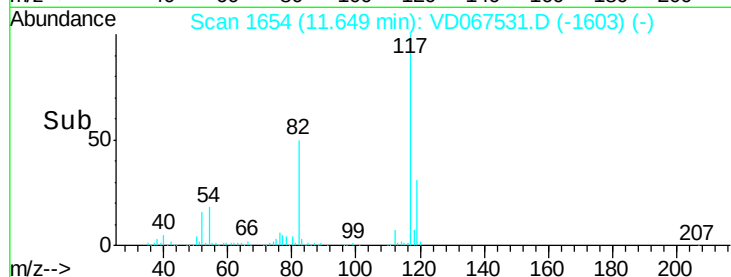
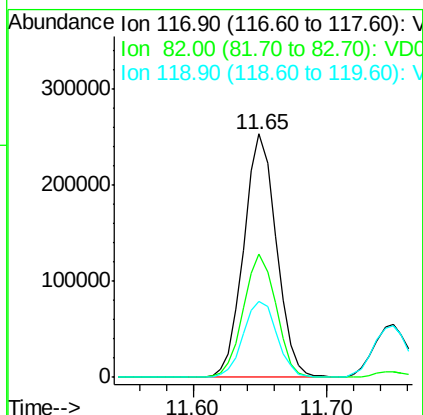
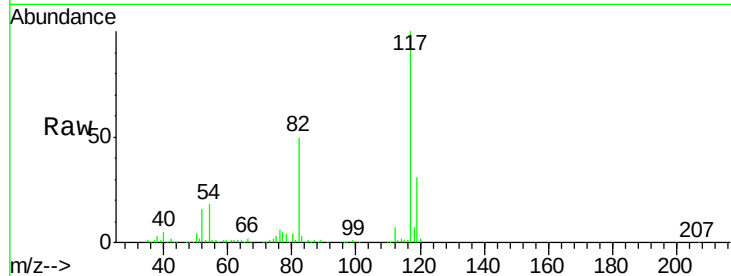




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

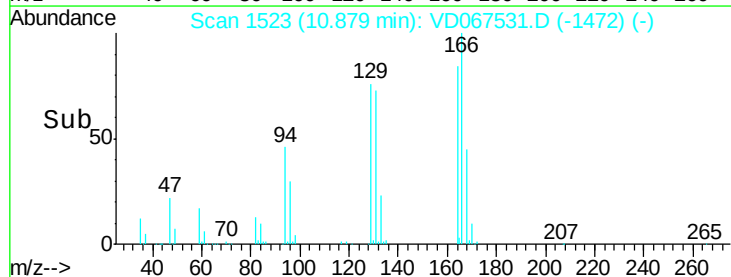
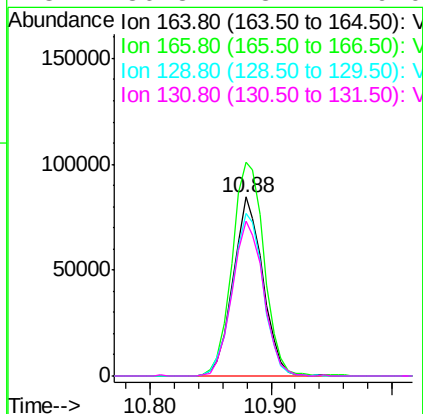
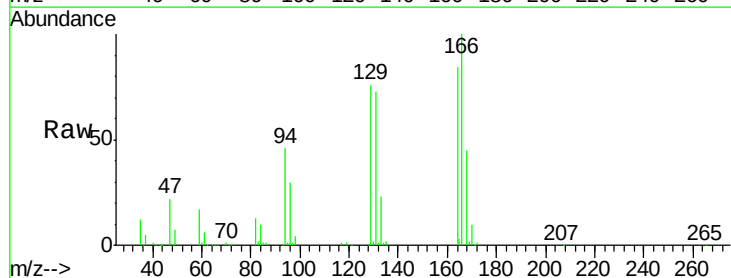
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

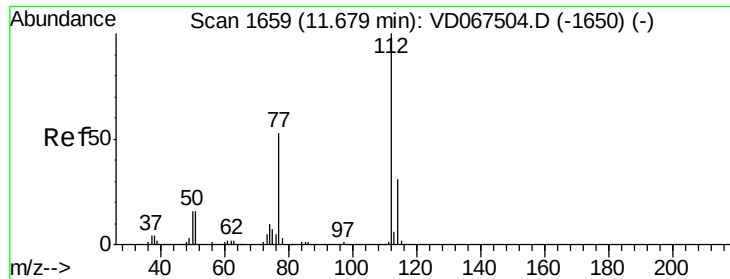
Tot Ion:117 Resp: 426642
Ion Ratio Lower Upper
117 100
82 50.4 41.6 62.4
119 31.4 25.1 37.7



#64
Tetrachloroethene
Concen: 45.951 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion:164 Resp: 145189
Ion Ratio Lower Upper
164 100
166 119.5 99.9 149.9
129 91.1 75.5 113.3
131 86.8 73.4 110.0

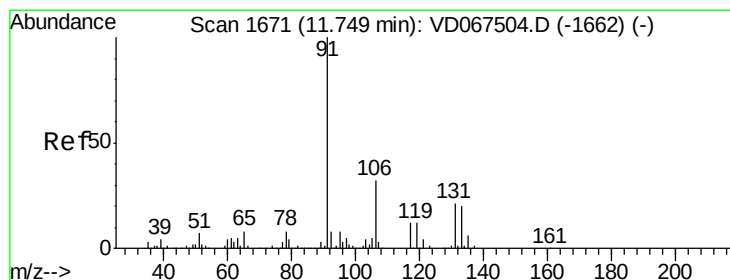
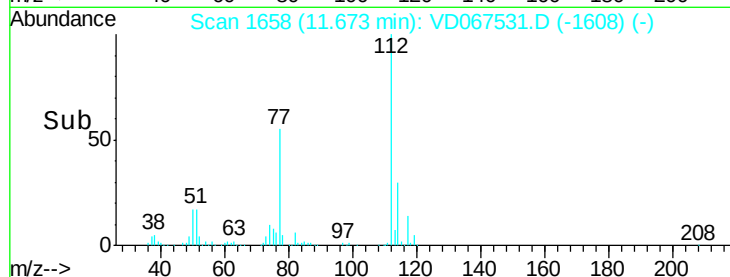
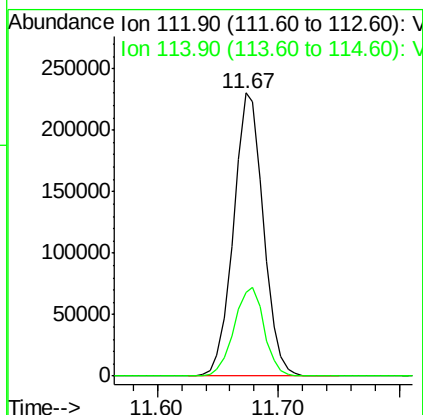
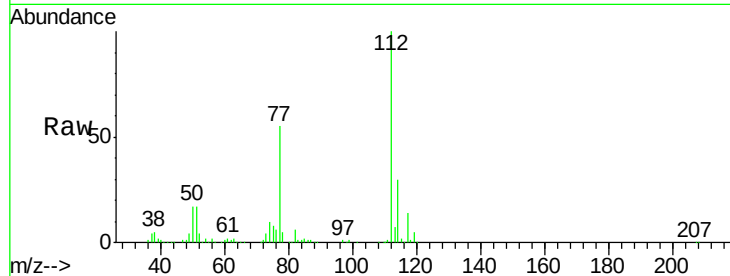




#65
Chlorobenzene
Concen: 48.315 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

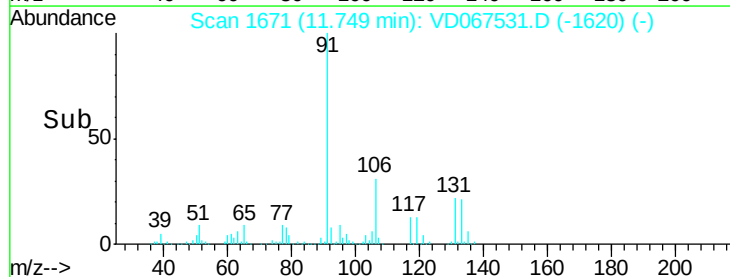
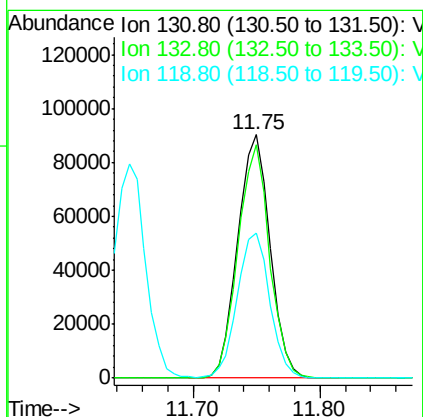
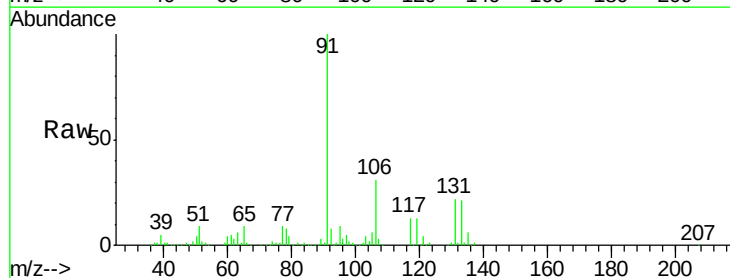
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

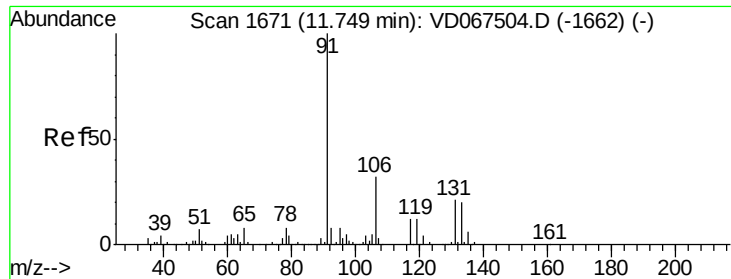
Tot Ion:112 Resp: 397069
Ion Ratio Lower Upper
112 100
114 29.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.403 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion:131 Resp: 160020
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.0
119 60.0 30.1 90.5

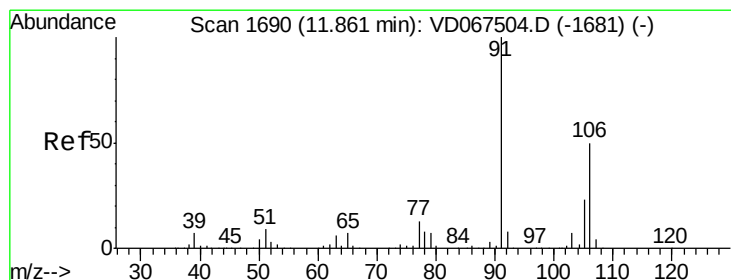
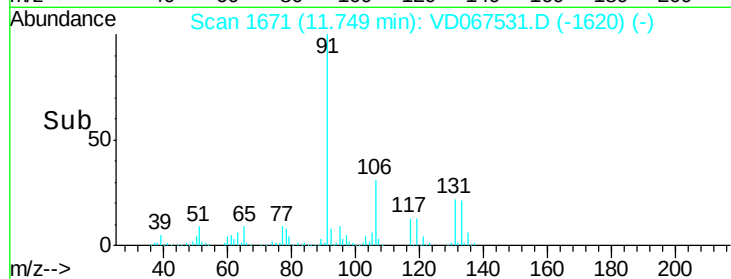
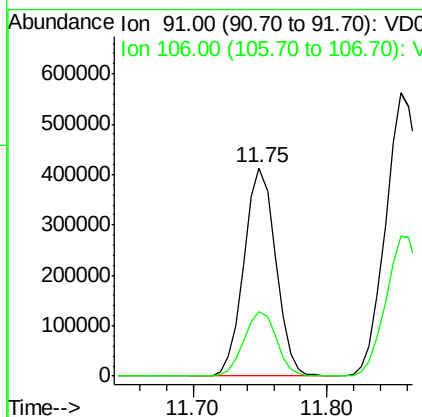
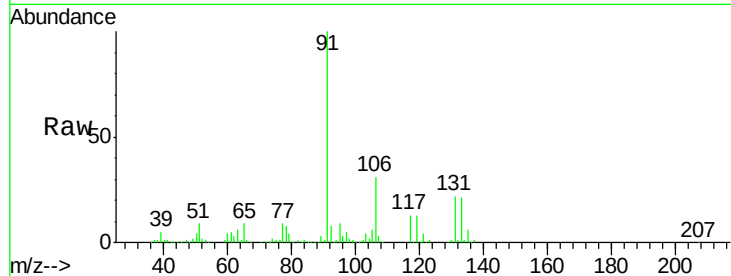




#67
Ethyl Benzene
Concen: 48.396 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

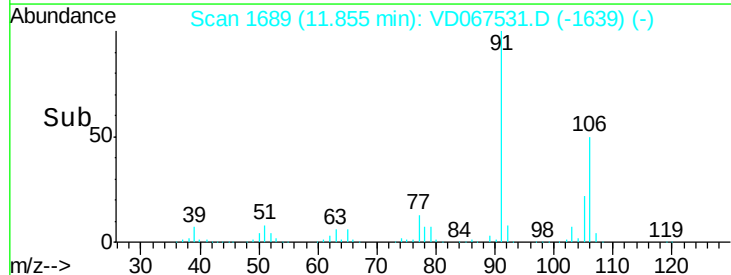
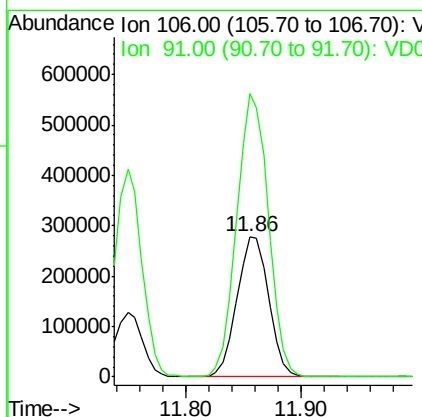
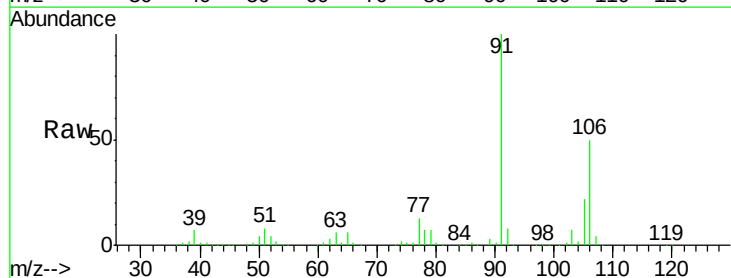
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

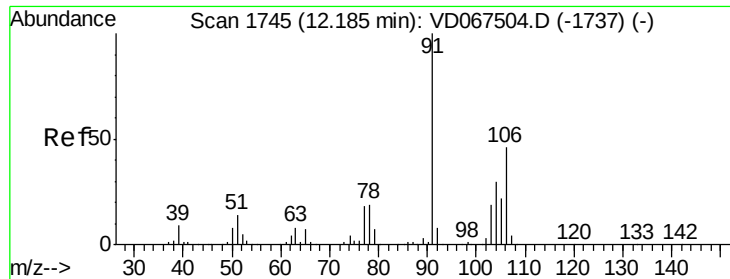
Tot Ion: 91 Resp: 680600
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5



#68
m/p-Xylenes
Concen: 97.276 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion: 106 Resp: 532212
Ion Ratio Lower Upper
106 100
91 201.0 162.6 244.0

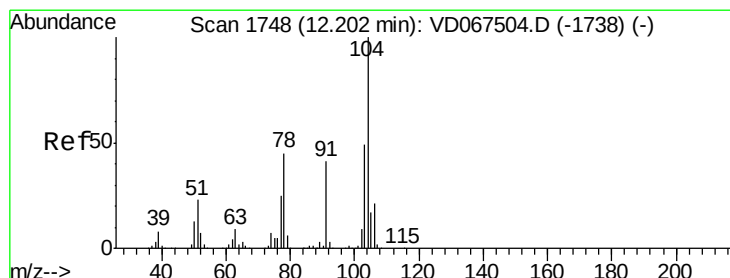
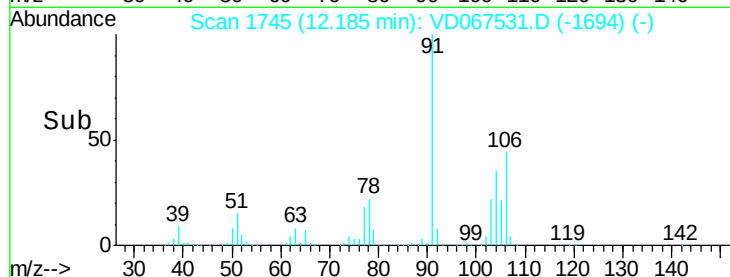
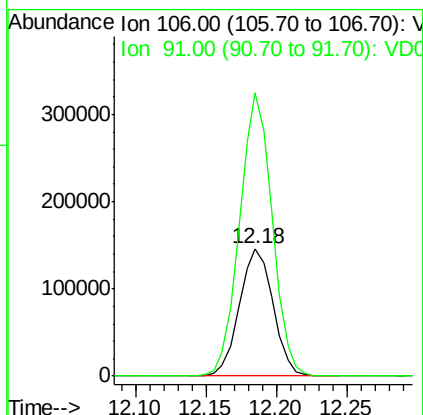
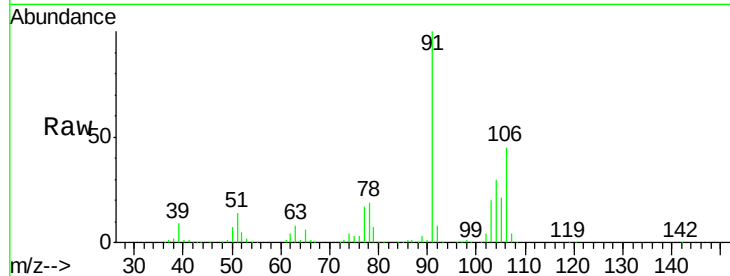




#69
o-Xylene
Concen: 49.751 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

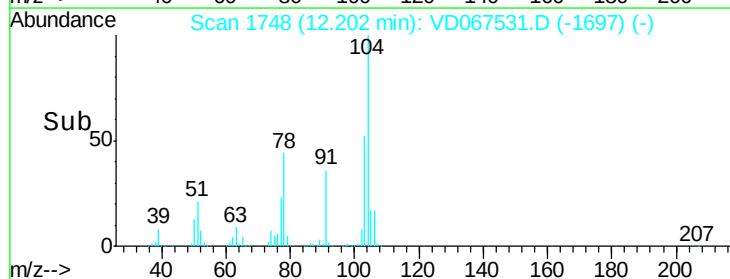
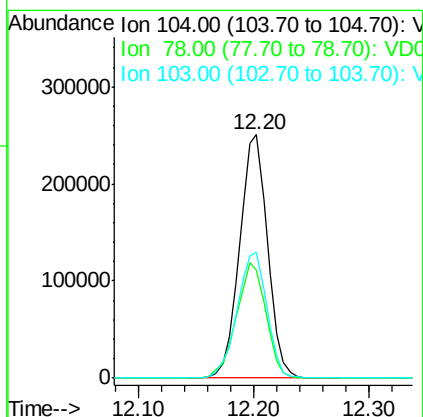
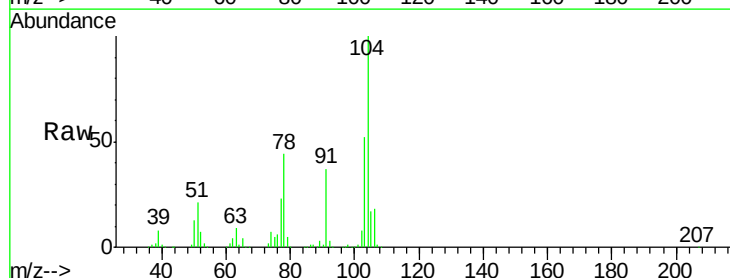
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

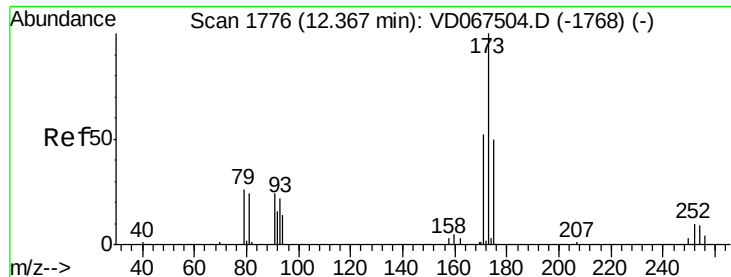
Tot Ion:106 Resp: 243025
Ion Ratio Lower Upper
106 100
91 215.5 107.1 321.1



#70
Styrene
Concen: 49.412 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion:104 Resp: 420589
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.8
103 55.0 43.9 65.9





#71

Bromoform

Concen: 51.792 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

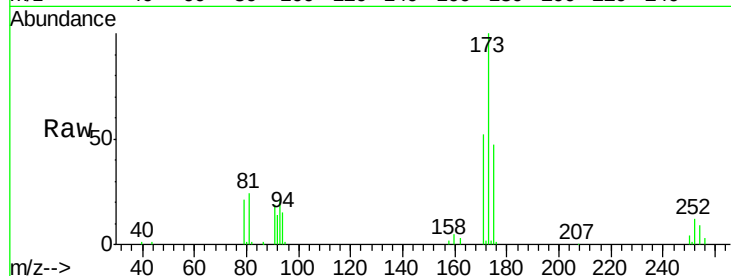
Tot Ion:173 Resp: 85558

Ion Ratio Lower Upper

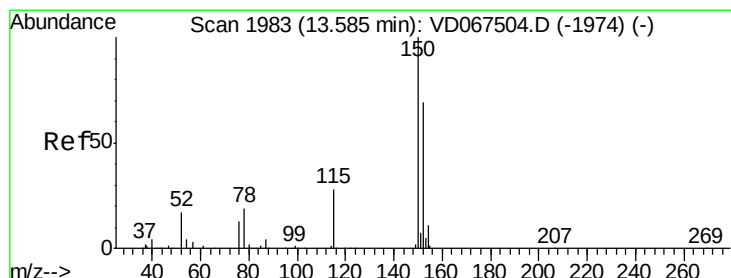
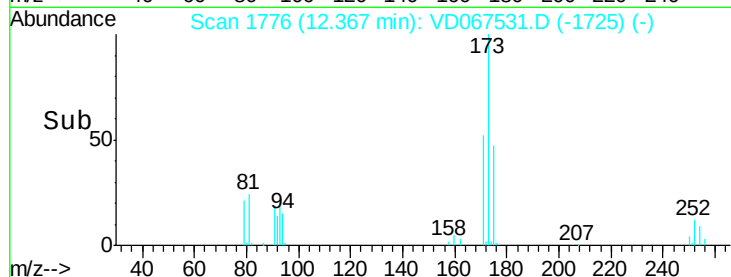
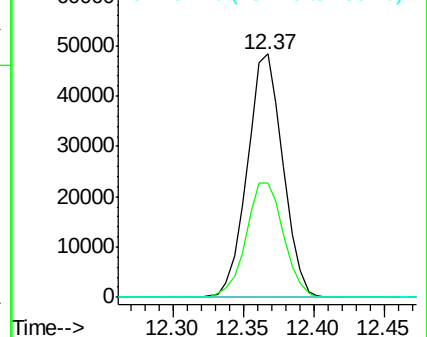
173 100

175 49.5 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

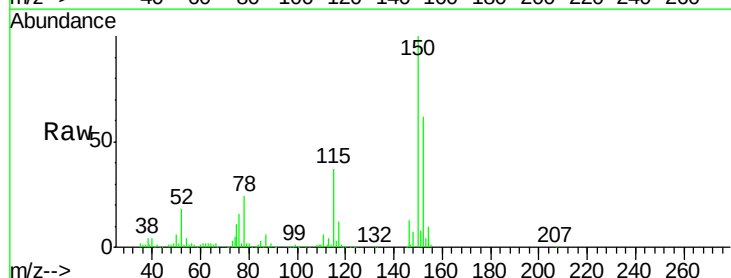
Tgt Ion:152 Resp: 214742

Ion Ratio Lower Upper

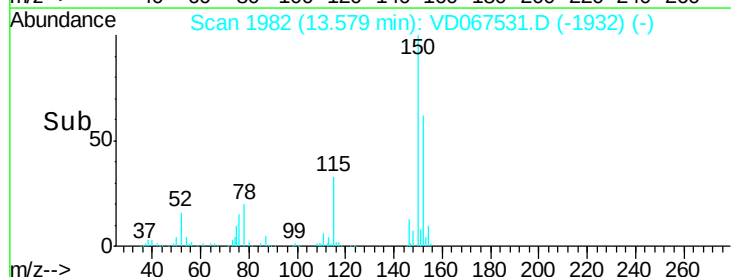
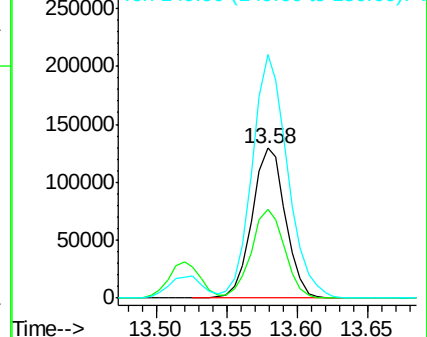
152 100

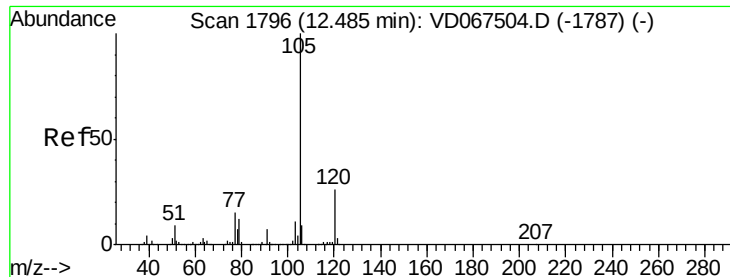
115 58.9 29.3 88.0

150 172.2 0.0 338.2



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





#73

Isopropylbenzene

Concen: 48.710 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

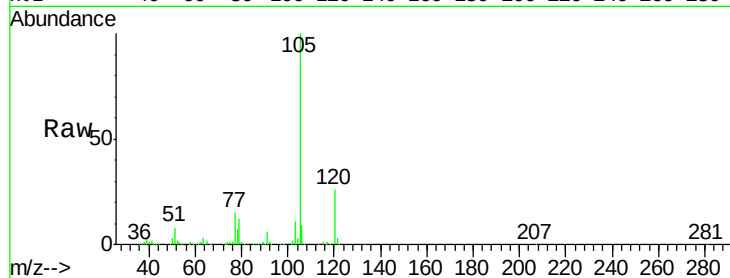
VSTDCCC050EC

Tot Ion: 105 Resp: 676016

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

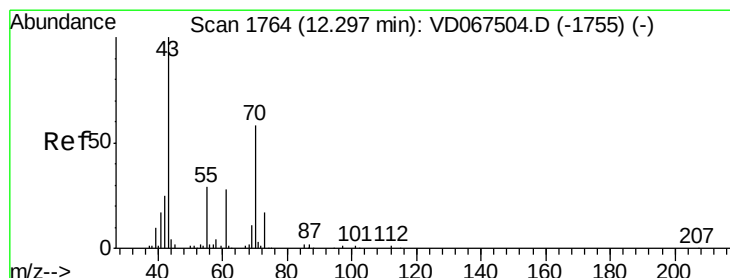
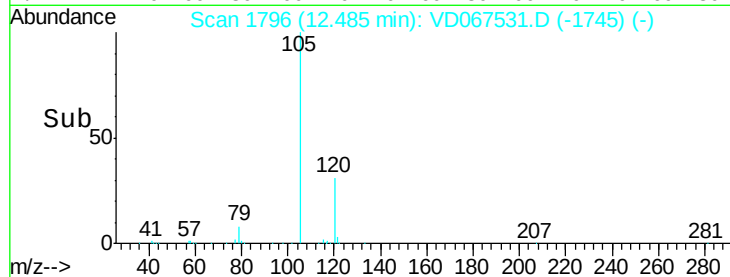
0

12.40

12.48

12.50

Time-->



#74

N-ethyl acetate

Concen: 52.234 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Tgt Ion: 43 Resp: 95388

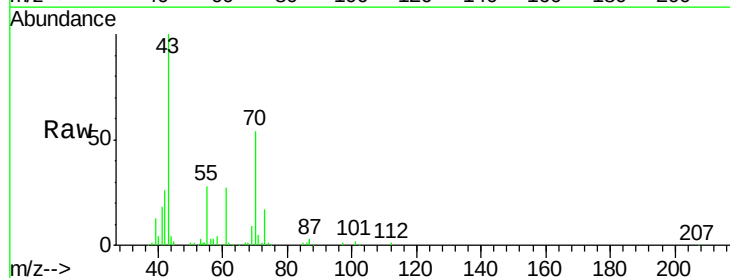
Ion Ratio Lower Upper

43 100

70 55.7 42.6 64.0

55 30.9 23.7 35.5

61 28.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

60000

40000

20000

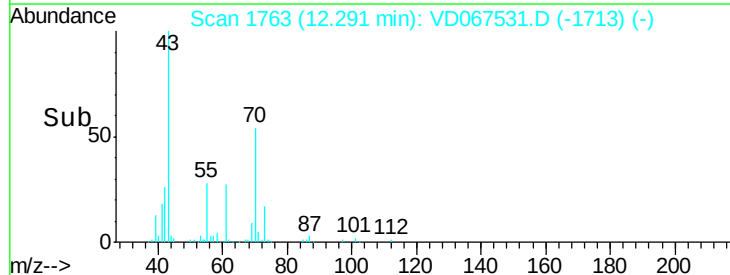
0

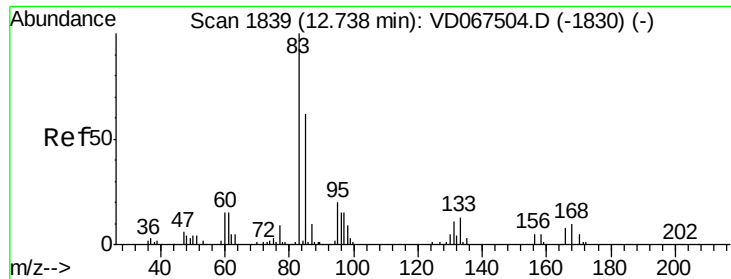
12.25

12.29

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.214 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

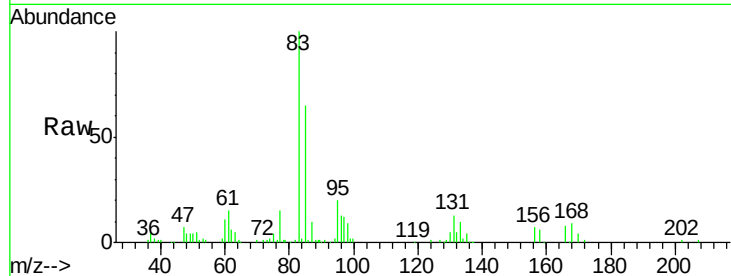
Tot Ion: 83 Resp: 98814

Ion Ratio Lower Upper

83 100

131 14.4 7.1 21.3

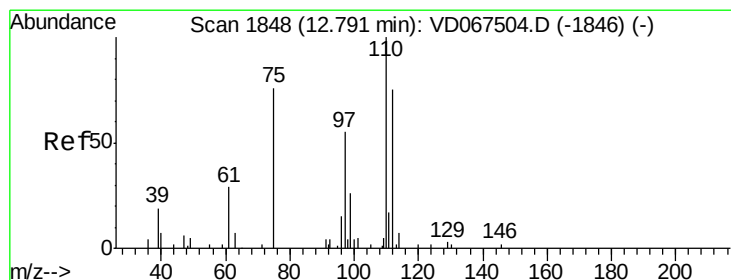
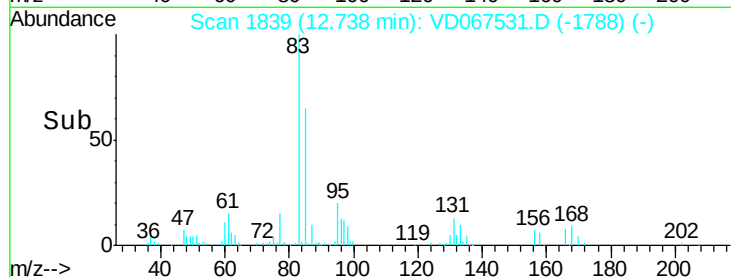
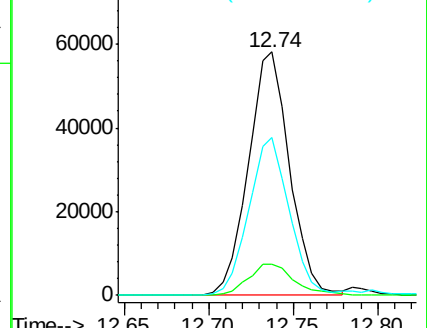
85 63.5 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 102.976 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067531.D

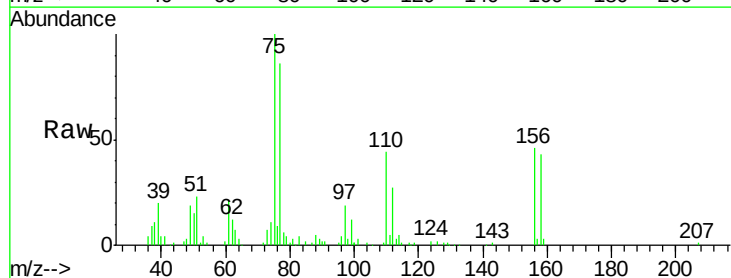
Acq: 04 Nov 2020 20:12

Tgt Ion: 75 Resp: 133400

Ion Ratio Lower Upper

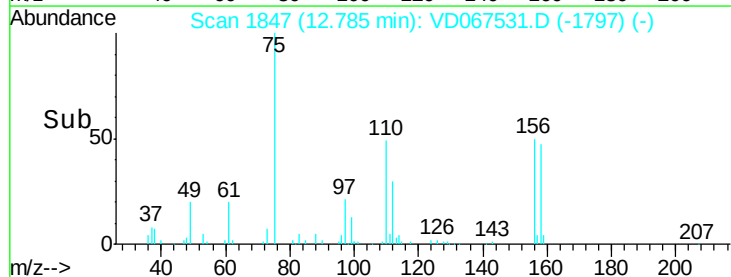
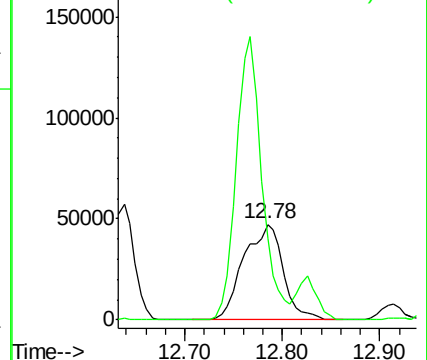
75 100

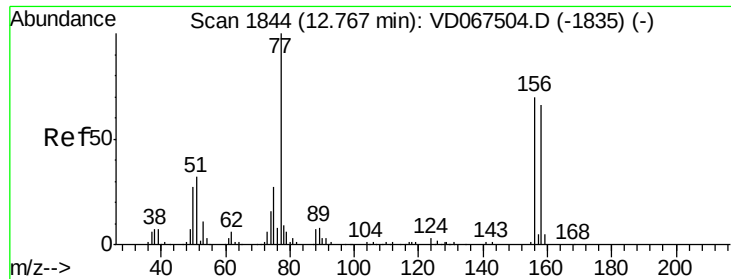
77 192.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 48.750 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

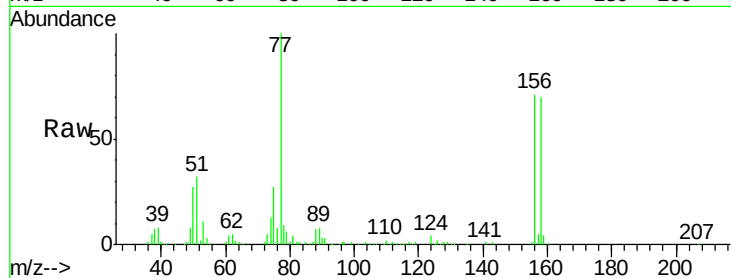
Tot Ion:156 Resp: 166156

Ion Ratio Lower Upper

156 100

77 154.8 77.8 233.5

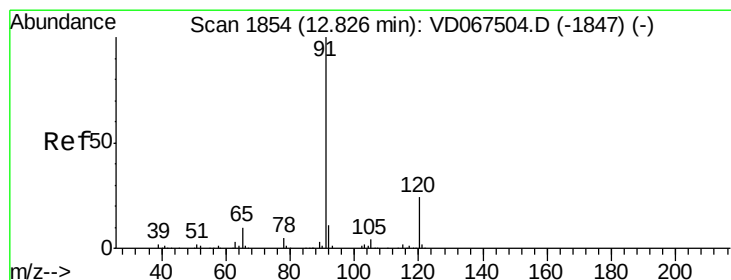
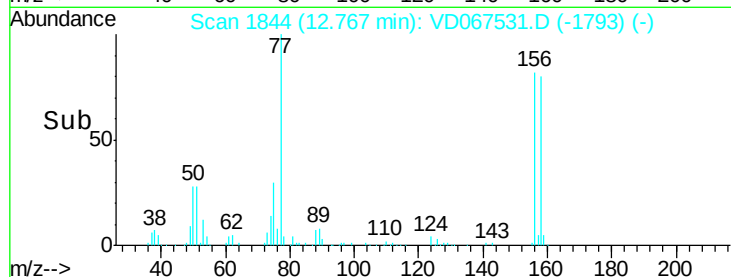
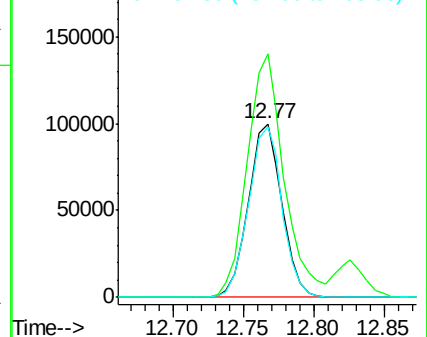
158 98.9 47.9 143.7



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: 47.961 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067531.D

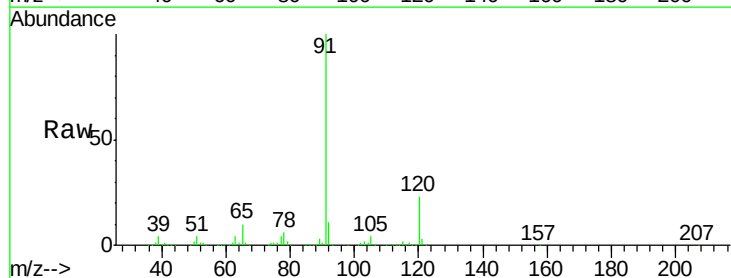
Acq: 04 Nov 2020 20:12

Tgt Ion: 91 Resp: 761351

Ion Ratio Lower Upper

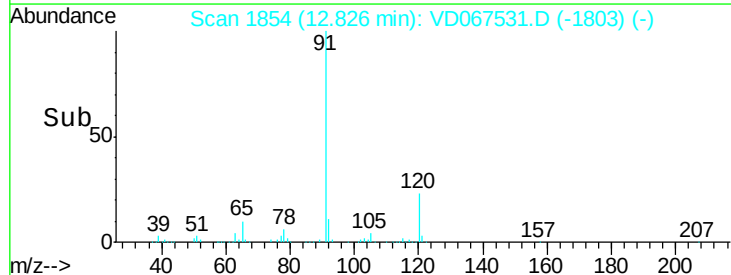
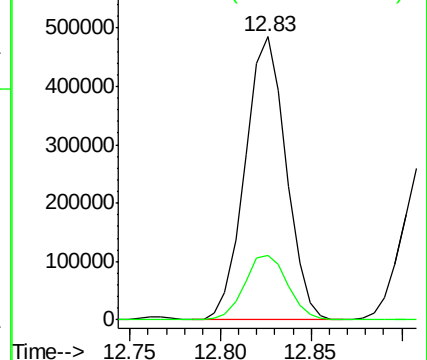
91 100

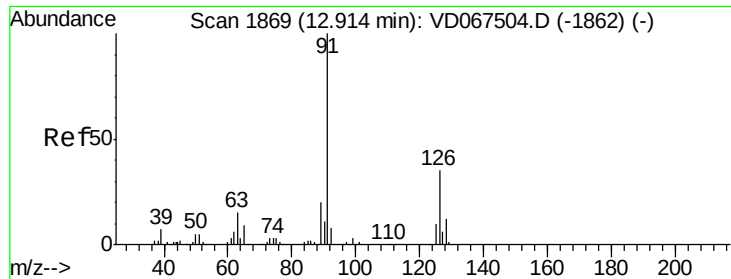
120 24.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.275 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

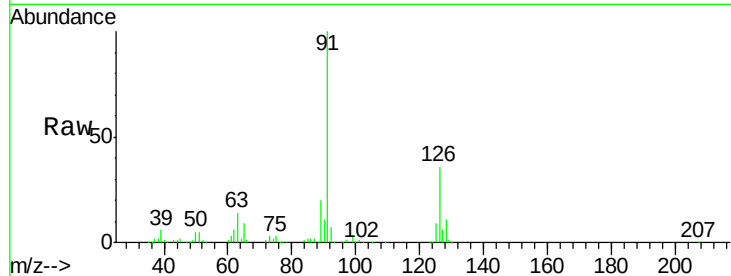
VSTDCCC050EC

Tot Ion: 91 Resp: 444338

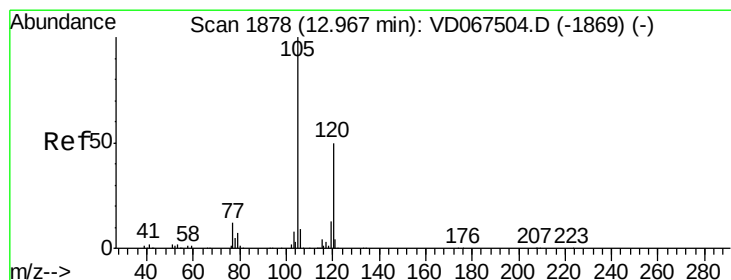
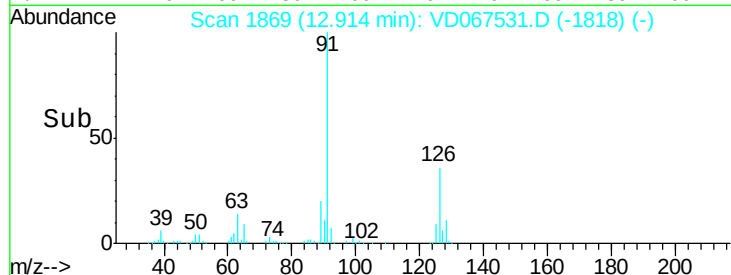
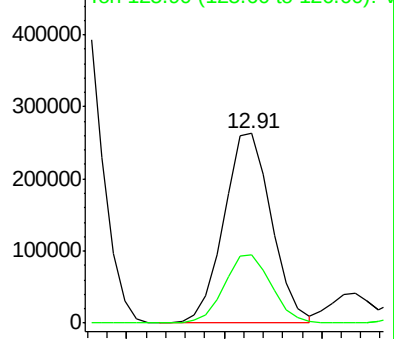
Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.021 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD067531.D

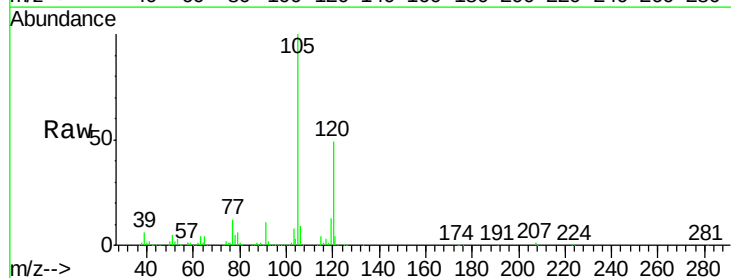
Acq: 04 Nov 2020 20:12

Tgt Ion: 105 Resp: 581169

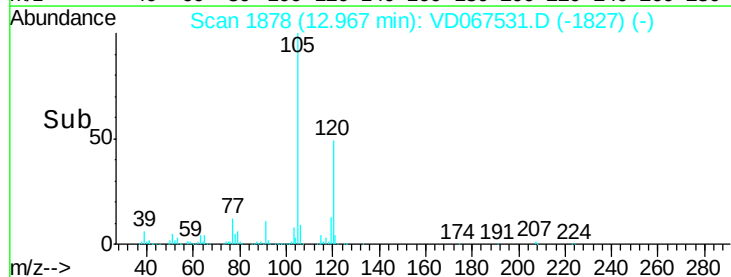
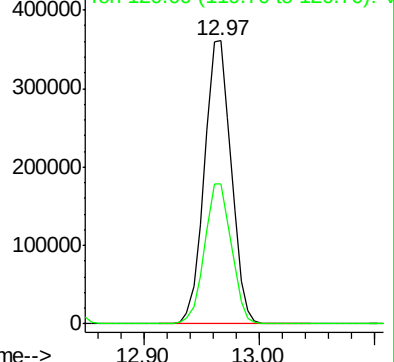
Ion Ratio Lower Upper

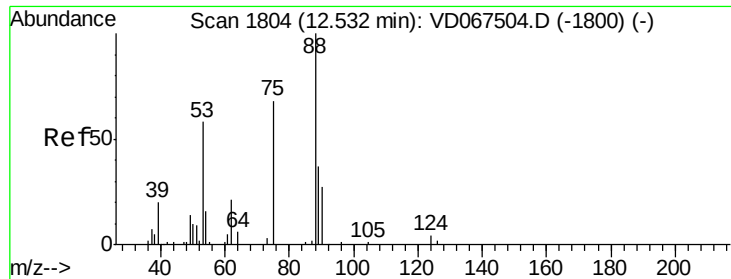
105 100

120 49.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067504.D (-1869) (-)

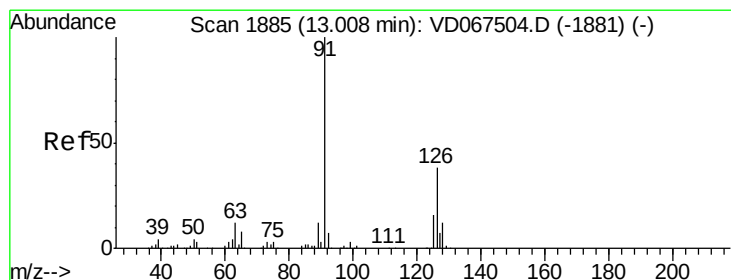
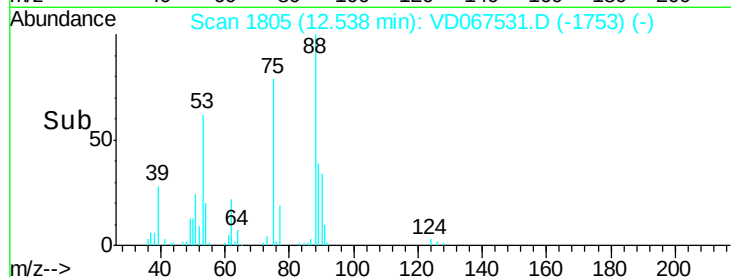
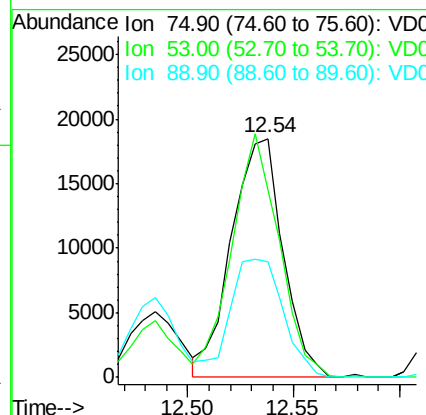
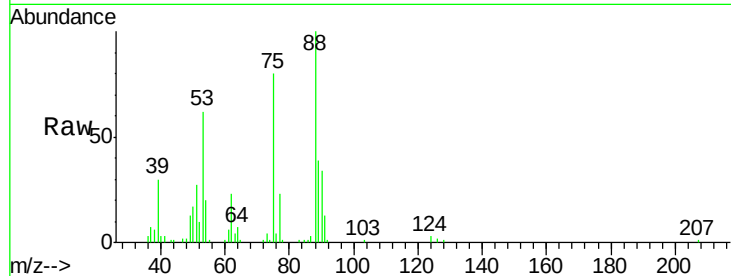




#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.920 ug/l
 RT: 12.54 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

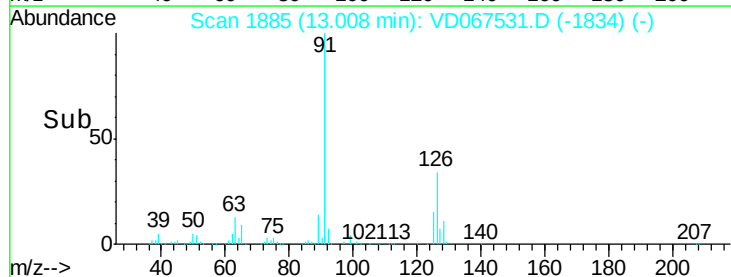
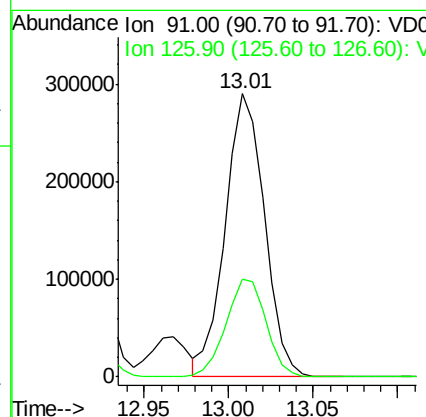
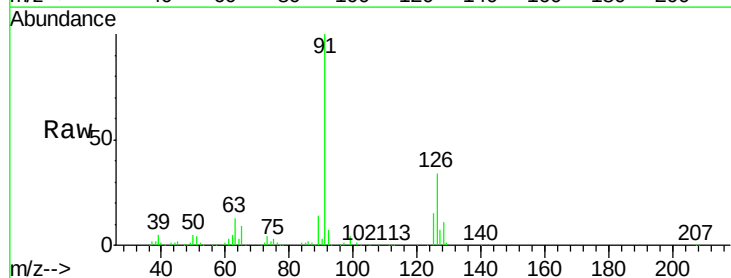
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

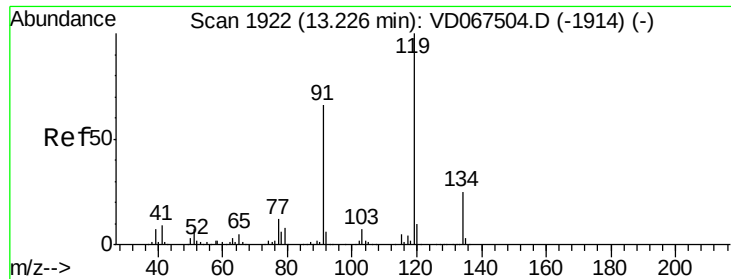
Tot Ion: 75 Resp: 31214
 Ion Ratio Lower Upper
 75 100
 53 93.7 75.9 113.9
 89 51.6 44.6 67.0



#82
 4-Chlorotoluene
 Concen: 48.417 ug/l
 RT: 13.01 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Tgt Ion: 91 Resp: 468252
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.9 53.7

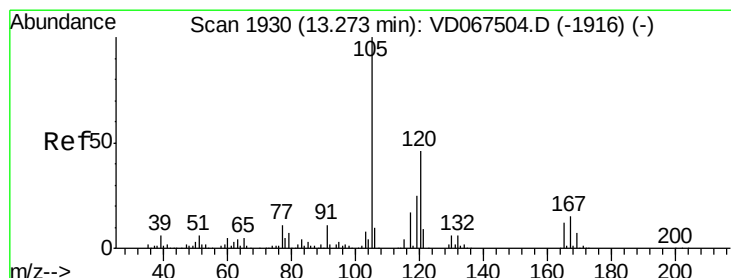
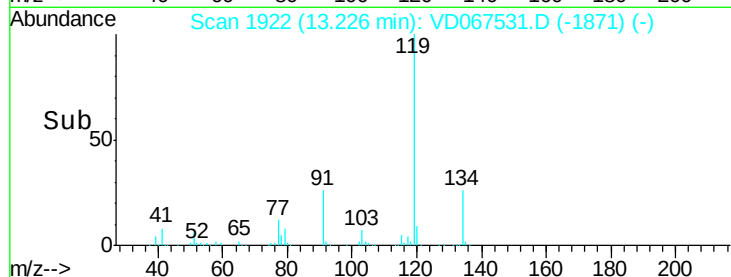
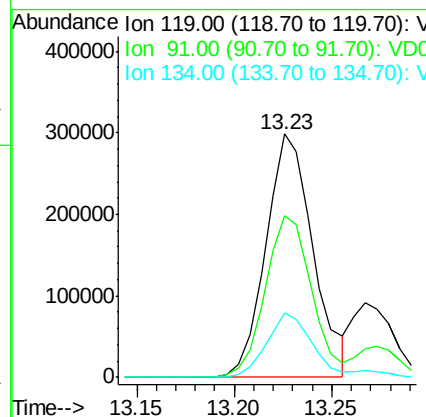
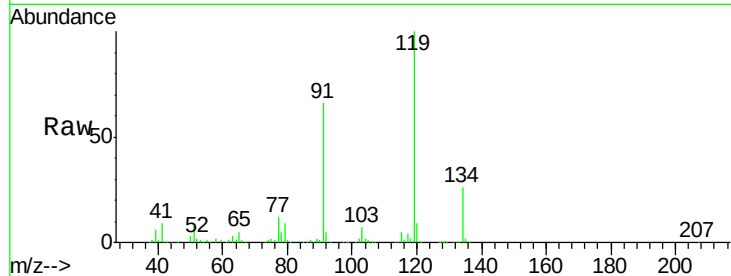




#83
tert-Butylbenzene
Concen: 49.794 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

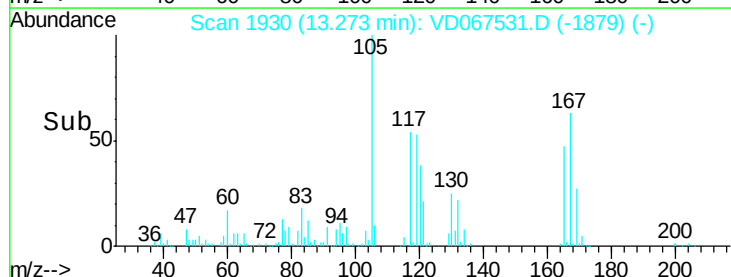
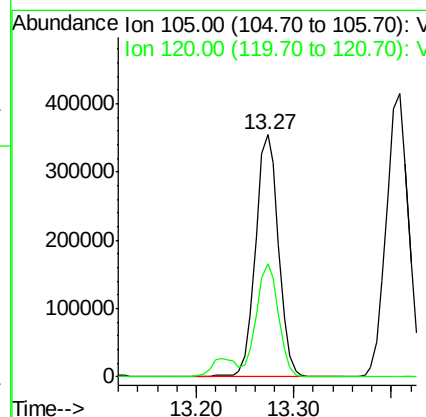
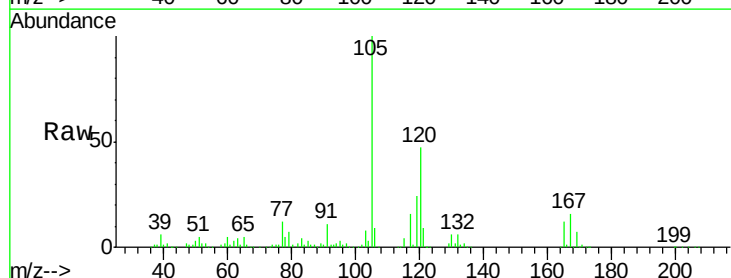
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

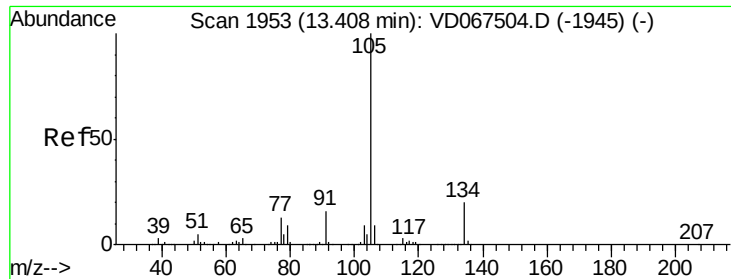
Tot Ion:119 Resp: 500320
Ion Ratio Lower Upper
119 100
91 65.0 32.7 98.1
134 25.4 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 49.703 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion:105 Resp: 586554
Ion Ratio Lower Upper
105 100
120 45.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 48.273 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

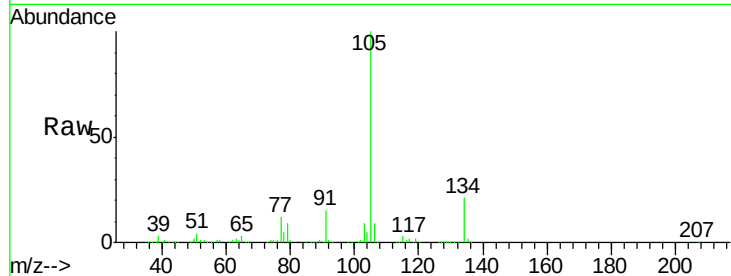
VSTDCCC050EC

Tot Ion:105 Resp: 654770

Ion Ratio Lower Upper

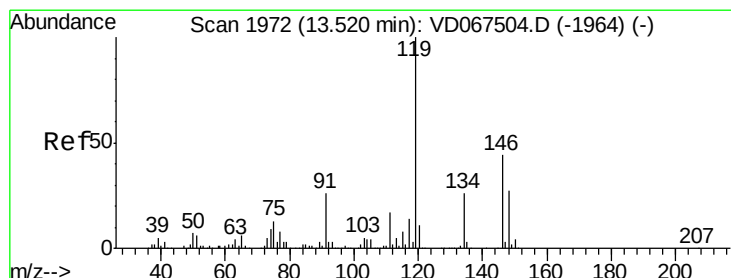
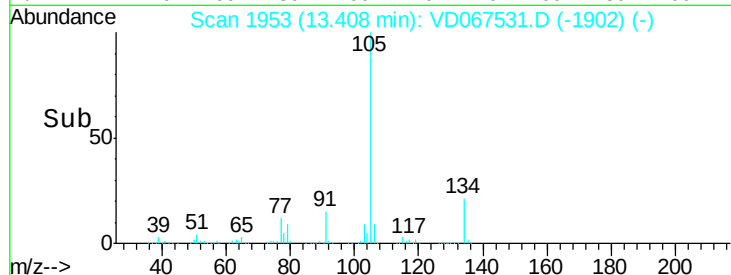
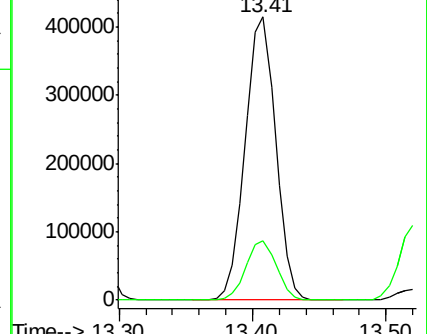
105 100

134 21.1 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.766 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

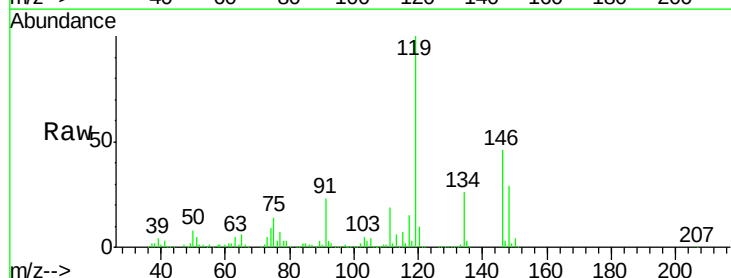
Tgt Ion:119 Resp: 625656

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

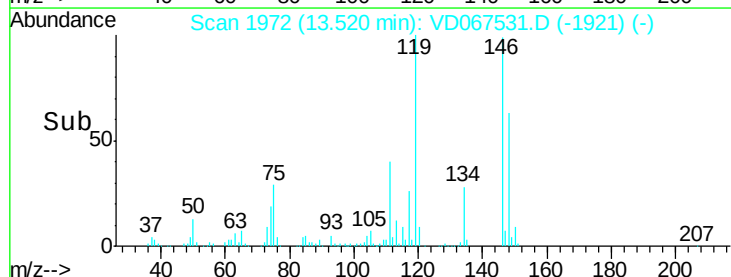
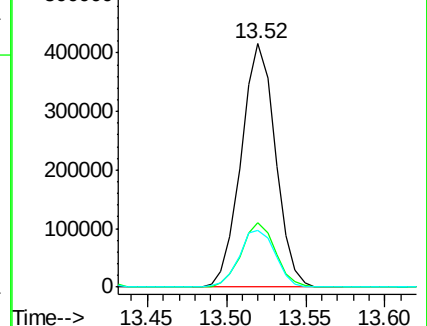
91 24.4 12.2 36.4

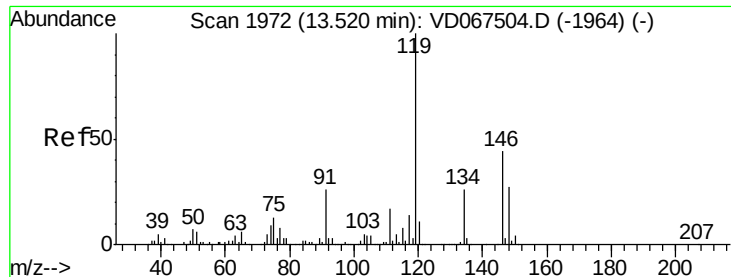


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

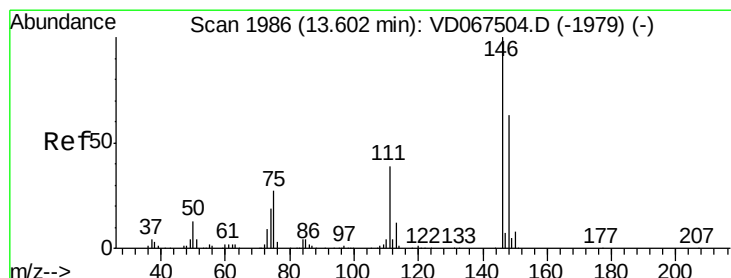
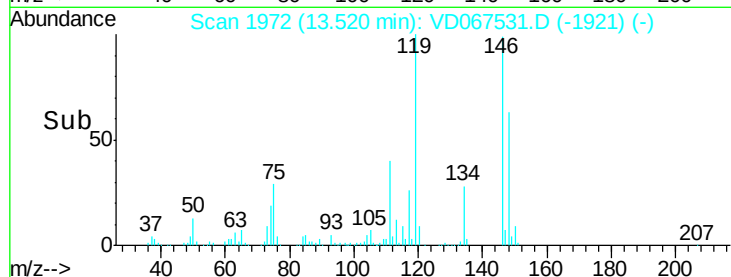
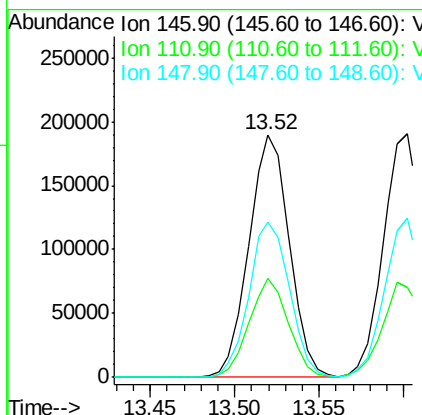
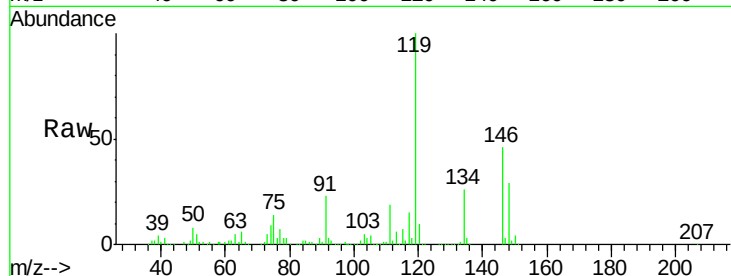




#87
 1,3-Dichlorobenzene
 Concen: 48.644 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

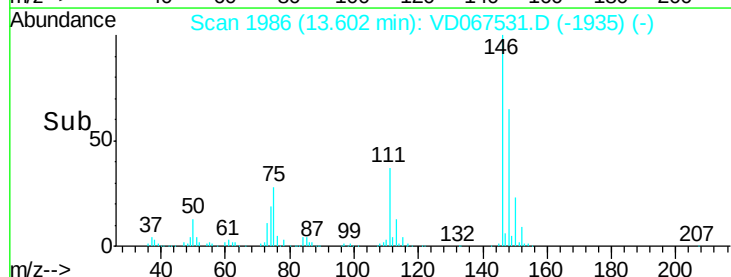
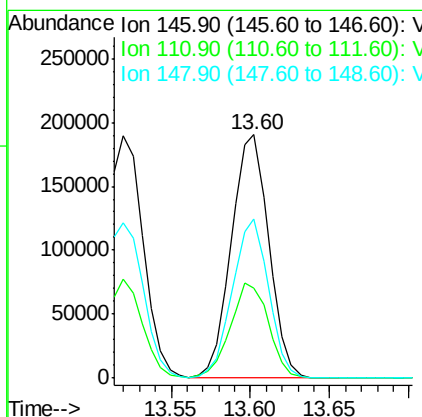
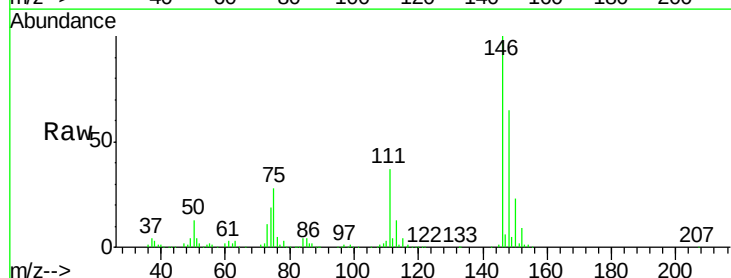
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

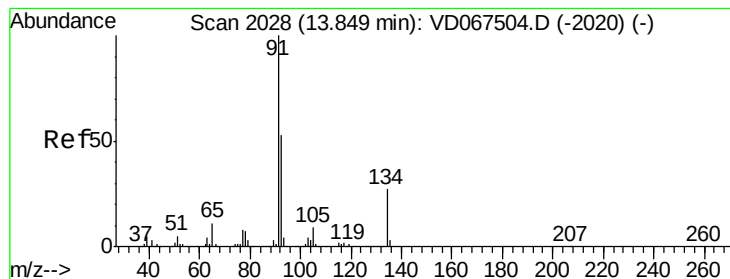
Tot Ion:146 Resp: 316366
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.8
 148 64.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.359 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Tgt Ion:146 Resp: 311877
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.7
 148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 47.298 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. -0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

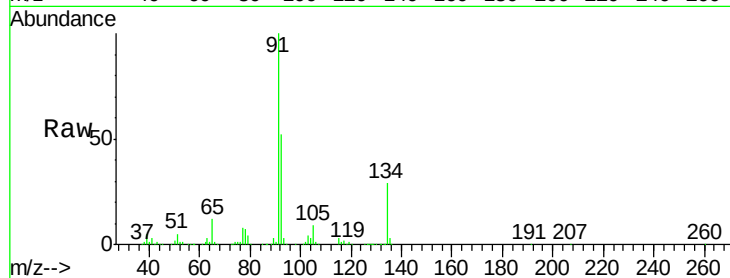
Tot Ion: 91 Resp: 535123

Ion Ratio Lower Upper

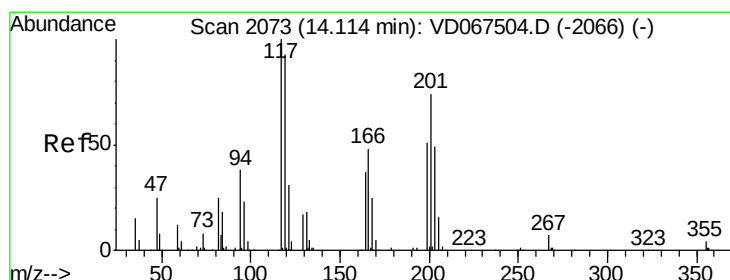
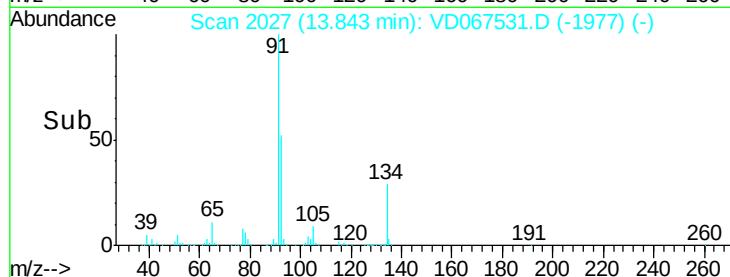
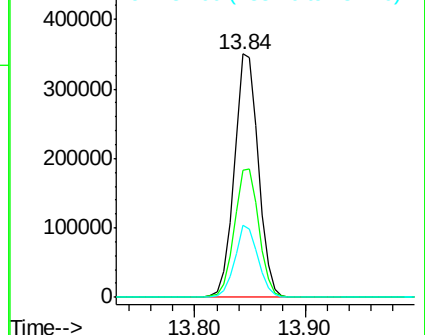
91 100

92 53.8 26.6 79.8

134 28.5 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.014 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VD067531.D

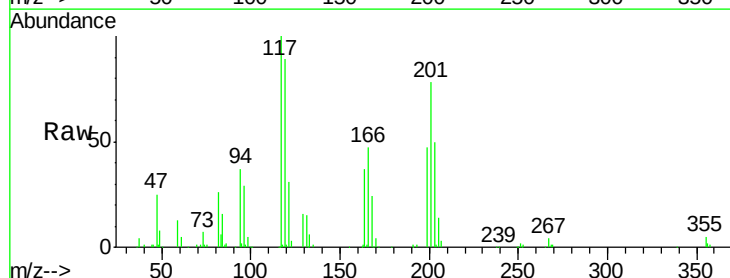
Acq: 04 Nov 2020 20:12

Tgt Ion: 117 Resp: 118433

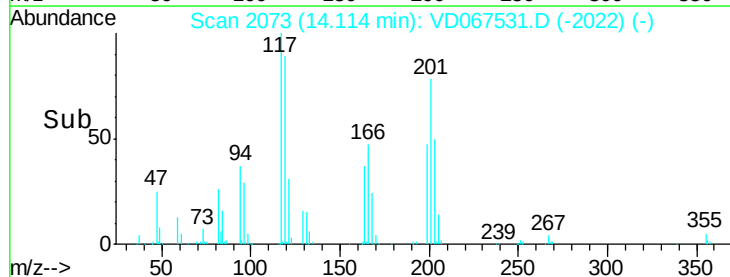
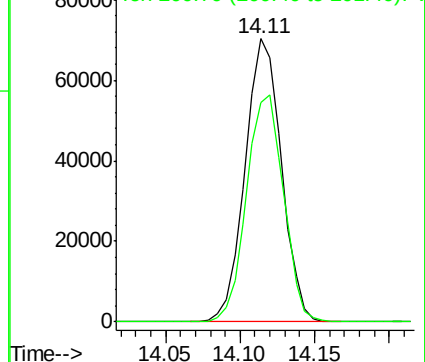
Ion Ratio Lower Upper

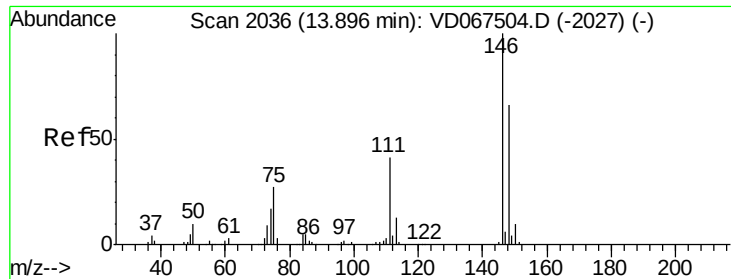
117 100

201 81.5 40.7 122.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

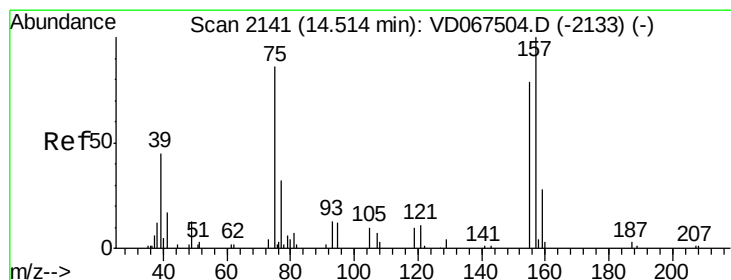
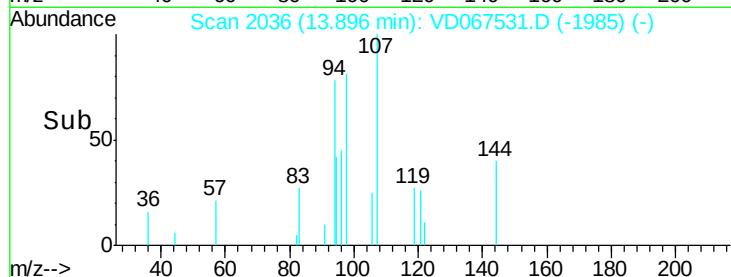
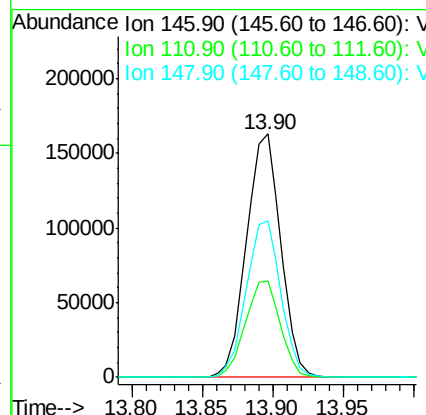
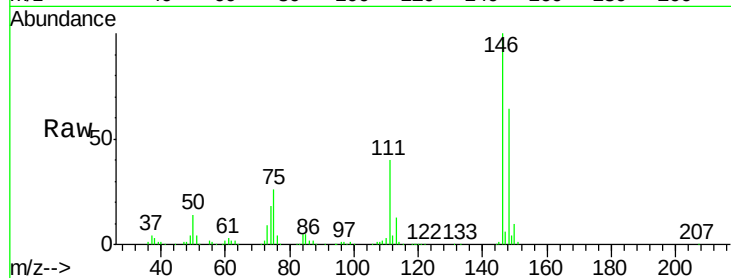




#91
 1,2-Dichlorobenzene
 Concen: 49.496 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

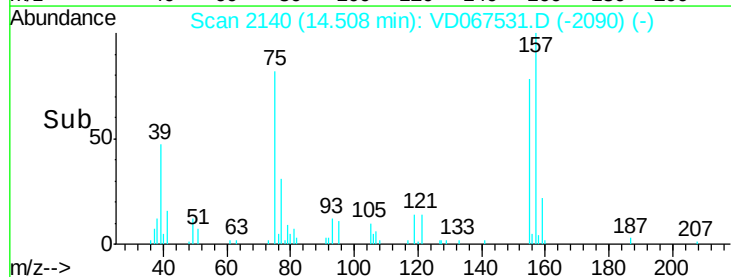
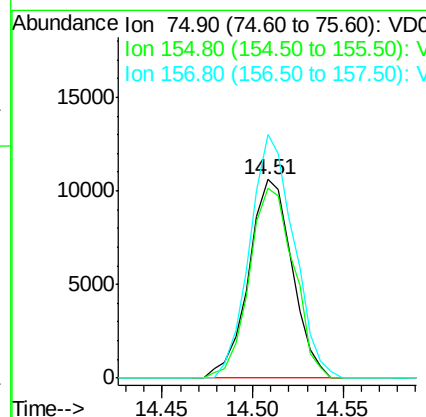
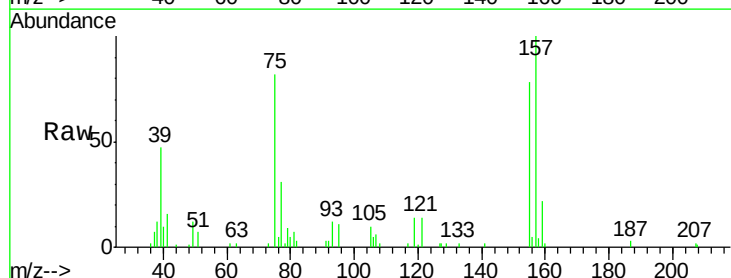
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

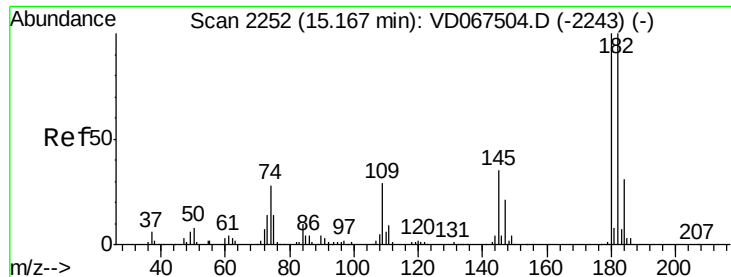
Tot Ion:146 Resp: 278597
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.7 62.1
 148 65.0 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.111 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067531.D
 Acq: 04 Nov 2020 20:12

Tgt Ion: 75 Resp: 17796
 Ion Ratio Lower Upper
 75 100
 155 97.2 46.6 139.8
 157 123.3 58.1 174.2

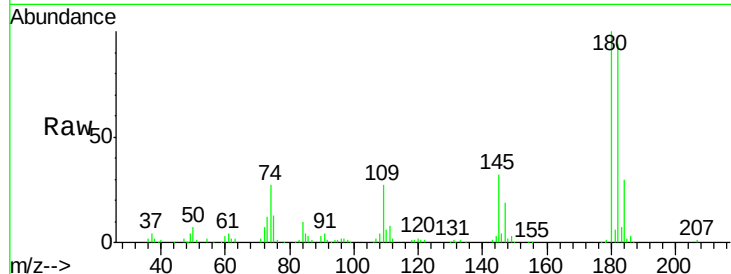




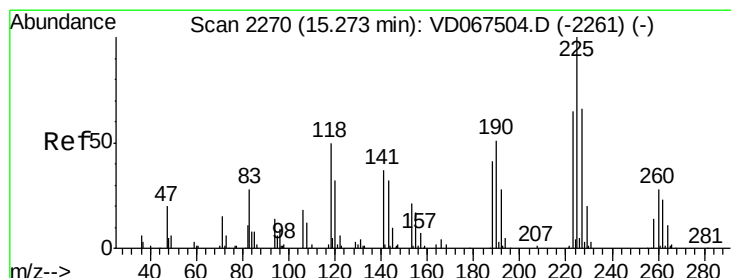
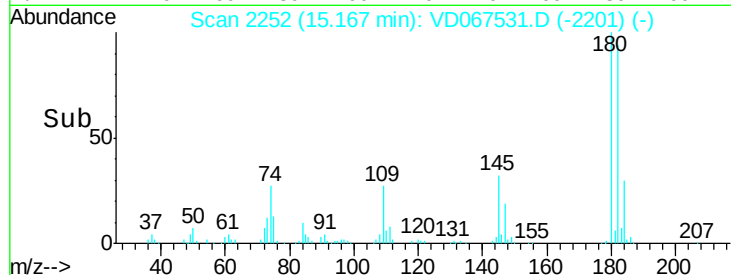
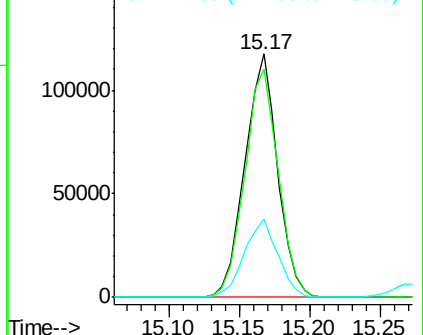
#93
1,2,4-Trichlorobenzene
Concen: 49.825 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.4	142.3
145	33.0	16.2	48.6

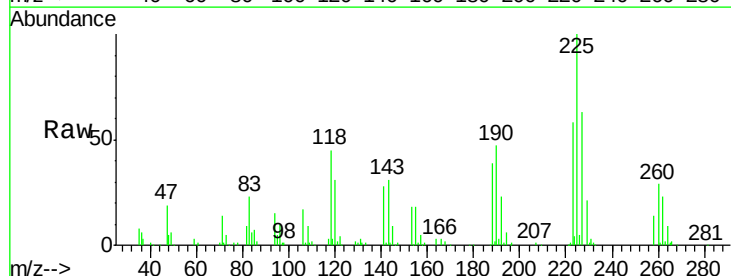


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

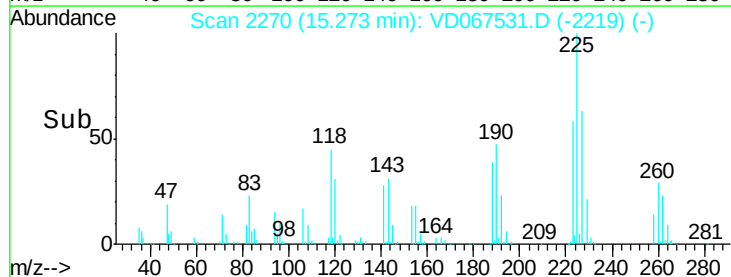
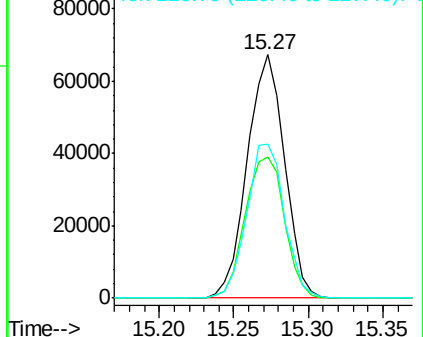


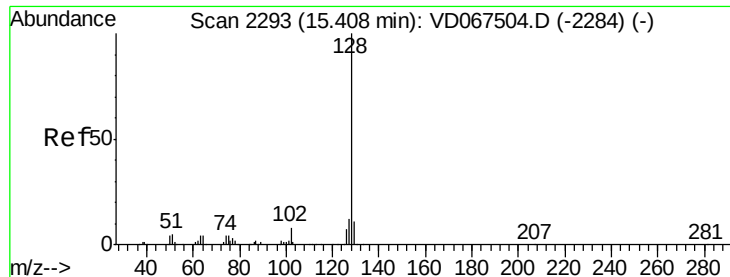
#94
Hexachlorobutadiene
Concen: 45.524 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD067531.D
Acq: 04 Nov 2020 20:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.9	95.5
227	64.0	32.5	97.4



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





#95

Naphthalene

Concen: 55.978 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

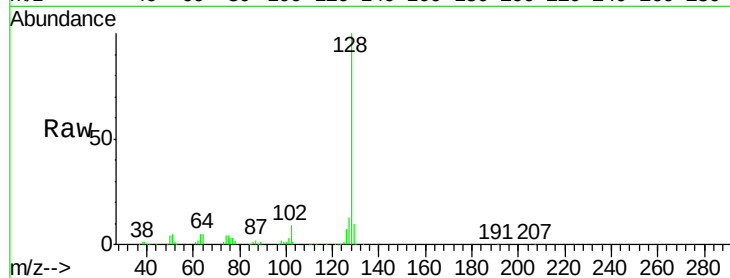
Tot Ion:128 Resp: 330024

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

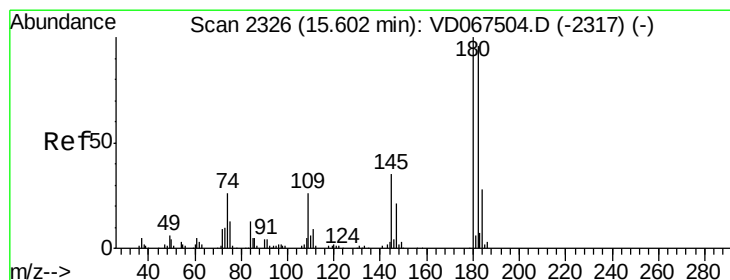
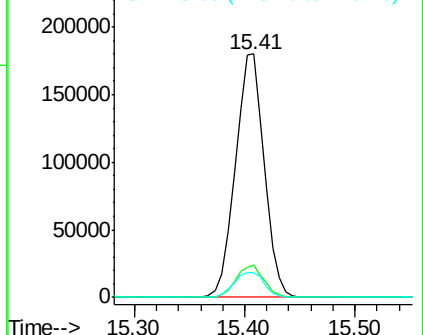
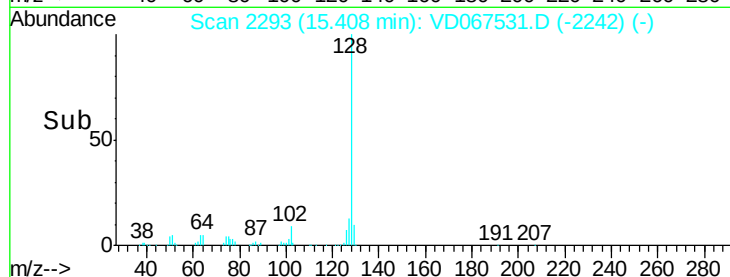
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.110 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067531.D

Acq: 04 Nov 2020 20:12

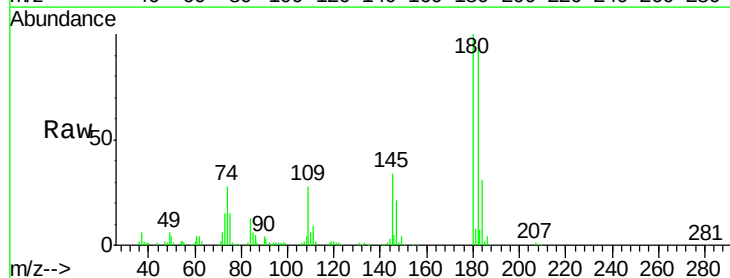
Tgt Ion:180 Resp: 163933

Ion Ratio Lower Upper

180 100

182 97.8 46.9 140.8

145 34.3 17.1 51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

