

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 18:48:19 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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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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	7.53	41	61912m	96.958	ug/l	
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	89947m	82.662	ug/l	
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

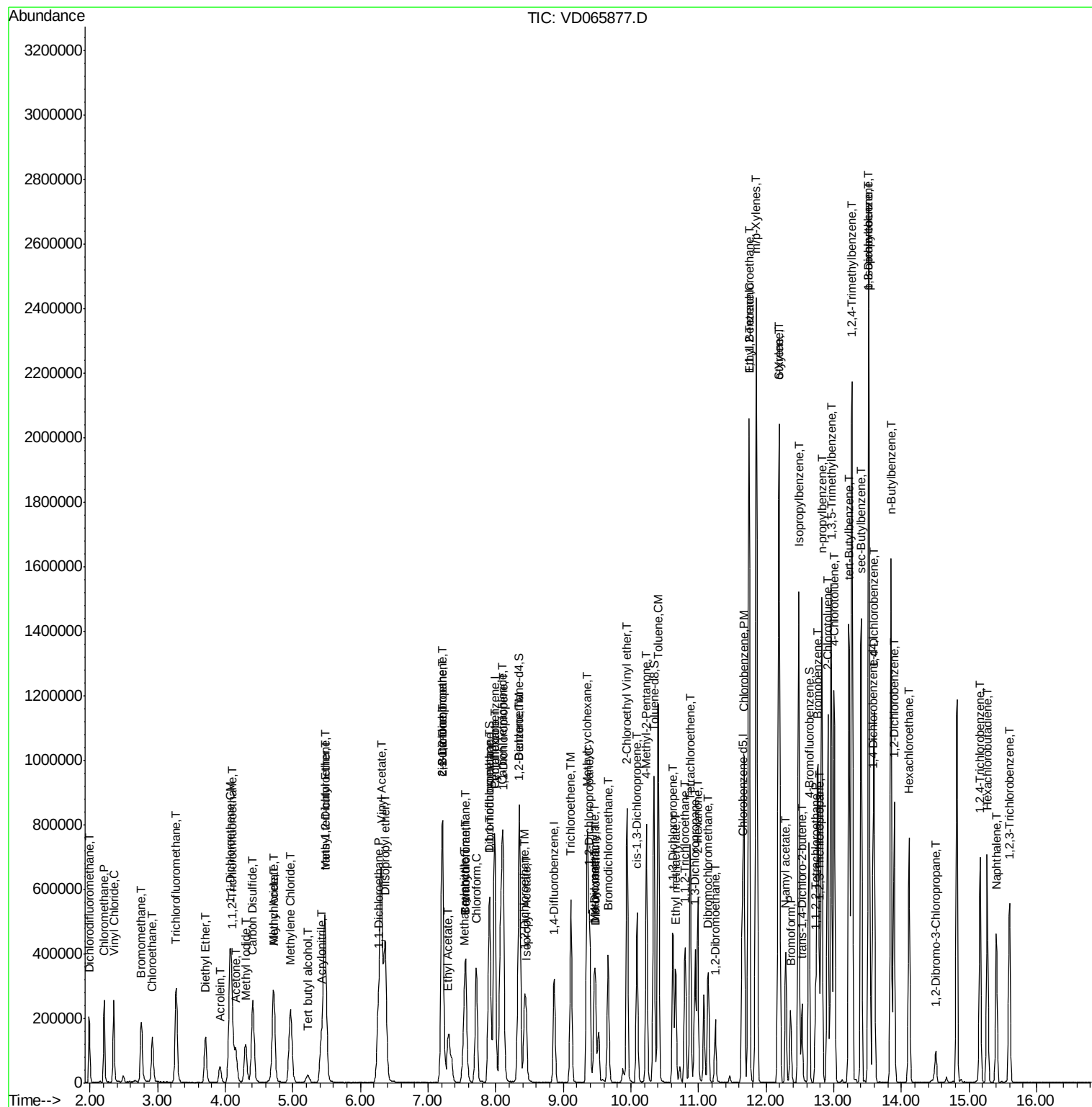
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	217633	93.677	ug/l	100
94) Hexachlorobutadiene	15.27	225	122446	95.799	ug/l	98
95) Naphthalene	15.41	128	399646	98.809	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	181974	94.807	ug/l	98

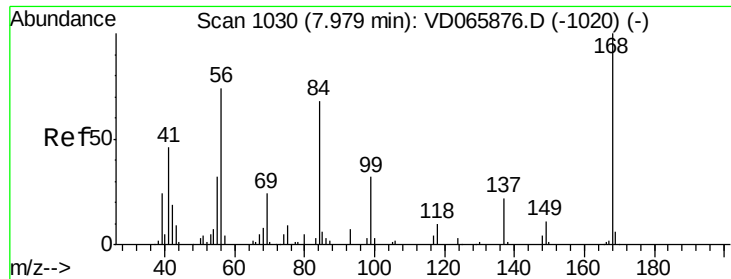
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062620\
 Data File : VD065877.D
 Acq On : 26 Jun 2020 12:32
 Operator : VA/SY
 Sample : VSTDIC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Quant Time: Jun 26 18:48:19 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#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 :

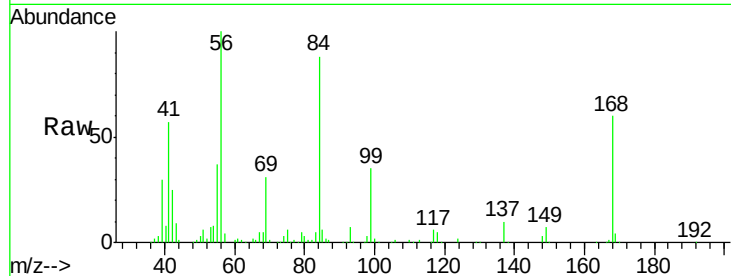
VSTDIC100

Tot Ion:168 Resp: 171016

Ion Ratio Lower Upper

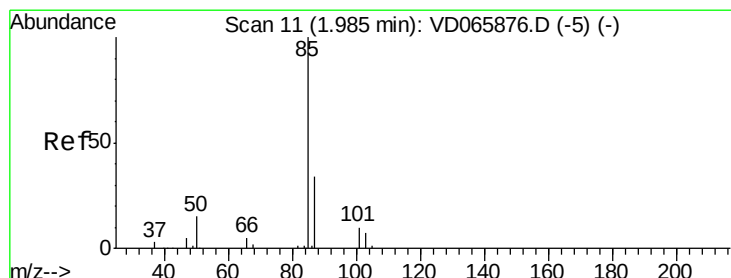
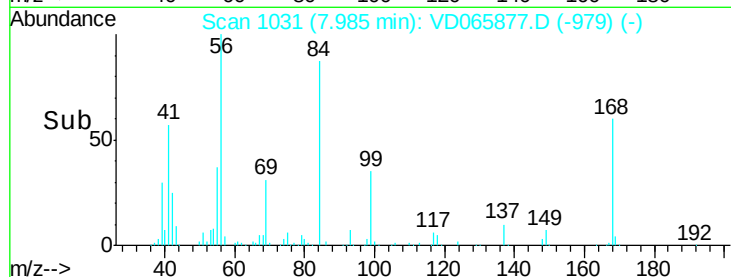
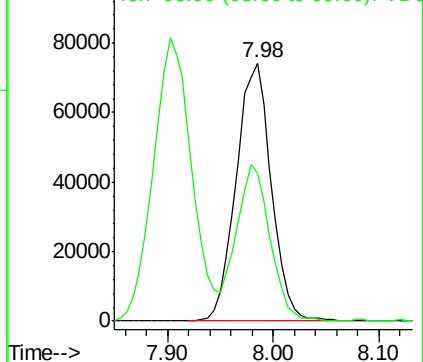
168 100

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

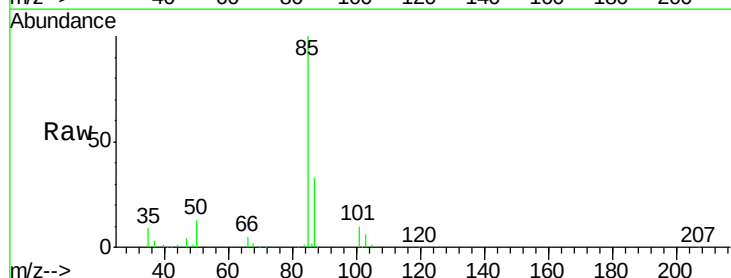
Acq: 26 Jun 2020 12:32

Tgt Ion: 85 Resp: 144662

Ion Ratio Lower Upper

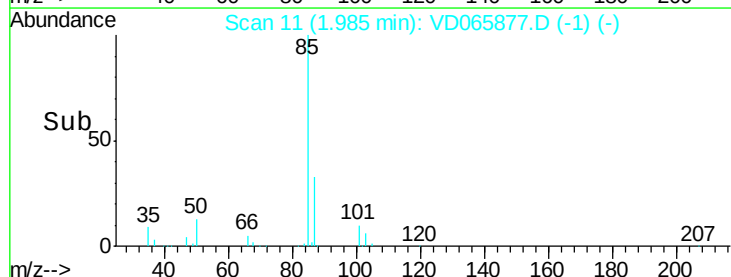
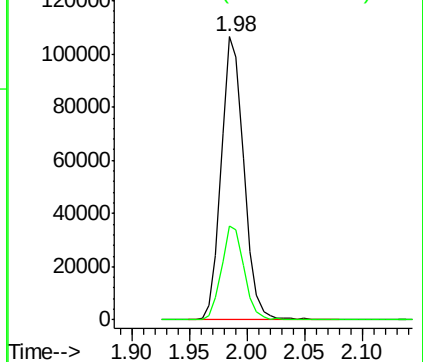
85 100

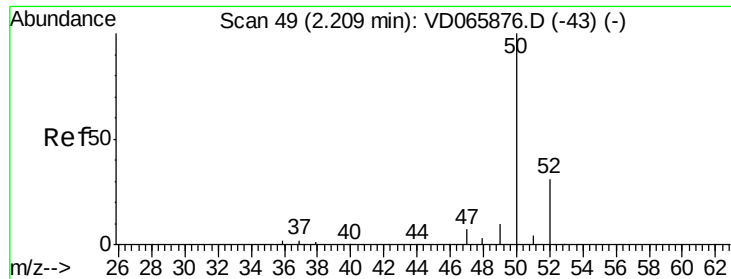
87 33.2 17.3 51.7



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 :

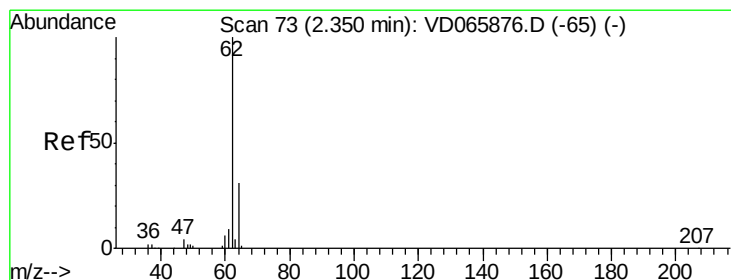
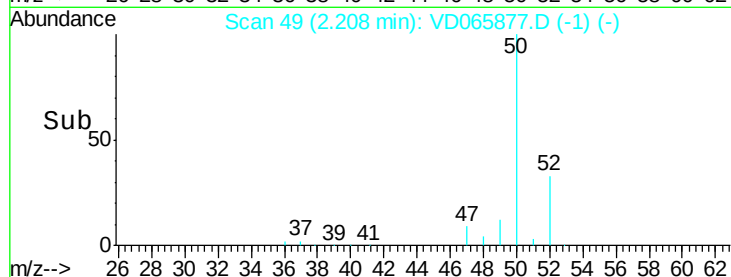
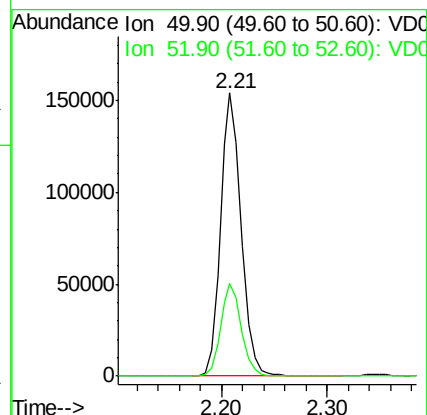
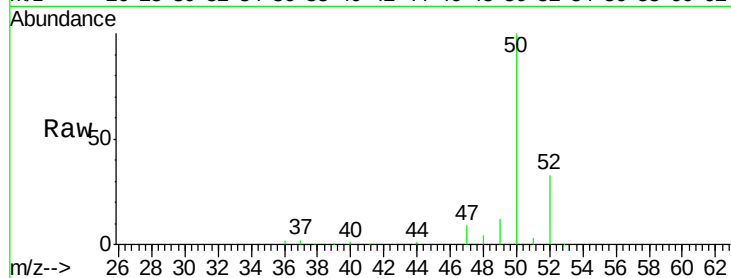
VSTDIC100

Tot Ion: 50 Resp: 210276

Ion Ratio Lower Upper

50 100

52 32.6 24.7 37.1



#4

Vinyl Chloride

Concen: 92.964 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065877.D

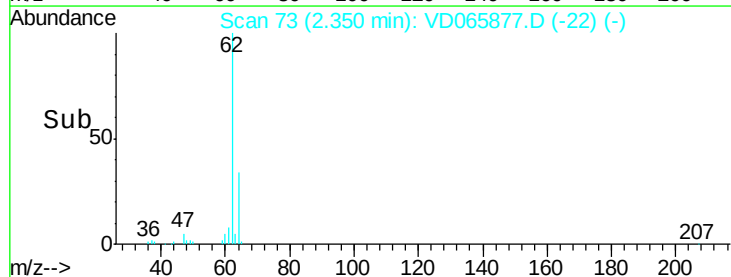
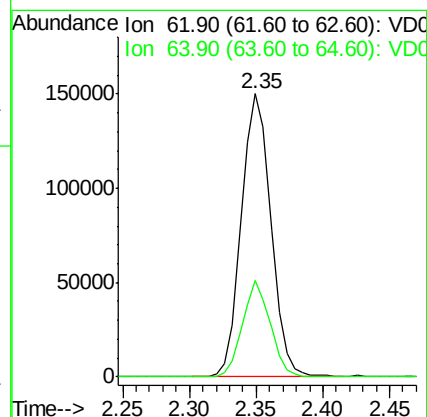
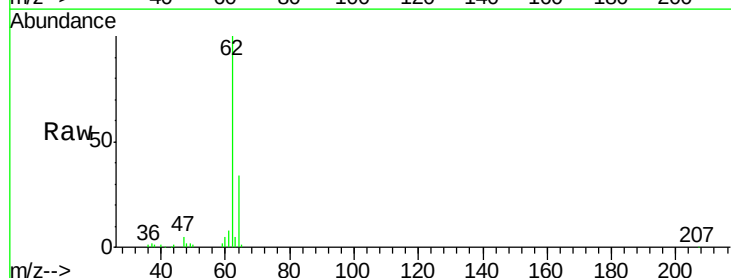
Acq: 26 Jun 2020 12:32

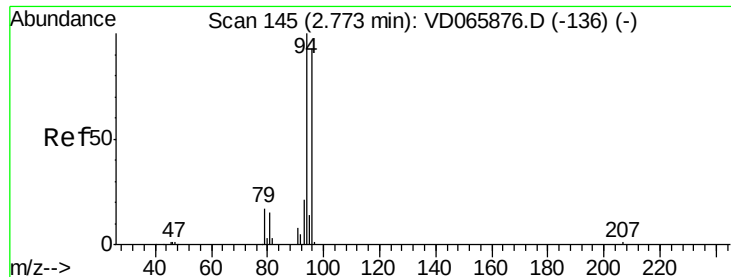
Tgt Ion: 62 Resp: 230903

Ion Ratio Lower Upper

62 100

64 34.2 25.0 37.4





#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 :

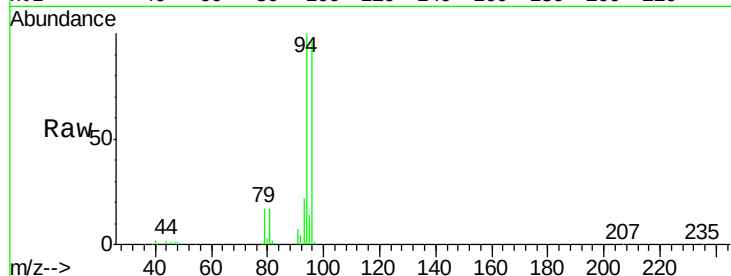
VSTDIC100

Tot Ion: 94 Resp: 144561

Ion Ratio Lower Upper

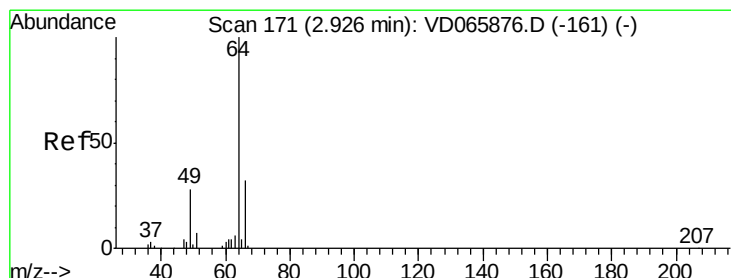
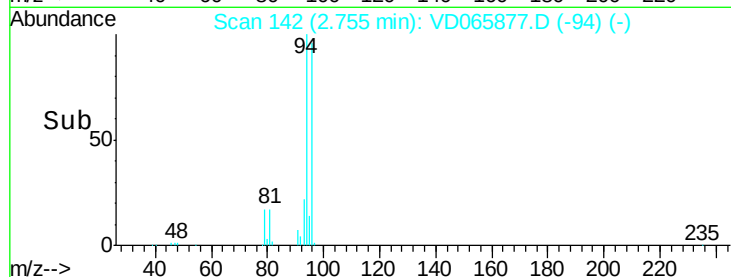
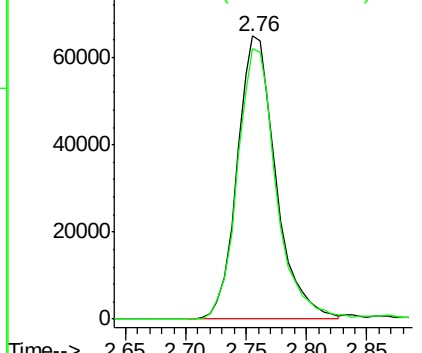
94 100

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

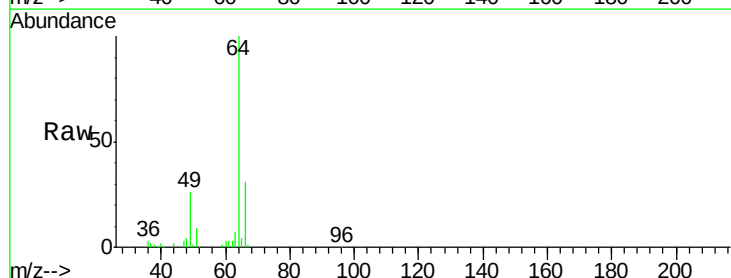
Acq: 26 Jun 2020 12:32

Tgt Ion: 64 Resp: 146128

Ion Ratio Lower Upper

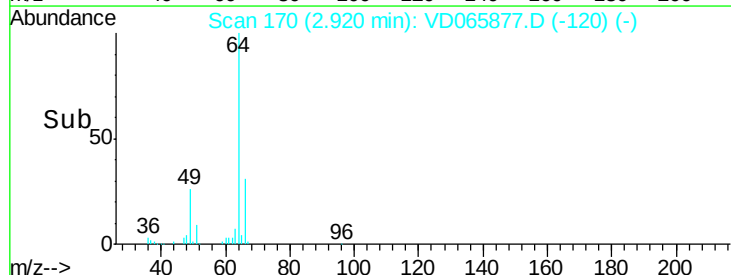
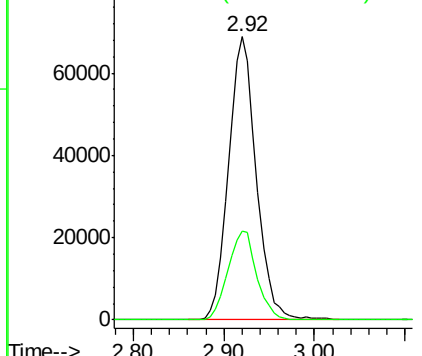
64 100

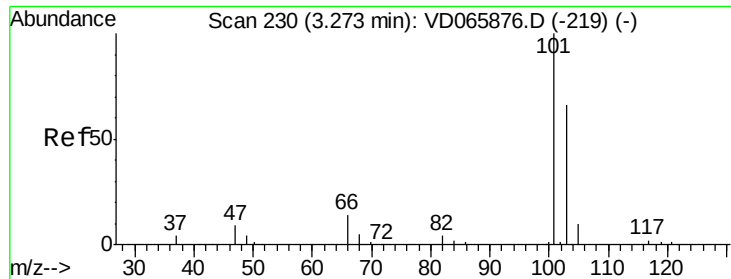
66 31.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



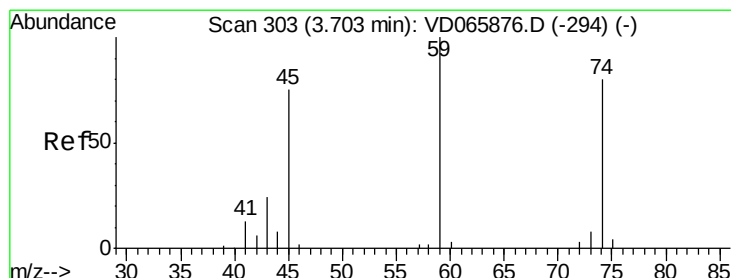
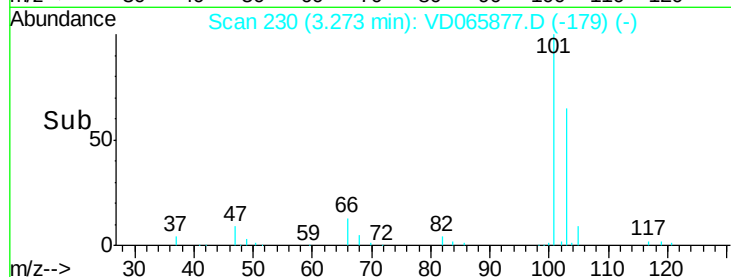
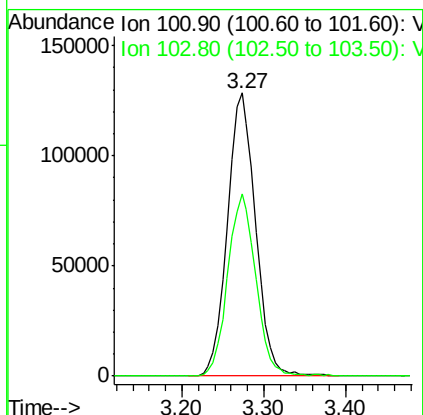
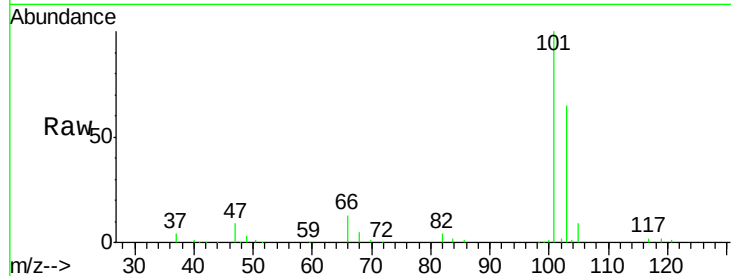


#7

Trichlorofluoromethane
Concen: 95.893 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

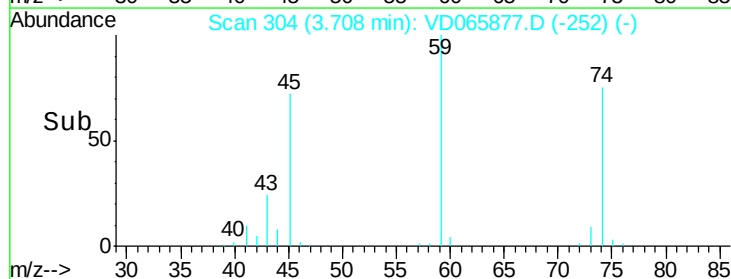
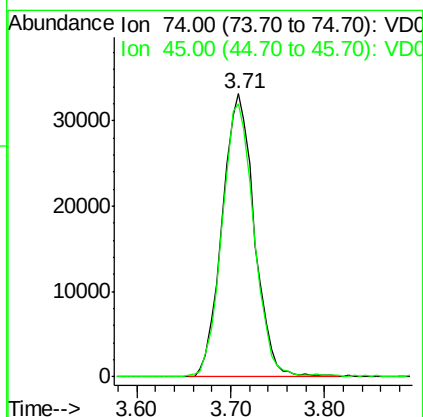
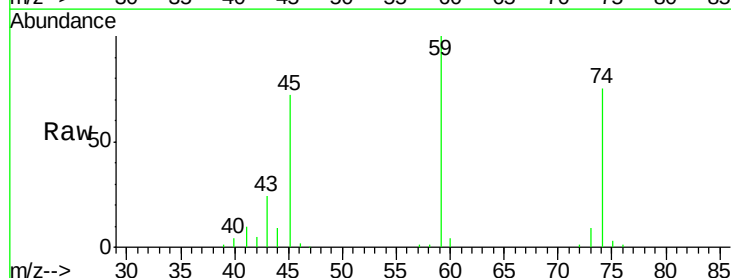
Tot Ion:101 Resp: 306910
Ion Ratio Lower Upper
101 100
103 64.5 52.9 79.3

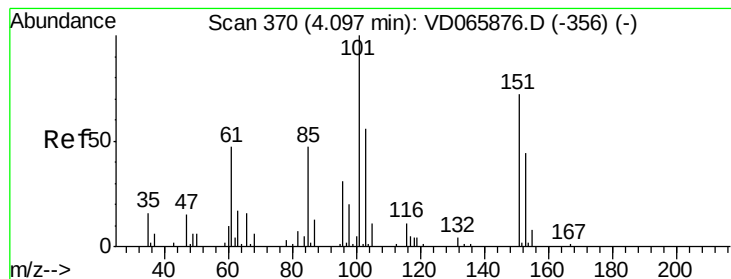


#8

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

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

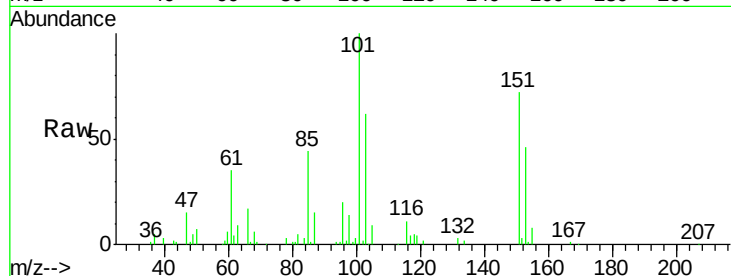
Tot Ion:101 Resp: 170182

Ion Ratio Lower Upper

101 100

85 45.8 38.6 58.0

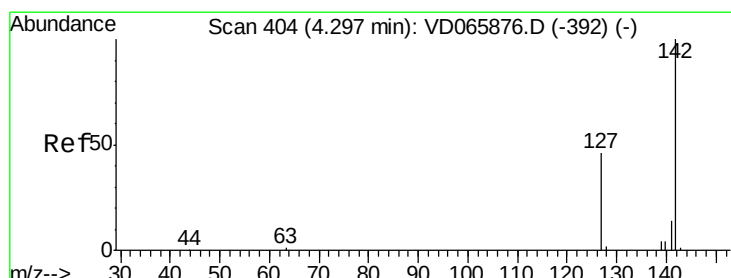
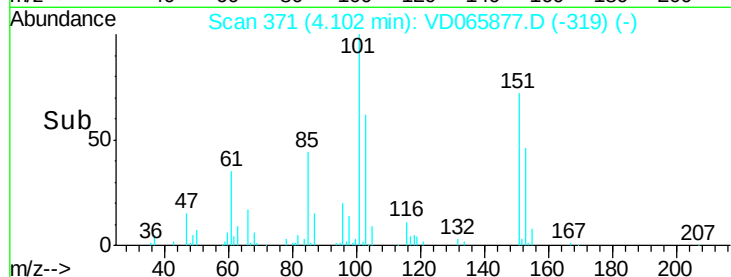
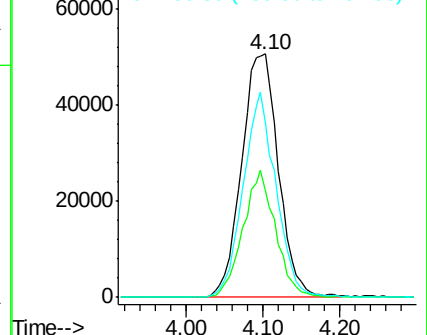
151 74.8 60.7 91.1



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

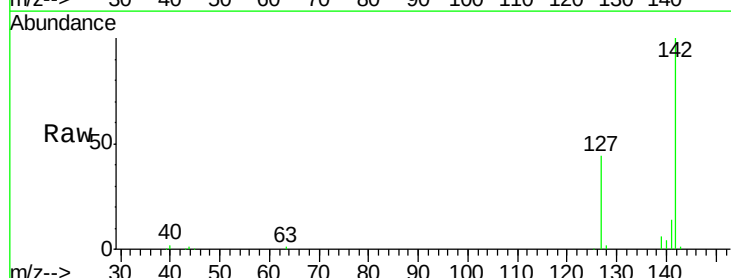
Tgt Ion:142 Resp: 198236

Ion Ratio Lower Upper

142 100

127 46.7 39.0 58.6

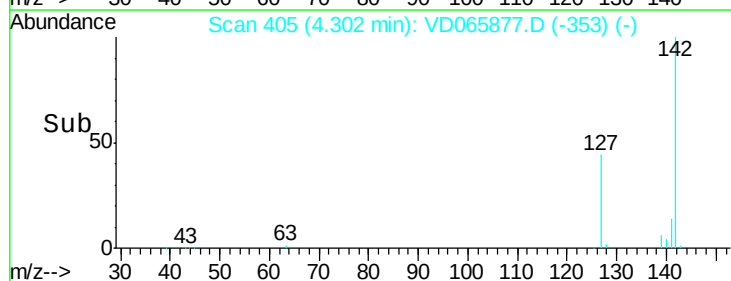
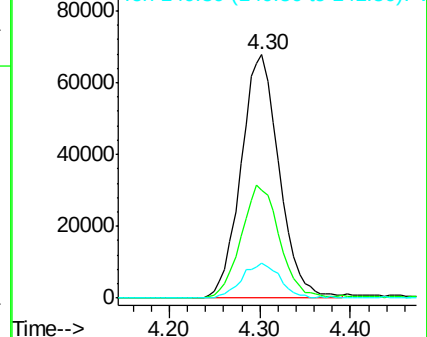
141 14.5 11.5 17.3

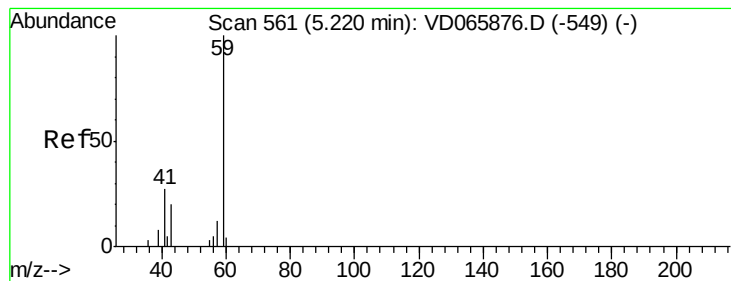


Abundance Ion 141.80 (141.50 to 142.50): V

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 :

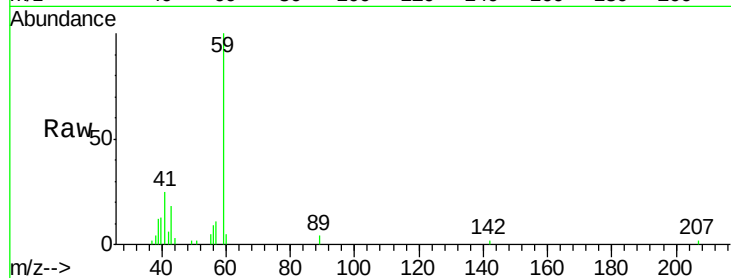
VSTDIC100

Tot Ion: 59 Resp: 41458

Ion Ratio Lower Upper

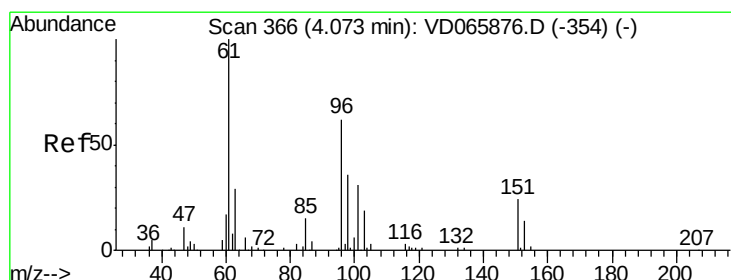
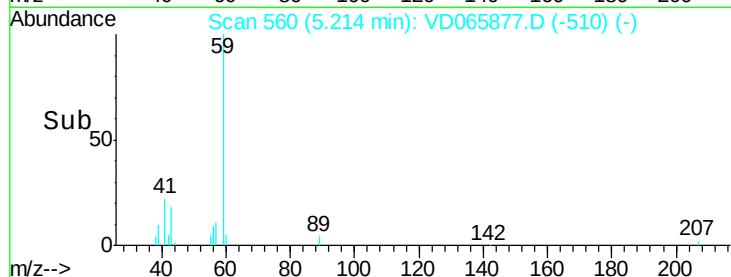
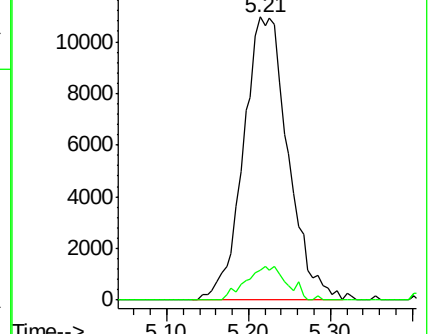
59 100

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

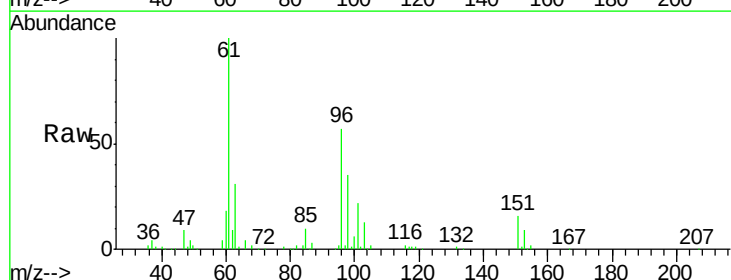
Tgt Ion: 96 Resp: 159682

Ion Ratio Lower Upper

96 100

61 175.1 128.3 192.5

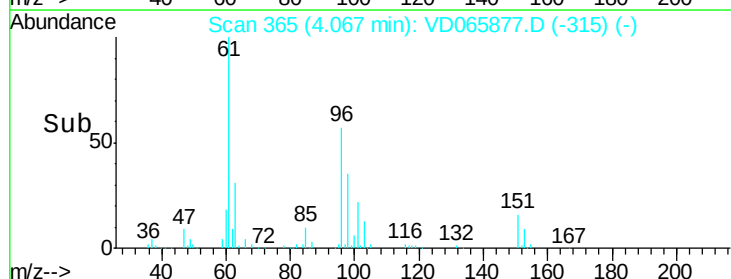
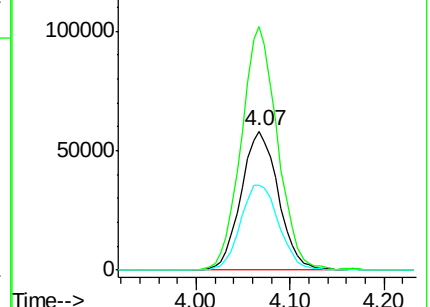
98 61.5 46.2 69.2

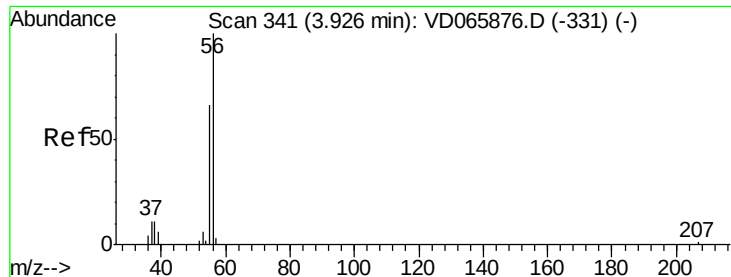


Abundance Ion 95.90 (95.60 to 96.60): VDC

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 :

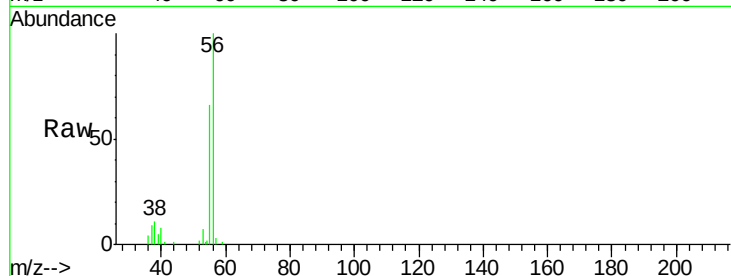
VSTDIC100

Tot Ion: 56 Resp: 59832

Ion Ratio Lower Upper

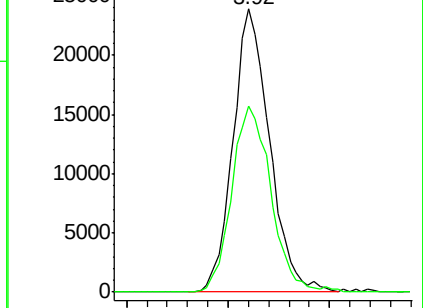
56 100

55 70.2 58.1 87.1

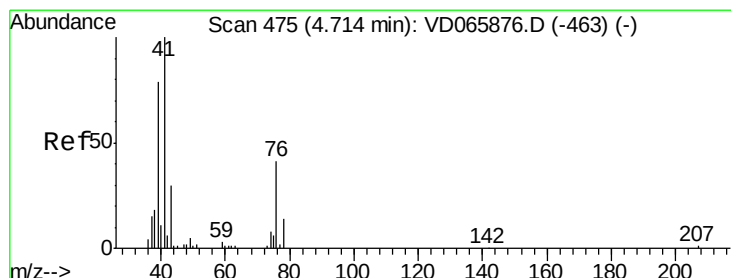
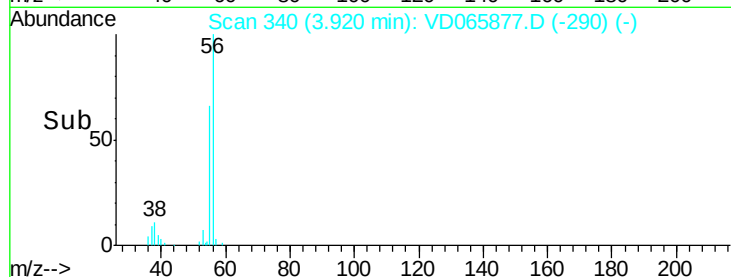


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



Time--> 3.80 3.90 4.00



#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

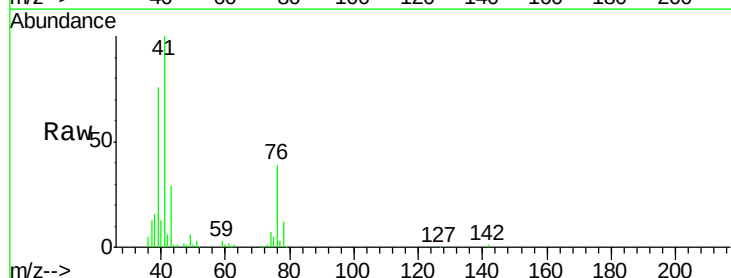
Tgt Ion: 41 Resp: 265884

Ion Ratio Lower Upper

41 100

39 77.1 63.8 95.8

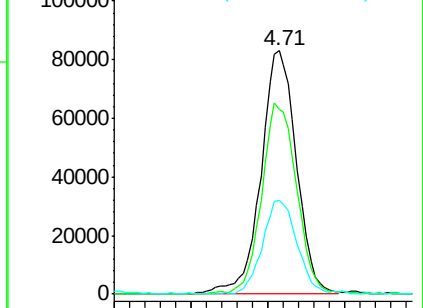
76 37.2 32.2 48.4



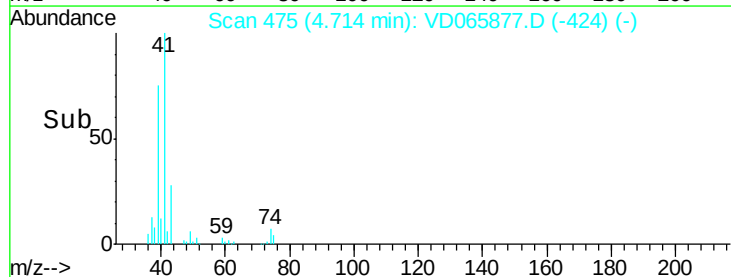
Abundance Ion 41.00 (40.70 to 41.70): VDC

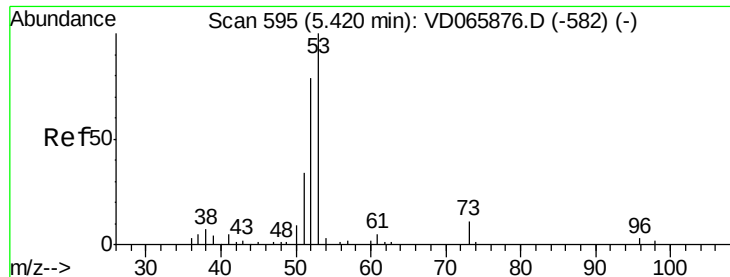
Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC



Time--> 4.50 4.60 4.70 4.80





#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

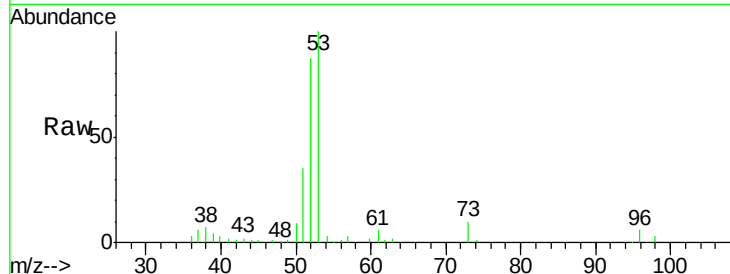
Tot Ion: 53 Resp: 170785

Ion Ratio Lower Upper

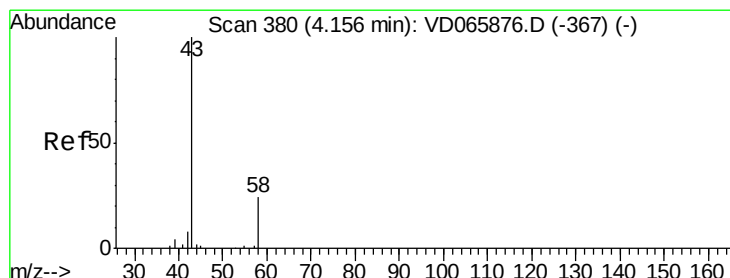
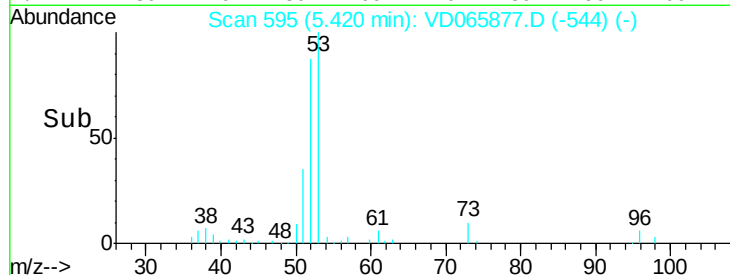
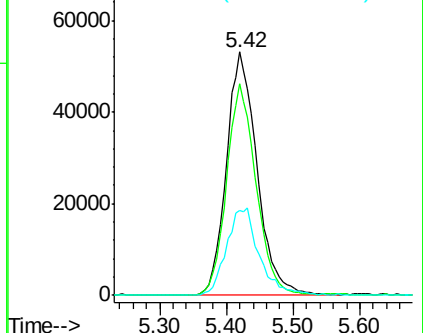
53 100

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

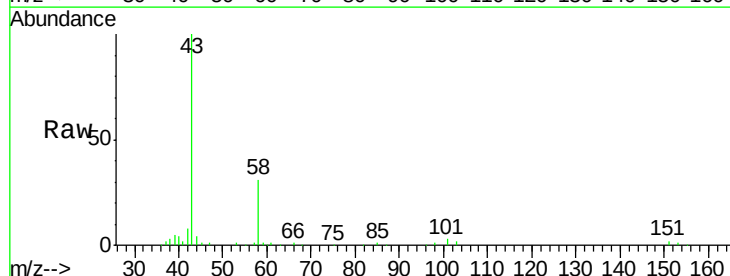
Acq: 26 Jun 2020 12:32

Tgt Ion: 43 Resp: 168684

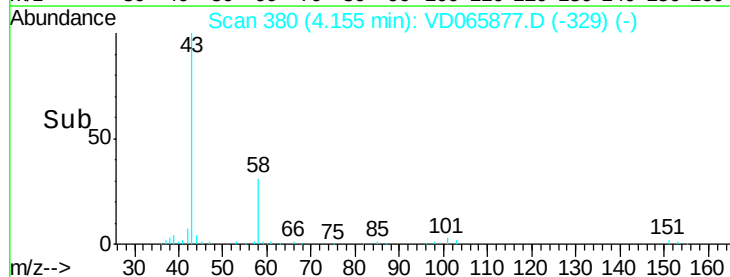
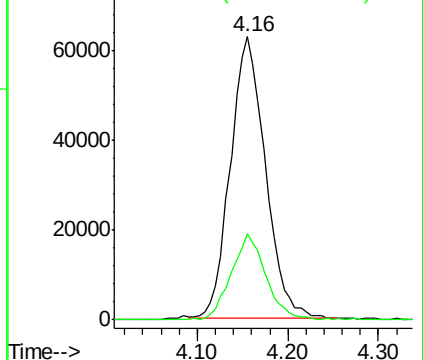
Ion Ratio Lower Upper

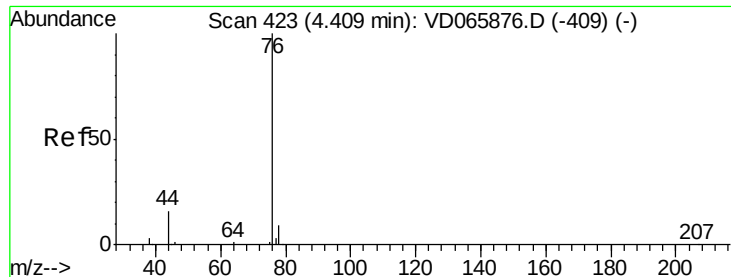
43 100

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

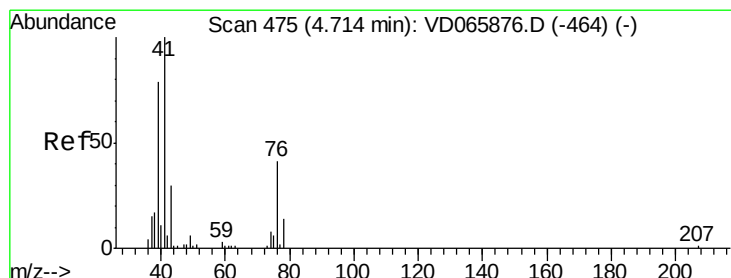
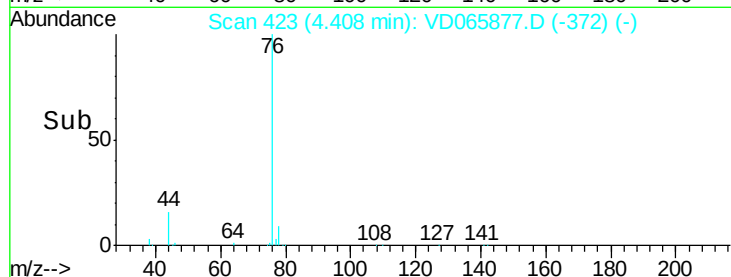
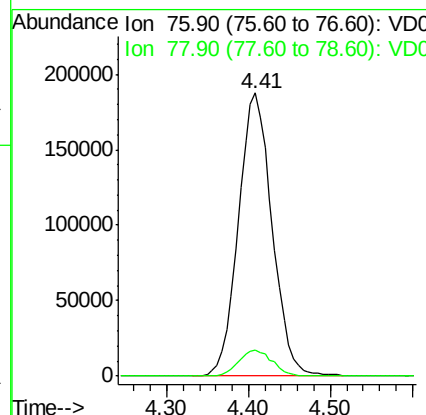
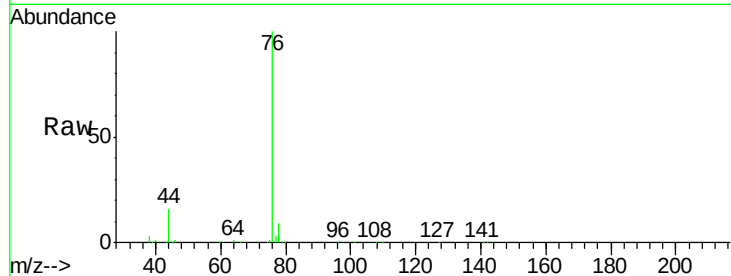




#17
Carbon Disulfide
Concen: 95.469 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

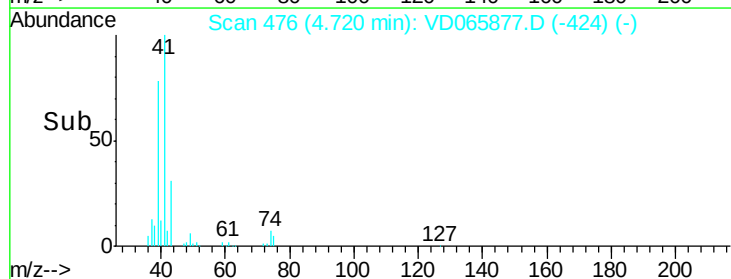
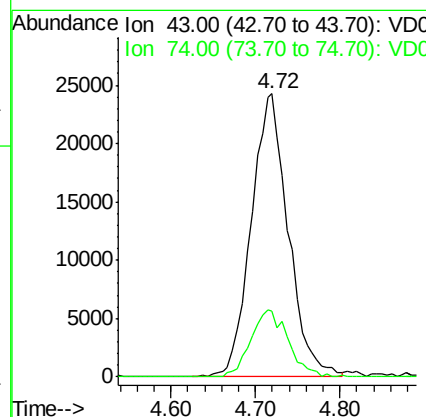
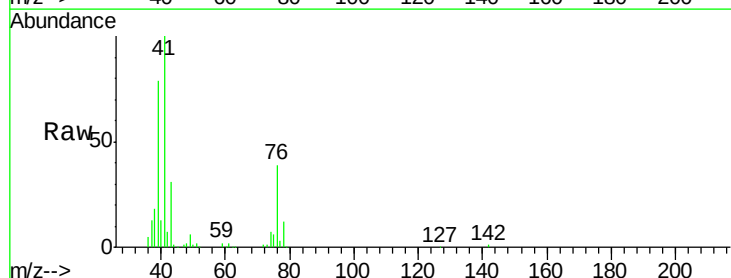
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

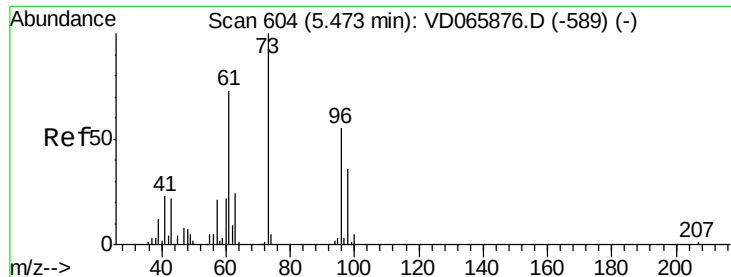
Tot Ion: 76 Resp: 535569
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#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

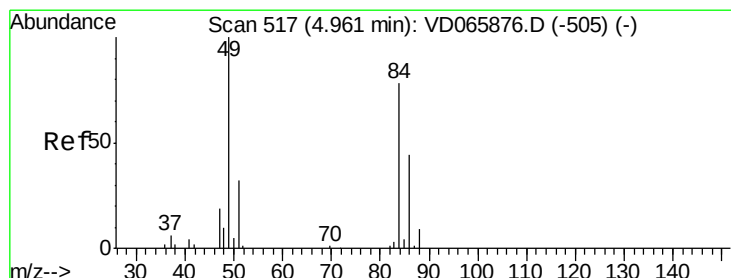
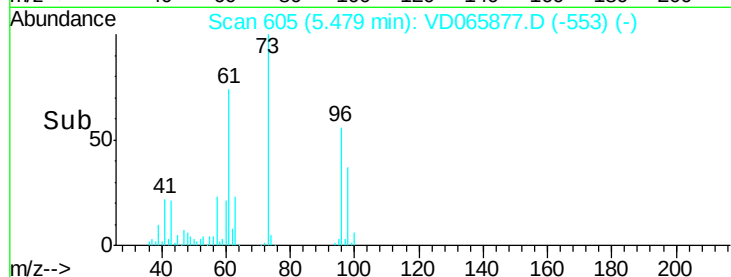
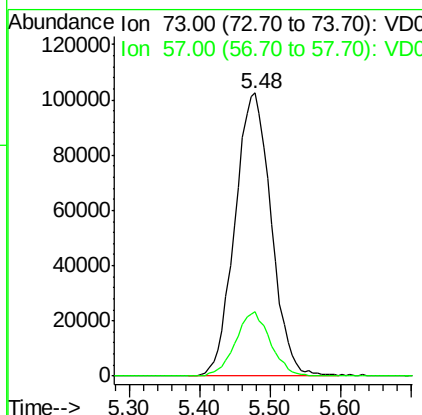
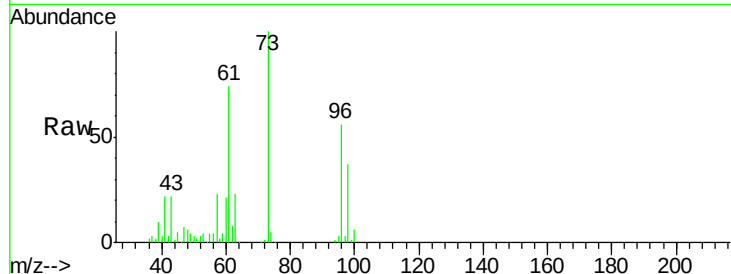




#19
Methyl tert-butyl Ether
Concen: 100.596 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

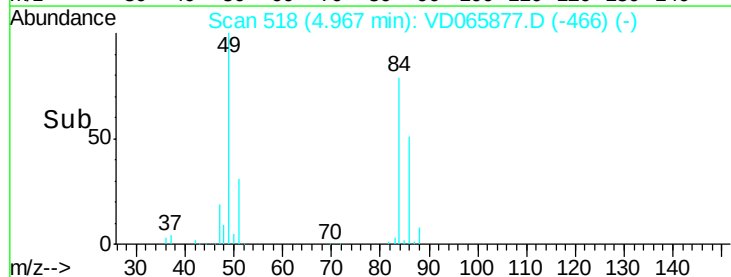
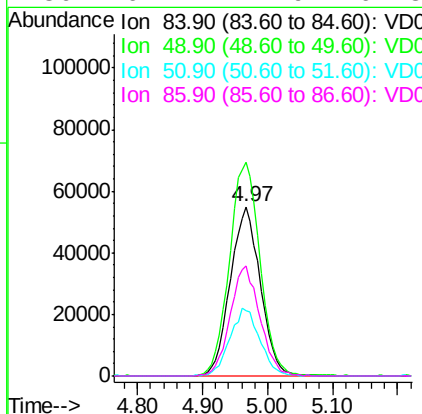
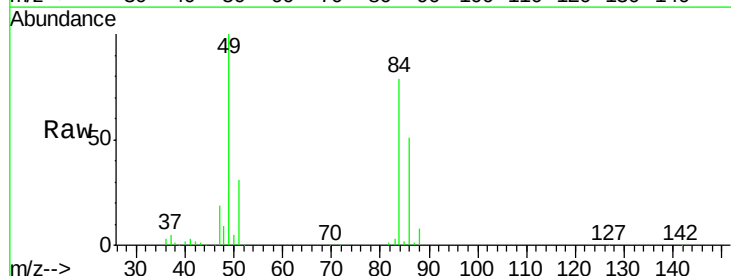
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

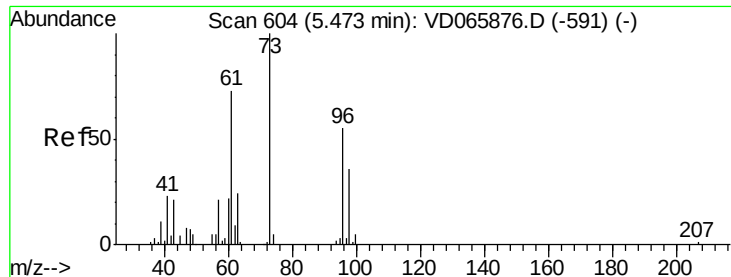
Tot Ion: 73 Resp: 366655
Ion Ratio Lower Upper
73 100
57 22.8 17.0 25.4



#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

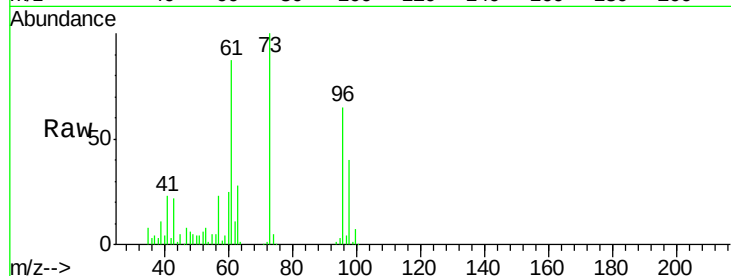
Tot Ion: 96 Resp: 187505

Ion Ratio Lower Upper

96 100

61 134.3 107.0 160.4

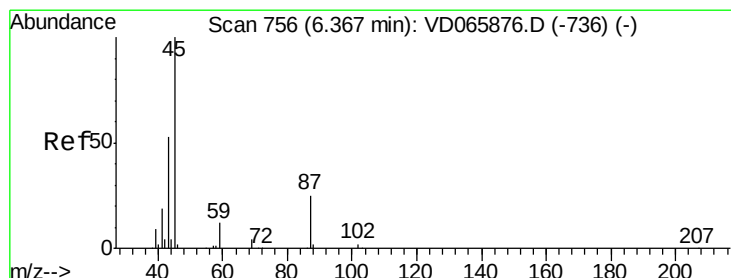
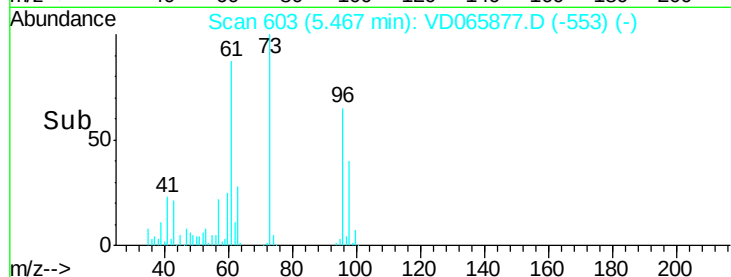
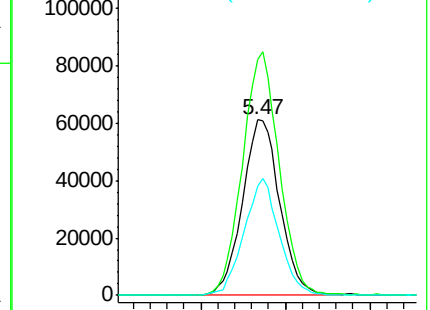
98 62.3 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 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

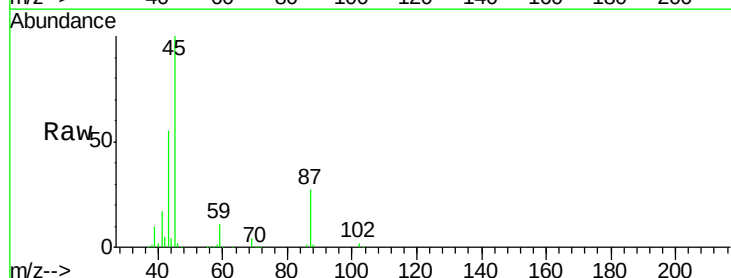
Ion Ratio Lower Upper

45 100

43 54.0 43.4 65.0

87 26.8 19.8 29.8

59 11.5 9.9 14.9

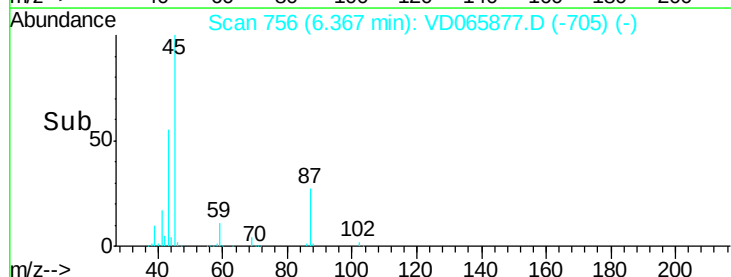
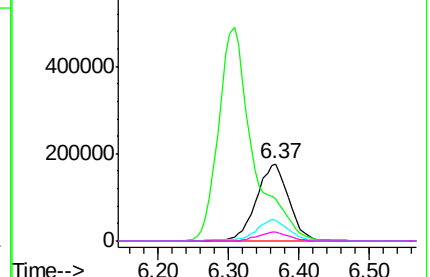


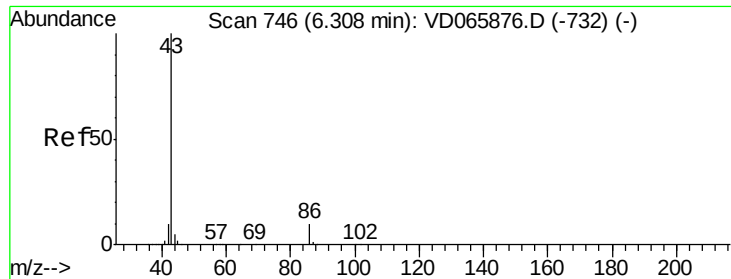
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 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 :

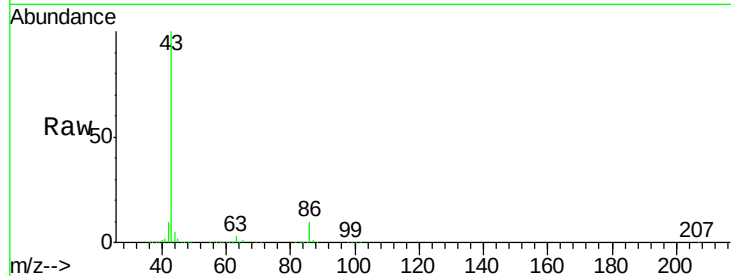
VSTDIC100

Tot Ion: 43 Resp: 1655974

Ion Ratio Lower Upper

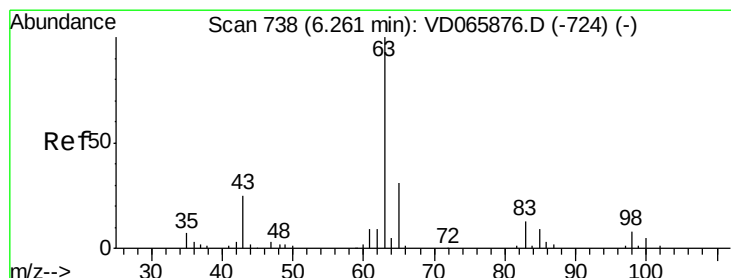
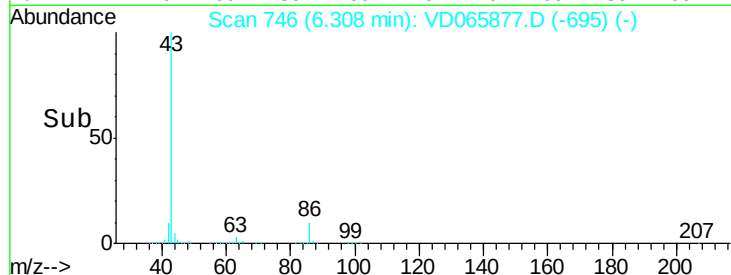
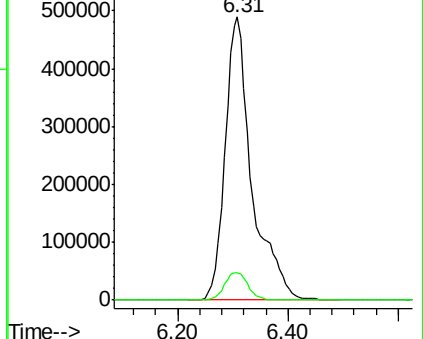
43 100

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

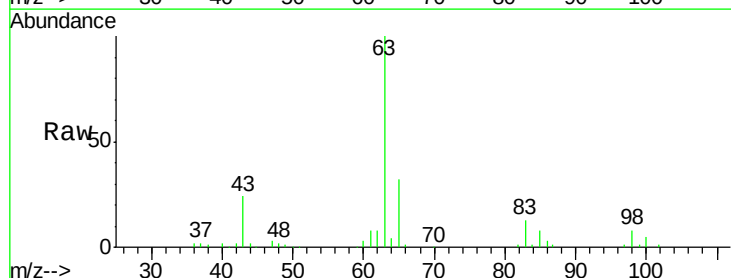
Tgt Ion: 63 Resp: 323042

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

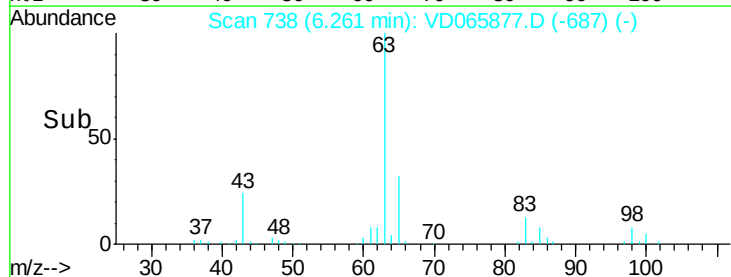
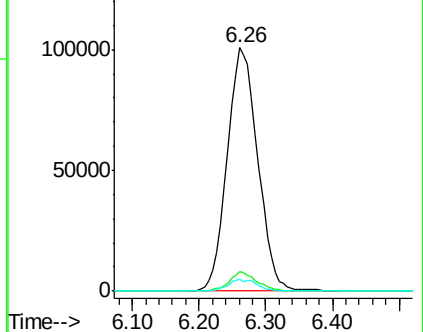
100 4.8 2.4 7.2

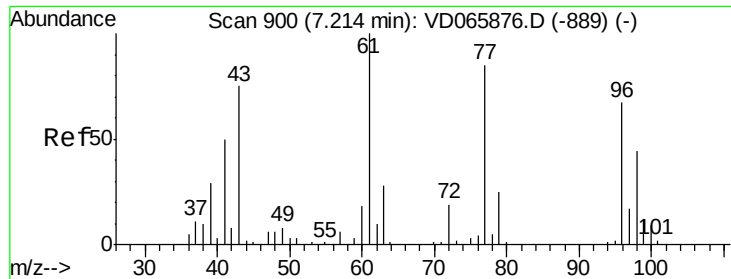


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

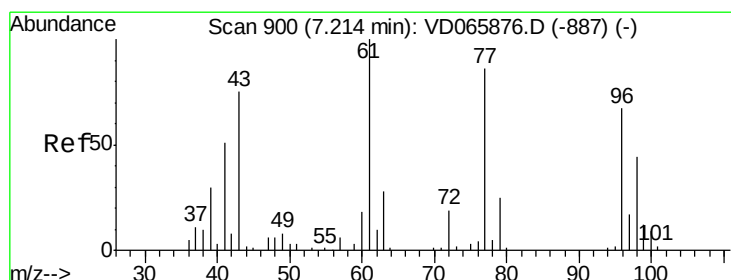
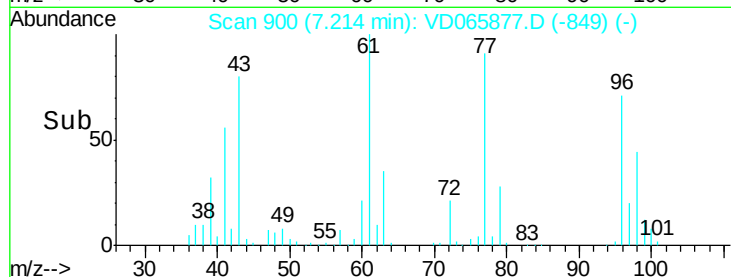
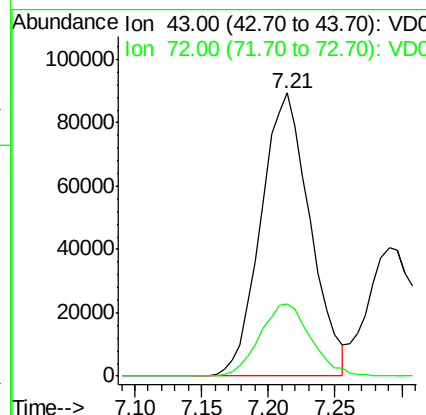
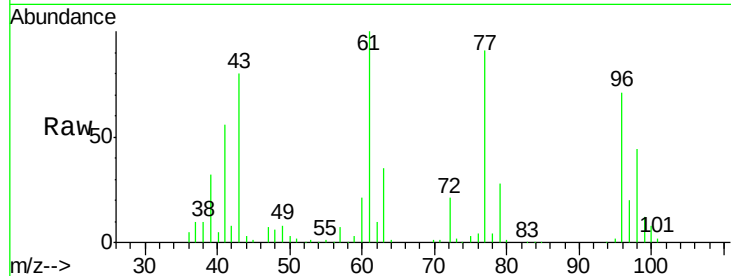




#25
2-Butanone
Concen: 491.570 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

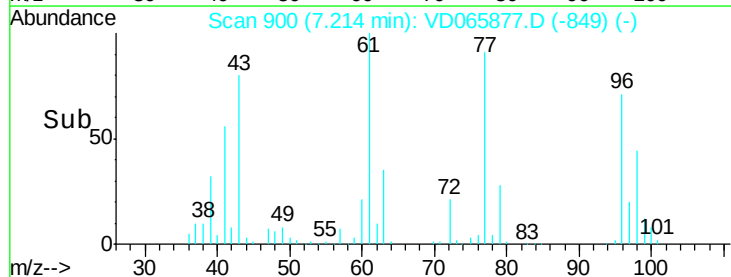
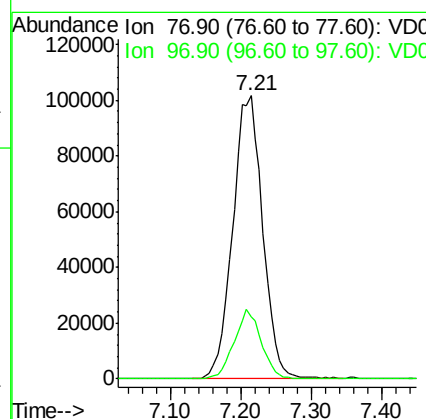
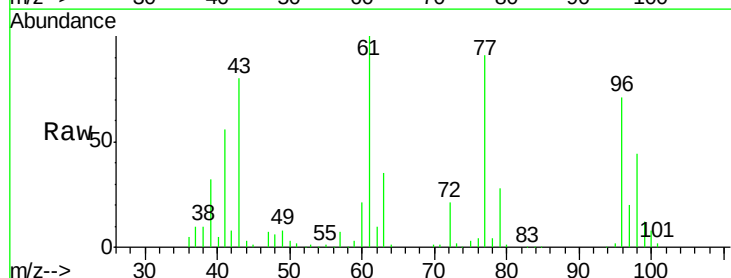
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

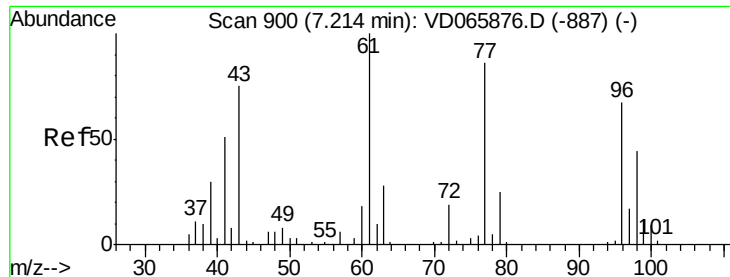
Tot Ion: 43 Resp: 228494
Ion Ratio Lower Upper
43 100
72 25.7 20.6 31.0



#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

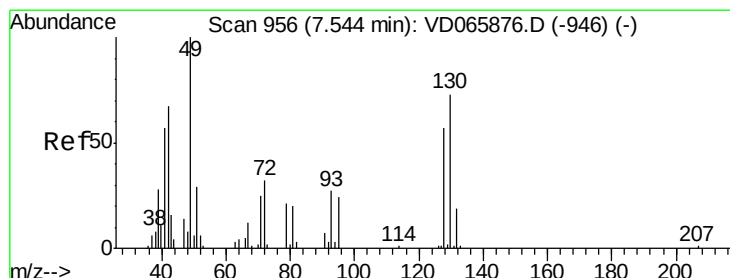
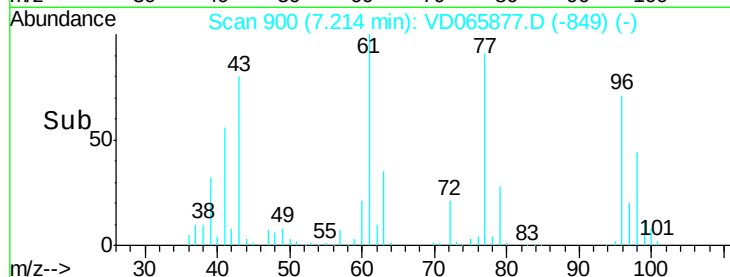
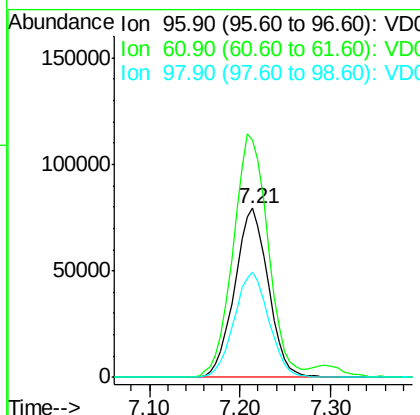
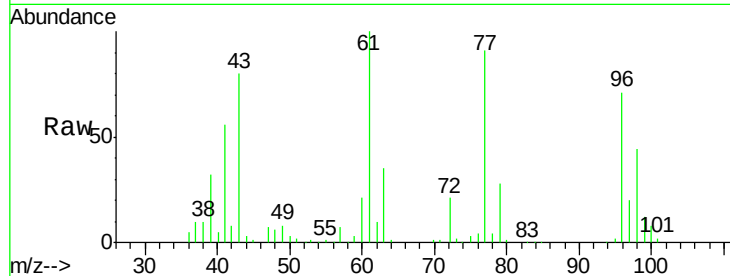




#27
 cis-1,2-Dichloroethene
 Concen: 99.472 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

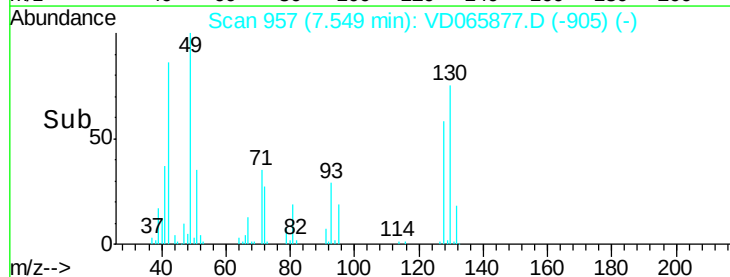
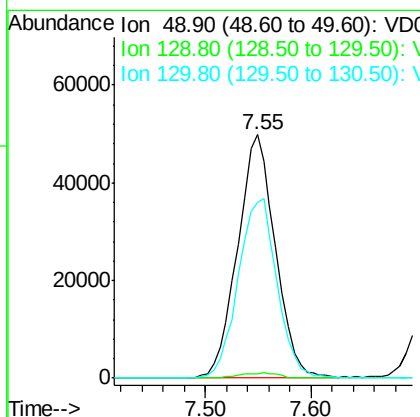
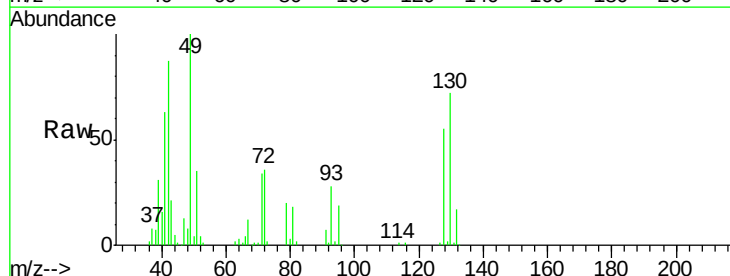
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

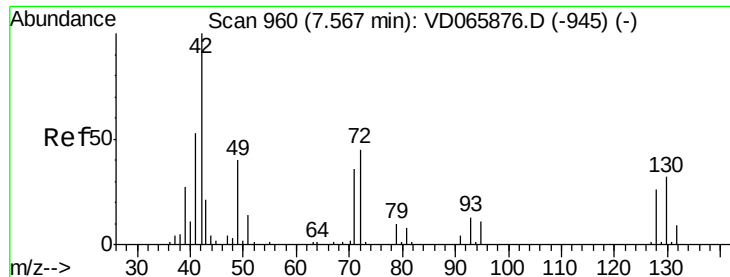
Tot Ion: 96 Resp: 204772
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 297.8
 98 64.1 0.0 129.8



#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

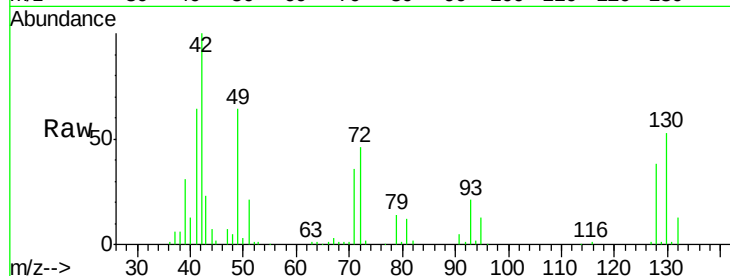




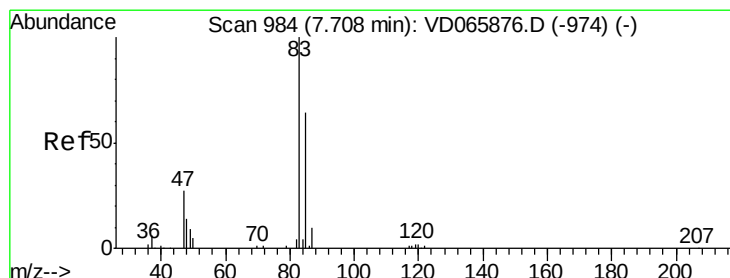
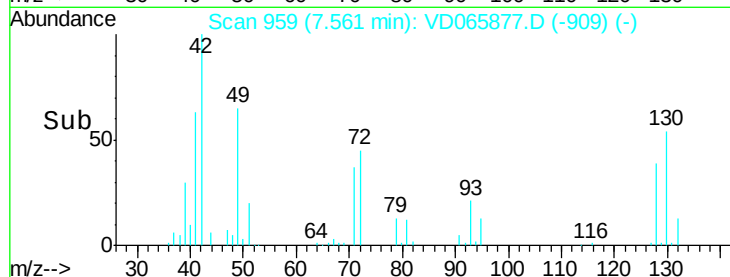
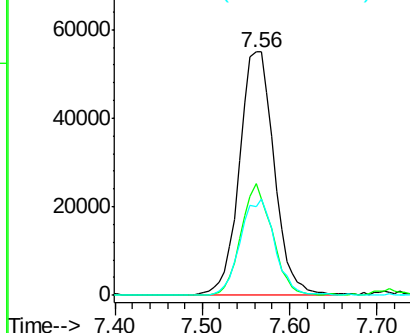
#29
Tetrahydrofuran
Concen: 515.565 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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

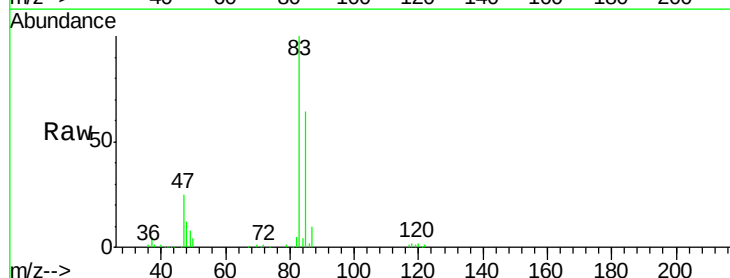


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

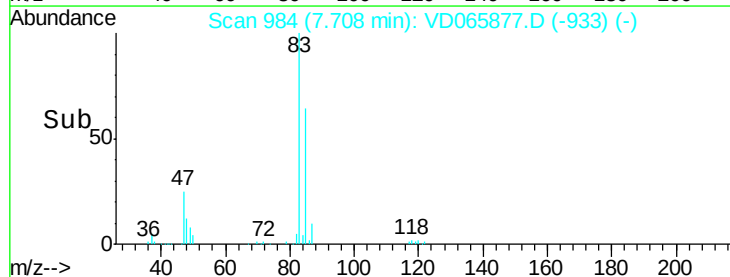
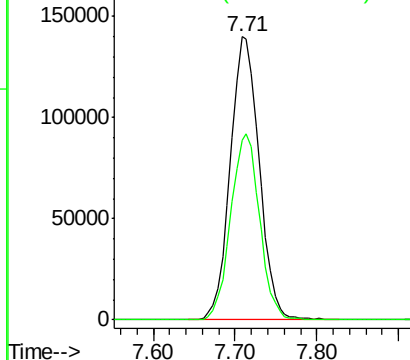


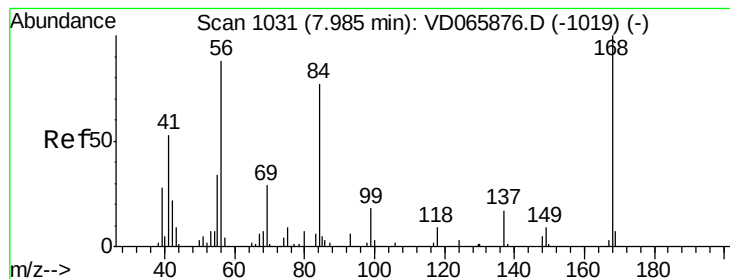
#30
Chloroform
Concen: 99.105 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

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 :

VSTDICC100

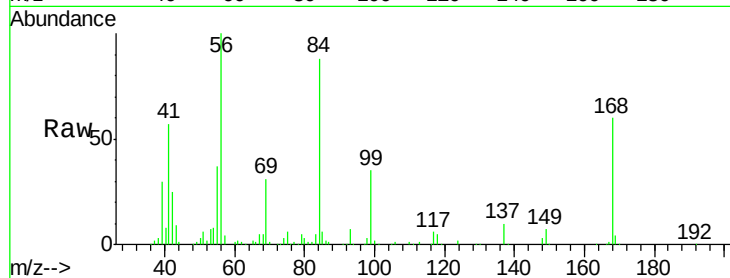
Tot Ion: 56 Resp: 300749

Ion Ratio Lower Upper

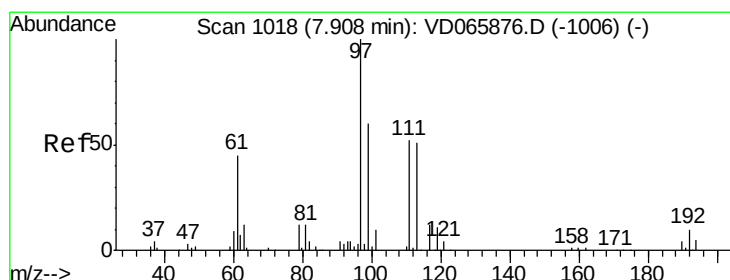
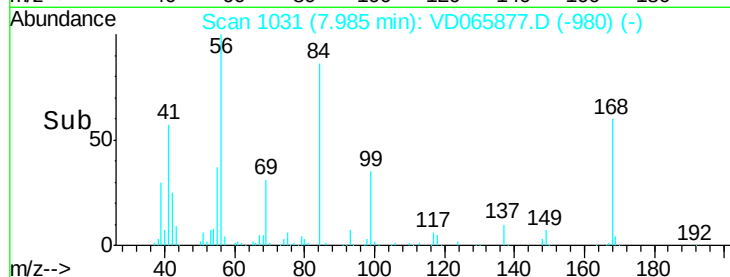
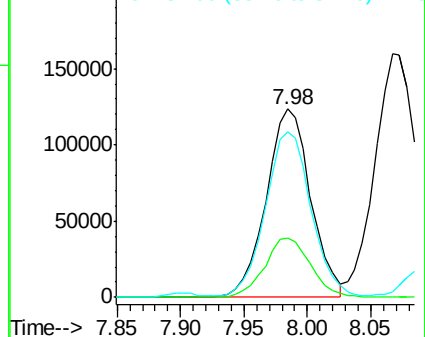
56 100

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

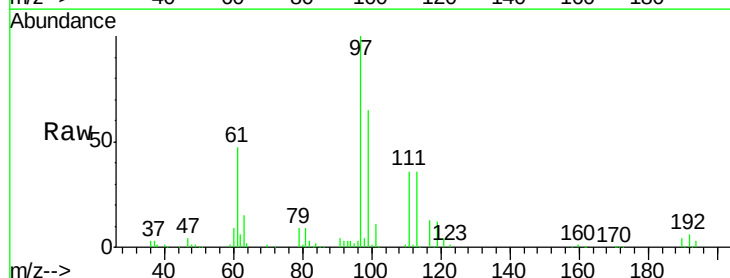
Tgt Ion: 97 Resp: 323392

Ion Ratio Lower Upper

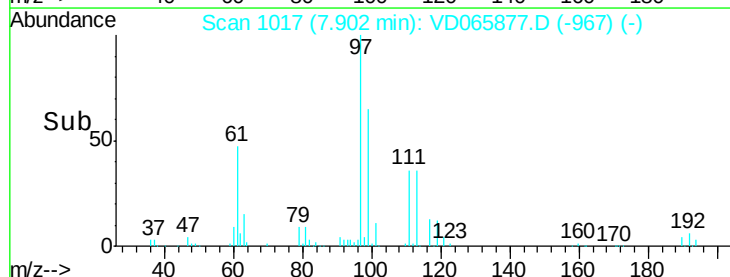
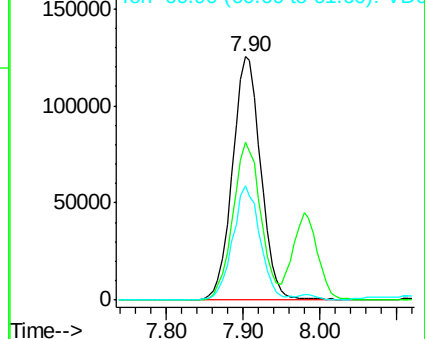
97 100

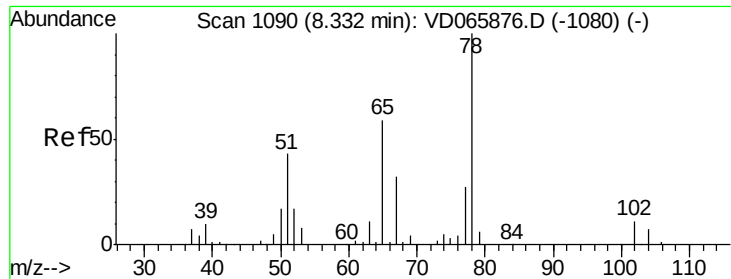
99 64.0 50.2 75.4

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

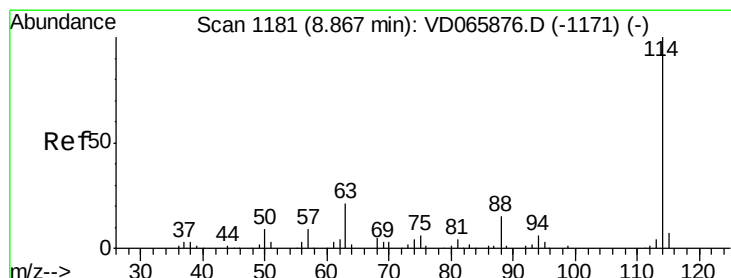
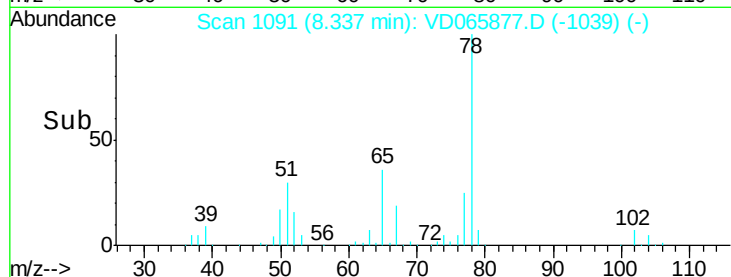
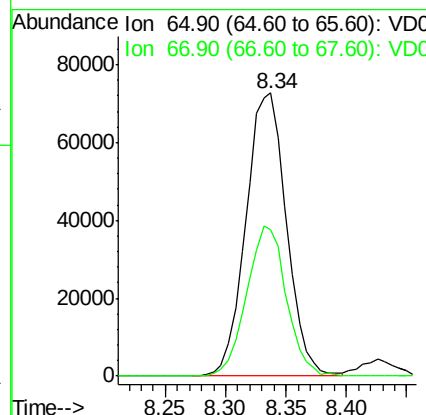
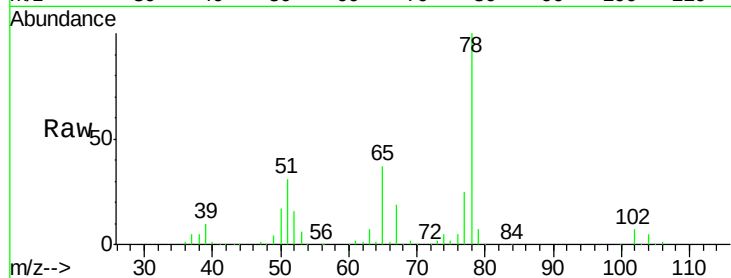




#33
 1,2-Dichloroethane-d4
 Concen: 95.913 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

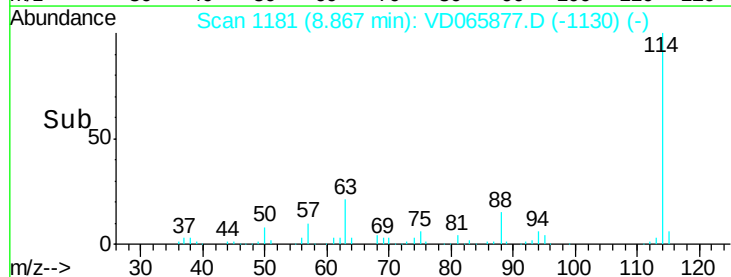
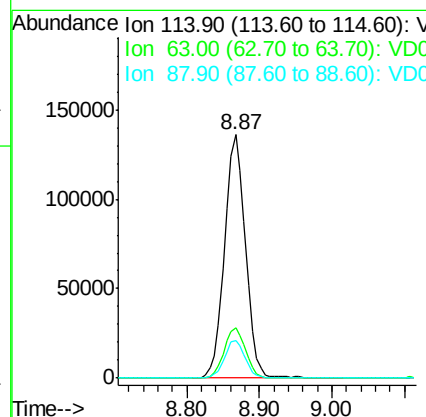
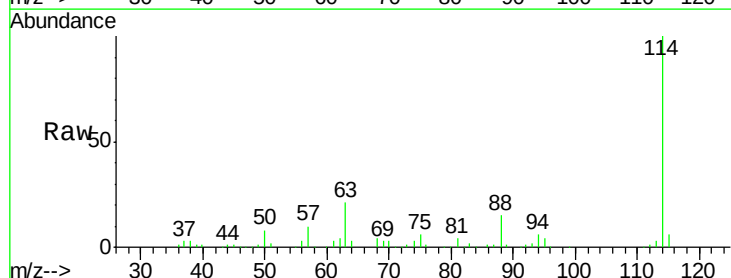
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

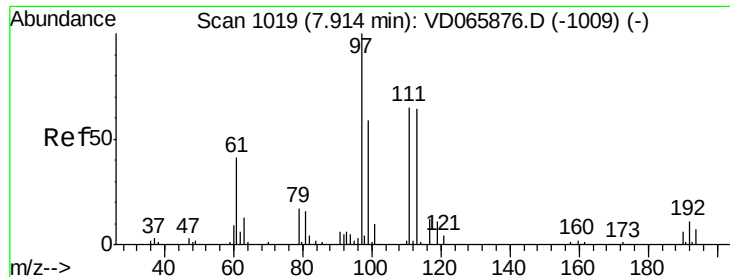
Tot Ion: 65 Resp: 169890
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#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

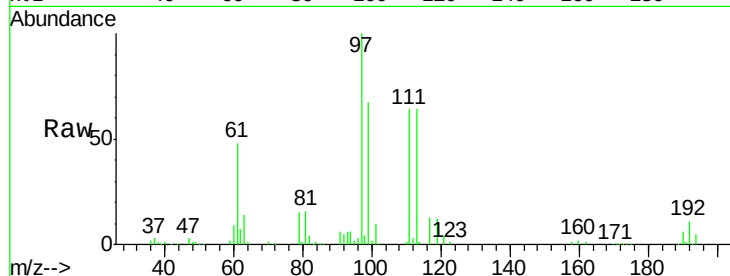
Tot Ion:113 Resp: 164205

Ion Ratio Lower Upper

113 100

111 103.2 81.0 121.6

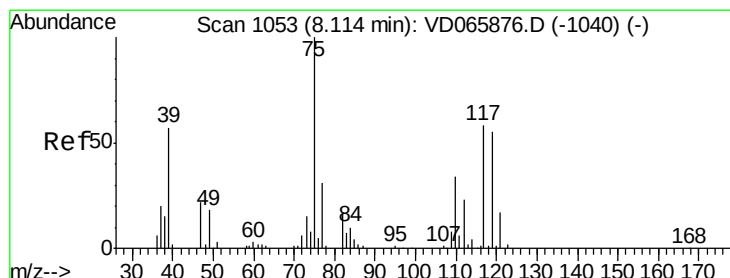
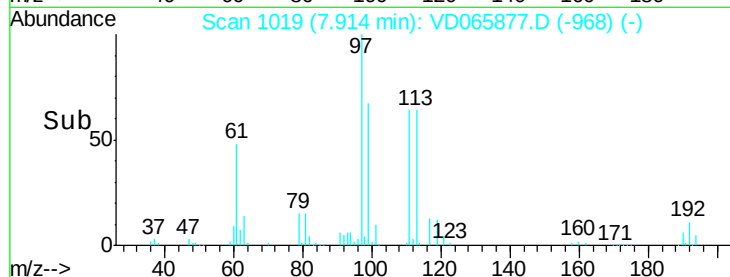
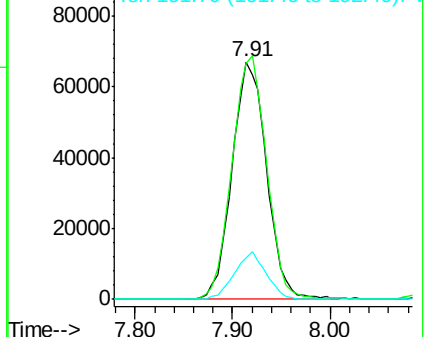
192 18.4 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 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

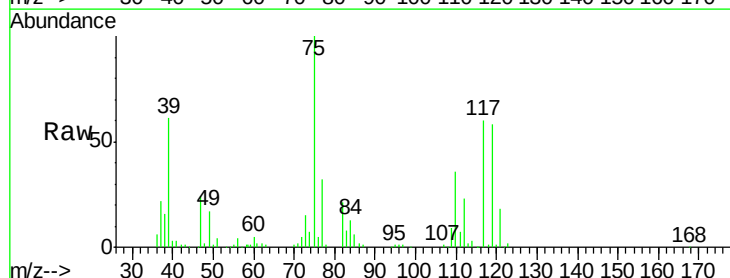
Tgt Ion: 75 Resp: 267766

Ion Ratio Lower Upper

75 100

110 34.7 16.8 50.4

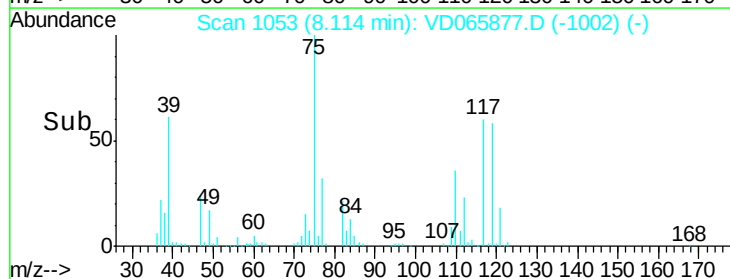
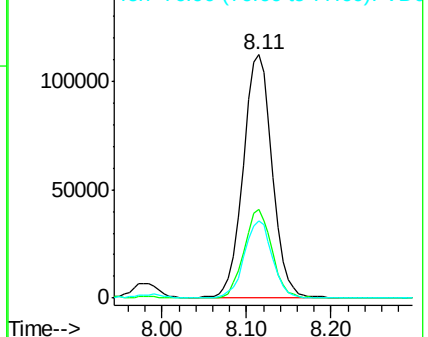
77 31.0 24.0 36.0

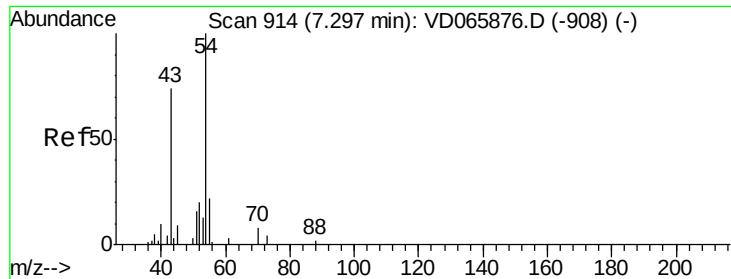


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

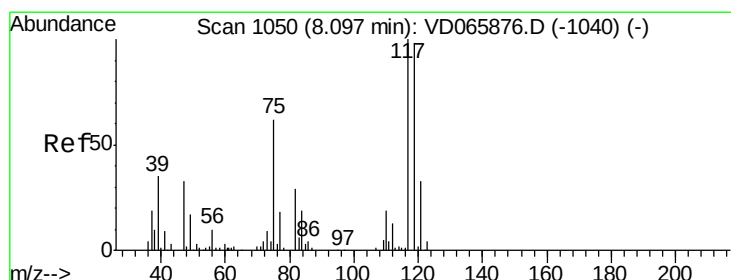
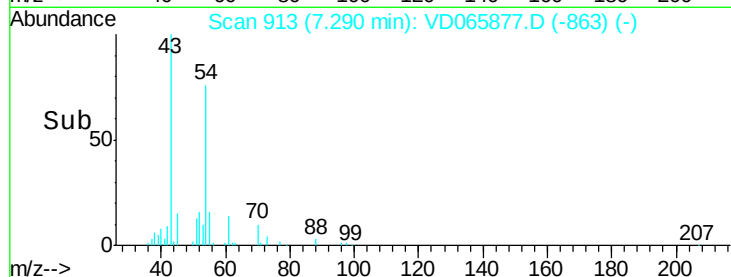
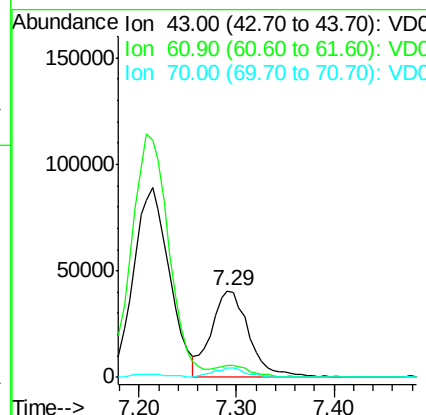
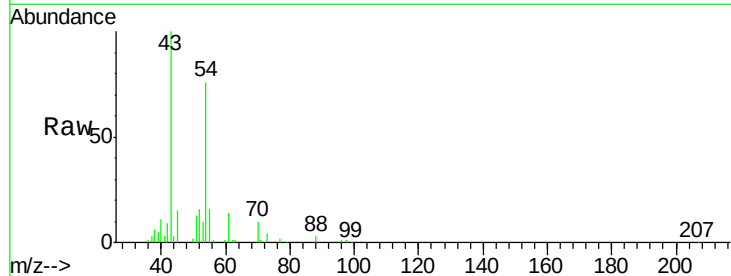




#37
Ethyl Acetate
Concen: 104.996 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

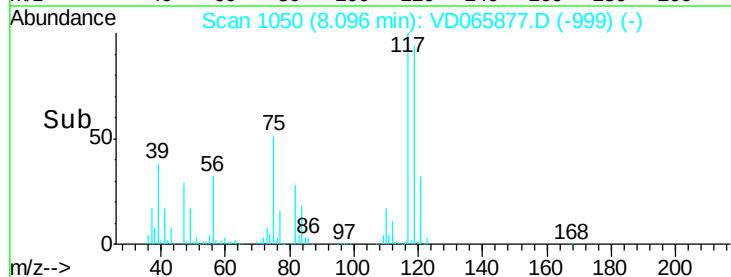
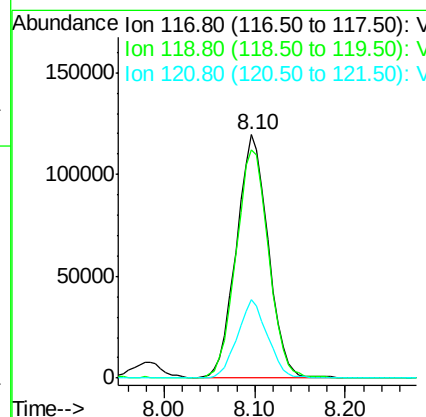
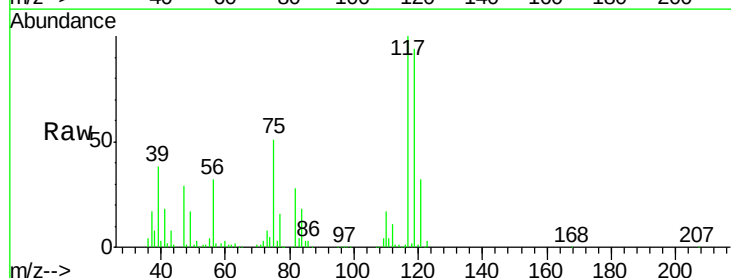
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

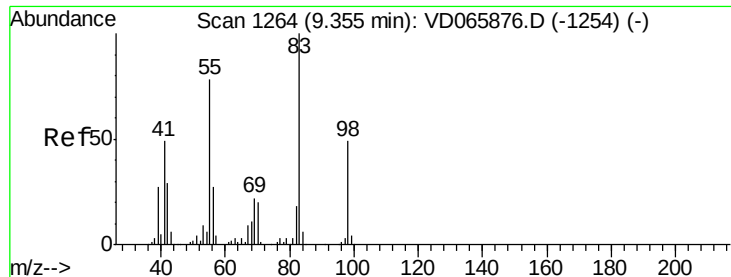
Tot Ion: 43 Resp: 107940
Ion Ratio Lower Upper
43 100
61 11.8 0.0 0.0#
70 9.4 8.5 12.7



#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

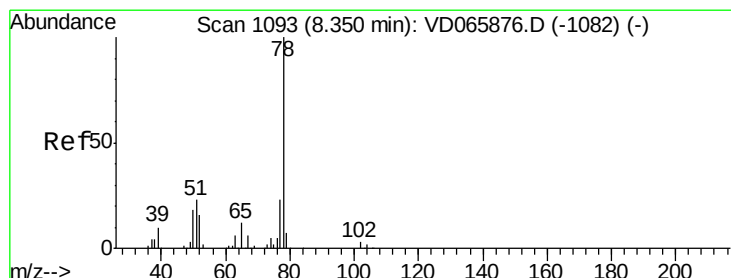
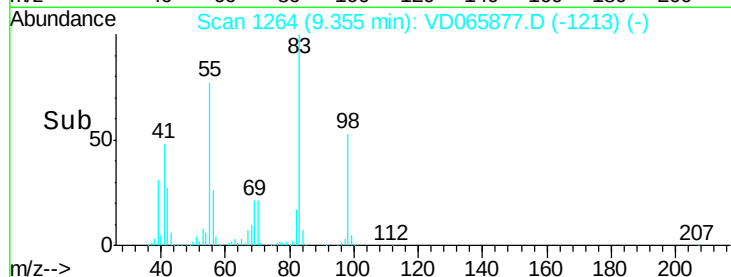
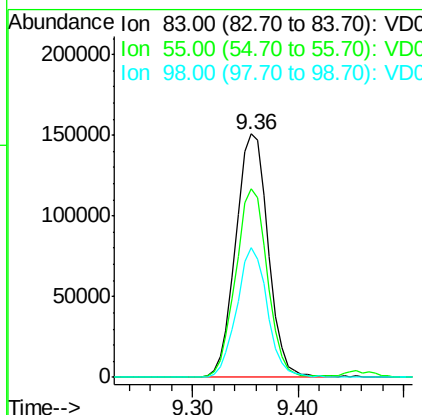
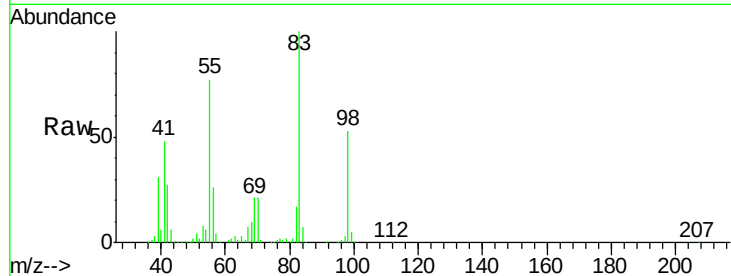




#39
Methylvlcyclohexane
Concen: 102.119 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

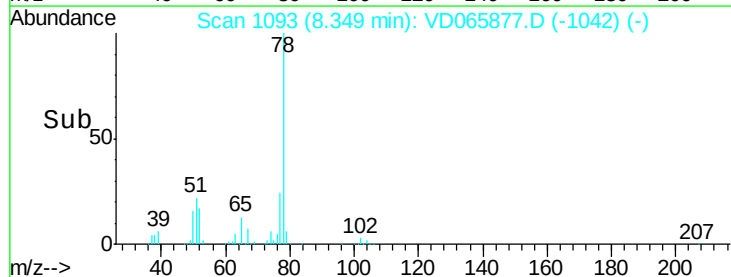
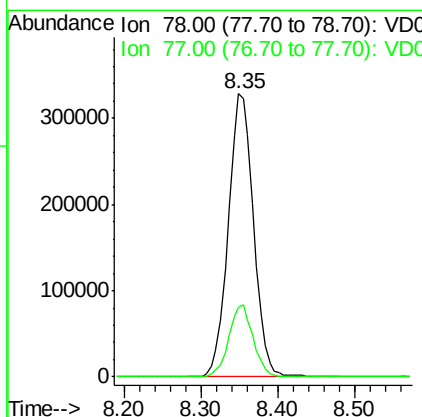
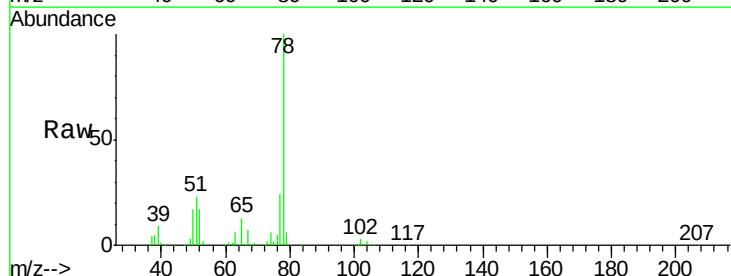
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

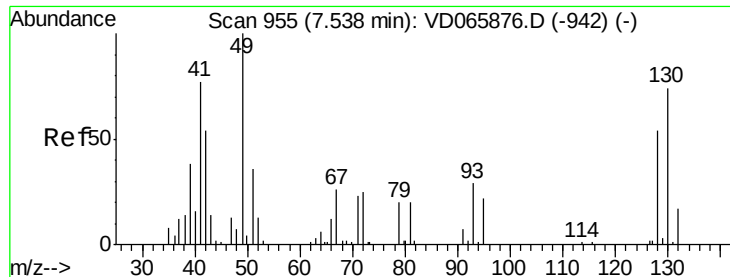
Tot Ion: 83 Resp: 321493
Ion Ratio Lower Upper
83 100
55 77.3 62.2 93.4
98 53.1 39.6 59.4



#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: 96.958 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. -0.01 min

Lab File: VD065877.D

Acq: 26 Jun 2020 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 61912

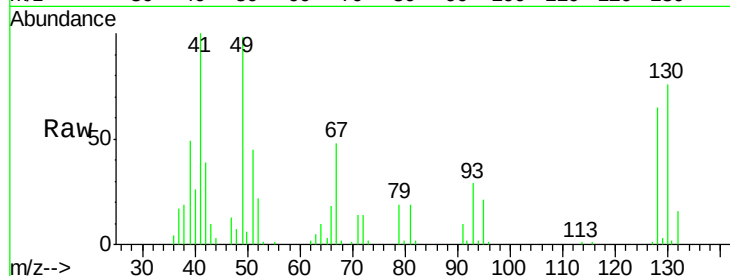
Ion Ratio Lower Upper

41 100

39 0.0 82.7 124.1#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

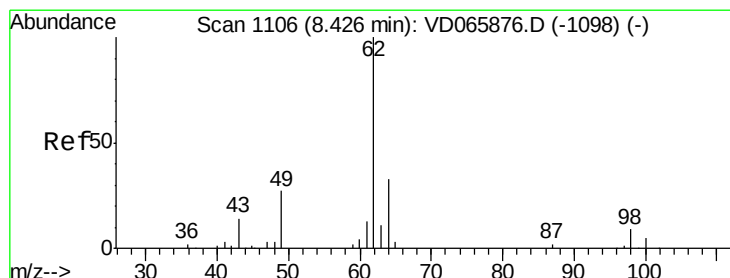
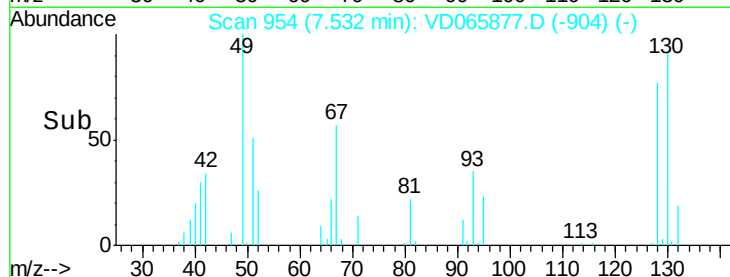
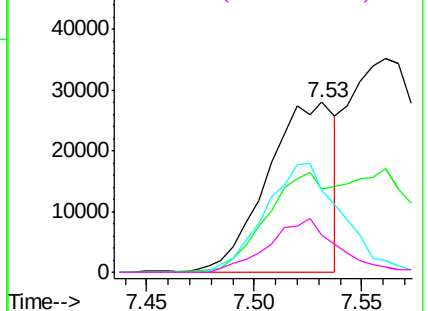


Abundance Ion 41.00 (40.70 to 41.70): VDC

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

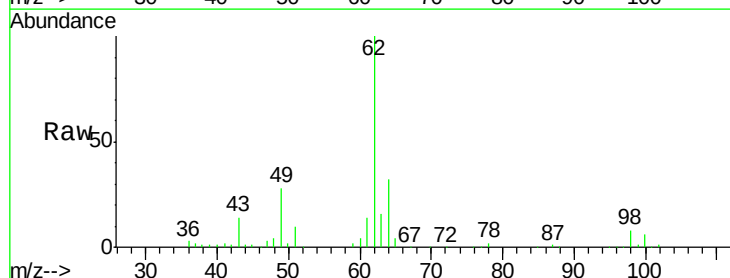
Acq: 26 Jun 2020 12:32

Tgt Ion: 62 Resp: 217975

Ion Ratio Lower Upper

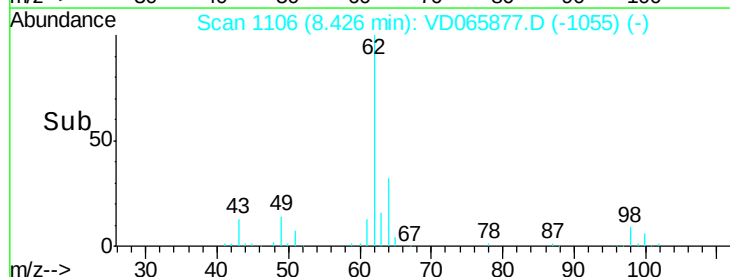
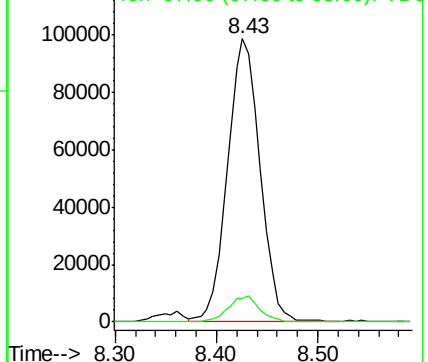
62 100

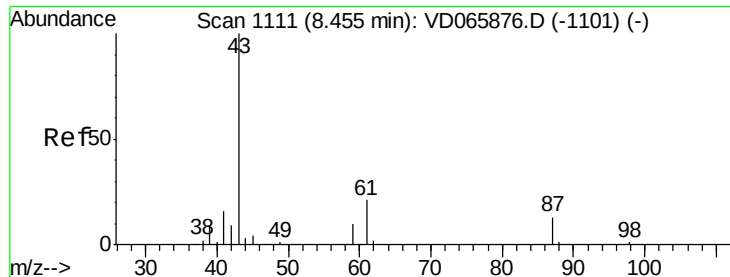
98 8.7 0.0 18.4



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

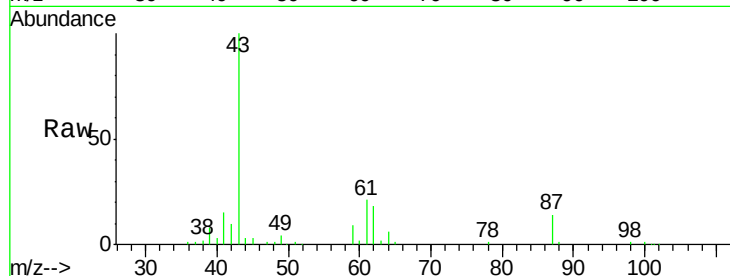
Tot Ion: 43 Resp: 205565

Ion Ratio Lower Upper

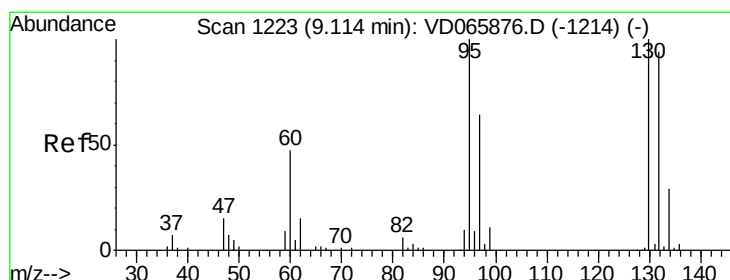
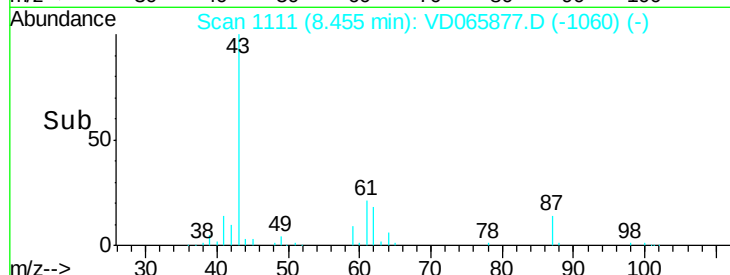
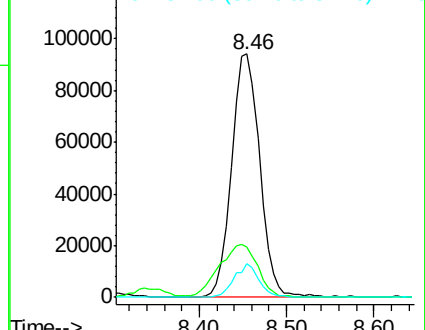
43 100

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

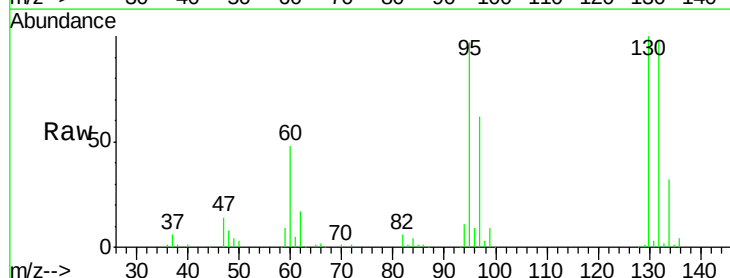
Acq: 26 Jun 2020 12:32

Tgt Ion:130 Resp: 199333

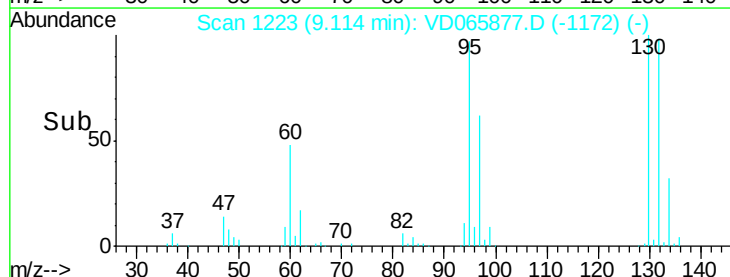
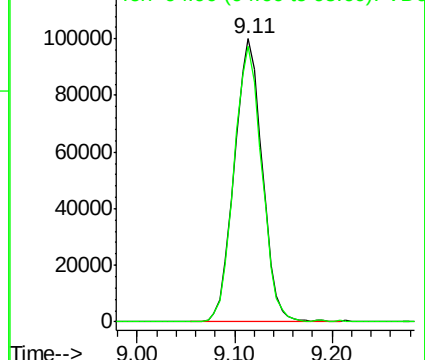
Ion Ratio Lower Upper

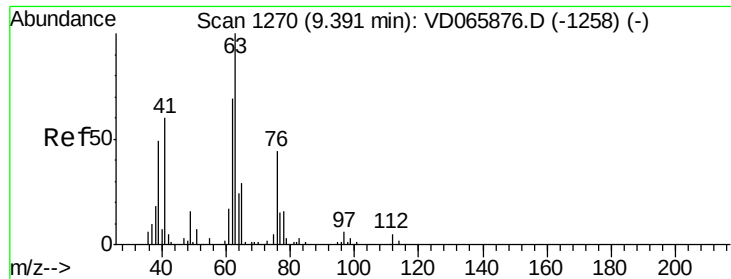
130 100

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

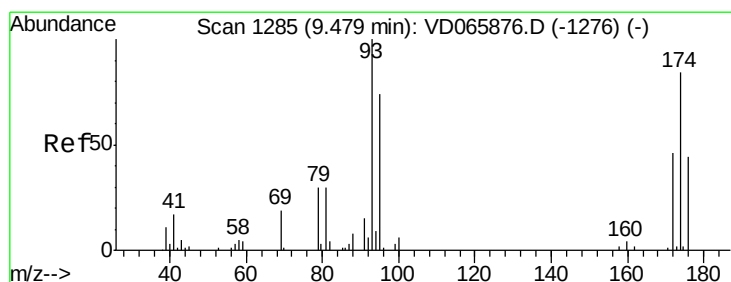
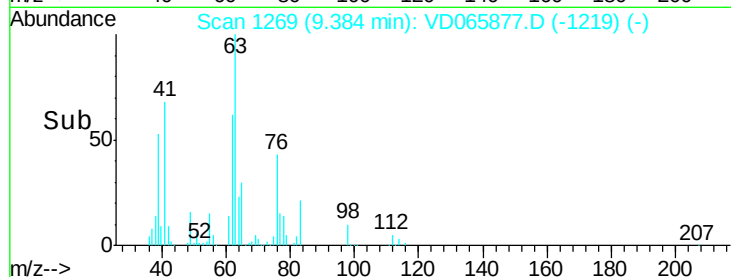
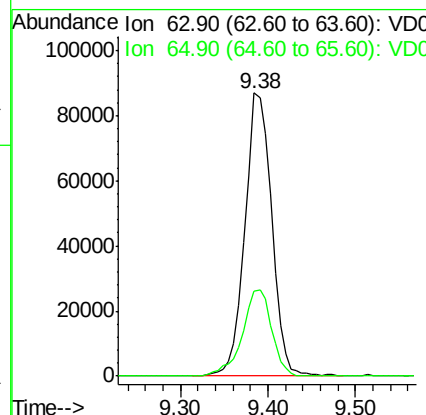
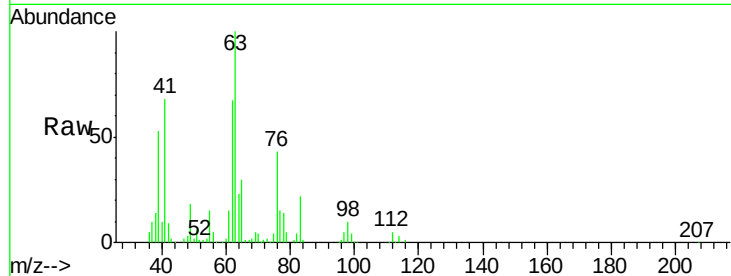




#45
 1,2-Dichloropropane
 Concen: 100.288 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

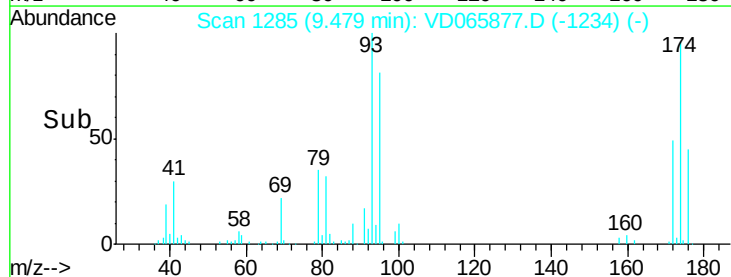
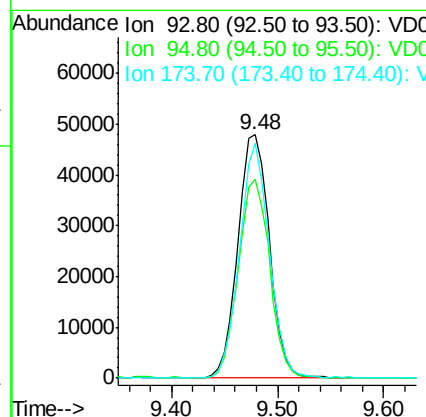
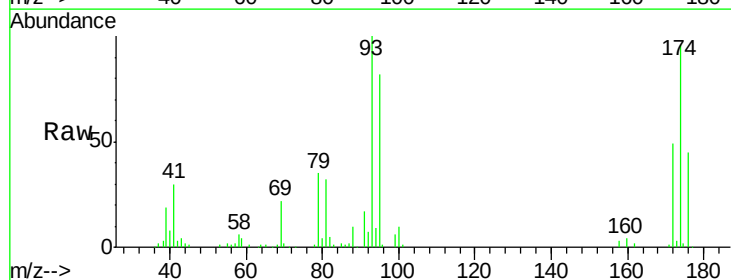
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

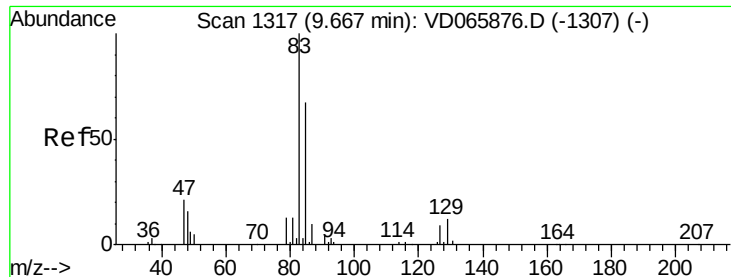
Tot Ion: 63 Resp: 179857
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.4 35.0



#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

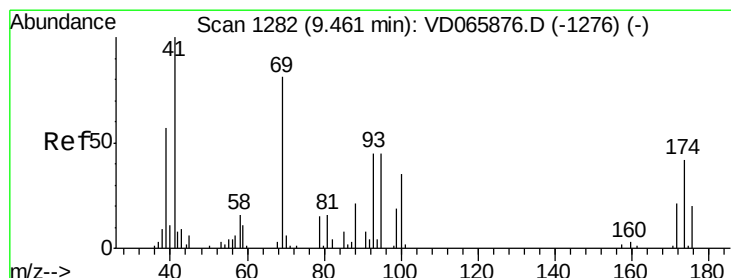
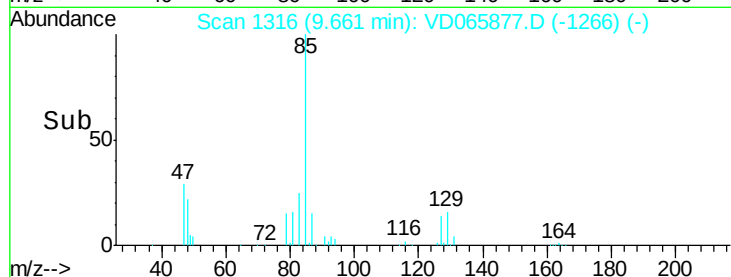
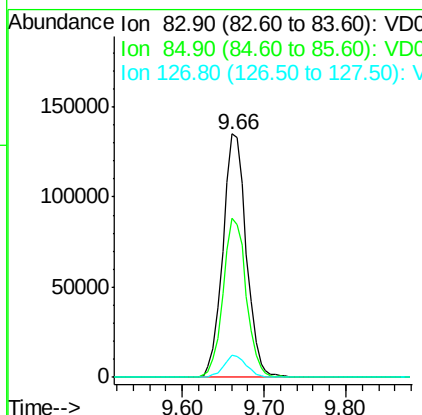
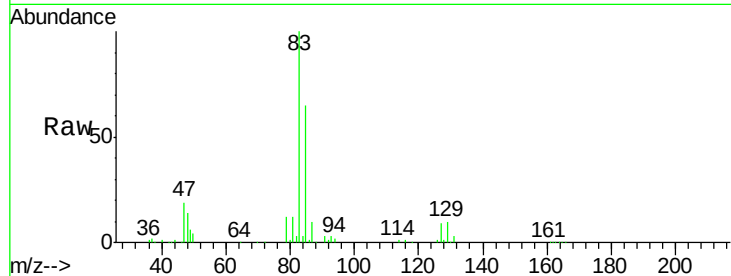




#47
Bromodichloromethane
Concen: 102.545 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

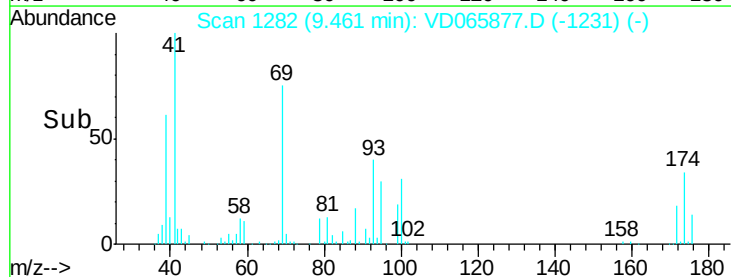
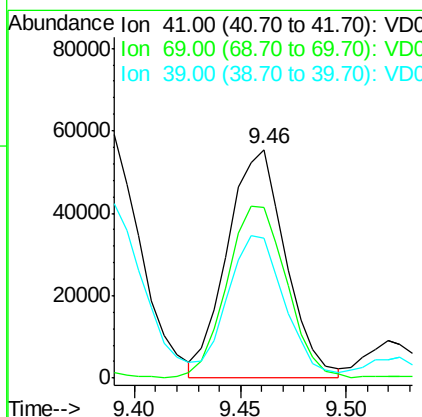
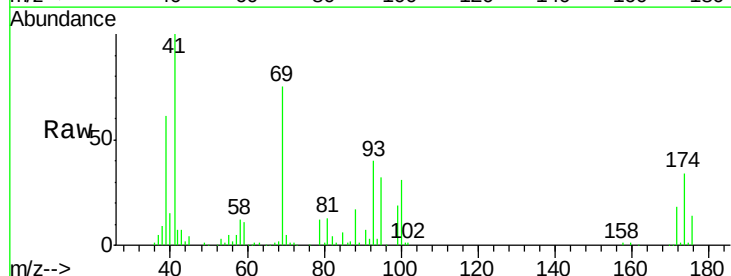
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

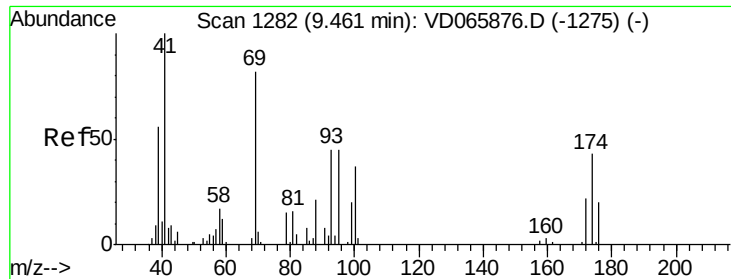
Tot Ion: 83 Resp: 269793
Ion Ratio Lower Upper
83 100
85 65.3 53.9 80.9
127 9.3 7.0 10.4



#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

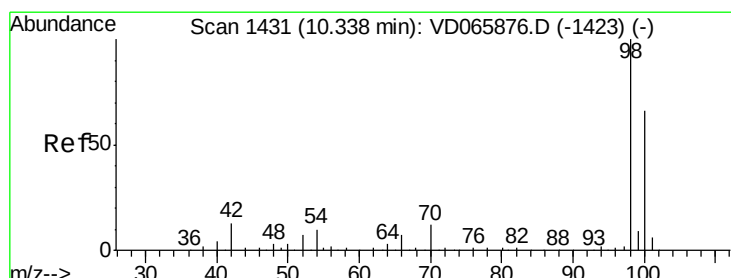
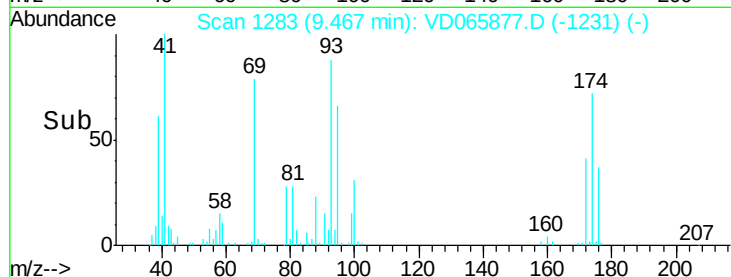
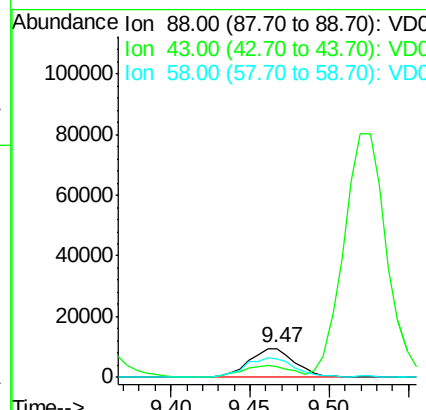
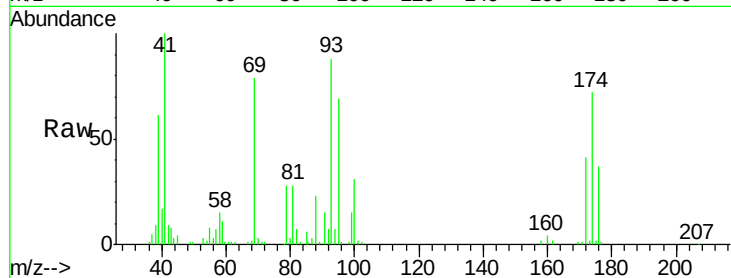
Tot Ion: 88 Resp: 19263

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

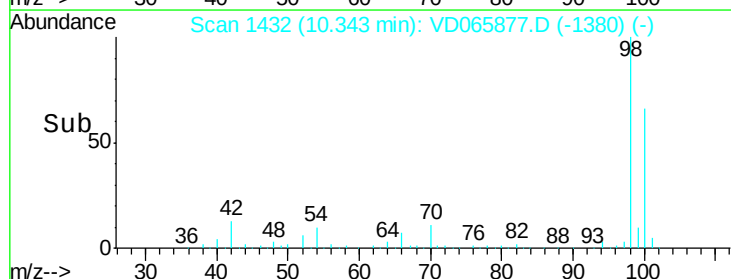
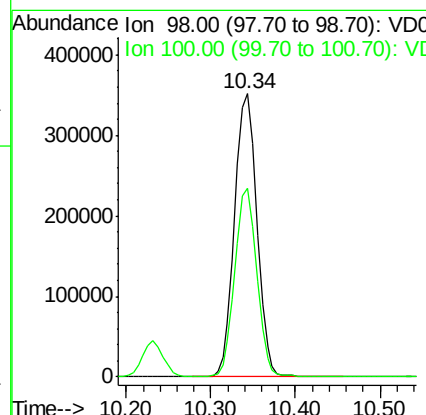
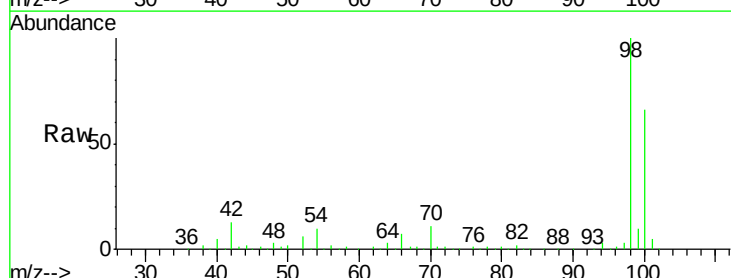
Acq: 26 Jun 2020 12:32

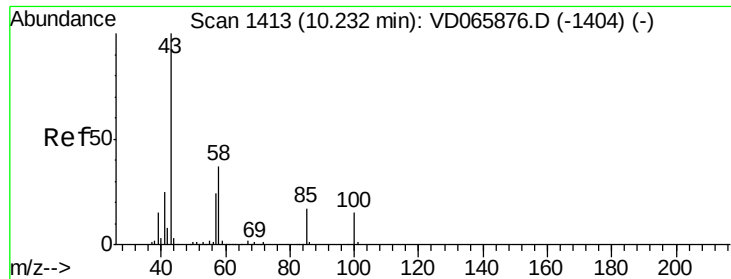
Tgt Ion: 98 Resp: 641755

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 :

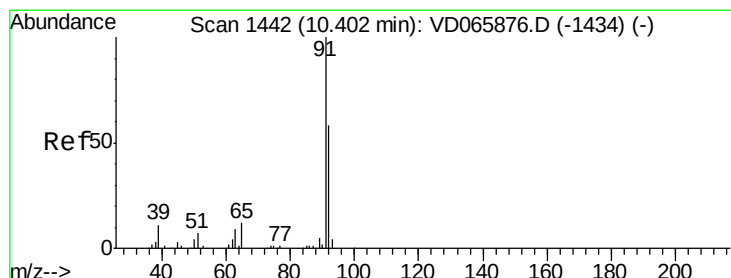
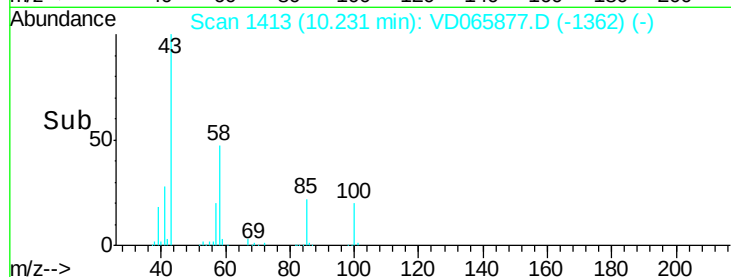
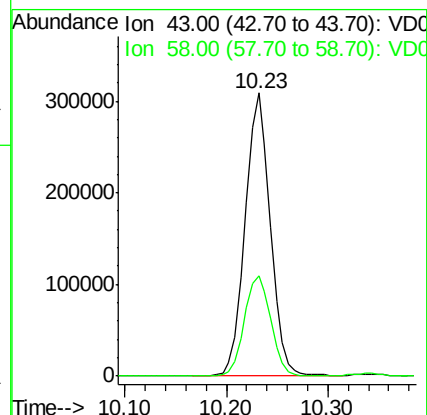
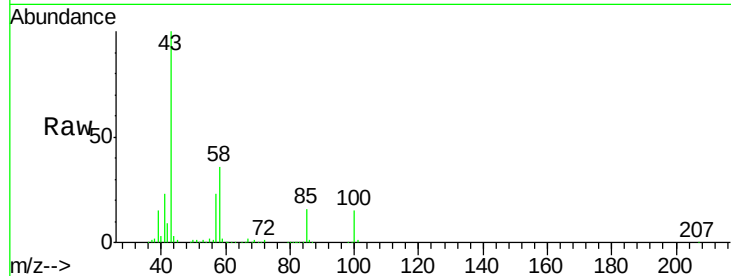
VSTDIC100

Tot 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

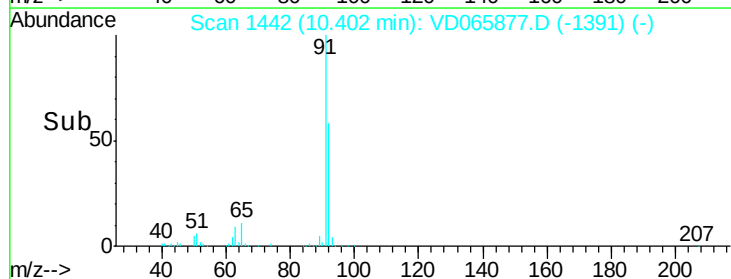
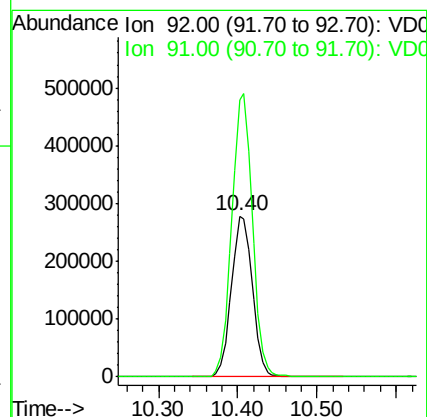
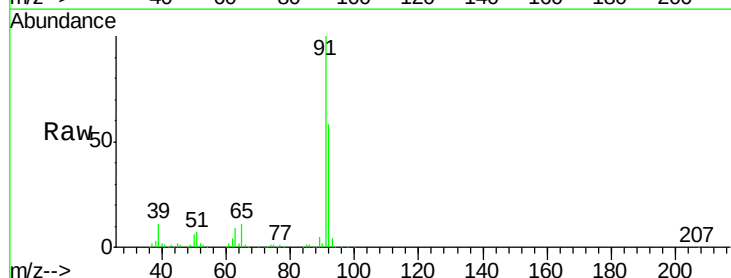
Acq: 26 Jun 2020 12:32

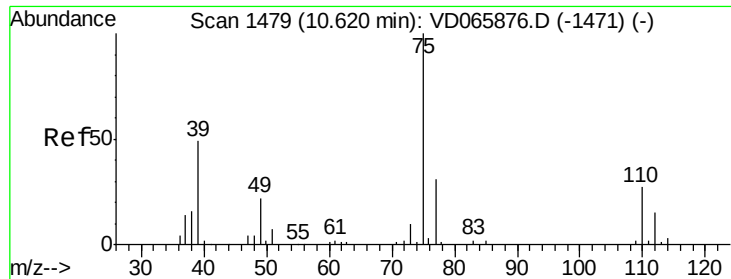
Tgt Ion: 92 Resp: 508988

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 :

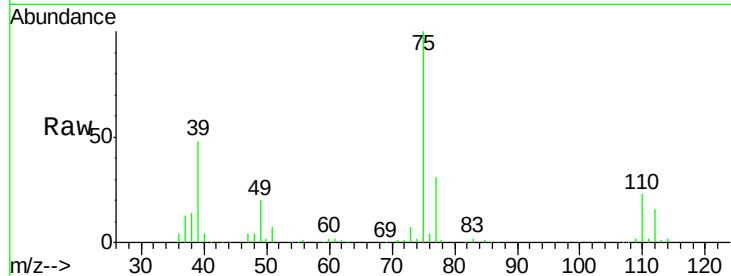
VSTDIC100

Tot Ion: 75 Resp: 258615

Ion Ratio Lower Upper

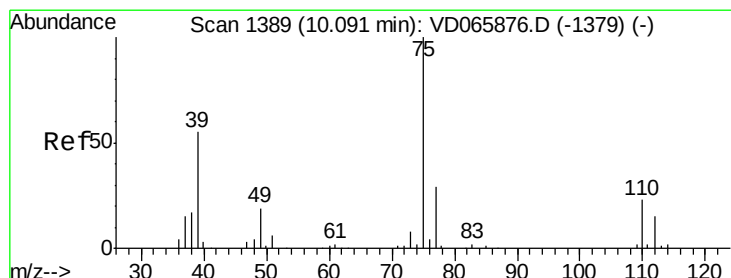
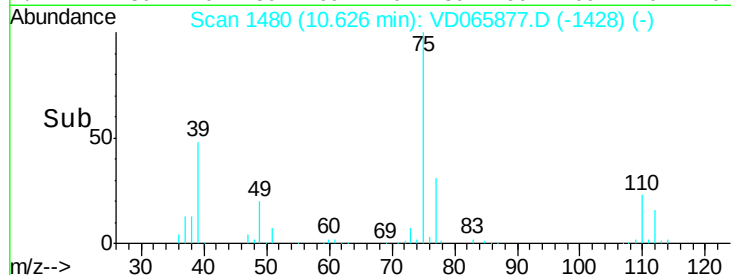
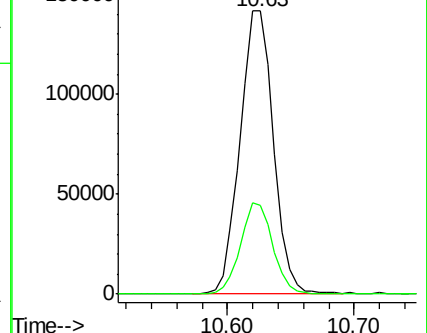
75 100

77 31.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#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

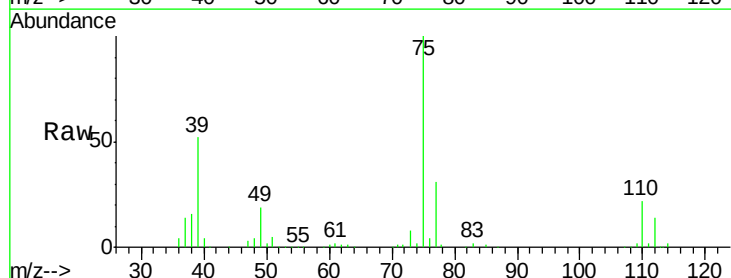
Tgt Ion: 75 Resp: 298505

Ion Ratio Lower Upper

75 100

77 31.4 23.4 35.0

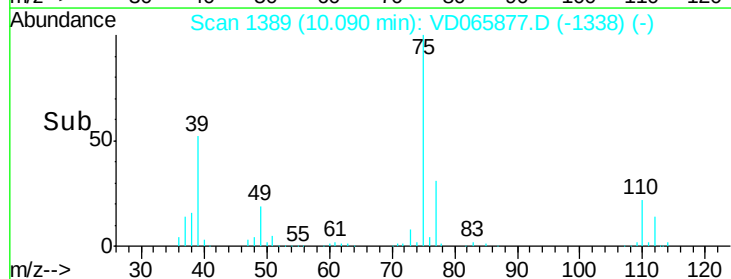
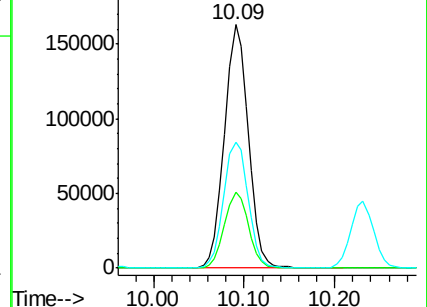
39 51.8 43.9 65.9

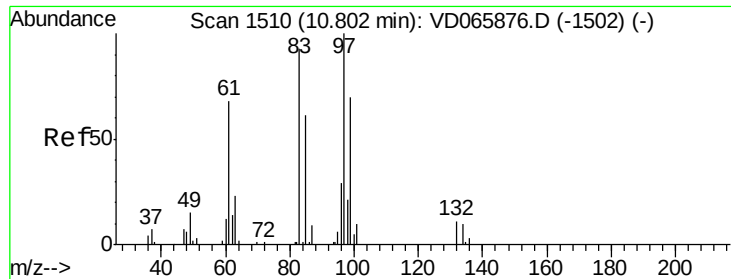


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#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

Tot Ion: 97 Resp: 132377

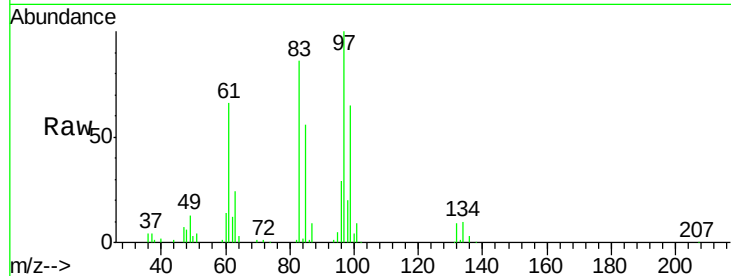
Ion	Ratio	Lower	Upper
97	100		
83	86.0	74.2	111.4
85	55.9	48.8	73.2
99	64.7	55.9	83.9

97 100

83 86.0 74.2 111.4

85 55.9 48.8 73.2

99 64.7 55.9 83.9

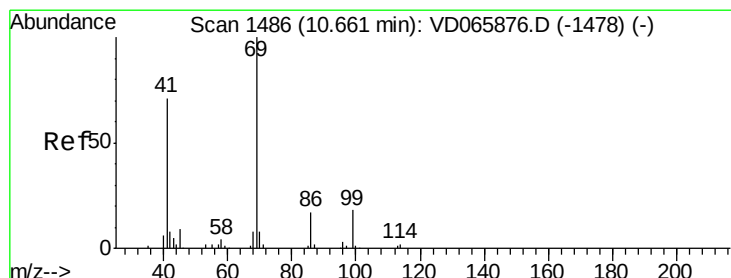
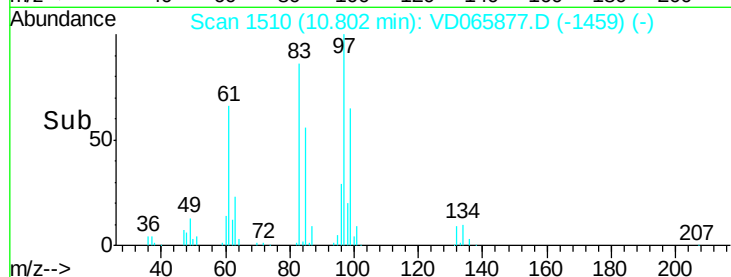
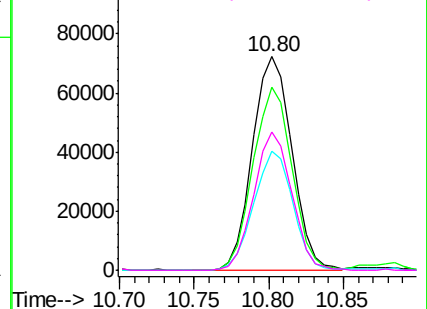


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 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

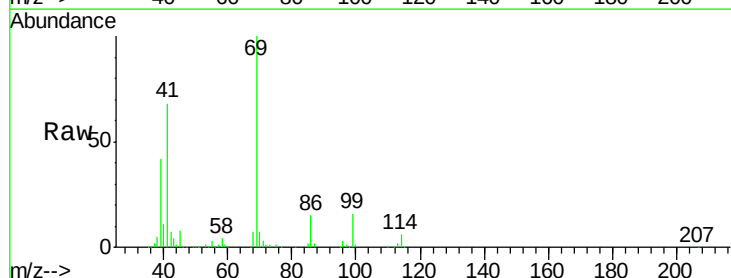
Tgt Ion: 69 Resp: 170541

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

69 100

41 71.9 55.4 83.2

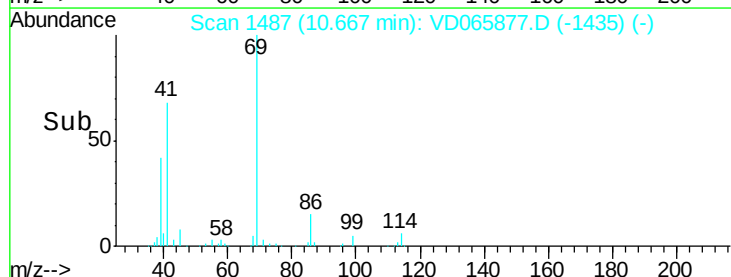
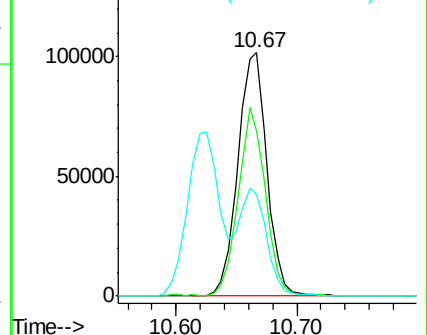
39 43.6 33.0 49.4

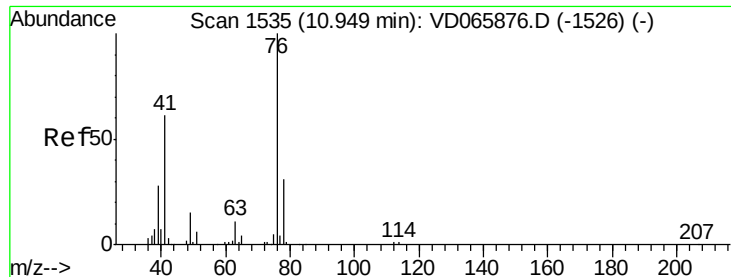


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 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 :

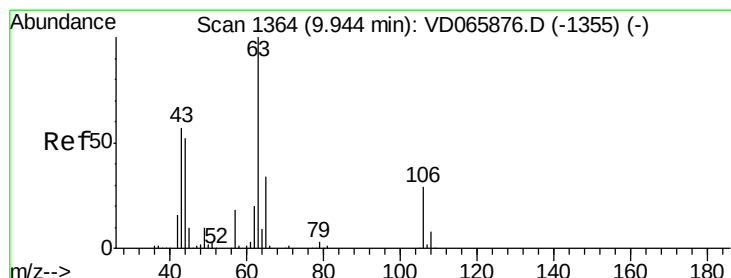
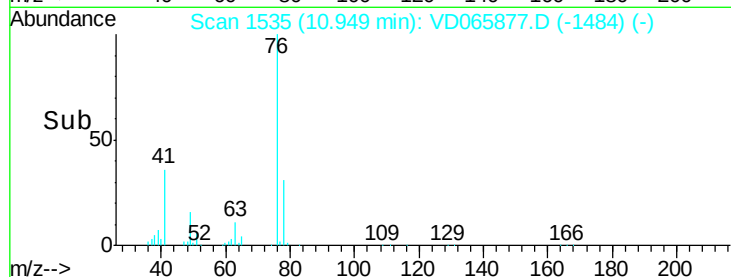
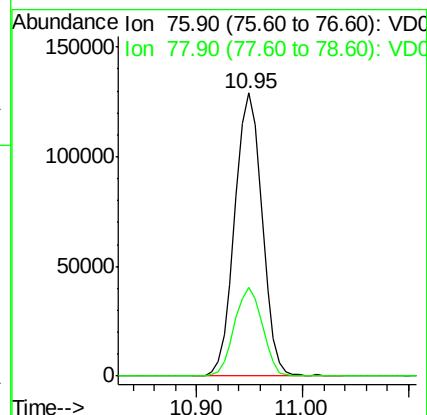
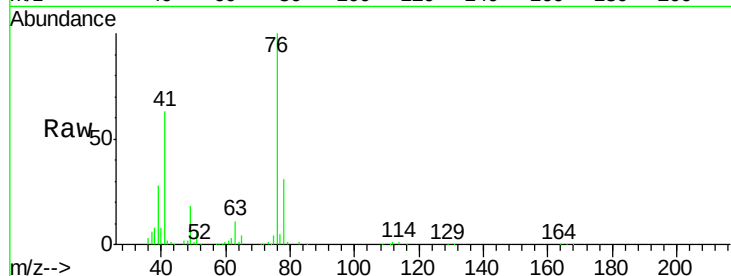
VSTDIC100

Tot 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

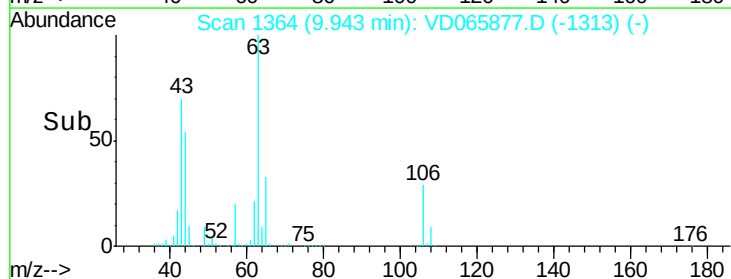
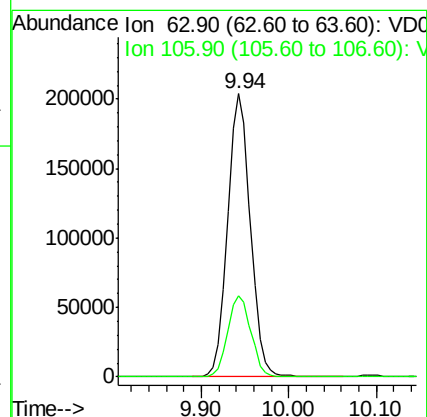
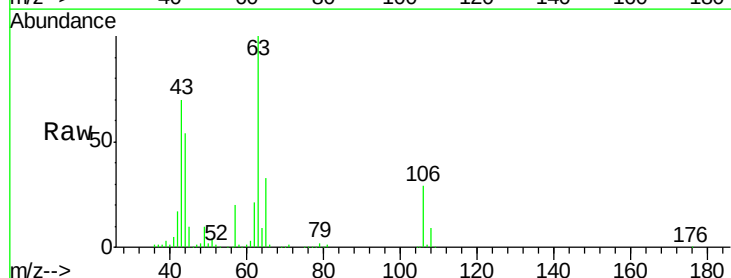
Acq: 26 Jun 2020 12:32

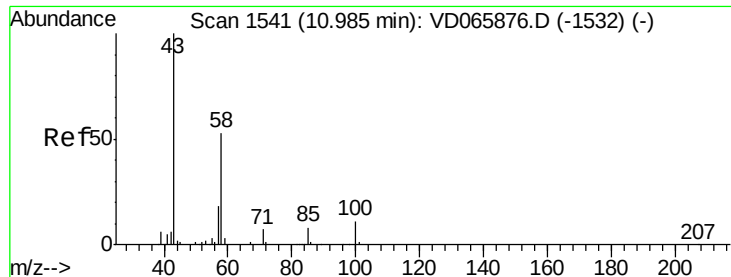
Tgt Ion: 63 Resp: 361139

Ion Ratio Lower Upper

63 100

106 29.3 22.6 34.0

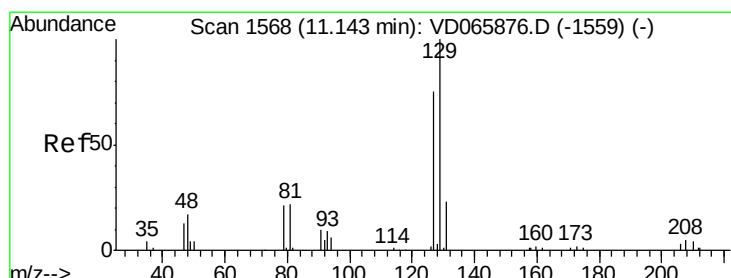
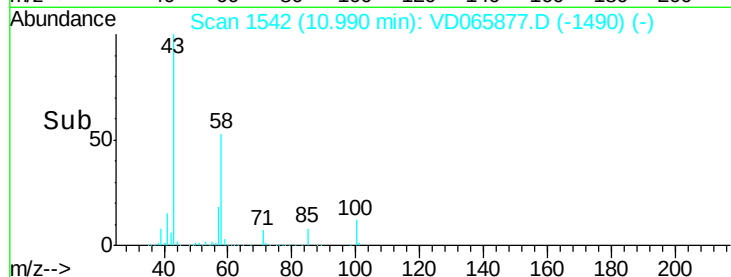
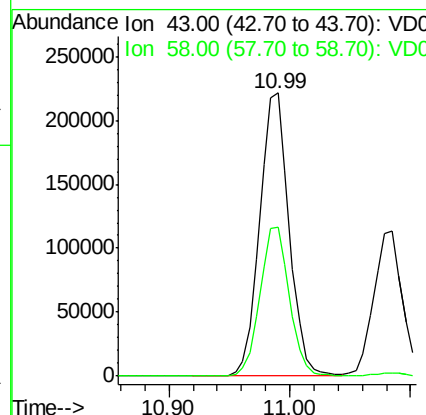
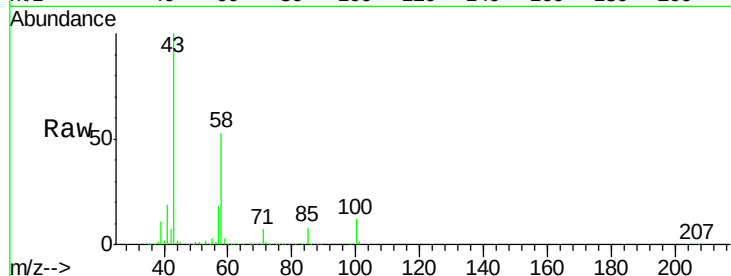




#59
2-Hexanone
Concen: 527.666 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

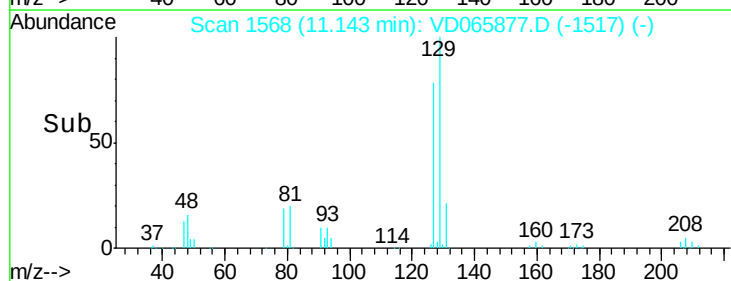
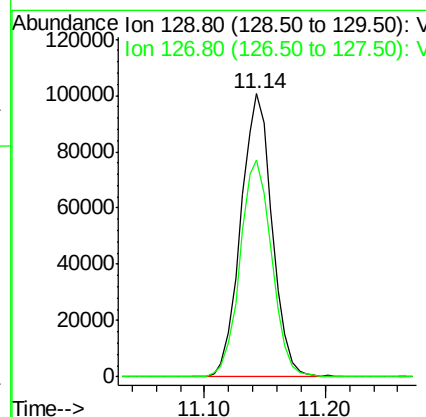
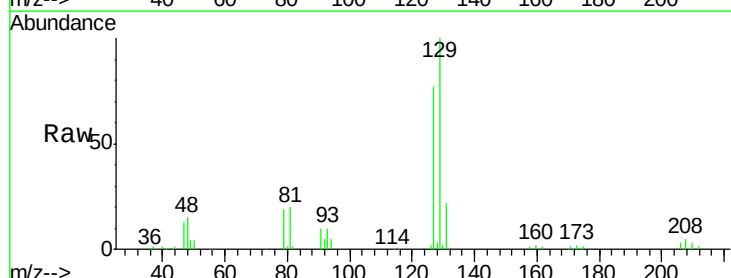
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

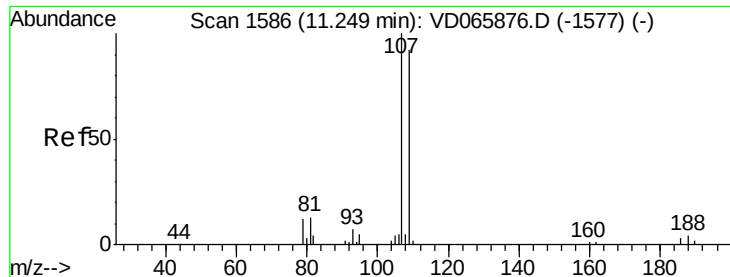
Tot Ion: 43 Resp: 374897
Ion Ratio Lower Upper
43 100
58 52.7 26.1 78.3



#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

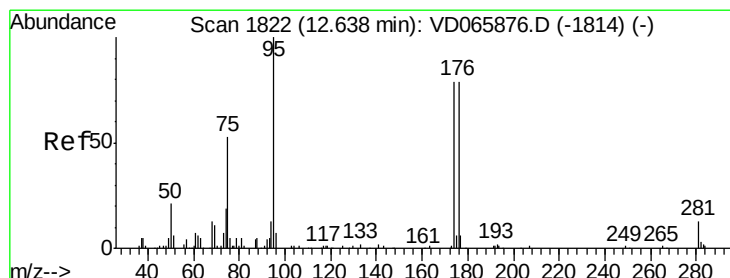
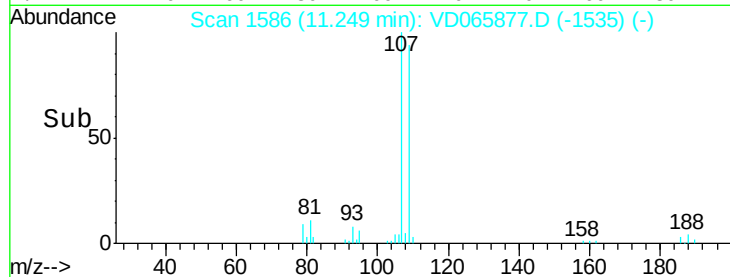
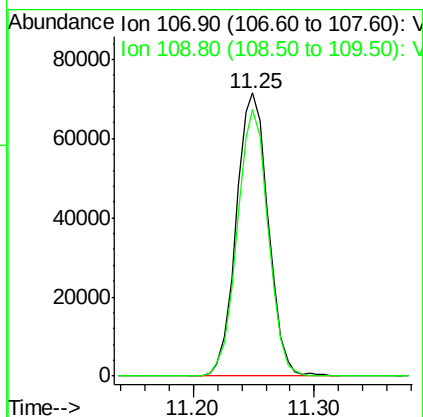
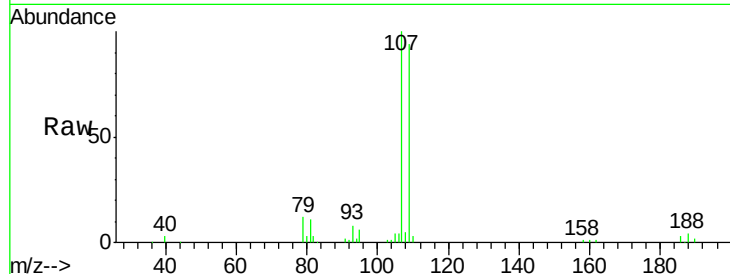




#61
 1,2-Dibromoethane
 Concen: 104.585 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

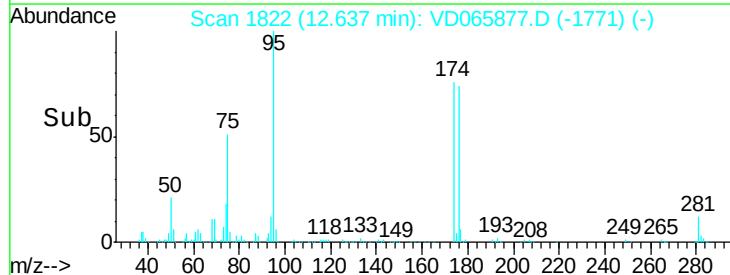
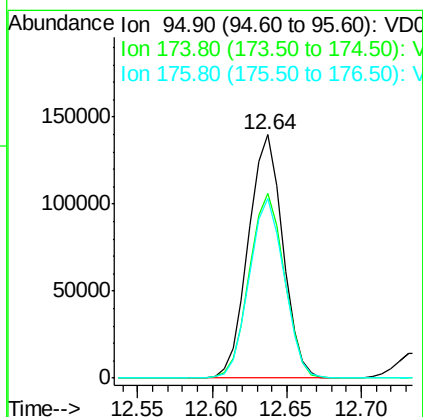
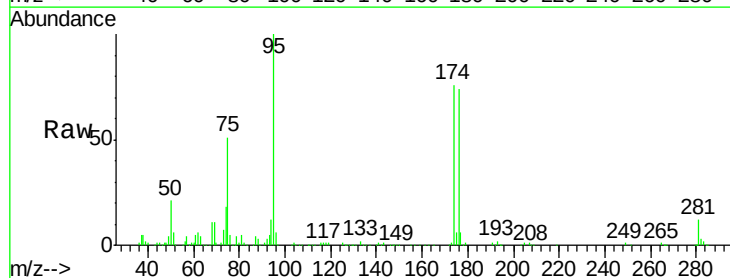
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

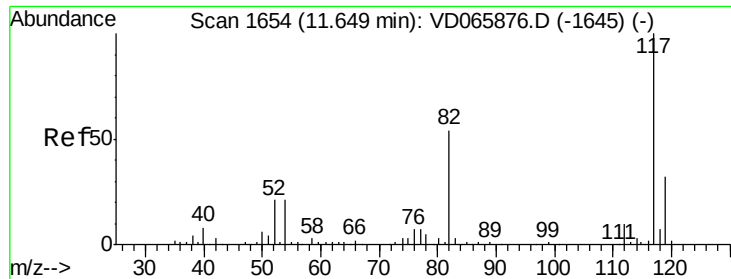
Tot Ion: 107 Resp: 131795
 Ion Ratio Lower Upper
 107 100
 109 91.8 75.6 113.4



#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

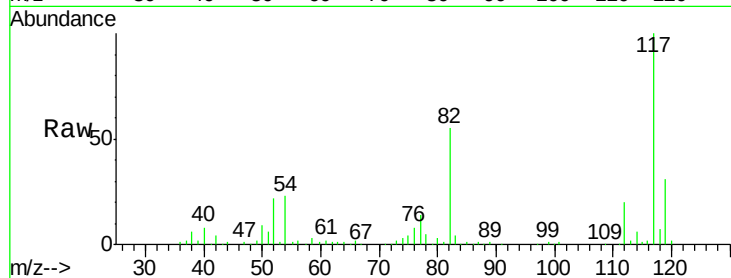




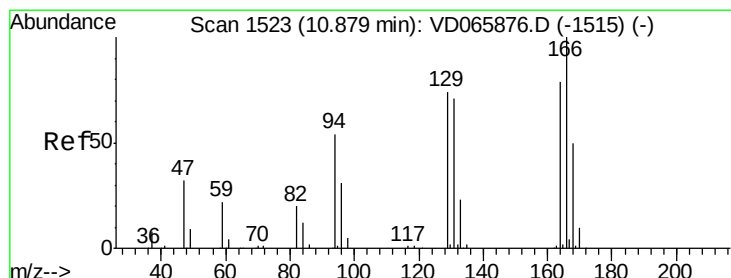
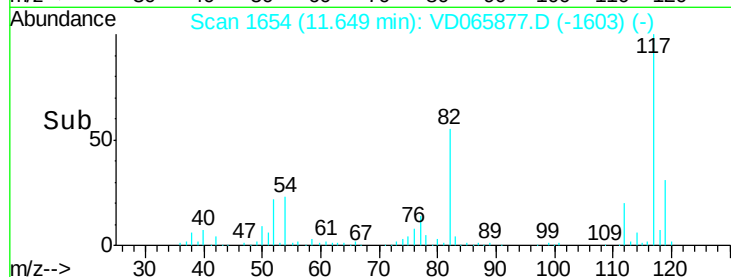
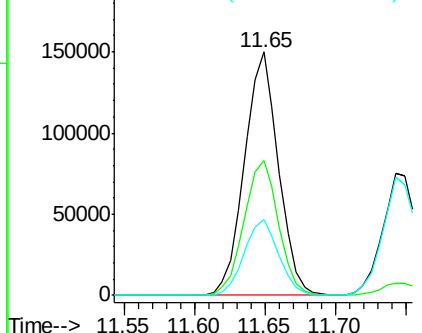
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 252847
Ion Ratio Lower Upper
117 100
82 55.4 43.6 65.4
119 31.1 25.9 38.9

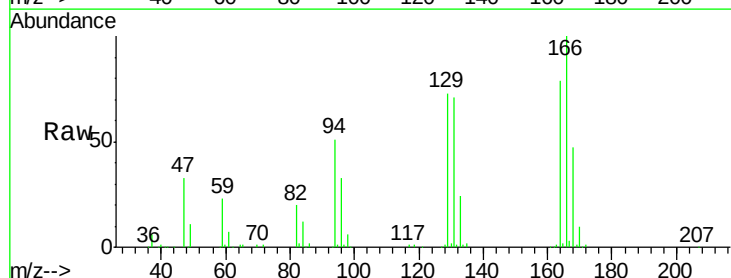


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

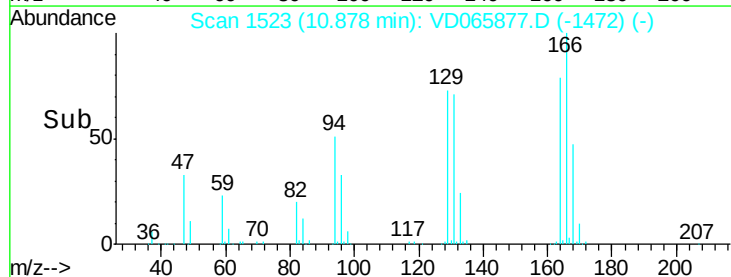
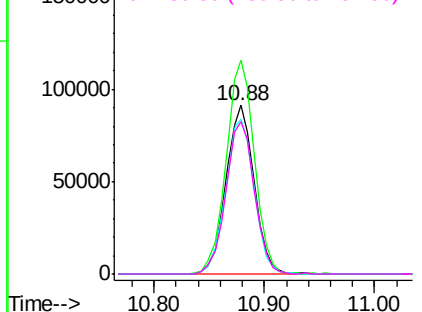


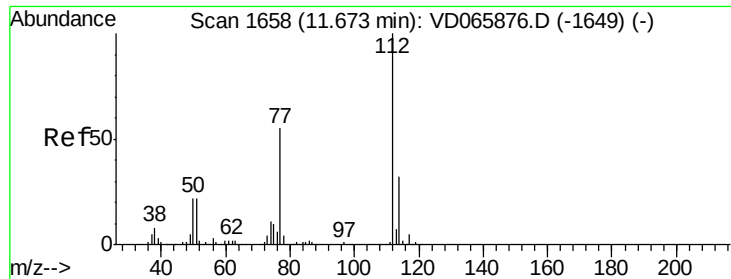
#64
Tetrachloroethene
Concen: 99.061 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

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

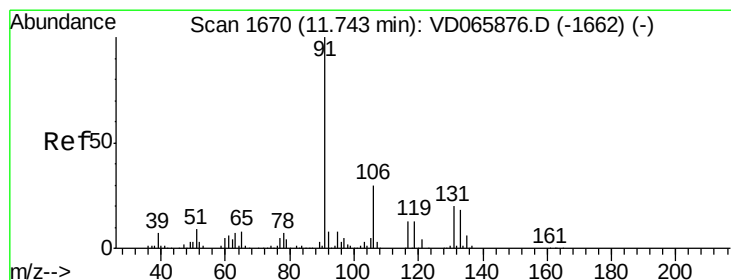
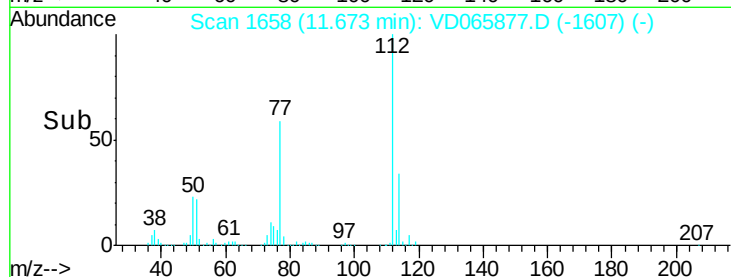
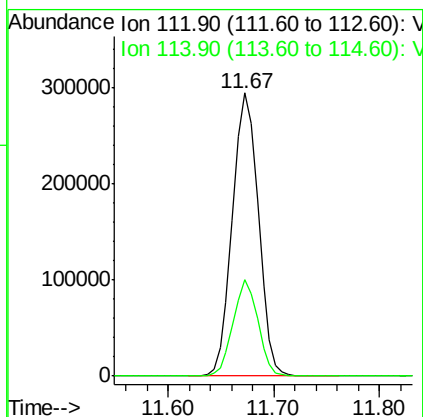
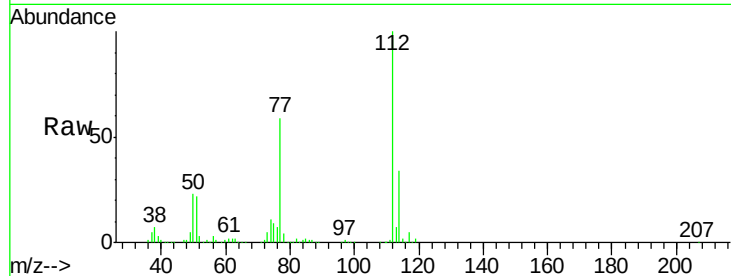




#65
Chlorobenzene
Concen: 100.523 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

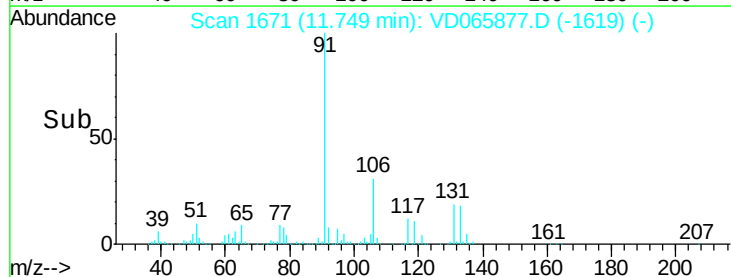
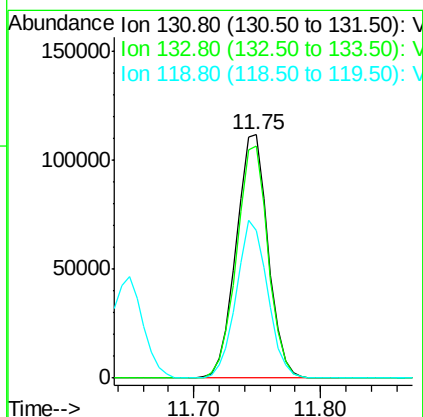
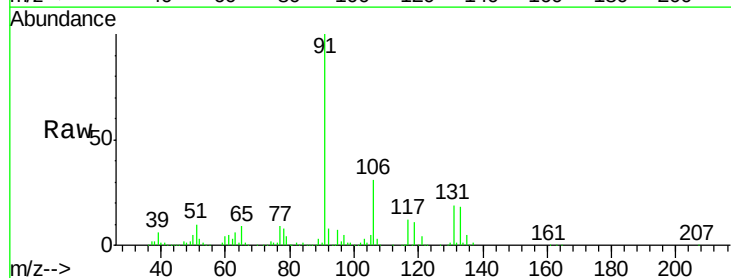
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

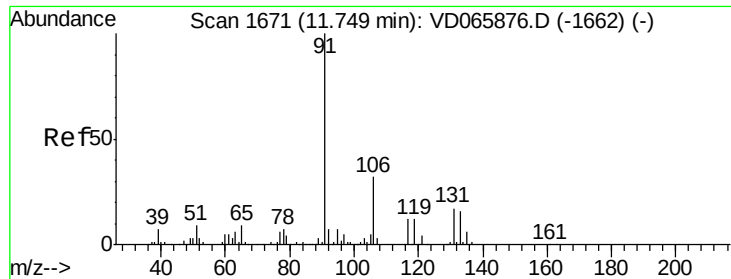
Tot Ion:112 Resp: 501274
Ion Ratio Lower Upper
112 100
114 34.2 25.4 38.0



#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

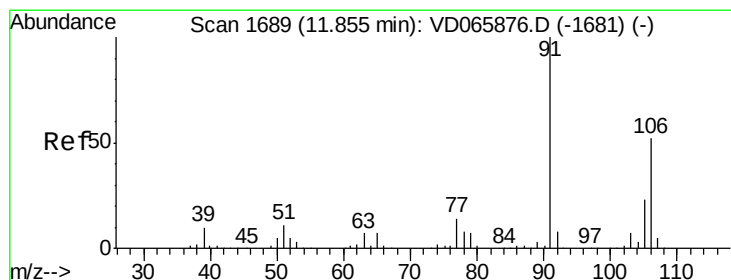
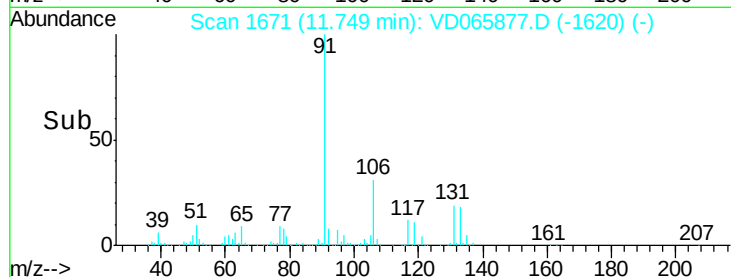
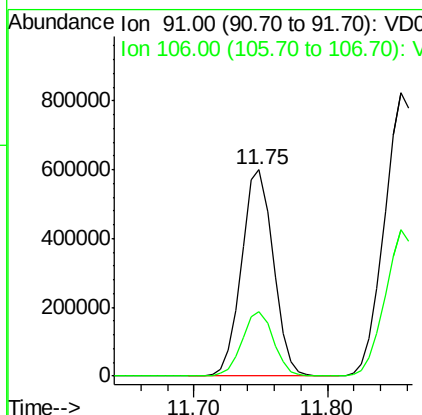
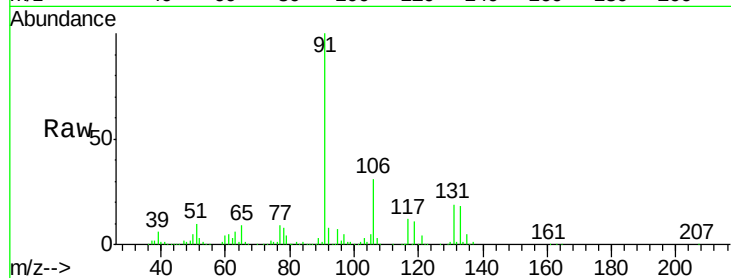




#67
Ethyl Benzene
Concen: 106.739 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

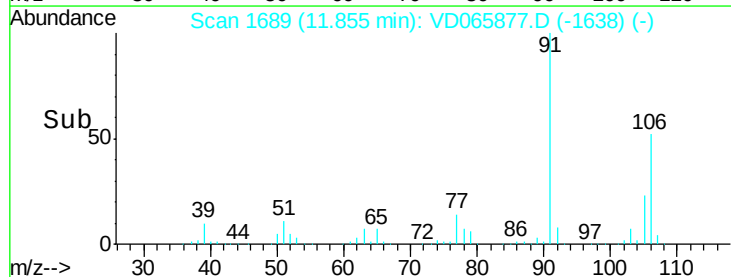
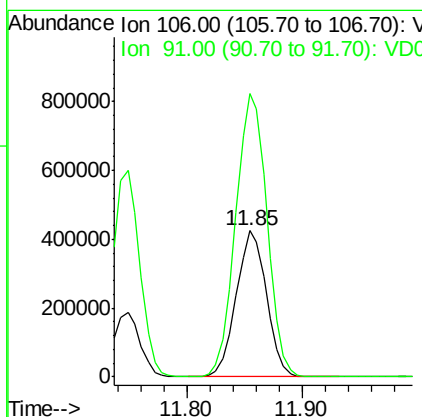
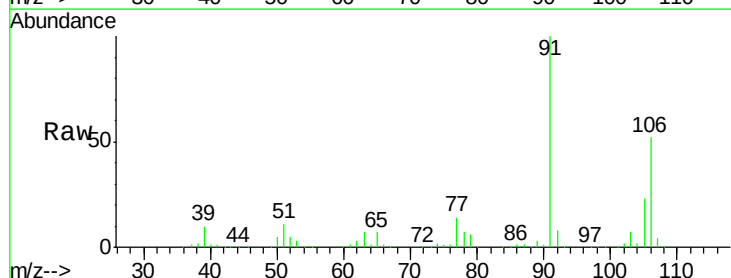
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

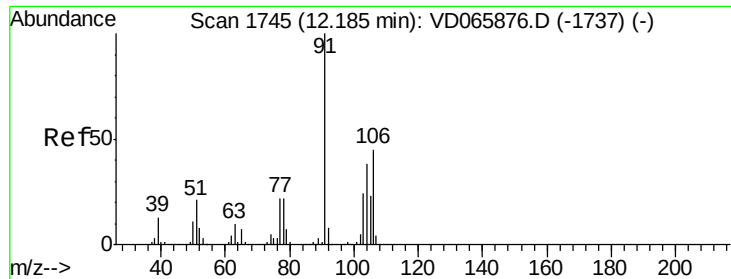
Tot Ion: 91 Resp: 986964
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



#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

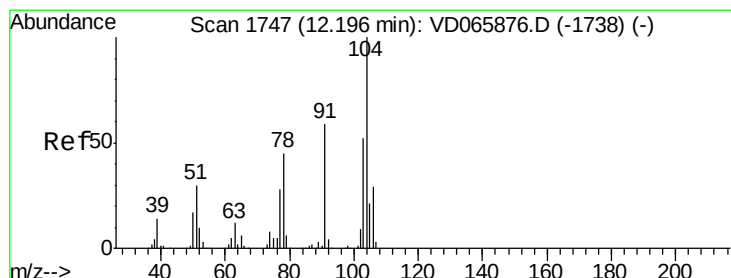
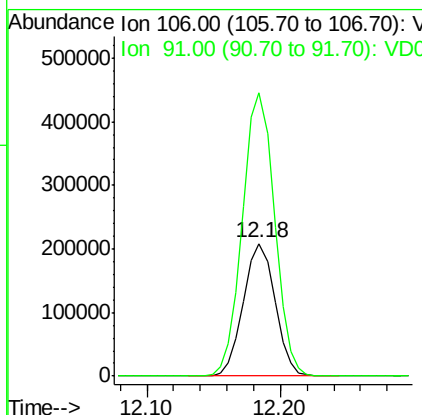
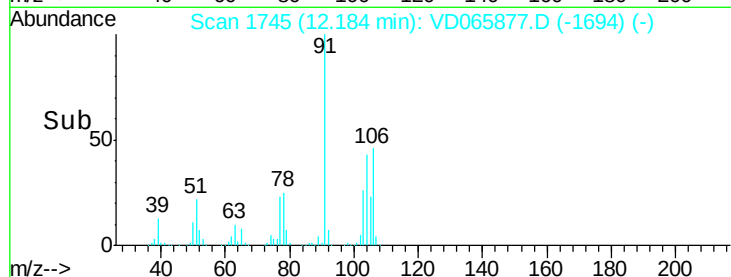
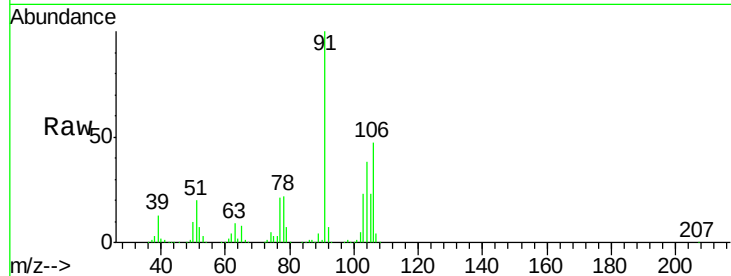




#69
o-Xylene
Concen: 108.556 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

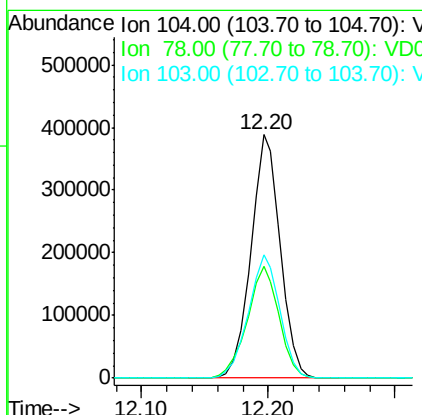
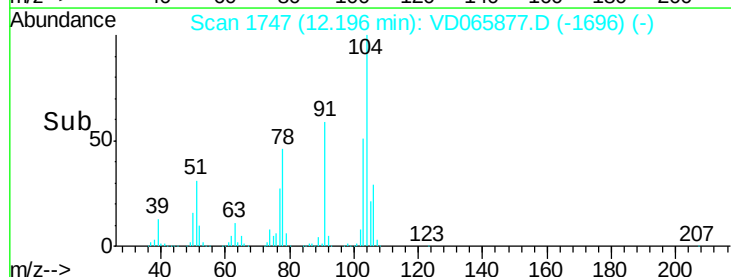
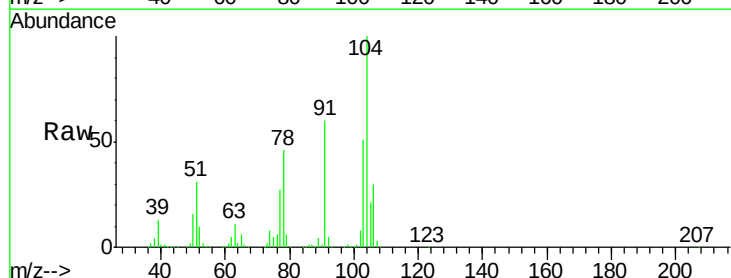
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

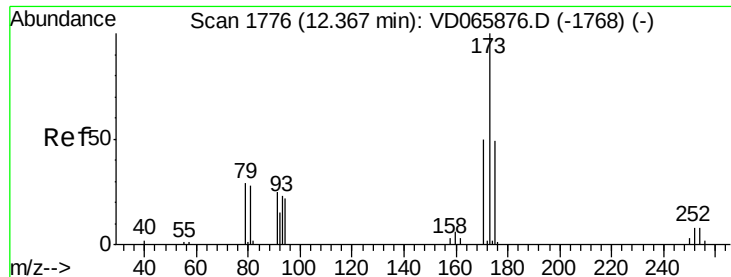
Tot Ion:106 Resp: 343129
Ion Ratio Lower Upper
106 100
91 216.3 107.5 322.6



#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

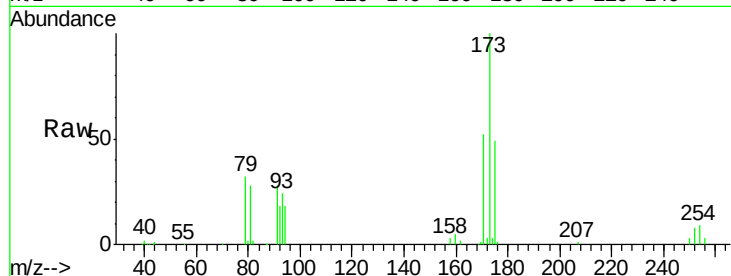
Tot Ion:173 Resp: 97260

Ion Ratio Lower Upper

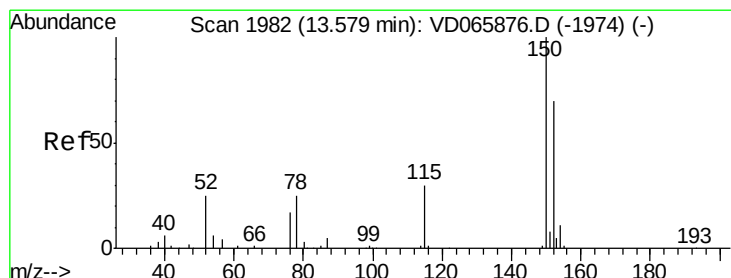
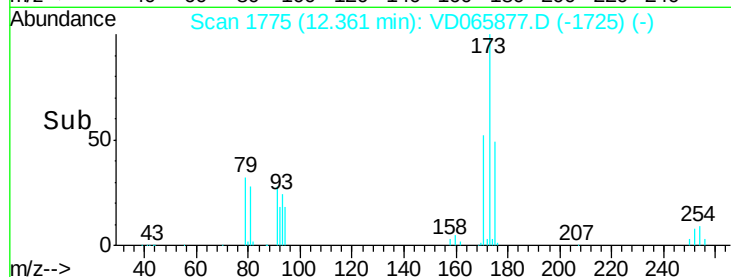
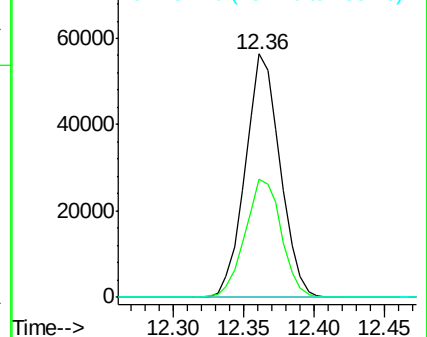
173 100

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

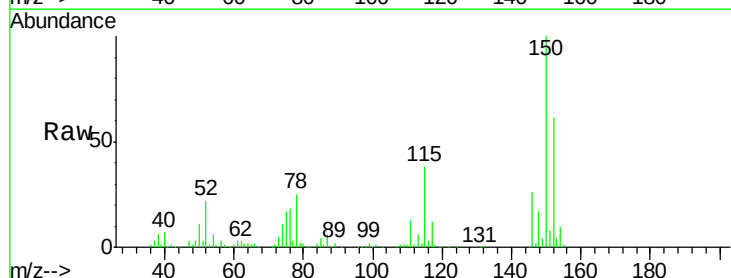
Tgt Ion:152 Resp: 131251

Ion Ratio Lower Upper

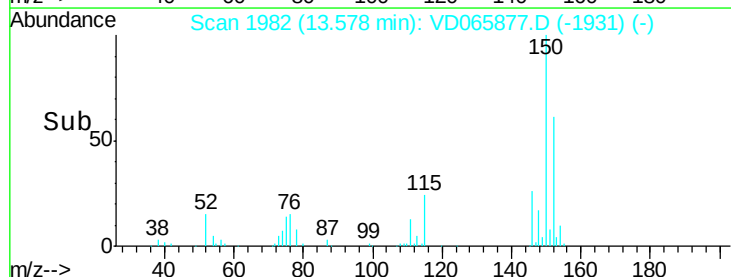
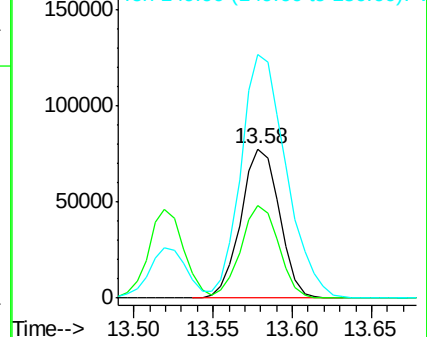
152 100

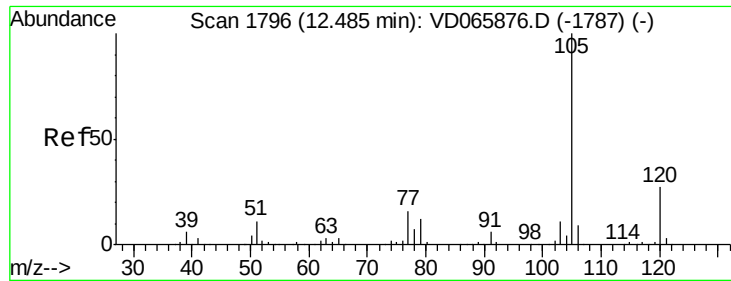
115 60.9 29.7 89.1

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 :

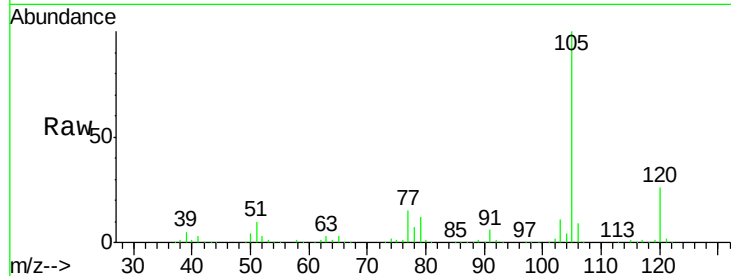
VSTDIC100

Tot Ion:105 Resp: 983198

Ion Ratio Lower Upper

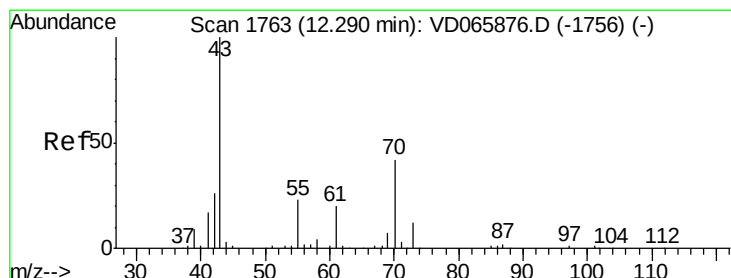
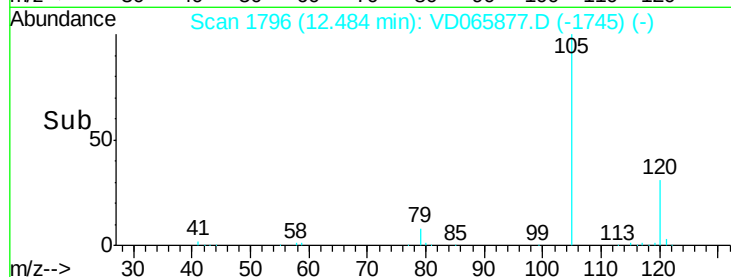
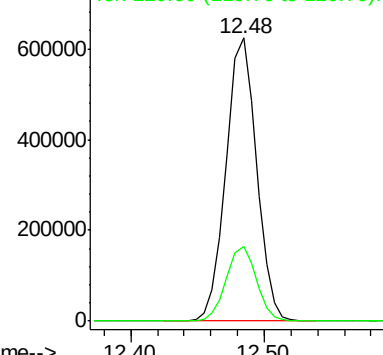
105 100

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

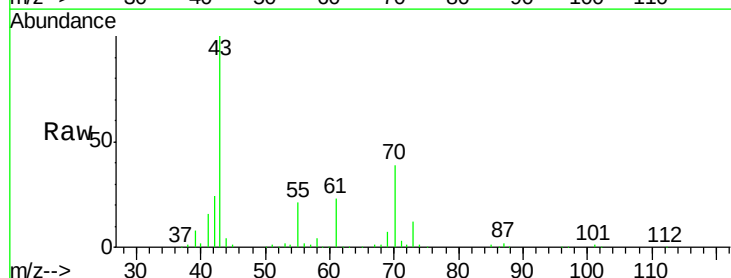
Ion Ratio Lower Upper

43 100

70 40.5 32.5 48.7

55 22.8 18.7 28.1

61 23.5 16.7 25.1

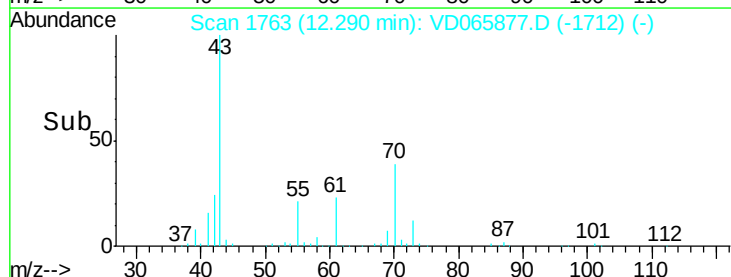
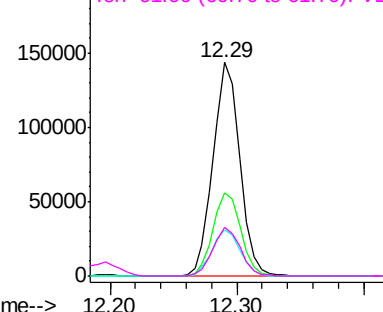


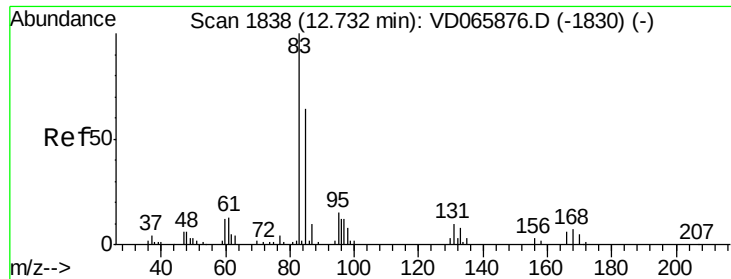
Abundance Ion 43.00 (42.70 to 43.70): VDC

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

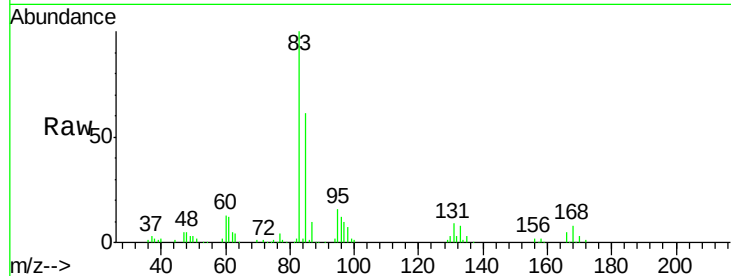
Tot Ion: 83 Resp: 147797

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.4

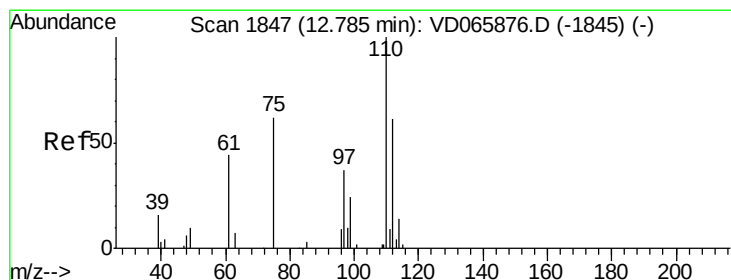
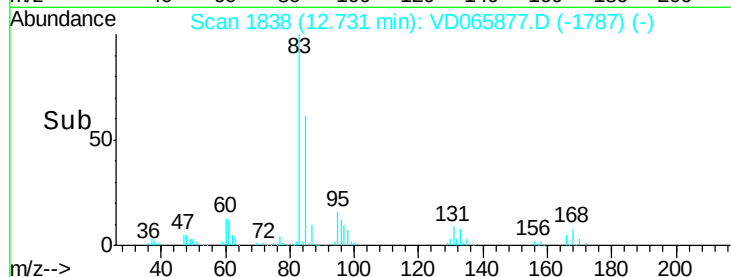
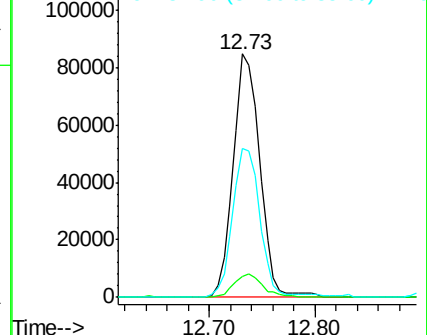
85 62.1 32.3 96.9



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: 82.662 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD065877.D

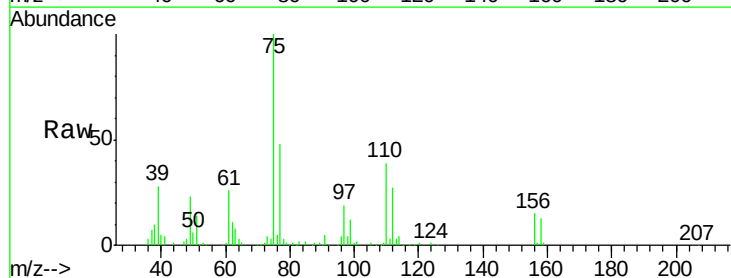
Acq: 26 Jun 2020 12:32

Tgt Ion: 75 Resp: 89947

Ion Ratio Lower Upper

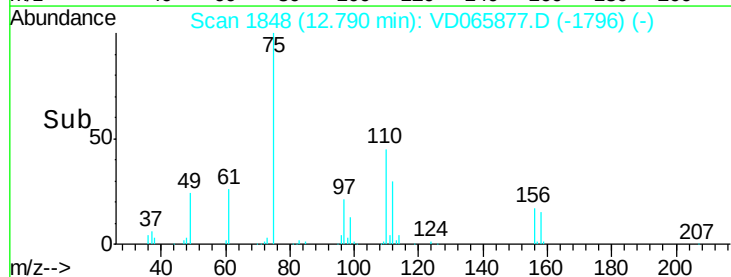
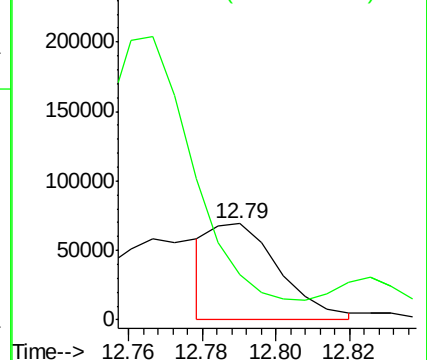
75 100

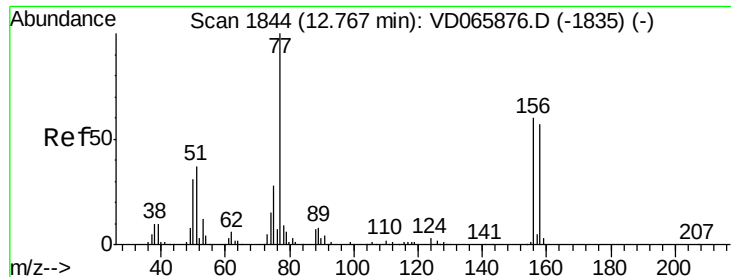
77 0.0 168.5 505.5#



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

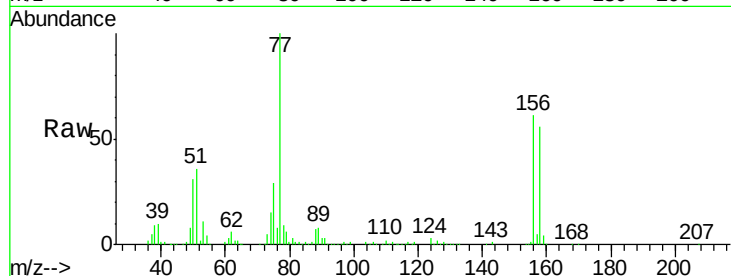
Tot Ion:156 Resp: 204023

Ion Ratio Lower Upper

156 100

77 188.6 90.5 271.5

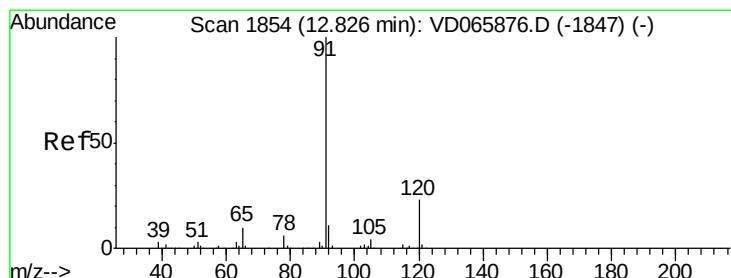
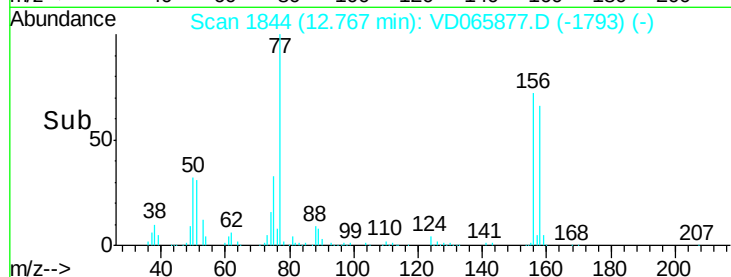
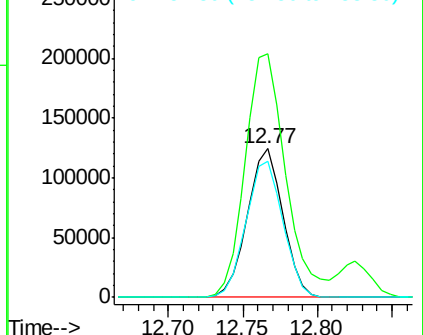
158 95.5 48.2 144.6



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

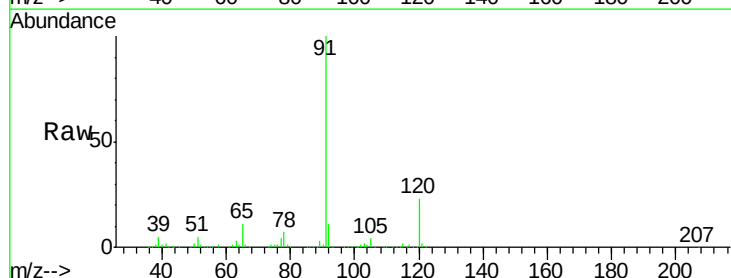
Acq: 26 Jun 2020 12:32

Tgt Ion: 91 Resp: 1173167

Ion Ratio Lower Upper

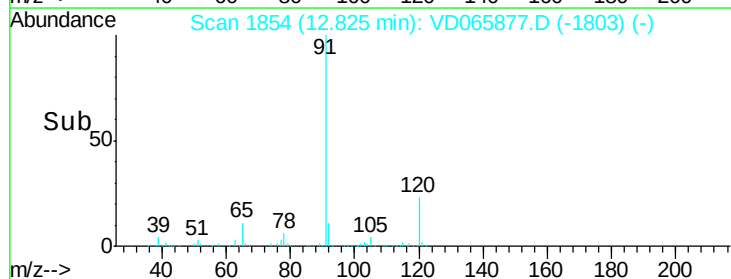
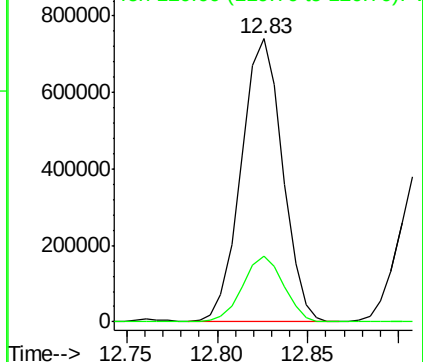
91 100

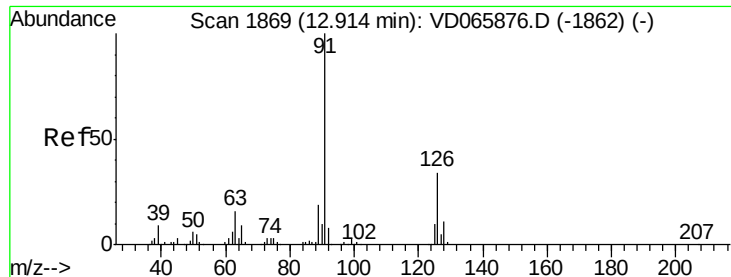
120 23.2 11.5 34.5



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 :

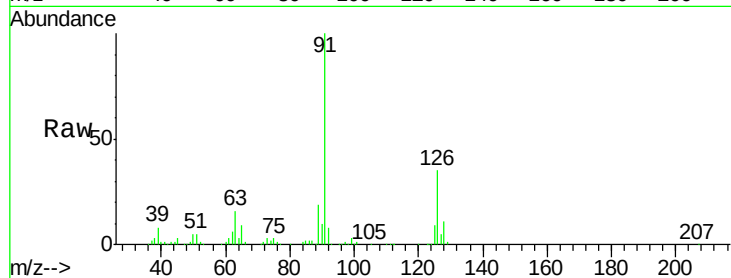
VSTDIC100

Tot Ion: 91 Resp: 640165

Ion Ratio Lower Upper

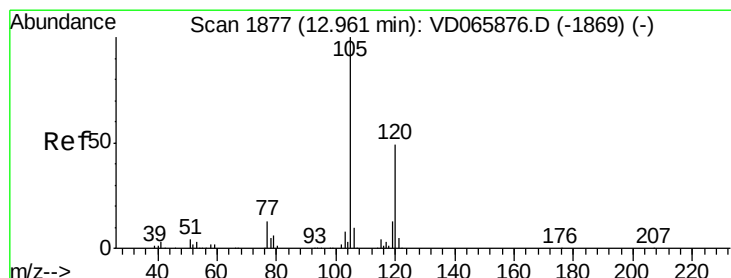
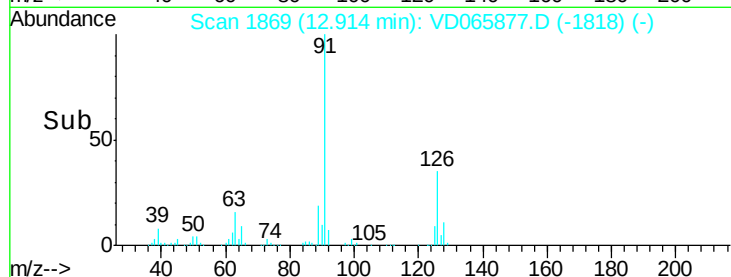
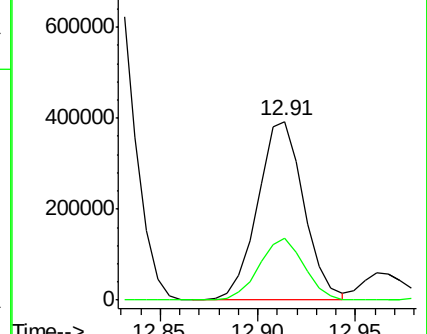
91 100

126 34.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#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

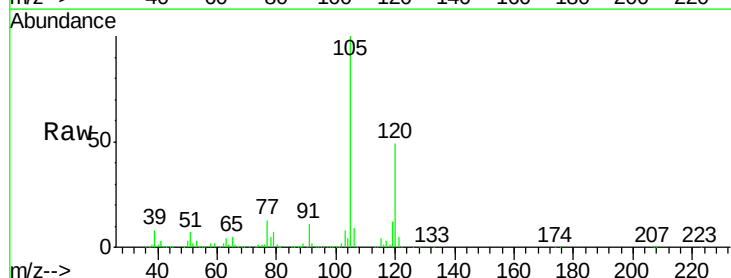
Acq: 26 Jun 2020 12:32

Tgt Ion:105 Resp: 825901

Ion Ratio Lower Upper

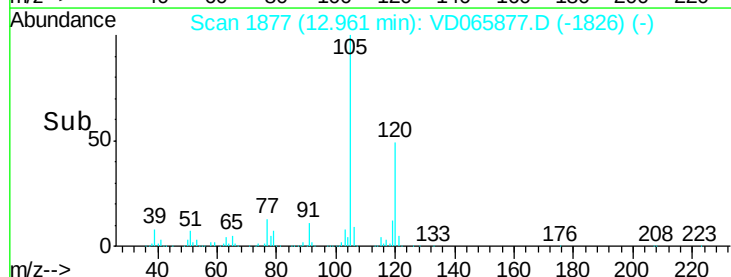
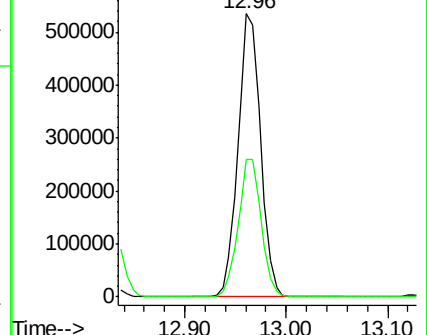
105 100

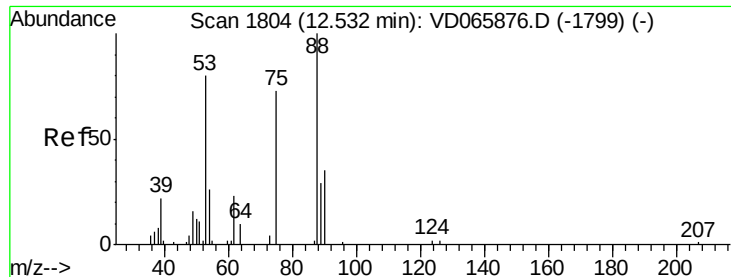
120 49.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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

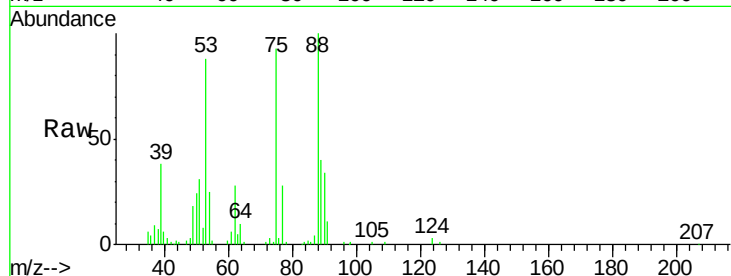
Tot Ion: 75 Resp: 53113

Ion Ratio Lower Upper

75 100

53 96.9 80.6 121.0

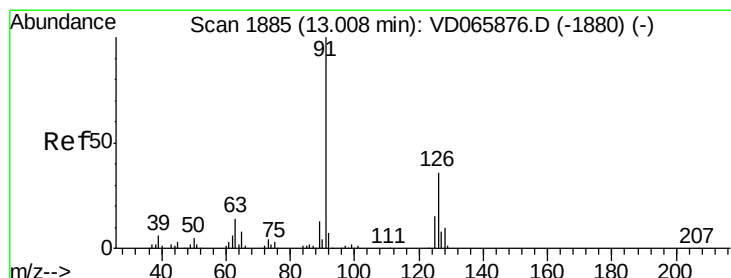
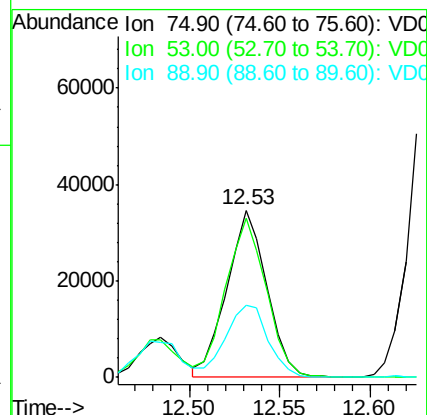
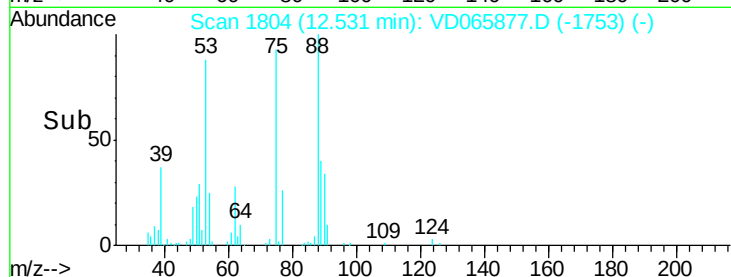
89 46.8 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 103.833 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065877.D

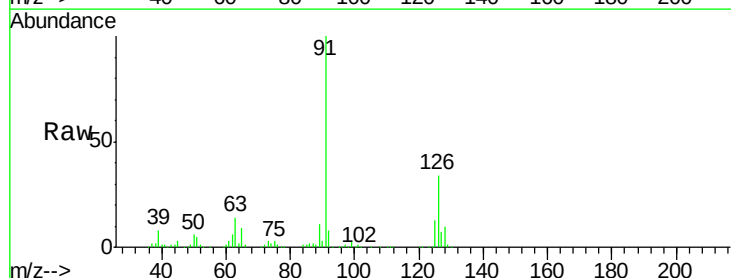
Acq: 26 Jun 2020 12:32

Tgt Ion: 91 Resp: 695478

Ion Ratio Lower Upper

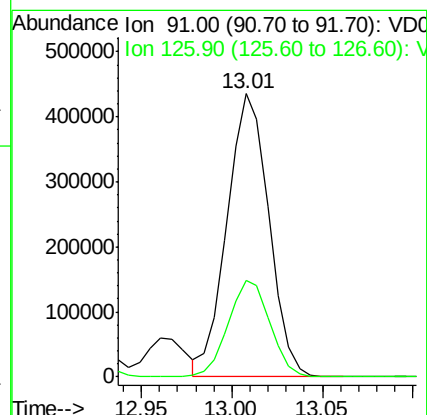
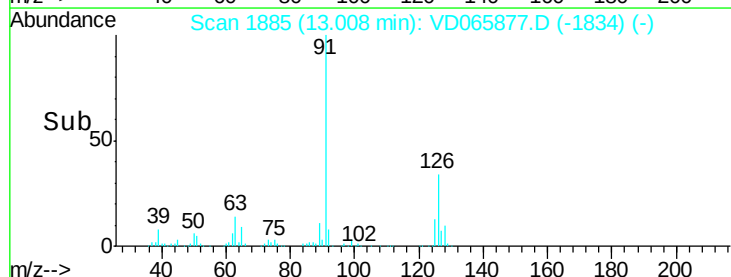
91 100

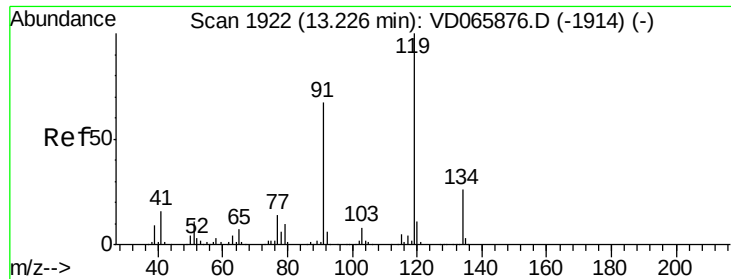
126 34.1 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

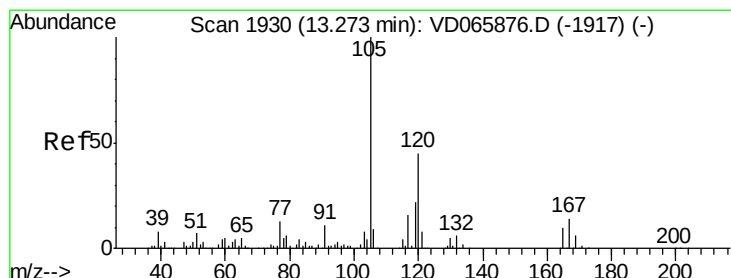
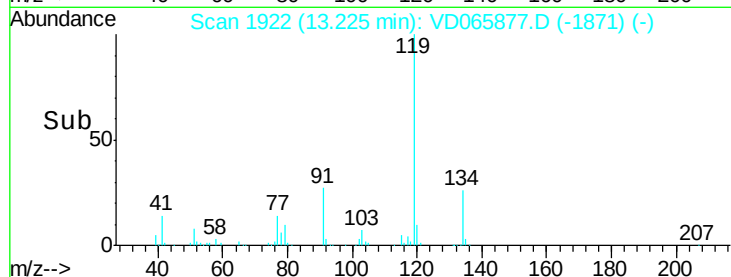
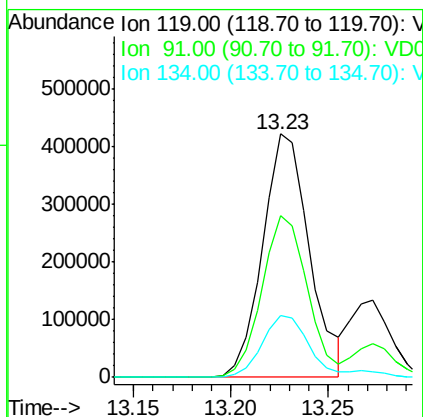
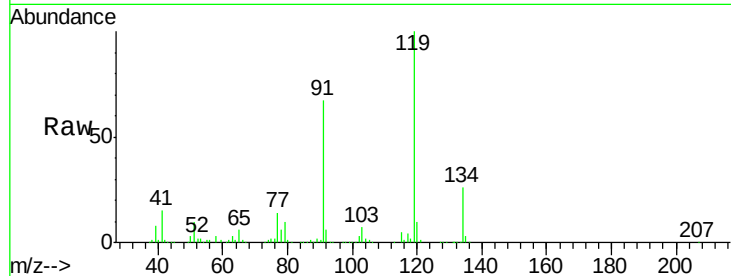




#83
 tert-Butylbenzene
 Concen: 105.758 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

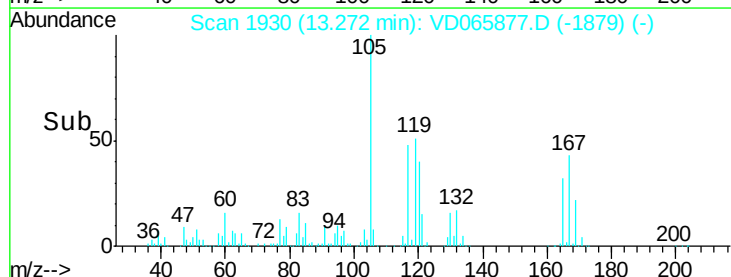
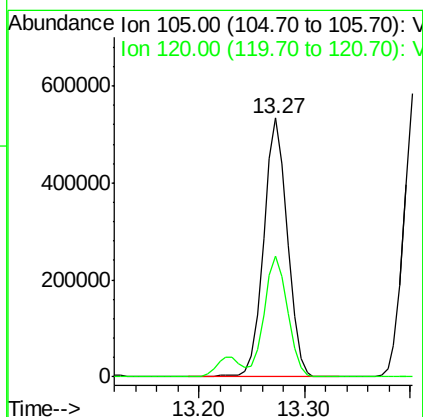
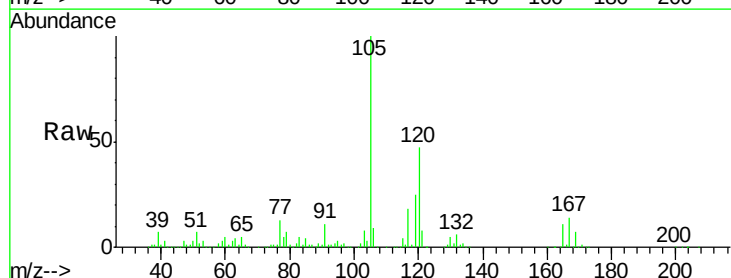
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

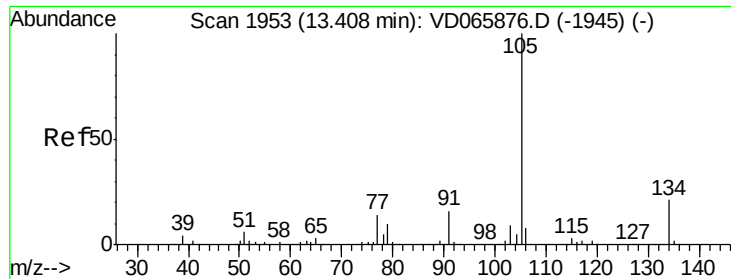
Tot Ion:119 Resp: 703029
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.2 96.6
 134 27.1 13.5 40.4



#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 :

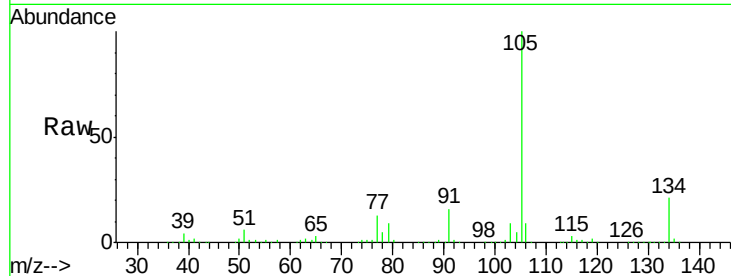
VSTDIC100

Tot Ion:105 Resp: 976514

Ion Ratio Lower Upper

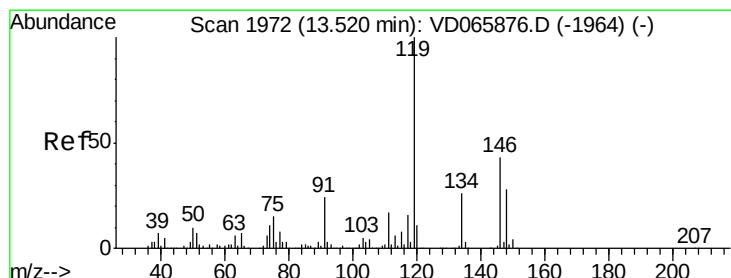
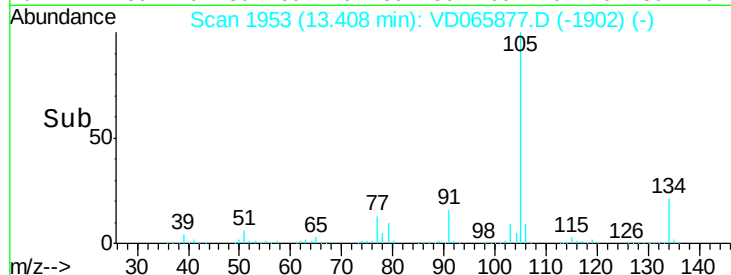
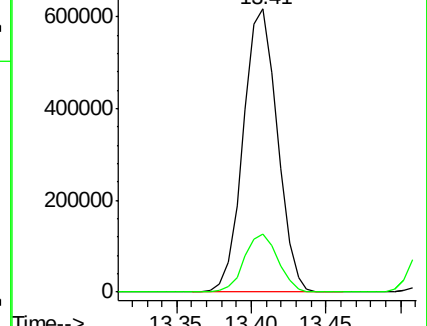
105 100

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

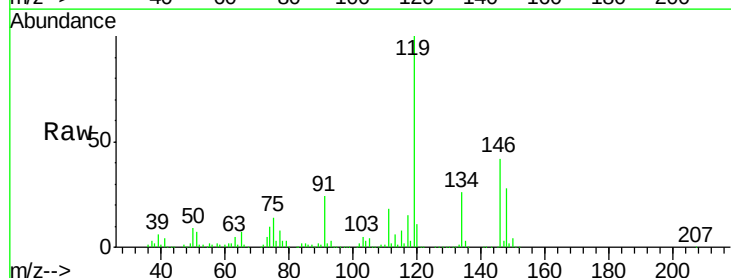
Tgt Ion:119 Resp: 919807

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

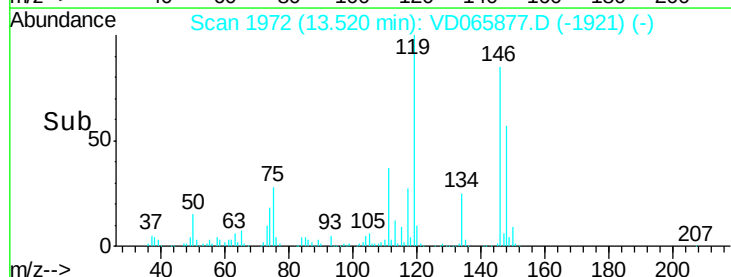
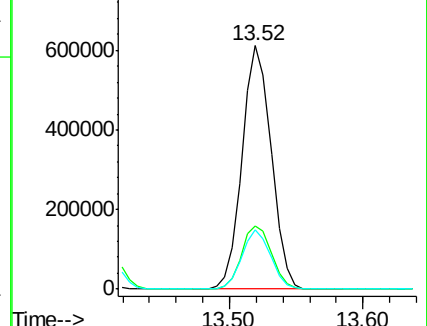
91 24.2 12.0 36.1

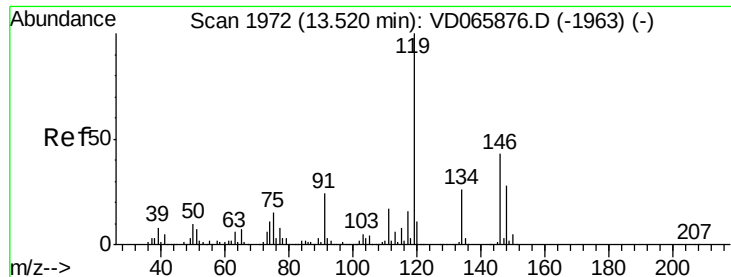


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

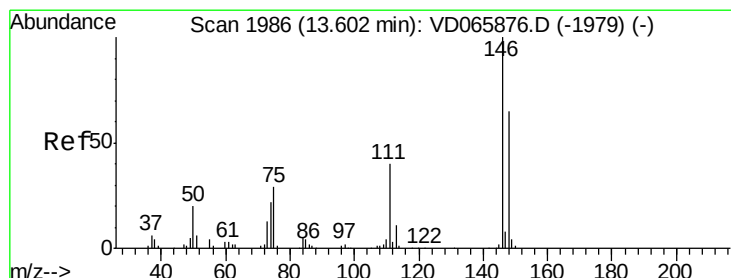
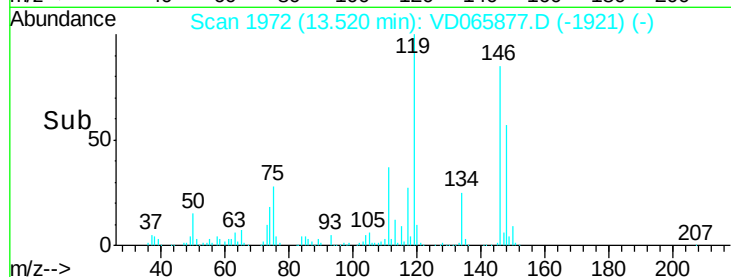
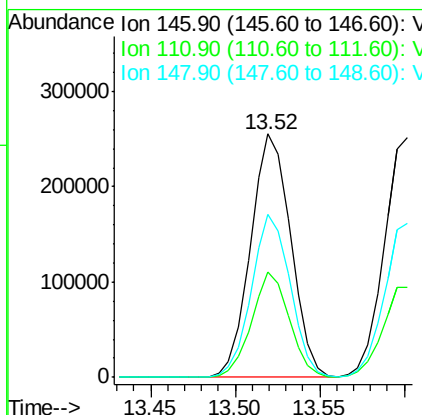
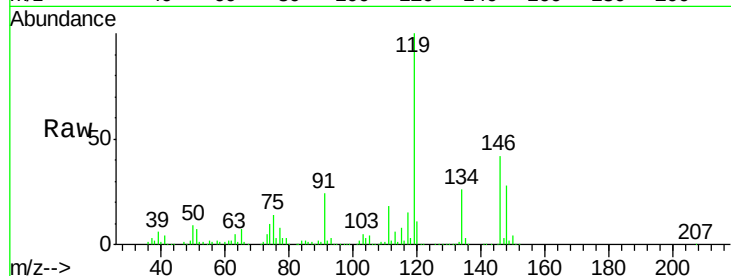




#87
 1,3-Dichlorobenzene
 Concen: 102.803 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

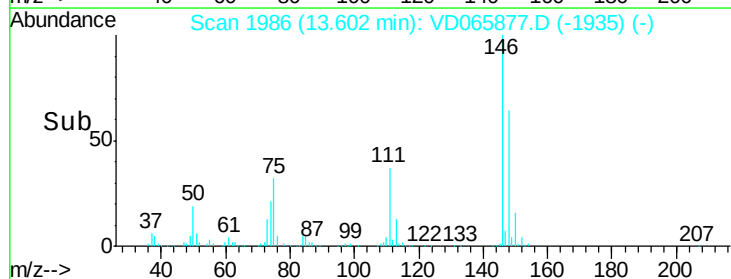
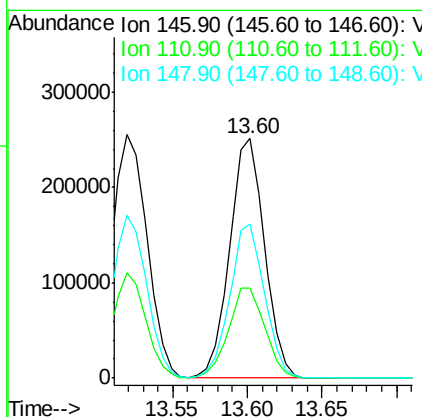
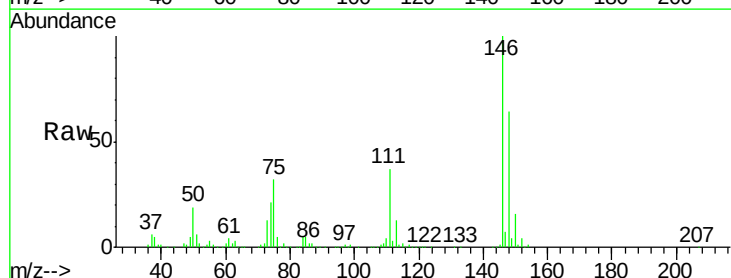
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

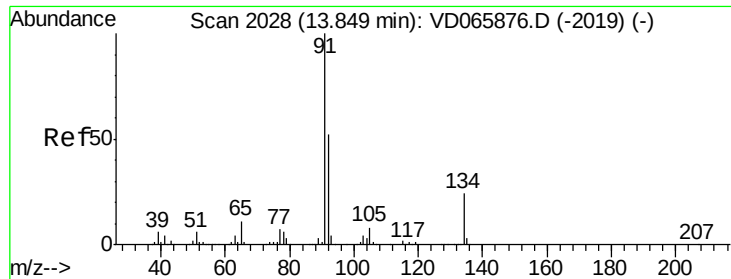
Tot Ion:146 Resp: 423060
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.4 58.4
 148 64.7 32.2 96.6



#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

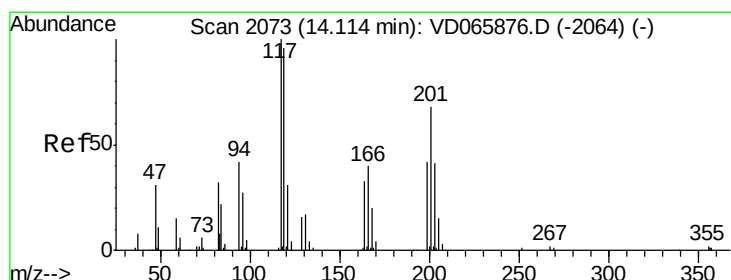
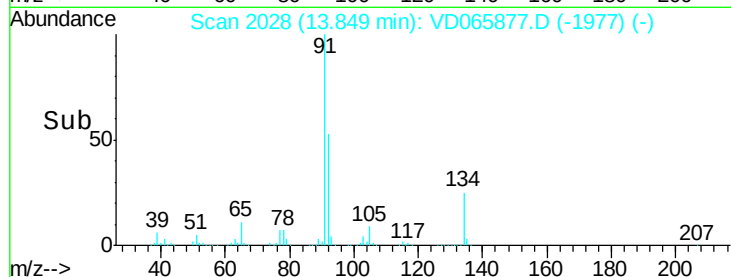
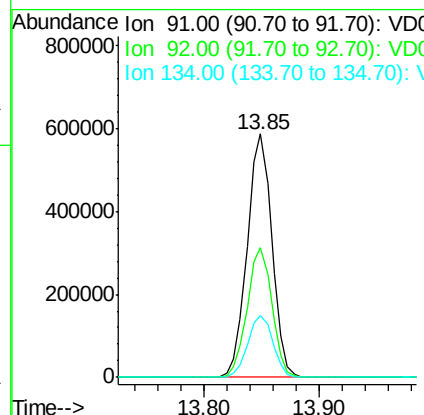
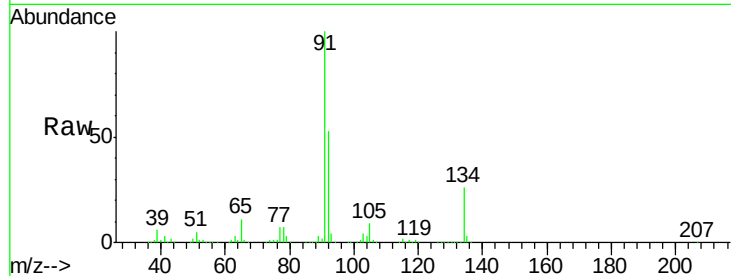




#89
n-Butylbenzene
Concen: 104.454 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

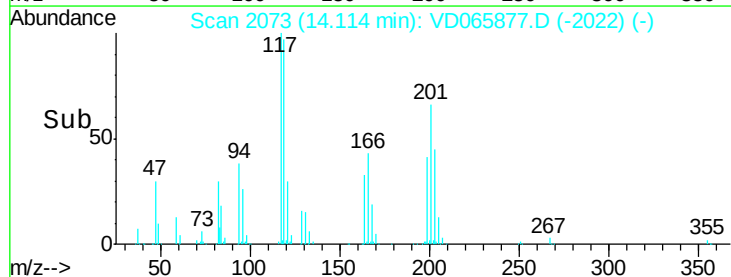
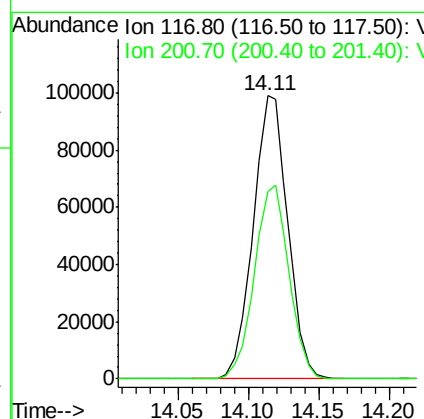
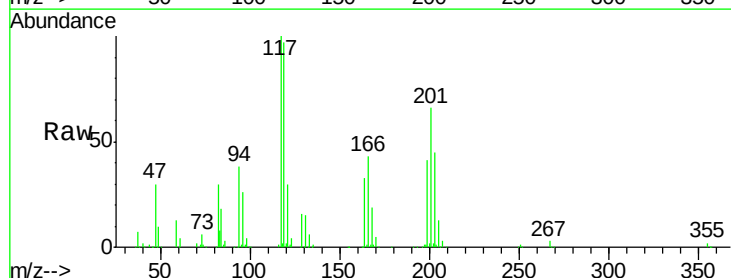
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

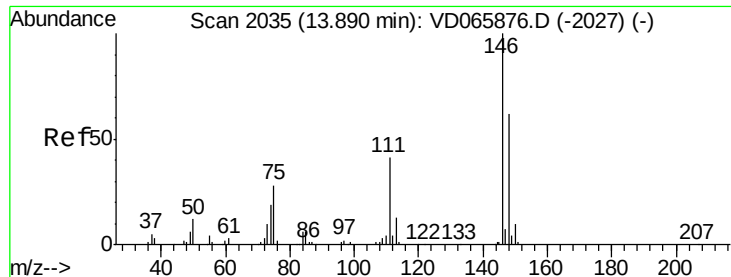
Tot Ion: 91 Resp: 873322
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 25.9 12.4 37.2



#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

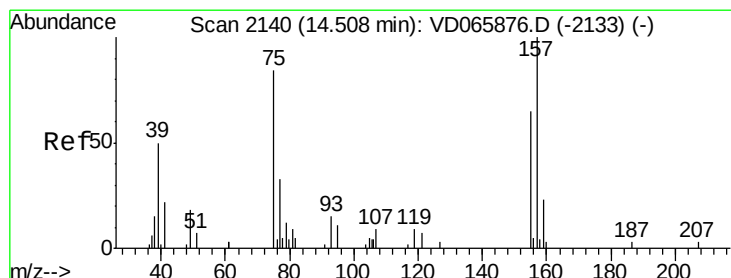
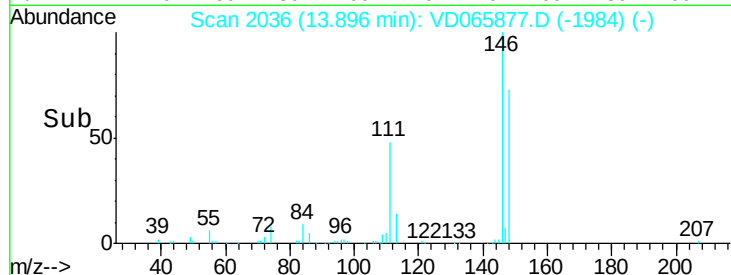
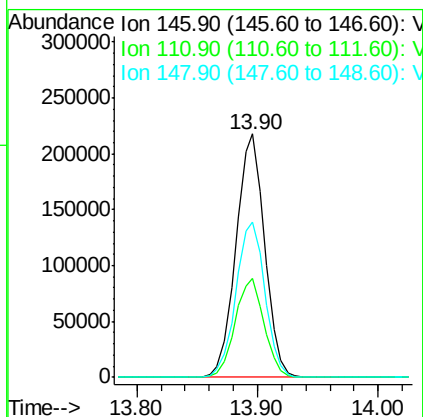
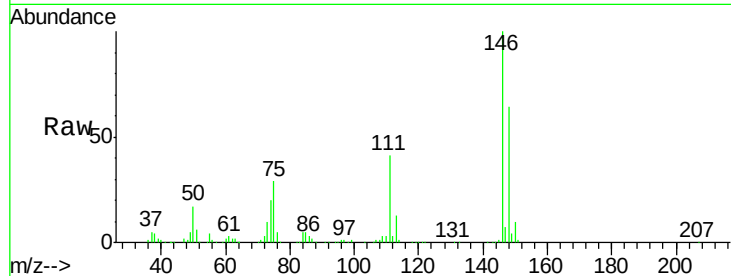




#91
1,2-Dichlorobenzene
Concen: 100.042 ug/l
RT: 13.90 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

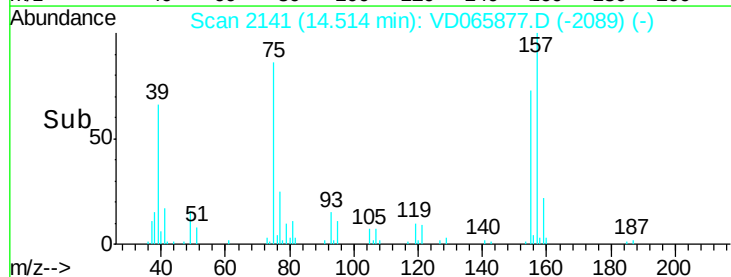
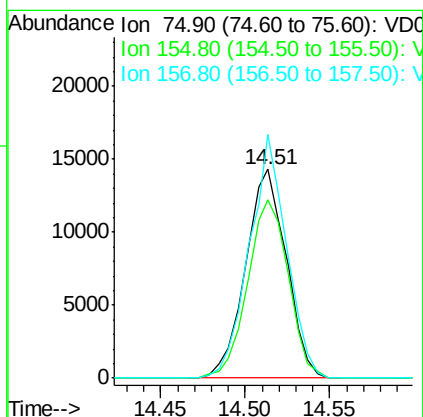
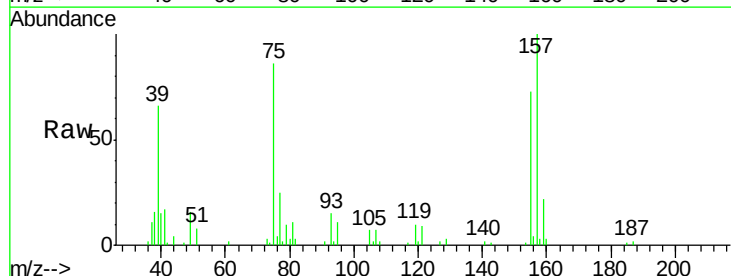
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

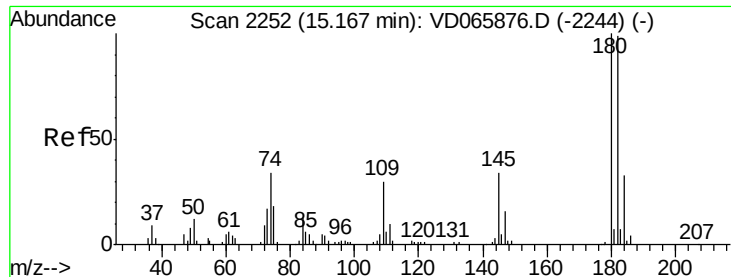
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	64.8	31.4	94.0



#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

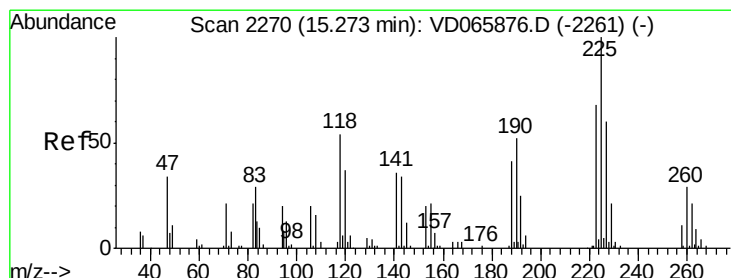
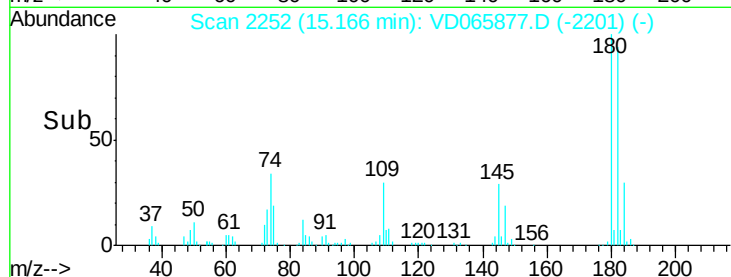
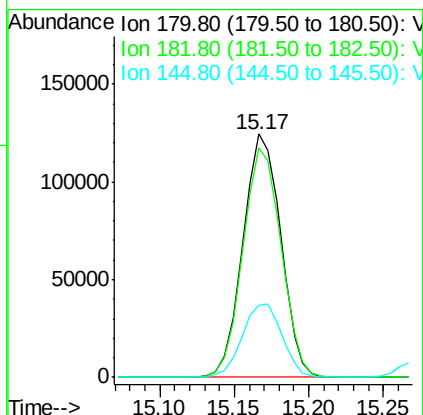
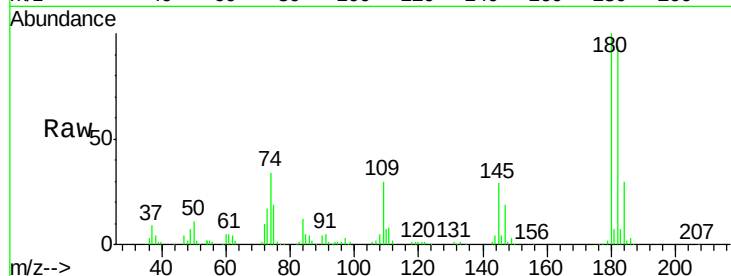




#93
 1,2,4-Trichlorobenzene
 Concen: 93.677 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065877.D
 Acq: 26 Jun 2020 12:32

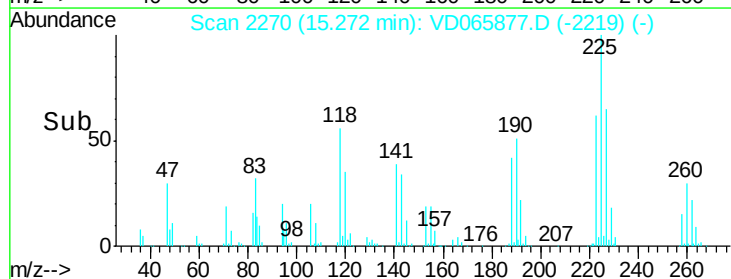
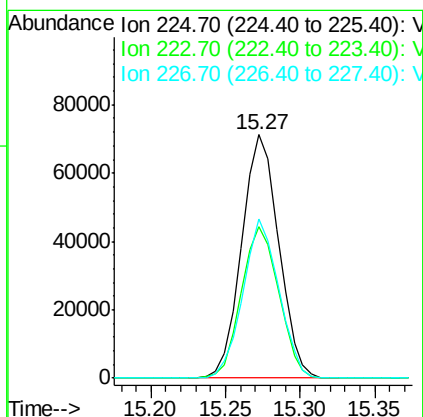
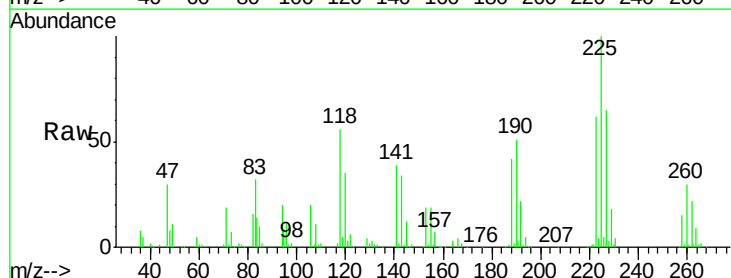
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

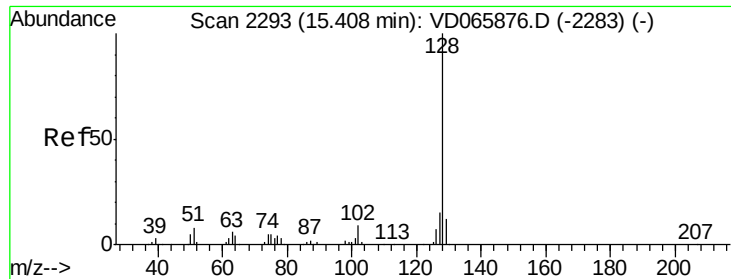
Tot Ion:180 Resp: 217633
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 31.7 16.0 48.0



#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

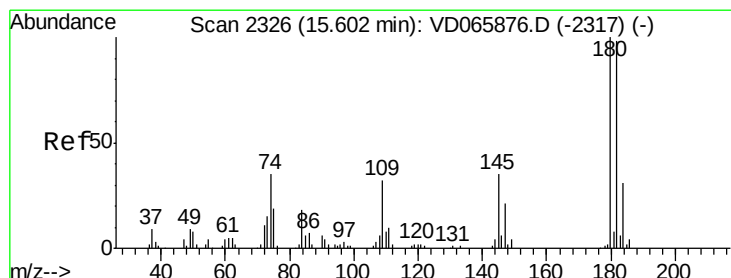
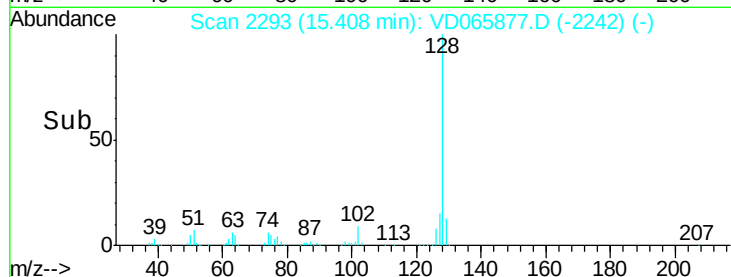
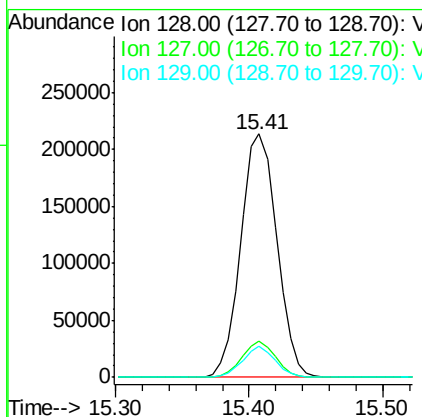
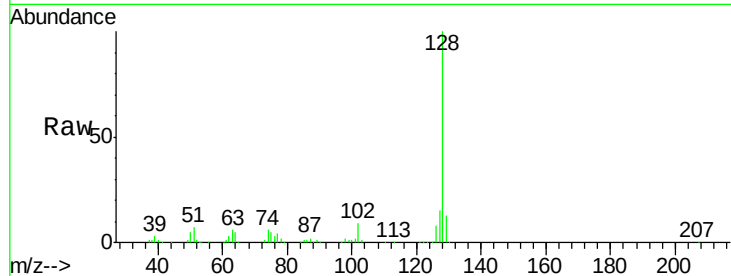




#95
Naphthalene
Concen: 98.809 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065877.D
Acq: 26 Jun 2020 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tot 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

