

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062620\
 Data File : VD065878.D
 Acq On : 26 Jun 2020 12:59
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 26 19:17:39 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	182278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	293949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	282479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	262669	139.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	278.26%	
35) Dibromofluoromethane	7.92	113	251301	142.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.00%	
50) Toluene-d8	10.34	98	1025347	149.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.34%	
62) 4-Bromofluorobenzene	12.64	95	354287	157.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	210444	122.211	ug/l	98
3) Chloromethane	2.21	50	316301	129.648	ug/l	100
4) Vinyl Chloride	2.35	62	333578	126.004	ug/l	98
5) Bromomethane	2.75	94	213280	123.359	ug/l	96
6) Chloroethane	2.91	64	210941	124.285	ug/l	97
7) Trichlorofluoromethane	3.27	101	454357	133.191	ug/l	96
8) Diethyl Ether	3.71	74	121188	139.476	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	255892	134.042	ug/l	97
10) Methyl Iodide	4.30	142	300048	169.187	ug/l	98
11) Tert butyl alcohol	5.23	59	70297	671.506	ug/l	95
12) 1,1-Dichloroethene	4.07	96	246507	135.987	ug/l	94
13) Acrolein	3.92	56	92417	692.485	ug/l	99
14) Allyl chloride	4.71	41	413546	146.789	ug/l	95
15) Acrylonitrile	5.43	53	270940	716.320	ug/l	100
16) Acetone	4.16	43	267555	717.343	ug/l #	89
17) Carbon Disulfide	4.41	76	814621	136.240	ug/l	100
18) Methyl Acetate	4.71	43	117544	147.802	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	587604	151.255	ug/l	97
20) Methylene Chloride	4.96	84	264783	117.167	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	287028	140.640	ug/l	97
22) Diisopropyl ether	6.36	45	925703	159.483	ug/l	95
23) Vinyl Acetate	6.31	43	2701769	801.299	ug/l	100
24) 1,1-Dichloroethane	6.27	63	494755	140.585	ug/l	99
25) 2-Butanone	7.21	43	374560	756.023	ug/l	100
26) 2,2-Dichloropropane	7.21	77	470121	147.161	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	316627	144.305	ug/l	99
28) Bromochloromethane	7.55	49	194604	150.445	ug/l	97
29) Tetrahydrofuran	7.56	42	243116	792.118	ug/l	96
30) Chloroform	7.71	83	529966	142.655	ug/l	100
31) Cyclohexane	7.98	56	474178	141.497	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	490185	142.074	ug/l	99
36) 1,1-Dichloropropene	8.11	75	418289	144.168	ug/l	98
37) Ethyl Acetate	7.30	43	165574	149.748	ug/l #	96
38) Carbon Tetrachloride	8.10	117	450574	145.866	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	501405	148.082	ug/l	97
40) Benzene	8.35	78	1188310	148.653	ug/l	97
41) Methacrylonitrile	7.54	41	100255m	145.980	ug/l	
42) 1,2-Dichloroethane	8.43	62	332216	142.150	ug/l	100
43) Isopropyl Acetate	8.46	43	331566	154.835	ug/l	97
44) Trichloroethene	9.11	130	301570	141.718	ug/l	100
45) 1,2-Dichloropropane	9.39	63	273012	141.540	ug/l	97
46) Dibromomethane	9.48	93	150428	144.754	ug/l	99
47) Bromodichloromethane	9.66	83	415132	146.705	ug/l	97
48) Methyl methacrylate	9.46	41	153741	146.920	ug/l	96
49) 1,4-Dioxane	9.47	88	32461	2807.490	ug/l #	91
51) 4-Methyl-2-Pentanone	10.23	43	884306	818.111	ug/l	100
52) Toluene	10.41	92	818484	159.522	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	412409	157.908	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	466453	149.268	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	213705	153.276	ug/l	91
56) Ethyl methacrylate	10.66	69	285732	165.392	ug/l	96
57) 1,3-Dichloropropane	10.95	76	370523	149.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	595893	788.003	ug/l	100
59) 2-Hexanone	10.99	43	606750	794.025	ug/l	98
60) Dibromochloromethane	11.14	129	293905	156.292	ug/l	99
61) 1,2-Dibromoethane	11.25	107	209245	154.384	ug/l	100
64) Tetrachloroethene	10.88	164	256789	139.821	ug/l	98
65) Chlorobenzene	11.67	112	821898	147.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	306380	148.456	ug/l	98
67) Ethyl Benzene	11.75	91	1575899	152.554	ug/l	100
68) m/p-Xylenes	11.86	106	1205638	305.962	ug/l	99
69) o-Xylene	12.18	106	546393	154.729	ug/l	99
70) Styrene	12.20	104	963673	155.932	ug/l	100
71) Bromoform	12.37	173	159160	144.766	ug/l #	100
73) Isopropylbenzene	12.48	105	1522864	149.688	ug/l	99
74) N-amyl acetate	12.29	43	339624	152.879	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	239712	142.915	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	184463m	156.402	ug/l	
77) Bromobenzene	12.77	156	326392	142.530	ug/l	96
78) n-propylbenzene	12.83	91	1819462	148.092	ug/l	100
79) 2-Chlorotoluene	12.91	91	1001694	148.374	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	1271989	150.048	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	86035	150.192	ug/l	95
82) 4-Chlorotoluene	13.01	91	1075200	148.099	ug/l	98
83) tert-Butylbenzene	13.23	119	1082590	150.251	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1266066	150.080	ug/l	100
85) sec-Butylbenzene	13.41	105	1514906	148.814	ug/l	99
86) p-Isopropyltoluene	13.52	119	1399543	149.730	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	641568	143.833	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	624283	139.994	ug/l	100
89) n-Butylbenzene	13.85	91	1339998	147.865	ug/l	99
90) Hexachloroethane	14.12	117	265359	140.805	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	556513	142.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	38282	142.483	ug/l	93

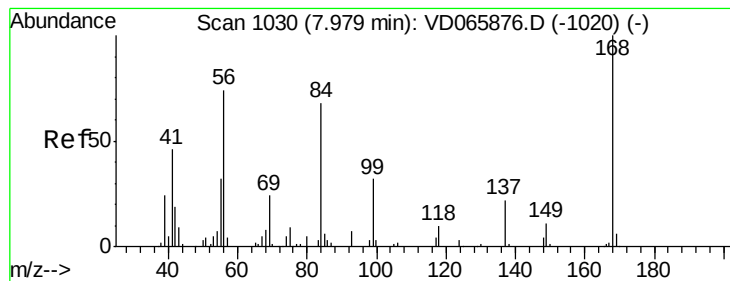
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	348151	138.258	ug/l	100
94) Hexachlorobutadiene	15.27	225	193783	139.876	ug/l	97
95) Naphthalene	15.41	128	667060	152.159	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	297735	143.112	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

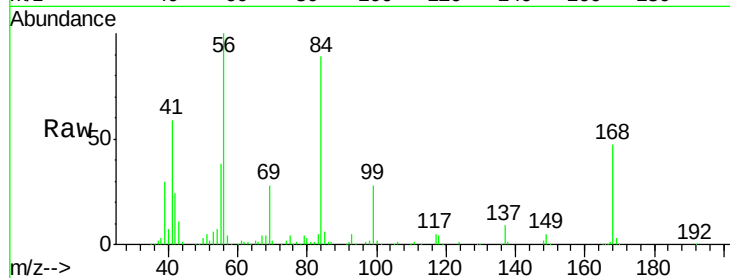
VSTDIC150

Tot Ion:168 Resp: 182278

Ion Ratio Lower Upper

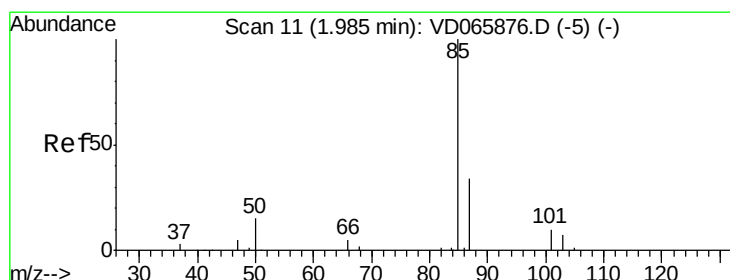
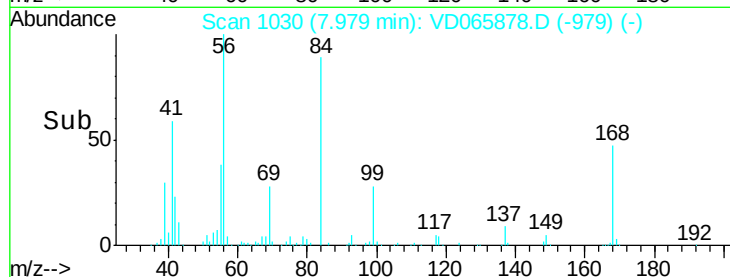
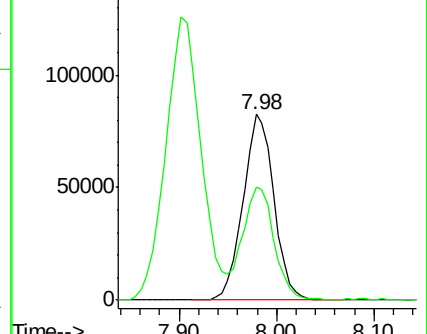
168 100

99 60.2 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: 122.211 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065878.D

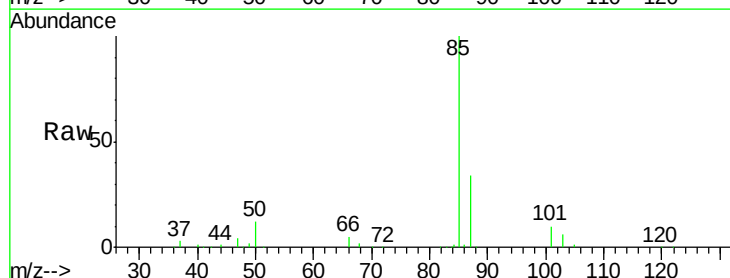
Acq: 26 Jun 2020 12:59

Tgt Ion: 85 Resp: 210444

Ion Ratio Lower Upper

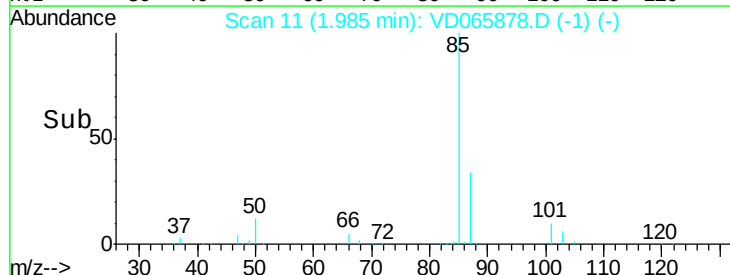
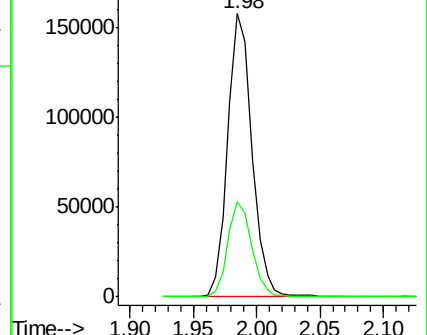
85 100

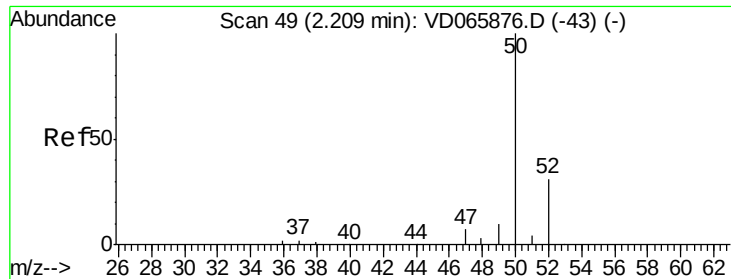
87 33.5 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 129.648 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

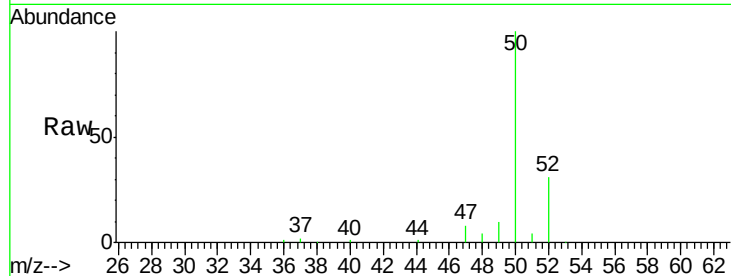
VSTDIC150

Tot Ion: 50 Resp: 316301

Ion Ratio Lower Upper

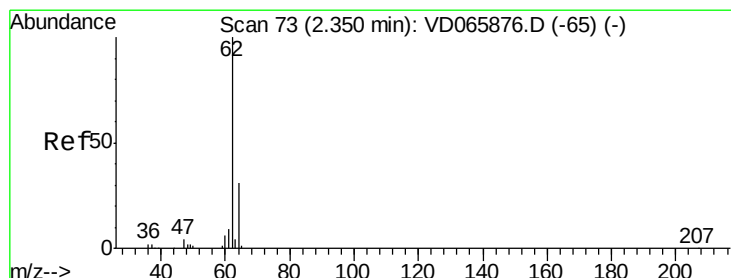
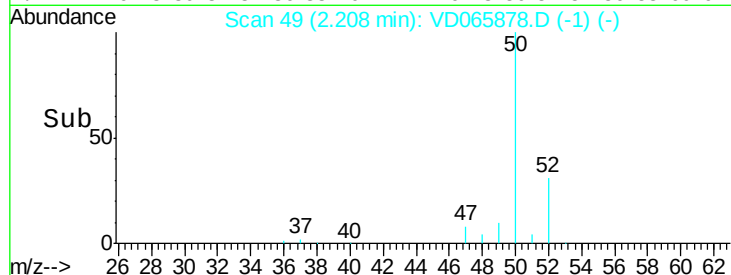
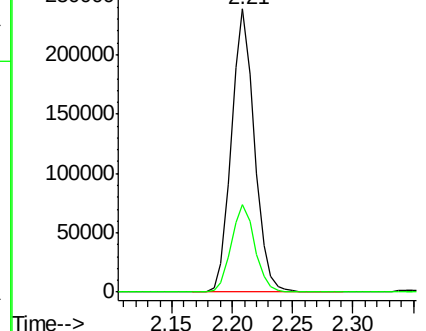
50 100

52 30.8 24.7 37.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 126.004 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065878.D

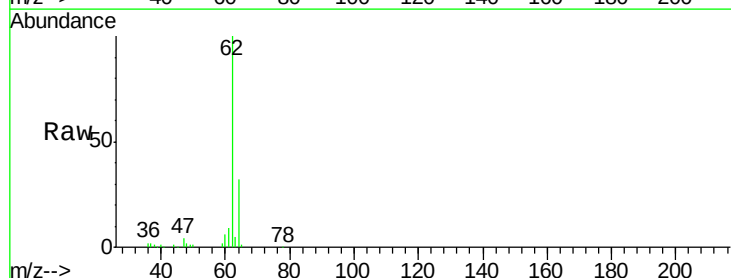
Acq: 26 Jun 2020 12:59

Tgt Ion: 62 Resp: 333578

Ion Ratio Lower Upper

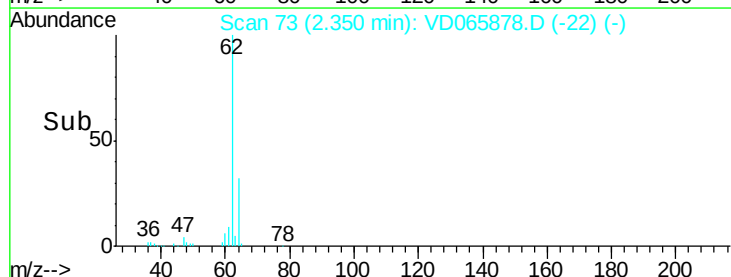
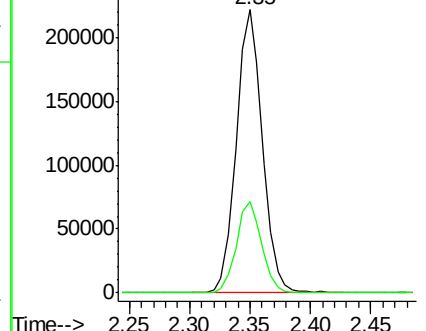
62 100

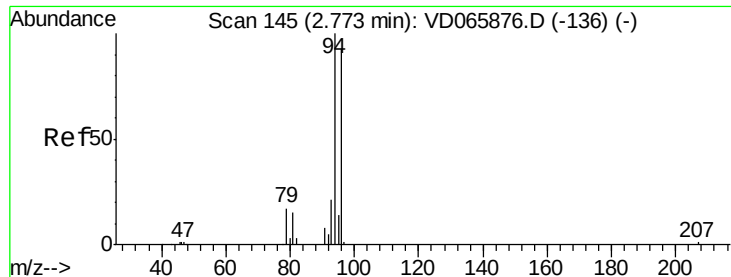
64 32.3 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 123.359 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

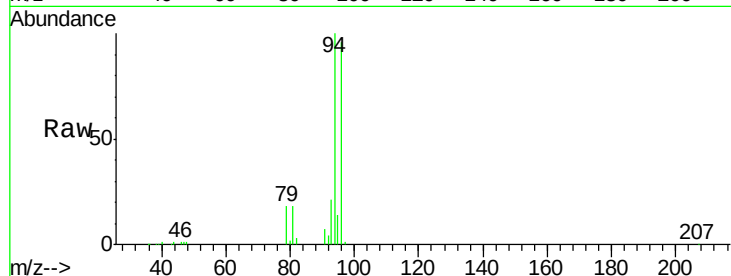
VSTDIC150

Tot Ion: 94 Resp: 213280

Ion Ratio Lower Upper

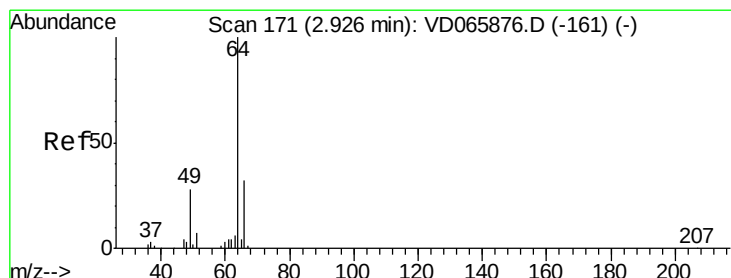
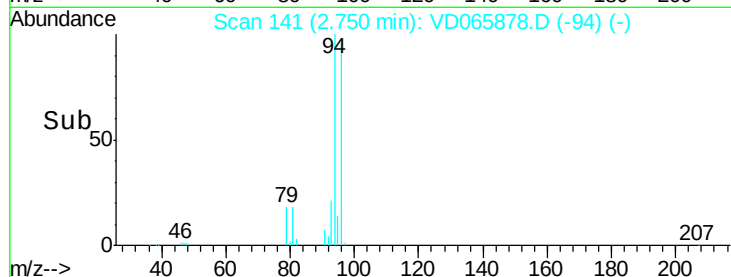
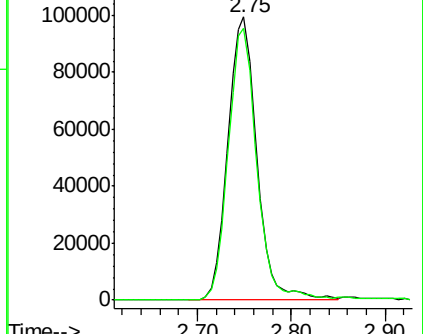
94 100

96 96.1 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: 124.285 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065878.D

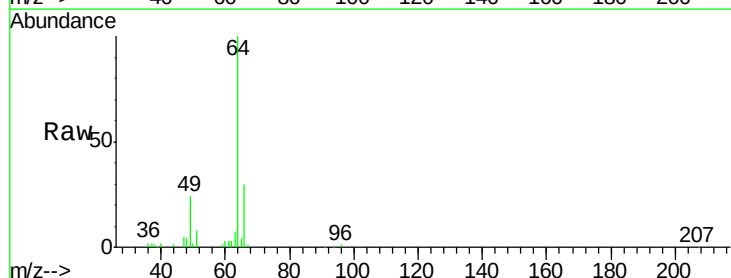
Acq: 26 Jun 2020 12:59

Tgt Ion: 64 Resp: 210941

Ion Ratio Lower Upper

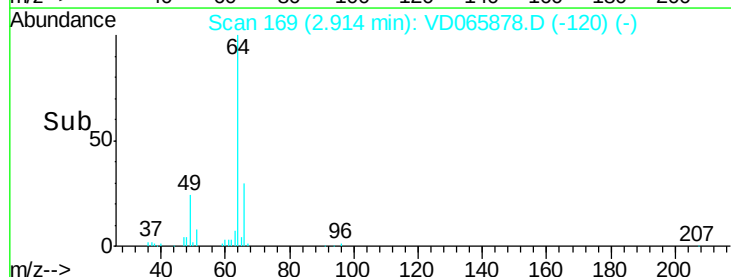
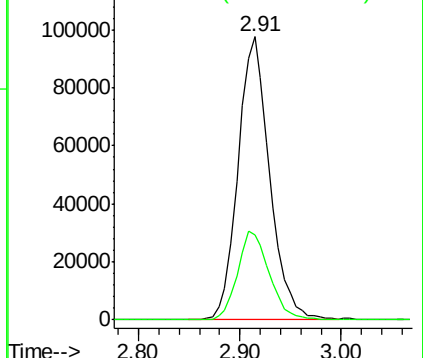
64 100

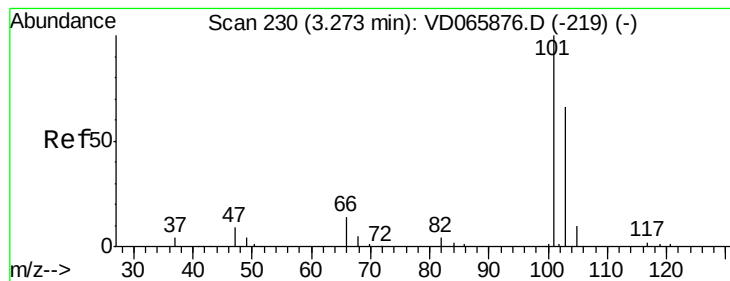
66 30.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



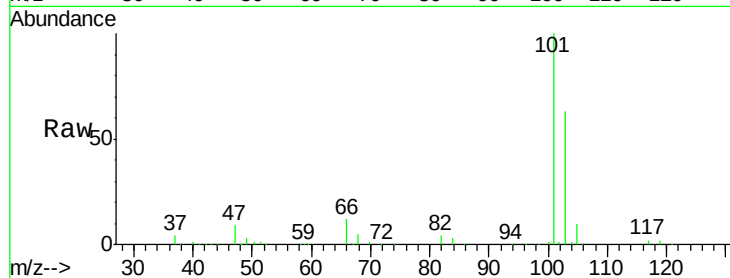


#7

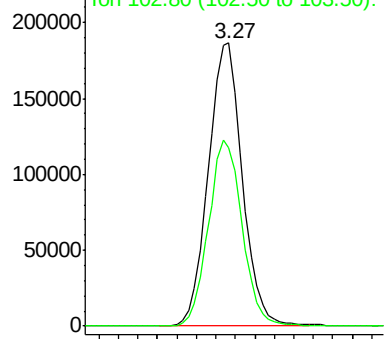
Trichlorofluoromethane
Concen: 133.191 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

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ClientSampleId :
VSTDIC150

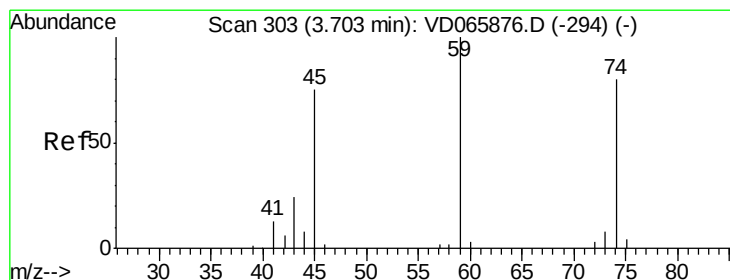
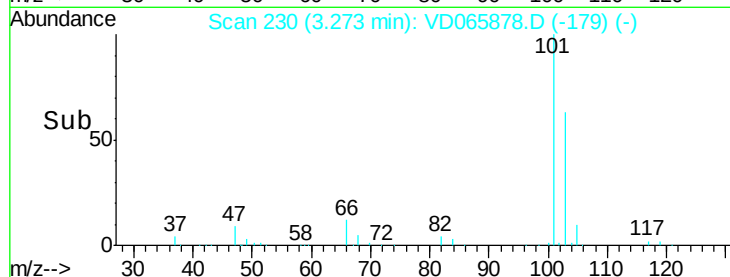
Tot Ion:101 Resp: 454357
Ion Ratio Lower Upper
101 100
103 63.1 52.9 79.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



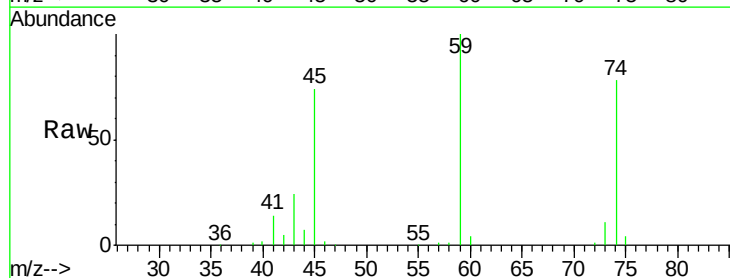
Time-->



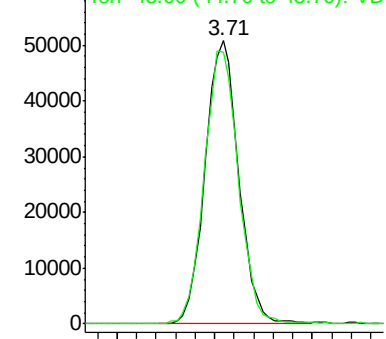
#8

Diethyl Ether
Concen: 139.476 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

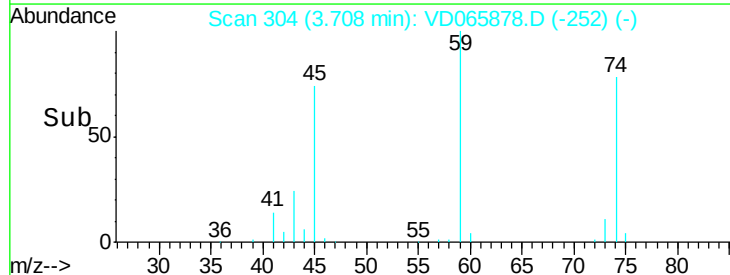
Tgt Ion: 74 Resp: 121188
Ion Ratio Lower Upper
74 100
45 98.1 48.6 145.8

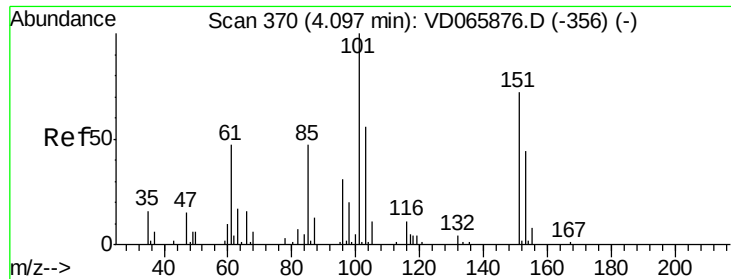


Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 134.042 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

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ClientSampleId :

VSTDIC150

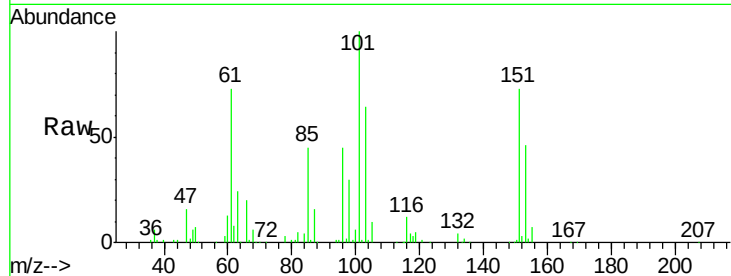
Tot Ion:101 Resp: 255892

Ion Ratio Lower Upper

101 100

85 44.9 38.6 58.0

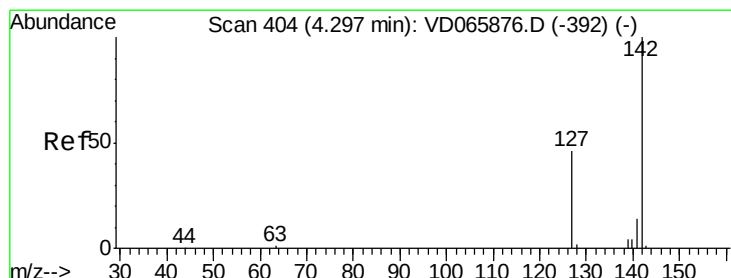
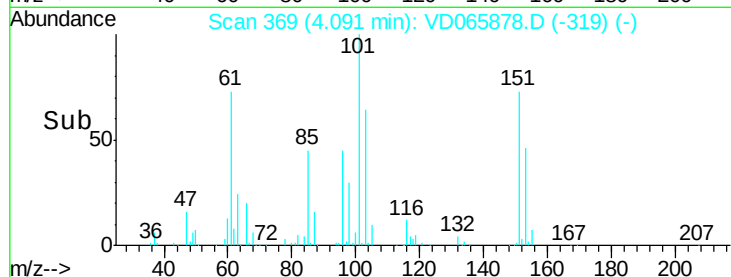
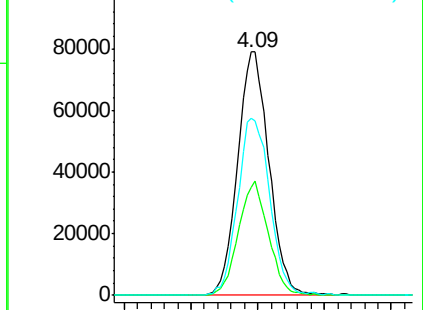
151 74.4 60.7 91.1



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: 169.187 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

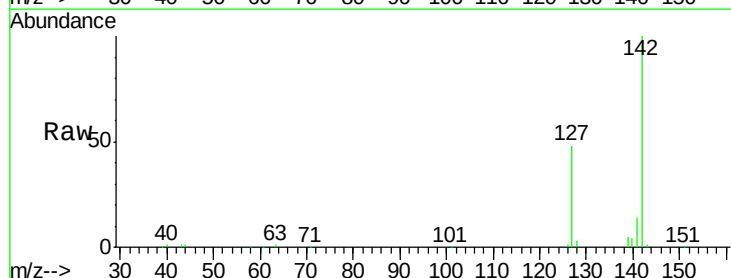
Tgt Ion:142 Resp: 300048

Ion Ratio Lower Upper

142 100

127 47.6 39.0 58.6

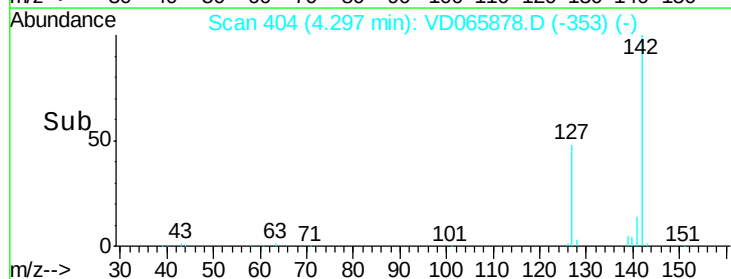
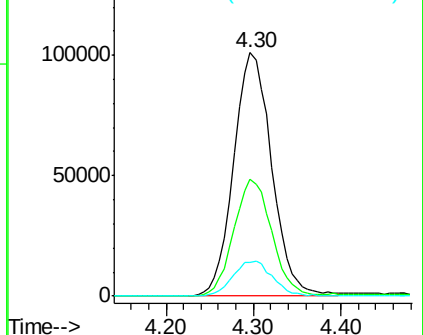
141 14.9 11.5 17.3

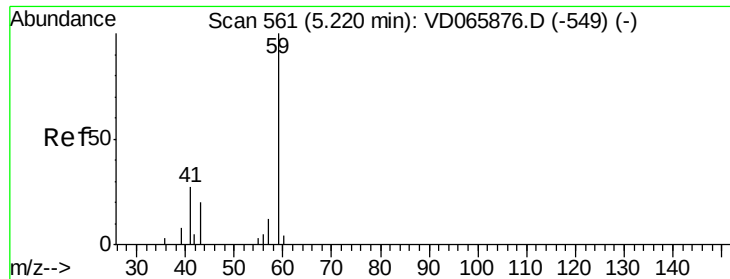


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

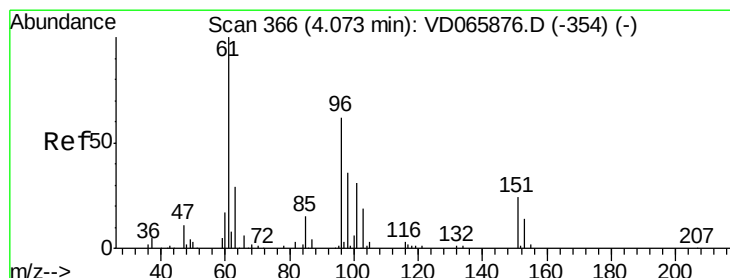
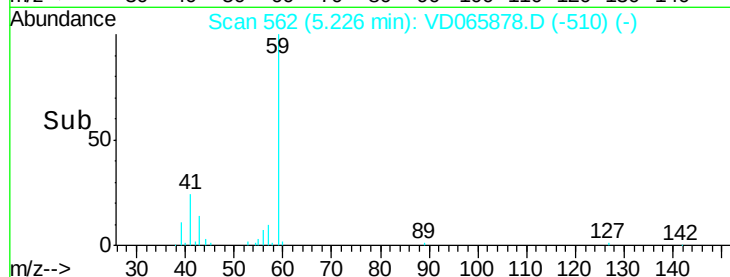
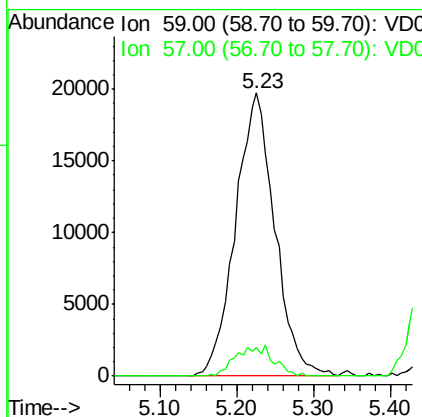
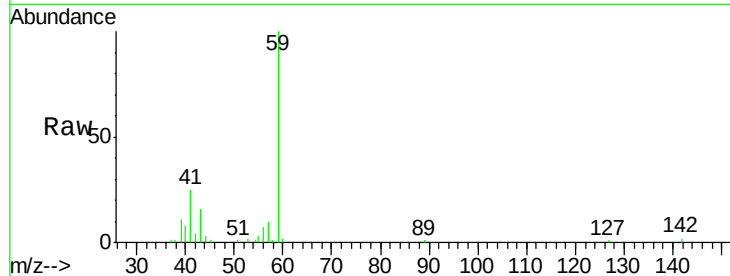




#11
Tert butyl alcohol
Concen: 671.506 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

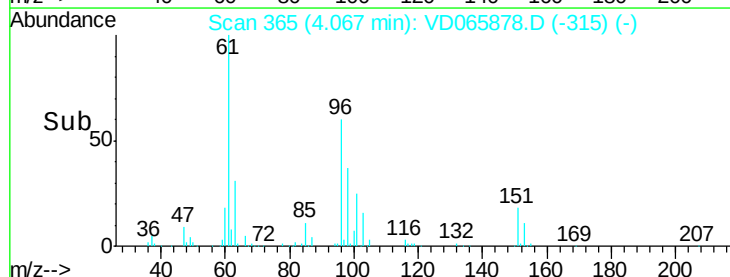
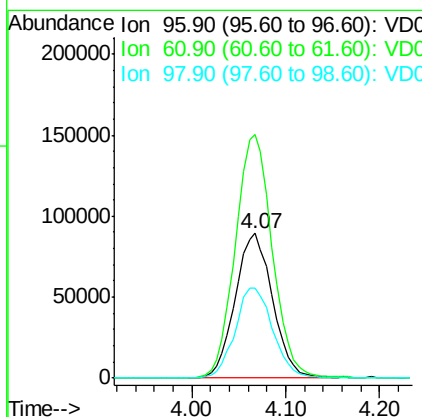
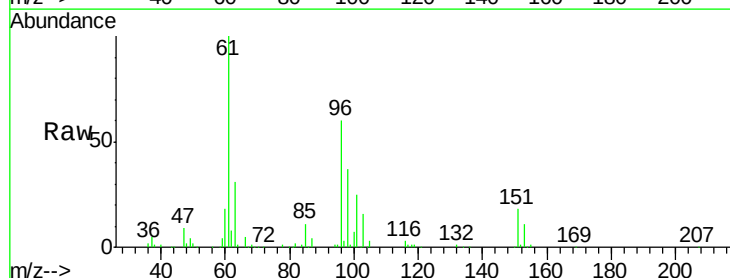
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

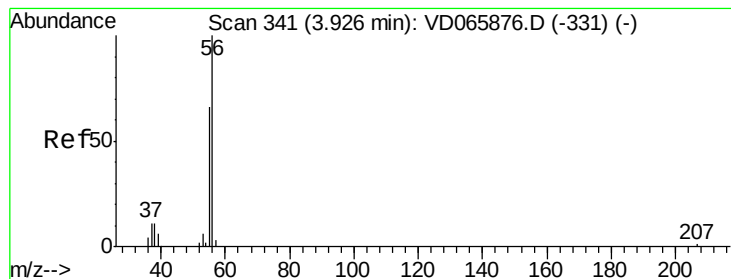
Tot Ion: 59 Resp: 70297
Ion Ratio Lower Upper
59 100
57 10.3 9.7 14.5



#12
1,1-Dichloroethene
Concen: 135.987 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 96 Resp: 246507
Ion Ratio Lower Upper
96 100
61 167.9 128.3 192.5
98 62.4 46.2 69.2





#13

Acrolein

Concen: 692.485 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

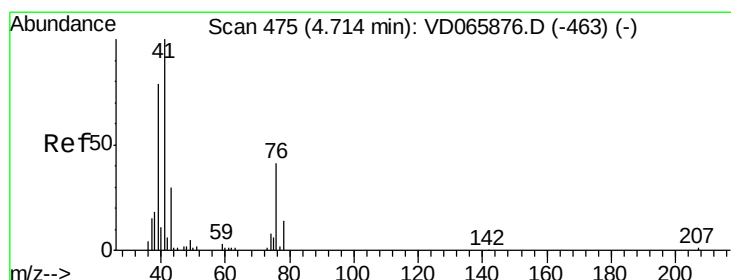
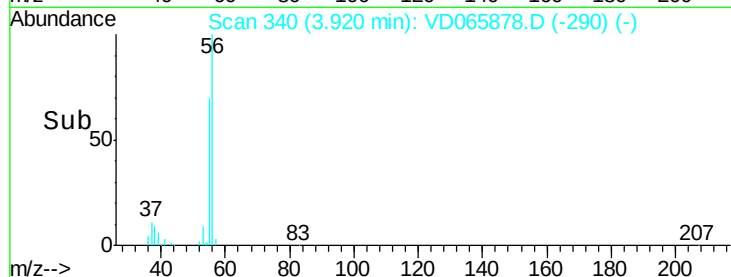
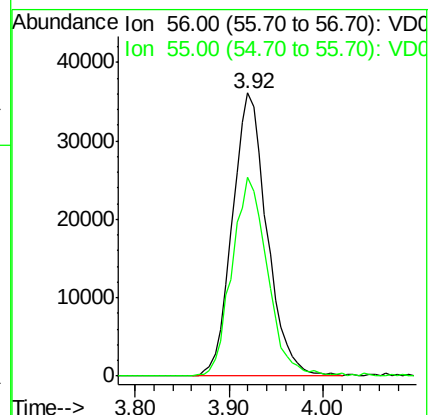
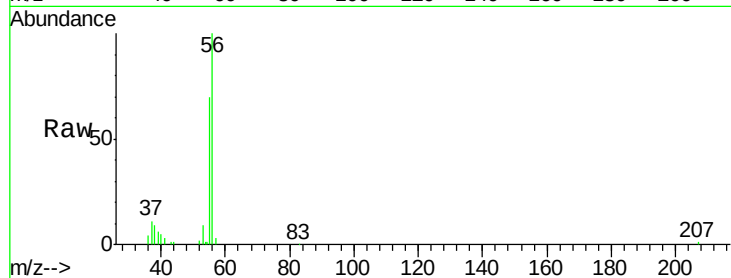
VSTDIC150

Tot Ion: 56 Resp: 92417

Ion Ratio Lower Upper

56 100

55 71.7 58.1 87.1



#14

Allyl chloride

Concen: 146.789 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

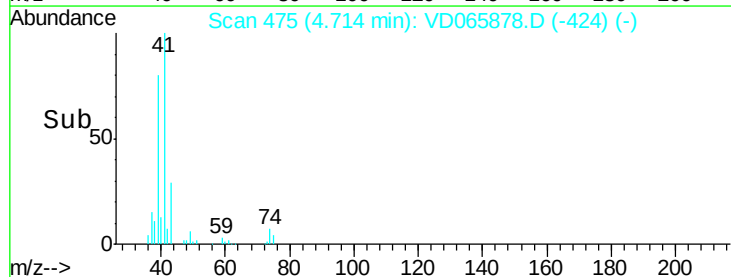
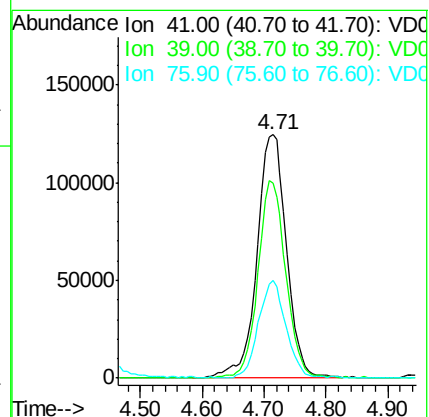
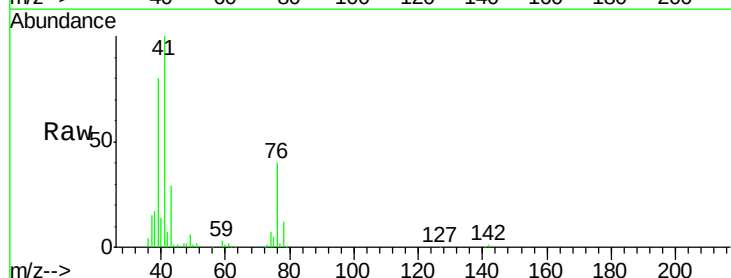
Tgt Ion: 41 Resp: 413546

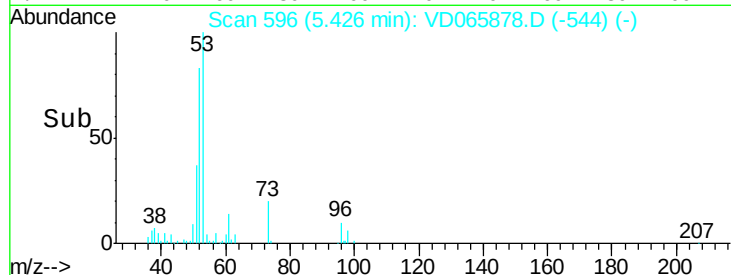
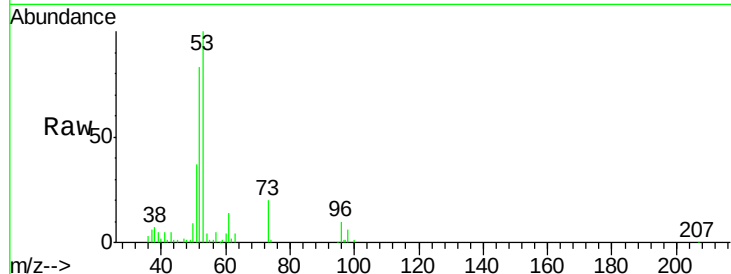
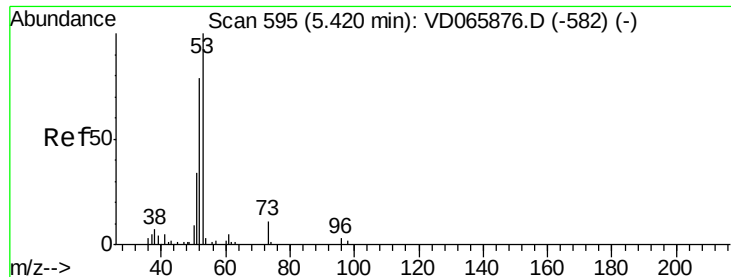
Ion Ratio Lower Upper

41 100

39 76.5 63.8 95.8

76 36.6 32.2 48.4

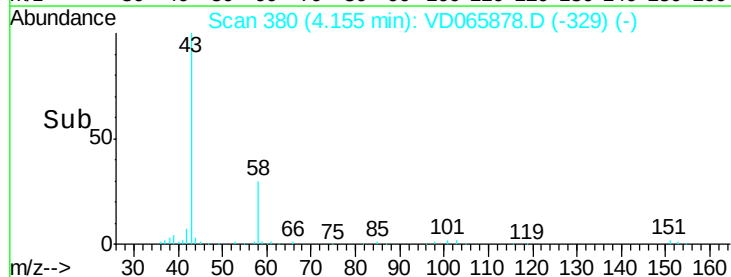
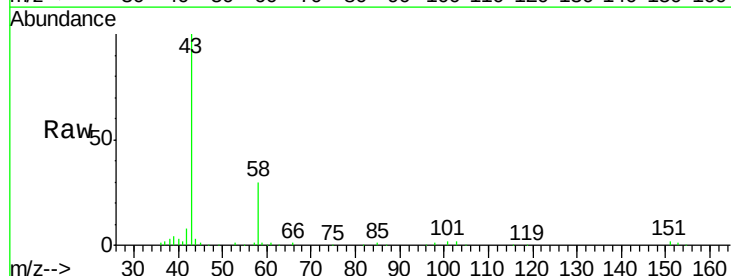
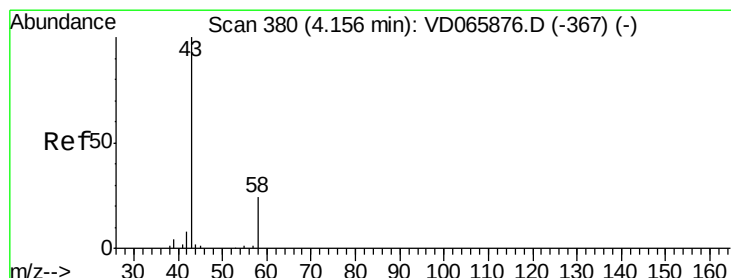
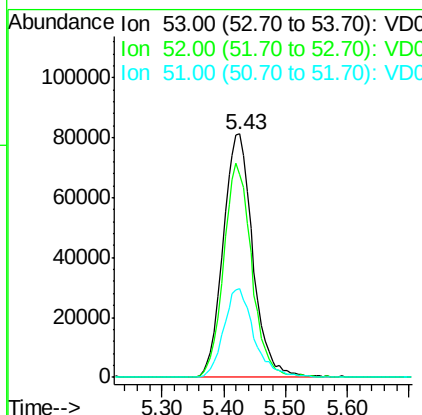




#15
 Acrylonitrile
 Concen: 716.320 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

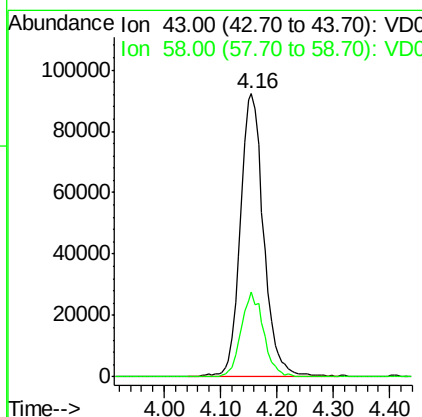
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

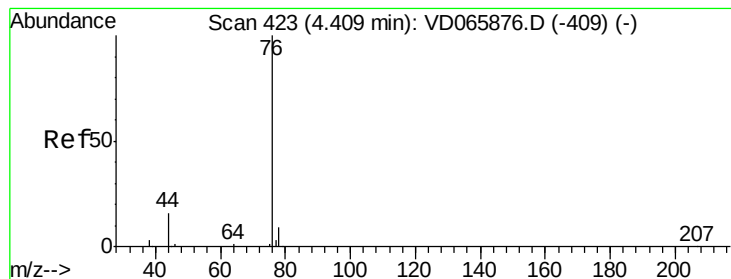
Tot Ion	53	Resp	270940
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.3	99.5
51	37.4	29.9	44.9



#16
 Acetone
 Concen: 717.343 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion	43	Resp	267555
Ion Ratio	Lower	Upper	
43	100		
58	29.9	19.5	29.3#





#17

Carbon Disulfide

Concen: 136.240 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

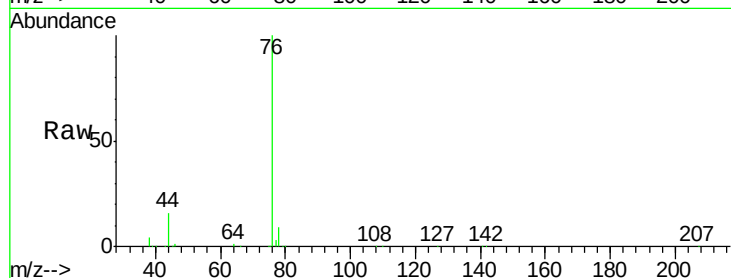
VSTDIC150

Tot Ion: 76 Resp: 814621

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

300000

250000

200000

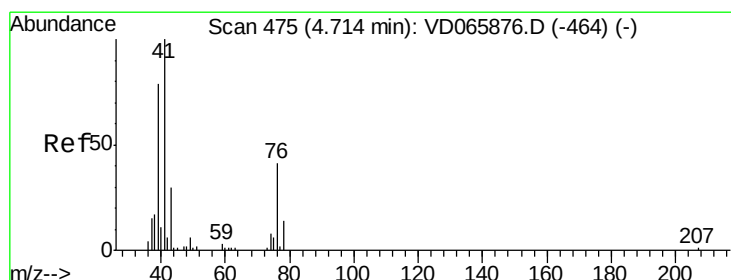
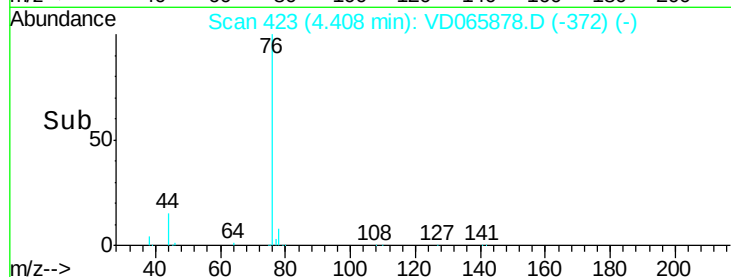
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 147.802 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065878.D

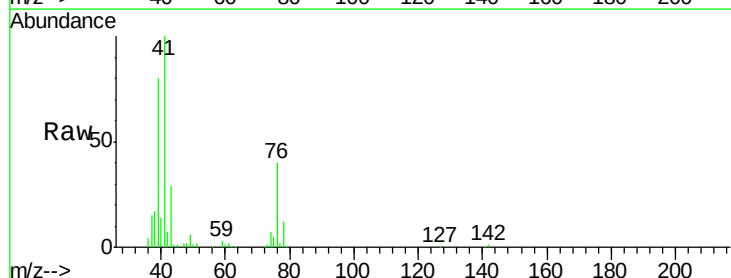
Acq: 26 Jun 2020 12:59

Tgt Ion: 43 Resp: 117544

Ion Ratio Lower Upper

43 100

74 23.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

40000

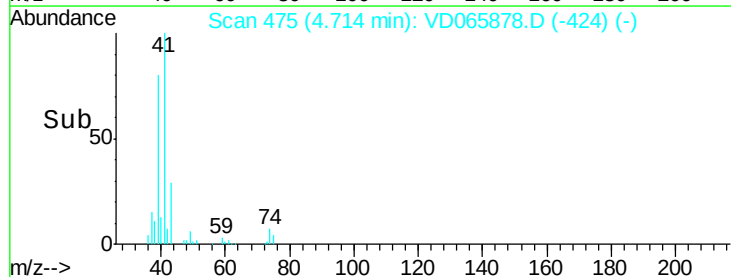
30000

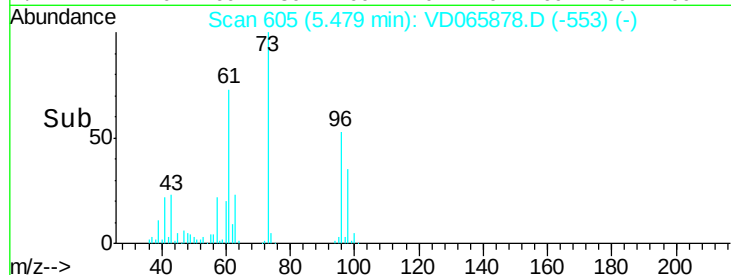
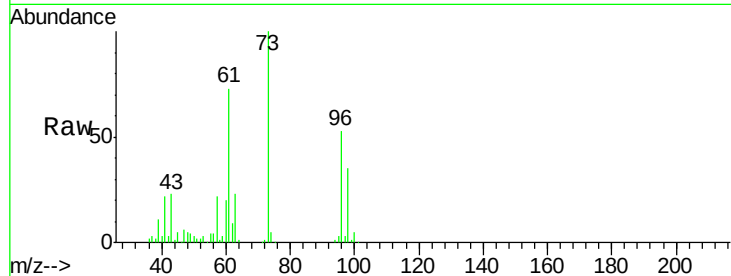
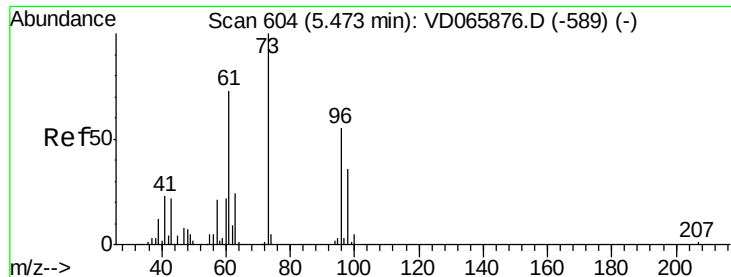
20000

10000

0

Time-->

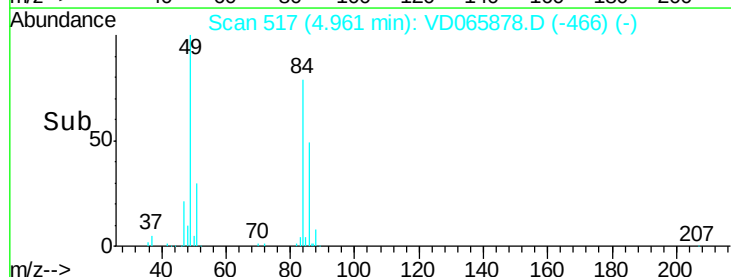
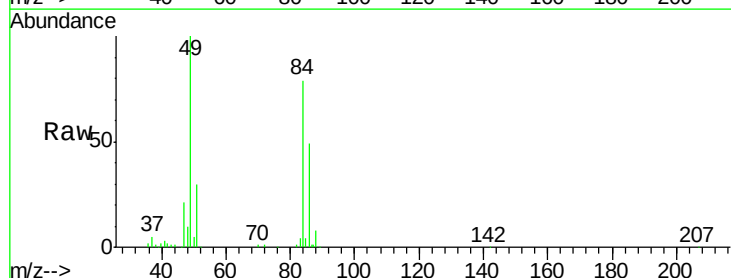
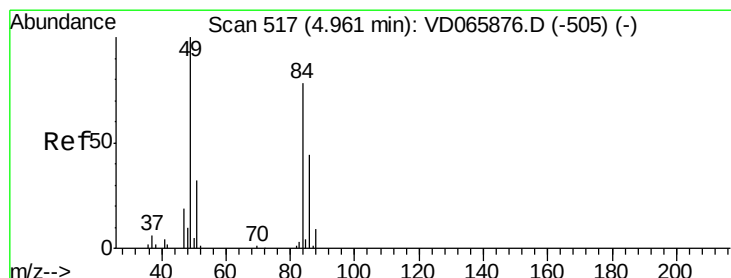
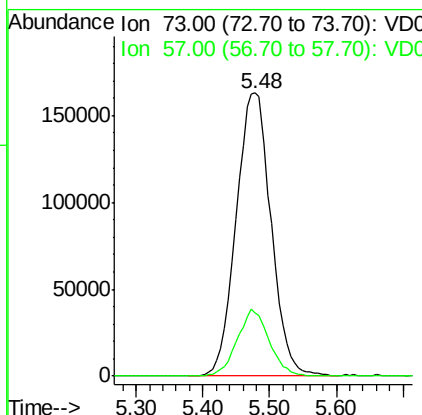




#19
Methyl tert-butyl Ether
Concen: 151.255 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

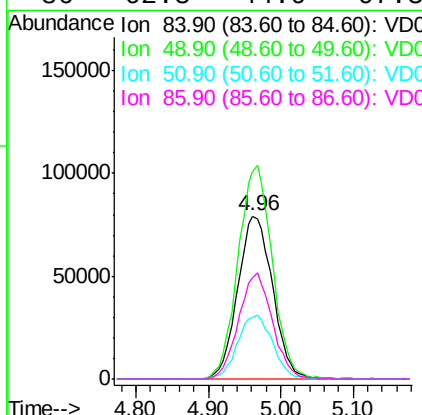
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

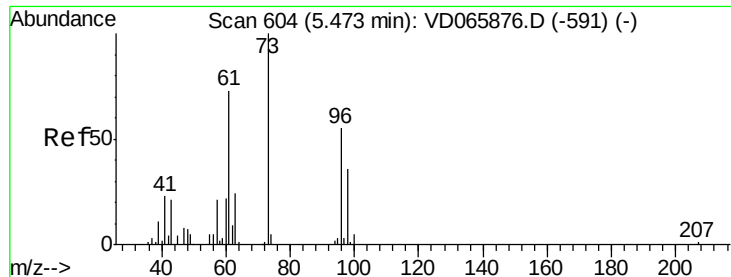
Tot Ion: 73 Resp: 587604
Ion Ratio Lower Upper
73 100
57 22.4 17.0 25.4



#20
Methylene Chloride
Concen: 117.167 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 84 Resp: 264783
Ion Ratio Lower Upper
84 100
49 127.4 103.0 154.6
51 37.9 32.7 49.1
86 62.3 44.9 67.3





#21

trans-1,2-Dichloroethene

Concen: 140.640 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

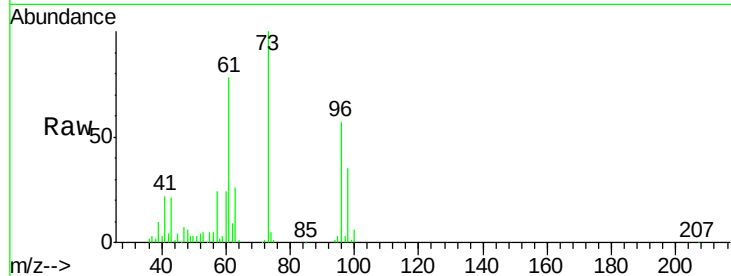
Tot Ion: 96 Resp: 287028

Ion Ratio Lower Upper

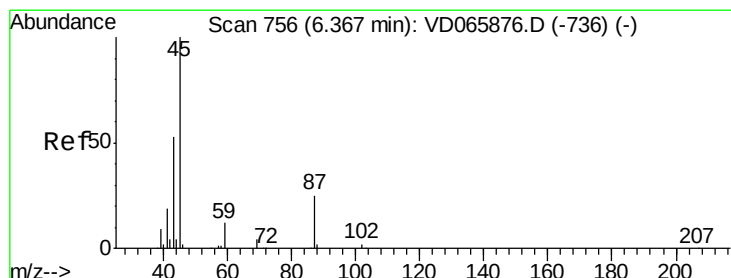
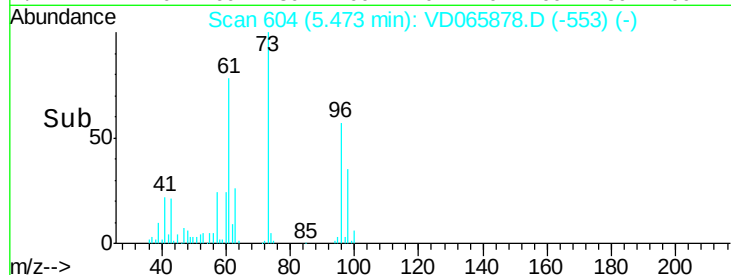
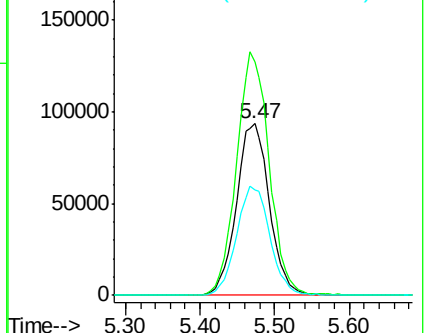
96 100

61 136.4 107.0 160.4

98 61.7 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: 159.483 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Tgt Ion: 45 Resp: 925703

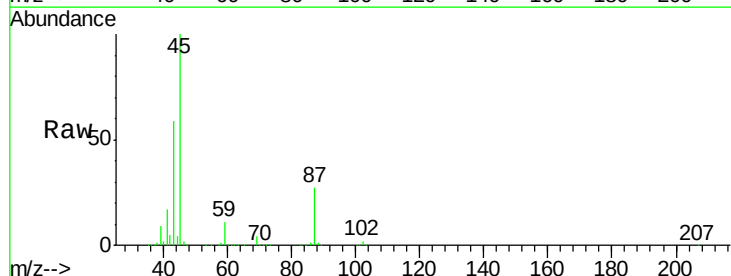
Ion Ratio Lower Upper

45 100

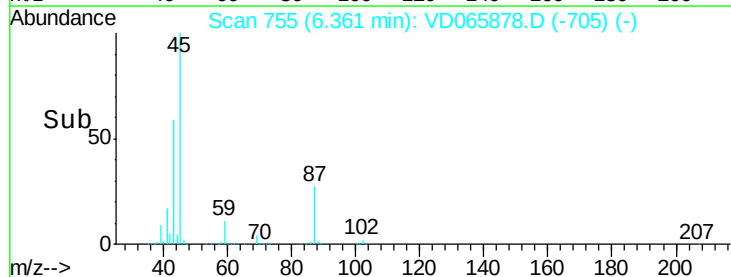
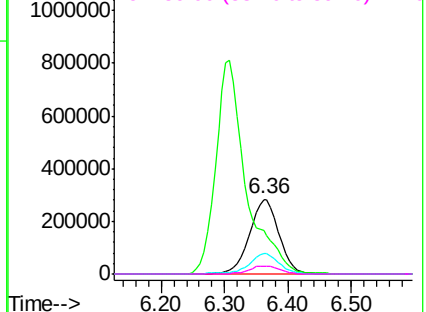
43 58.2 43.4 65.0

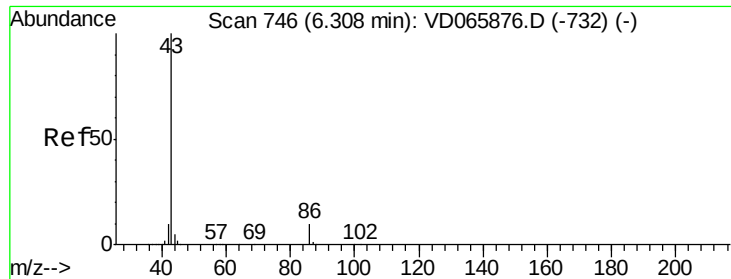
87 27.1 19.8 29.8

59 11.0 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: 801.299 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

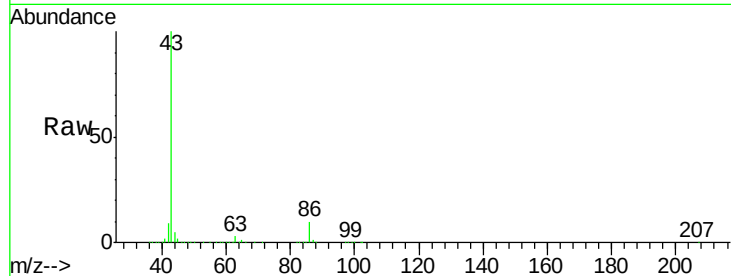
VSTDIC150

Tot Ion: 43 Resp: 2701769

Ion Ratio Lower Upper

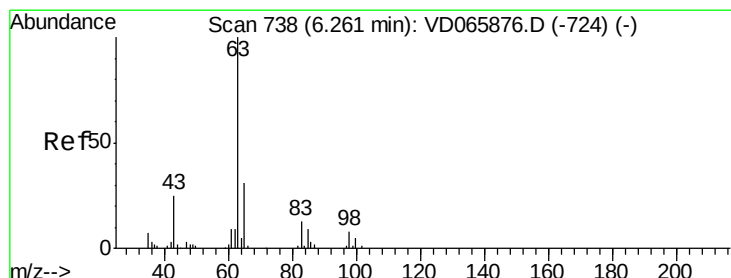
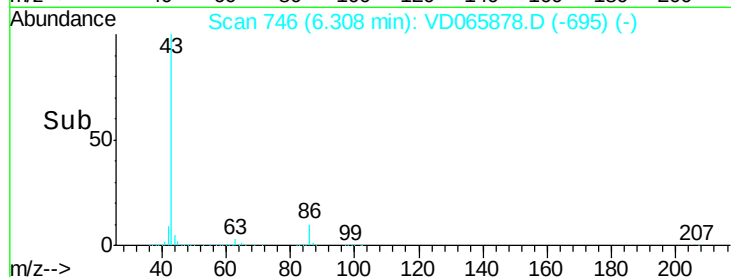
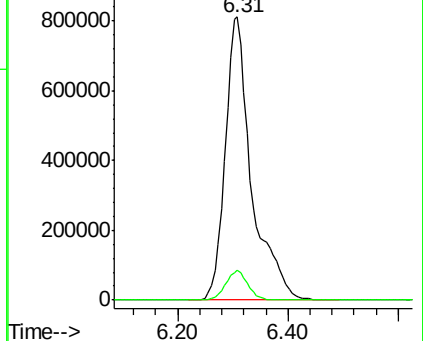
43 100

86 10.5 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: 140.585 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

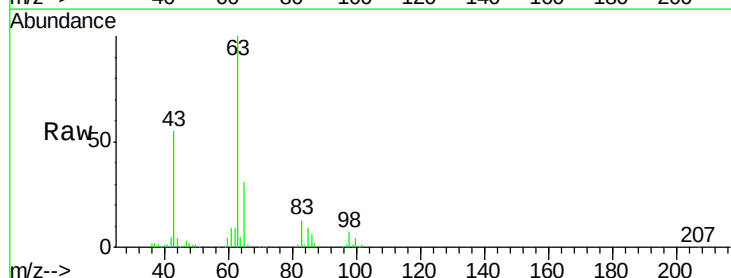
Tgt Ion: 63 Resp: 494755

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

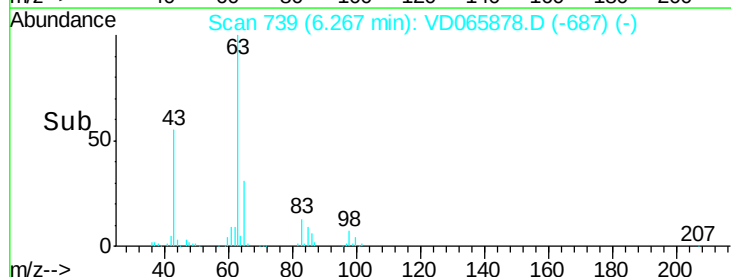
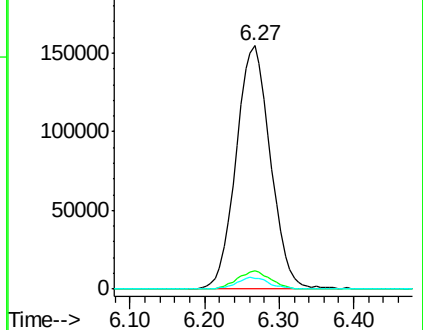
100 4.3 2.4 7.2

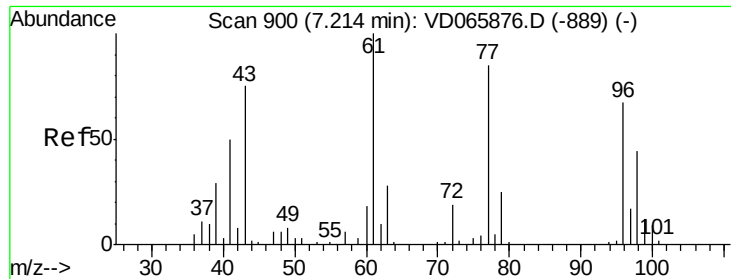


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

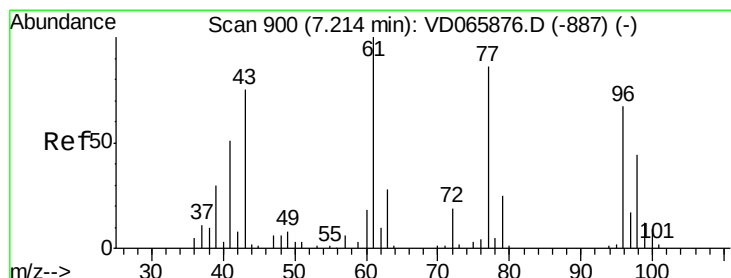
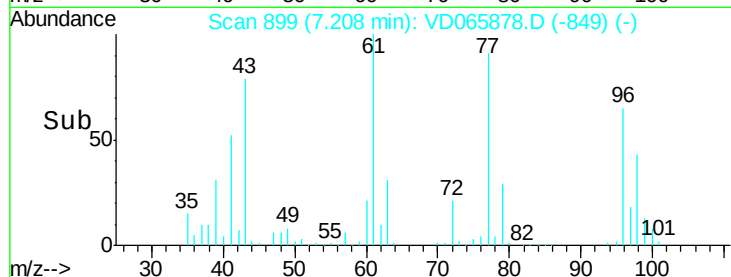
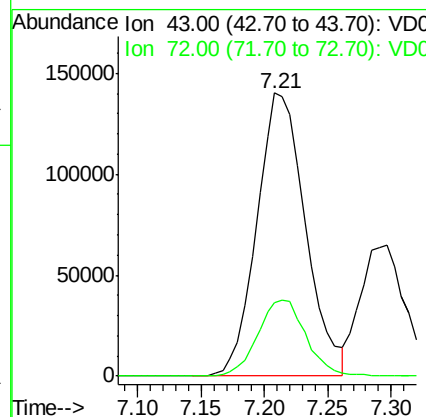
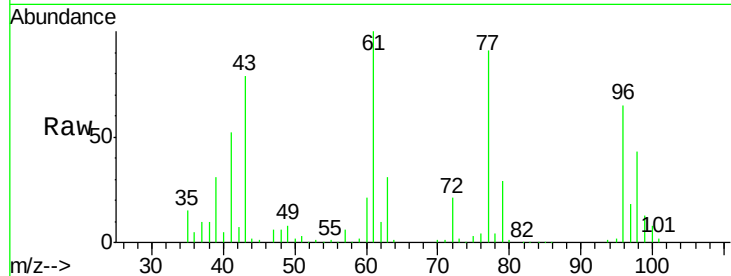




#25
2-Butanone
Concen: 756.023 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

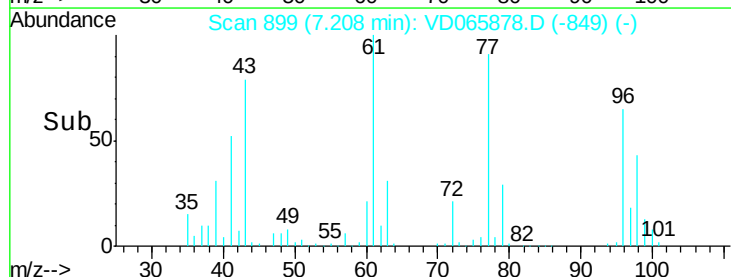
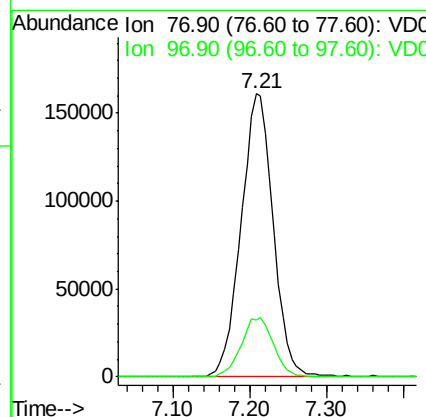
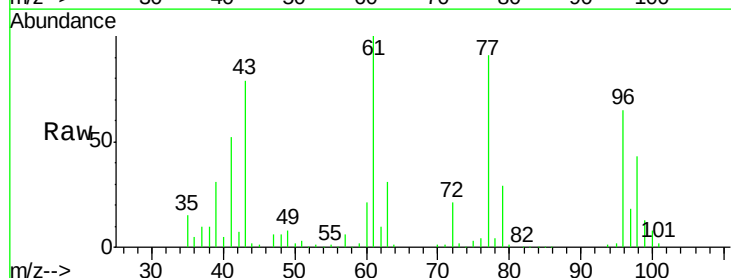
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

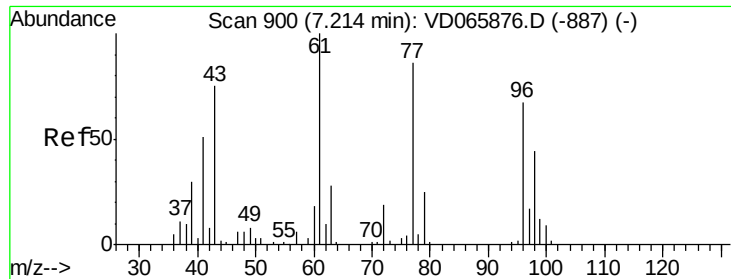
Tot Ion: 43 Resp: 374560
Ion Ratio Lower Upper
43 100
72 25.9 20.6 31.0



#26
2,2-Dichloropropane
Concen: 147.161 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 77 Resp: 470121
Ion Ratio Lower Upper
77 100
97 21.0 10.8 32.3



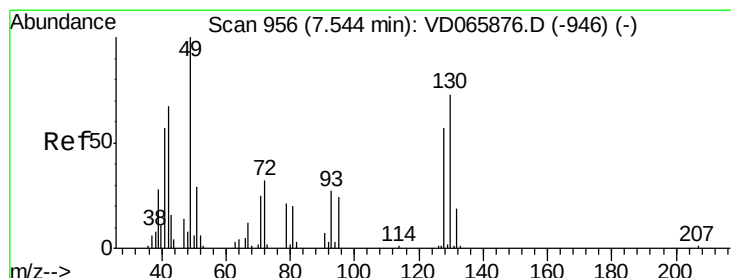
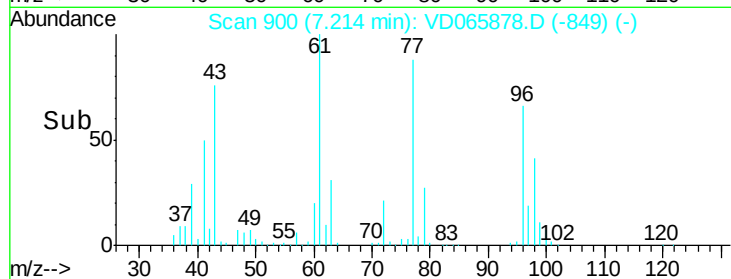
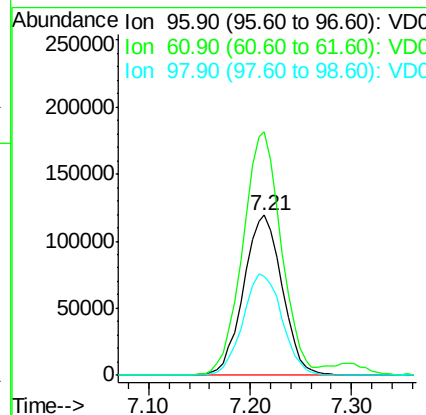
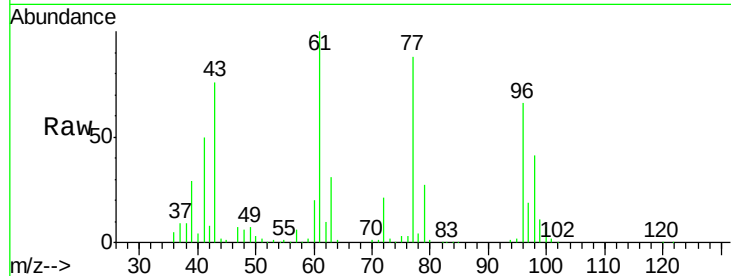


#27

cis-1,2-Dichloroethene
 Concen: 144.305 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

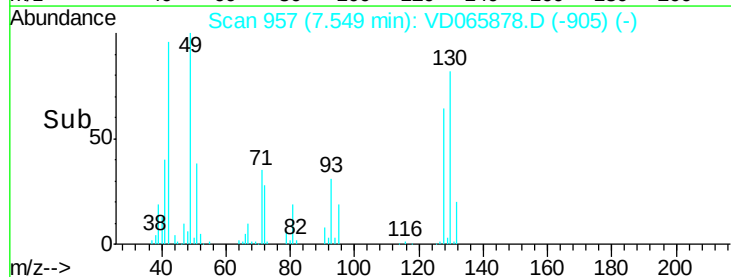
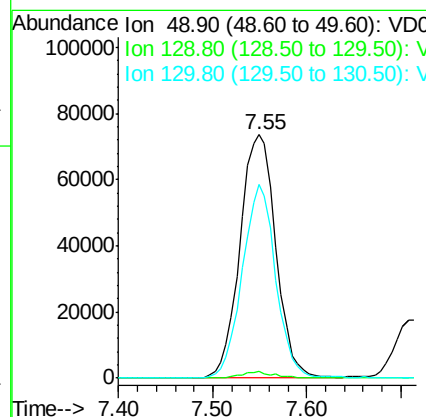
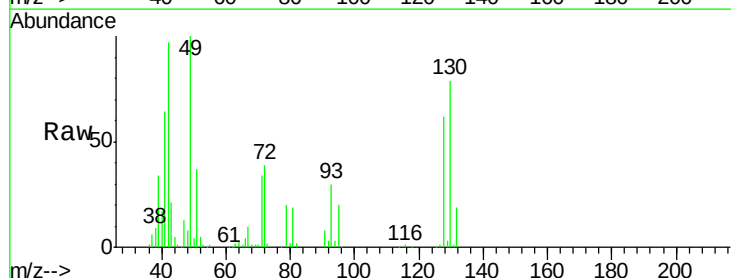
Tot Ion	96	Resp	316627
Ion	Ratio	Lower	Upper
96	100		
61	151.0	0.0	297.8
98	64.4	0.0	129.8

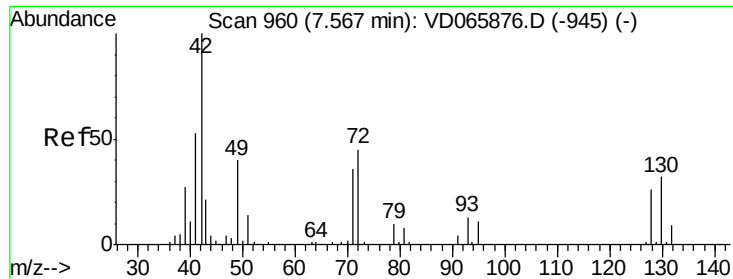


#28

Bromochloromethane
 Concen: 150.445 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion	49	Resp	194604
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	73.8	61.0	91.6





#29

Tetrahydrofuran

Concen: 792.118 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

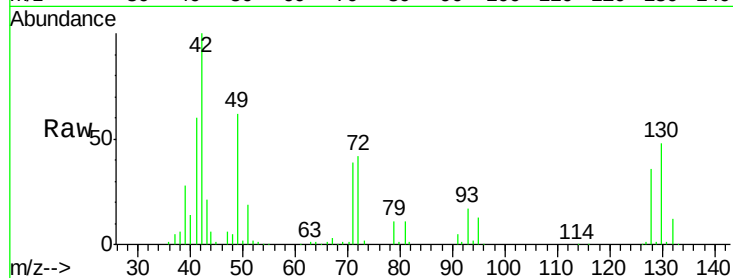
Tot Ion: 42 Resp: 243116

Ion Ratio Lower Upper

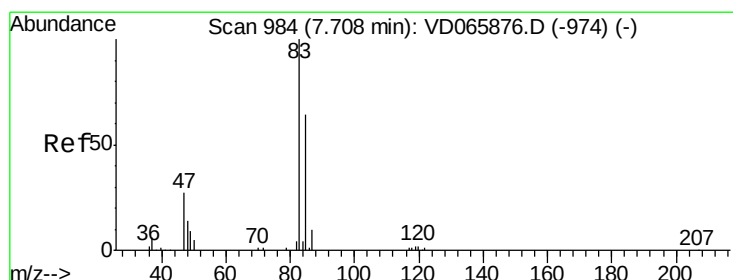
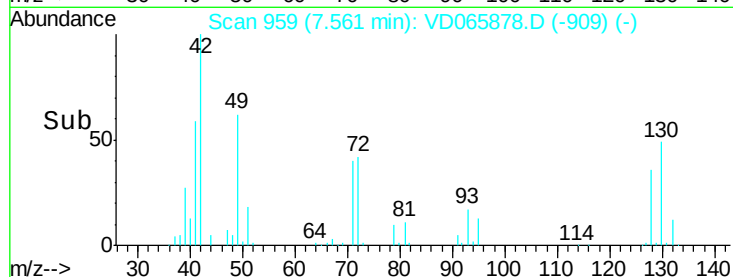
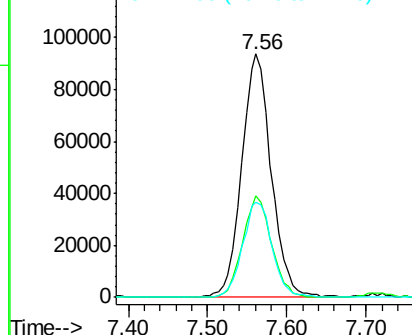
42 100

72 40.6 35.3 52.9

71 39.2 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: 142.655 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD065878.D

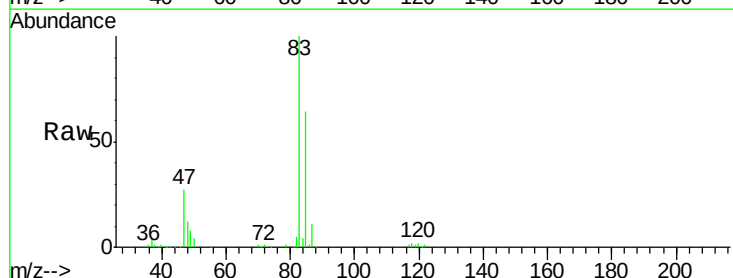
Acq: 26 Jun 2020 12:59

Tgt Ion: 83 Resp: 529966

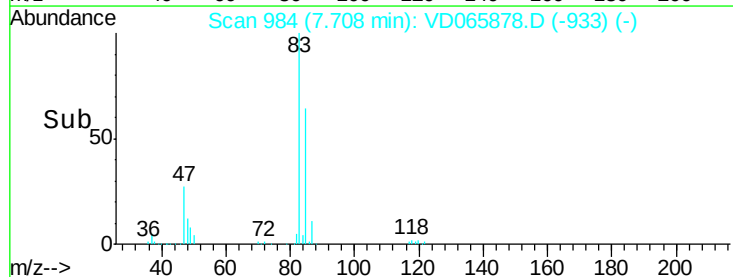
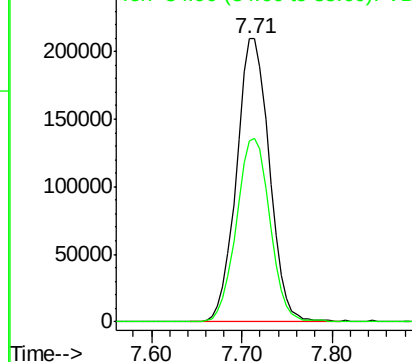
Ion Ratio Lower Upper

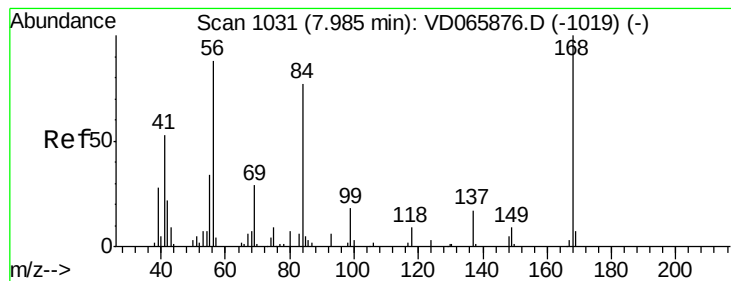
83 100

85 64.1 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: 141.497 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

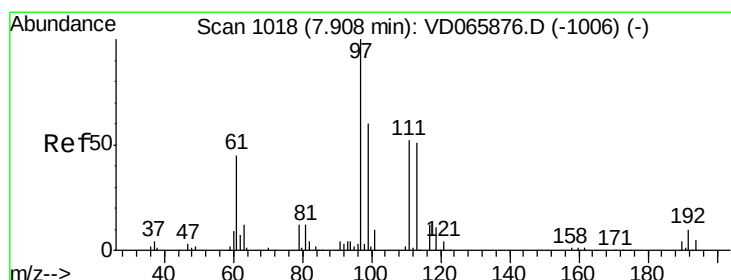
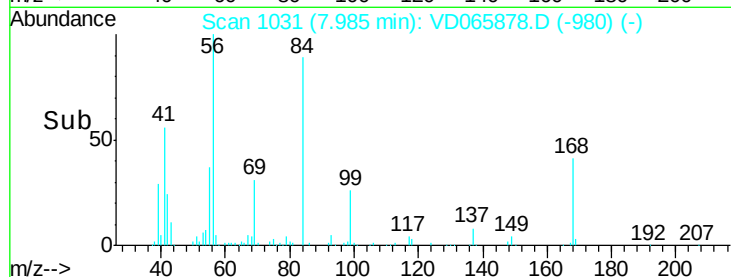
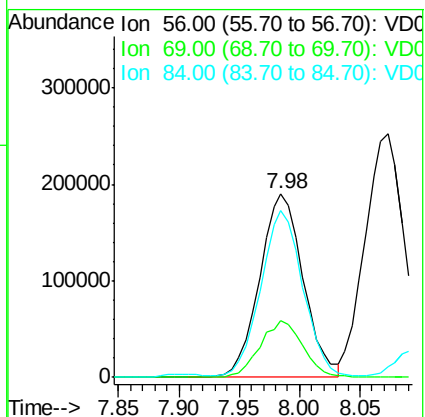
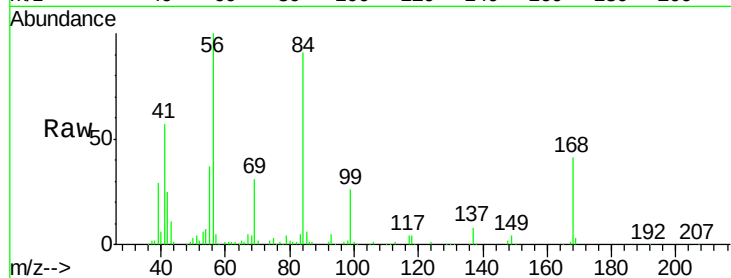
Tot Ion: 56 Resp: 474178

Ion Ratio Lower Upper

56 100

69 30.6 26.2 39.4

84 88.8 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 142.074 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

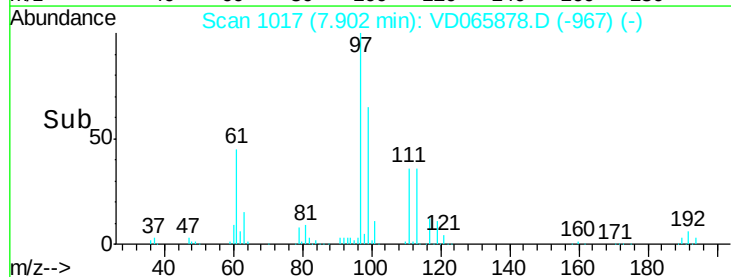
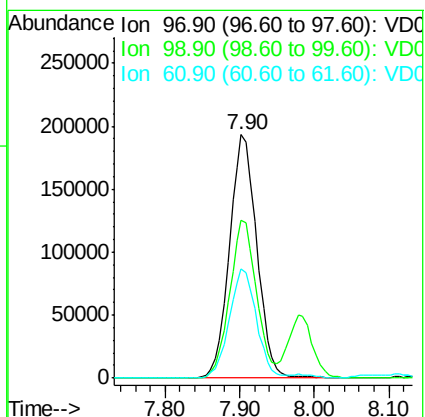
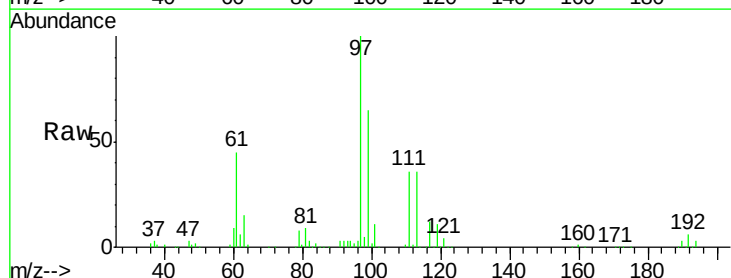
Tgt Ion: 97 Resp: 490185

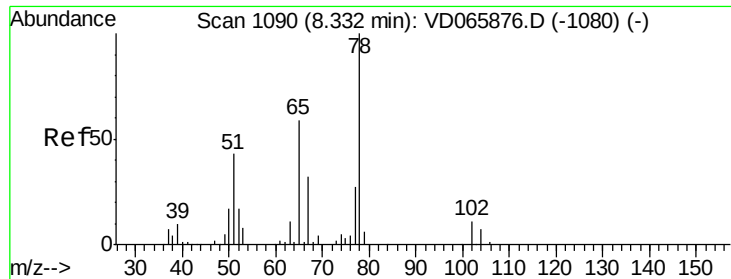
Ion Ratio Lower Upper

97 100

99 64.2 50.2 75.4

61 44.6 36.0 54.0

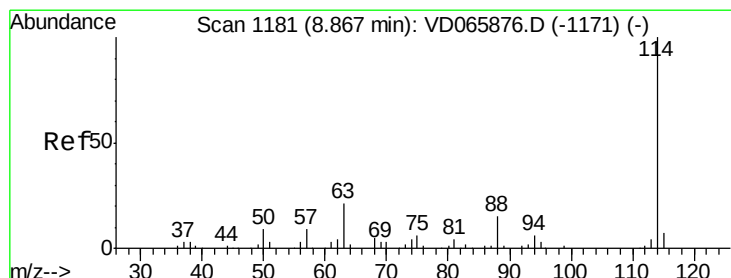
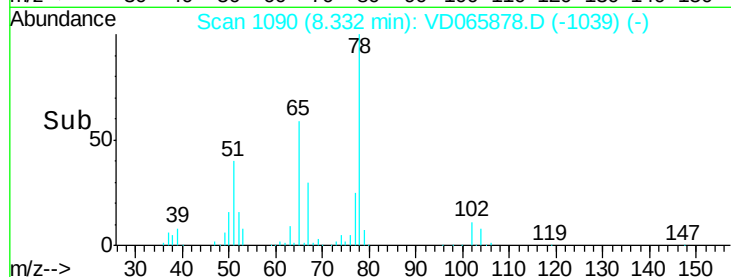
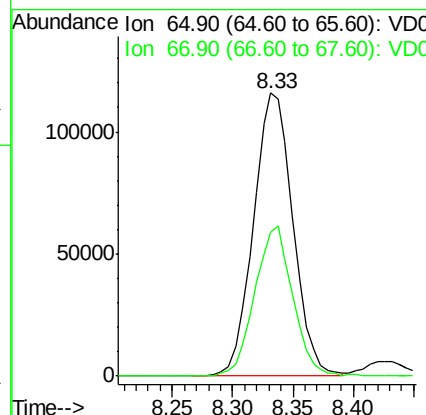
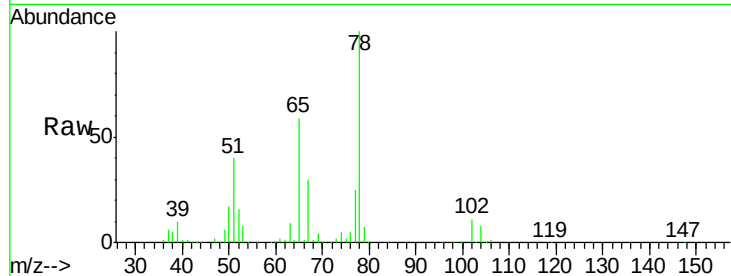




#33
 1,2-Dichloroethane-d4
 Concen: 139.130 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

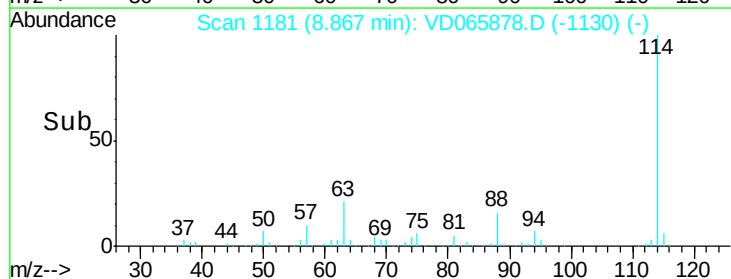
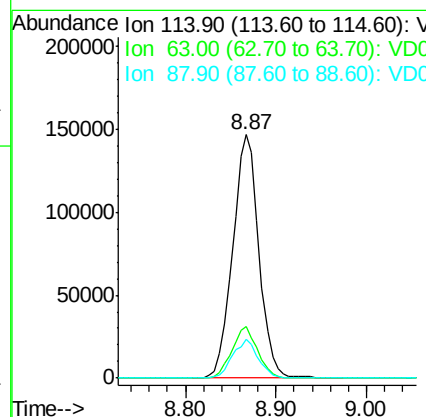
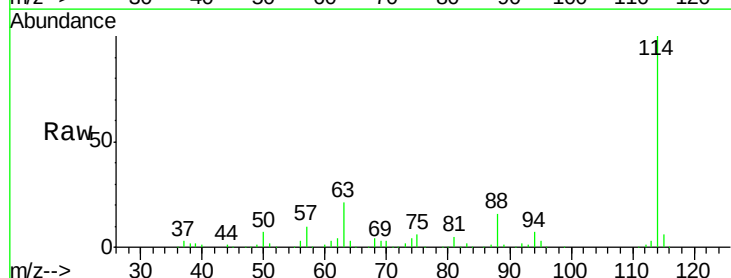
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

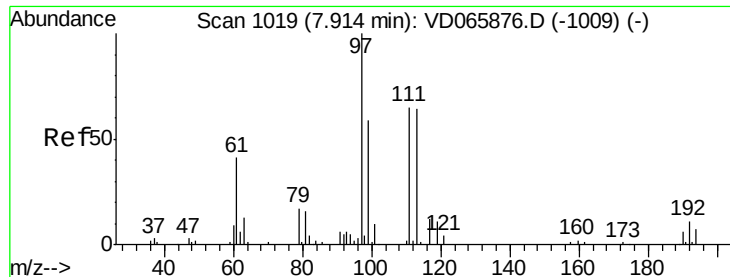
Tot Ion: 65 Resp: 262669
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion: 114 Resp: 293949
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.6
 88 15.9 0.0 29.0

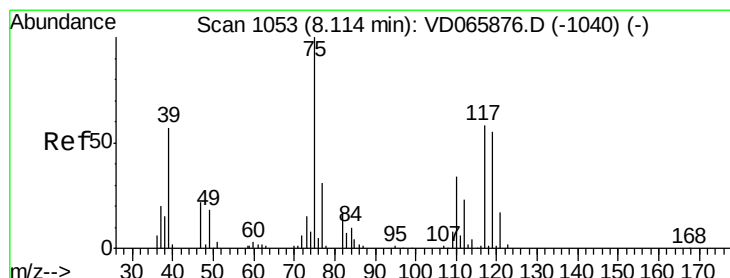
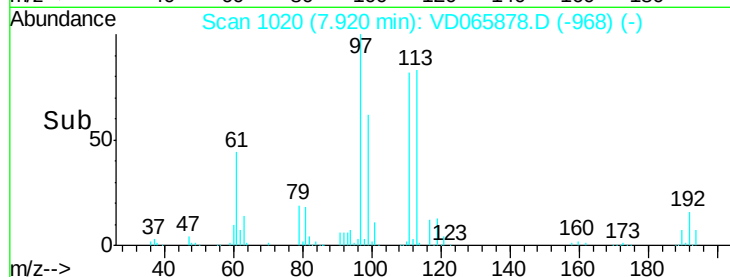
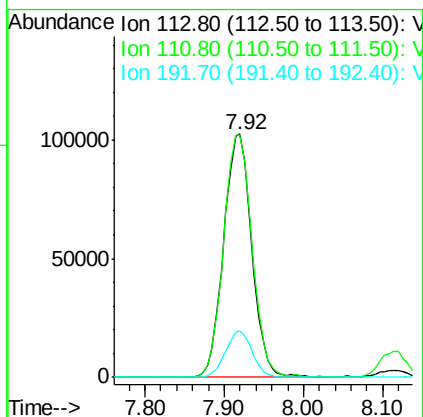
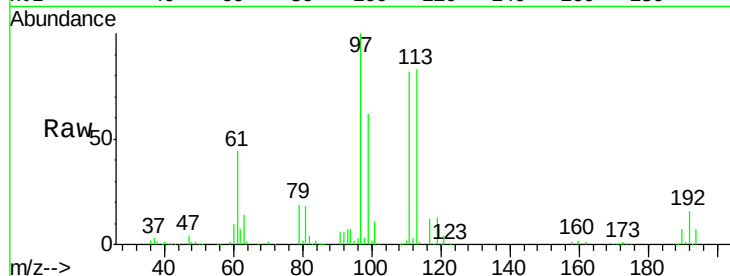




#35
 Dibromofluoromethane
 Concen: 142.498 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

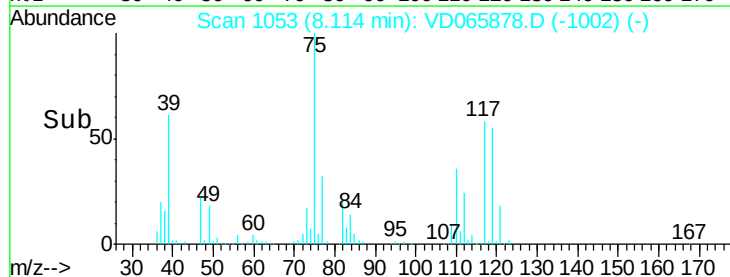
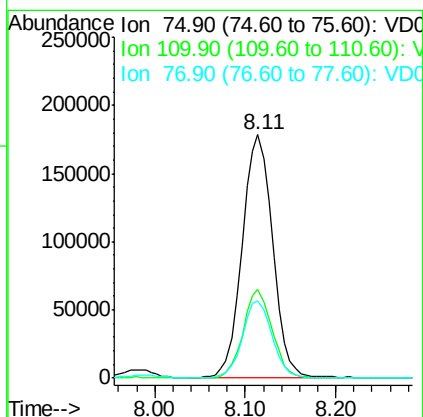
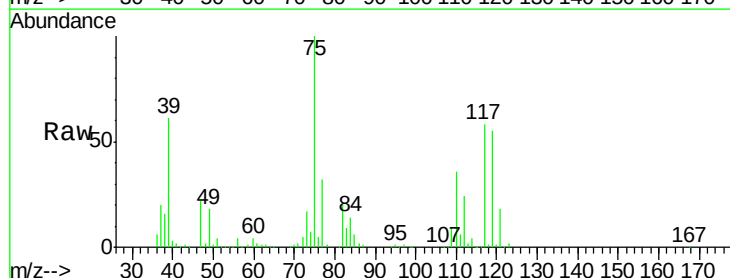
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

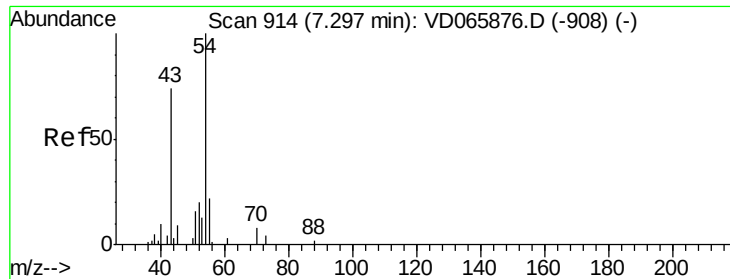
Tot Ion:113 Resp: 251301
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.0 121.6
 192 18.1 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 144.168 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion: 75 Resp: 418289
 Ion Ratio Lower Upper
 75 100
 110 34.4 16.8 50.4
 77 31.2 24.0 36.0

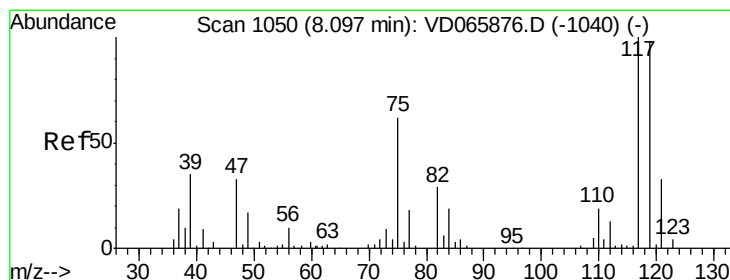
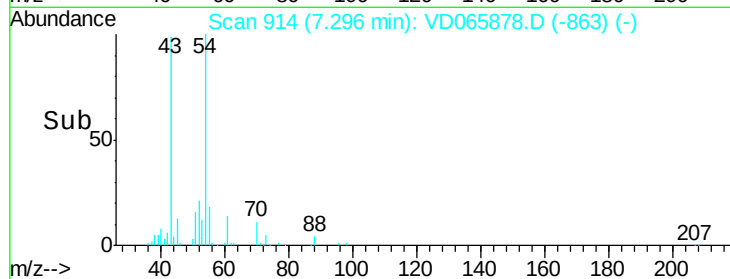
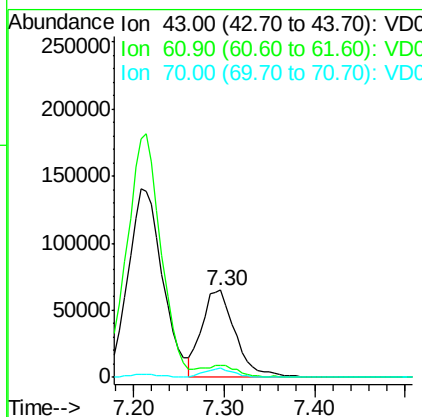
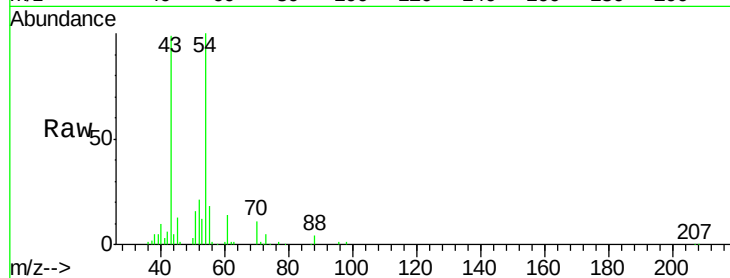




#37
Ethyl Acetate
Concen: 149.748 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

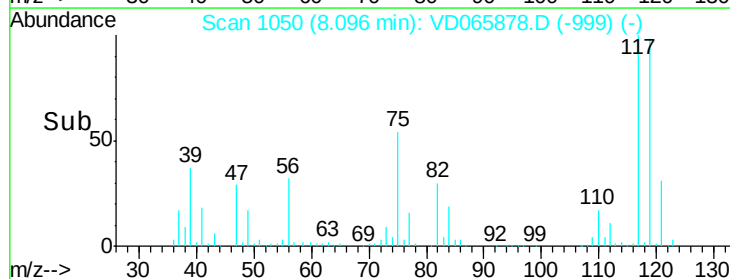
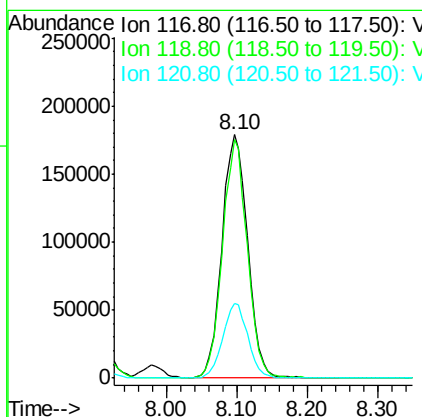
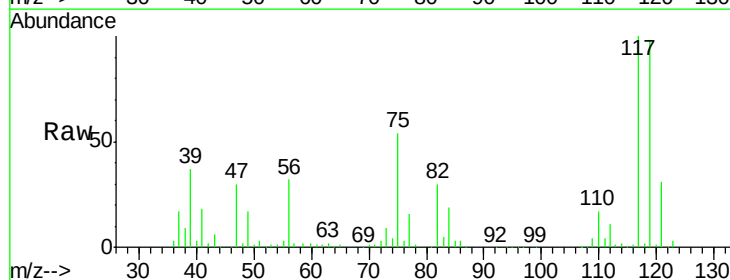
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

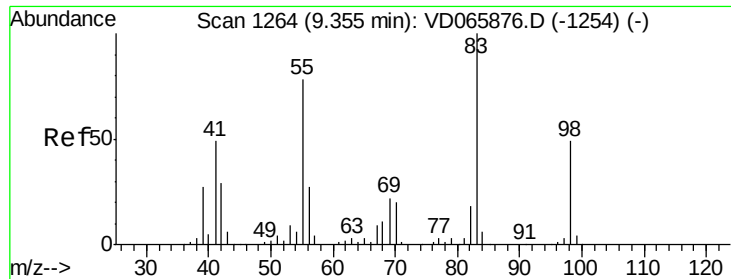
Tot Ion: 43 Resp: 165574
Ion Ratio Lower Upper
43 100
61 12.1 0.0 0.0#
70 9.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 145.866 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 117 Resp: 450574
Ion Ratio Lower Upper
117 100
119 98.0 78.6 117.8
121 30.8 26.5 39.7

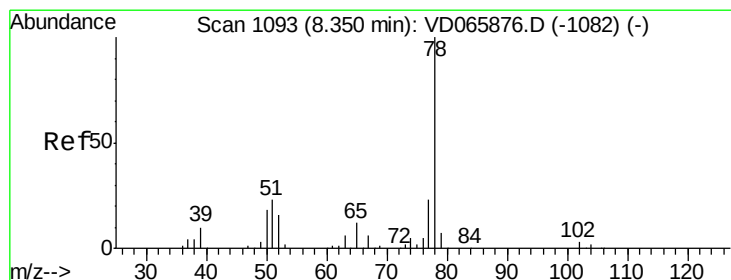
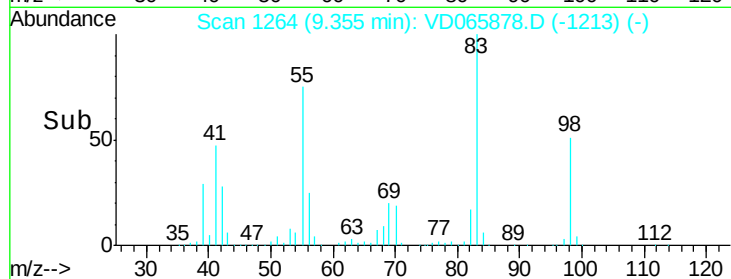
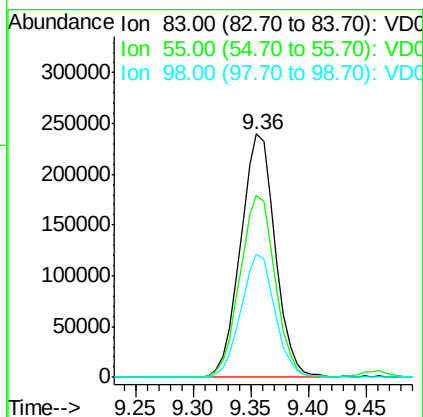
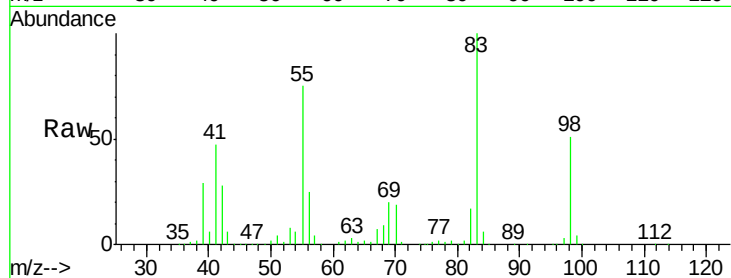




#39
Methylvlcyclohexane
Concen: 148.082 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

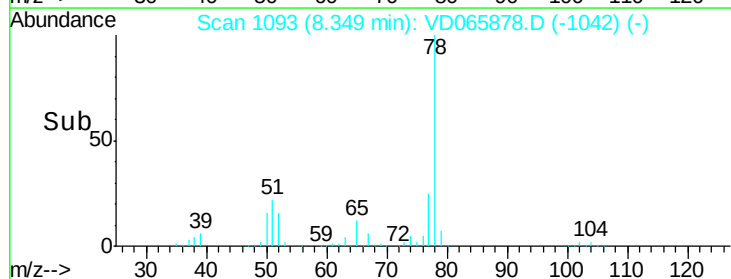
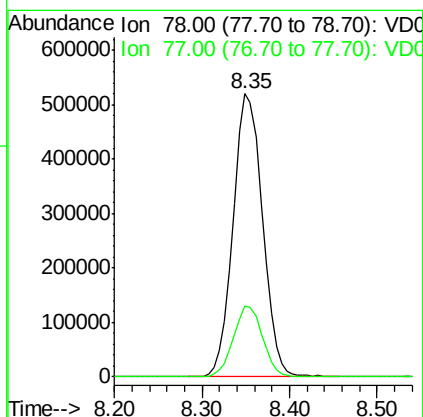
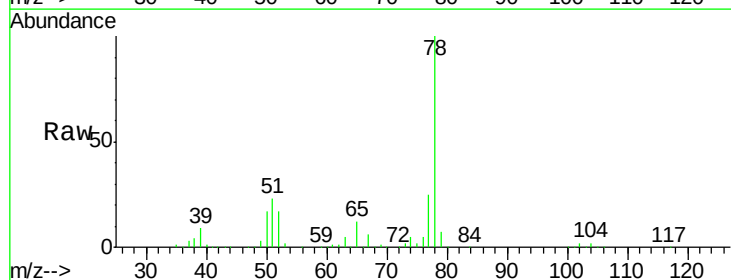
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

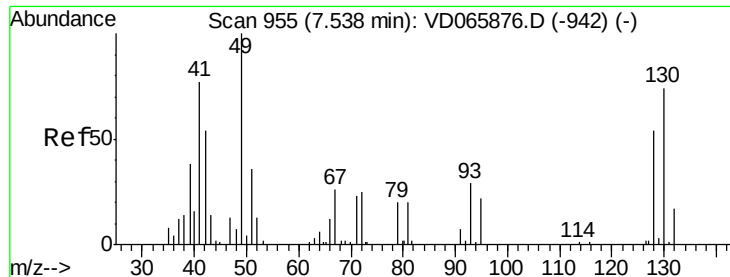
Tot Ion: 83 Resp: 501405
Ion Ratio Lower Upper
83 100
55 75.1 62.2 93.4
98 50.9 39.6 59.4



#40
Benzene
Concen: 148.653 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 78 Resp: 1188310
Ion Ratio Lower Upper
78 100
77 24.9 18.8 28.2

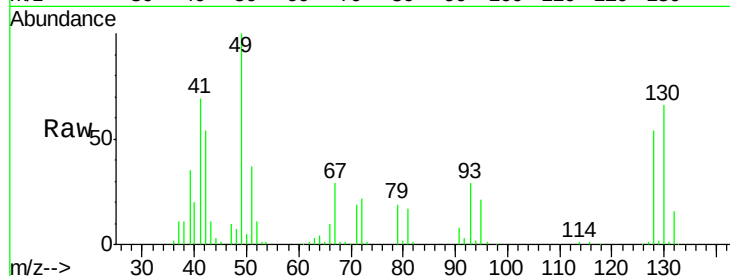




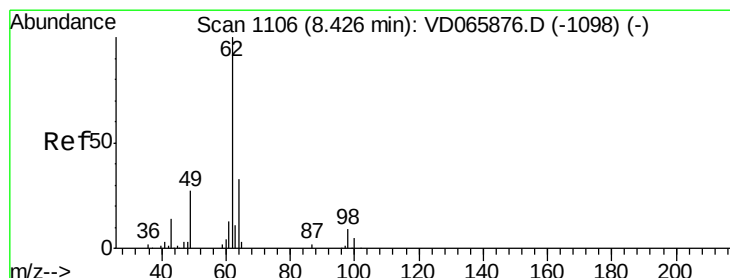
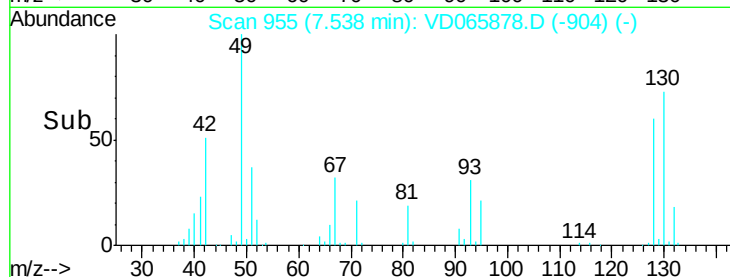
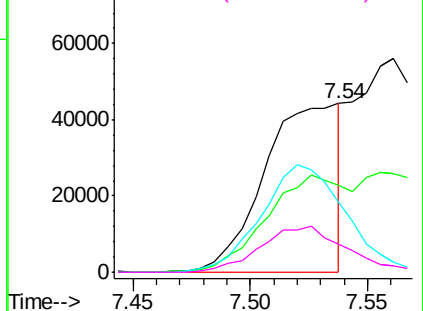
#41
Methacrylonitrile
Concen: 145.980 ug/l m
RT: 7.54 min Scan# 955
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 41 Resp: 100255
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

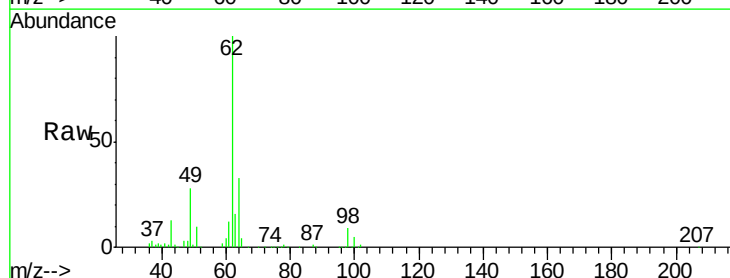


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

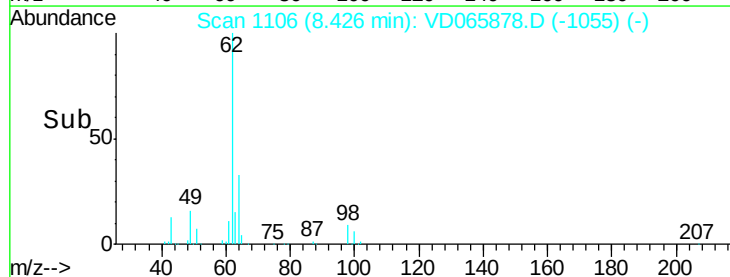
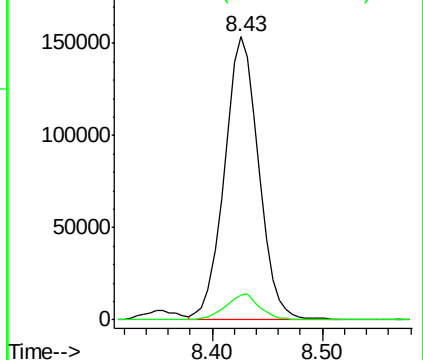


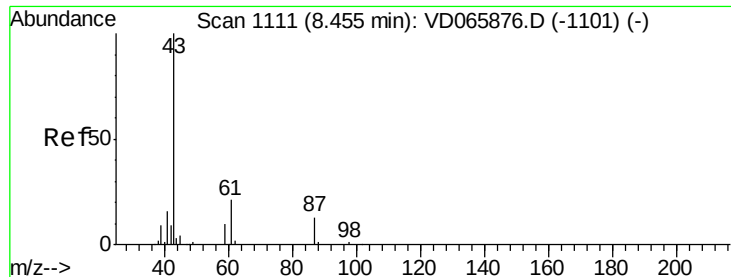
#42
1,2-Dichloroethane
Concen: 142.150 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 62 Resp: 332216
Ion Ratio Lower Upper
62 100
98 9.0 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: 154.835 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

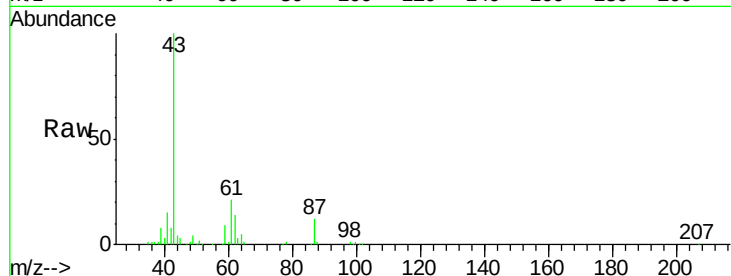
Tot Ion: 43 Resp: 331566

Ion Ratio Lower Upper

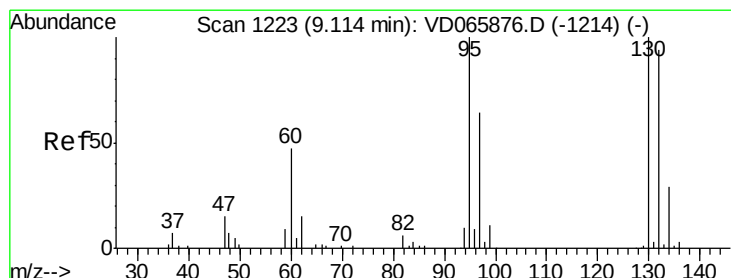
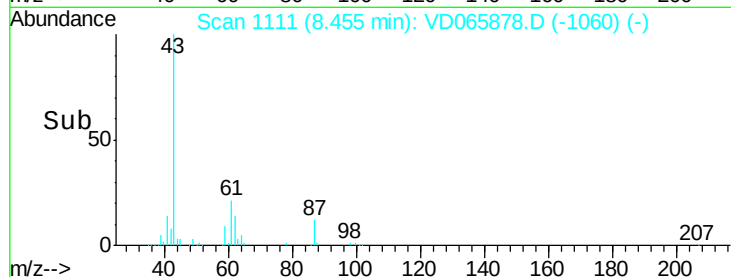
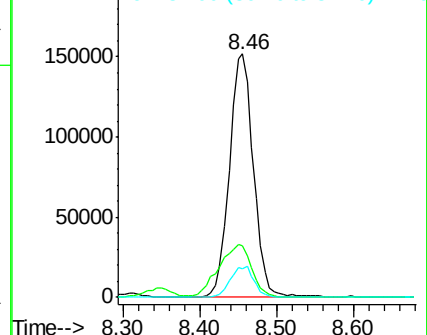
43 100

61 29.5 25.2 37.8

87 12.5 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: 141.718 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065878.D

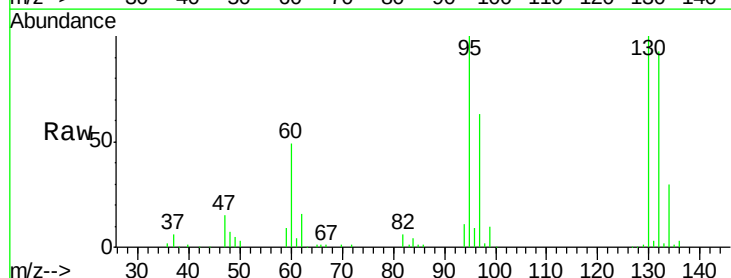
Acq: 26 Jun 2020 12:59

Tgt Ion:130 Resp: 301570

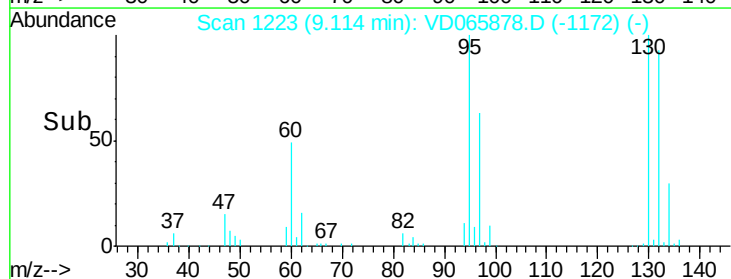
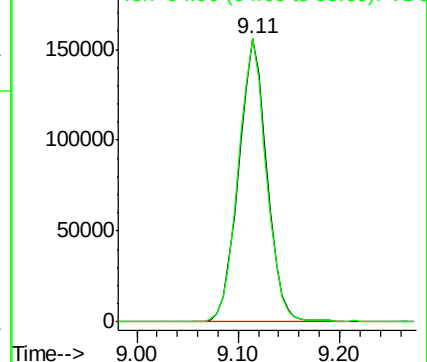
Ion Ratio Lower Upper

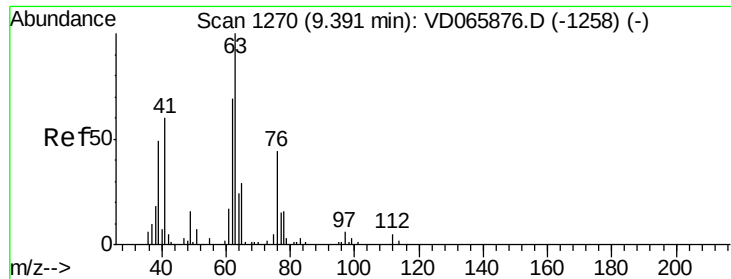
130 100

95 99.9 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

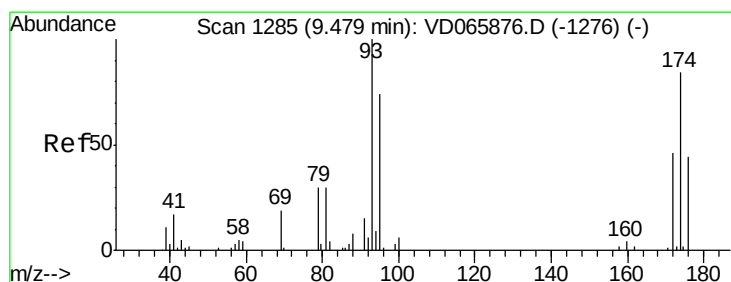
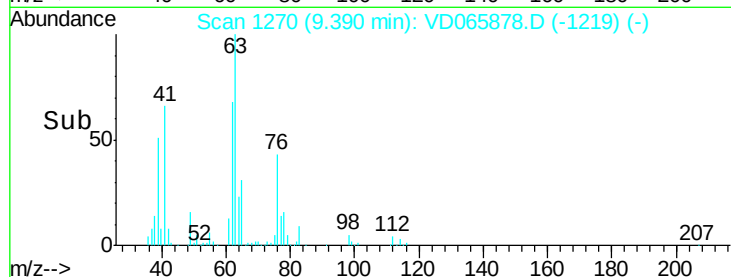
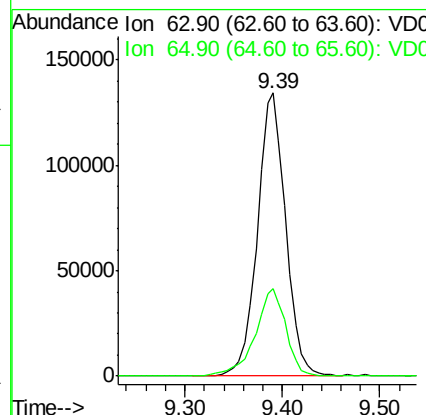
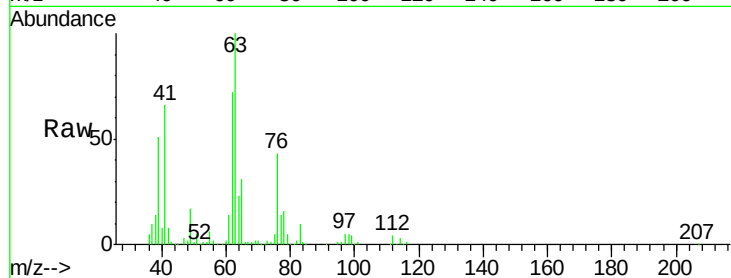




#45
 1,2-Dichloropropane
 Concen: 141.540 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

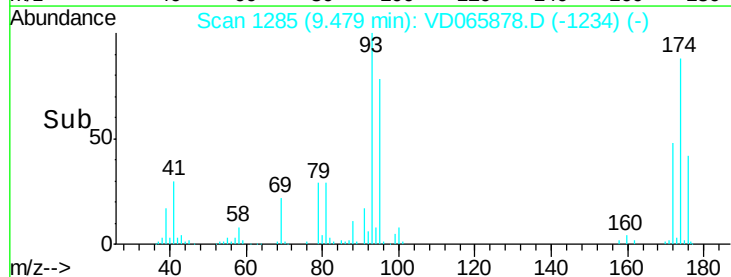
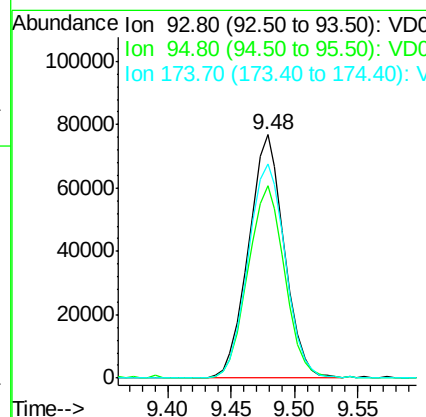
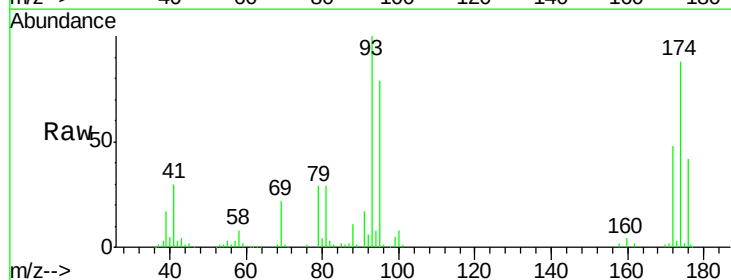
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

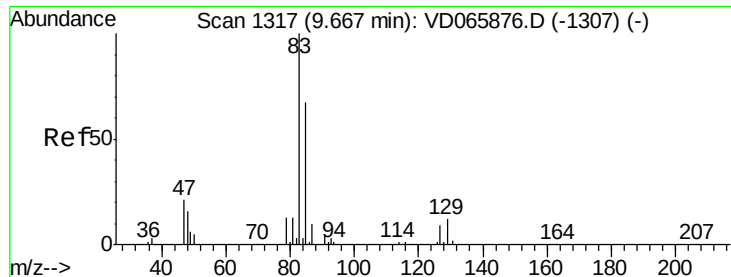
Tot Ion: 63 Resp: 273012
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.4 35.0



#46
 Dibromomethane
 Concen: 144.754 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion: 93 Resp: 150428
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.4 98.0
 174 92.0 75.2 112.8

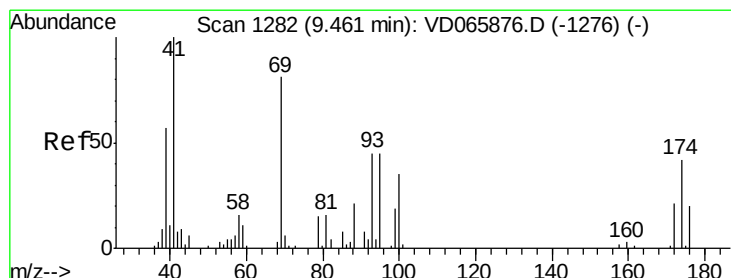
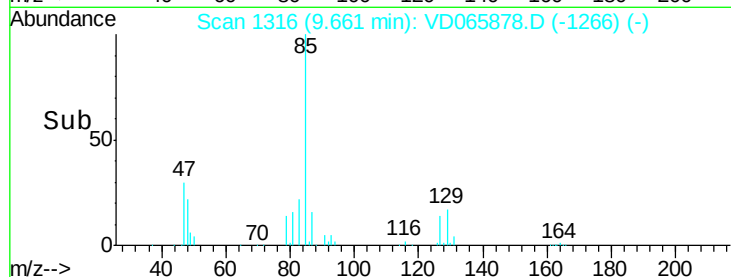
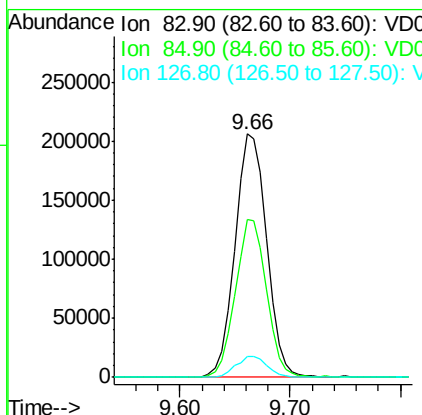
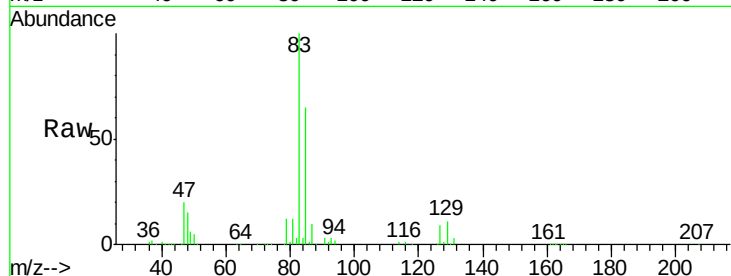




#47
Bromodichloromethane
Concen: 146.705 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

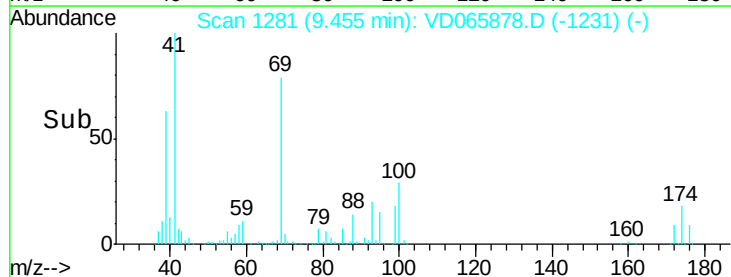
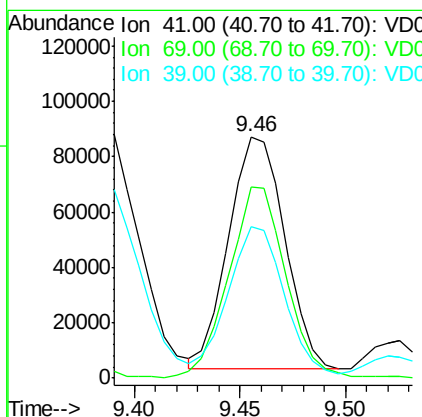
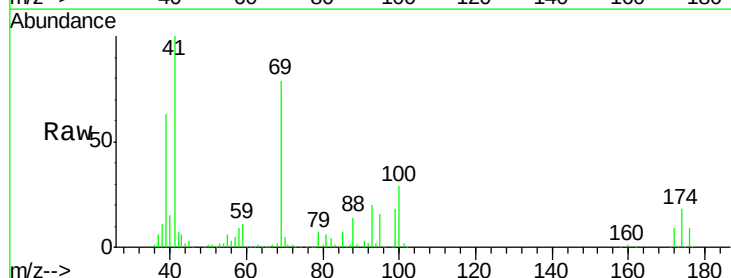
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

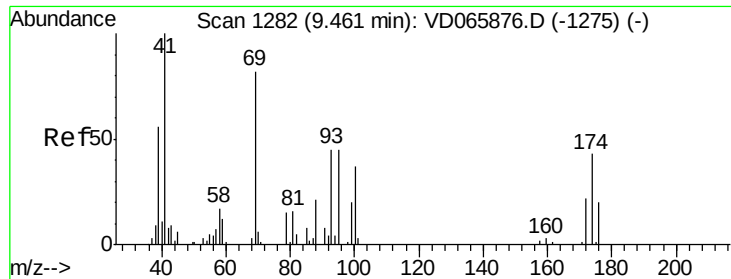
Tot Ion: 83 Resp: 415132
Ion Ratio Lower Upper
83 100
85 64.8 53.9 80.9
127 8.8 7.0 10.4



#48
Methyl methacrylate
Concen: 146.920 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 41 Resp: 153741
Ion Ratio Lower Upper
41 100
69 83.4 68.3 102.5
39 63.0 54.1 81.1

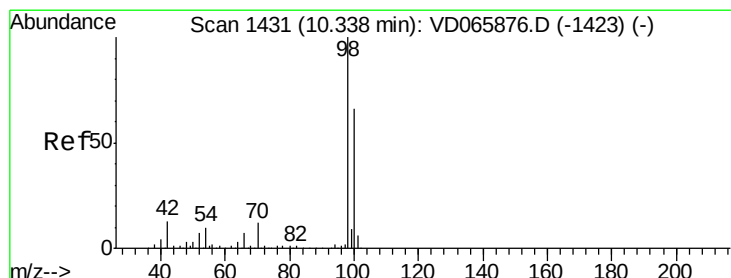
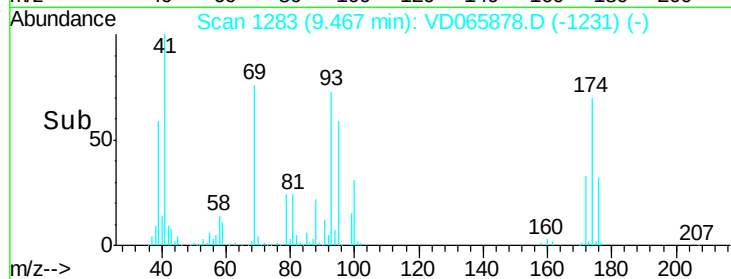
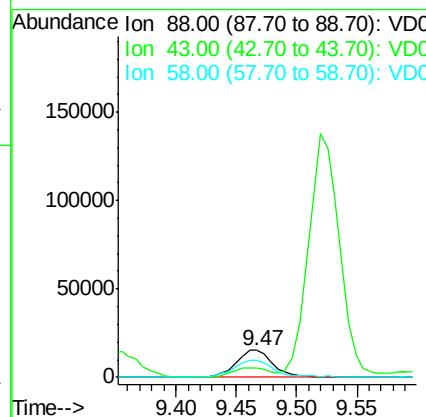
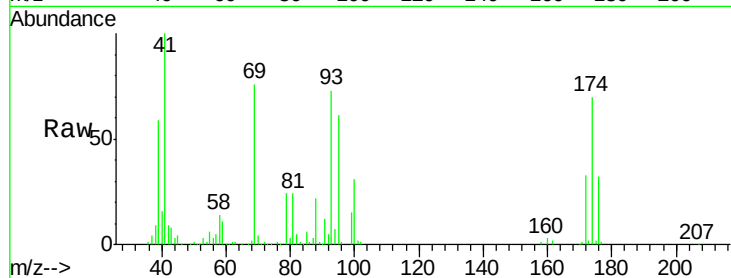




#49
 1,4-Dioxane
 Concen: 2807.490 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

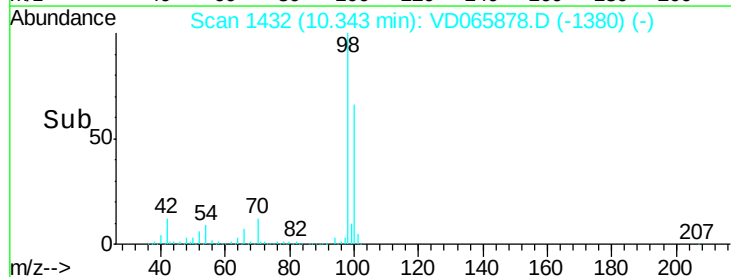
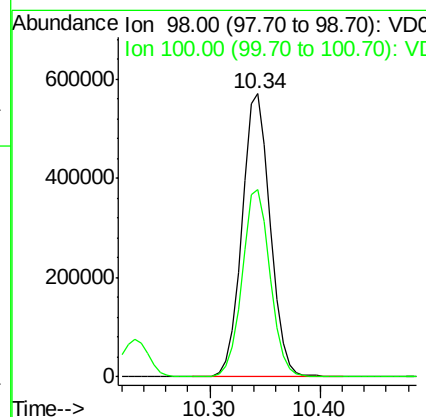
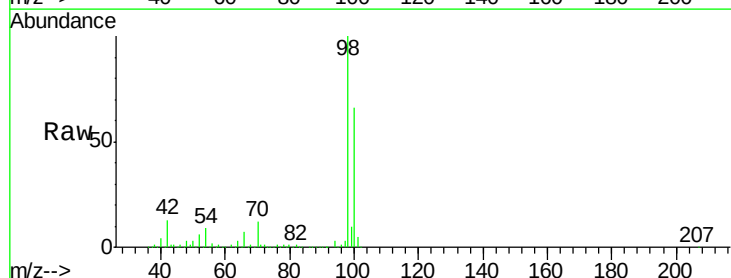
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

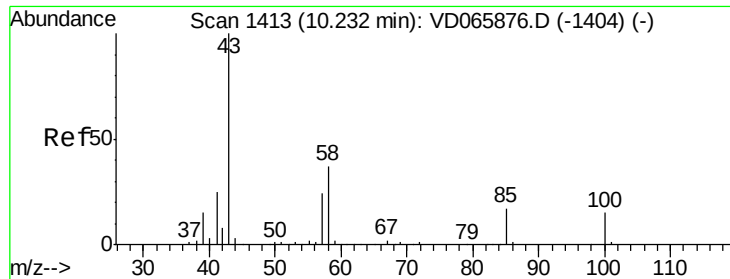
Tot Ion: 88 Resp: 32461
 Ion Ratio Lower Upper
 88 100
 43 35.2 35.8 53.8#
 58 68.7 58.6 87.8



#50
 Toluene-d8
 Concen: 149.666 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion: 98 Resp: 1025347
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.3 78.5

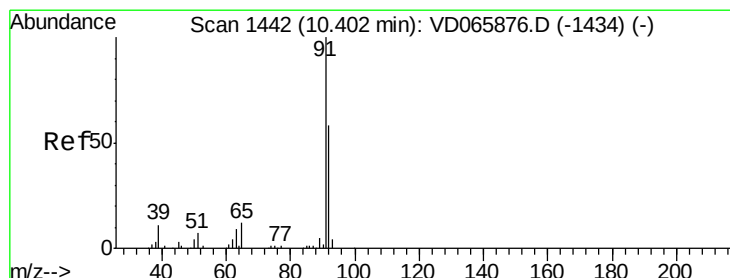
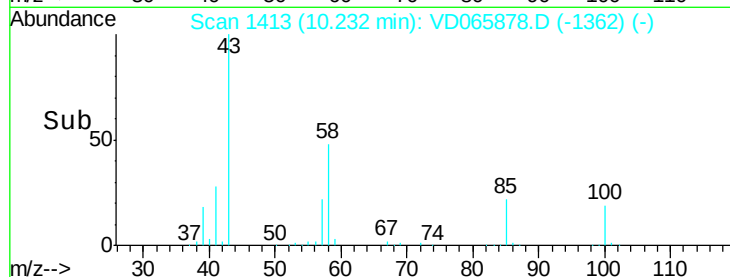
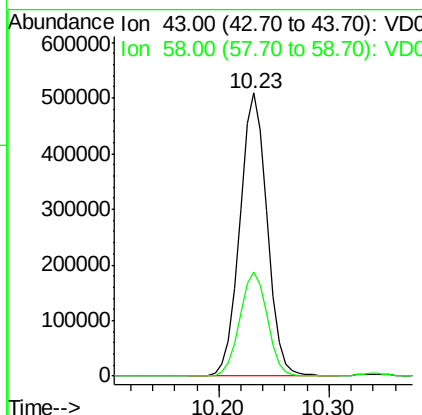
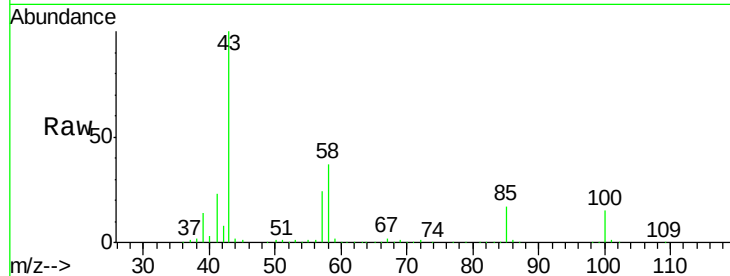




#51
4-Methyl-2-Pentanone
Concen: 818.111 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

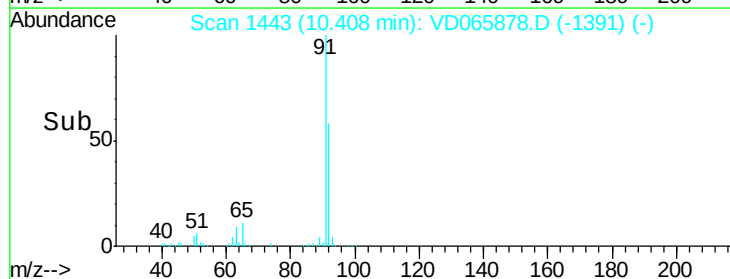
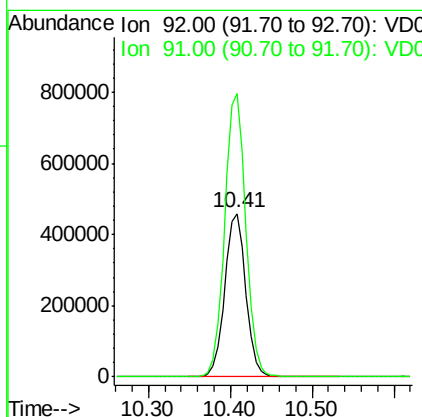
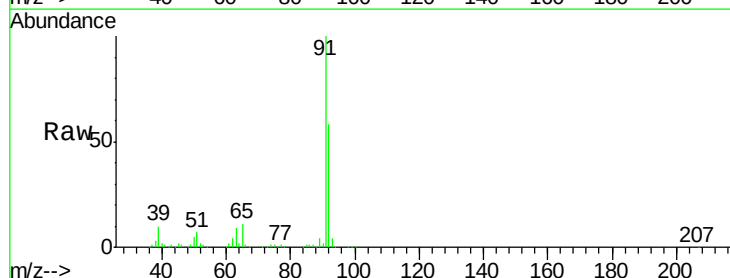
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

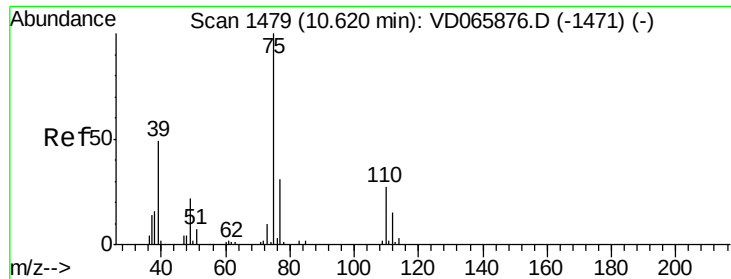
Tot Ion: 43 Resp: 884306
Ion Ratio Lower Upper
43 100
58 37.2 29.5 44.3



#52
Toluene
Concen: 159.522 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 92 Resp: 818484
Ion Ratio Lower Upper
92 100
91 174.3 140.8 211.2

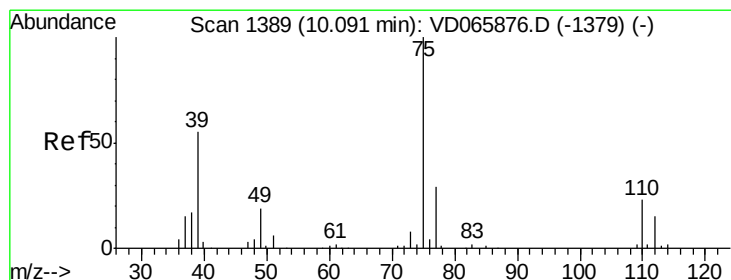
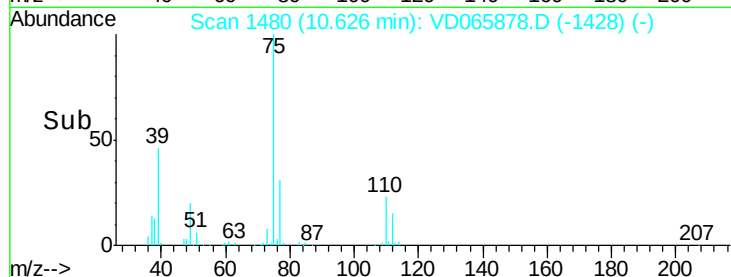
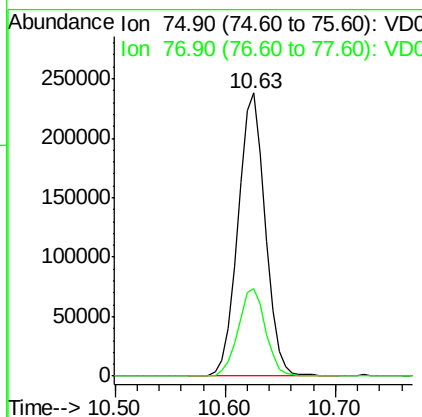
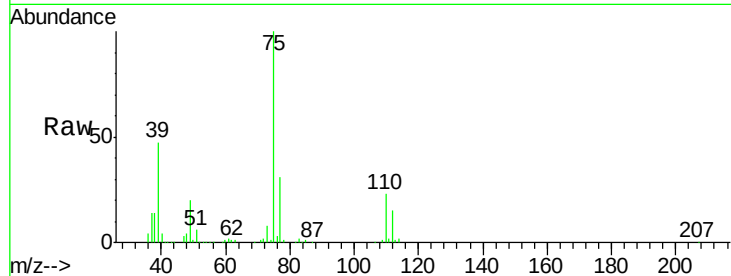




#53
t-1,3-Dichloropropene
Concen: 157.908 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

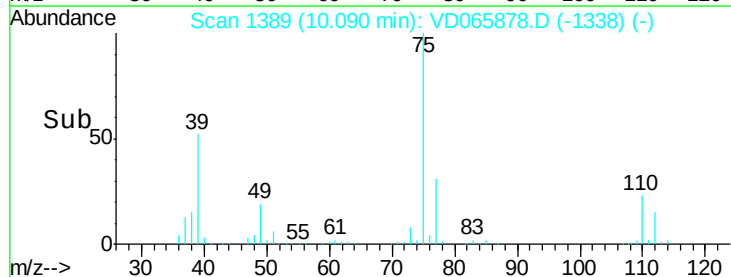
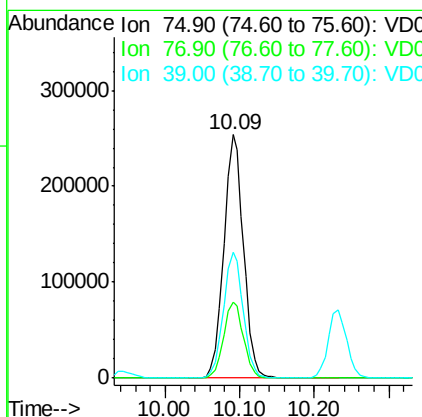
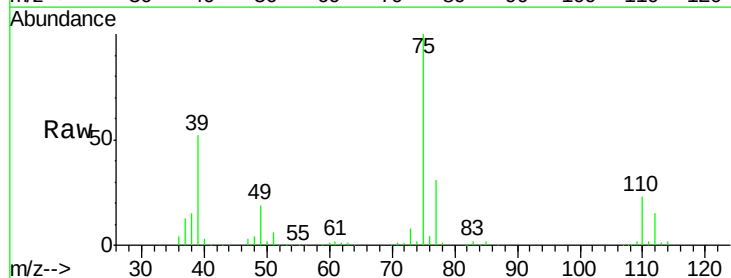
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

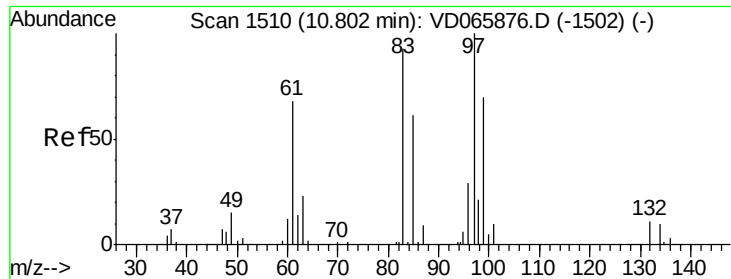
Tot Ion: 75 Resp: 412409
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 149.268 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 75 Resp: 466453
Ion Ratio Lower Upper
75 100
77 31.4 23.4 35.0
39 51.7 43.9 65.9

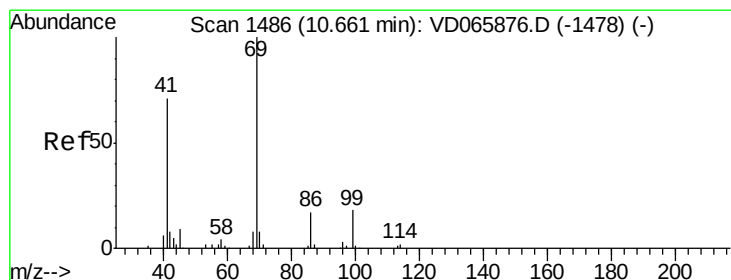
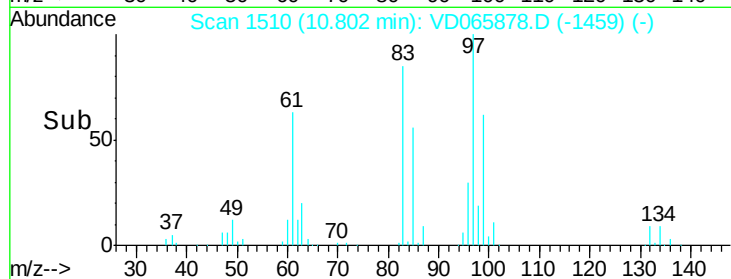
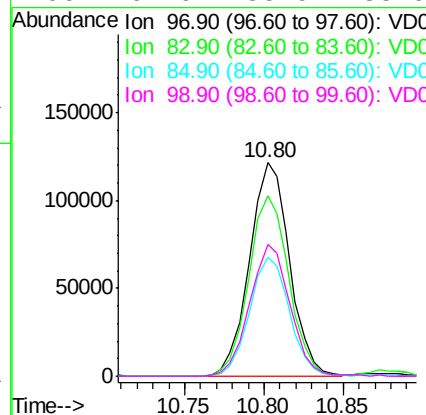
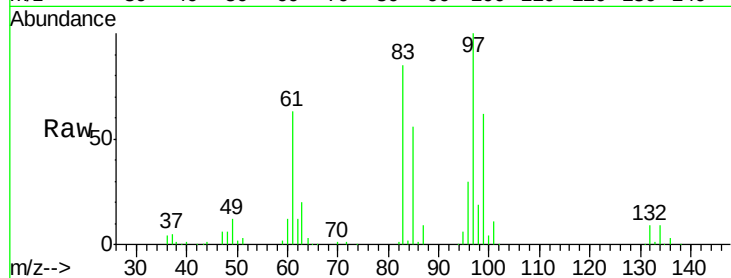




#55
 1,1,2-Trichloroethane
 Concen: 153.276 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

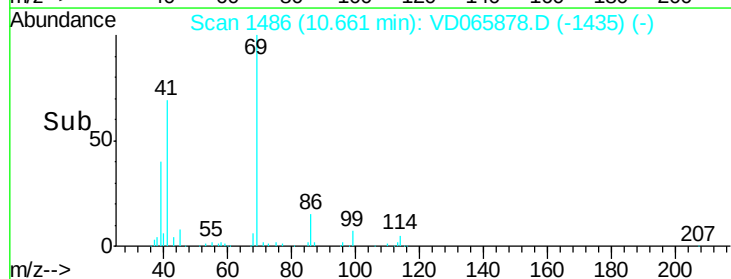
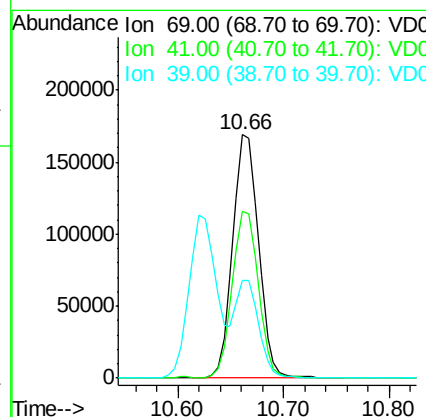
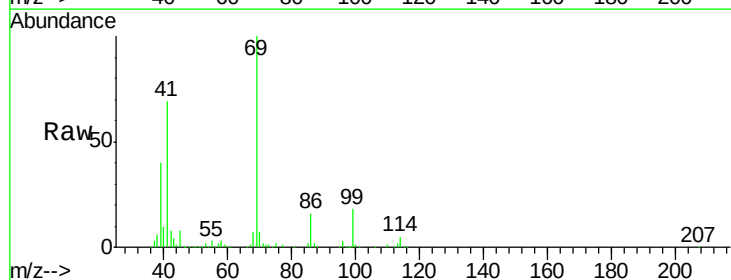
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

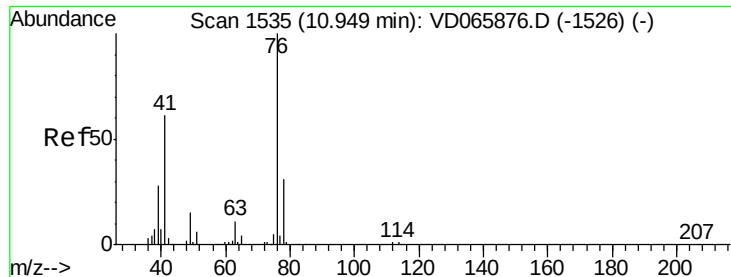
Tot Ion:	97	Resp:	213705
Ion	Ratio	Lower	Upper
97	100		
83	84.5	74.2	111.4
85	55.7	48.8	73.2
99	61.9	55.9	83.9



#56
 Ethyl methacrylate
 Concen: 165.392 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion:	69	Resp:	285732
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.4	83.2
39	35.5	33.0	49.4





#57

1,3-Dichloropropane

Concen: 149.874 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

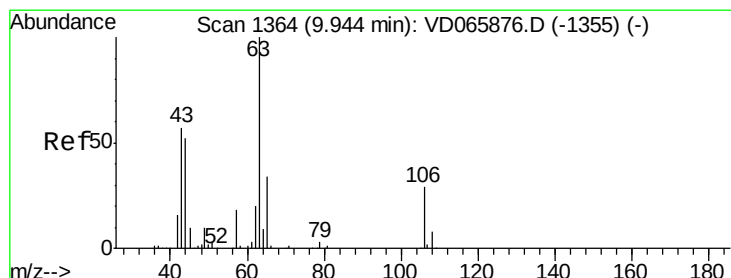
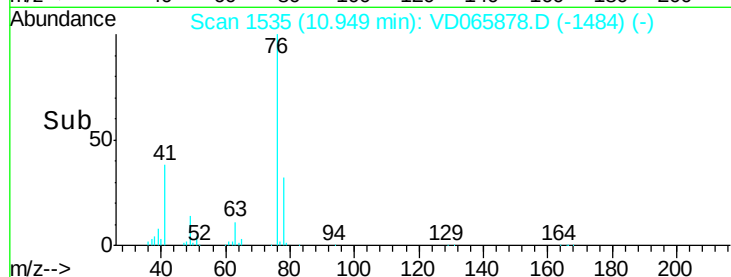
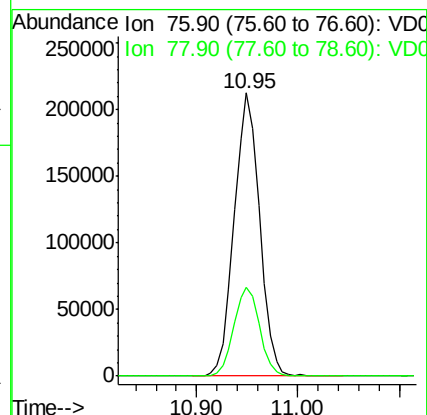
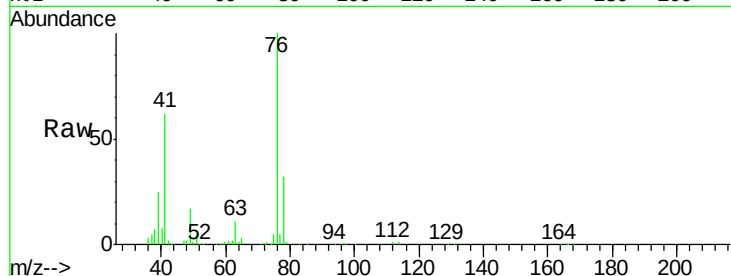
VSTDIC150

Tot Ion: 76 Resp: 370523

Ion Ratio Lower Upper

76 100

78 31.8 25.1 37.7



#58

2-Chloroethyl Vinyl ether

Concen: 788.003 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065878.D

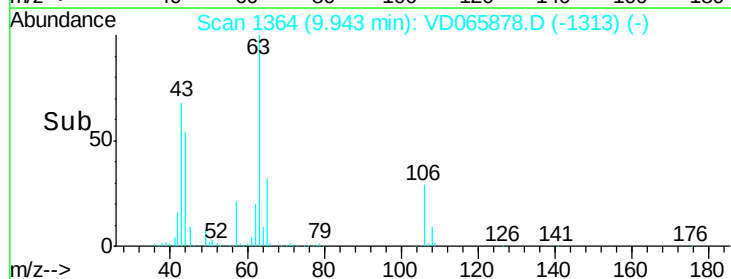
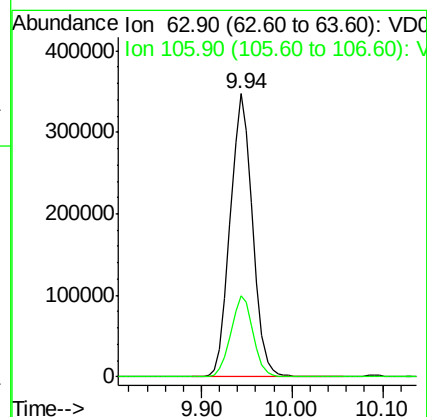
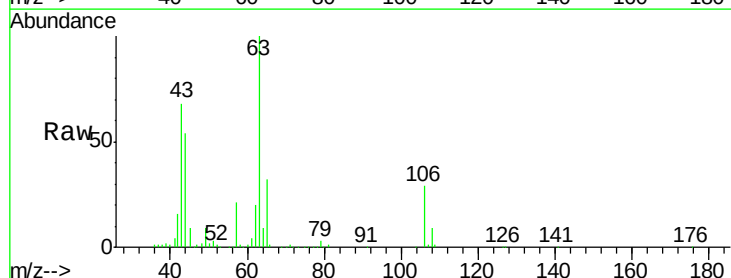
Acq: 26 Jun 2020 12:59

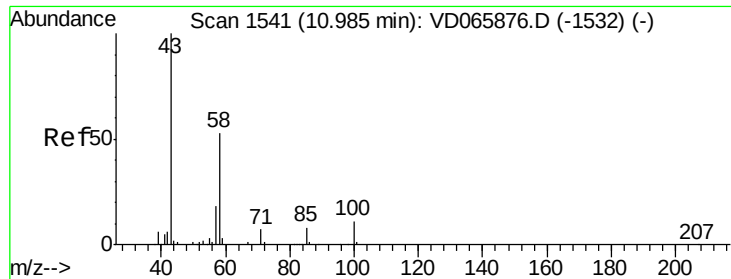
Tgt Ion: 63 Resp: 595893

Ion Ratio Lower Upper

63 100

106 28.4 22.6 34.0

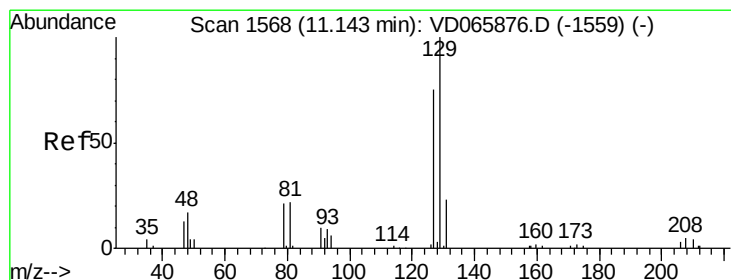
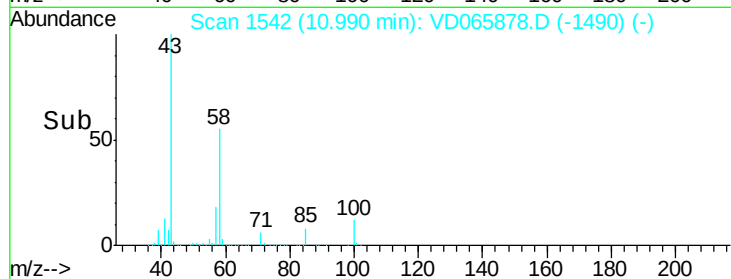
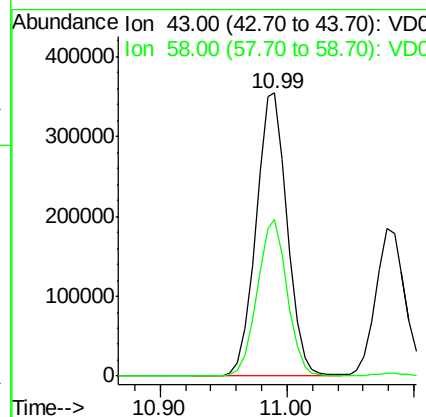
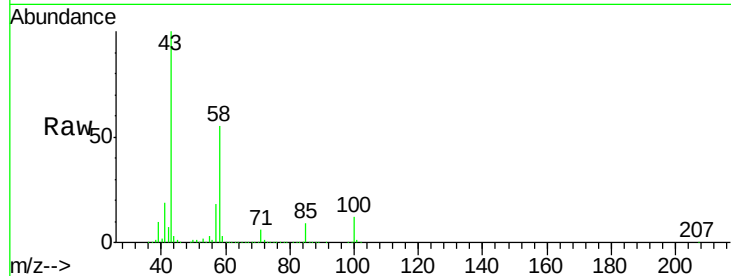




#59
2-Hexanone
Concen: 794.025 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

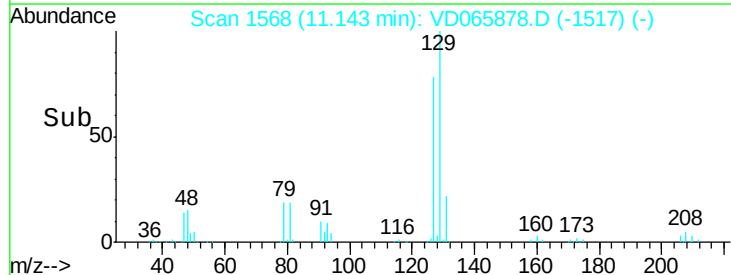
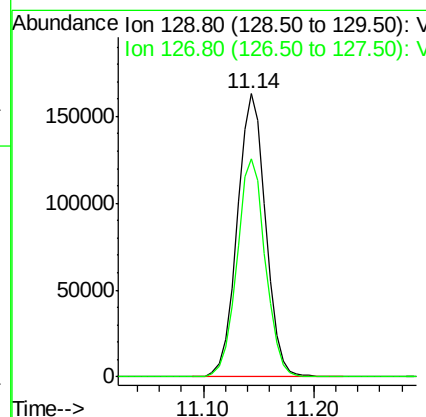
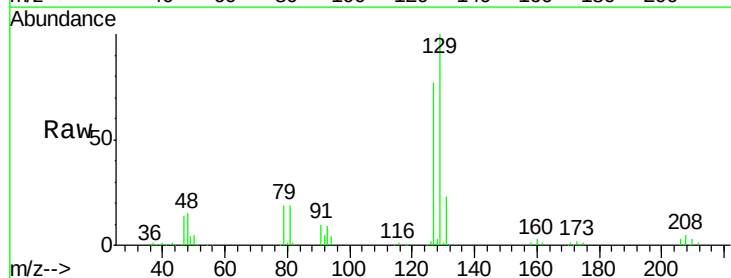
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

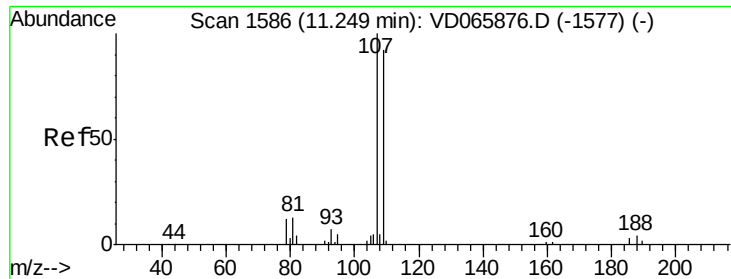
Tot Ion: 43 Resp: 606750
Ion Ratio Lower Upper
43 100
58 53.3 26.1 78.3



#60
Dibromochloromethane
Concen: 156.292 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 129 Resp: 293905
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

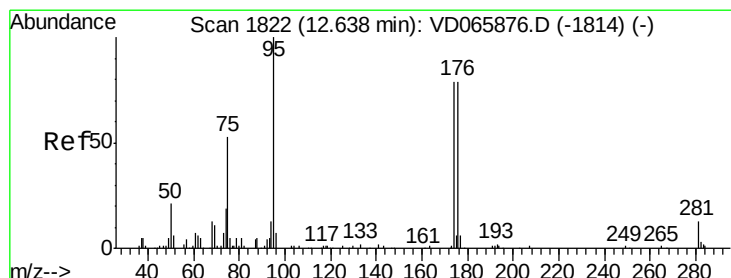
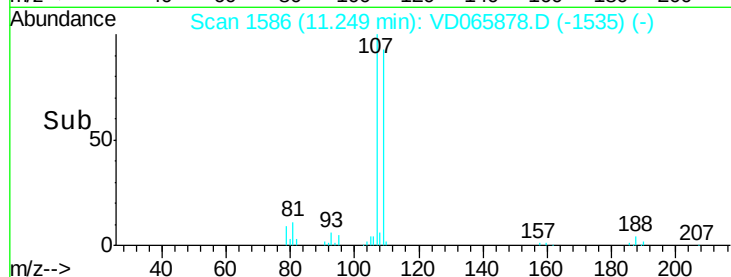
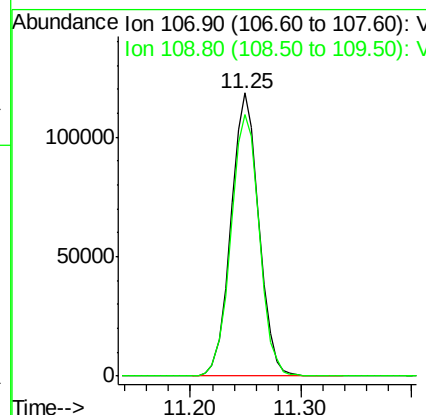
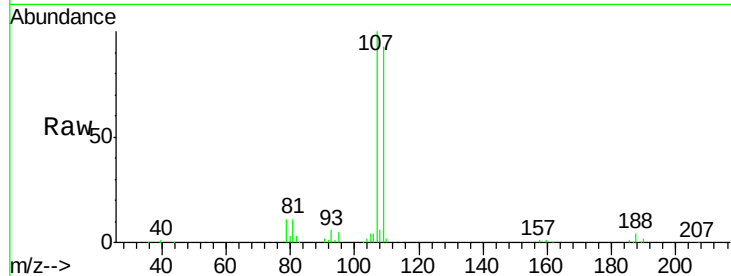




#61
 1,2-Dibromoethane
 Concen: 154.384 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

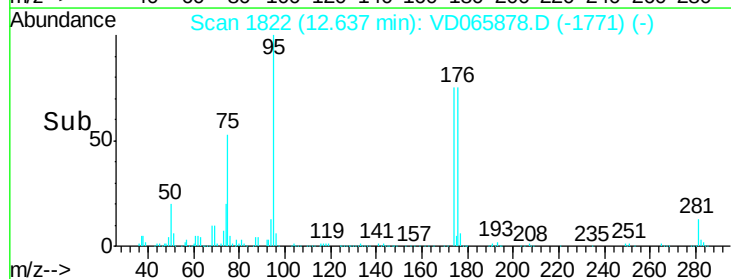
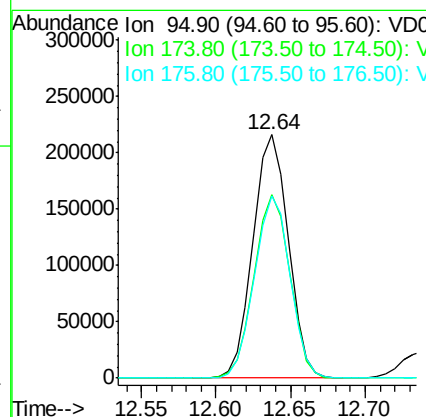
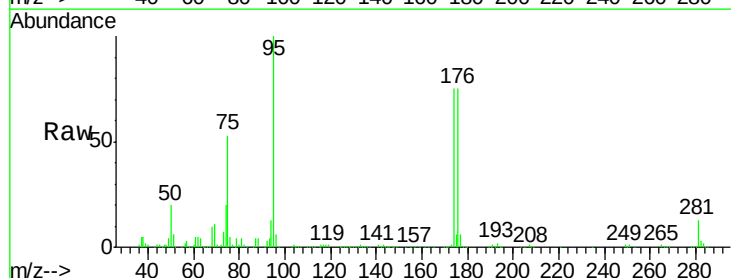
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

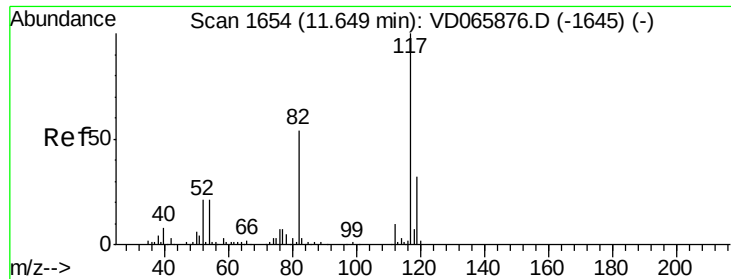
Tot Ion:107 Resp: 209245
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 157.298 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion: 95 Resp: 354287
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 158.4
 176 74.9 0.0 156.0

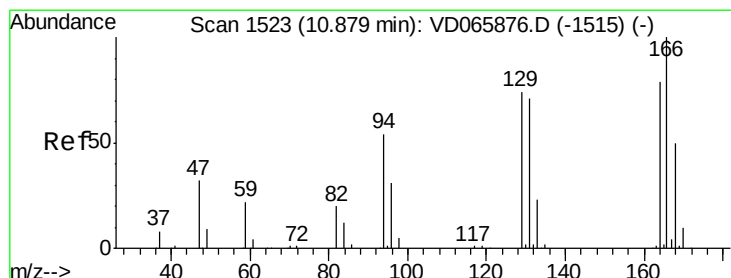
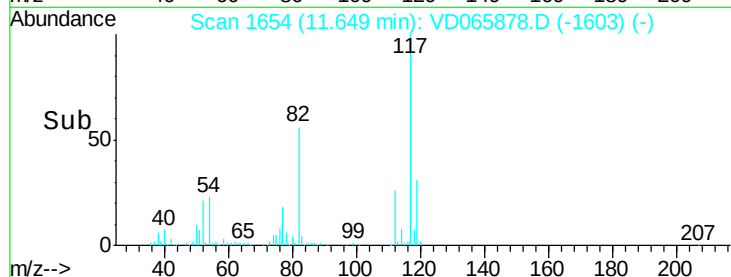
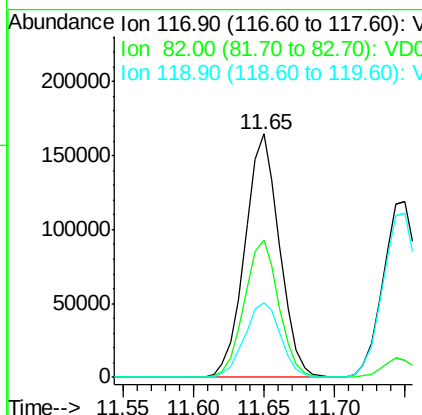
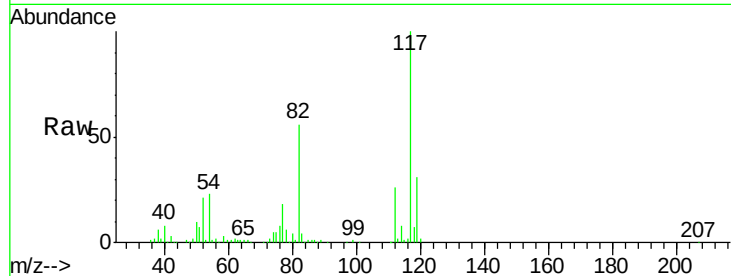




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

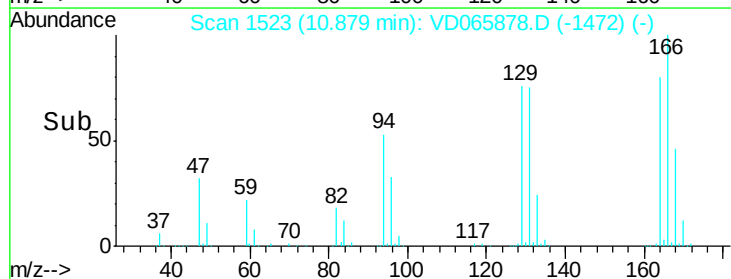
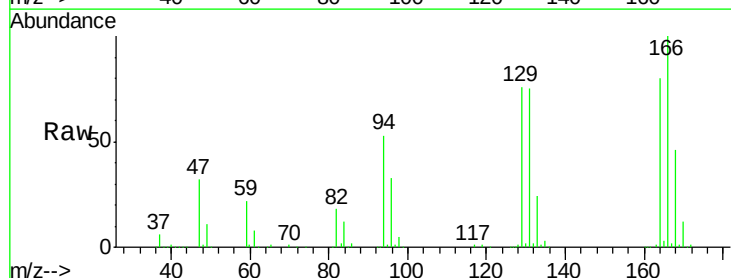
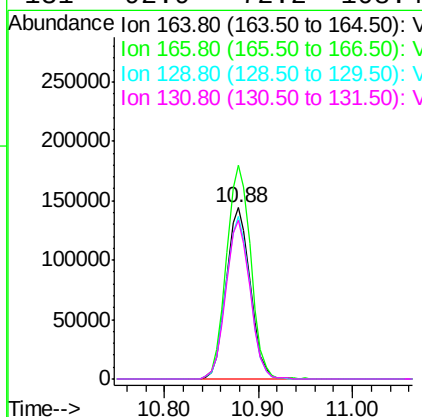
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

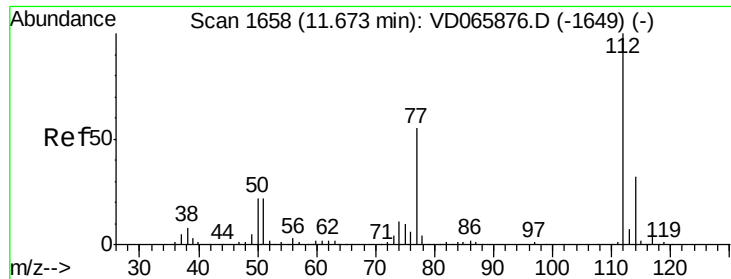
Tot Ion:117 Resp: 282479
Ion Ratio Lower Upper
117 100
82 56.4 43.6 65.4
119 30.6 25.9 38.9



#64
Tetrachloroethene
Concen: 139.821 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion:164 Resp: 256789
Ion Ratio Lower Upper
164 100
166 124.6 101.3 151.9
129 94.8 74.5 111.7
131 92.9 72.2 108.4

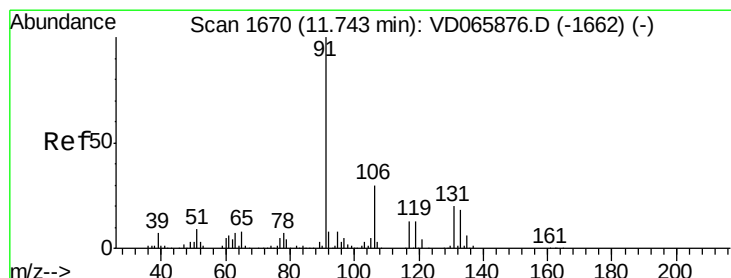
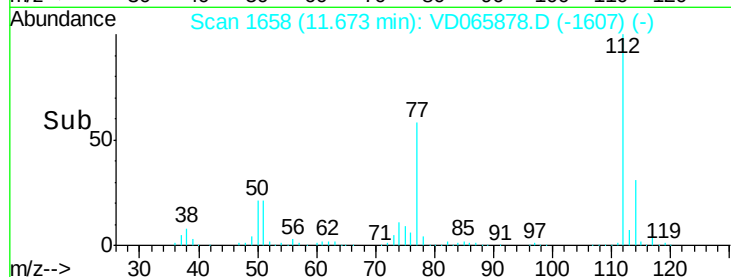
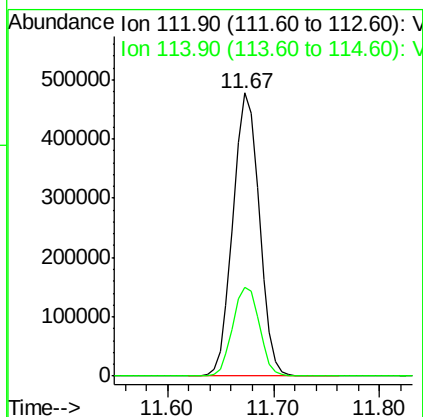
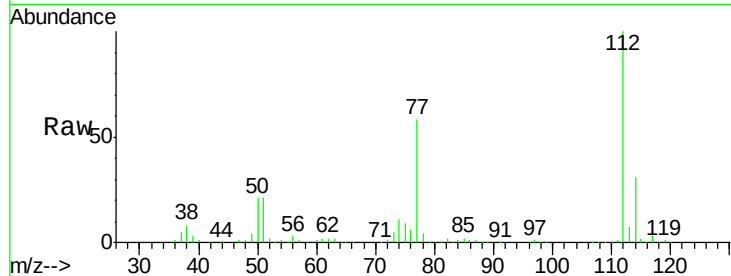




#65
Chlorobenzene
Concen: 147.529 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

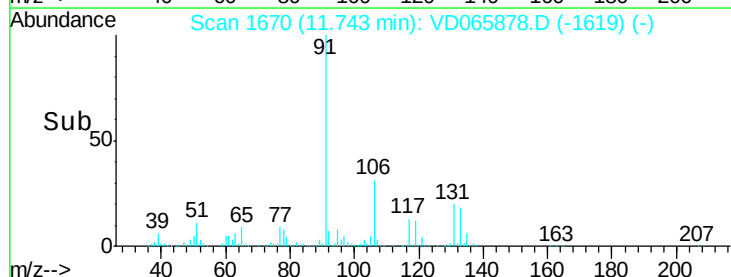
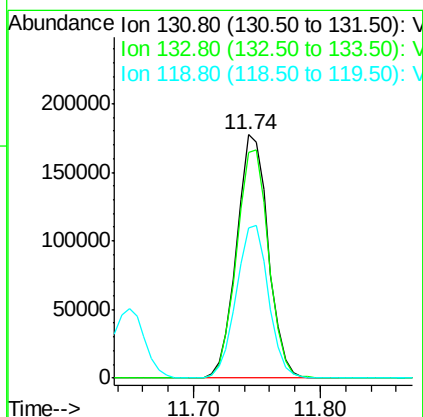
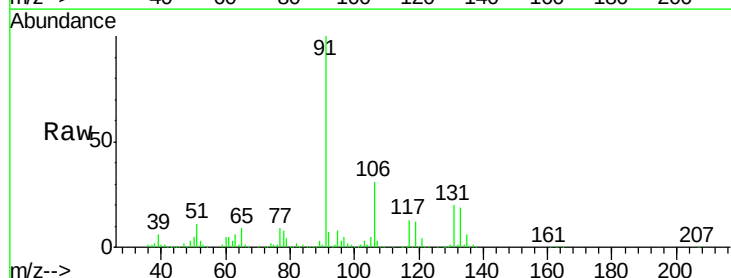
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

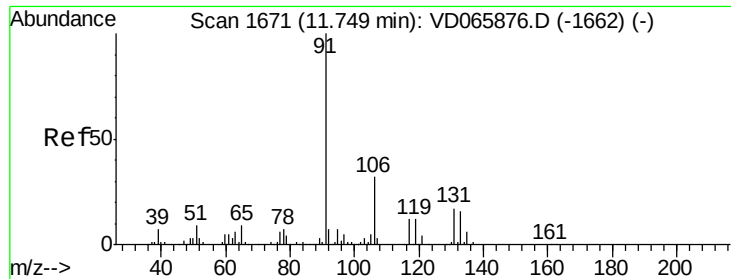
Tot Ion:112 Resp: 821898
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 148.456 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion:131 Resp: 306380
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 63.9 33.0 98.9

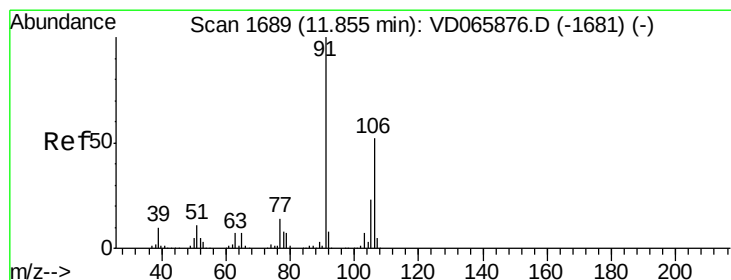
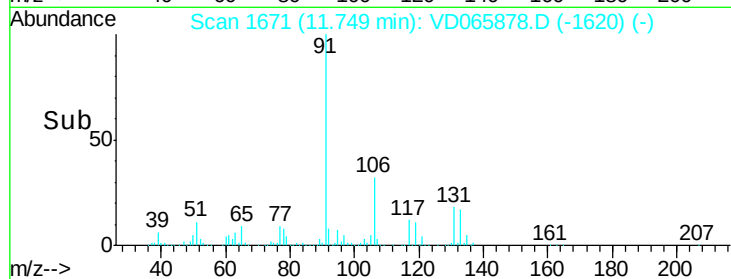
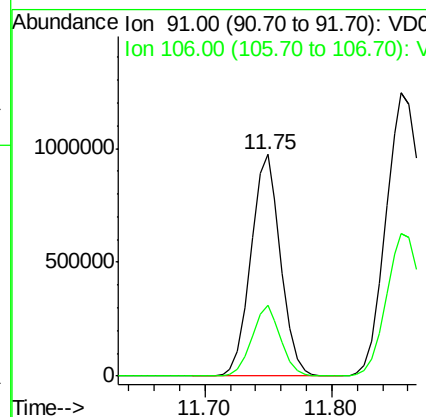
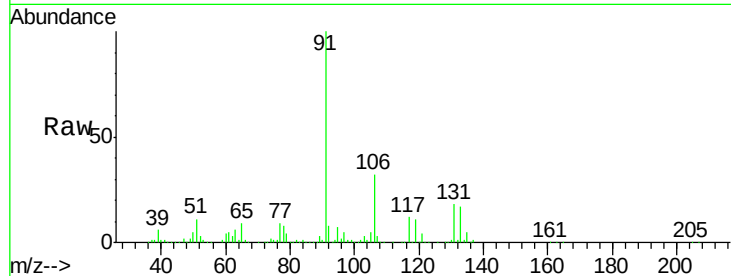




#67
Ethyl Benzene
Concen: 152.554 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

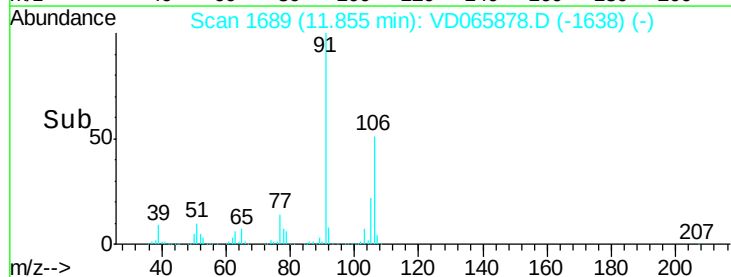
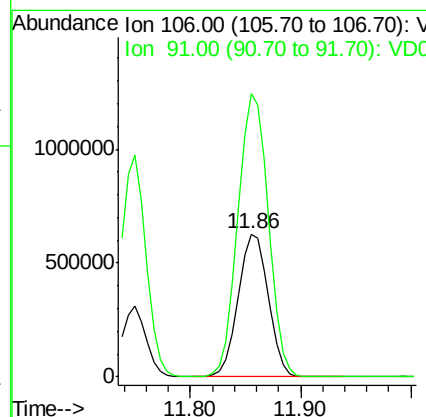
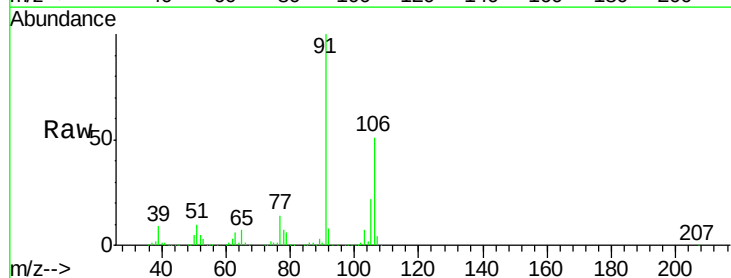
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

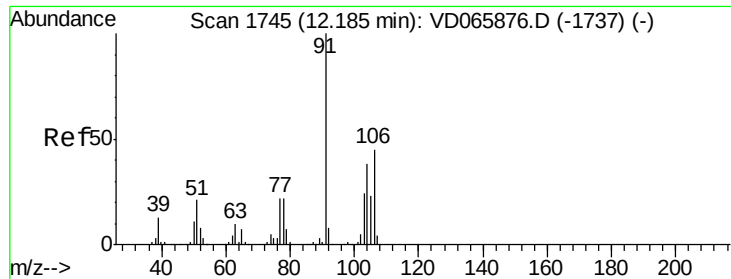
Tot Ion: 91 Resp: 1575899
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9



#68
m/p-Xylenes
Concen: 305.962 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 106 Resp: 1205638
Ion Ratio Lower Upper
106 100
91 200.6 159.5 239.3

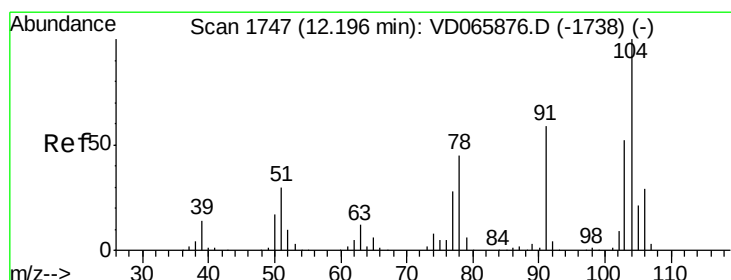
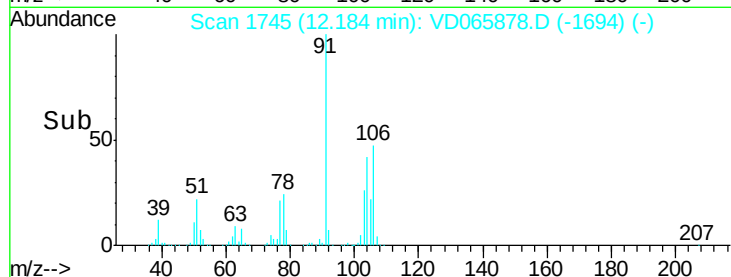
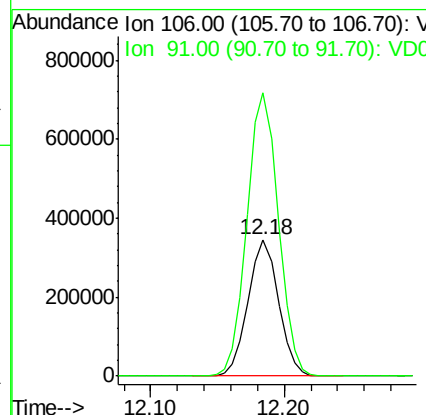
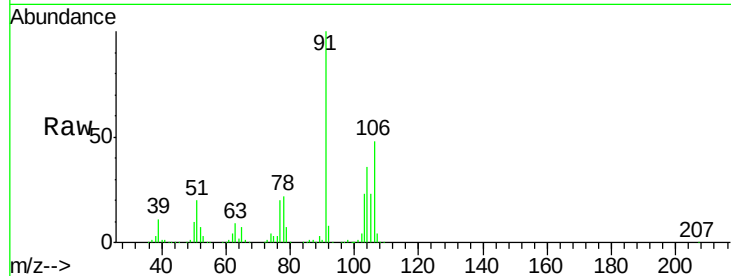




#69
o-Xylene
Concen: 154.729 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

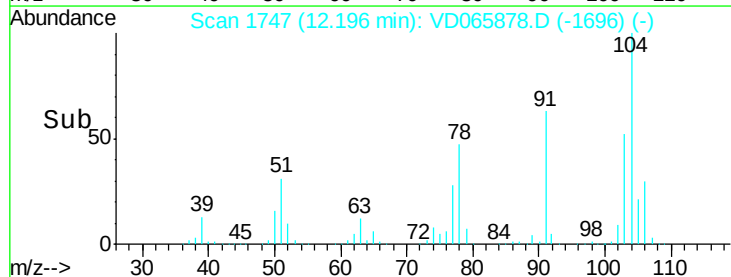
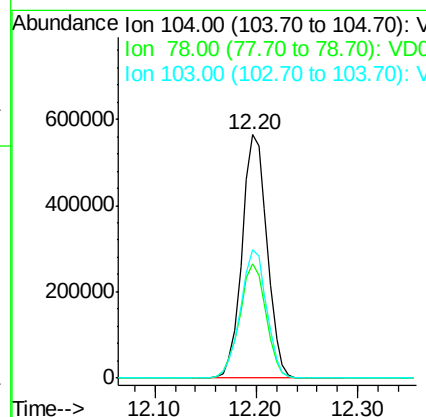
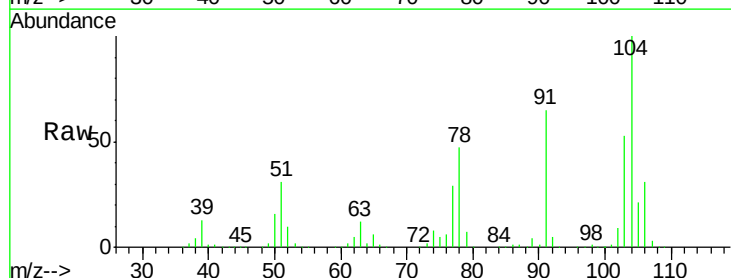
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

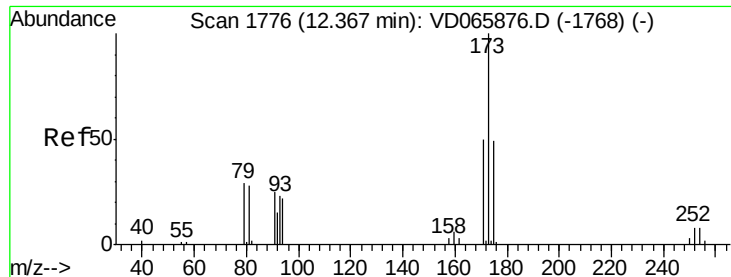
Tot Ion:106 Resp: 546393
Ion Ratio Lower Upper
106 100
91 213.1 107.5 322.6



#70
Styrene
Concen: 155.932 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion:104 Resp: 963673
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.6
103 55.2 44.6 66.8





#71

Bromoform

Concen: 144.766 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

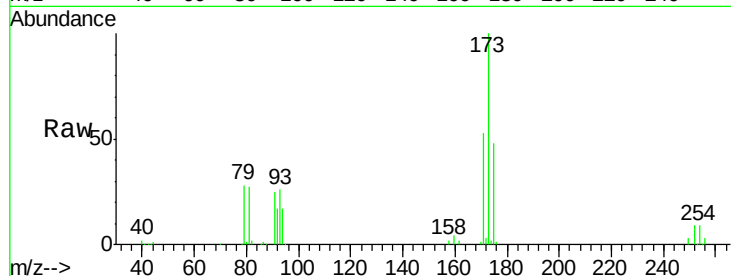
Tot Ion:173 Resp: 159160

Ion Ratio Lower Upper

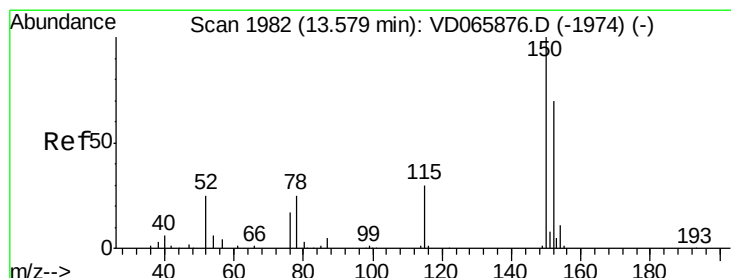
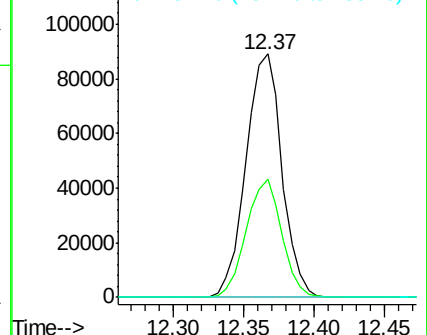
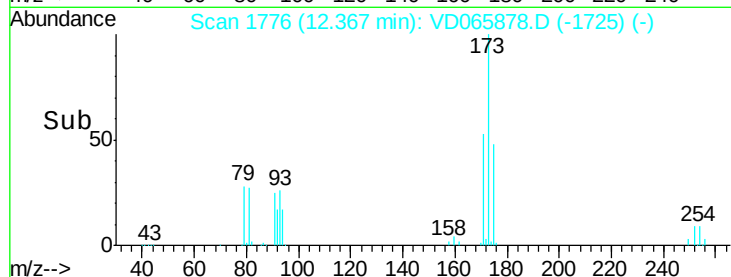
173 100

175 47.9 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: VD065878.D

Acq: 26 Jun 2020 12:59

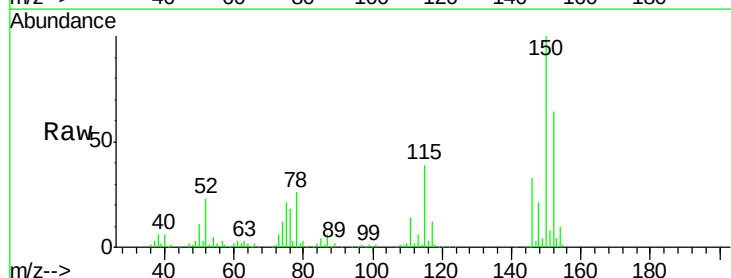
Tgt Ion:152 Resp: 142262

Ion Ratio Lower Upper

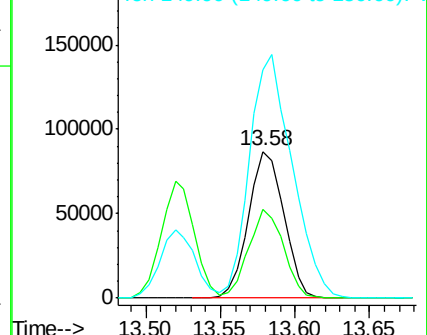
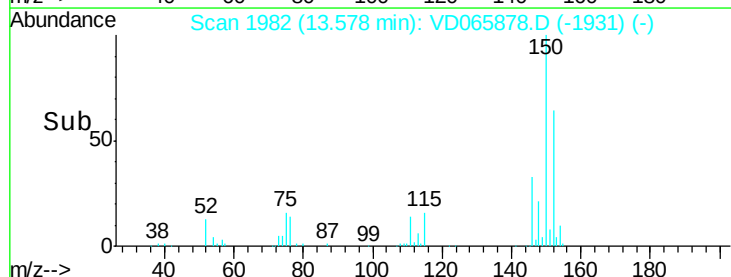
152 100

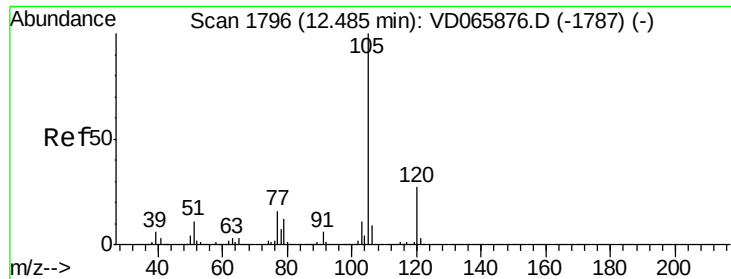
115 59.5 29.7 89.1

150 200.8 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: 149.688 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

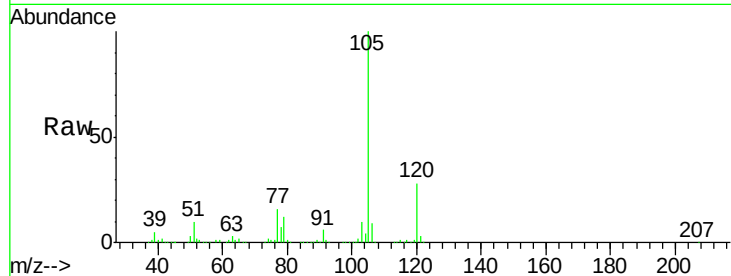
VSTDIC150

Tot Ion:105 Resp: 1522864

Ion Ratio Lower Upper

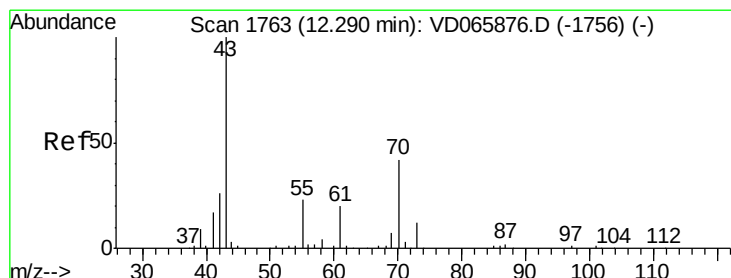
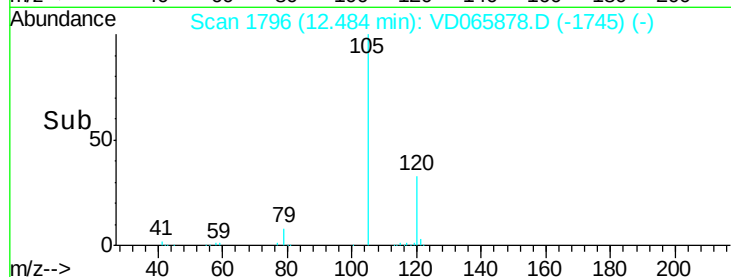
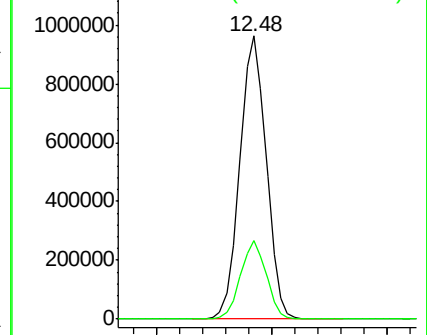
105 100

120 27.0 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-amyl acetate

Concen: 152.879 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Tgt Ion: 43 Resp: 339624

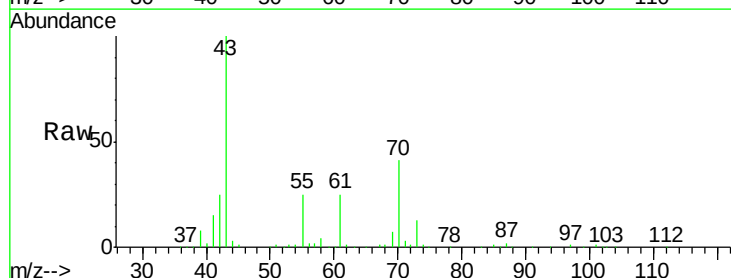
Ion Ratio Lower Upper

43 100

70 42.1 32.5 48.7

55 23.1 18.7 28.1

61 23.7 16.7 25.1

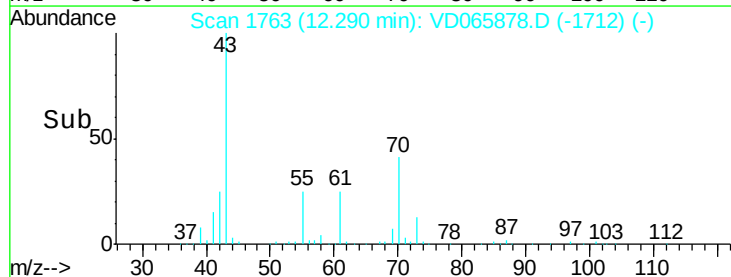
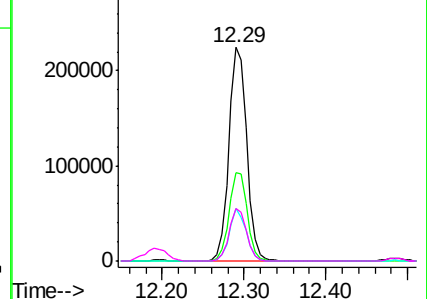


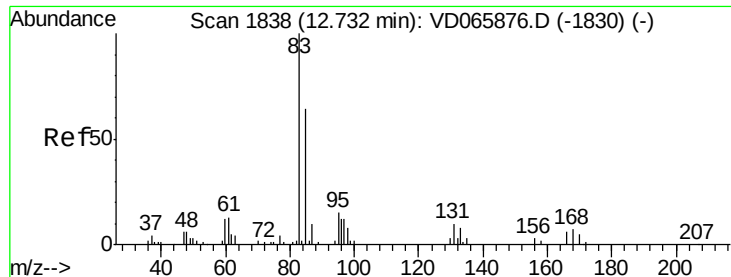
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

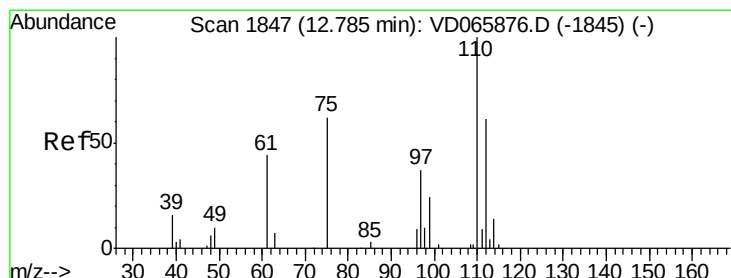
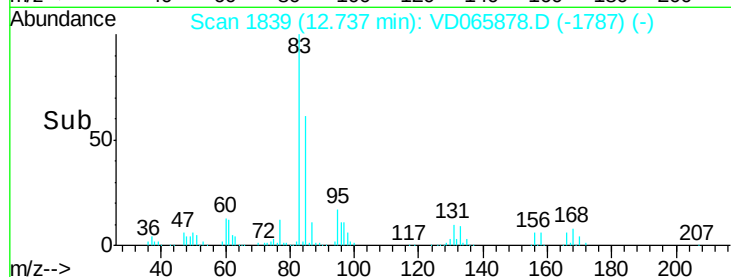
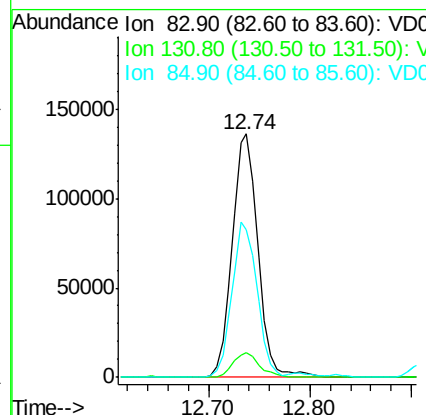
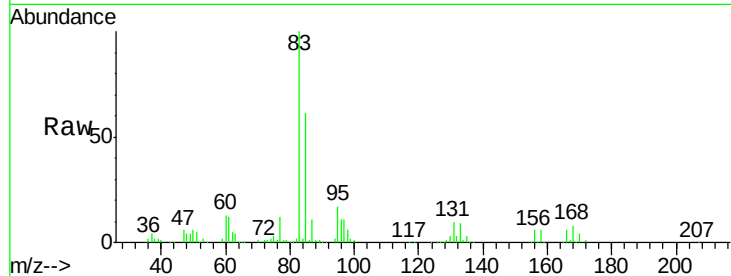




#75
 1,1,2,2-Tetrachloroethane
 Concen: 142.915 ug/l
 RT: 12.74 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

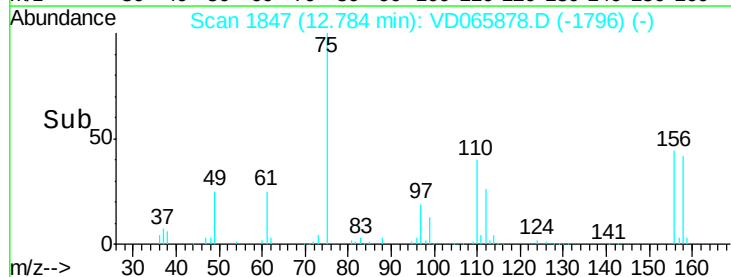
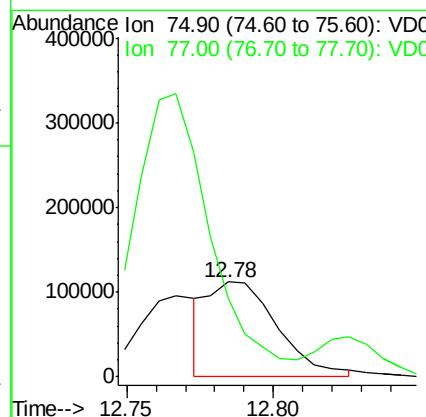
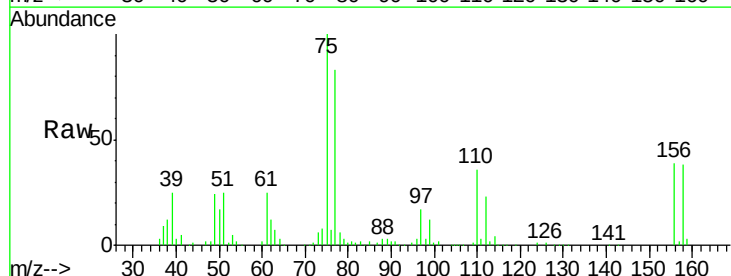
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

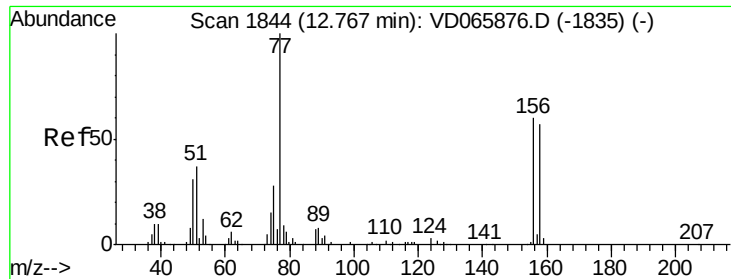
Tot Ion	83	Resp	239712
Ion Ratio	100	Lower	Upper
83	100		
131	10.6	5.5	16.4
85	62.0	32.3	96.9



#76
 1,2,3-Trichloropropane
 Concen: 156.402 ug/l m
 RT: 12.78 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion	75	Resp	184463
Ion Ratio	100	Lower	Upper
75	100		
77	334.4	168.5	505.5





#77

Bromobenzene

Concen: 142.530 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

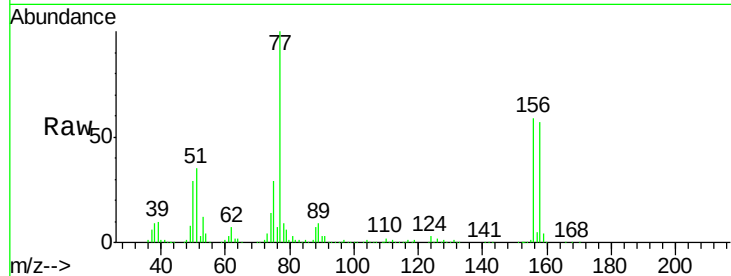
Tot Ion:156 Resp: 326392

Ion Ratio Lower Upper

156 100

77 189.0 90.5 271.5

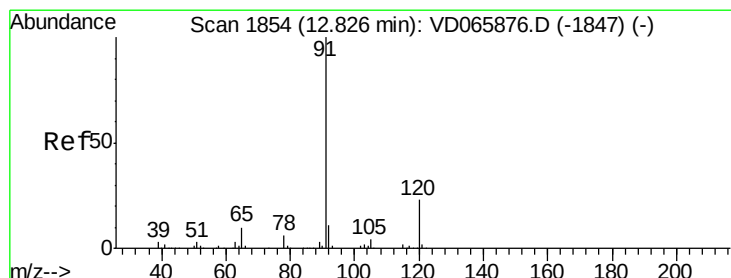
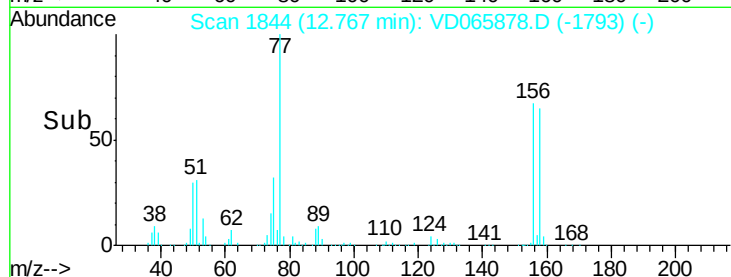
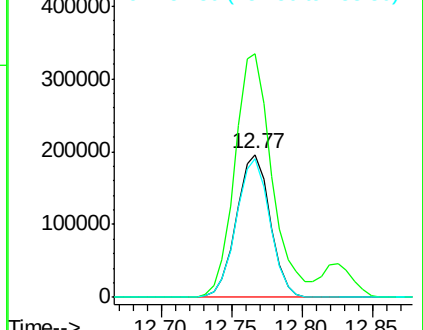
158 96.8 48.2 144.6



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: 148.092 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065878.D

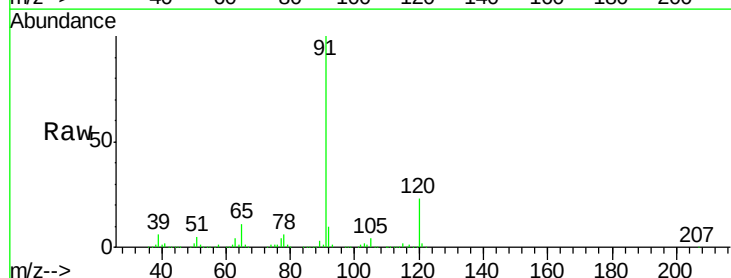
Acq: 26 Jun 2020 12:59

Tgt Ion: 91 Resp: 1819462

Ion Ratio Lower Upper

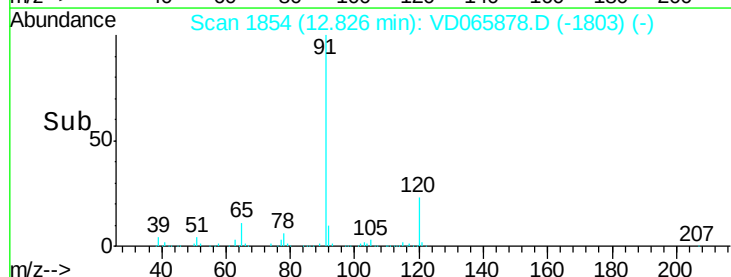
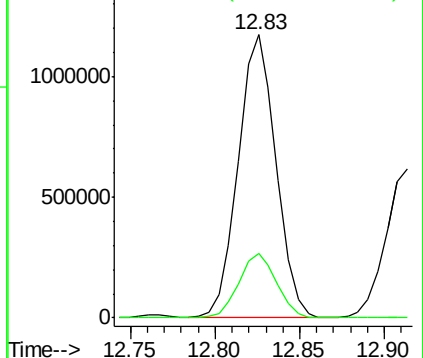
91 100

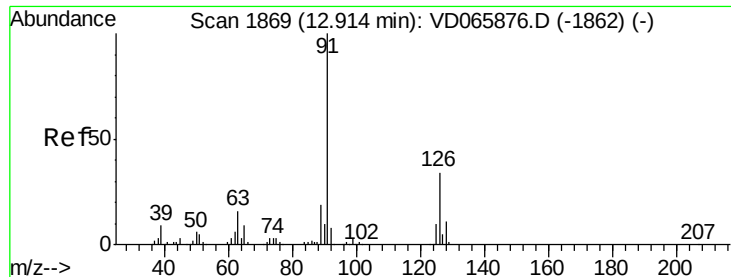
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

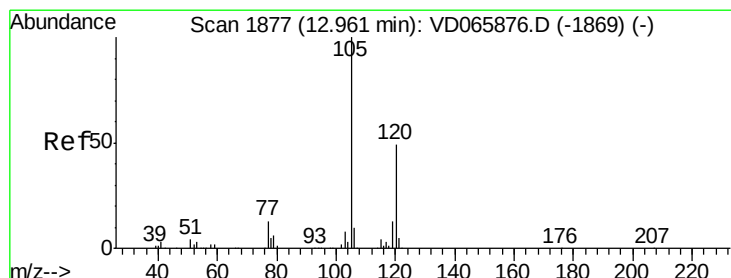
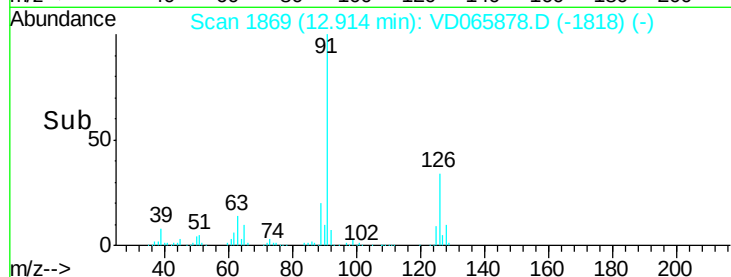
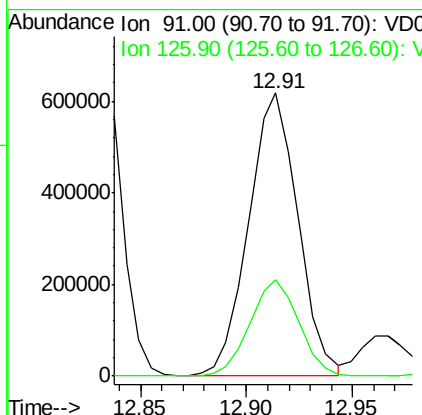
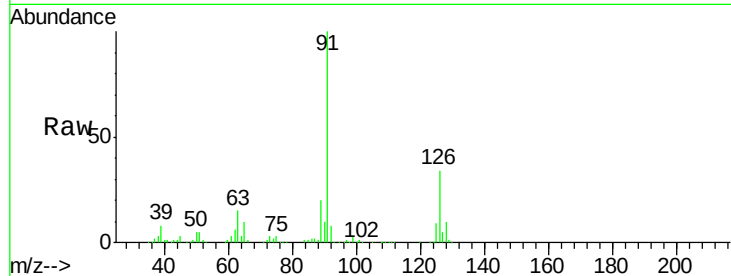




#79
 2-Chlorotoluene
 Concen: 148.374 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

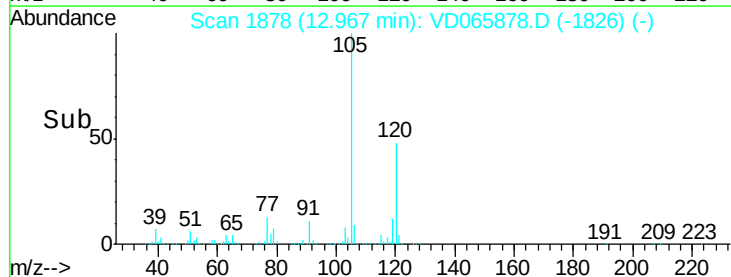
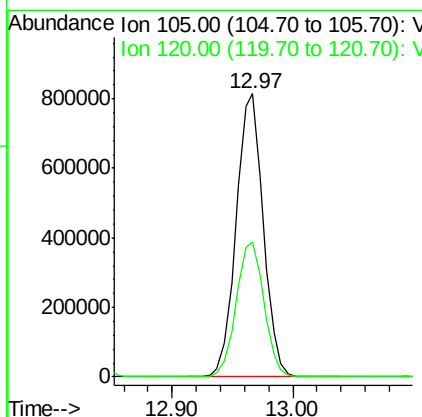
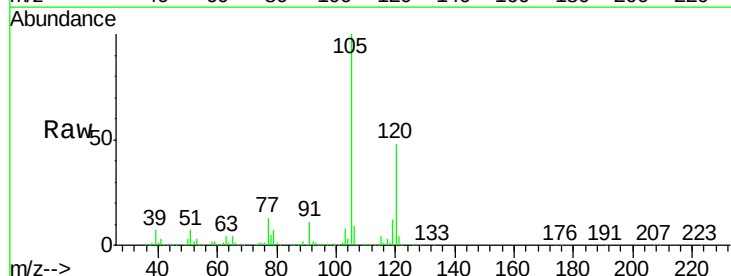
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

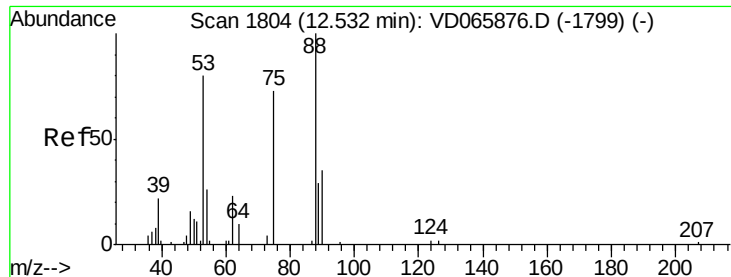
Tot Ion: 91 Resp: 1001694
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 150.048 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion: 105 Resp: 1271989
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 150.192 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

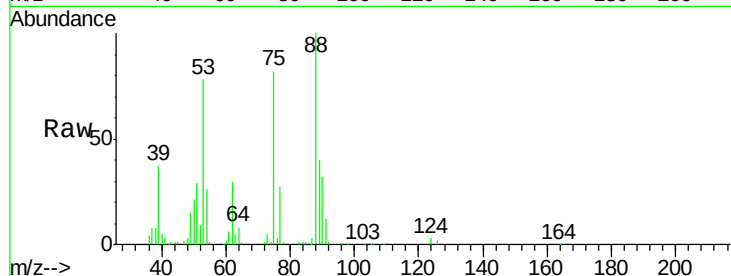
Tot Ion: 75 Resp: 86035

Ion Ratio Lower Upper

75 100

53 94.3 80.6 121.0

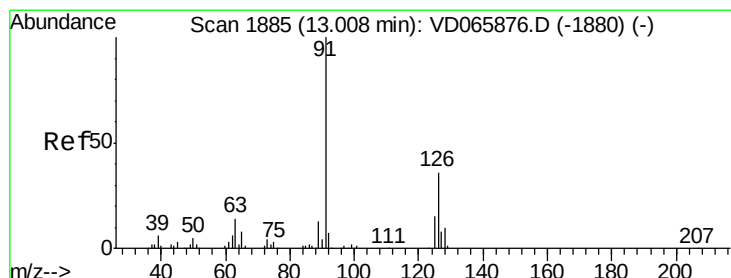
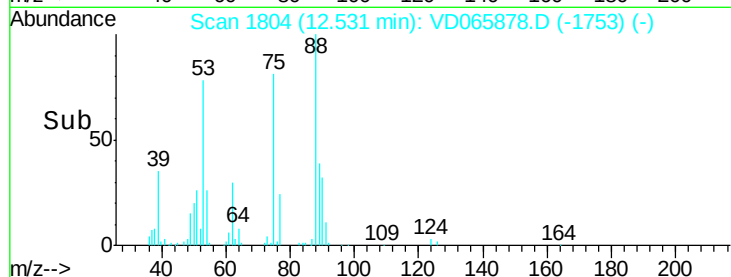
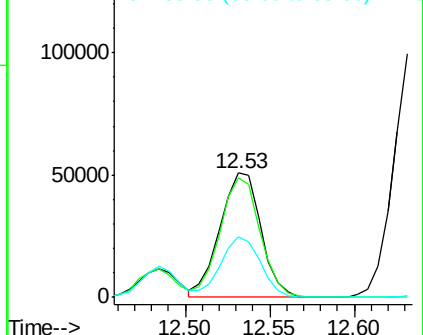
89 46.3 36.5 54.7



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: 148.099 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065878.D

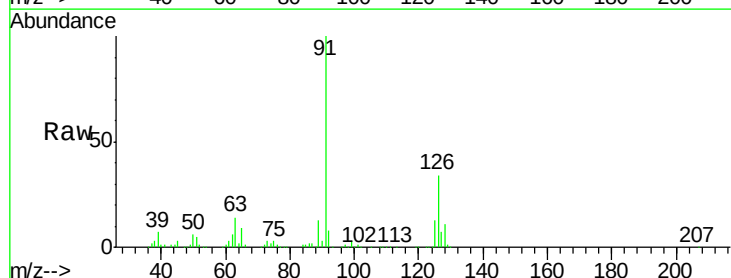
Acq: 26 Jun 2020 12:59

Tgt Ion: 91 Resp: 1075200

Ion Ratio Lower Upper

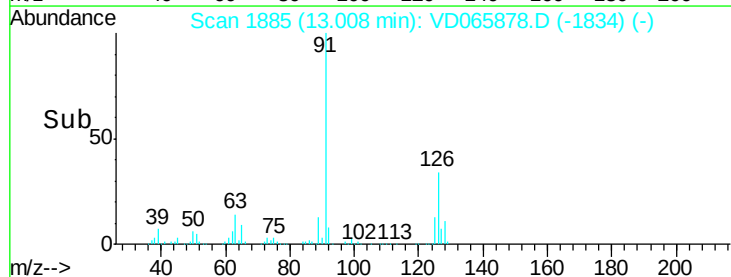
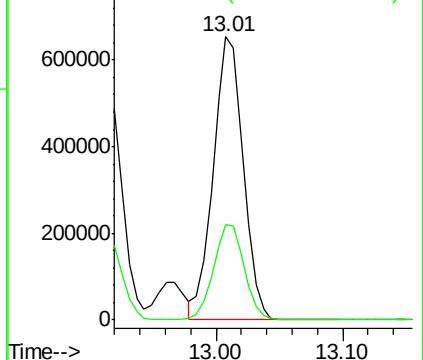
91 100

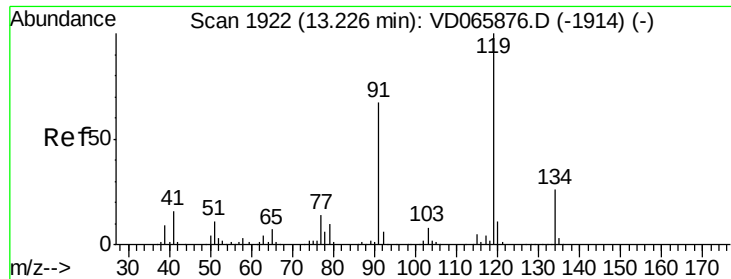
126 34.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

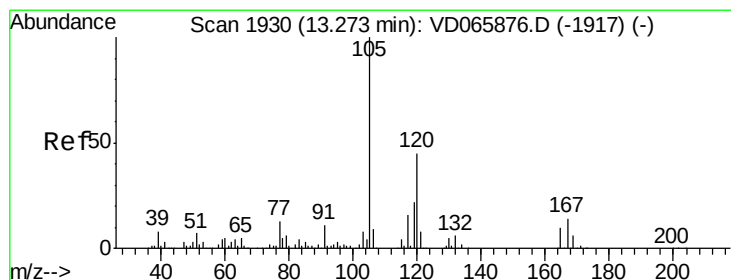
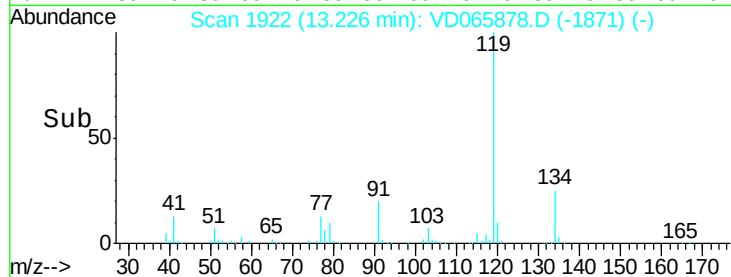
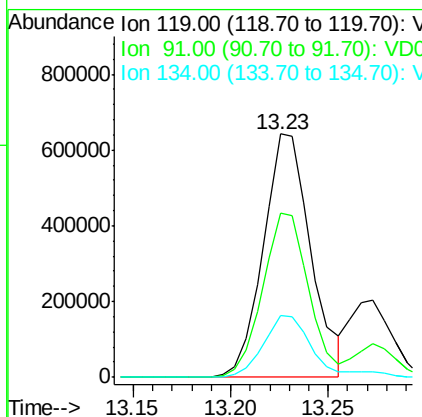
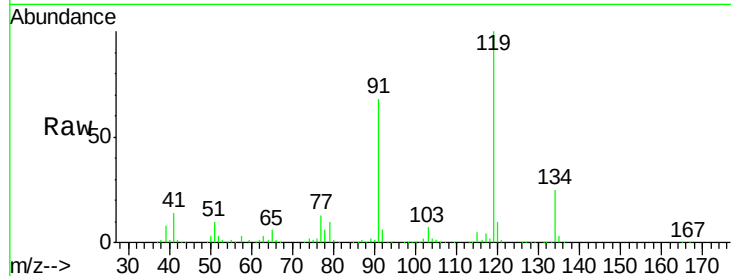




#83
 tert-Butylbenzene
 Concen: 150.251 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

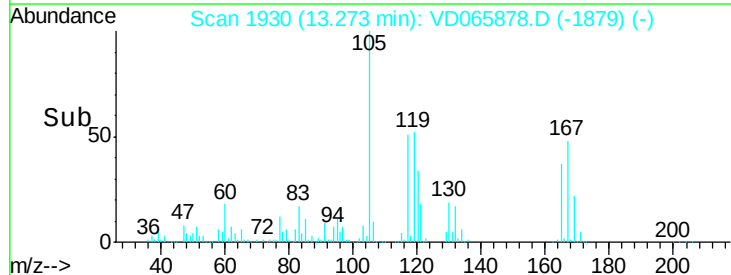
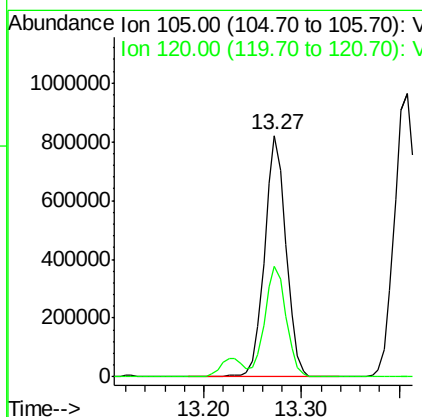
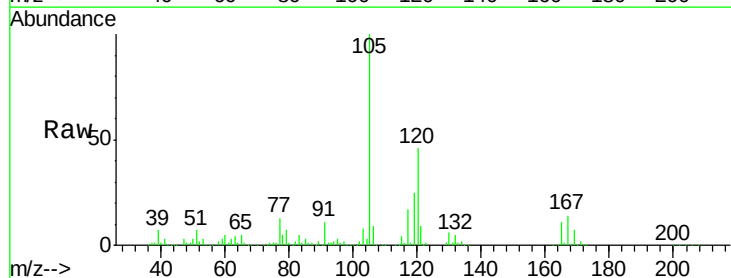
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

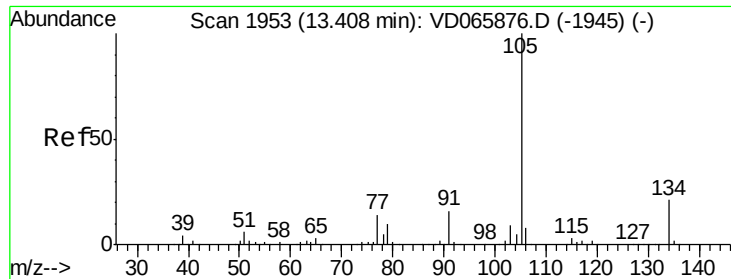
Tot Ion:119 Resp: 1082590
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.2 96.6
 134 26.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 150.080 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion:105 Resp: 1266066
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 148.814 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

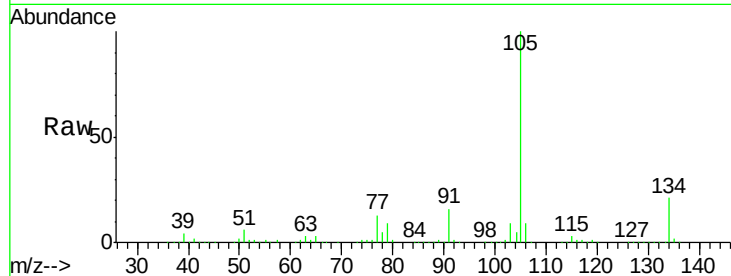
VSTDIC150

Tot Ion:105 Resp: 1514906

Ion Ratio Lower Upper

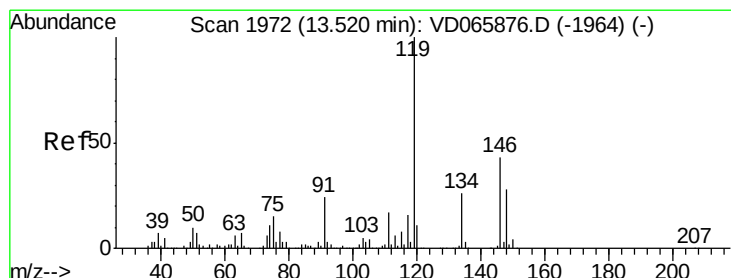
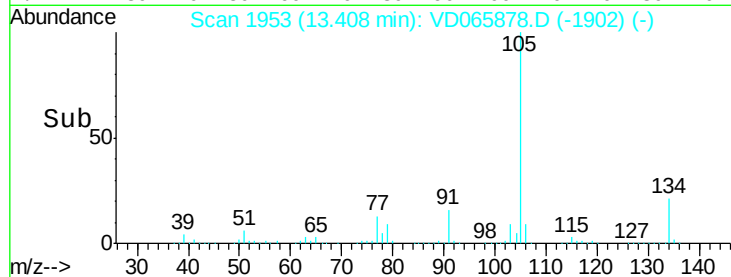
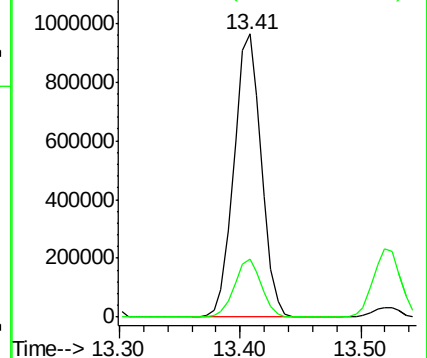
105 100

134 20.2 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: 149.730 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

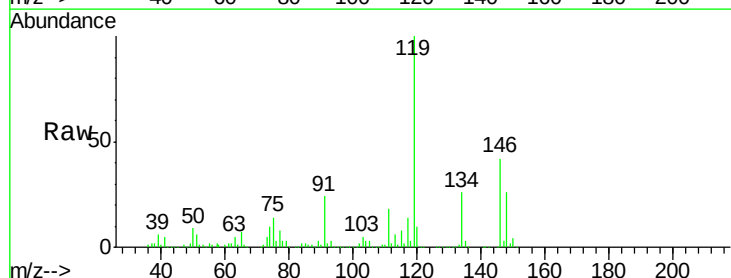
Tgt Ion:119 Resp: 1399543

Ion Ratio Lower Upper

119 100

134 25.9 13.4 40.1

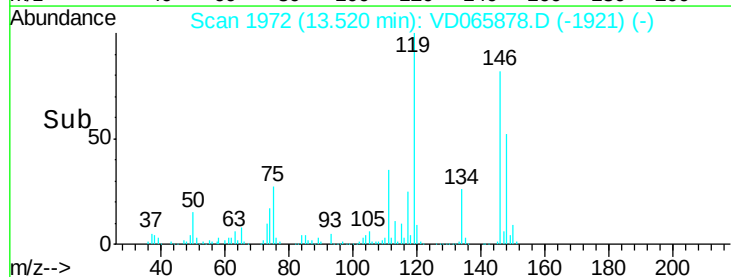
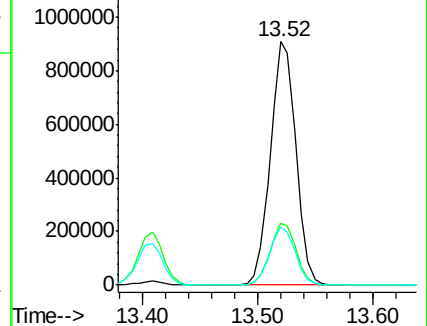
91 23.9 12.0 36.1

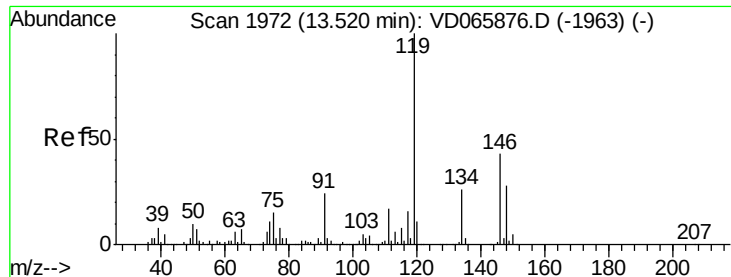


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 143.833 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

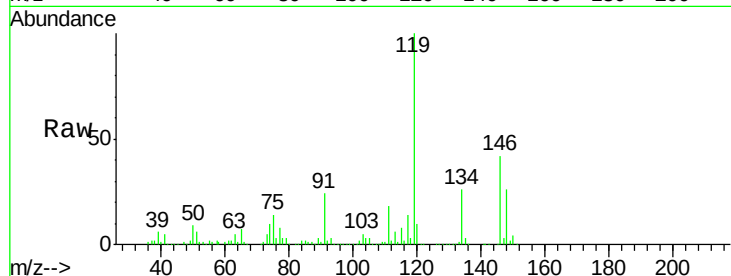
Tot Ion:146 Resp: 641568

Ion Ratio Lower Upper

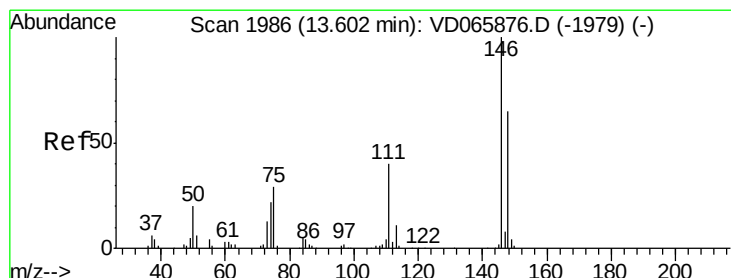
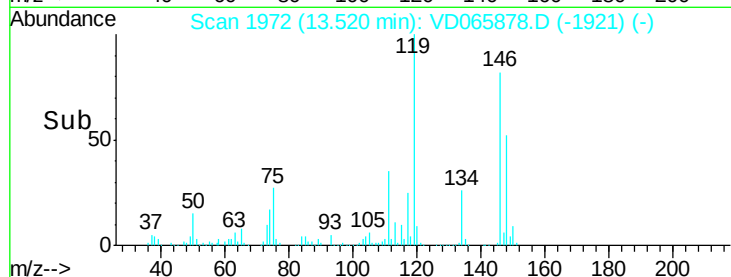
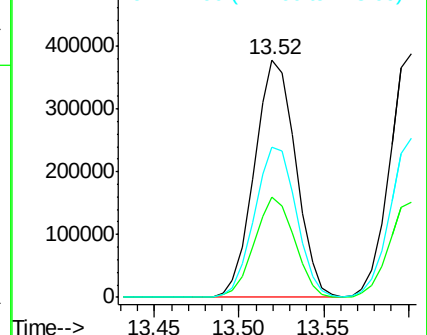
146 100

111 41.0 19.4 58.4

148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 139.994 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065878.D

Acq: 26 Jun 2020 12:59

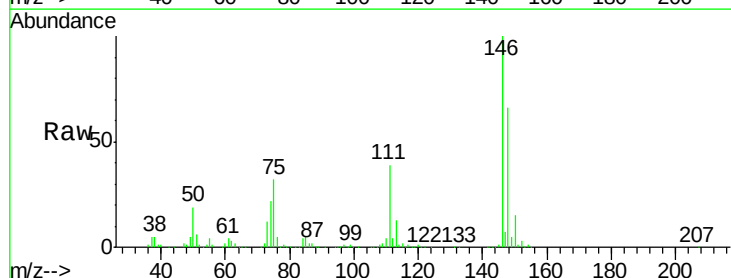
Tgt Ion:146 Resp: 624283

Ion Ratio Lower Upper

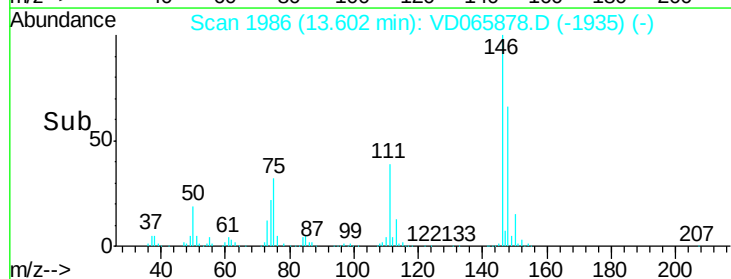
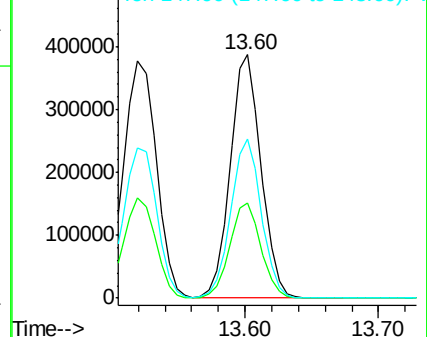
146 100

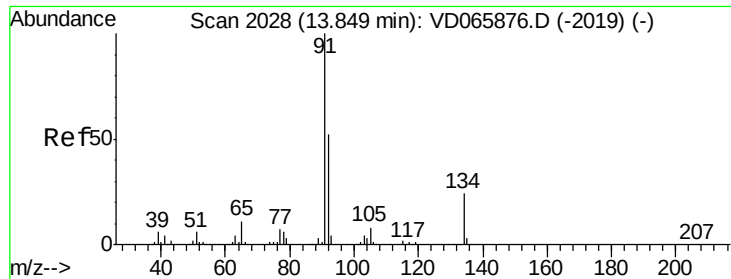
111 39.5 19.9 59.6

148 64.8 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

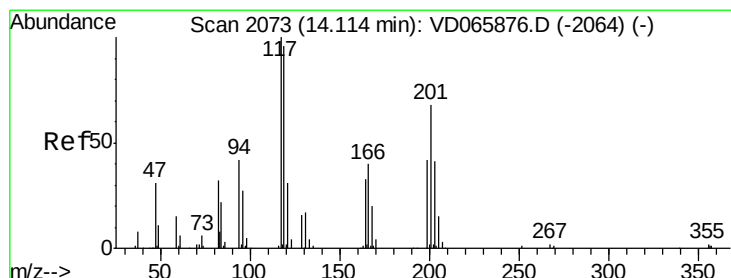
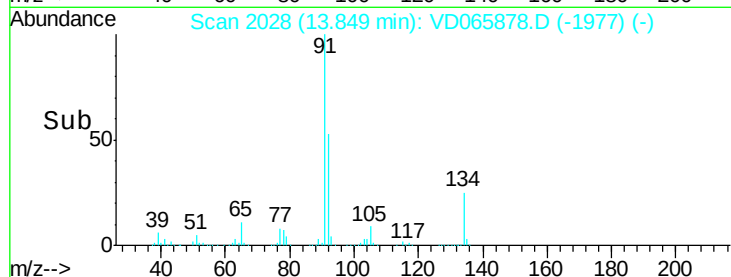
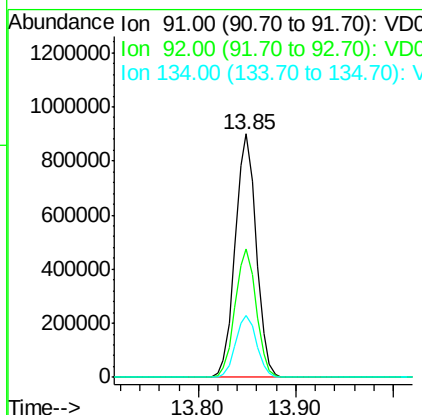
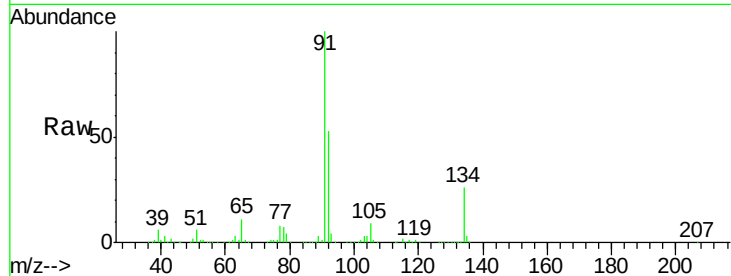




#89
n-Butylbenzene
Concen: 147.865 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

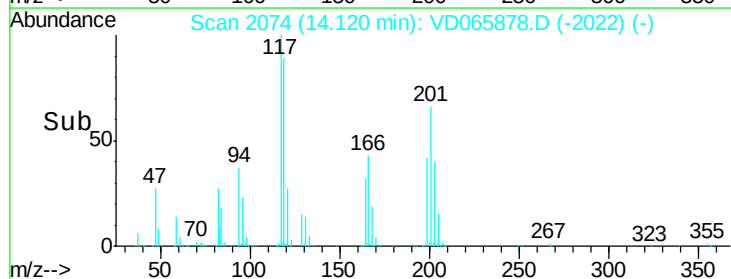
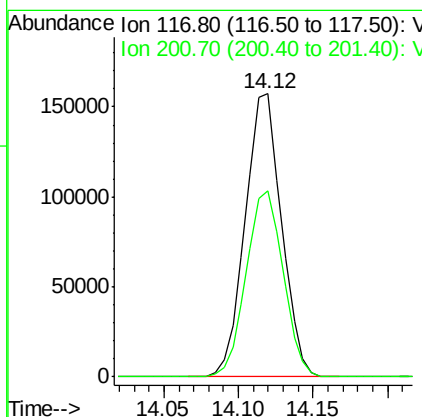
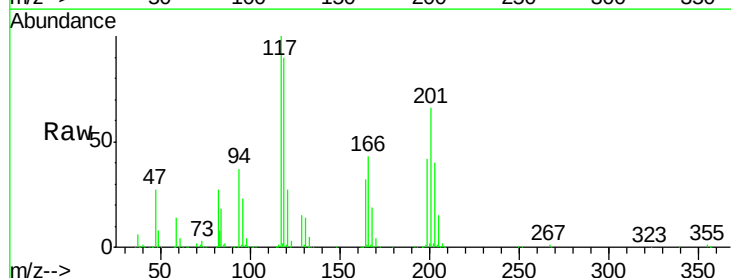
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

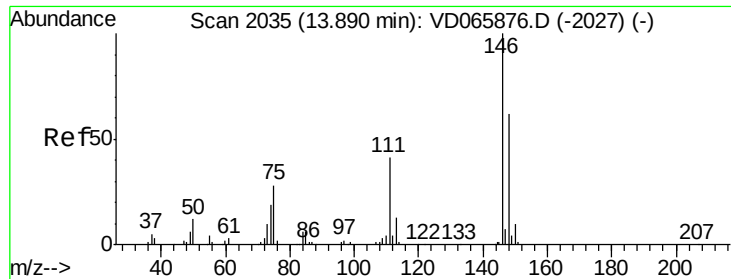
Tot Ion: 91 Resp: 1339998
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.4
134 25.6 12.4 37.2



#90
Hexachloroethane
Concen: 140.805 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion: 117 Resp: 265359
Ion Ratio Lower Upper
117 100
201 66.7 35.1 105.5

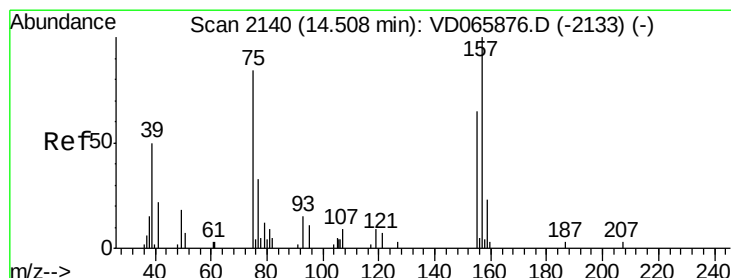
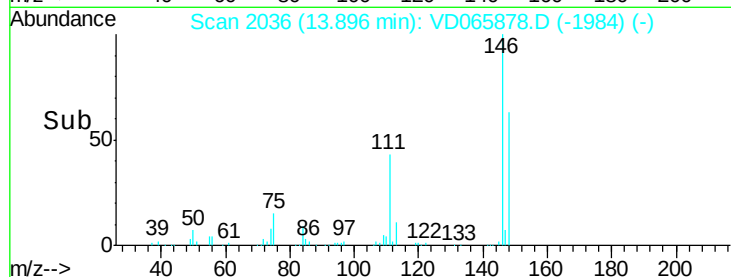
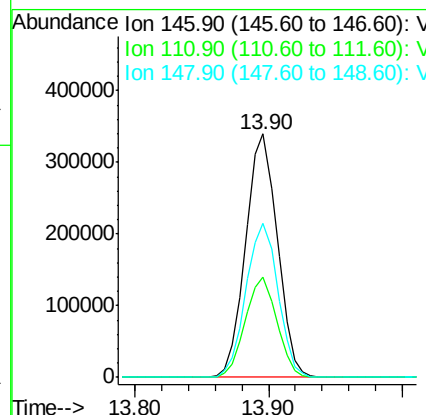
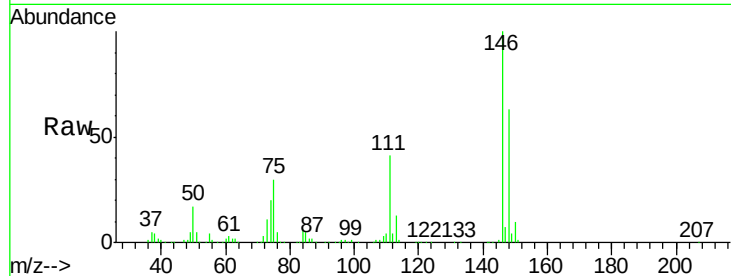




#91
 1,2-Dichlorobenzene
 Concen: 142.778 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

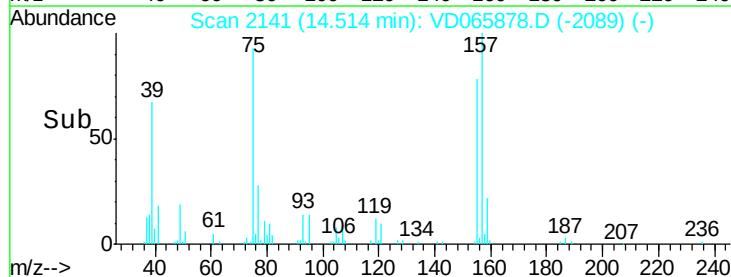
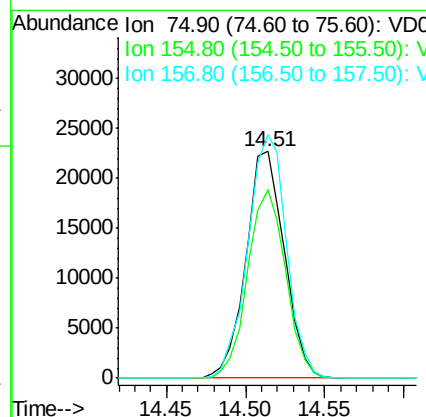
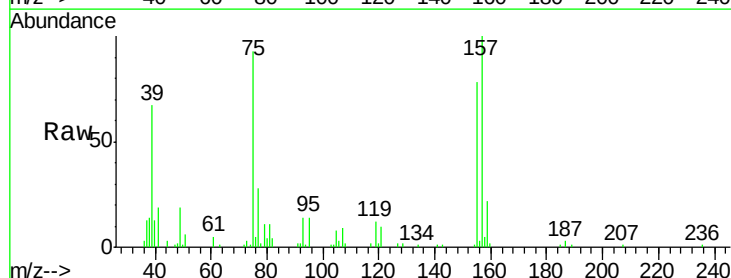
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

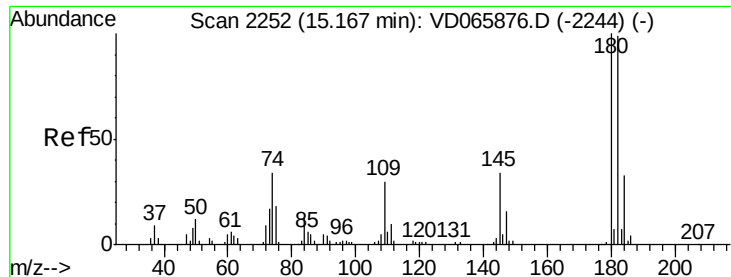
Tot Ion:146 Resp: 556513
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.4
 148 63.8 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 142.483 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065878.D
 Acq: 26 Jun 2020 12:59

Tgt Ion: 75 Resp: 38282
 Ion Ratio Lower Upper
 75 100
 155 81.7 37.8 113.3
 157 107.9 50.6 151.8

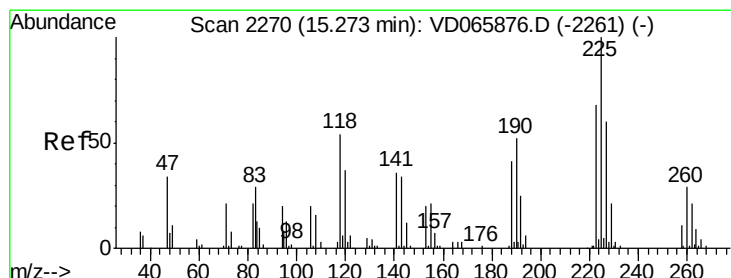
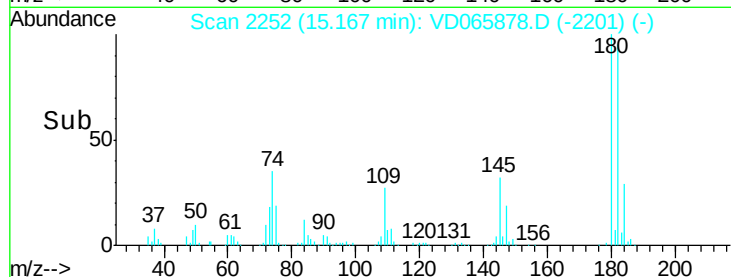
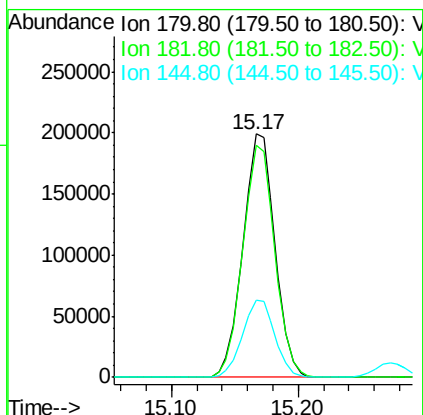
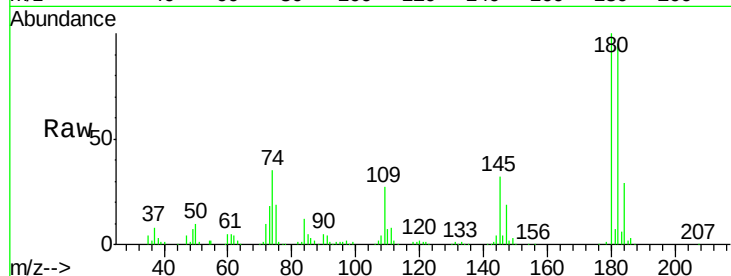




#93
1,2,4-Trichlorobenzene
Concen: 138.258 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

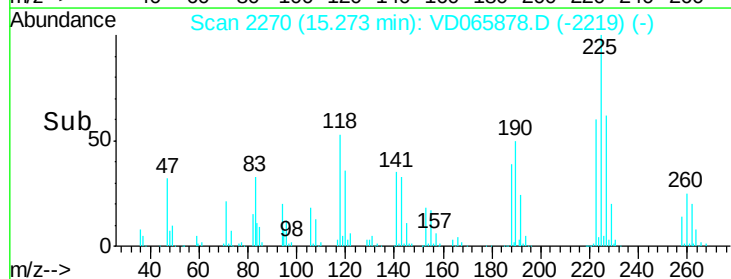
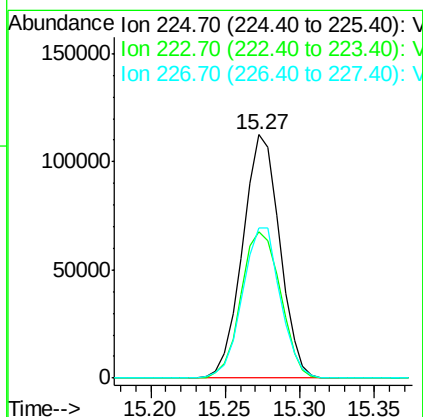
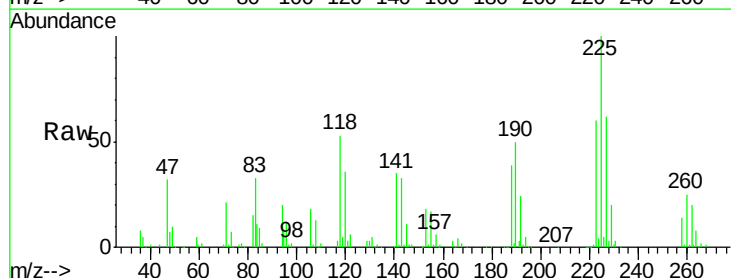
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

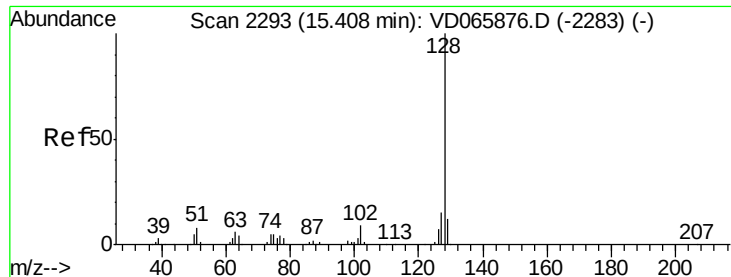
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.7	143.1
145	32.3	16.0	48.0



#94
Hexachlorobutadiene
Concen: 139.876 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.3	93.8
227	62.9	30.1	90.3

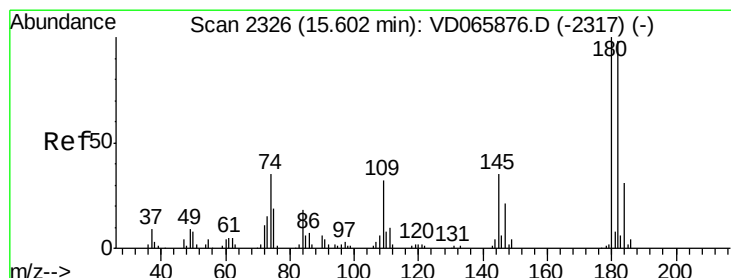
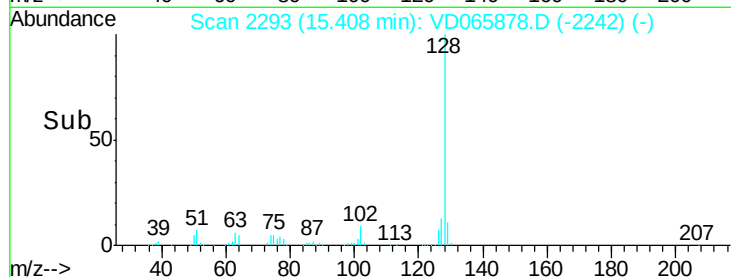
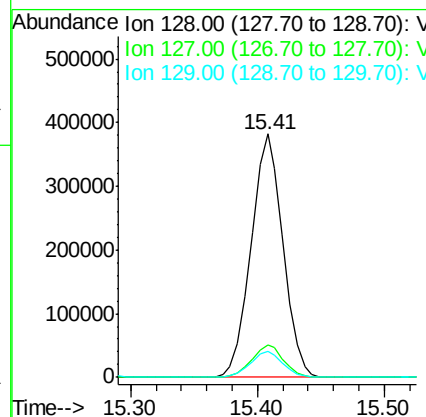
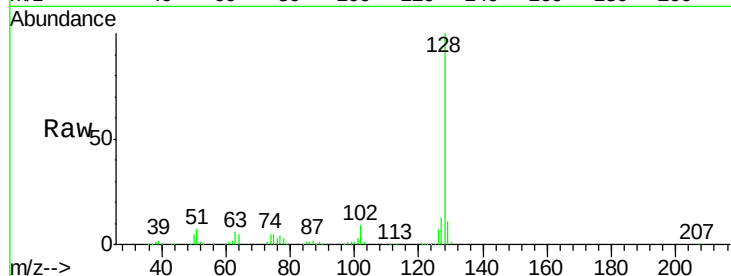




#95
Naphthalene
Concen: 152.159 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 667060
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 143.112 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065878.D
Acq: 26 Jun 2020 12:59

Tgt Ion:180 Resp: 297735
Ion Ratio Lower Upper
180 100
182 94.2 48.9 146.6
145 34.2 16.6 49.7

