

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062620\
 Data File : VD065877.D
 Acq On : 26 Jun 2020 12:32
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 26 18:38:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 18:33:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	171016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	273306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	252847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	131251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	169890	95.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.82%	
35) Dibromofluoromethane	7.91	113	164205	100.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.28%	
50) Toluene-d8	10.34	98	641755	100.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.50%	
62) 4-Bromofluorobenzene	12.64	95	223326	106.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	144662	89.541	ug/l	98
3) Chloromethane	2.21	50	210276	91.866	ug/l	97
4) Vinyl Chloride	2.35	62	230903	92.964	ug/l	94
5) Bromomethane	2.76	94	144561	89.119	ug/l	97
6) Chloroethane	2.92	64	146128	91.767	ug/l	98
7) Trichlorofluoromethane	3.27	101	306910	95.893	ug/l	98
8) Diethyl Ether	3.71	74	78906	96.794	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	170182	95.015	ug/l	98
10) Methyl Iodide	4.30	142	198236	119.140	ug/l	98
11) Tert butyl alcohol	5.21	59	41458	422.103	ug/l	97
12) 1,1-Dichloroethene	4.07	96	159682	93.890	ug/l	90
13) Acrolein	3.92	56	59832	477.848	ug/l	97
14) Allyl chloride	4.71	41	265884	100.591	ug/l	96
15) Acrylonitrile	5.42	53	170785	481.262	ug/l	99
16) Acetone	4.16	43	168684	482.042	ug/l #	87
17) Carbon Disulfide	4.41	76	535569	95.469	ug/l	99
18) Methyl Acetate	4.72	43	73760	98.855	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	366655	100.596	ug/l	97
20) Methylene Chloride	4.97	84	175698	82.867	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	187505	97.925	ug/l	98
22) Diisopropyl ether	6.37	45	567405	104.192	ug/l	98
23) Vinyl Acetate	6.31	43	1655974	523.477	ug/l	99
24) 1,1-Dichloroethane	6.26	63	323042	97.838	ug/l	99
25) 2-Butanone	7.21	43	228494	491.570	ug/l	100
26) 2,2-Dichloropropane	7.21	77	299622	99.966	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	204772	99.472	ug/l	99
28) Bromochloromethane	7.55	49	123209	101.523	ug/l	100
29) Tetrahydrofuran	7.56	42	148460	515.565	ug/l	96
30) Chloroform	7.71	83	345432	99.105	ug/l	100
31) Cyclohexane	7.98	56	300749	95.655	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	323392	99.904	ug/l	99
36) 1,1-Dichloropropene	8.11	75	267766	99.259	ug/l	98
37) Ethyl Acetate	7.29	43	107940	104.996	ug/l #	97
38) Carbon Tetrachloride	8.10	117	290728	101.227	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	321493	102.119	ug/l	98
40) Benzene	8.35	78	751269	101.079	ug/l	98
41) Methacrylonitrile	7.56	41	150331	235.429	ug/l #	1
42) 1,2-Dichloroethane	8.43	62	217975	100.312	ug/l	99
43) Isopropyl Acetate	8.46	43	205565	103.246	ug/l	98
44) Trichloroethene	9.11	130	199333	100.749	ug/l	97
45) 1,2-Dichloropropane	9.38	63	179857	100.288	ug/l	98
46) Dibromomethane	9.48	93	99162	102.629	ug/l	98
47) Bromodichloromethane	9.66	83	269793	102.545	ug/l	98
48) Methyl methacrylate	9.46	41	105892	108.837	ug/l	88
49) 1,4-Dioxane	9.47	88	19263	1791.856	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	531350	528.705	ug/l	99
52) Toluene	10.40	92	508988	106.694	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	258615	106.501	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	298505	102.738	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	132377	102.116	ug/l	93
56) Ethyl methacrylate	10.67	69	170541	106.171	ug/l	97
57) 1,3-Dichloropropane	10.95	76	231702	100.800	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	361139	513.637	ug/l	98
59) 2-Hexanone	10.99	43	374897	527.666	ug/l	99
60) Dibromochloromethane	11.14	129	181662	103.900	ug/l	99
61) 1,2-Dibromoethane	11.25	107	131795	104.585	ug/l	97
64) Tetrachloroethene	10.88	164	162846	99.061	ug/l	100
65) Chlorobenzene	11.67	112	501274	100.523	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	194816	105.461	ug/l	98
67) Ethyl Benzene	11.75	91	986964	106.739	ug/l	100
68) m/p-Xylenes	11.85	106	771099	218.620	ug/l	99
69) o-Xylene	12.18	106	343129	108.556	ug/l	99
70) Styrene	12.20	104	623805	112.767	ug/l	99
71) Bromoform	12.36	173	97260	98.832	ug/l #	96
73) Isopropylbenzene	12.48	105	983198	104.750	ug/l	100
74) N-amyl acetate	12.29	43	210287	102.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	147797	95.508	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	200016	183.816	ug/l #	1
77) Bromobenzene	12.77	156	204023	96.568	ug/l	96
78) n-propylbenzene	12.83	91	1173167	103.499	ug/l	100
79) 2-Chlorotoluene	12.91	91	640165	102.778	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	825901	105.599	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	53113	100.498	ug/l	97
82) 4-Chlorotoluene	13.01	91	695478	103.833	ug/l	98
83) tert-Butylbenzene	13.23	119	703029	105.758	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	829686	106.602	ug/l	100
85) sec-Butylbenzene	13.41	105	976514	103.974	ug/l	99
86) p-Isopropyltoluene	13.52	119	919807	106.661	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	423060	102.803	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	411147	99.933	ug/l	99
89) n-Butylbenzene	13.85	91	873322	104.454	ug/l	99
90) Hexachloroethane	14.11	117	170302	97.947	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	359757	100.042	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23976	96.723	ug/l	92

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Quant Title : SW846 8260
QLast Update : Fri Jun 26 18:33:50 2020
Response via : Initial Calibration

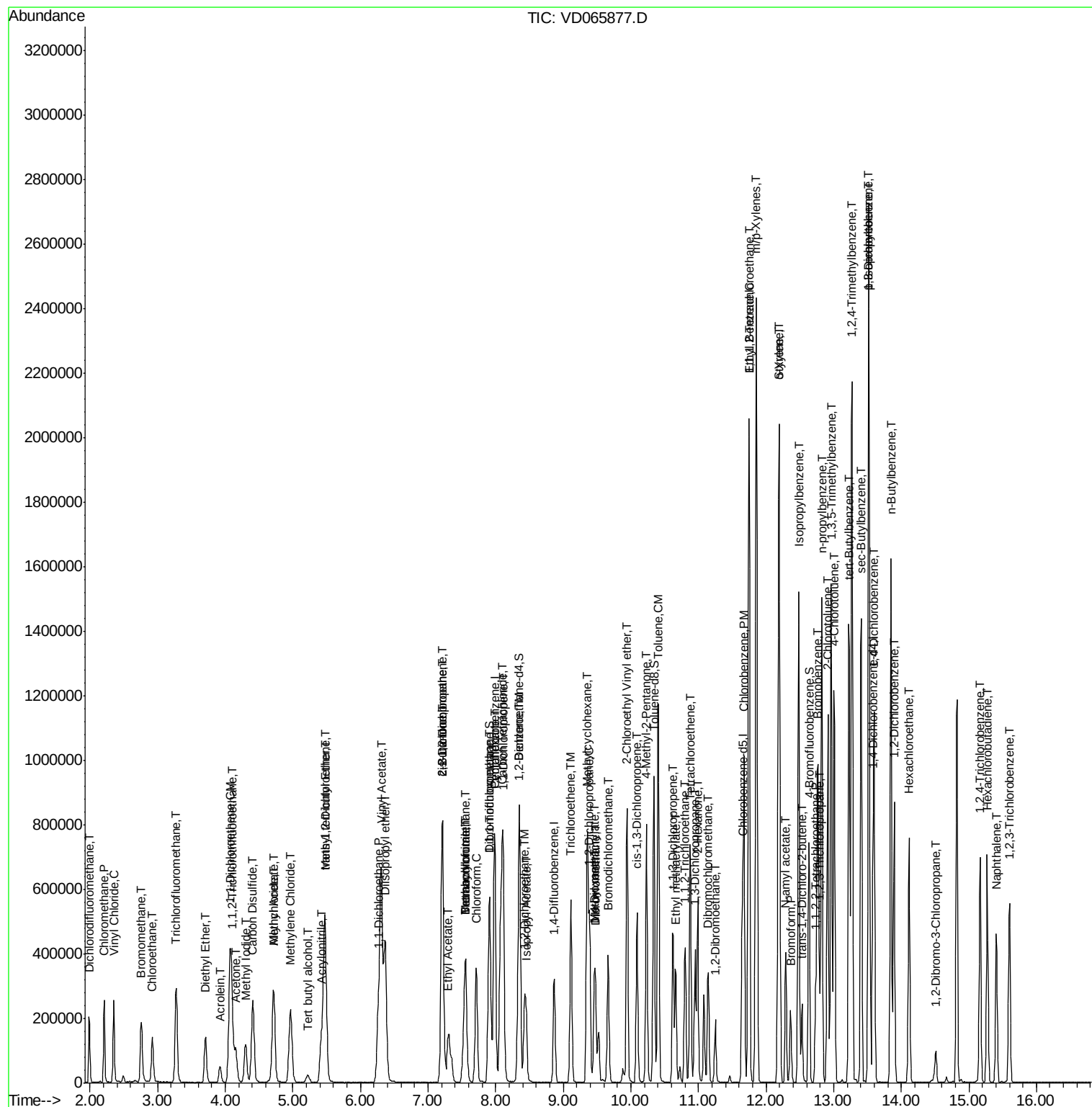
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	217633	93.677	ug/l	100
94) Hexachlorobutadiene	15.27	225	122446	95.799	ug/l	98
95) Naphthalene	15.41	128	399646	98.809	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	181974	94.807	ug/l	98

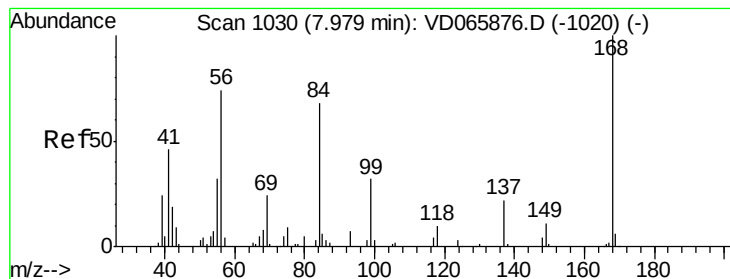
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

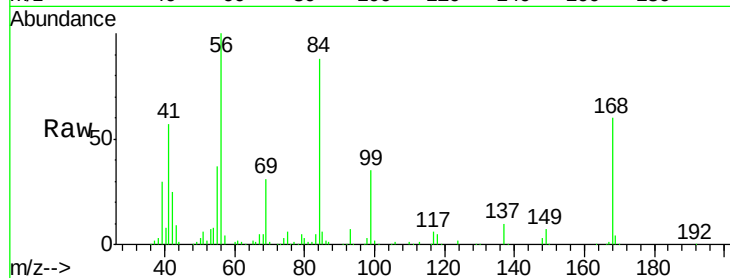
VSTDIC100

Tgt Ion:168 Resp: 171016

Ion Ratio Lower Upper

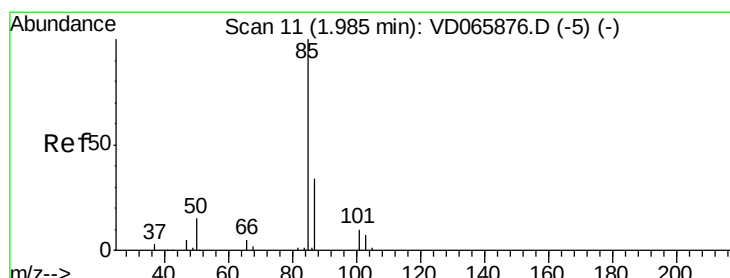
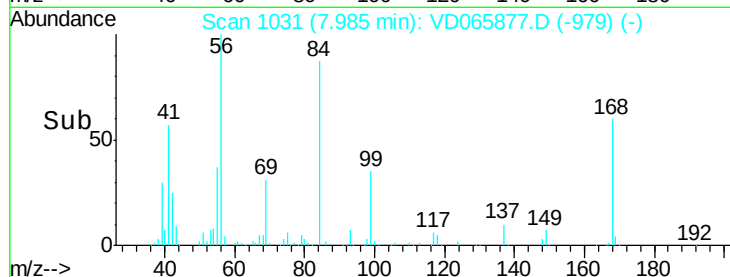
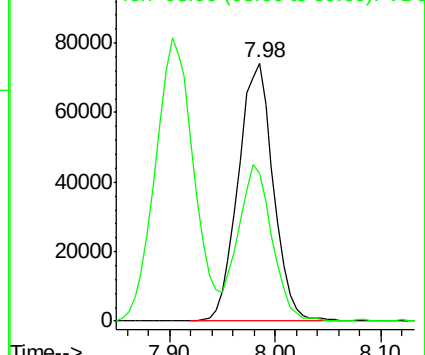
168 100

99 57.1 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 89.541 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065877.D

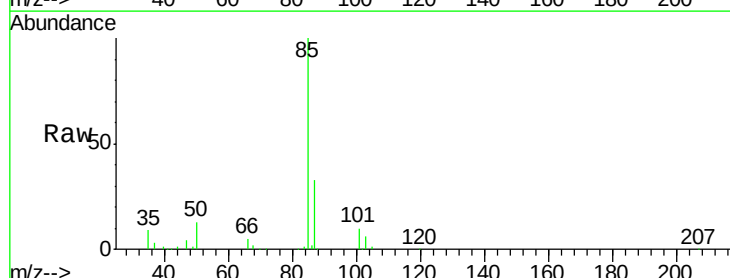
Acq: 26 Jun 2020 12:32

Tgt Ion: 85 Resp: 144662

Ion Ratio Lower Upper

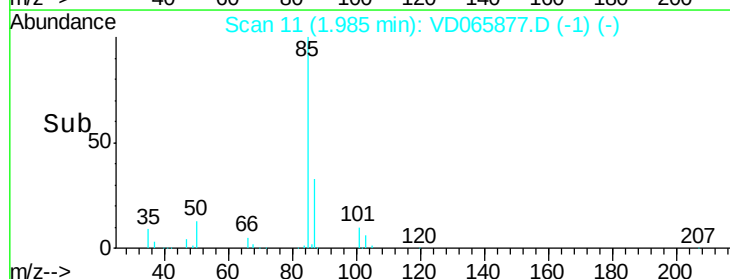
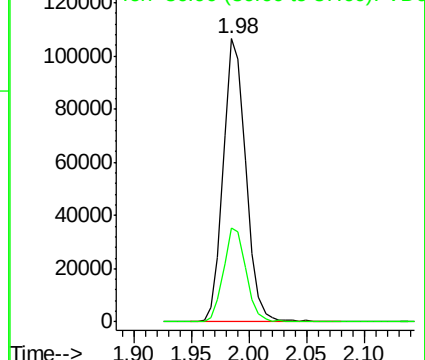
85 100

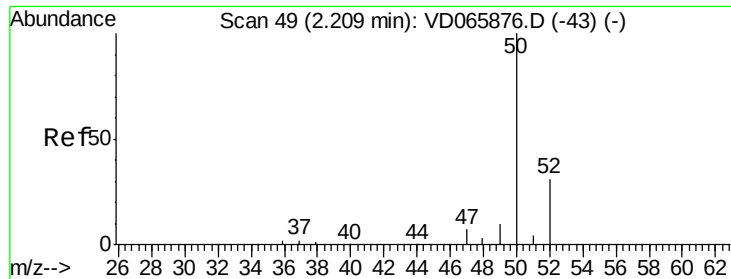
87 33.2 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 91.866 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

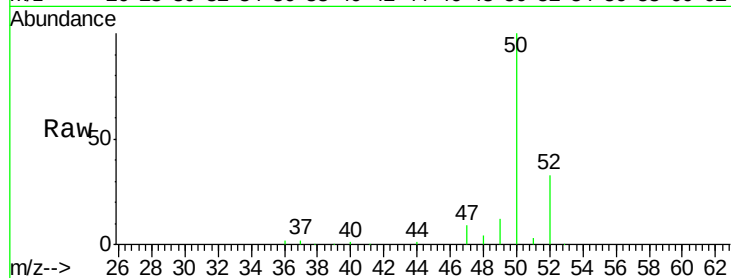
VSTDIC100

Tgt Ion: 50 Resp: 210276

Ion Ratio Lower Upper

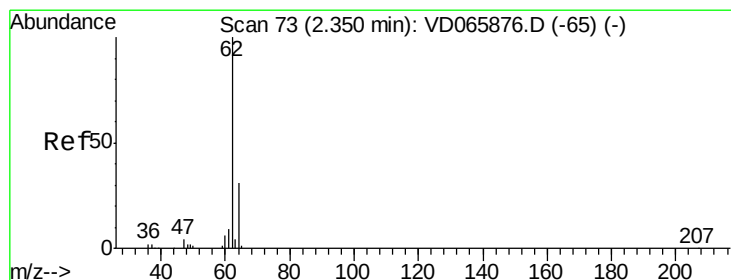
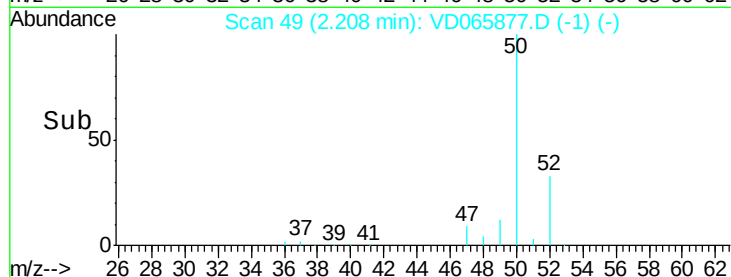
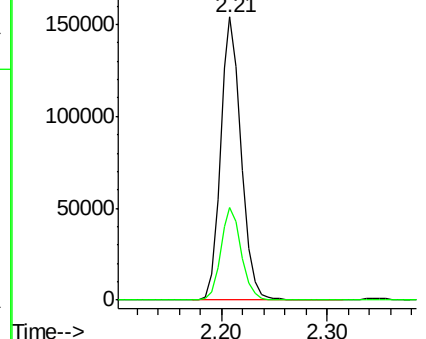
50 100

52 32.6 24.7 37.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 92.964 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065877.D

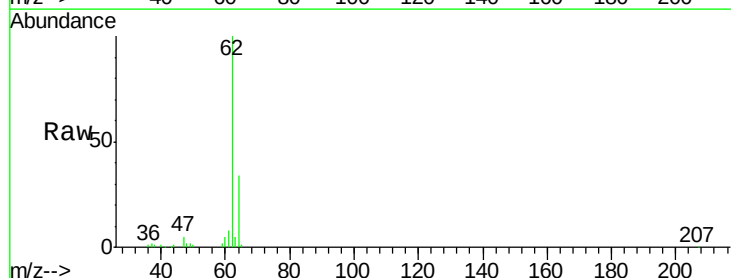
Acq: 26 Jun 2020 12:32

Tgt Ion: 62 Resp: 230903

Ion Ratio Lower Upper

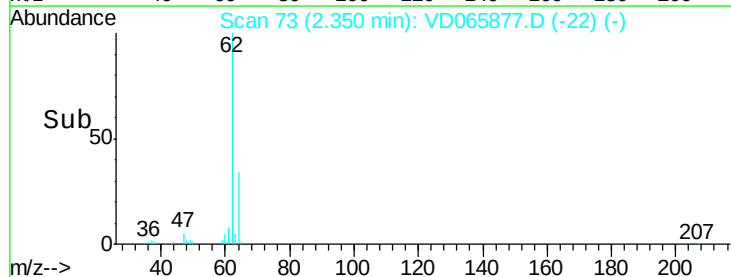
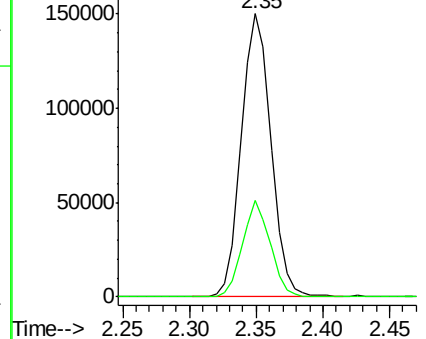
62 100

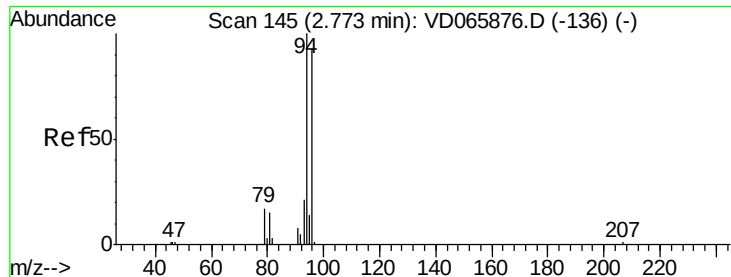
64 34.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 89.119 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

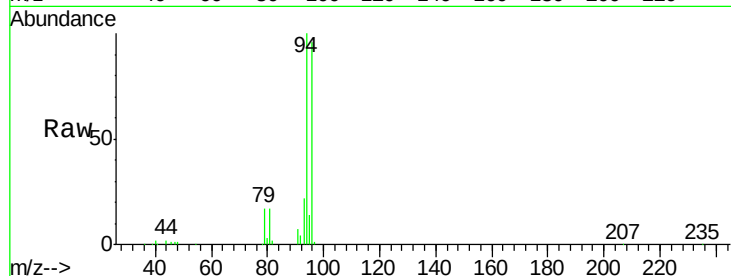
VSTDIC100

Tgt Ion: 94 Resp: 144561

Ion Ratio Lower Upper

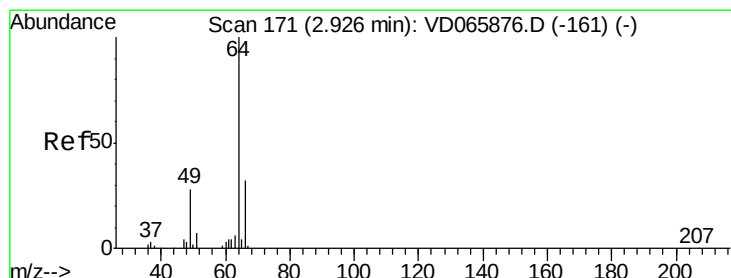
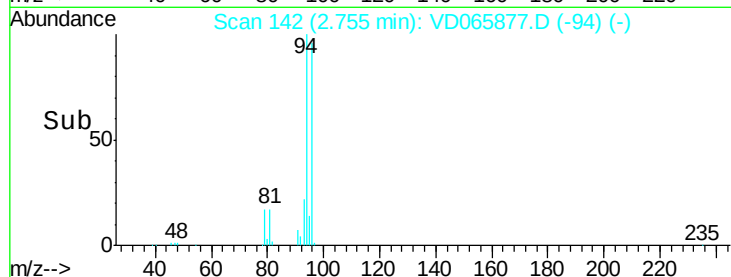
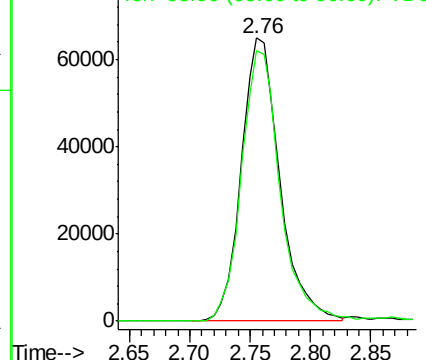
94 100

96 95.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 91.767 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065877.D

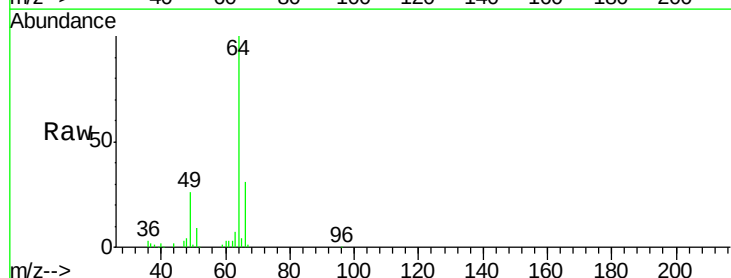
Acq: 26 Jun 2020 12:32

Tgt Ion: 64 Resp: 146128

Ion Ratio Lower Upper

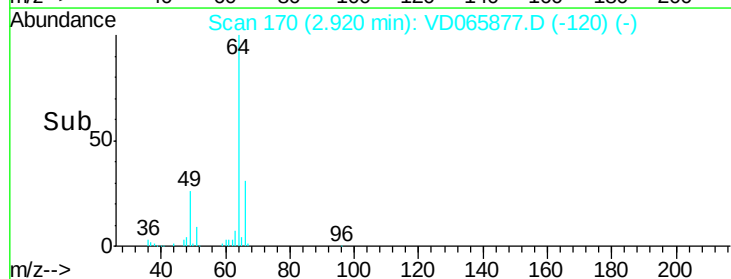
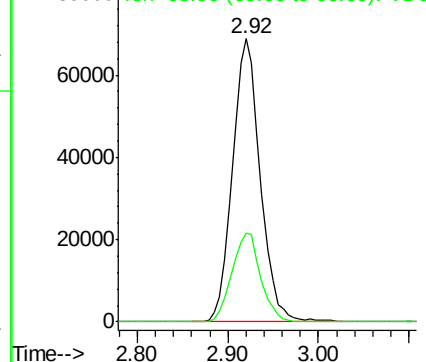
64 100

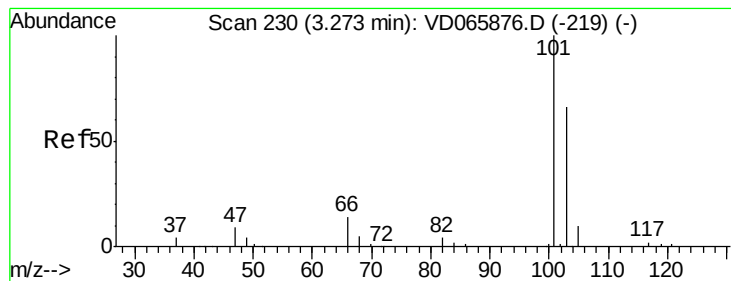
66 31.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



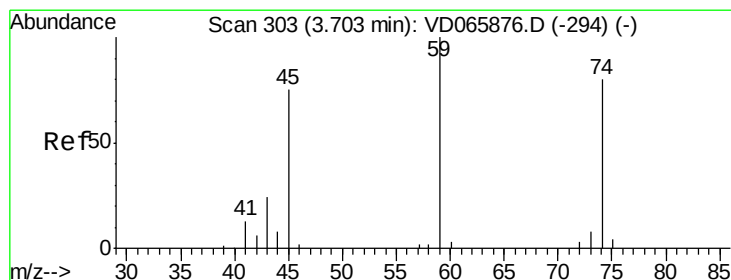
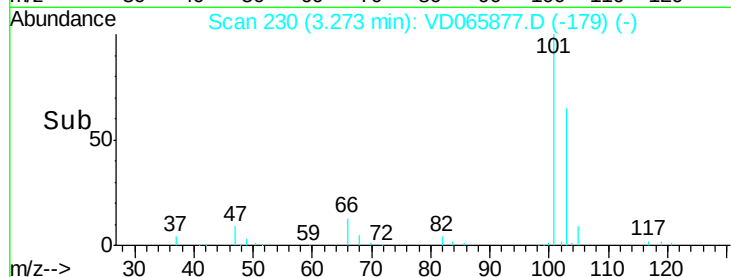
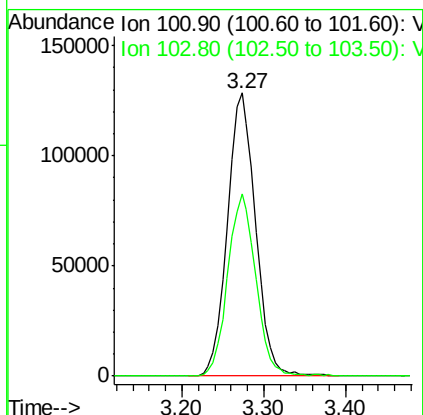
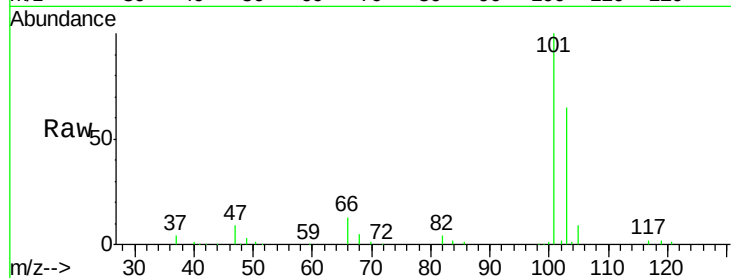


#7

Trichlorofluoromethane
Concen: 95.893 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065877.D
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Instrument :
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ClientSampleId :
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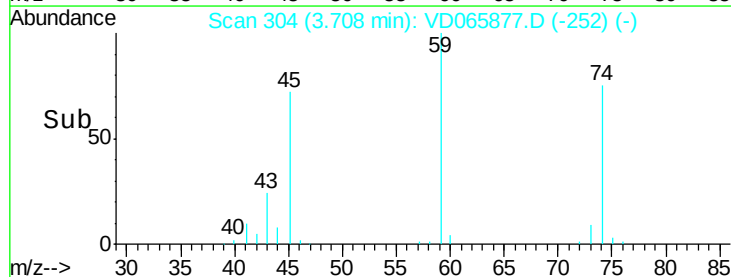
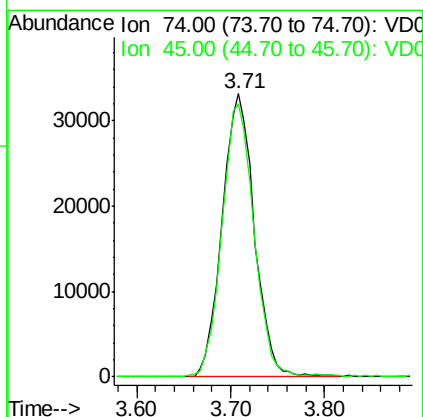
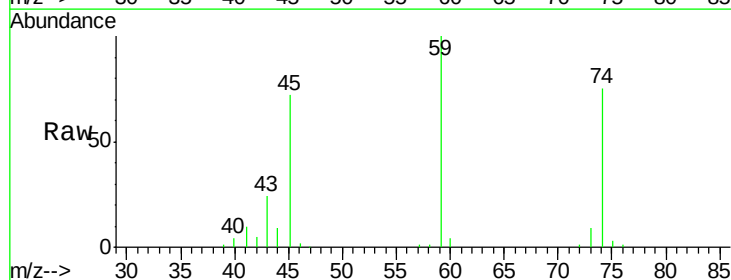
Tgt Ion:101 Resp: 306910
Ion Ratio Lower Upper
101 100
103 64.5 52.9 79.3

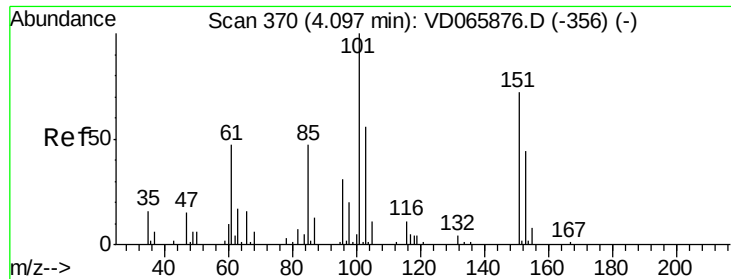


#8

Diethyl Ether
Concen: 96.794 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion: 74 Resp: 78906
Ion Ratio Lower Upper
74 100
45 95.8 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.015 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

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VSTDIC100

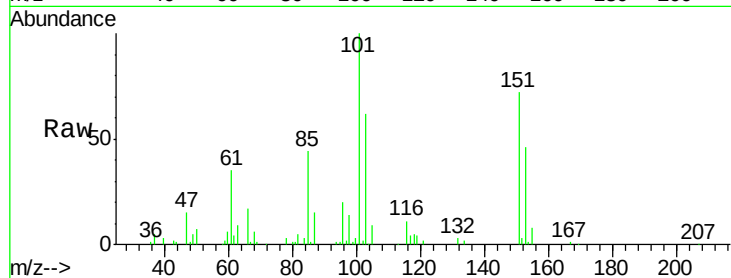
Tgt Ion:101 Resp: 170182

Ion Ratio Lower Upper

101 100

85 45.8 38.6 58.0

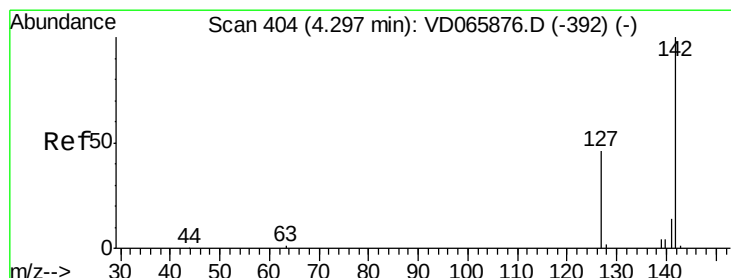
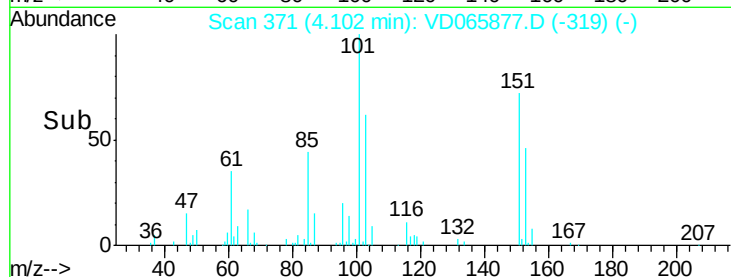
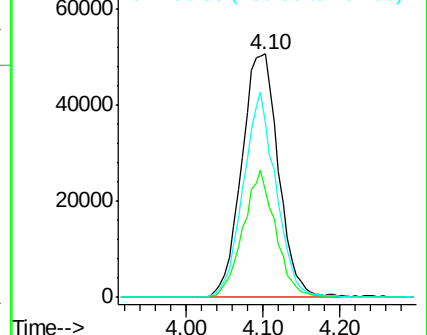
151 74.8 60.7 91.1



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: 119.140 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

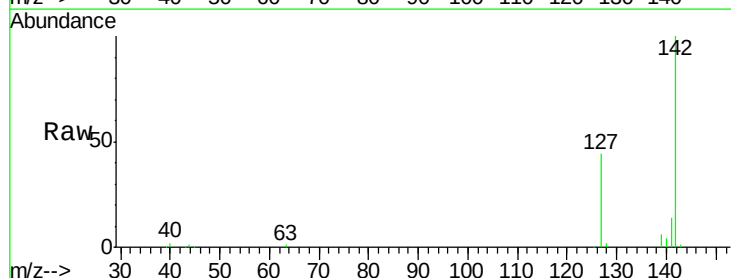
Tgt Ion:142 Resp: 198236

Ion Ratio Lower Upper

142 100

127 46.7 39.0 58.6

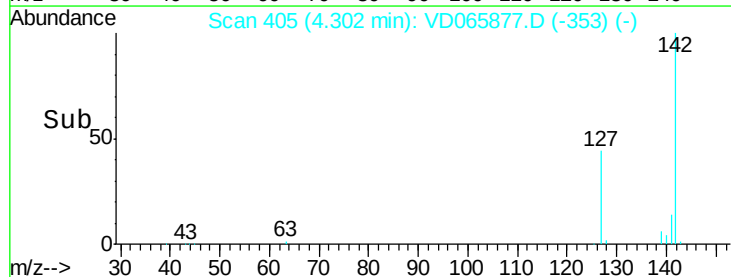
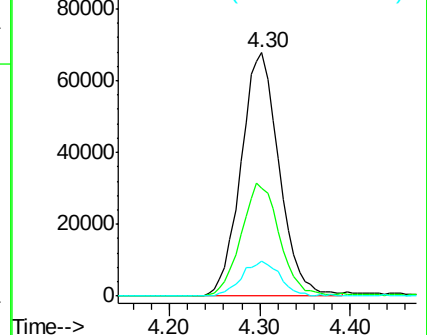
141 14.5 11.5 17.3

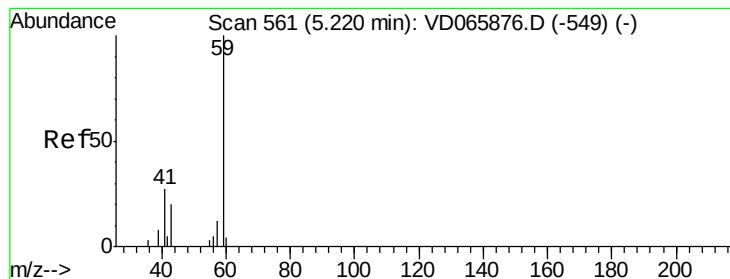


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



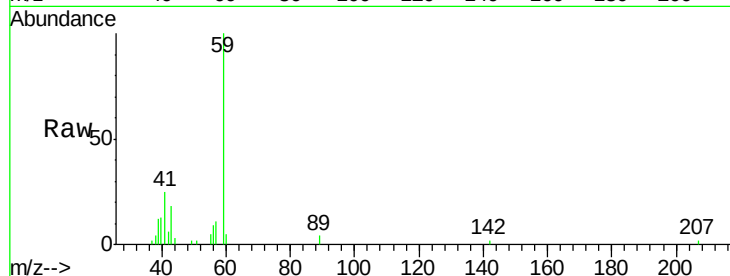


#11

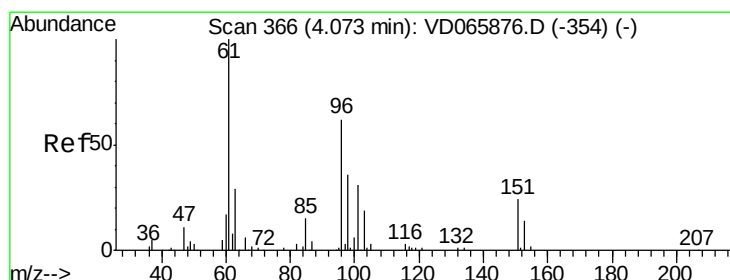
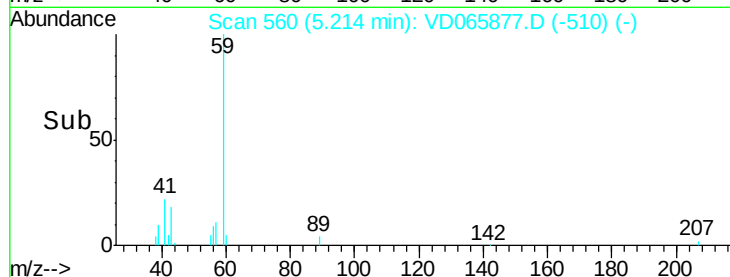
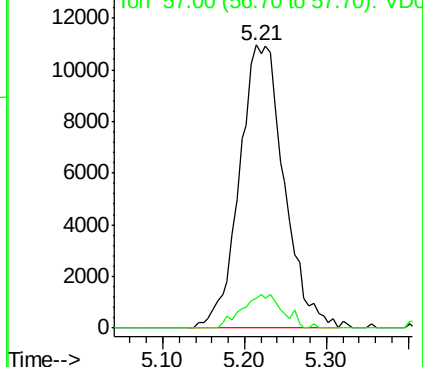
Tert butyl alcohol
Concen: 422.103 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 41458
Ion Ratio Lower Upper
59 100
57 10.8 9.7 14.5



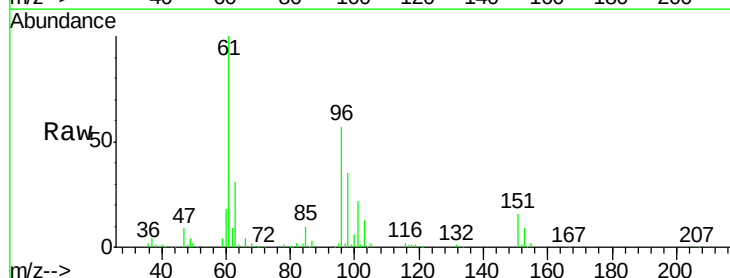
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



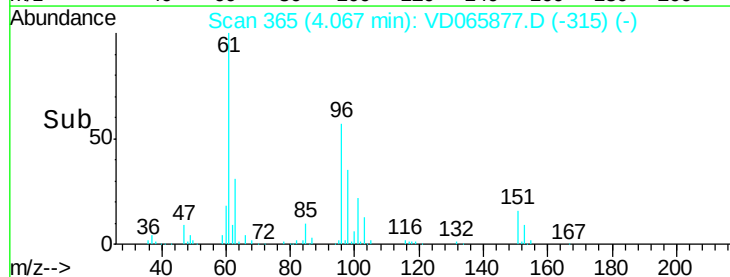
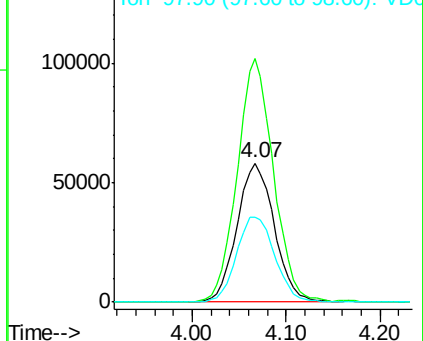
#12

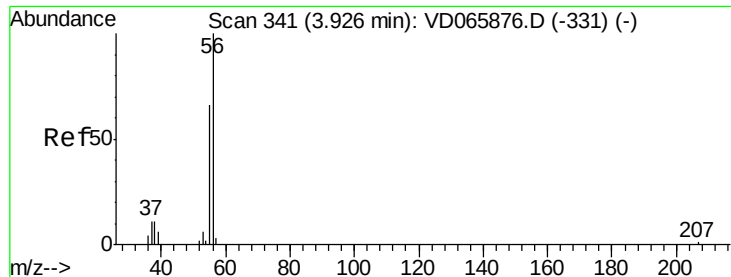
1,1-Dichloroethene
Concen: 93.890 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion: 96 Resp: 159682
Ion Ratio Lower Upper
96 100
61 175.1 128.3 192.5
98 61.5 46.2 69.2



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





#13

Acrolein

Concen: 477.848 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

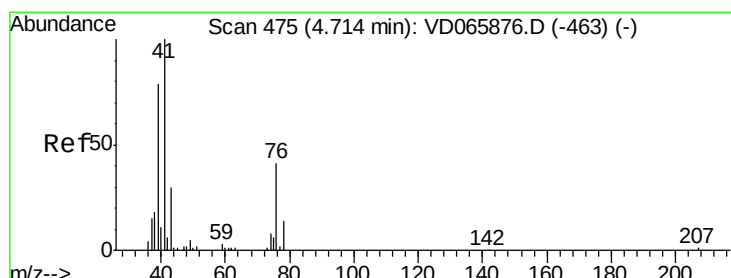
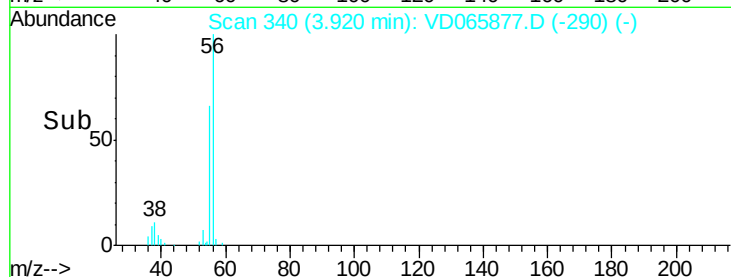
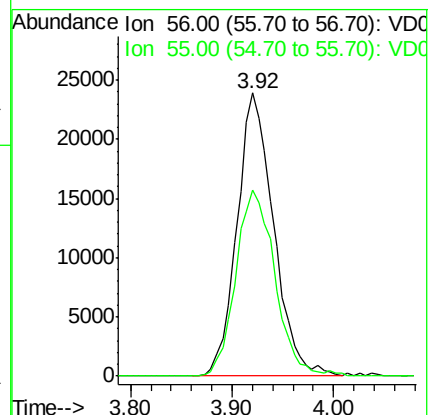
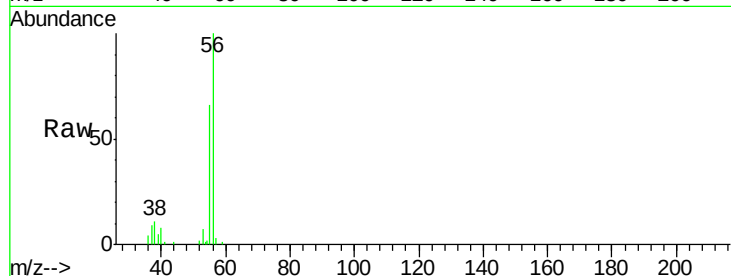
VSTDIC100

Tgt Ion: 56 Resp: 59832

Ion Ratio Lower Upper

56 100

55 70.2 58.1 87.1



#14

Allyl chloride

Concen: 100.591 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

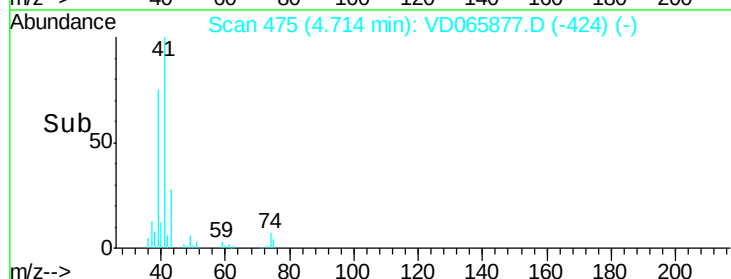
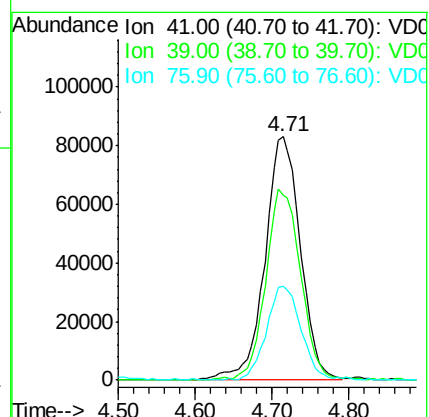
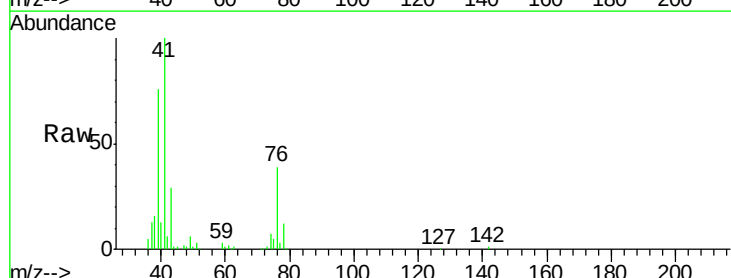
Tgt Ion: 41 Resp: 265884

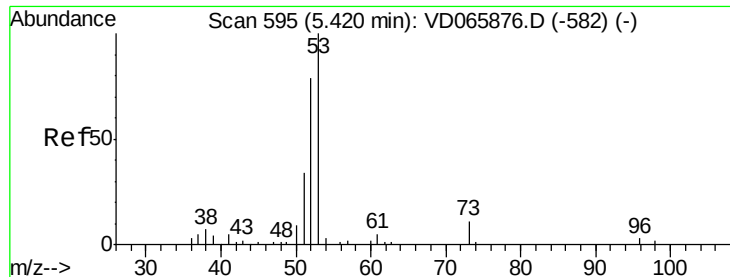
Ion Ratio Lower Upper

41 100

39 77.1 63.8 95.8

76 37.2 32.2 48.4





#15

Acrylonitrile

Concen: 481.262 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

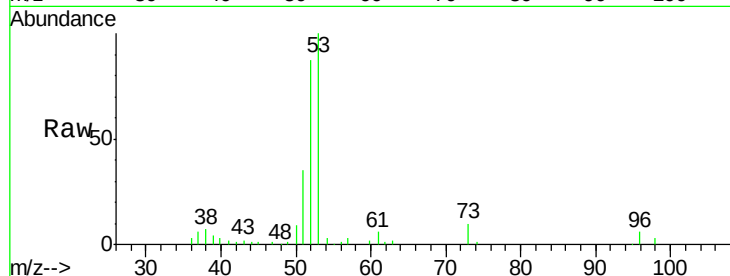
Tgt Ion: 53 Resp: 170785

Ion Ratio Lower Upper

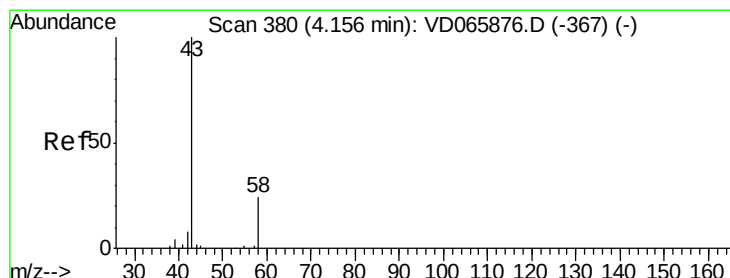
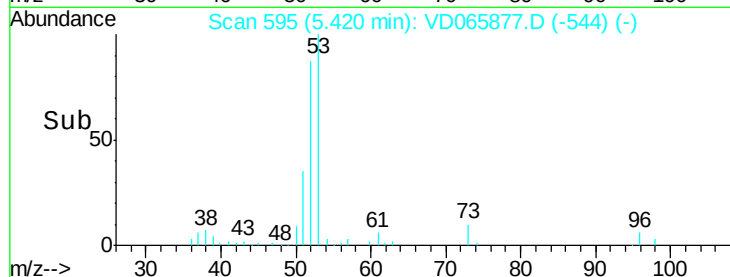
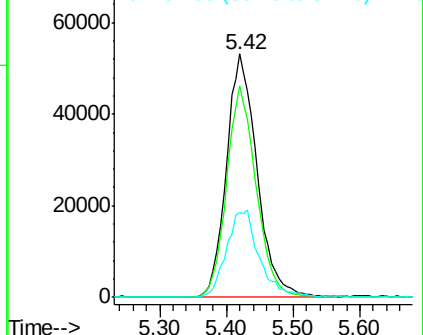
53 100

52 83.7 66.3 99.5

51 38.2 29.9 44.9



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: 482.042 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065877.D

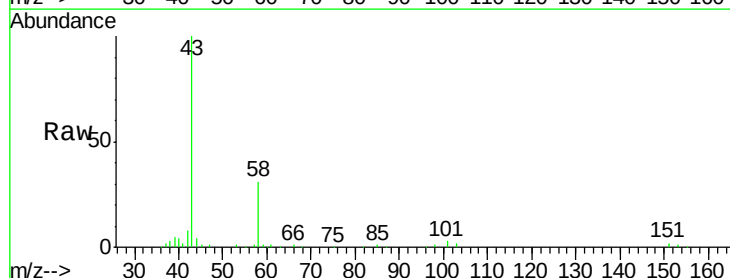
Acq: 26 Jun 2020 12:32

Tgt Ion: 43 Resp: 168684

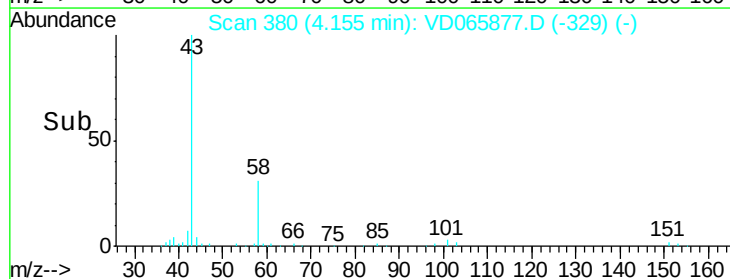
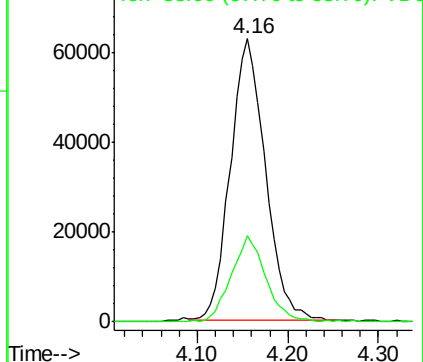
Ion Ratio Lower Upper

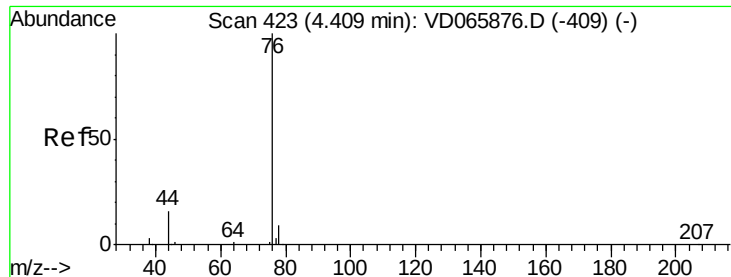
43 100

58 30.8 19.5 29.3#



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





#17

Carbon Disulfide

Concen: 95.469 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

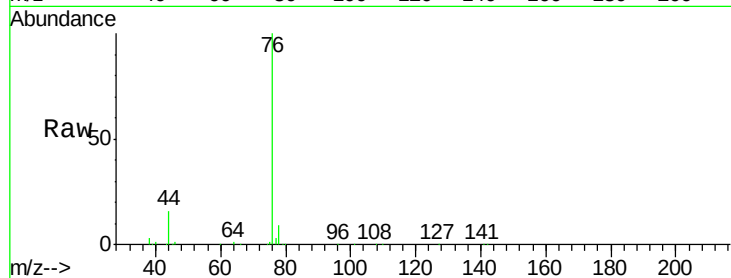
VSTDIC100

Tgt Ion: 76 Resp: 535569

Ion Ratio Lower Upper

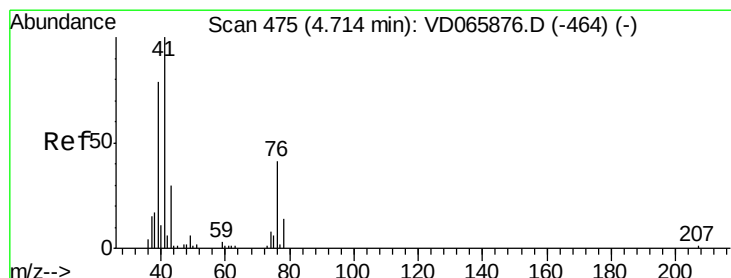
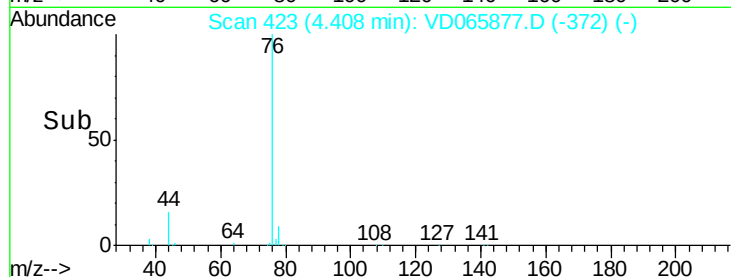
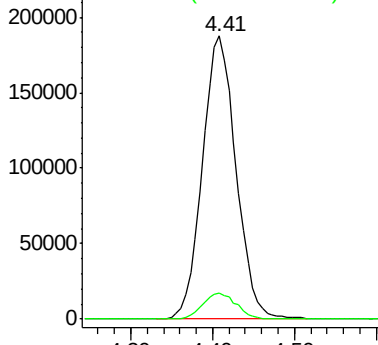
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 98.855 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065877.D

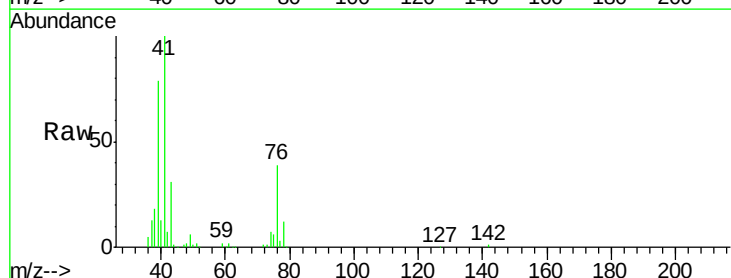
Acq: 26 Jun 2020 12:32

Tgt Ion: 43 Resp: 73760

Ion Ratio Lower Upper

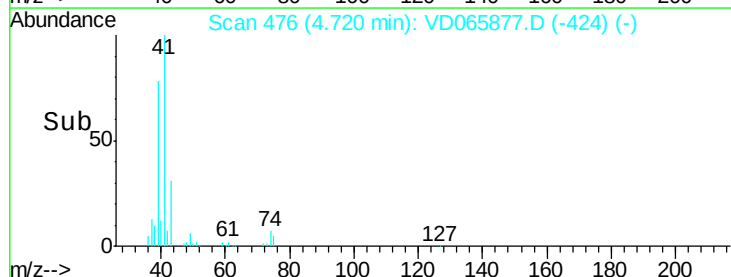
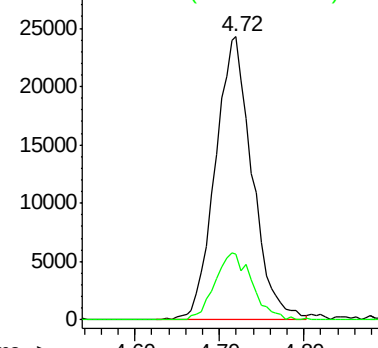
43 100

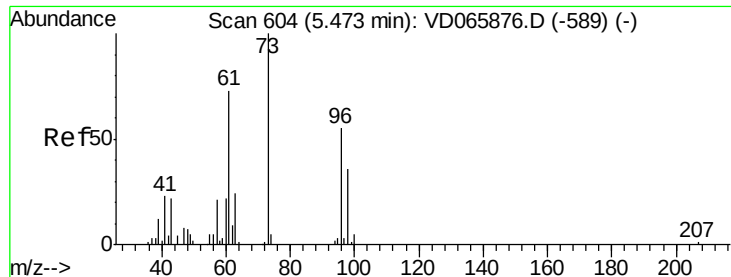
74 23.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

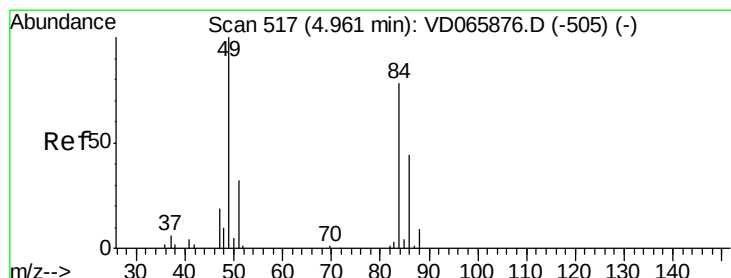
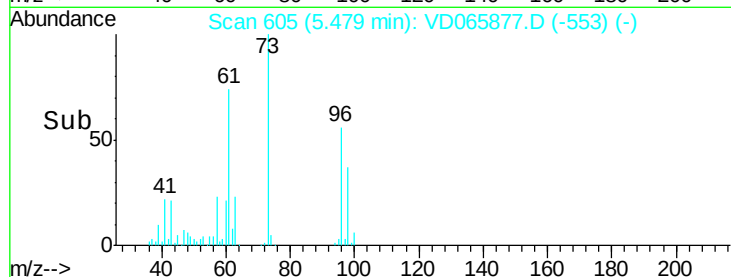
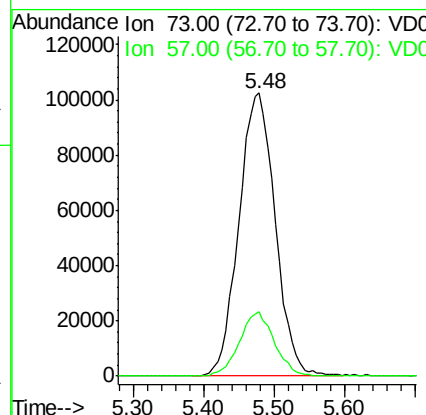
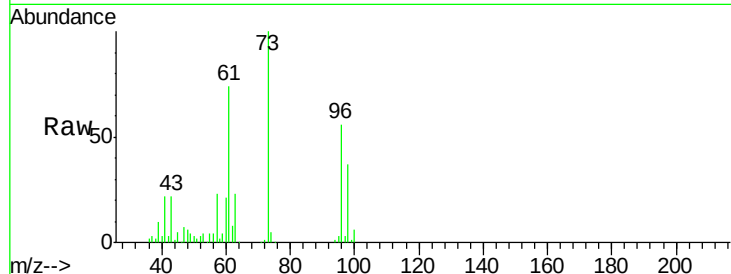




#19
Methyl tert-butyl Ether
Concen: 100.596 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

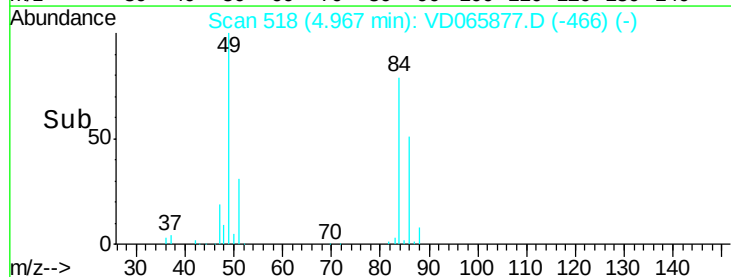
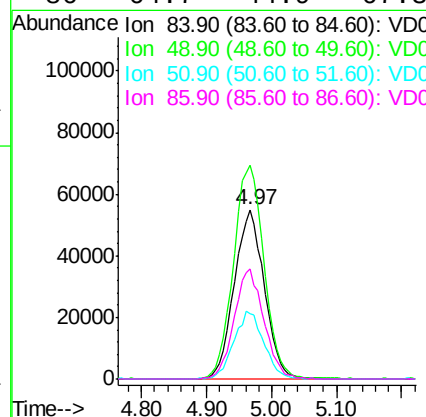
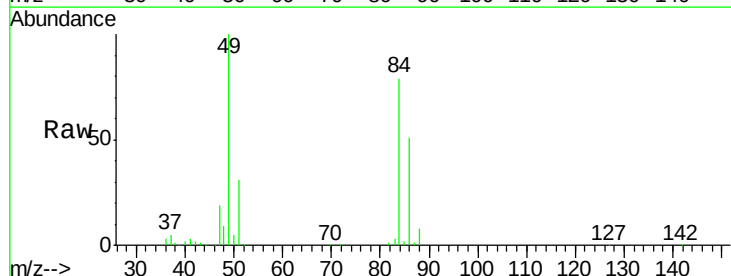
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

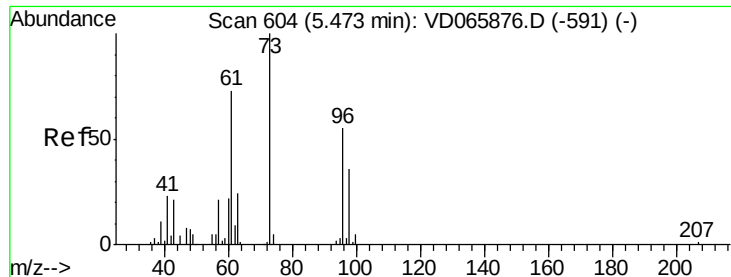
Tgt Ion: 73 Resp: 366655
Ion Ratio Lower Upper
73 100
57 22.8 17.0 25.4



#20
Methylene Chloride
Concen: 82.867 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion: 84 Resp: 175698
Ion Ratio Lower Upper
84 100
49 126.0 103.0 154.6
51 38.8 32.7 49.1
86 64.7 44.9 67.3





#21

trans-1,2-Dichloroethene

Concen: 97.925 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

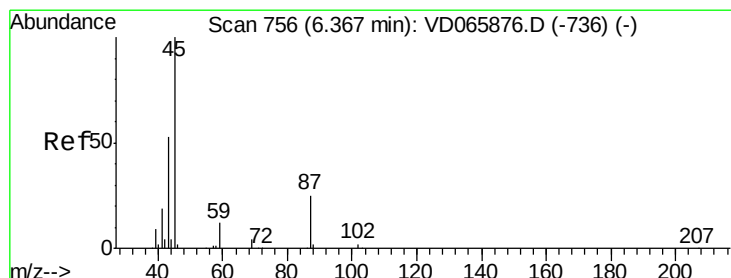
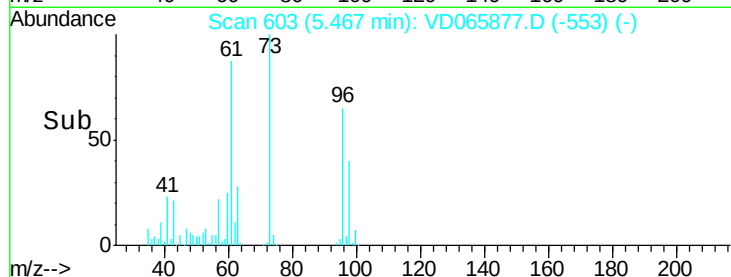
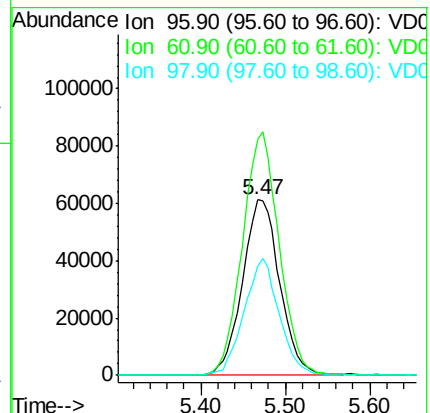
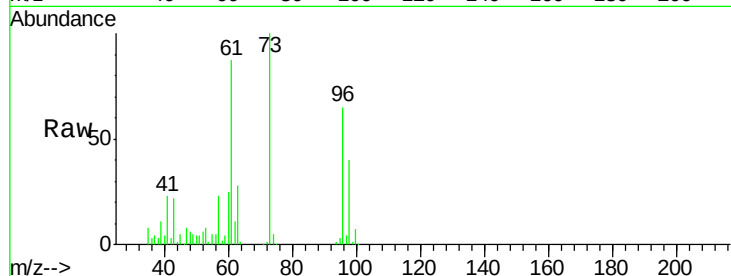
Tgt Ion: 96 Resp: 187505

Ion Ratio Lower Upper

96 100

61 134.3 107.0 160.4

98 62.3 52.2 78.2



#22

Diisopropyl ether

Concen: 104.192 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Tgt Ion: 45 Resp: 567405

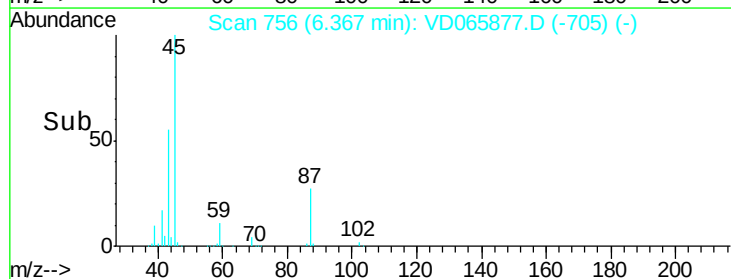
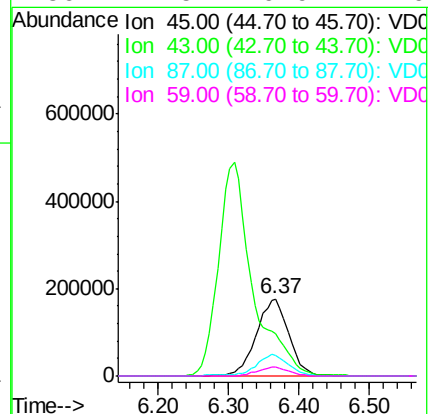
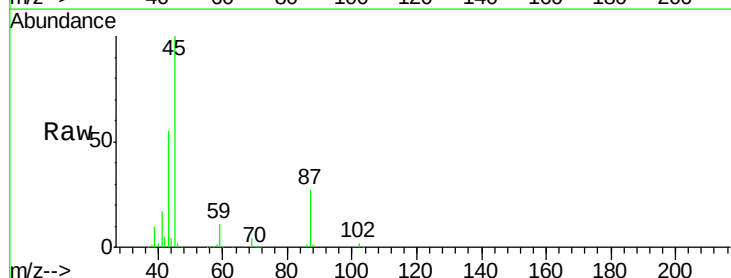
Ion Ratio Lower Upper

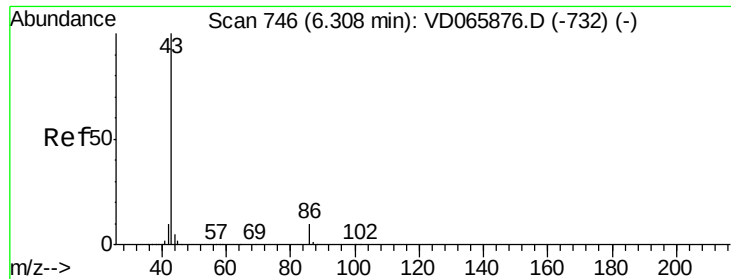
45 100

43 54.0 43.4 65.0

87 26.8 19.8 29.8

59 11.5 9.9 14.9





#23

Vinyl Acetate

Concen: 523.477 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

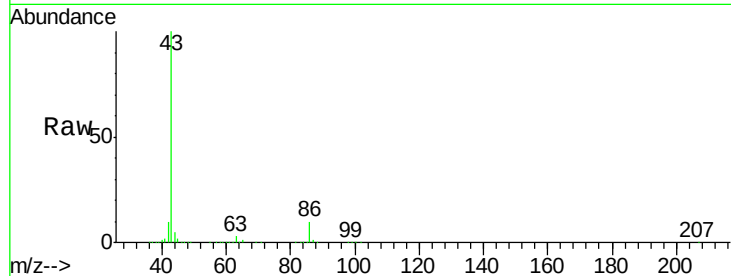
VSTDIC100

Tgt Ion: 43 Resp: 1655974

Ion Ratio Lower Upper

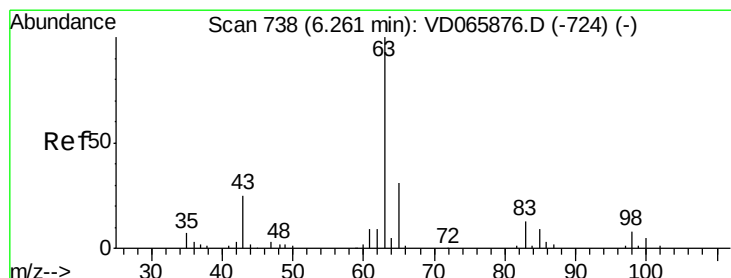
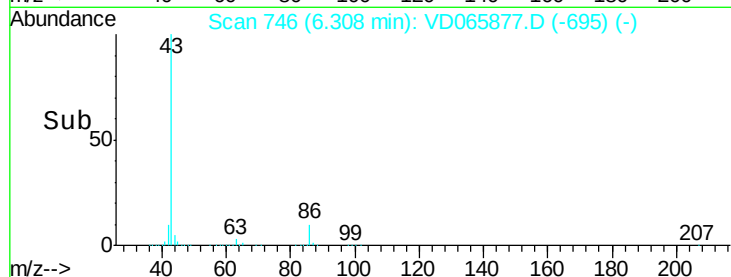
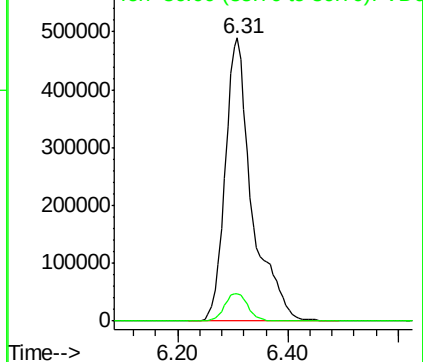
43 100

86 9.9 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 97.838 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

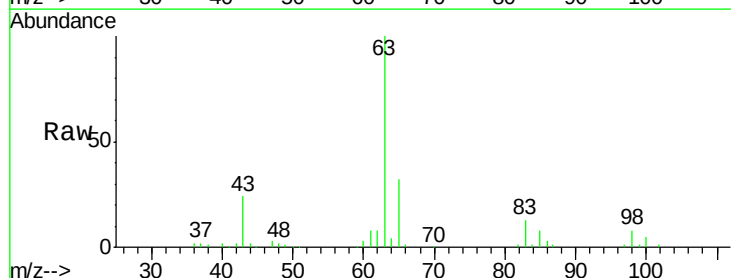
Tgt Ion: 63 Resp: 323042

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

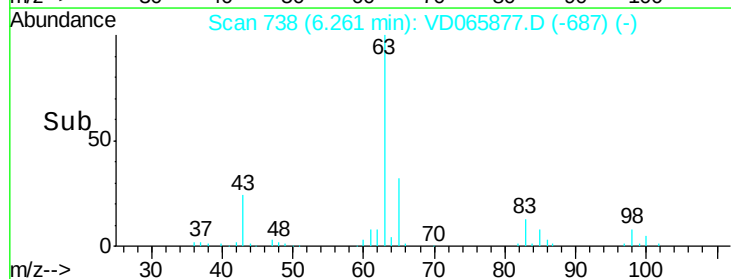
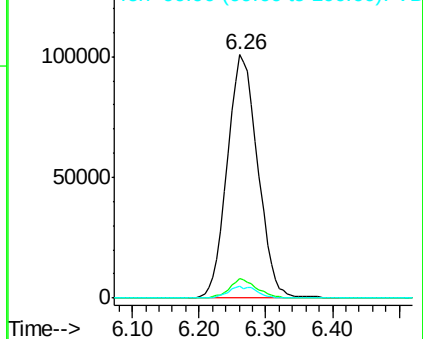
100 4.8 2.4 7.2

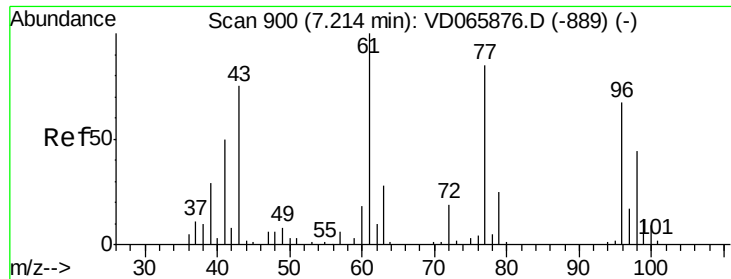


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

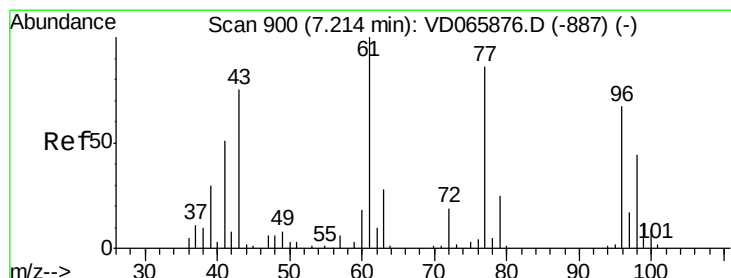
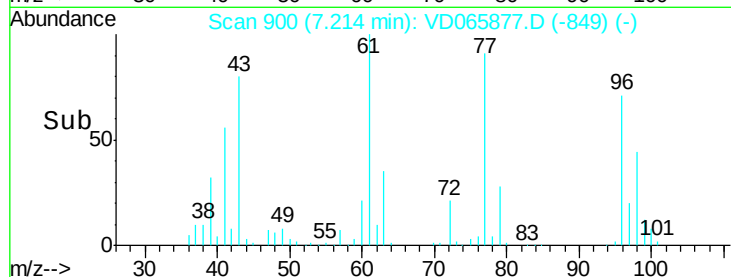
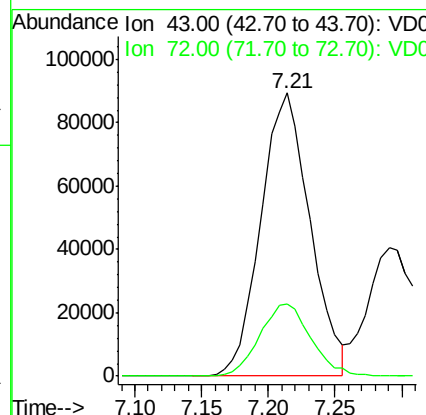
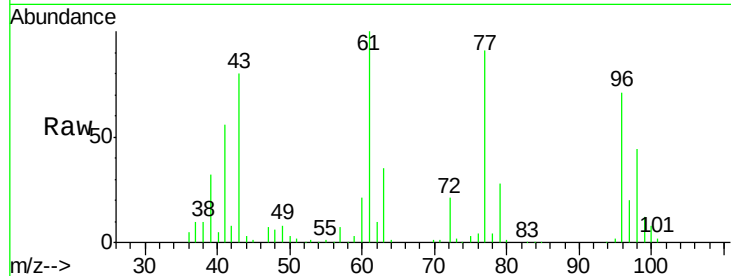




#25
2-Butanone
Concen: 491.570 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

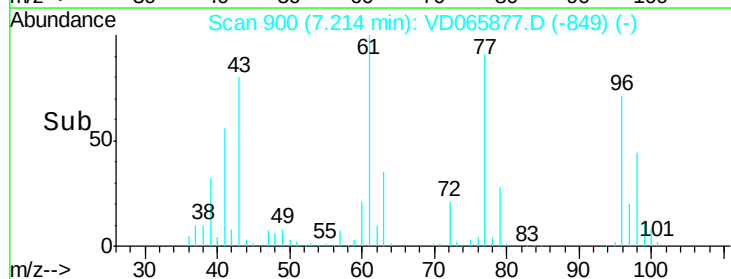
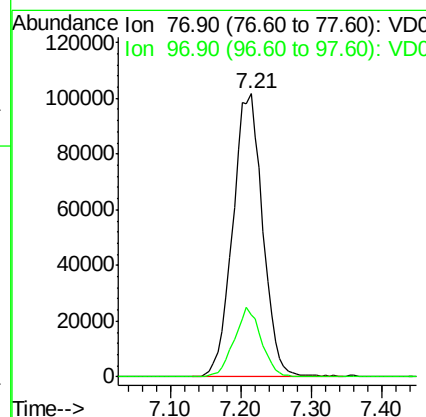
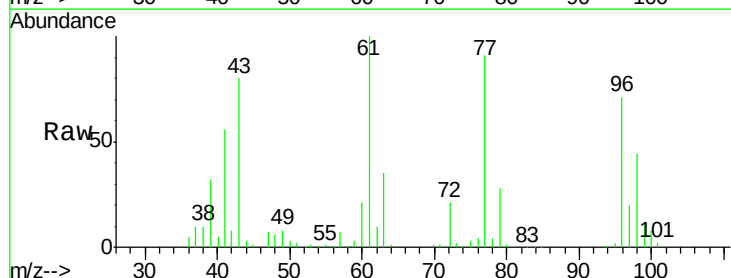
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

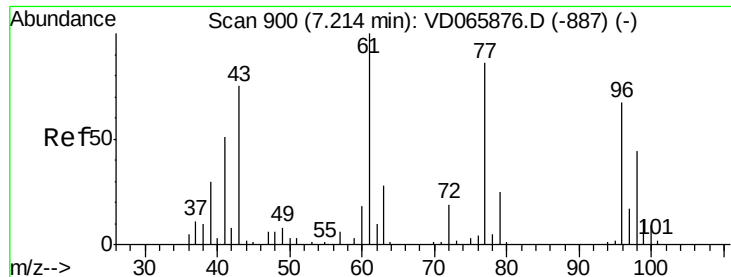
Tgt Ion: 43 Resp: 228494
Ion Ratio Lower Upper
43 100
72 25.7 20.6 31.0



#26
2,2-Dichloropropane
Concen: 99.966 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion: 77 Resp: 299622
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3



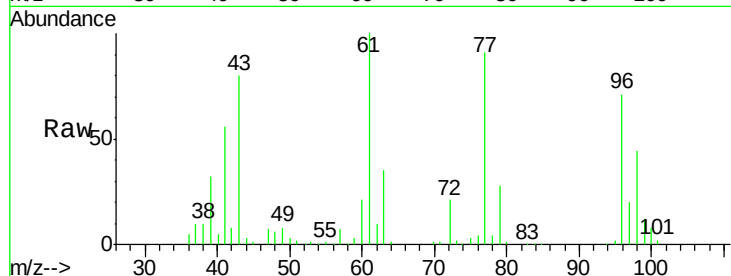


#27

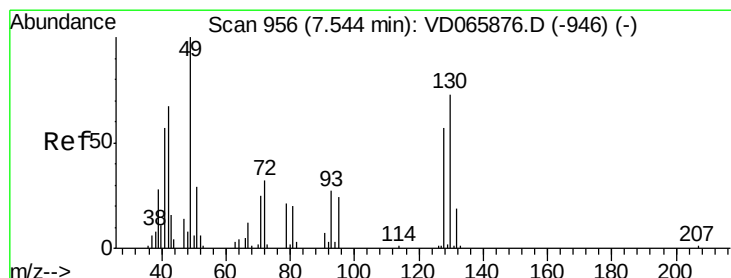
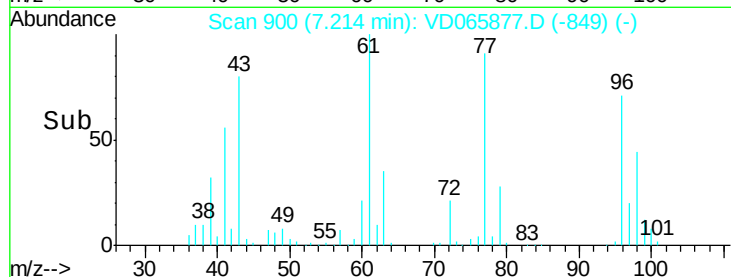
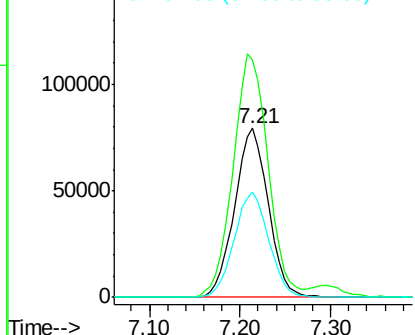
cis-1,2-Dichloroethene
Concen: 99.472 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 204772
Ion Ratio Lower Upper
96 100
61 150.0 0.0 297.8
98 64.1 0.0 129.8



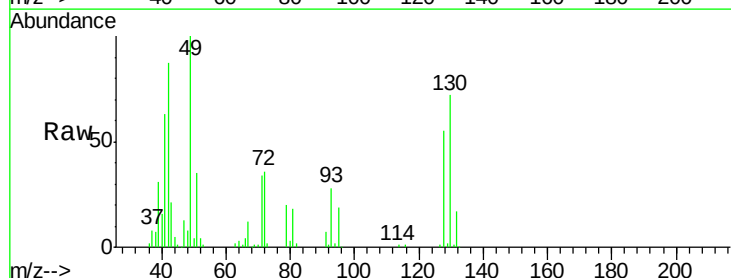
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



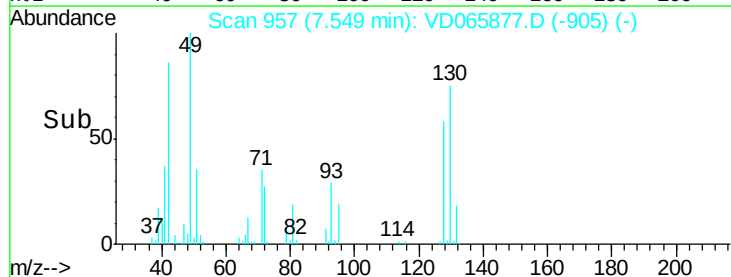
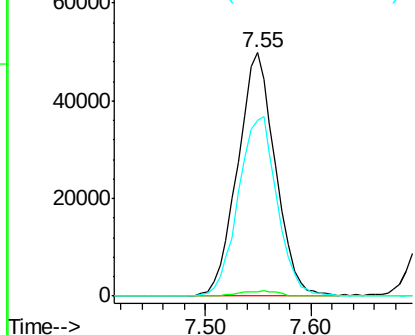
#28

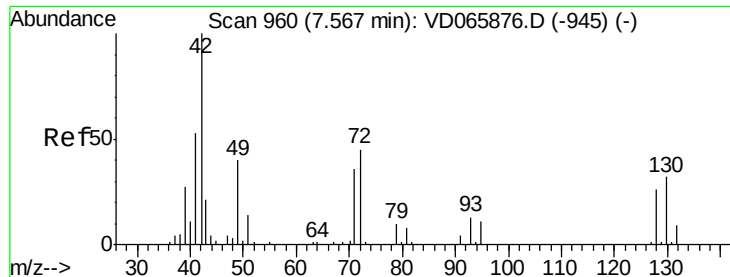
Bromochloromethane
Concen: 101.523 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion: 49 Resp: 123209
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.4
130 75.9 61.0 91.6



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

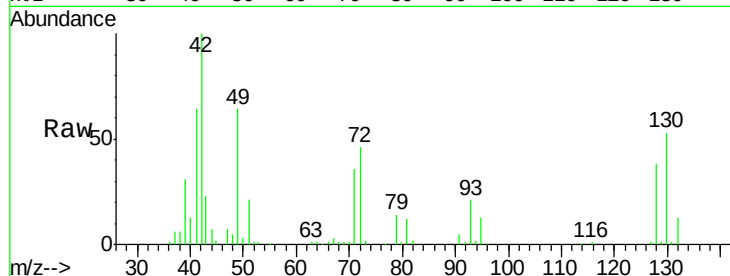




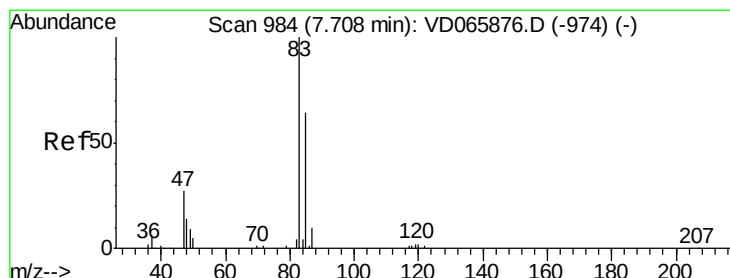
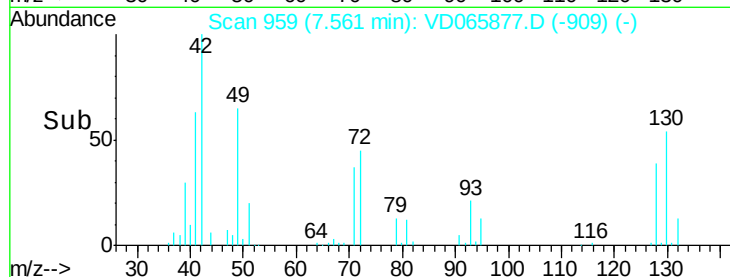
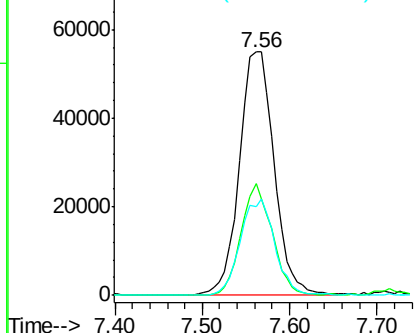
#29
Tetrahydrofuran
Concen: 515.565 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 148460
Ion Ratio Lower Upper
42 100
72 40.9 35.3 52.9
71 39.1 32.6 48.8

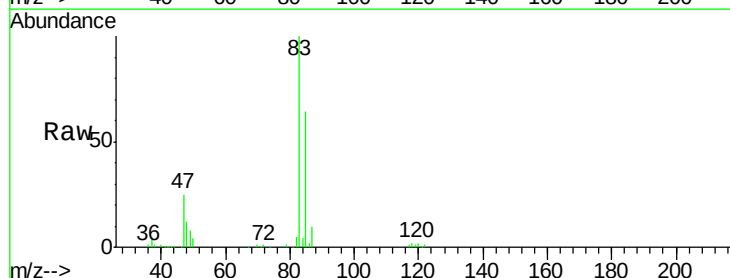


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

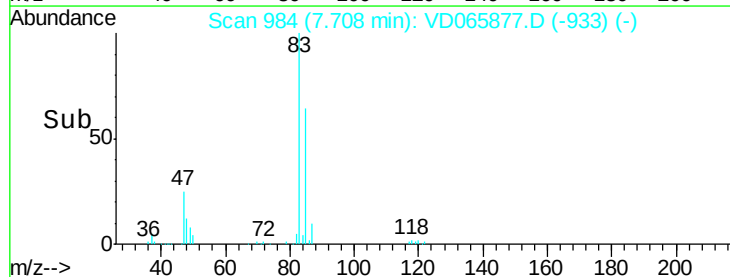
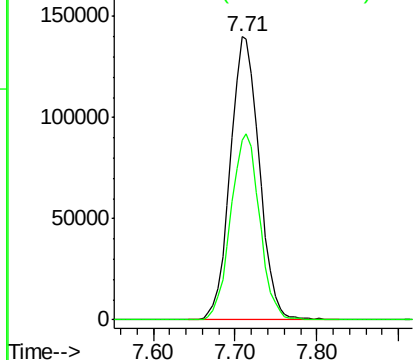


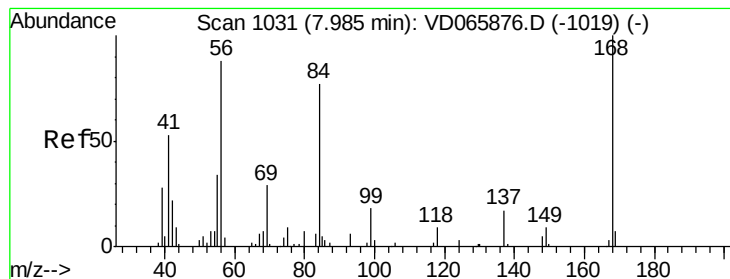
#30
Chloroform
Concen: 99.105 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion: 83 Resp: 345432
Ion Ratio Lower Upper
83 100
85 63.7 51.2 76.8



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





#31

Cyclohexane

Concen: 95.655 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

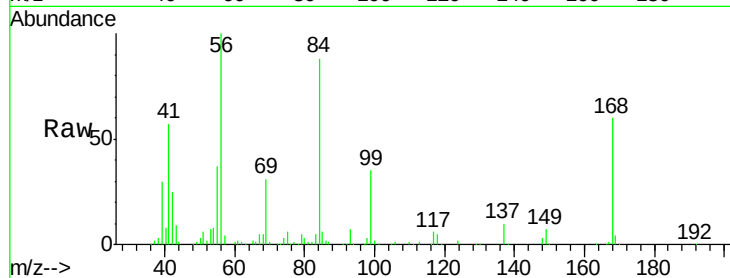
Tgt Ion: 56 Resp: 300749

Ion Ratio Lower Upper

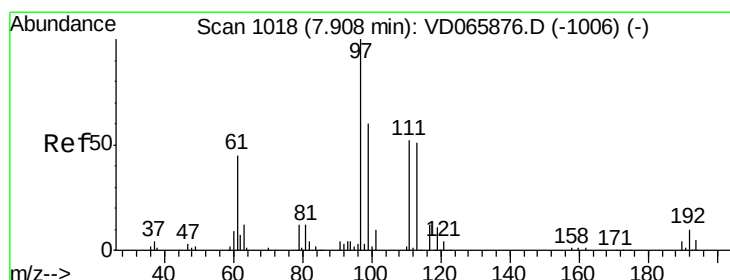
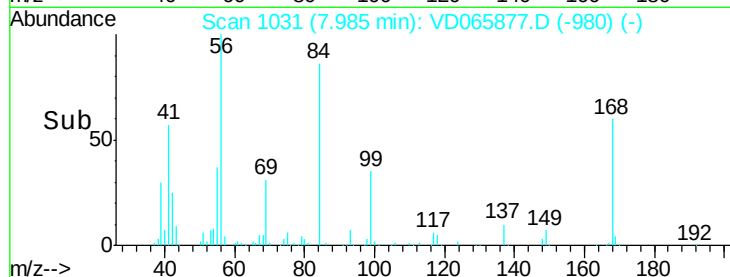
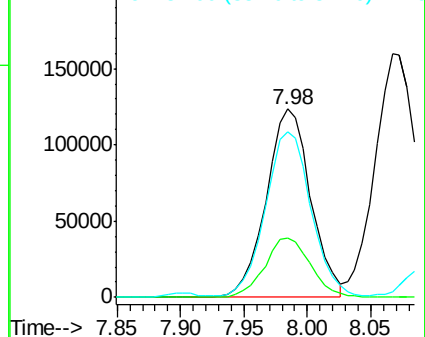
56 100

69 31.5 26.2 39.4

84 85.6 70.3 105.5



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



#32

1,1,1-Trichloroethane

Concen: 99.904 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

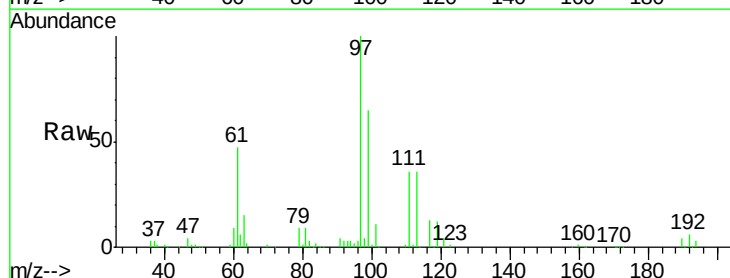
Tgt Ion: 97 Resp: 323392

Ion Ratio Lower Upper

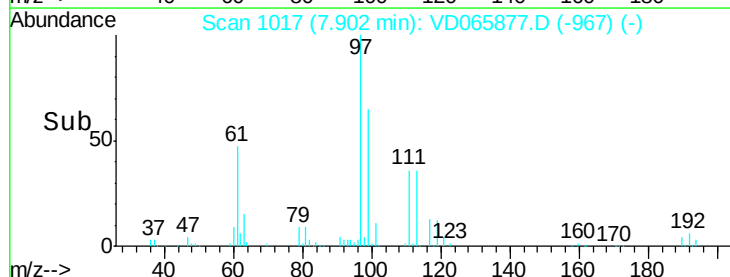
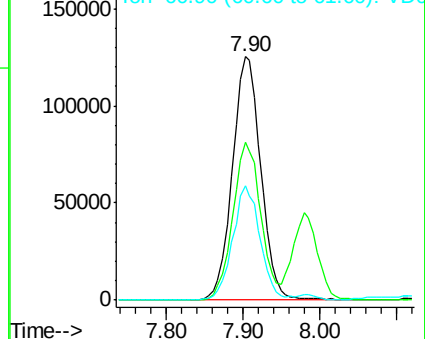
97 100

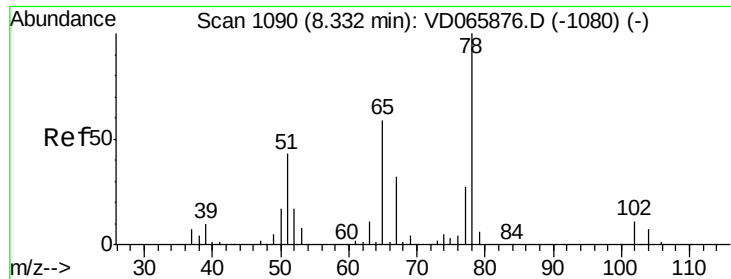
99 64.0 50.2 75.4

61 45.5 36.0 54.0



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

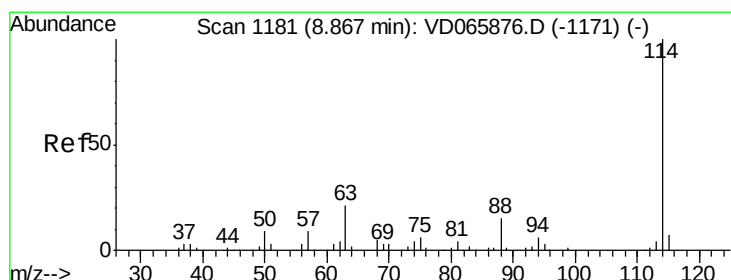
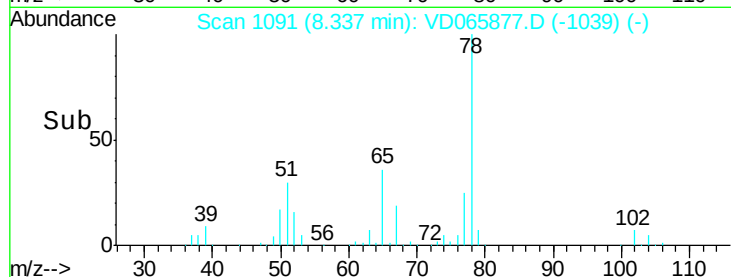
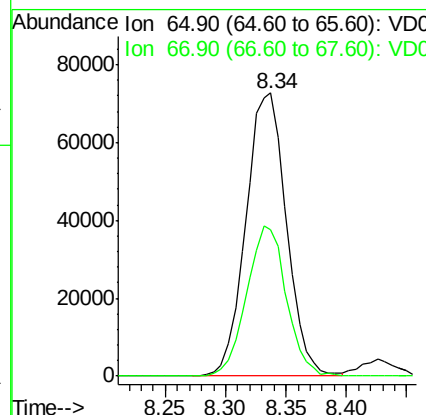
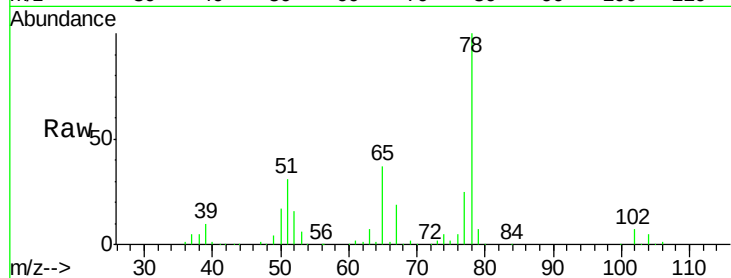




#33
 1,2-Dichloroethane-d4
 Concen: 95.913 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

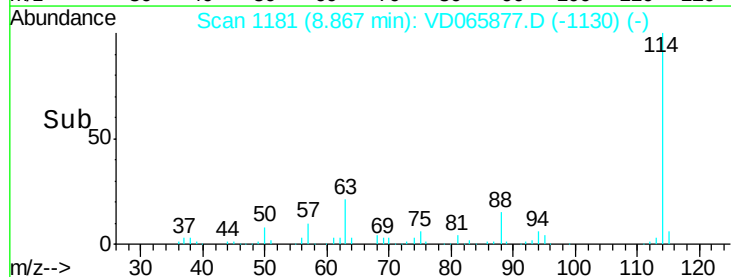
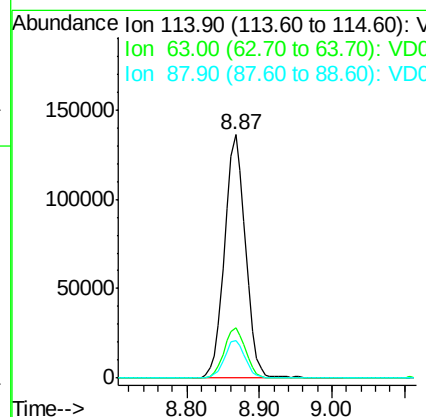
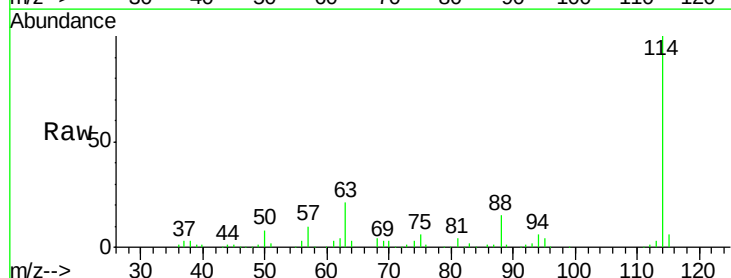
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

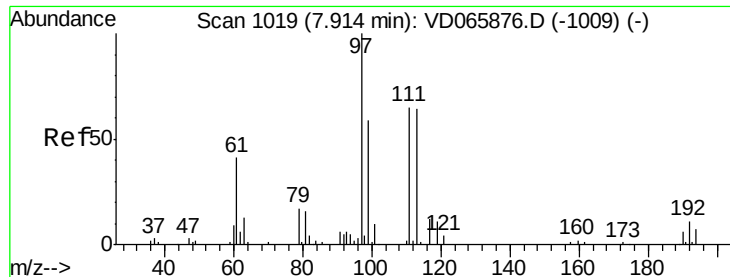
Tgt Ion: 65 Resp: 169890
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion: 114 Resp: 273306
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.6
 88 15.3 0.0 29.0

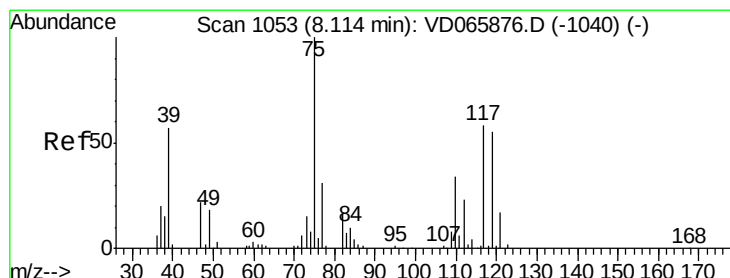
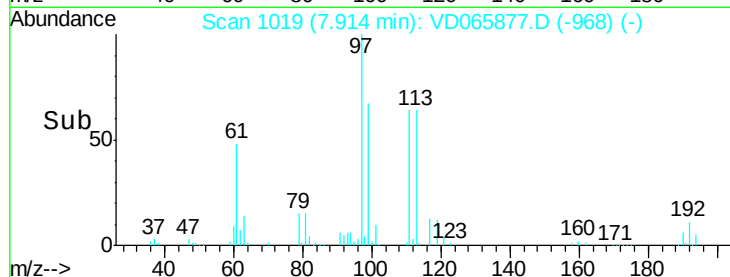
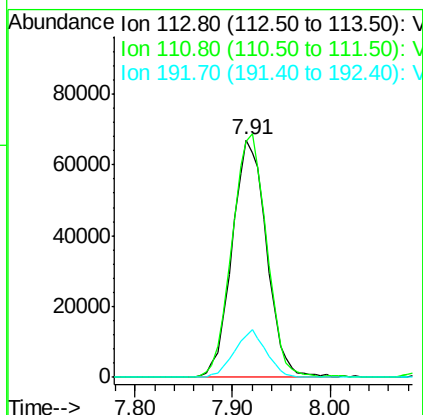
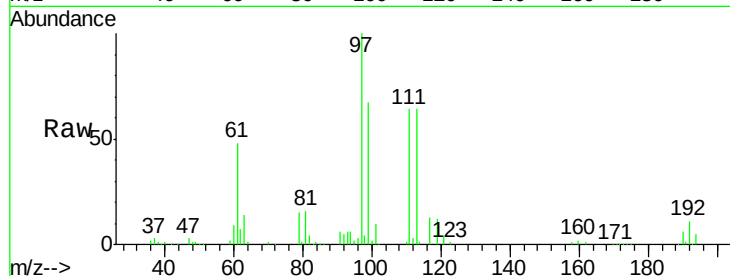




#35
 Dibromofluoromethane
 Concen: 100.144 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

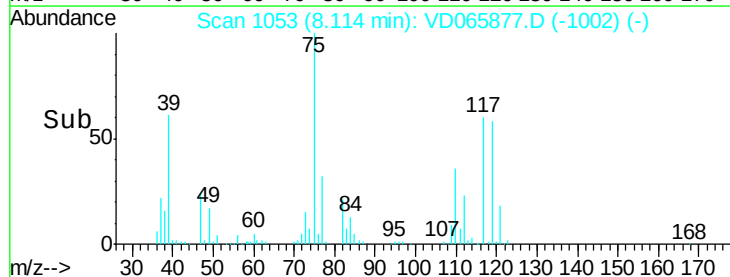
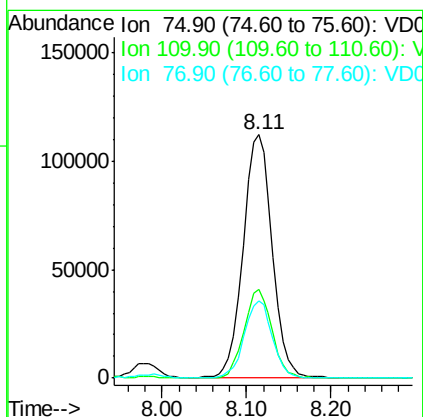
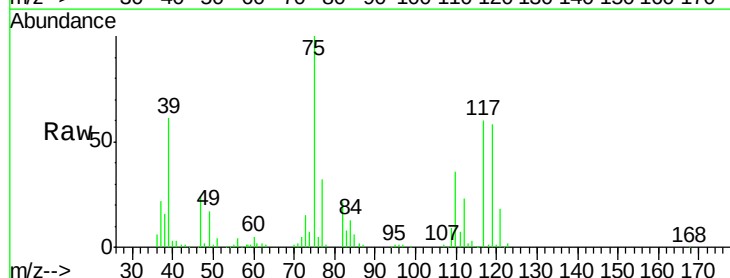
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

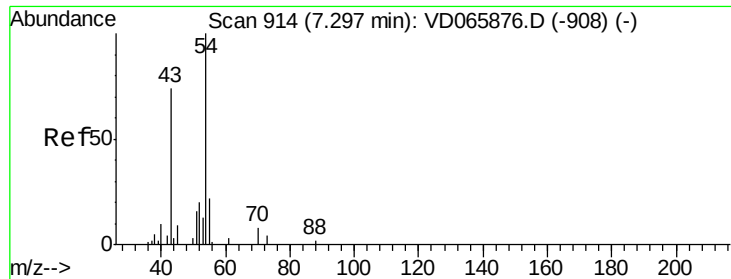
Tgt Ion: 113 Resp: 164205
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.6
 192 18.4 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 99.259 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion: 75 Resp: 267766
 Ion Ratio Lower Upper
 75 100
 110 34.7 16.8 50.4
 77 31.0 24.0 36.0





#37

Ethyl Acetate

Concen: 104.996 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

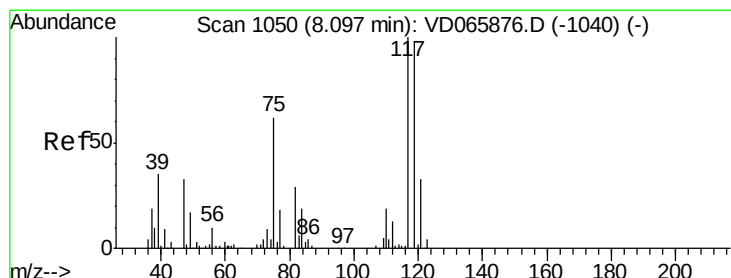
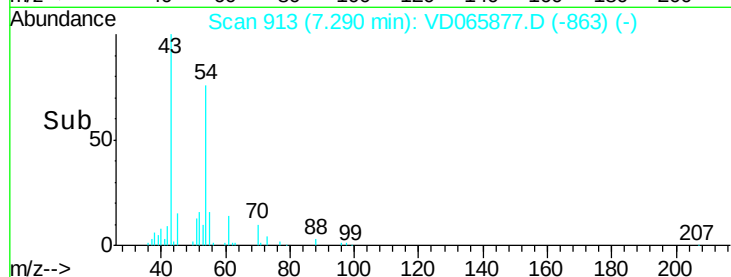
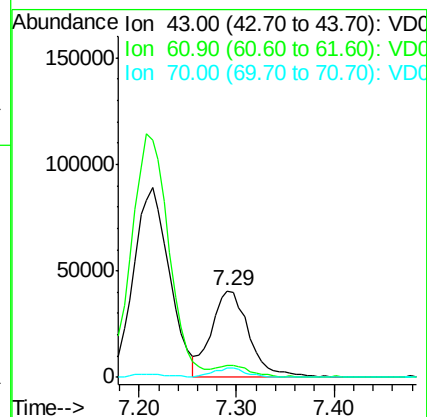
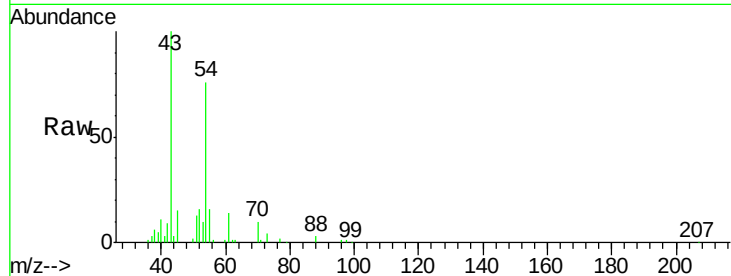
Tgt Ion: 43 Resp: 107940

Ion Ratio Lower Upper

43 100

61 11.8 0.0 0.0#

70 9.4 8.5 12.7



#38

Carbon Tetrachloride

Concen: 101.227 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

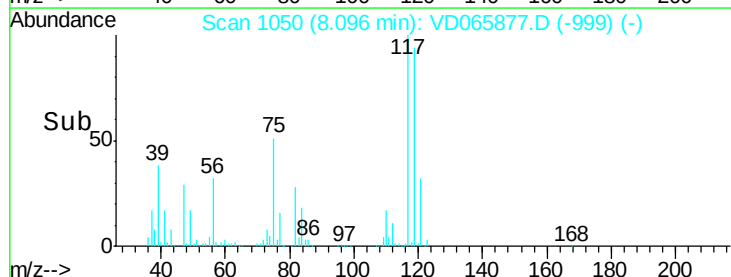
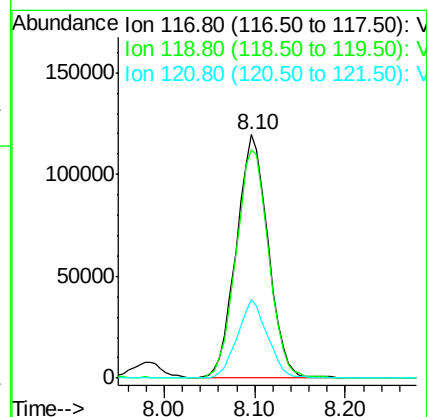
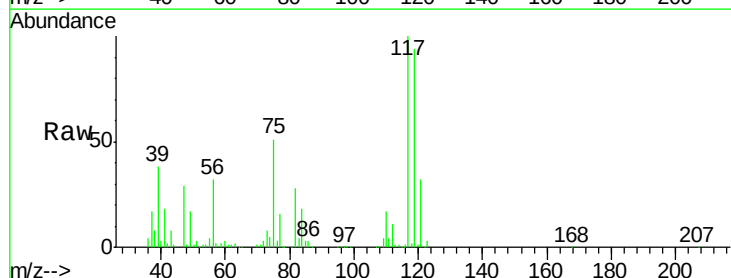
Tgt Ion: 117 Resp: 290728

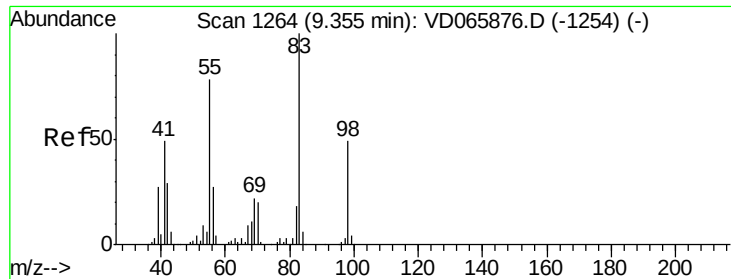
Ion Ratio Lower Upper

117 100

119 94.1 78.6 117.8

121 32.4 26.5 39.7

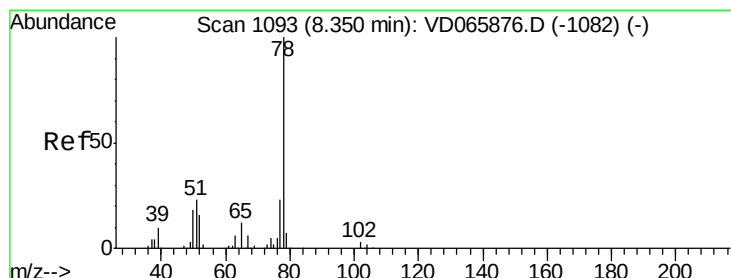
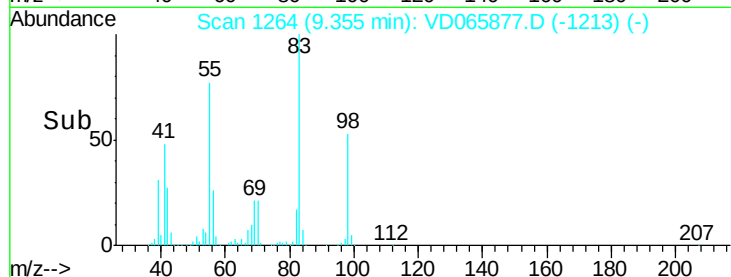
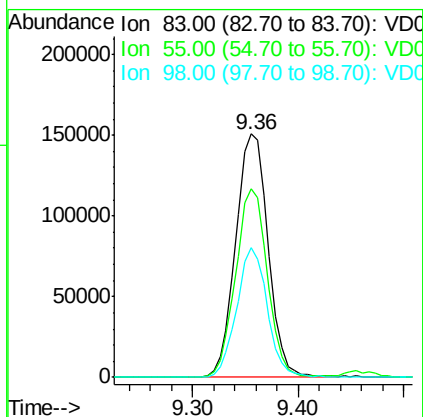
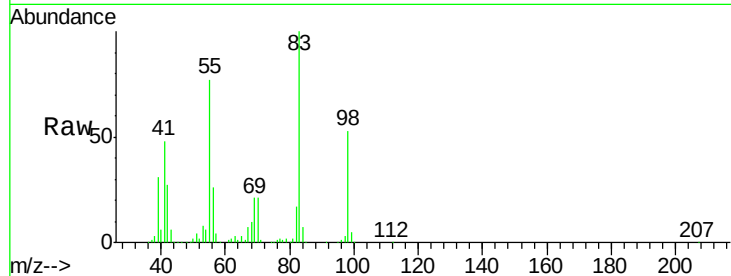




#39
Methylcyclohexane
Concen: 102.119 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

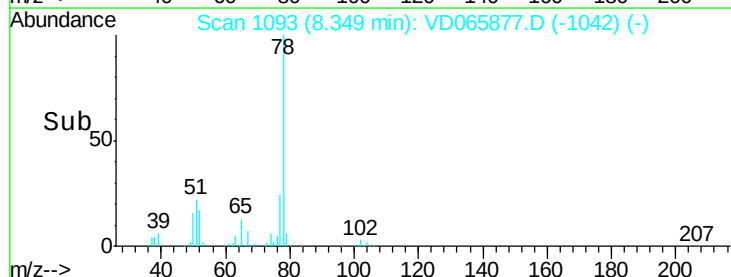
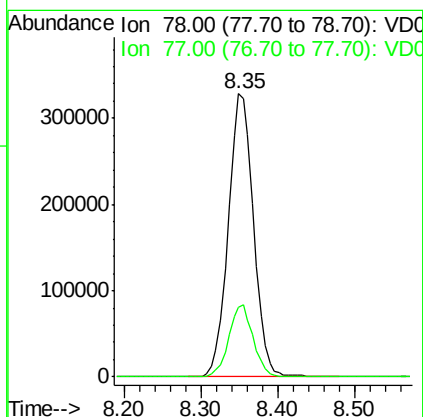
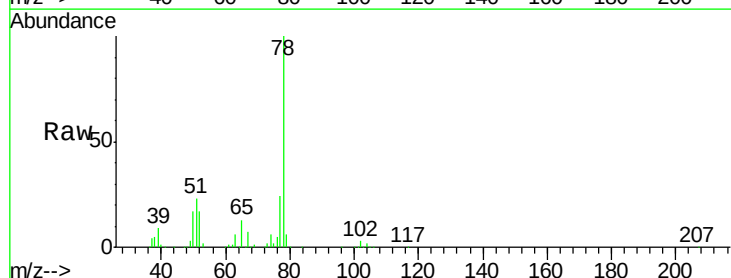
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

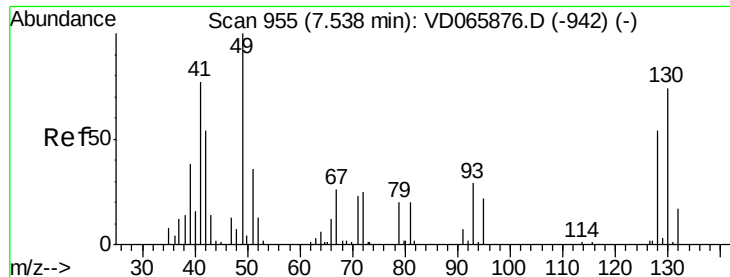
Tgt Ion: 83 Resp: 321493
Ion Ratio Lower Upper
83 100
55 77.3 62.2 93.4
98 53.1 39.6 59.4



#40
Benzene
Concen: 101.079 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion: 78 Resp: 751269
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2

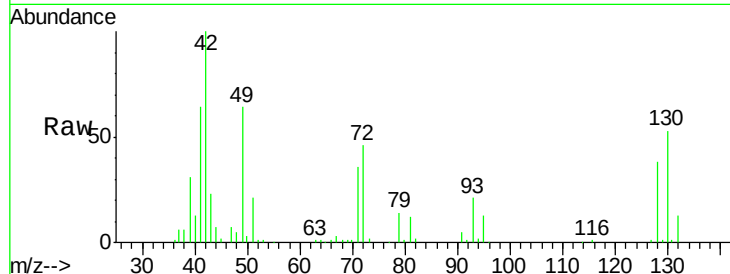




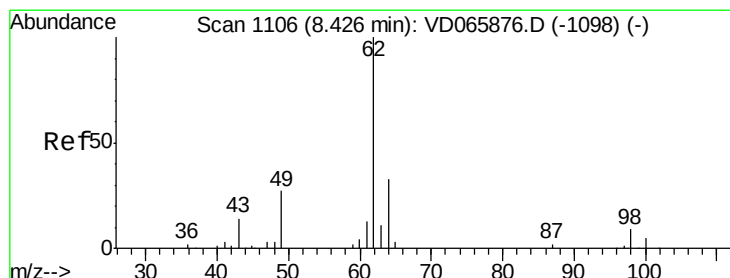
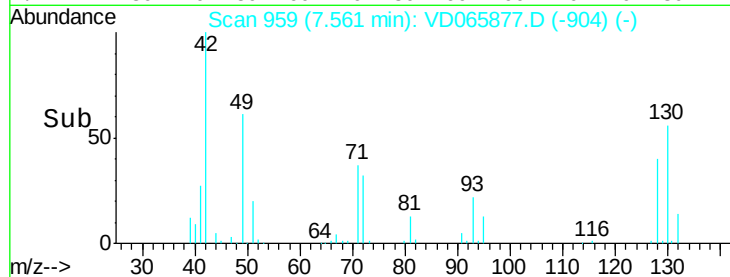
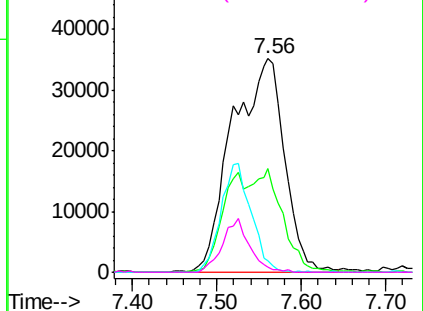
#41
Methacrylonitrile
Concen: 235.429 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.02 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	150331
Ion	Ratio	Lower	Upper
41	100		
39	0.0	82.7	124.1#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

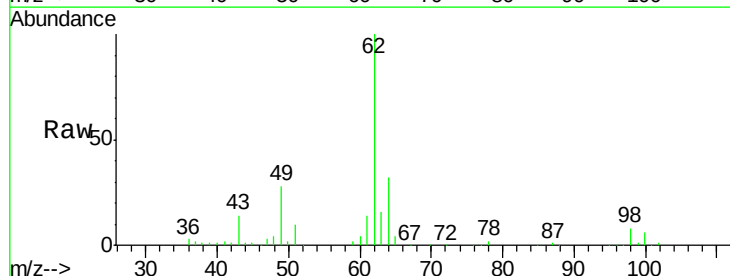


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

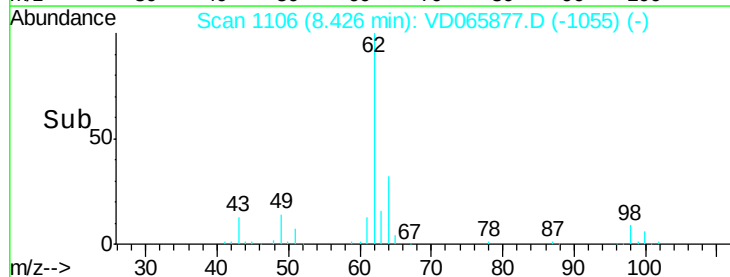
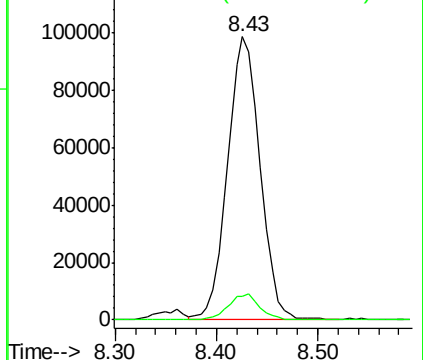


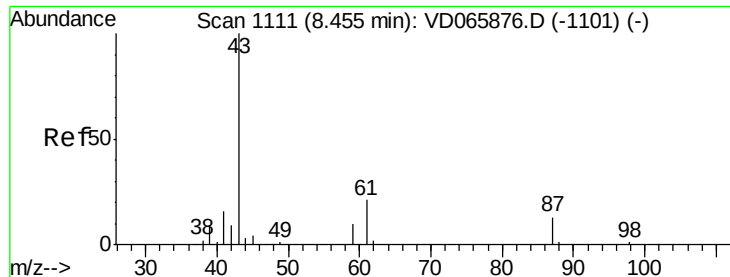
#42
1,2-Dichloroethane
Concen: 100.312 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion:	62	Resp:	217975
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 103.246 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

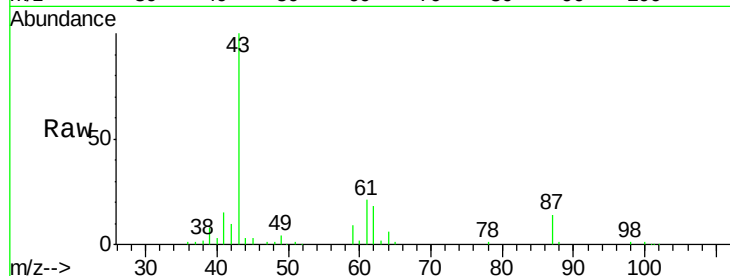
Tgt Ion: 43 Resp: 205565

Ion Ratio Lower Upper

43 100

61 30.3 25.2 37.8

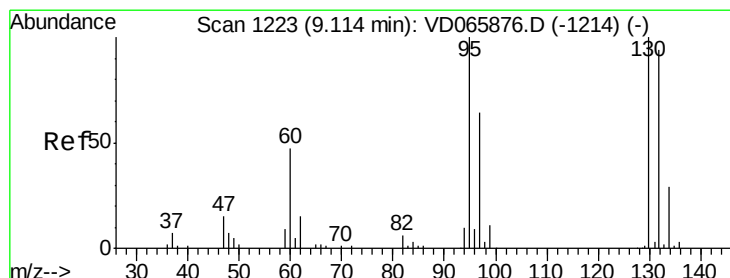
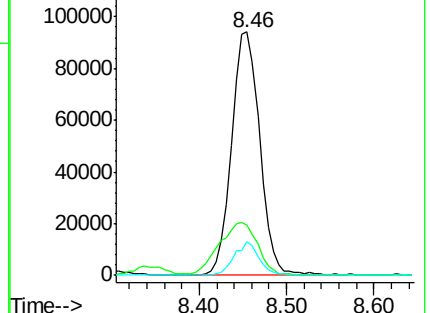
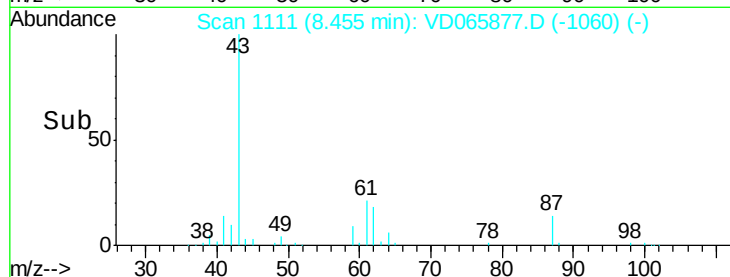
87 12.1 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 100.749 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065877.D

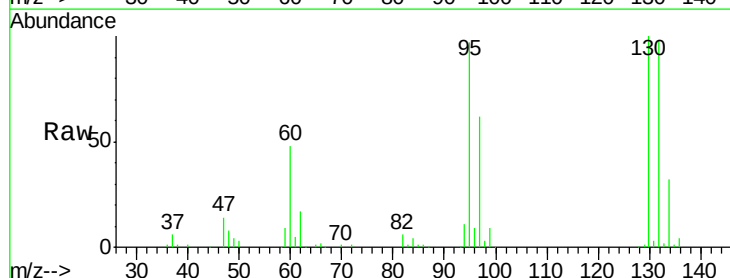
Acq: 26 Jun 2020 12:32

Tgt Ion: 130 Resp: 199333

Ion Ratio Lower Upper

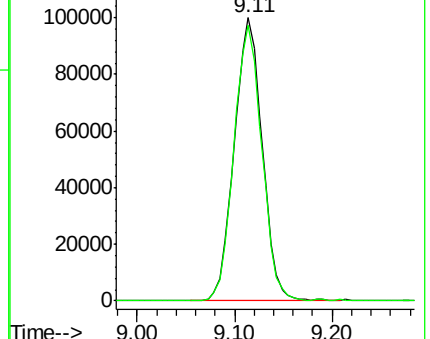
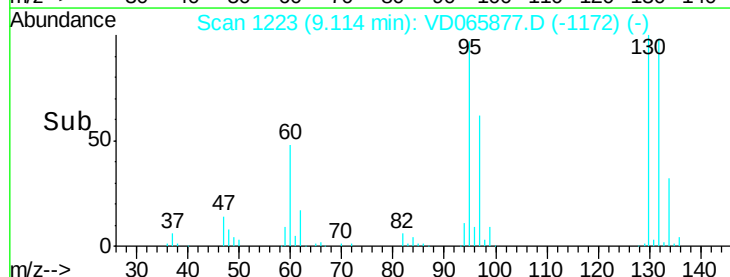
130 100

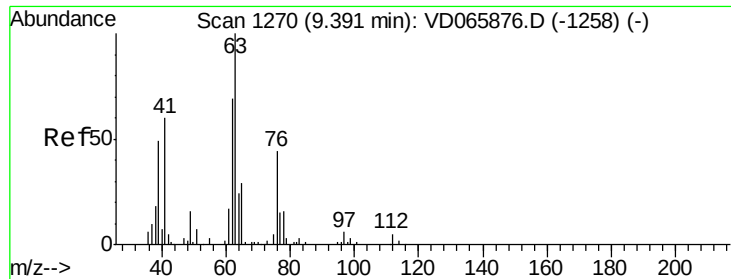
95 97.5 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

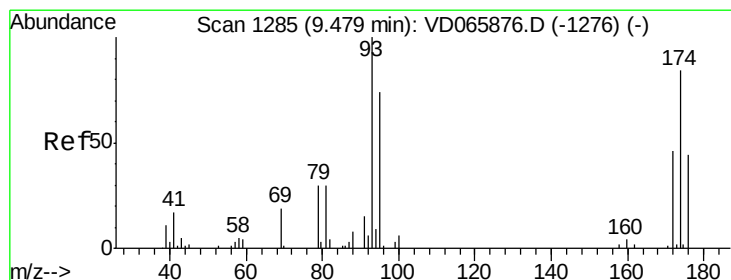
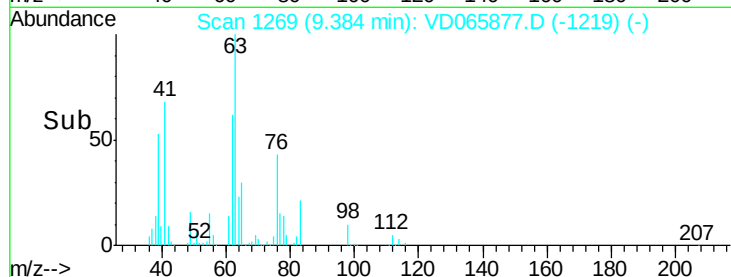
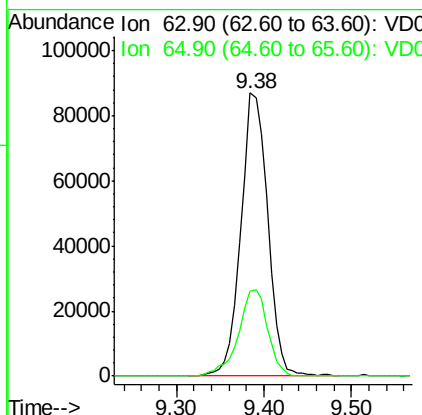
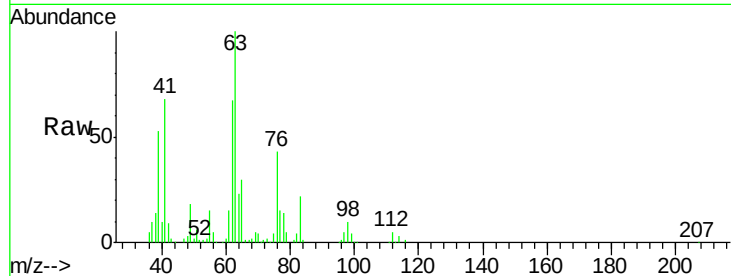




#45
 1,2-Dichloropropane
 Concen: 100.288 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

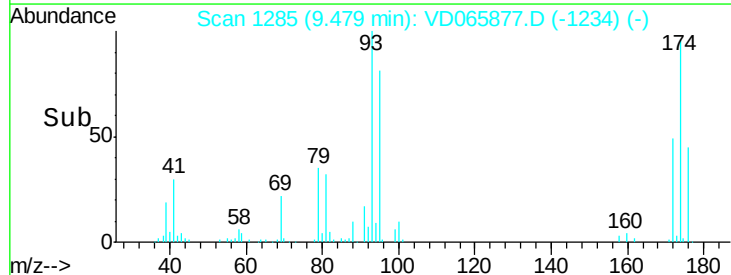
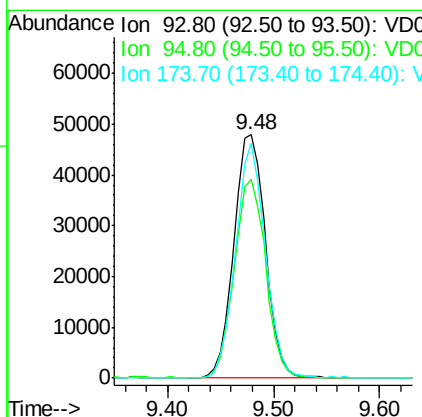
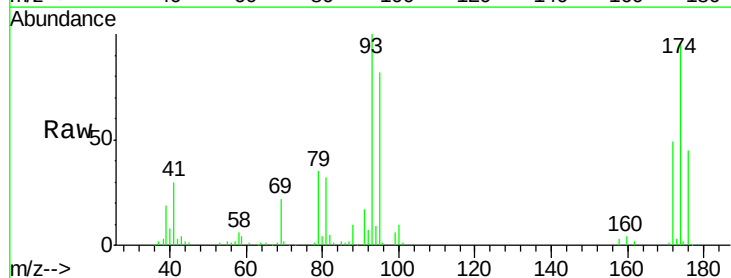
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

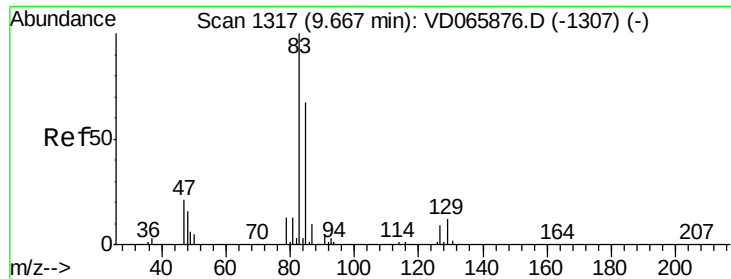
Tgt Ion: 63 Resp: 179857
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.4 35.0



#46
 Dibromomethane
 Concen: 102.629 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion: 93 Resp: 99162
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.4 98.0
 174 91.3 75.2 112.8

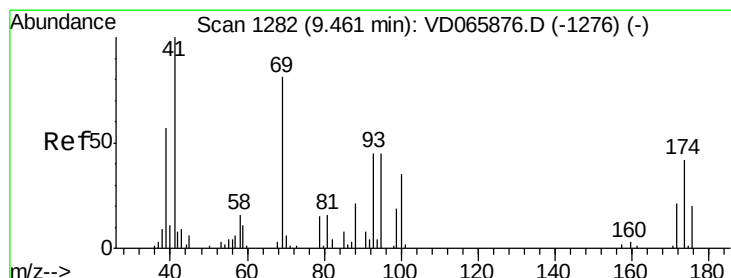
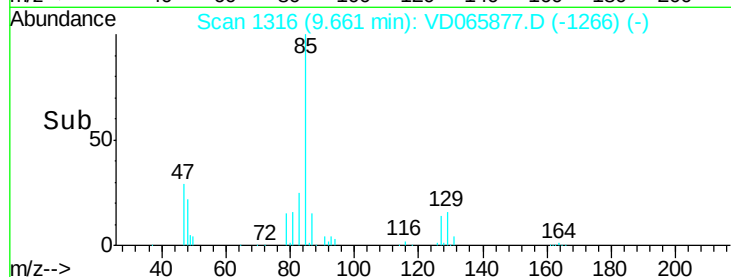
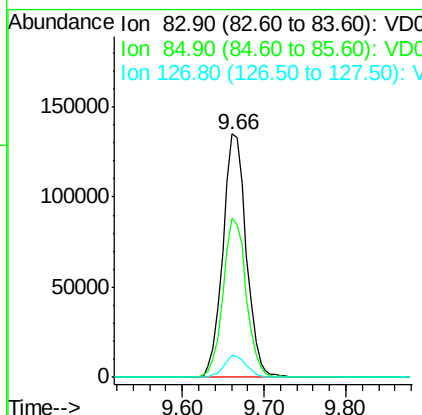
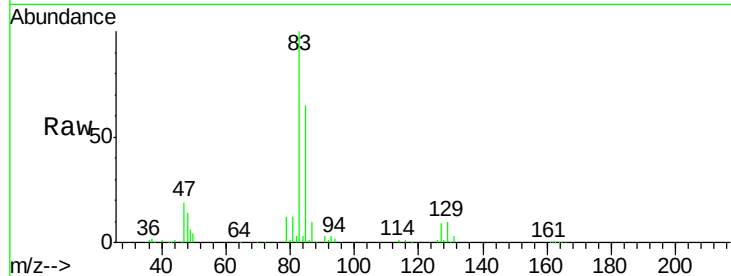




#47
Bromodichloromethane
Concen: 102.545 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

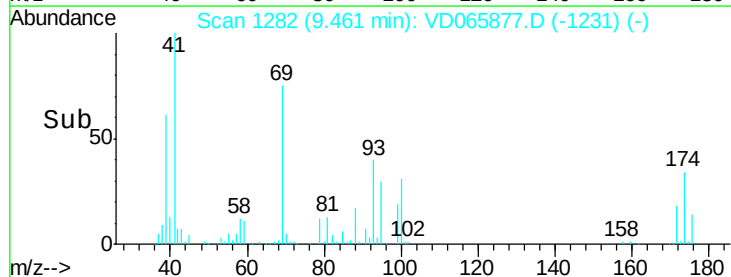
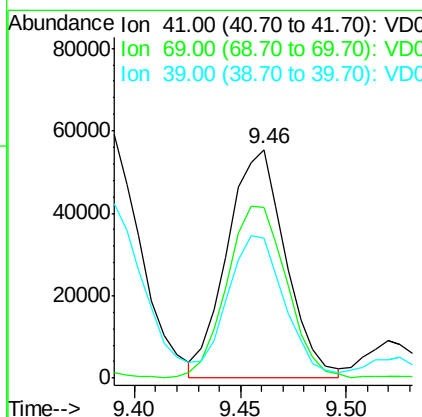
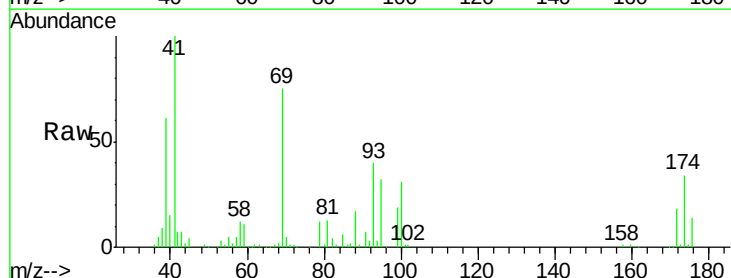
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

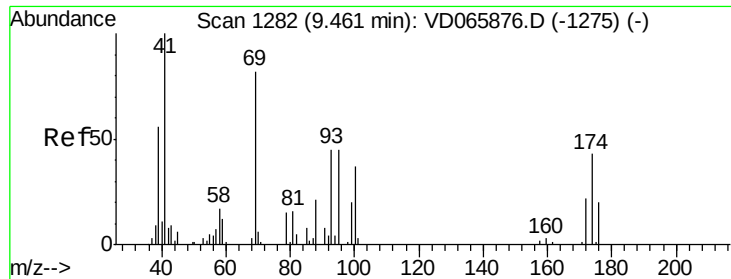
Tgt Ion: 83 Resp: 269793
Ion Ratio Lower Upper
83 100
85 65.3 53.9 80.9
127 9.3 7.0 10.4



#48
Methyl methacrylate
Concen: 108.837 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion: 41 Resp: 105892
Ion Ratio Lower Upper
41 100
69 76.2 68.3 102.5
39 56.8 54.1 81.1

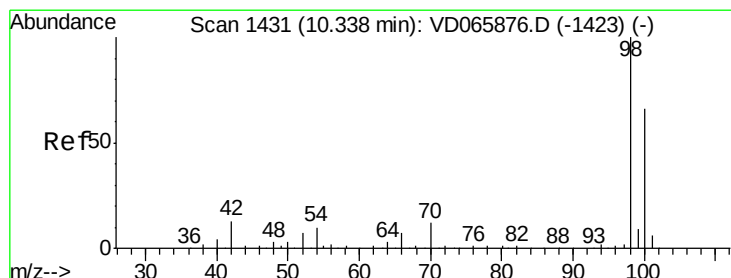
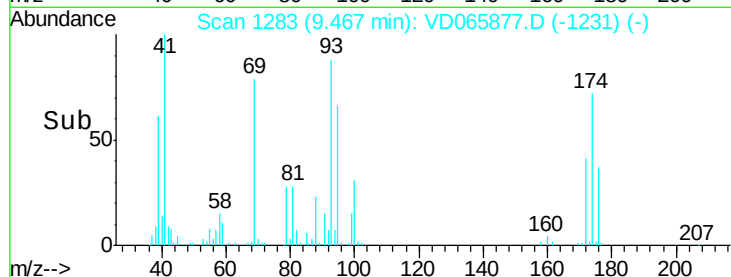
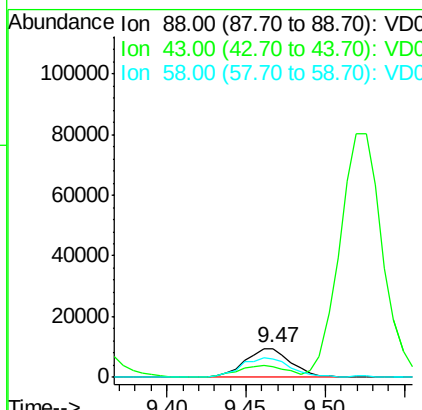
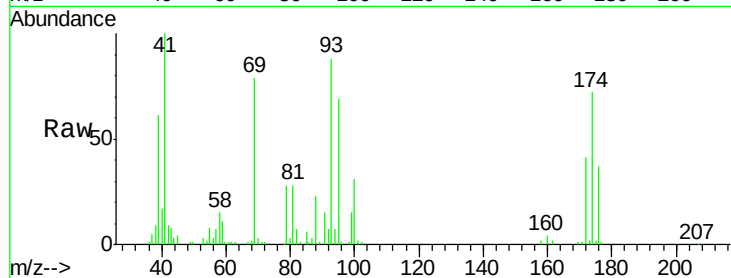




#49
1,4-Dioxane
Concen: 1791.856 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

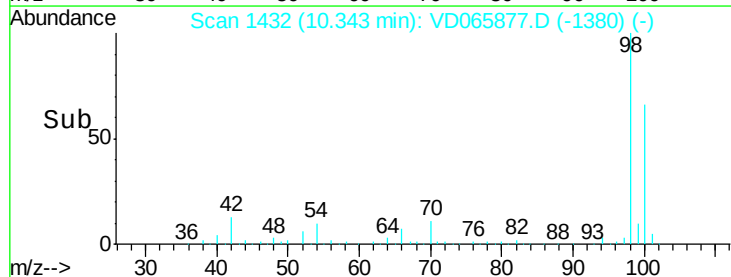
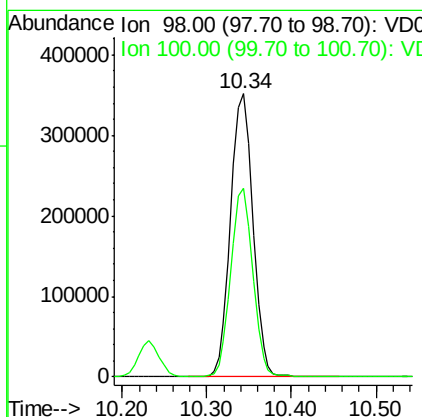
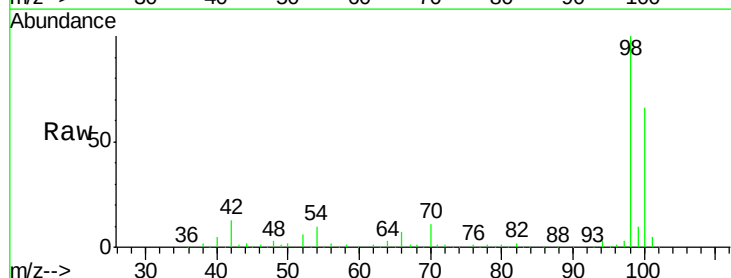
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

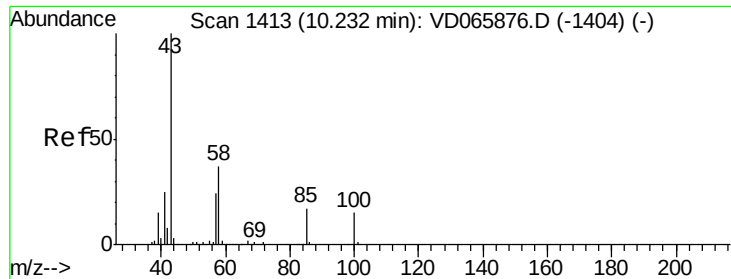
Tgt Ion: 88 Resp: 19263
Ion Ratio Lower Upper
88 100
43 43.7 35.8 53.8
58 72.9 58.6 87.8



#50
Toluene-d8
Concen: 100.750 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion: 98 Resp: 641755
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

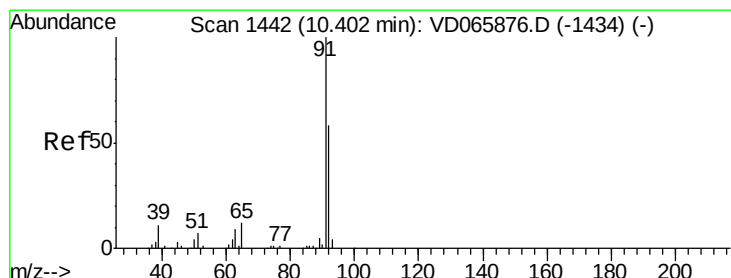
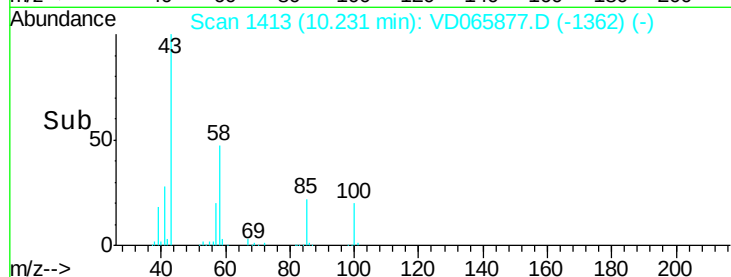
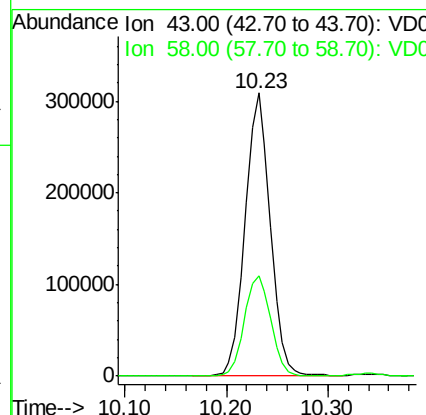
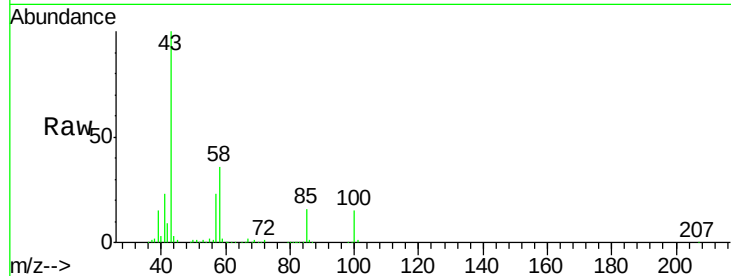




#51
 4-Methyl-2-Pentanone
 Concen: 528.705 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

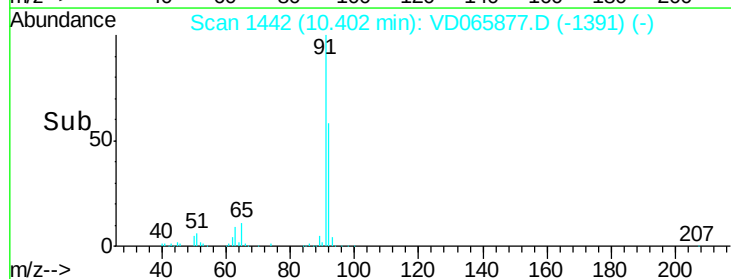
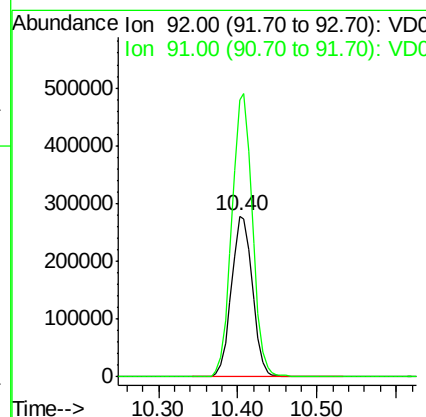
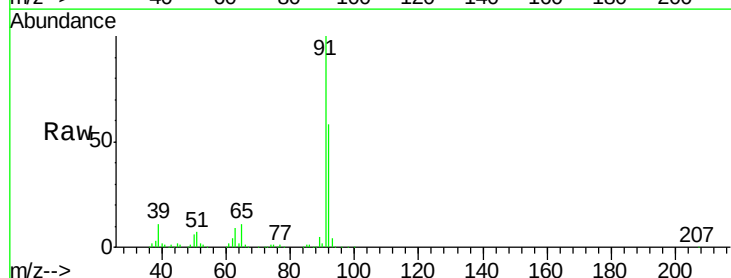
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

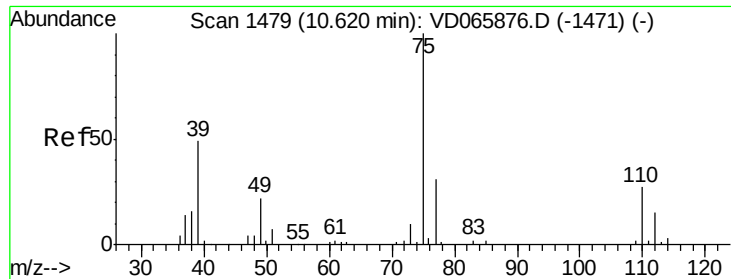
Tgt Ion: 43 Resp: 531350
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.5 44.3



#52
 Toluene
 Concen: 106.694 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion: 92 Resp: 508988
 Ion Ratio Lower Upper
 92 100
 91 173.2 140.8 211.2

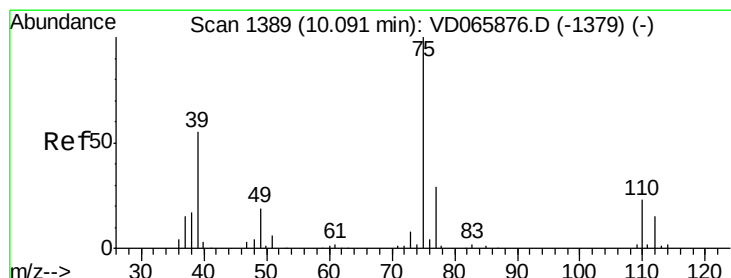
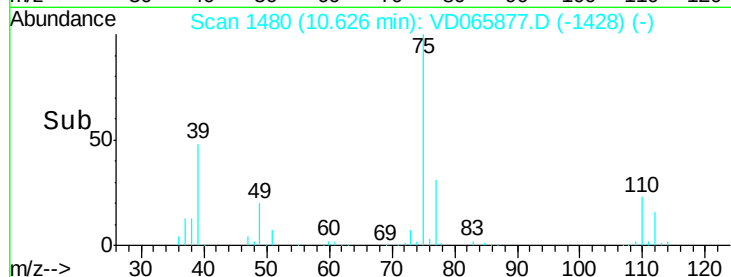
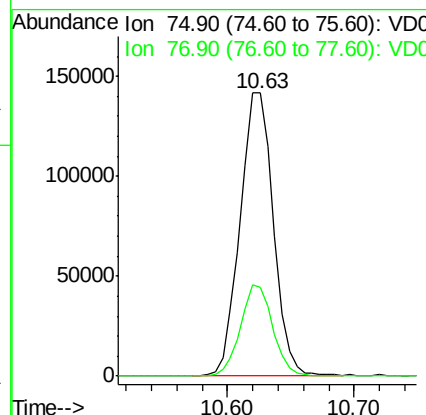
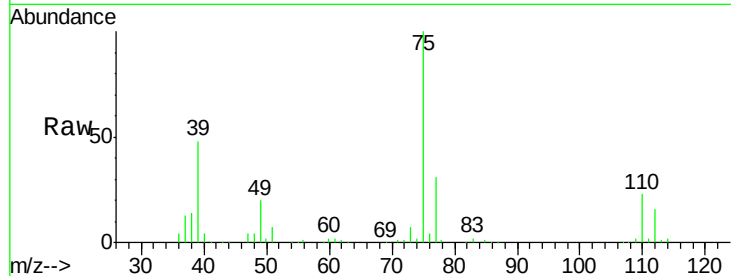




#53
 t-1,3-Dichloropropene
 Concen: 106.501 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

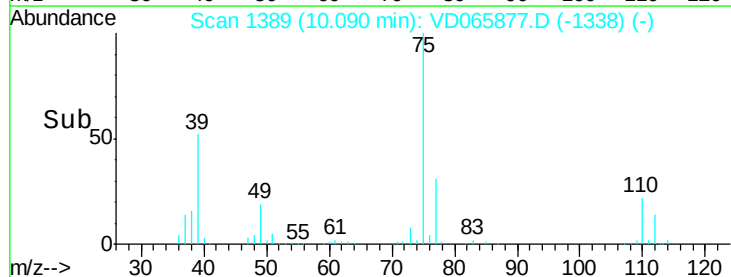
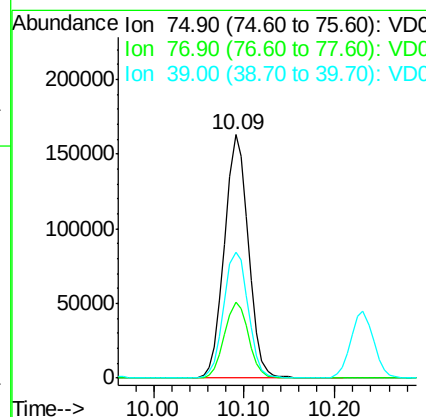
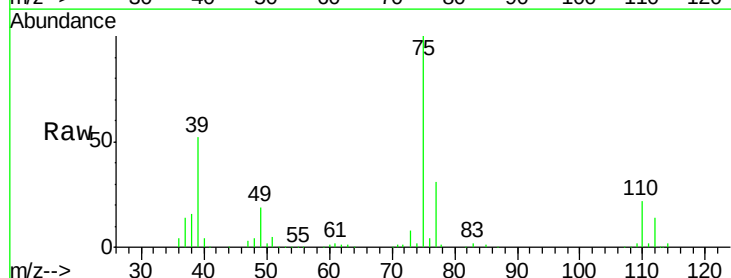
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

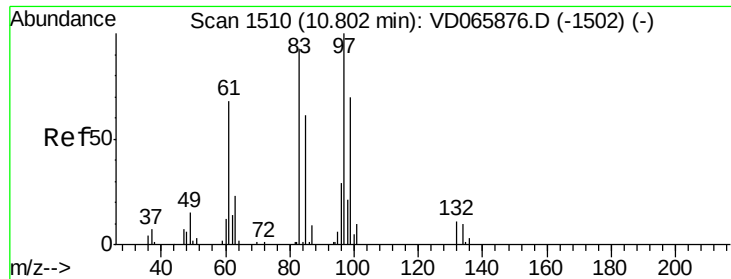
Tgt Ion: 75 Resp: 258615
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 102.738 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion: 75 Resp: 298505
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.4 35.0
 39 51.8 43.9 65.9



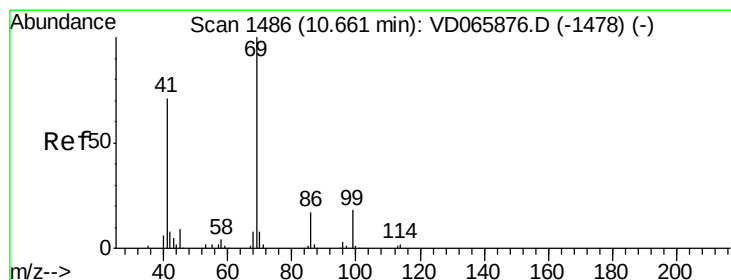
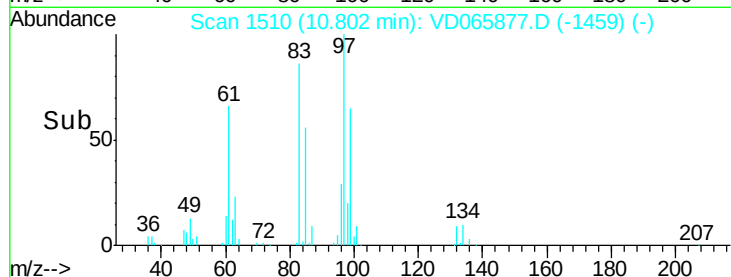
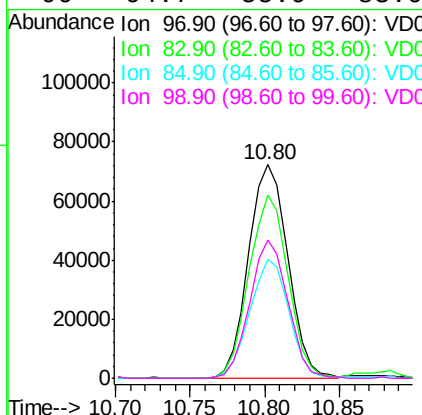
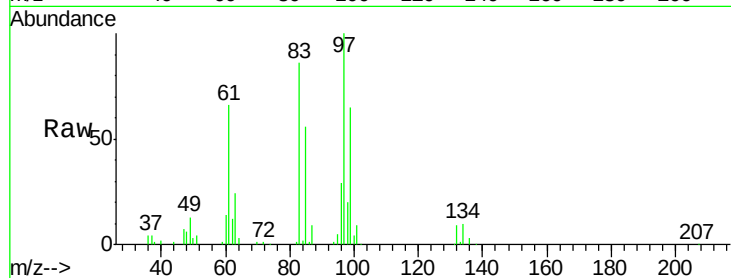


#55
 1,1,2-Trichloroethane
 Concen: 102.116 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 132377

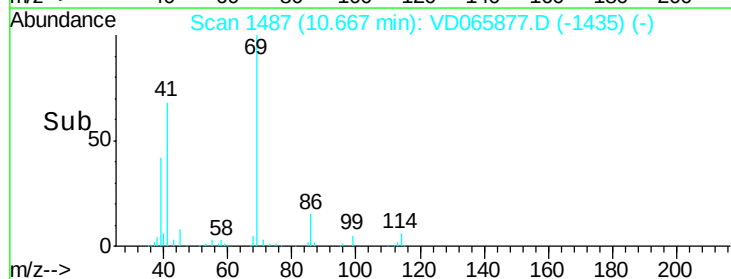
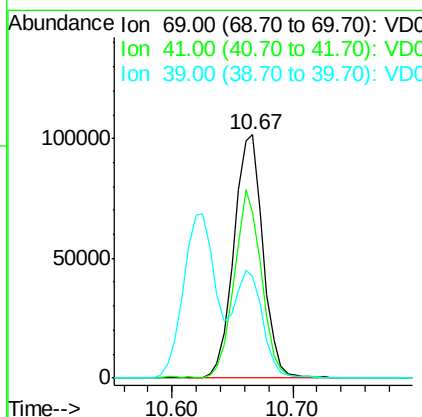
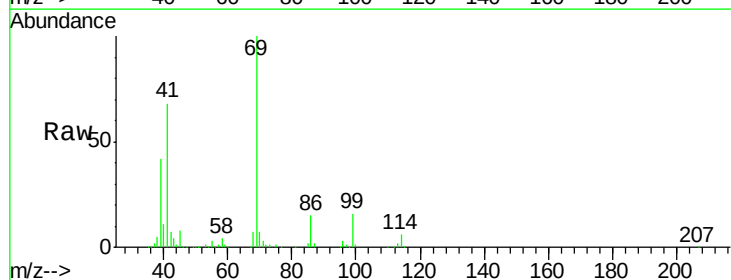
Ion	Ratio	Lower	Upper
97	100		
83	86.0	74.2	111.4
85	55.9	48.8	73.2
99	64.7	55.9	83.9

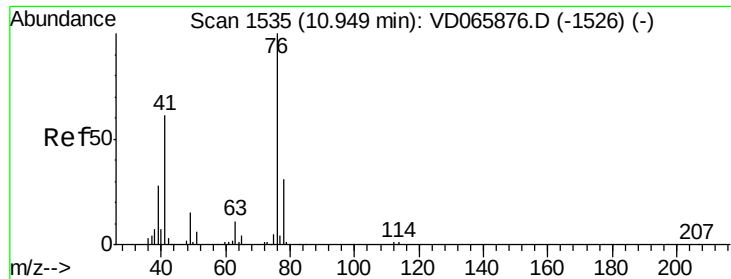


#56
 Ethyl methacrylate
 Concen: 106.171 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion: 69 Resp: 170541

Ion	Ratio	Lower	Upper
69	100		
41	71.9	55.4	83.2
39	43.6	33.0	49.4

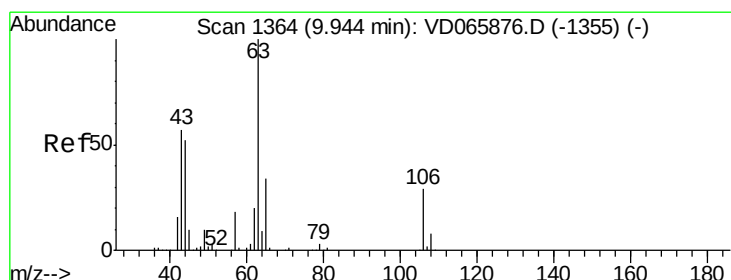
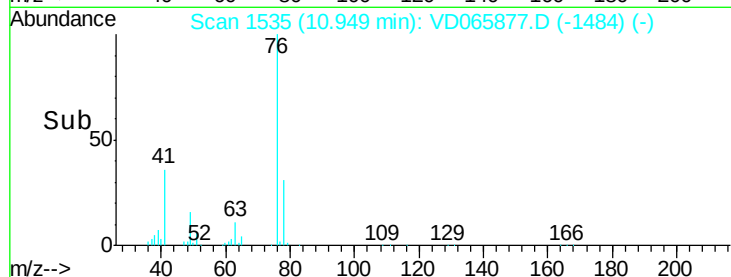
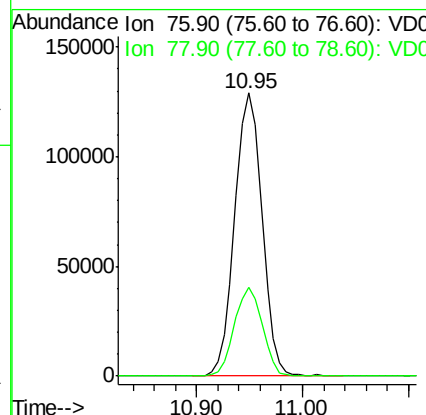
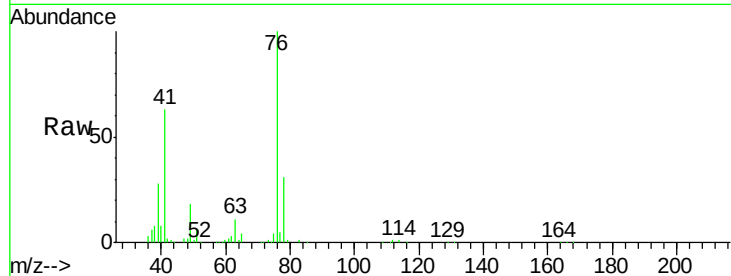




#57
 1,3-Dichloropropane
 Concen: 100.800 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

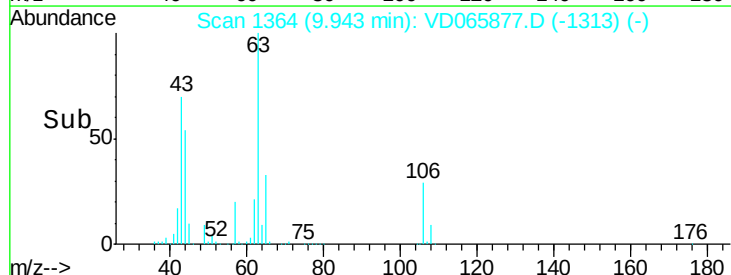
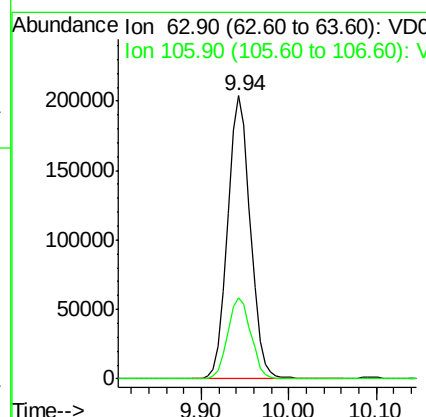
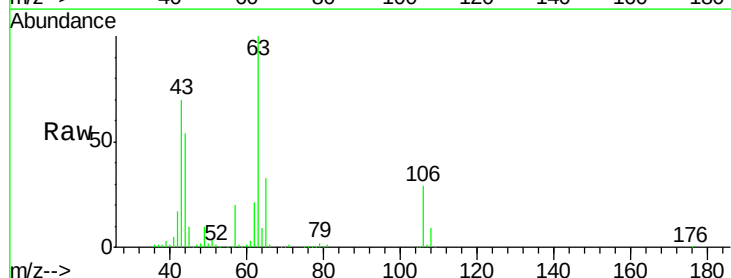
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

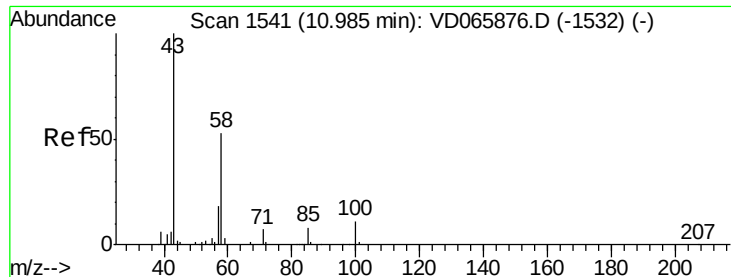
Tgt Ion: 76 Resp: 231702
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.1 37.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 513.637 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion: 63 Resp: 361139
 Ion Ratio Lower Upper
 63 100
 106 29.3 22.6 34.0

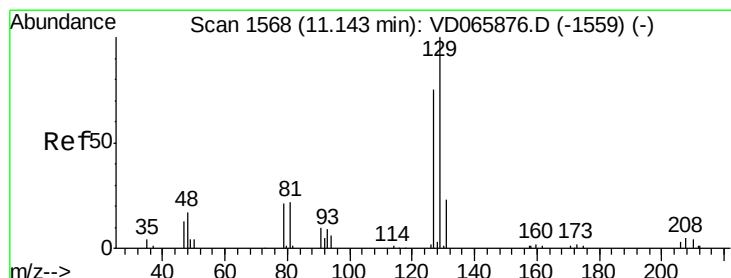
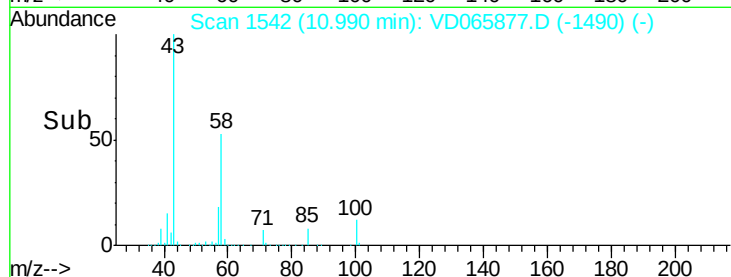
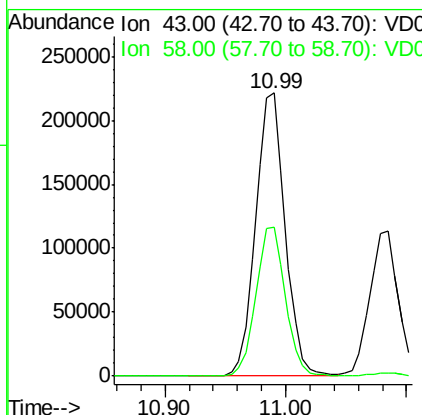
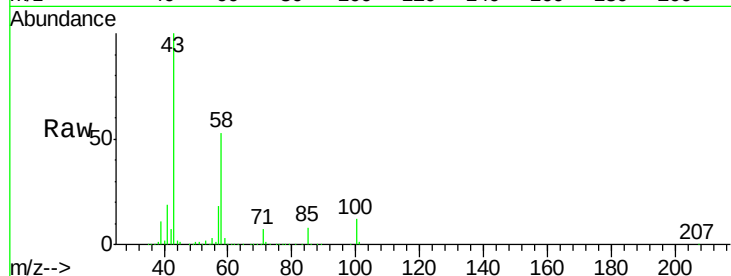




#59
2-Hexanone
Concen: 527.666 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

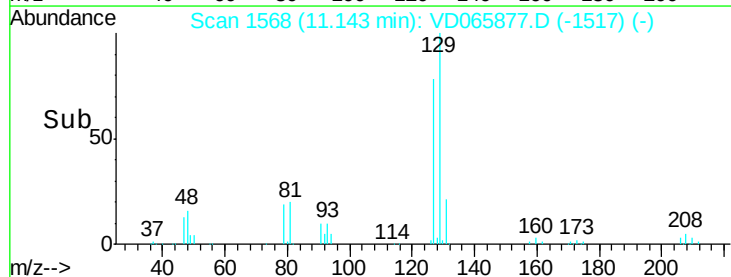
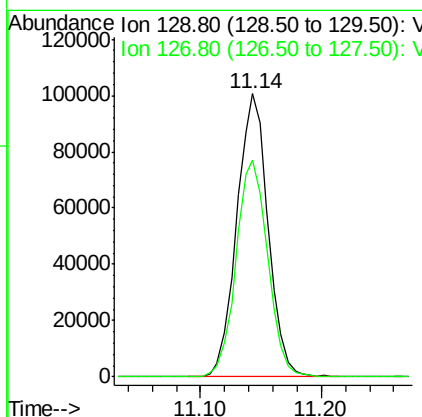
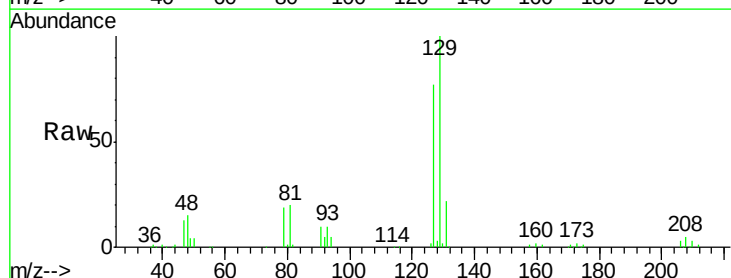
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

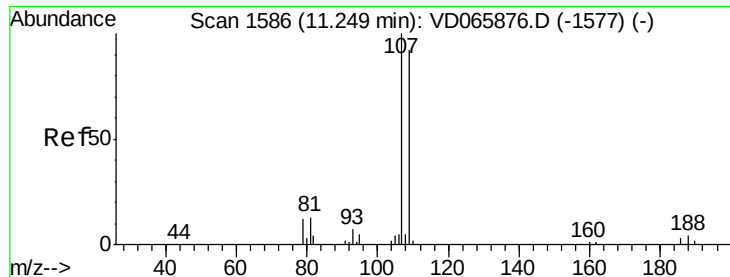
Tgt Ion: 43 Resp: 374897
Ion Ratio Lower Upper
43 100
58 52.7 26.1 78.3



#60
Dibromochloromethane
Concen: 103.900 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion: 129 Resp: 181662
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

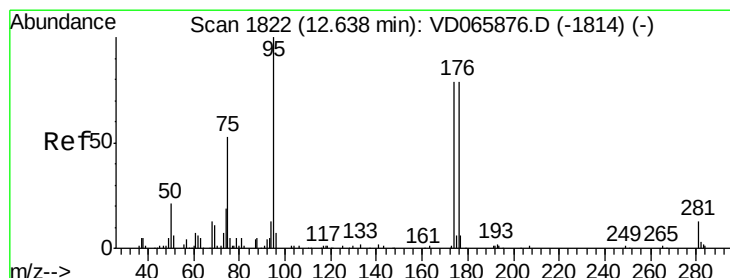
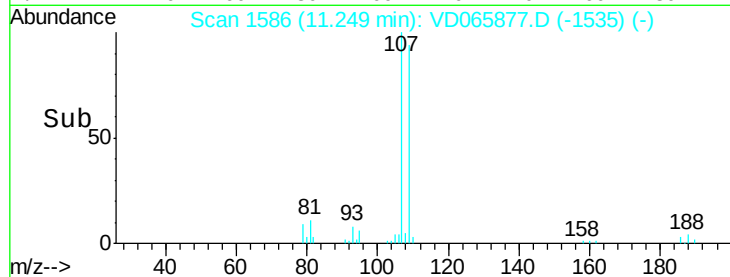
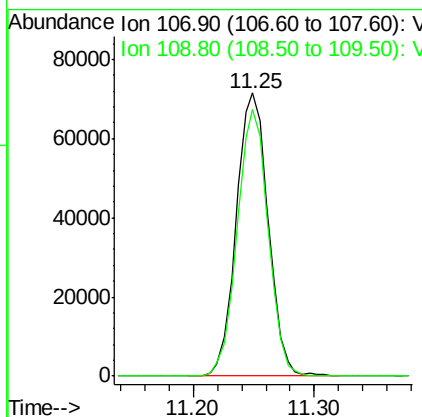
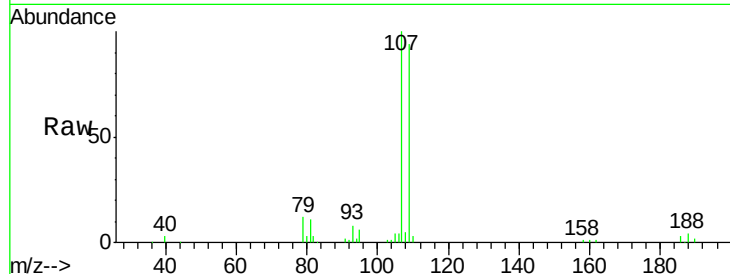




#61
 1,2-Dibromoethane
 Concen: 104.585 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

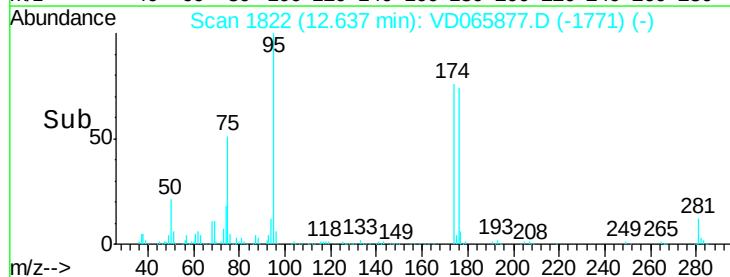
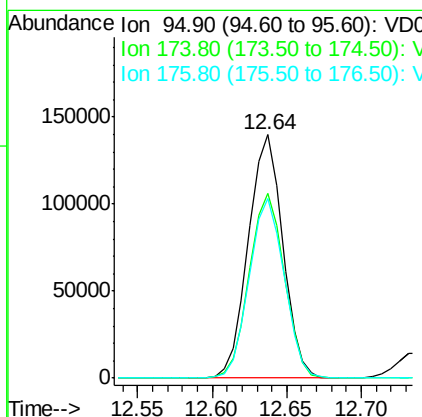
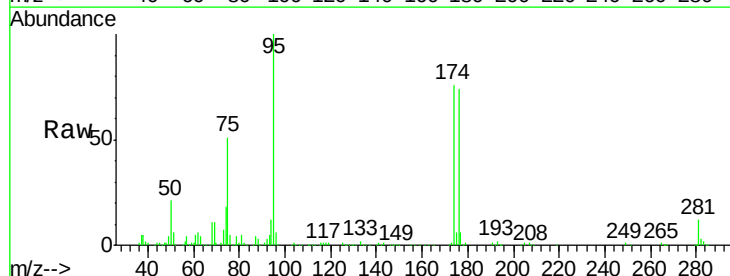
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

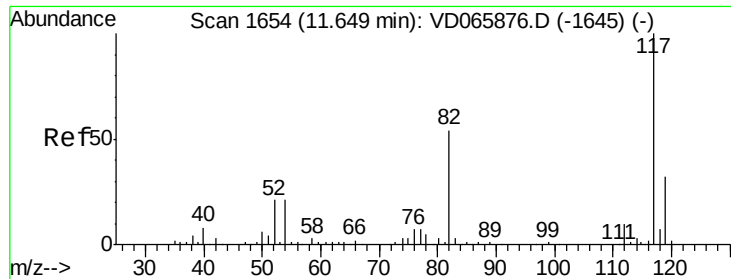
Tgt Ion: 107 Resp: 131795
 Ion Ratio Lower Upper
 107 100
 109 91.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 106.642 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion: 95 Resp: 223326
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 158.4
 176 74.7 0.0 156.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

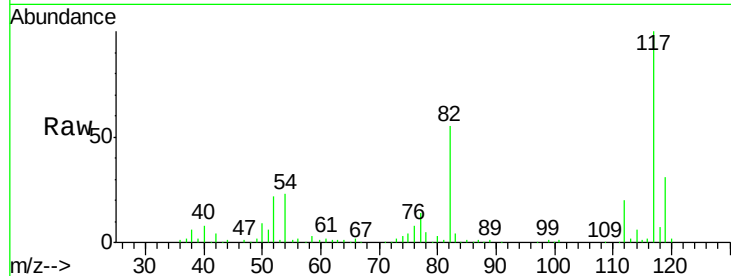
Tgt Ion:117 Resp: 252847

Ion Ratio Lower Upper

117 100

82 55.4 43.6 65.4

119 31.1 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.65

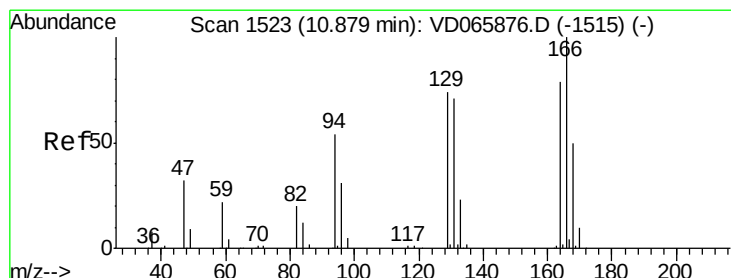
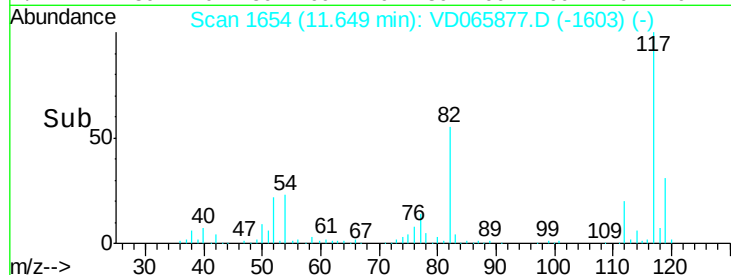
150000

100000

50000

0

Time--> 11.55 11.60 11.65 11.70



#64

Tetrachloroethene

Concen: 99.061 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Tgt Ion:164 Resp: 162846

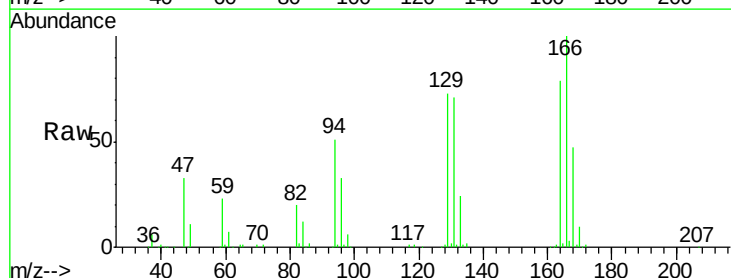
Ion Ratio Lower Upper

164 100

166 126.5 101.3 151.9

129 92.0 74.5 111.7

131 90.3 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

10.88

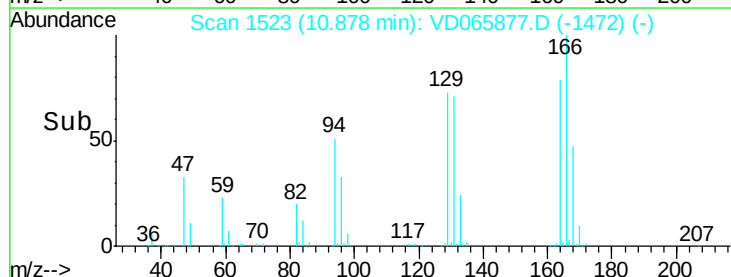
150000

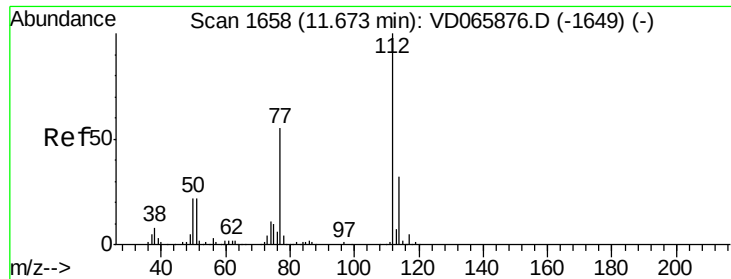
100000

50000

0

Time--> 10.80 10.90 11.00

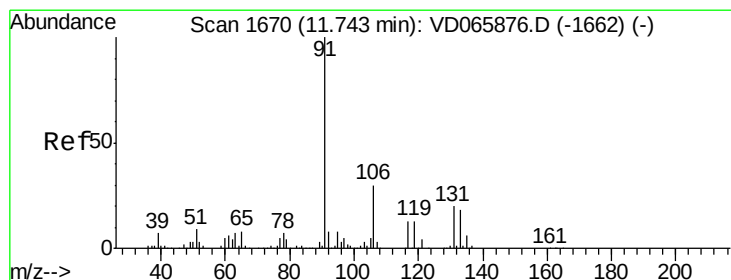
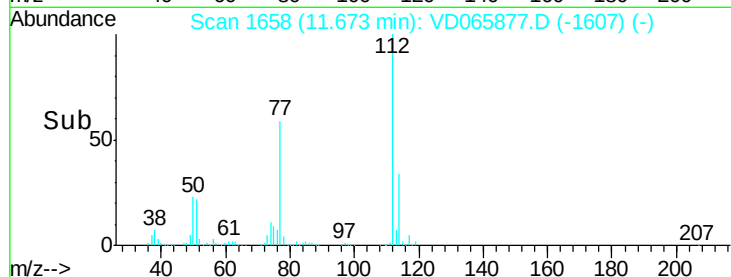
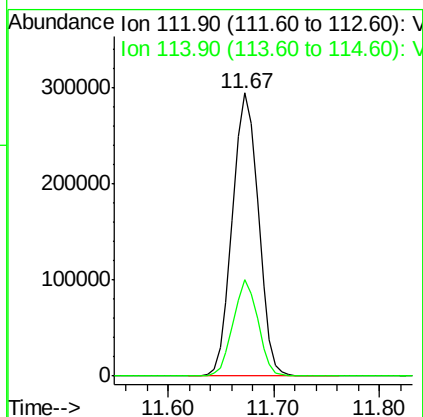
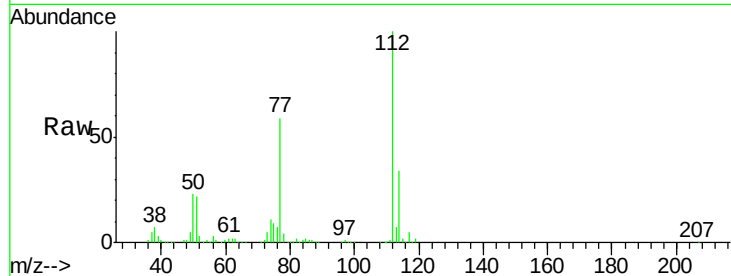




#65
Chlorobenzene
Concen: 100.523 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

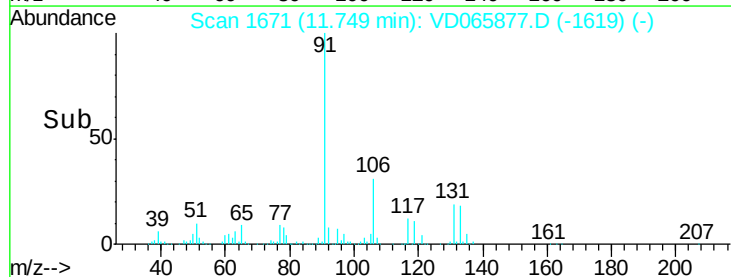
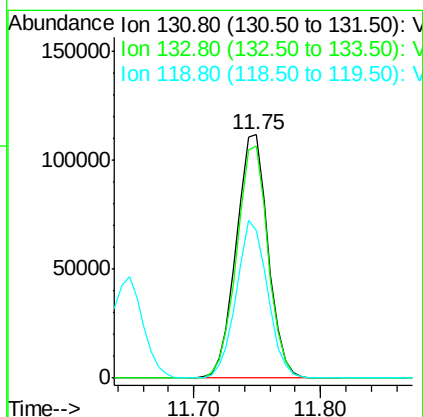
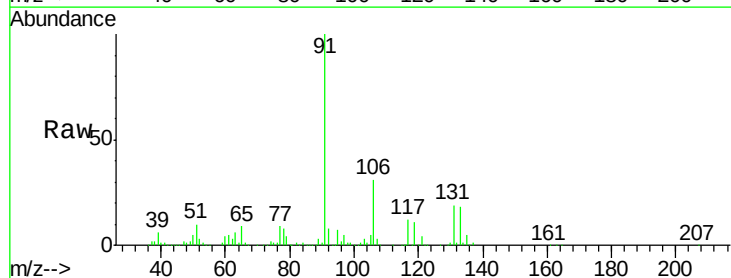
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

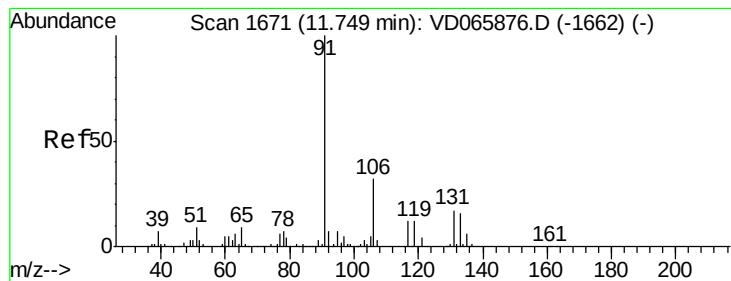
Tgt Ion:112 Resp: 501274
Ion Ratio Lower Upper
112 100
114 34.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 105.461 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion:131 Resp: 194816
Ion Ratio Lower Upper
131 100
133 94.3 48.1 144.3
119 63.7 33.0 98.9





#67

Ethyl Benzene

Concen: 106.739 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

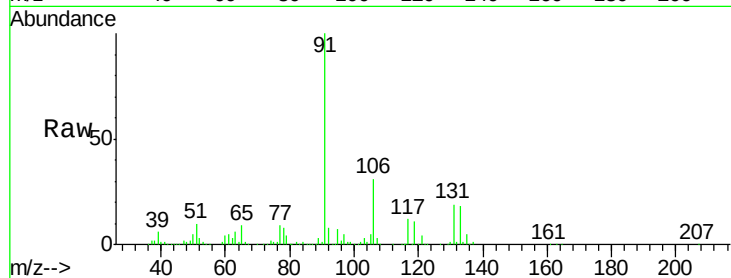
VSTDIC100

Tgt Ion: 91 Resp: 986964

Ion Ratio Lower Upper

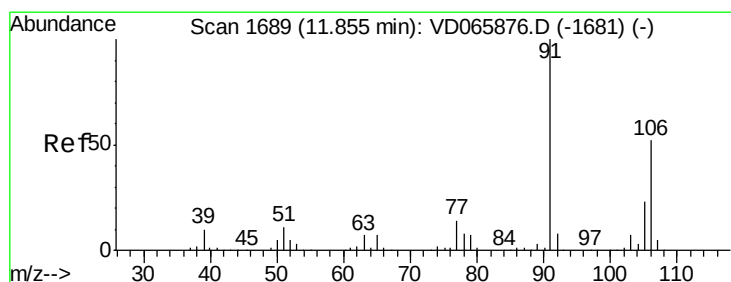
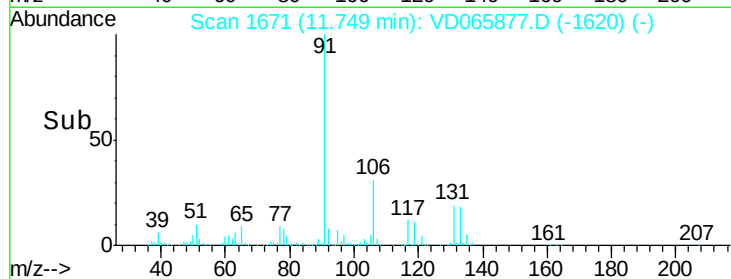
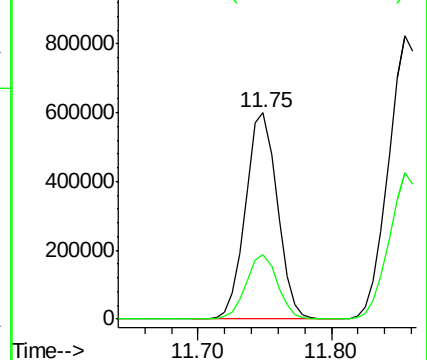
91 100

106 31.4 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 218.620 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065877.D

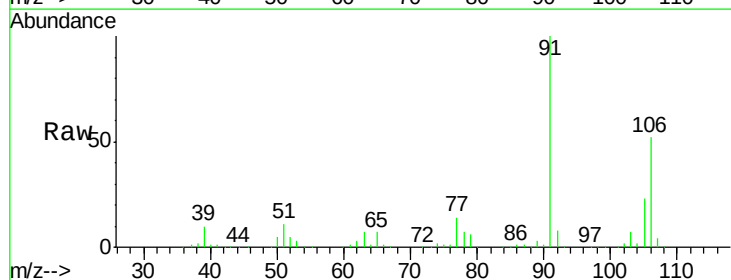
Acq: 26 Jun 2020 12:32

Tgt Ion: 106 Resp: 771099

Ion Ratio Lower Upper

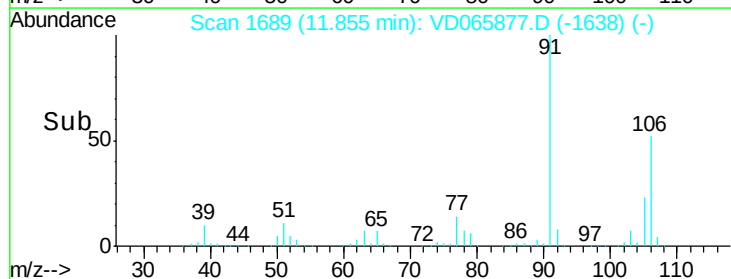
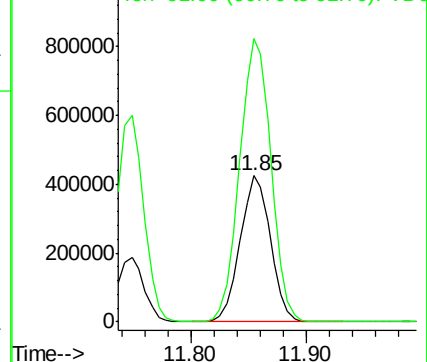
106 100

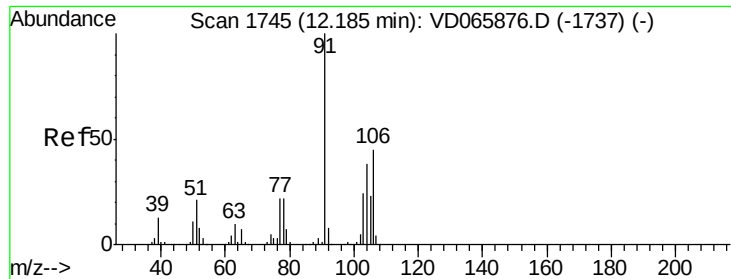
91 200.7 159.5 239.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

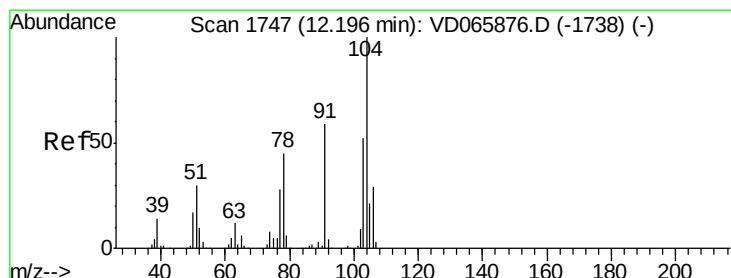
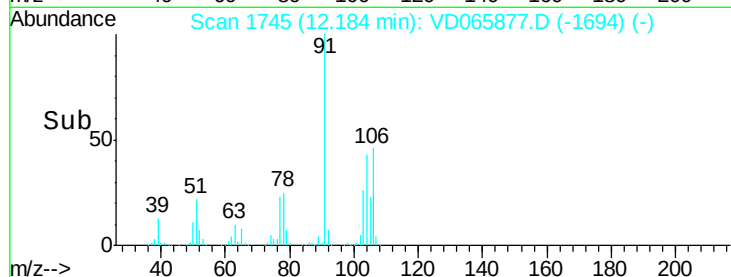
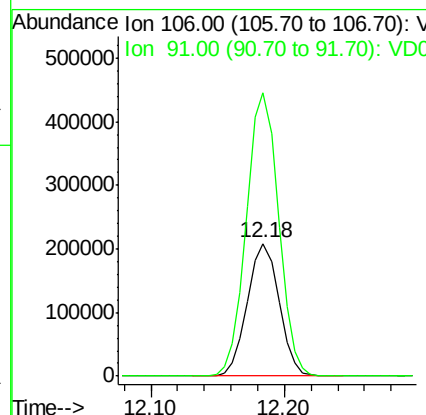
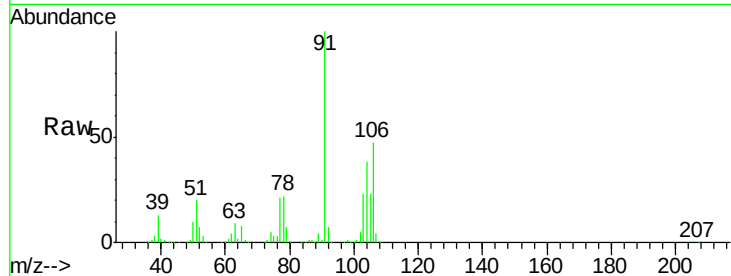




#69
o-Xylene
Concen: 108.556 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

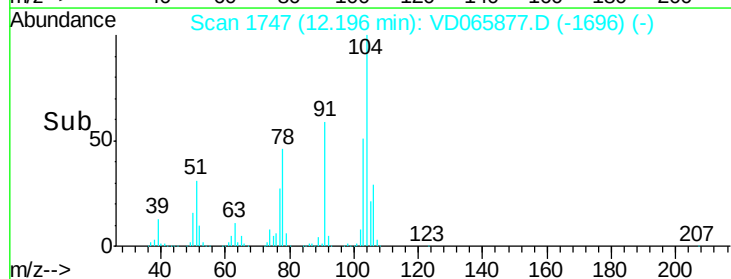
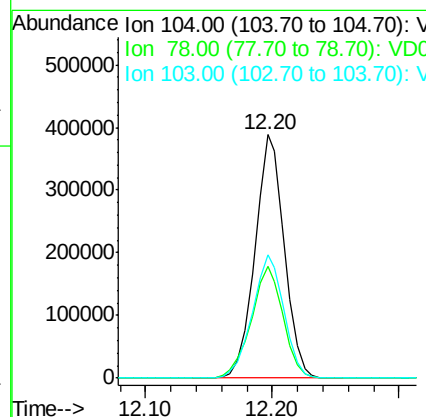
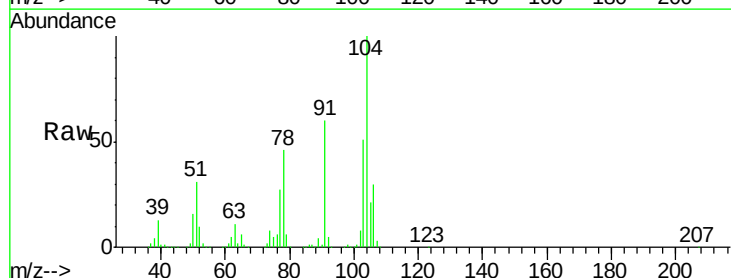
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

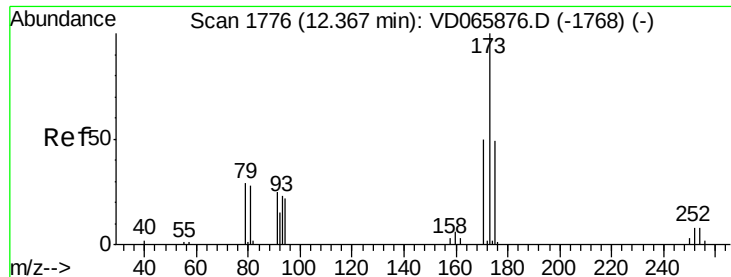
Tgt Ion:106 Resp: 343129
Ion Ratio Lower Upper
106 100
91 216.3 107.5 322.6



#70
Styrene
Concen: 112.767 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion:104 Resp: 623805
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 54.5 44.6 66.8





#71

Bromoform

Concen: 98.832 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

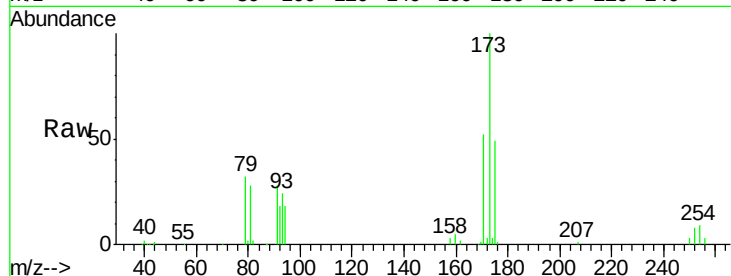
Tgt Ion:173 Resp: 97260

Ion Ratio Lower Upper

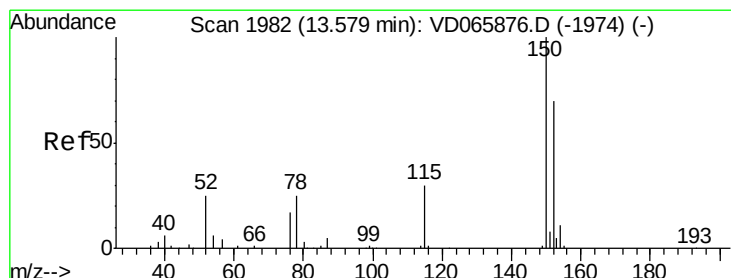
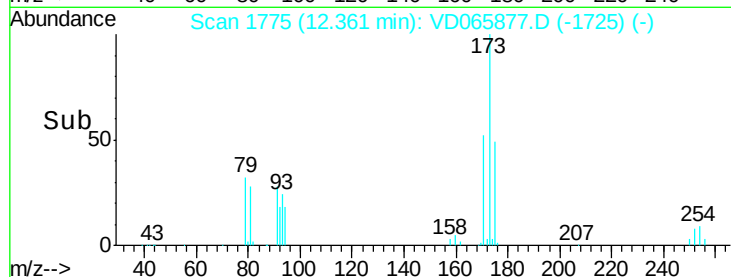
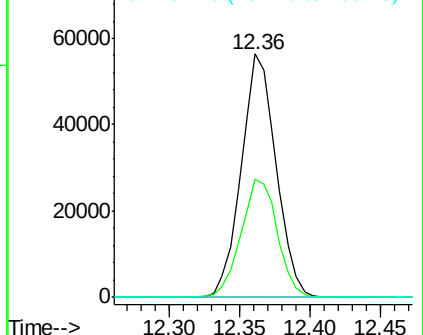
173 100

175 50.5 23.9 71.8

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. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

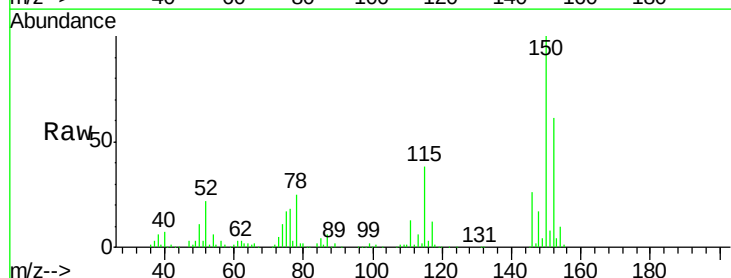
Tgt Ion:152 Resp: 131251

Ion Ratio Lower Upper

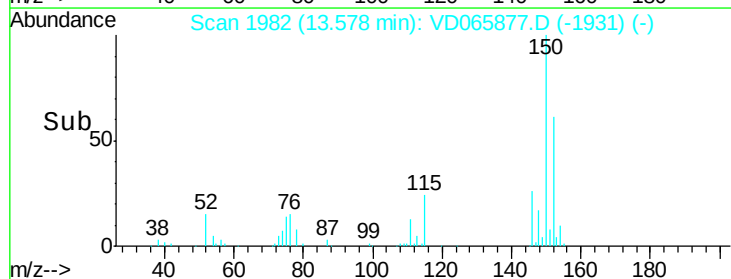
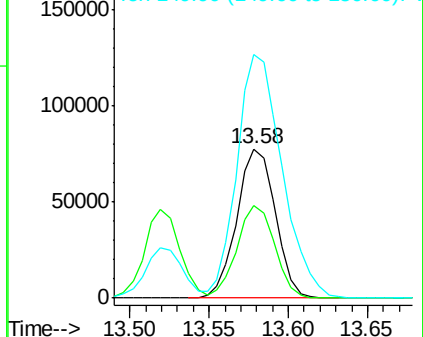
152 100

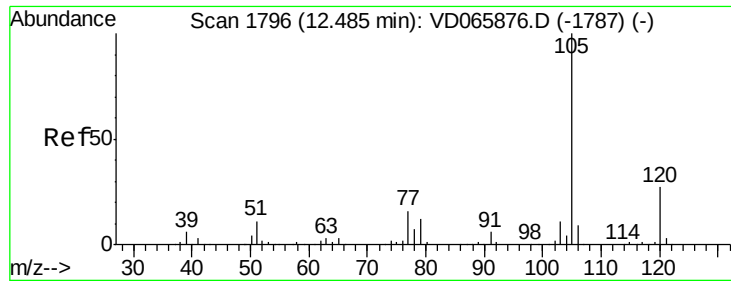
115 60.9 29.7 89.1

150 191.6 0.0 346.2



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: 104.750 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

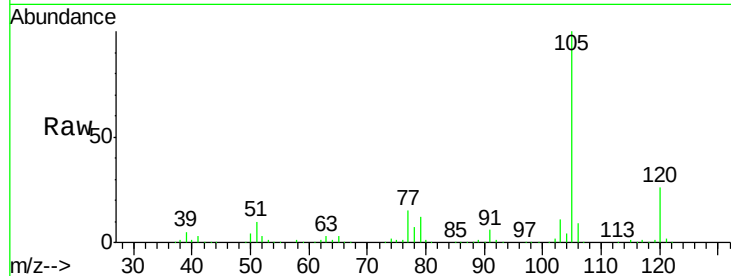
VSTDIC100

Tgt Ion:105 Resp: 983198

Ion Ratio Lower Upper

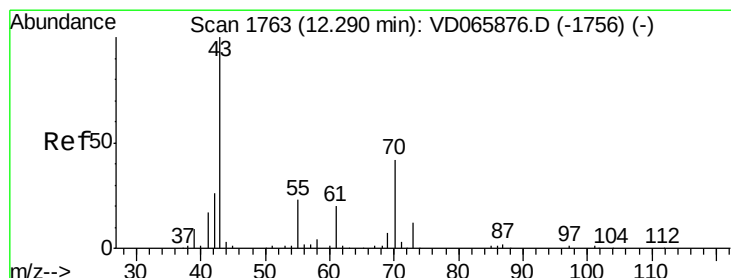
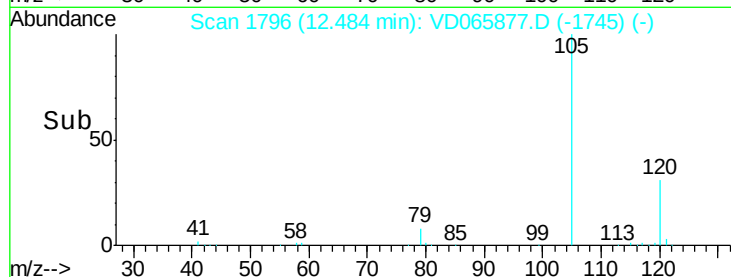
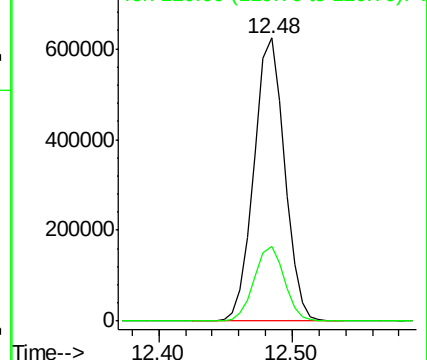
105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 102.600 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Tgt Ion: 43 Resp: 210287

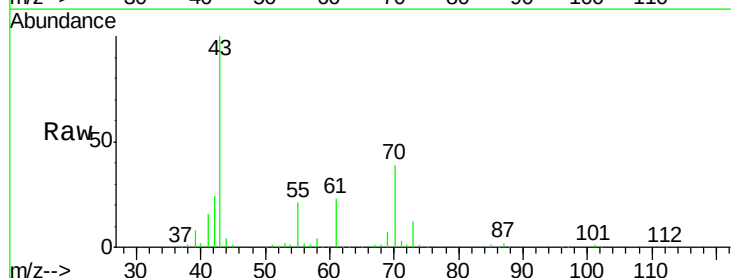
Ion Ratio Lower Upper

43 100

70 40.5 32.5 48.7

55 22.8 18.7 28.1

61 23.5 16.7 25.1

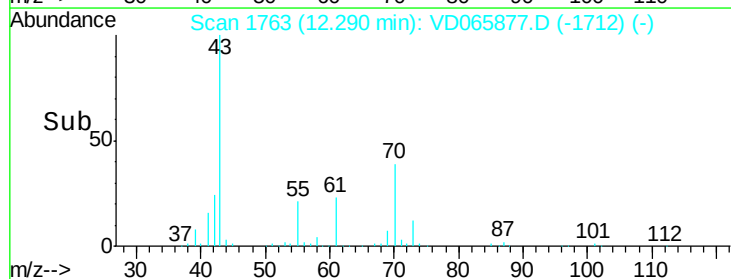
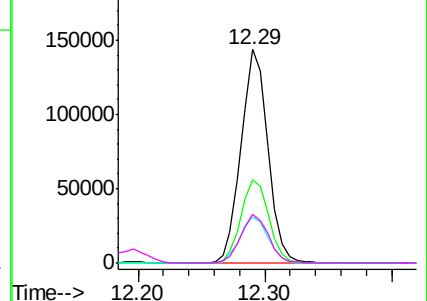


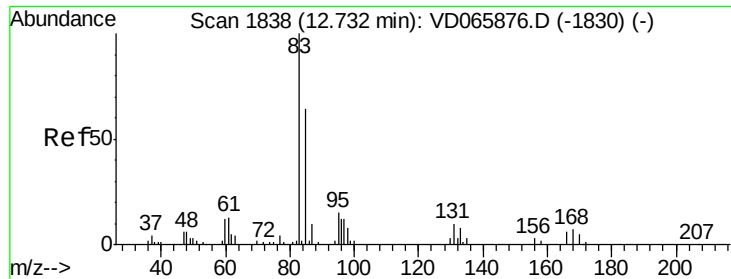
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 95.508 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

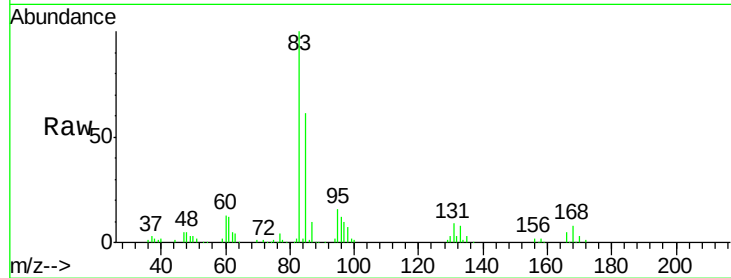
Tgt Ion: 83 Resp: 147797

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.4

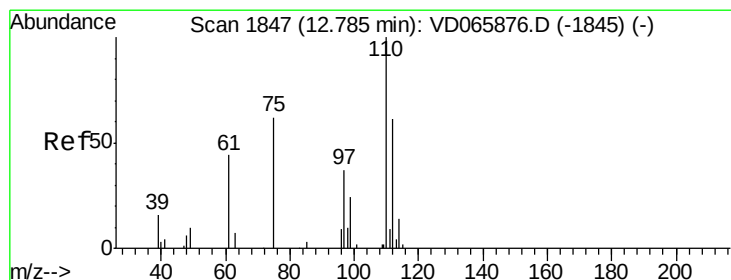
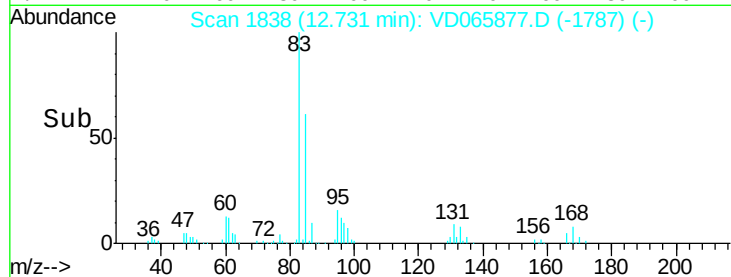
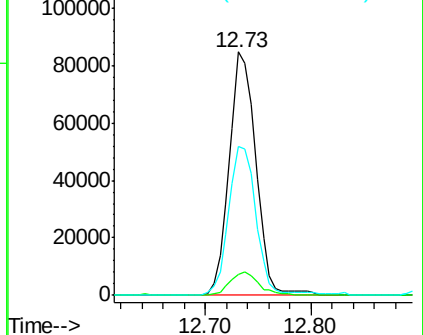
85 62.1 32.3 96.9



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: 183.816 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD065877.D

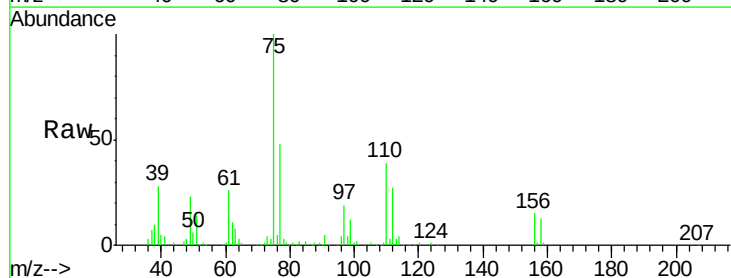
Acq: 26 Jun 2020 12:32

Tgt Ion: 75 Resp: 200016

Ion Ratio Lower Upper

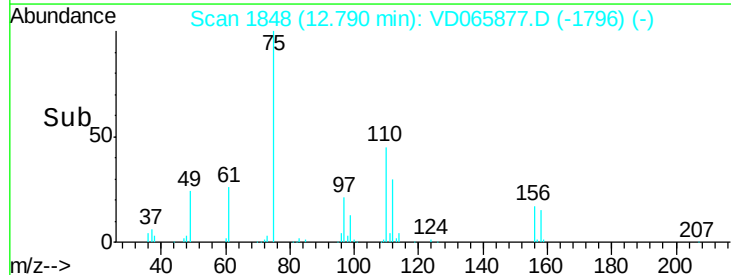
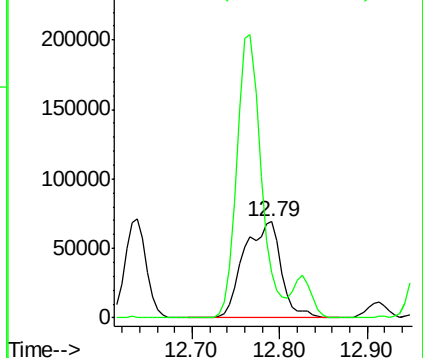
75 100

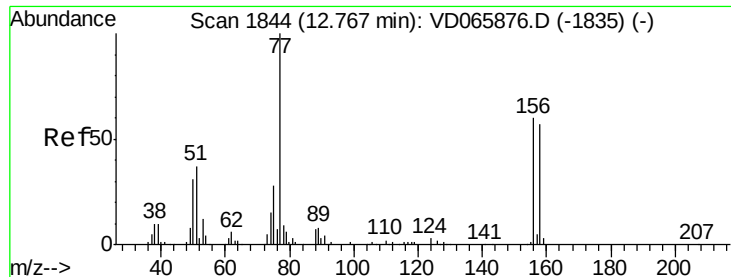
77 0.0 168.5 505.5#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 96.568 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

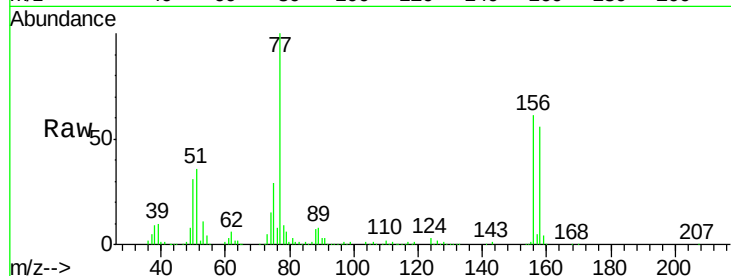
Tgt Ion:156 Resp: 204023

Ion Ratio Lower Upper

156 100

77 188.6 90.5 271.5

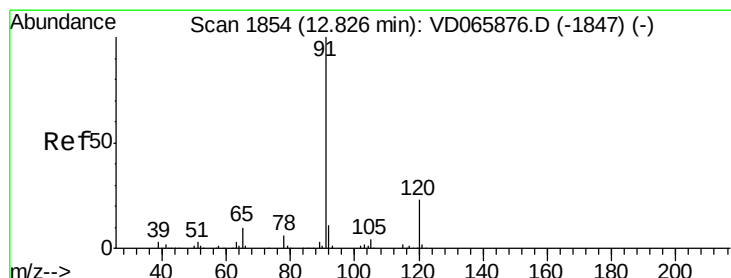
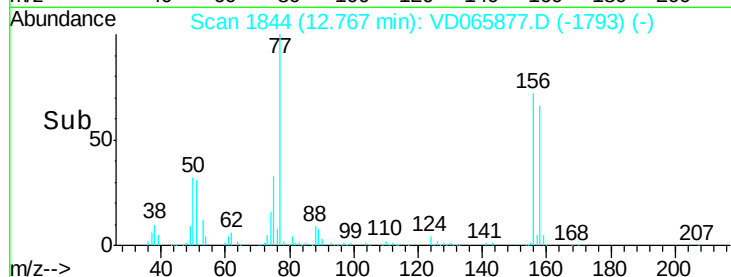
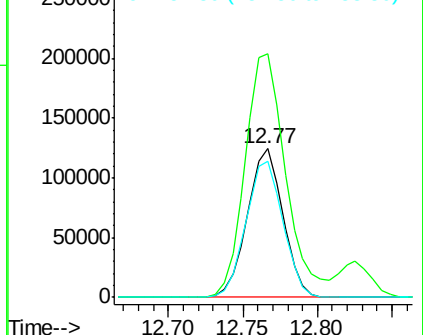
158 95.5 48.2 144.6



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: 103.499 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065877.D

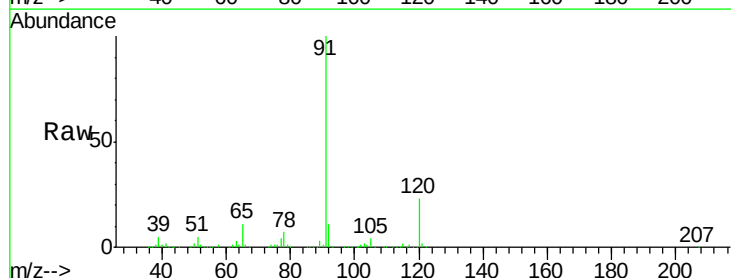
Acq: 26 Jun 2020 12:32

Tgt Ion: 91 Resp: 1173167

Ion Ratio Lower Upper

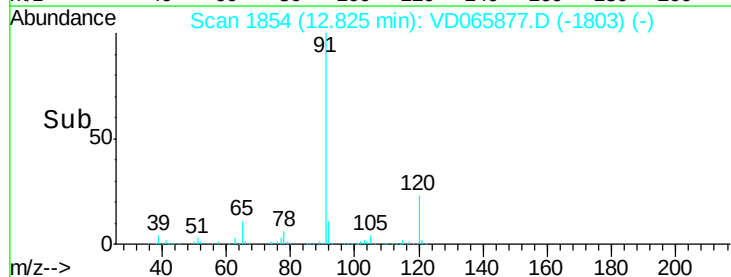
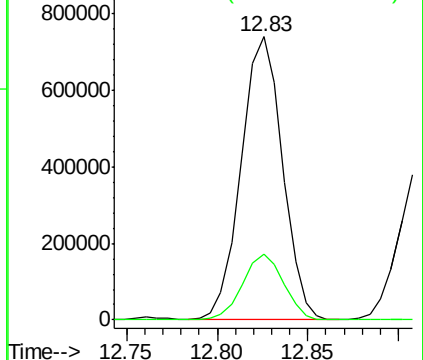
91 100

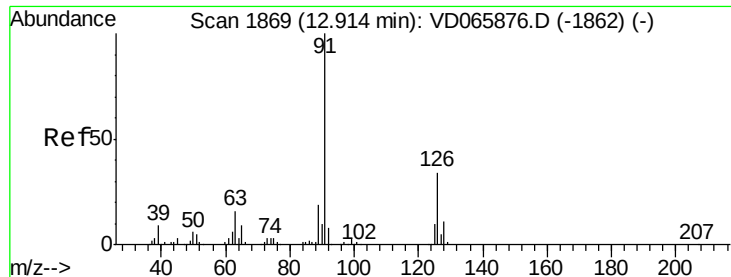
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 102.778 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

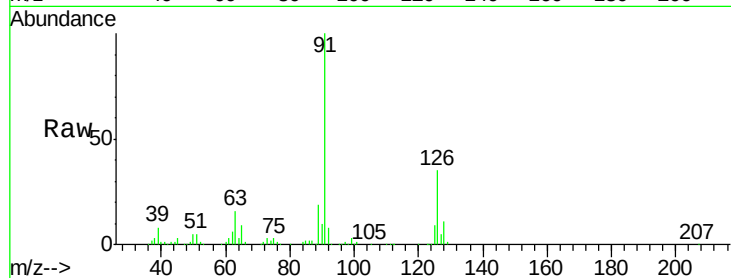
VSTDIC100

Tgt Ion: 91 Resp: 640165

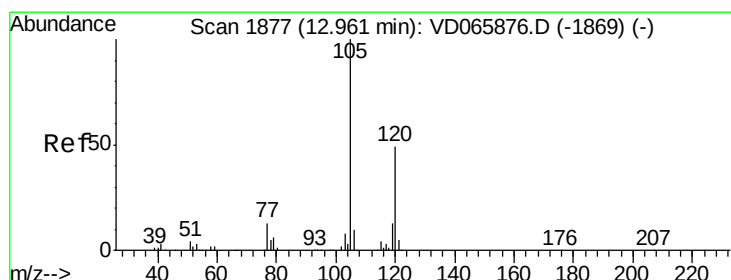
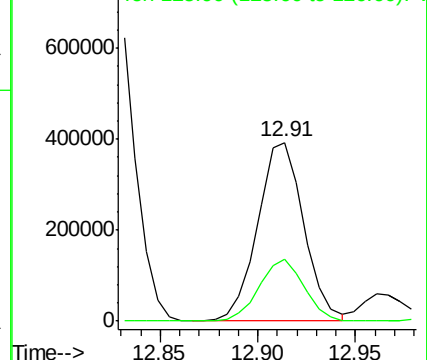
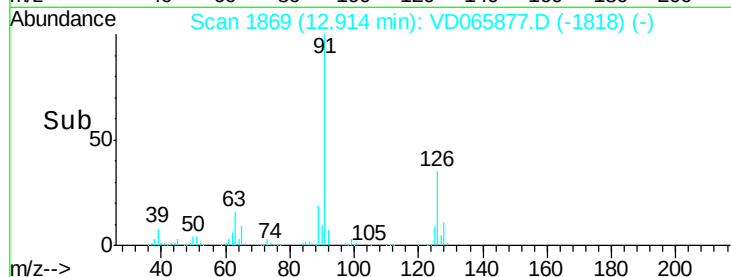
Ion Ratio Lower Upper

91 100

126 34.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VD065877.D (-1818) (-)



#80

1,3,5-Trimethylbenzene

Concen: 105.599 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD065877.D

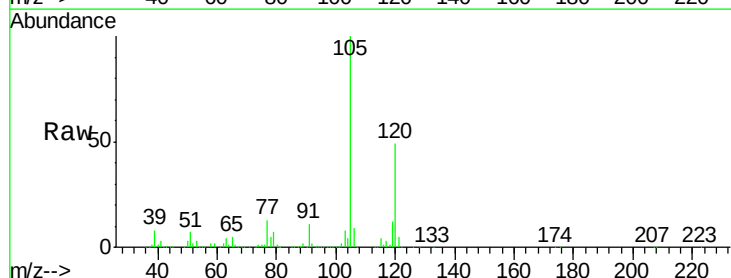
Acq: 26 Jun 2020 12:32

Tgt Ion: 105 Resp: 825901

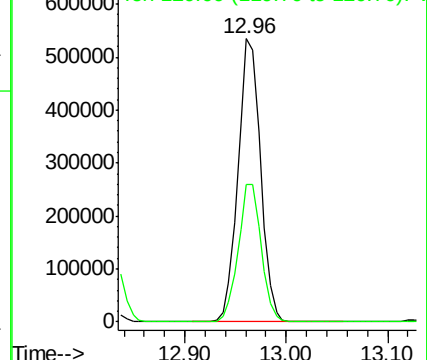
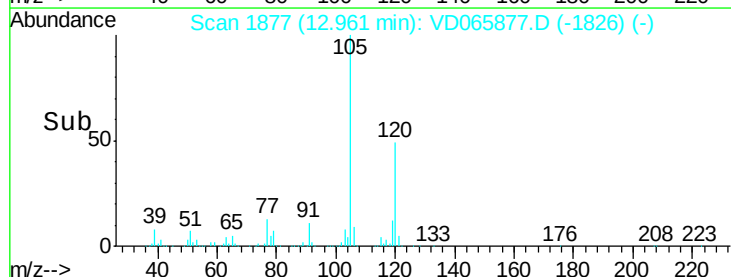
Ion Ratio Lower Upper

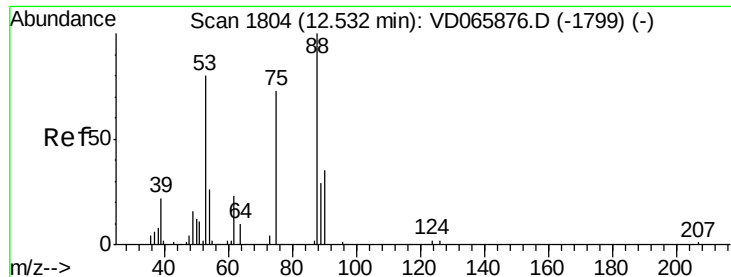
105 100

120 49.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD065877.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 100.498 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

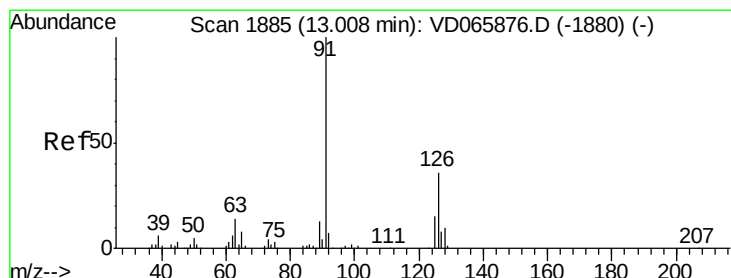
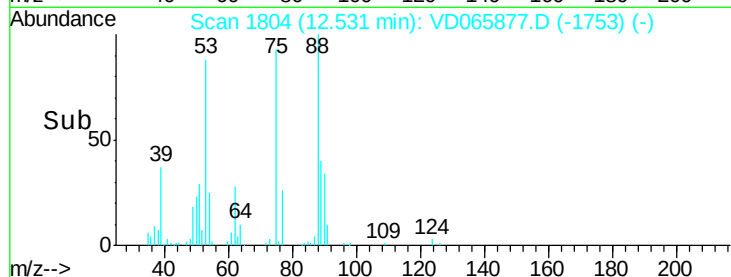
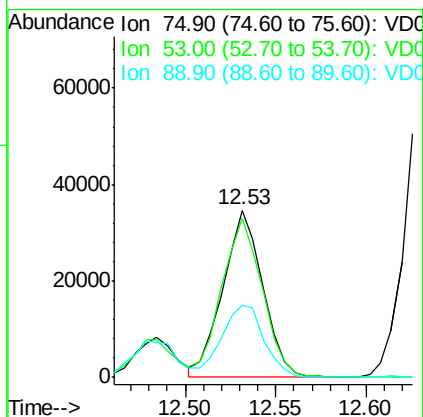
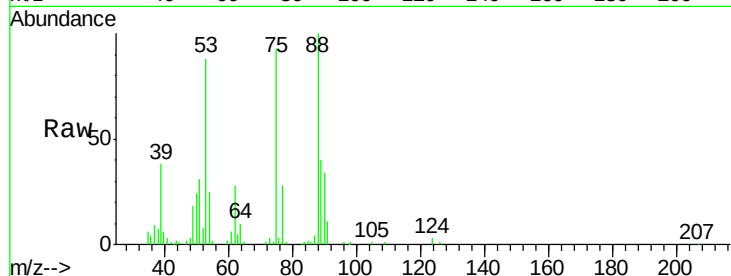
Tgt Ion: 75 Resp: 53113

Ion Ratio Lower Upper

75 100

53 96.9 80.6 121.0

89 46.8 36.5 54.7



#82

4-Chlorotoluene

Concen: 103.833 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065877.D

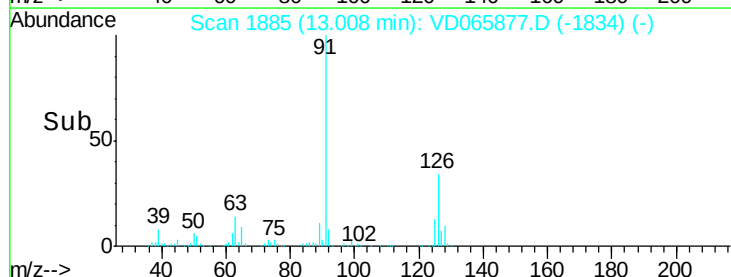
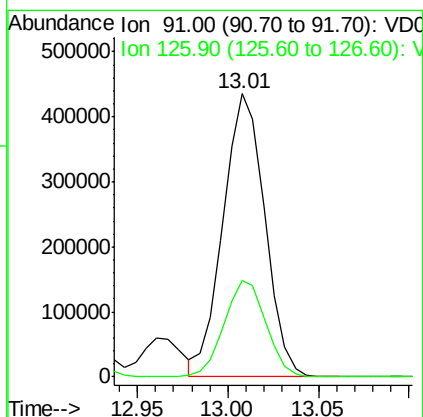
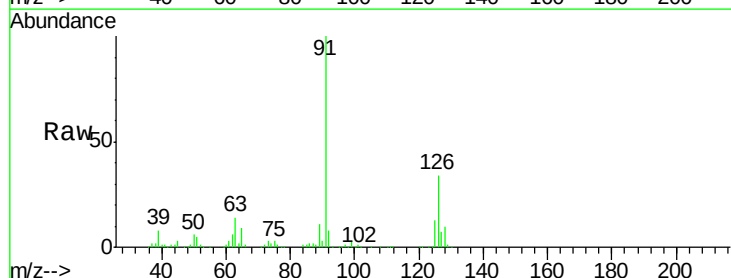
Acq: 26 Jun 2020 12:32

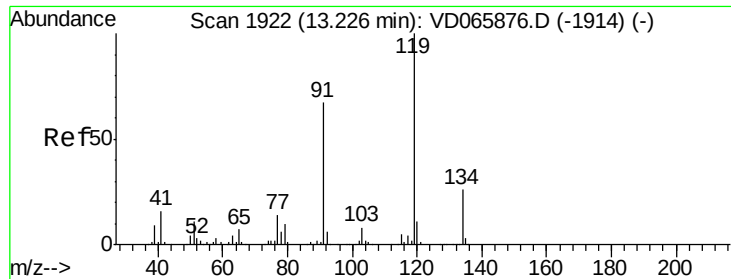
Tgt Ion: 91 Resp: 695478

Ion Ratio Lower Upper

91 100

126 34.1 16.6 49.8

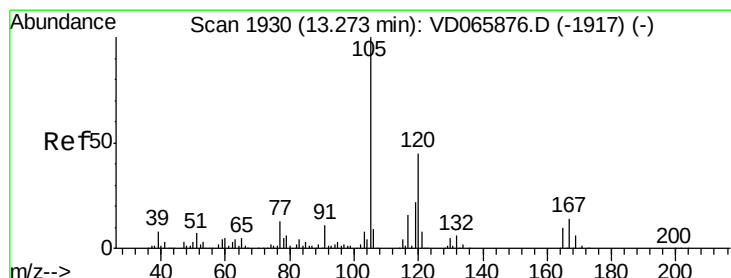
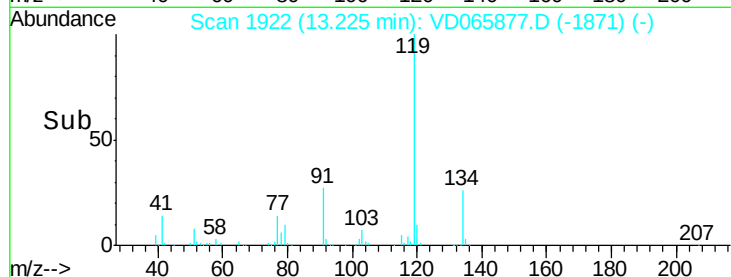
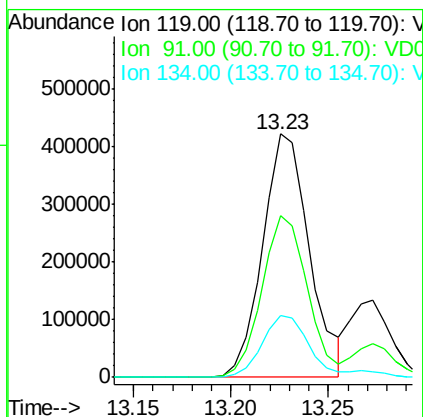
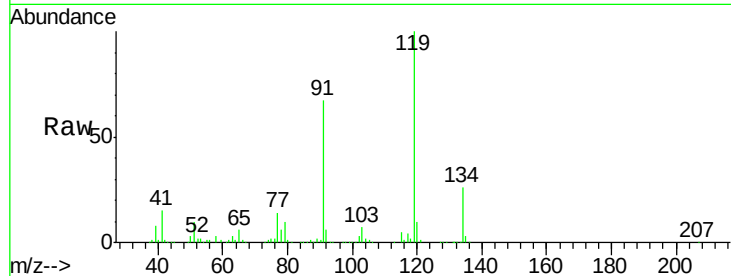




#83
 tert-Butylbenzene
 Concen: 105.758 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

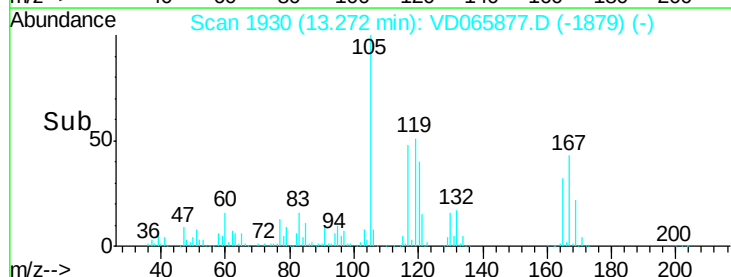
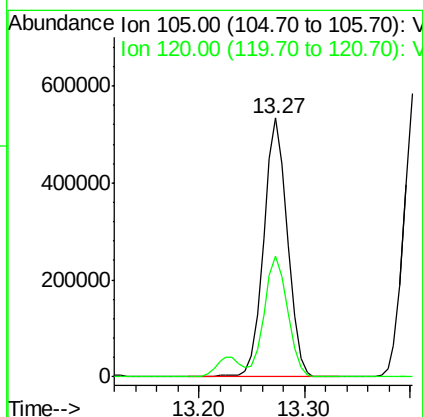
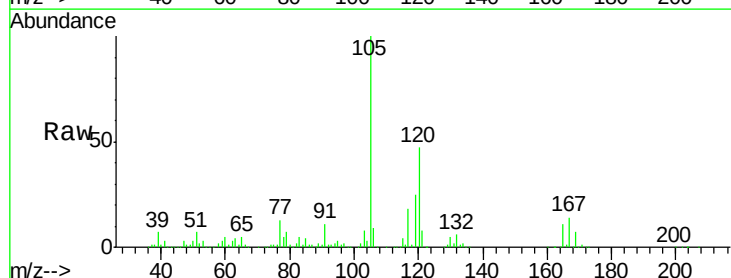
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

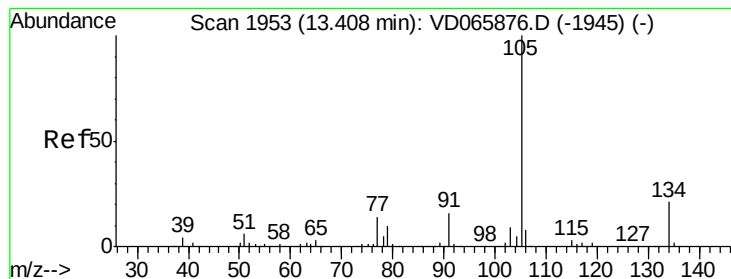
Tgt Ion:119 Resp: 703029
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.2 96.6
 134 27.1 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 106.602 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion:105 Resp: 829686
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 103.974 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

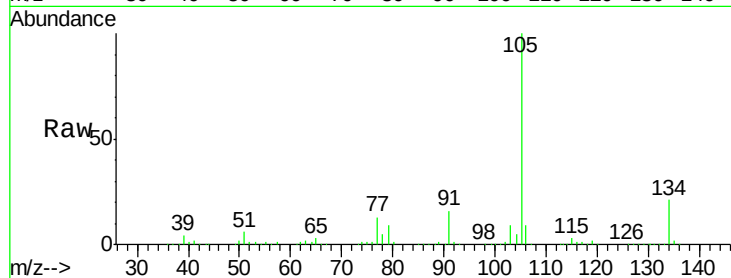
VSTDIC100

Tgt Ion:105 Resp: 976514

Ion Ratio Lower Upper

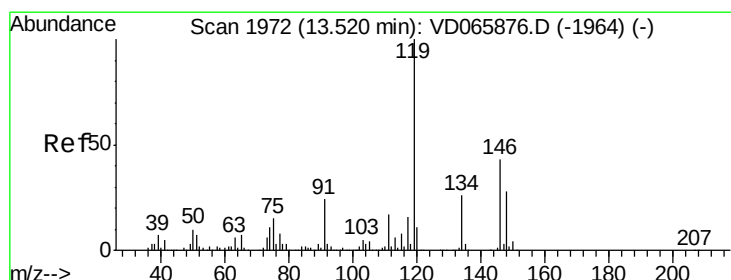
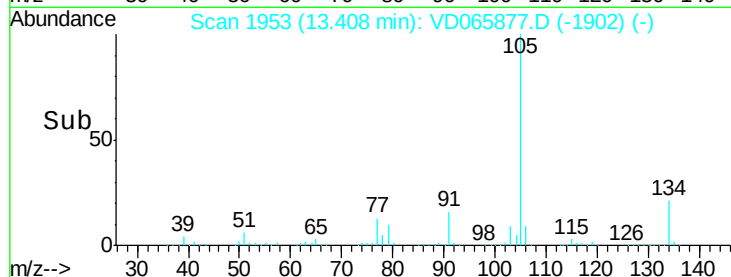
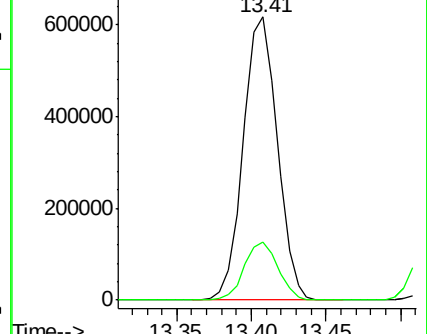
105 100

134 20.4 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 106.661 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

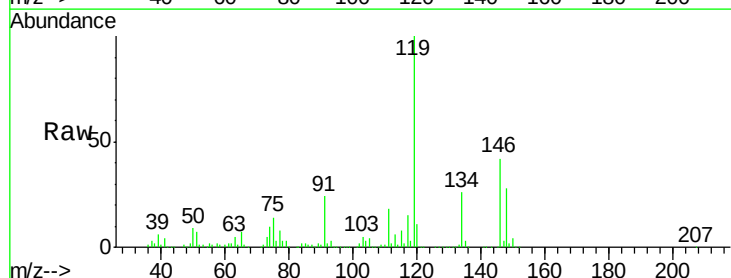
Tgt Ion:119 Resp: 919807

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

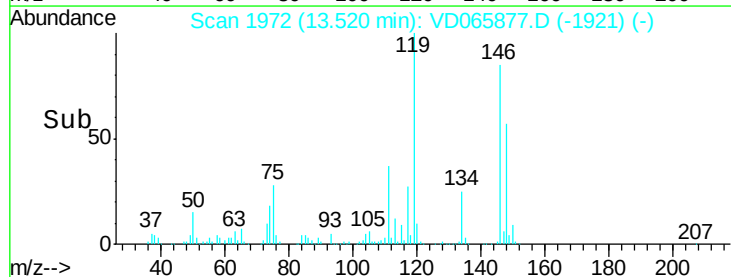
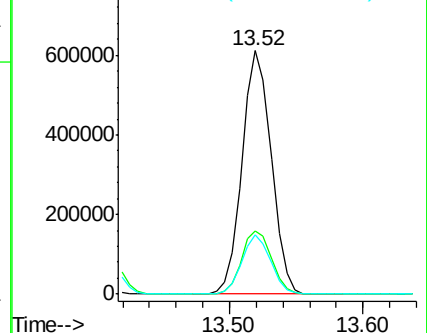
91 24.2 12.0 36.1

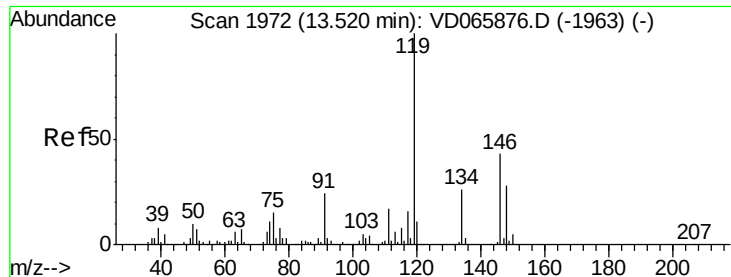


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

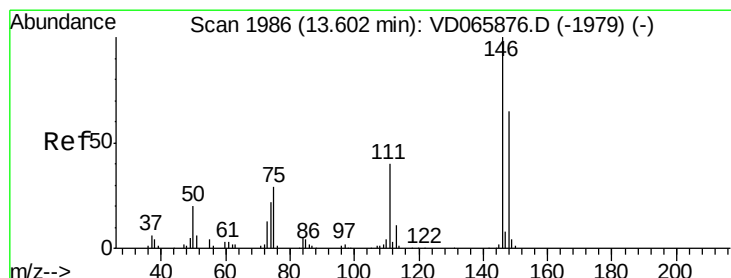
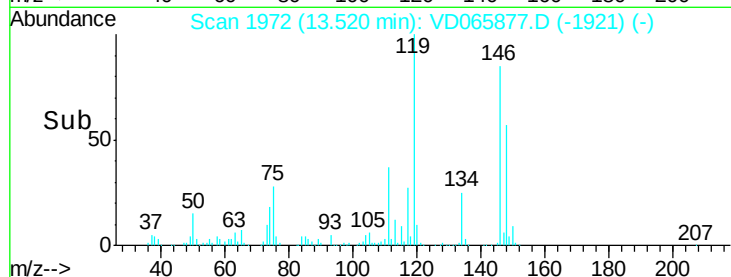
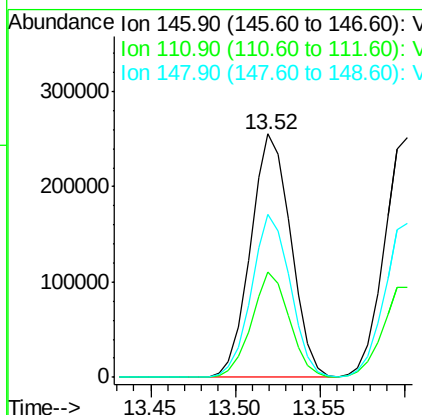
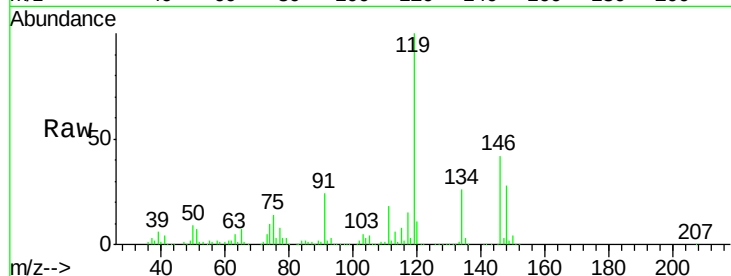




#87
 1,3-Dichlorobenzene
 Concen: 102.803 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

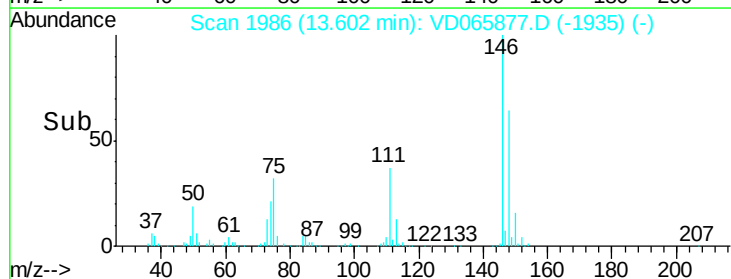
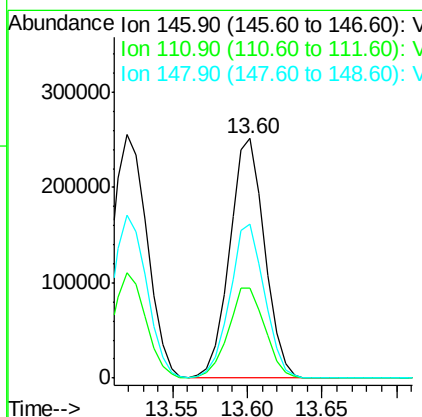
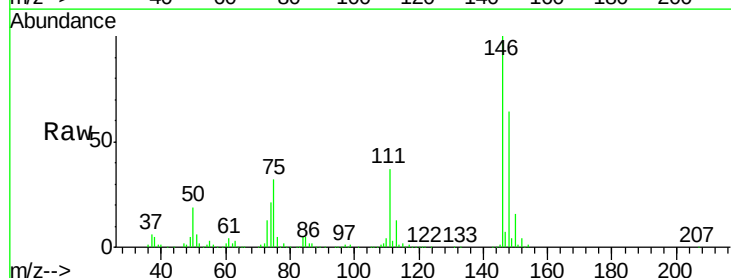
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

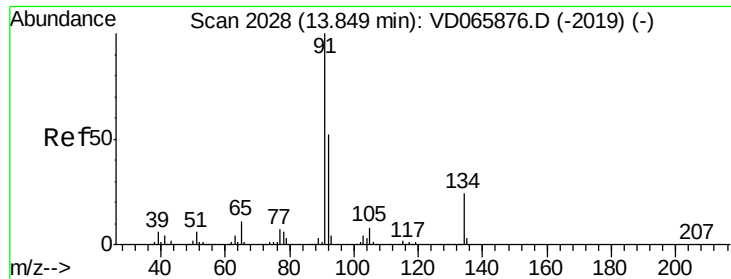
Tgt Ion:146 Resp: 423060
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.4 58.4
 148 64.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 99.933 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion:146 Resp: 411147
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.6
 148 63.7 32.5 97.4

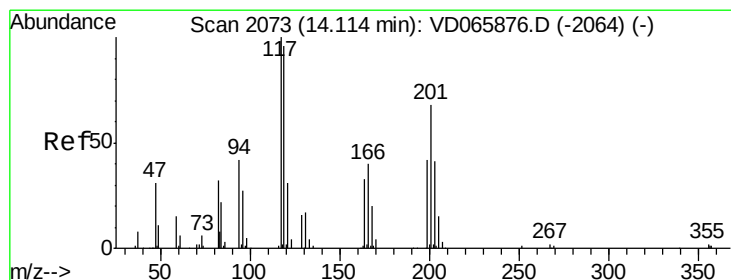
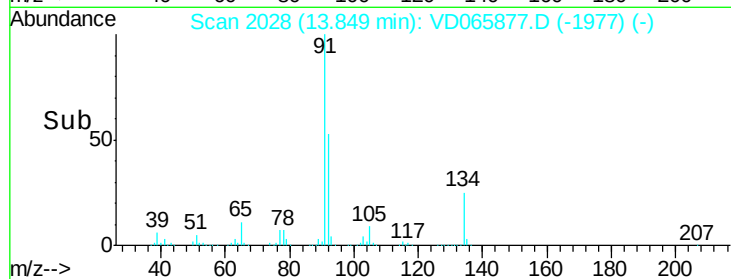
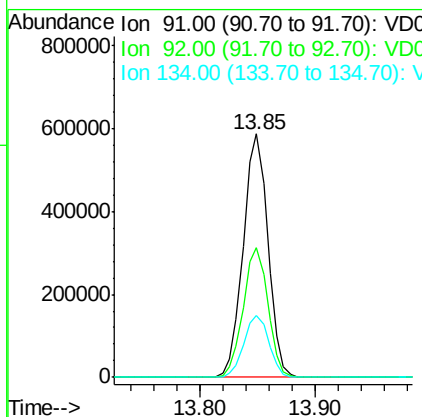
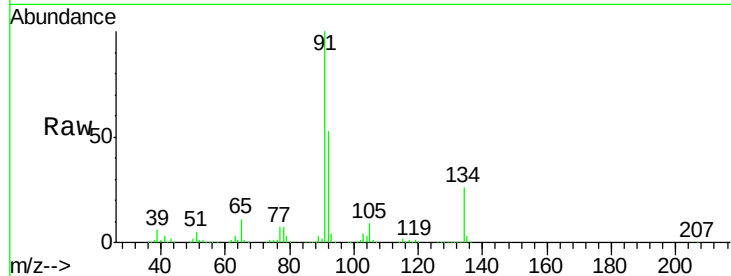




#89
n-Butylbenzene
Concen: 104.454 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

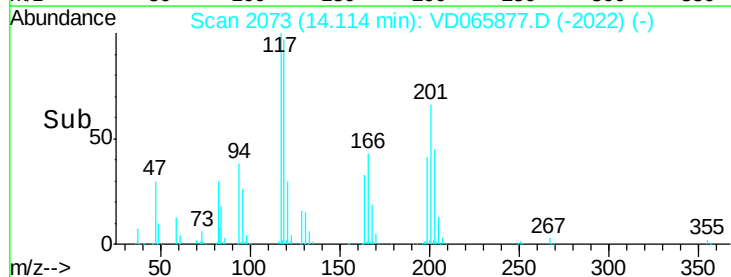
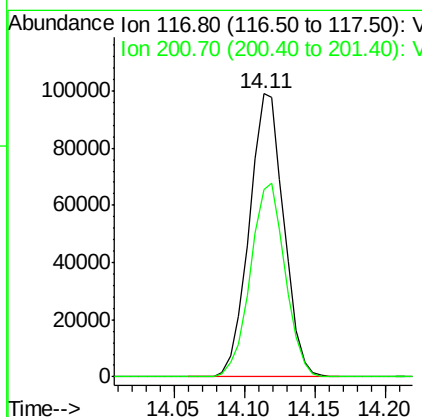
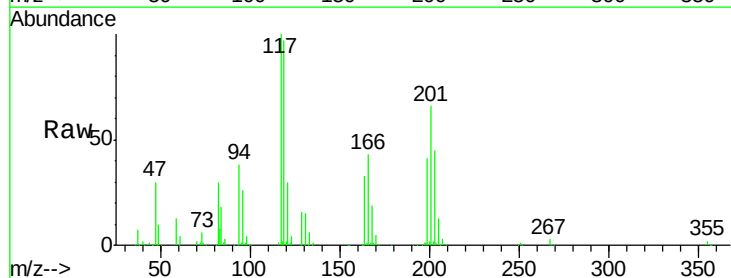
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

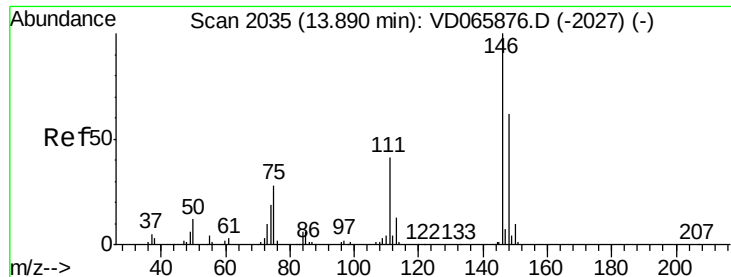
Tgt Ion: 91 Resp: 873322
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 25.9 12.4 37.2



#90
Hexachloroethane
Concen: 97.947 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion: 117 Resp: 170302
Ion Ratio Lower Upper
117 100
201 68.3 35.1 105.5

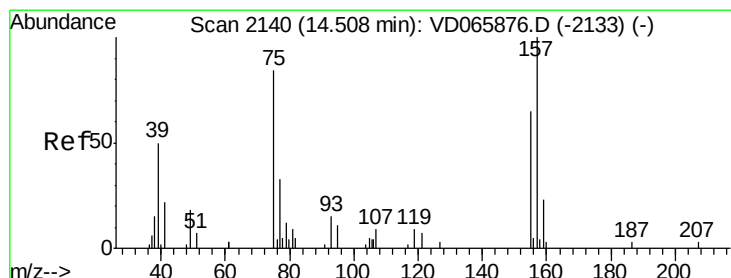
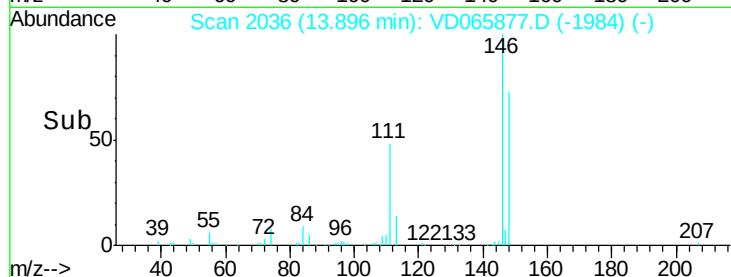
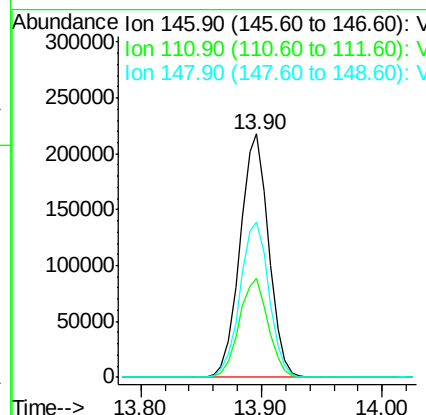
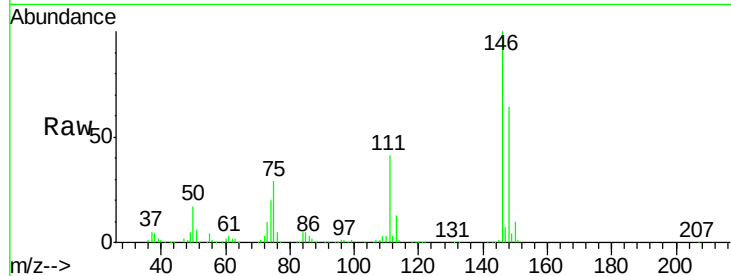




#91
 1,2-Dichlorobenzene
 Concen: 100.042 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

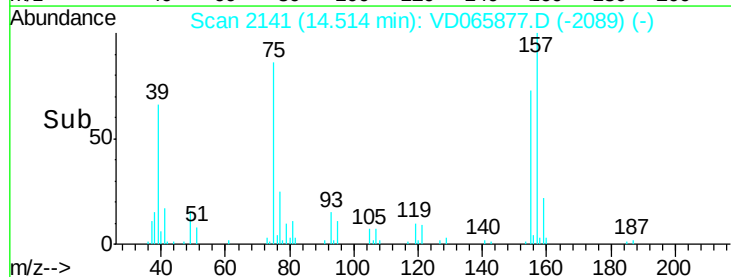
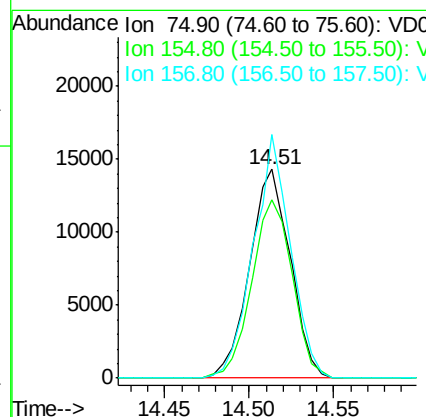
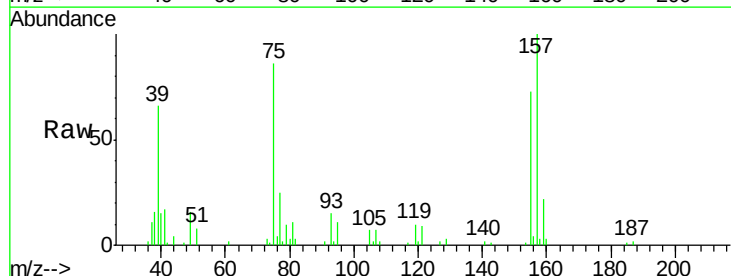
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

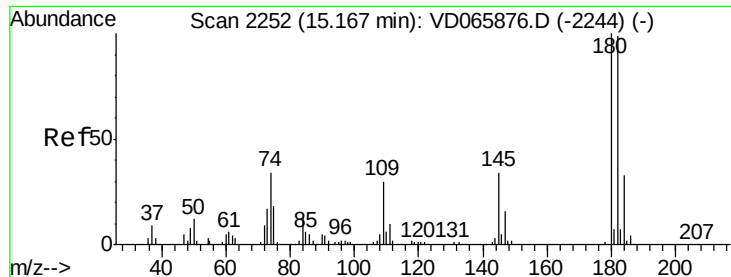
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	64.8	31.4	94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 96.723 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	37.8	113.3
157	106.6	50.6	151.8

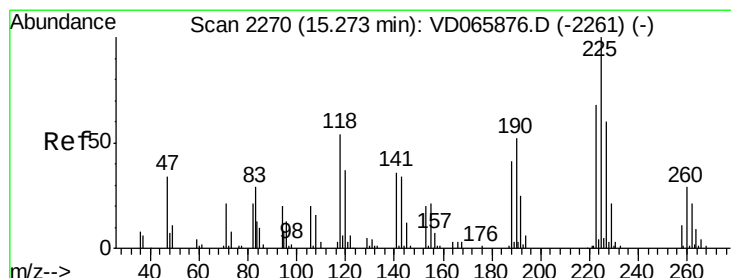
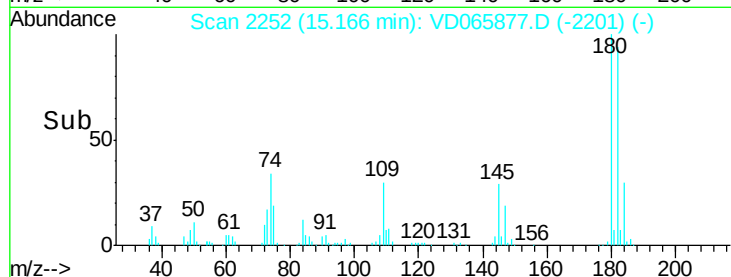
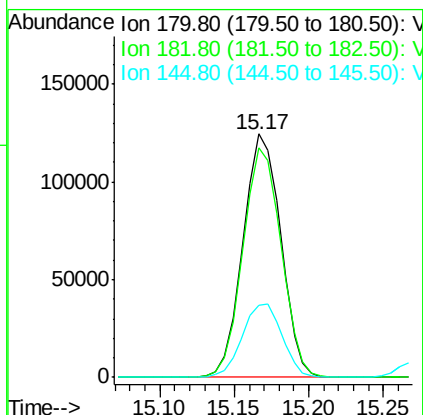
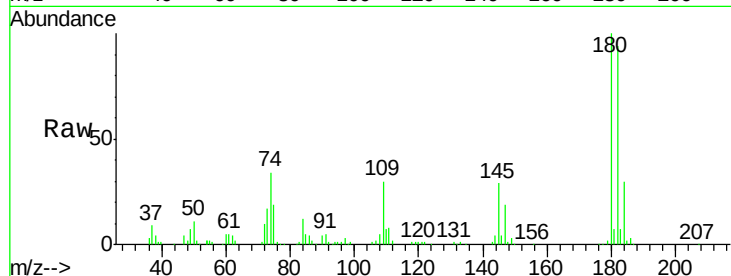




#93
 1,2,4-Trichlorobenzene
 Concen: 93.677 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

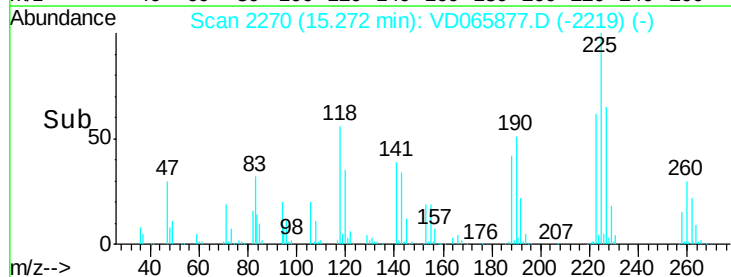
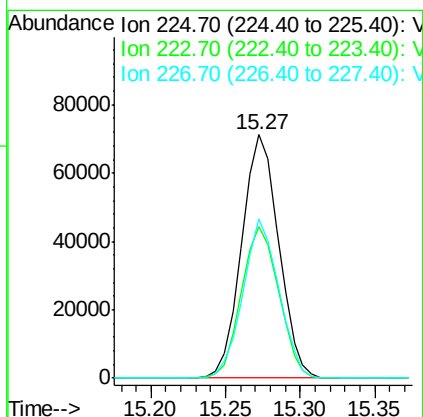
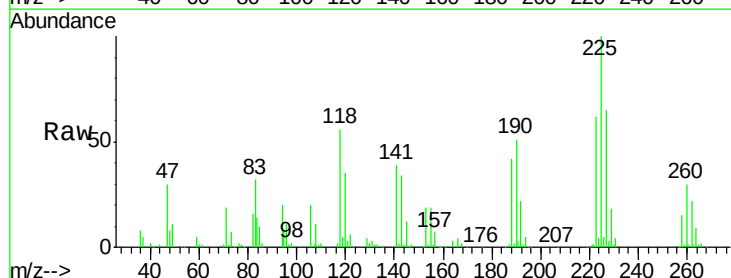
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

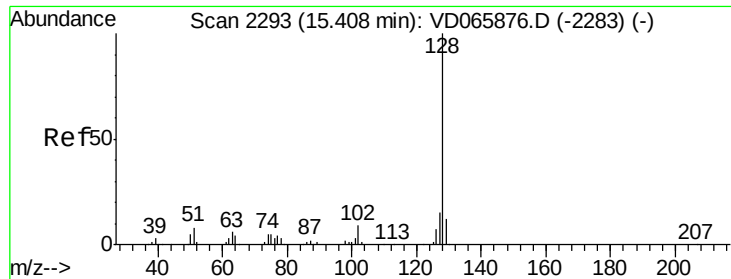
Tgt Ion:180 Resp: 217633
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 31.7 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 95.799 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

Tgt Ion:225 Resp: 122446
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 63.2 30.1 90.3

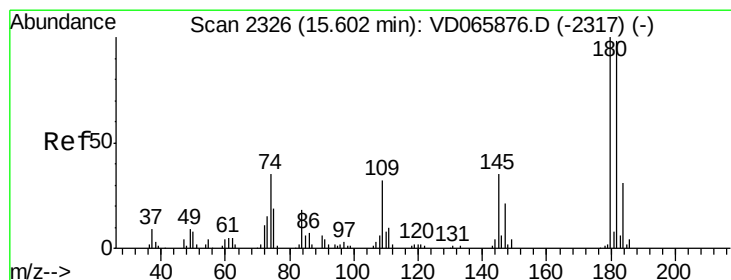
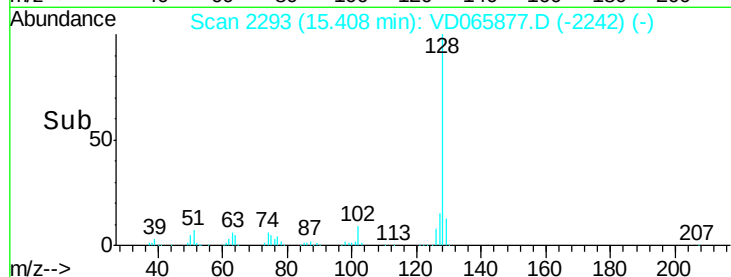
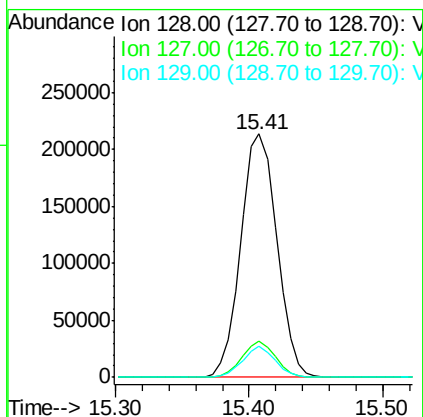
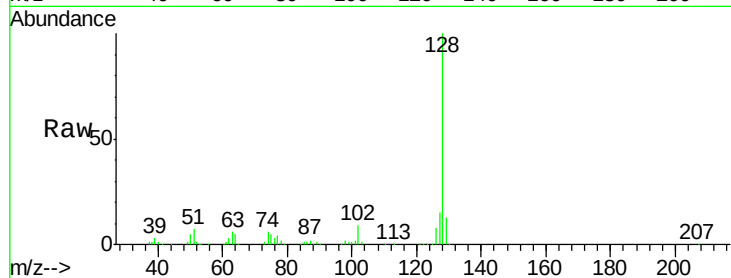




#95
Naphthalene
Concen: 98.809 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 399646
Ion Ratio Lower Upper
128 100
127 13.8 10.8 16.2
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 94.807 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Tgt Ion:180 Resp: 181974
Ion Ratio Lower Upper
180 100
182 96.5 48.9 146.6
145 34.7 16.6 49.7

