

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090220\
 Data File : VD066518.D
 Acq On : 02 Sep 2020 12:43
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 02 14:07:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 14:03:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	165803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	225592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	206186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	97578	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	7.91	113	73593	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
50) Toluene-d8	10.34	98	282905	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
62) 4-Bromofluorobenzene	12.63	95	93292	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	65555	46.346	ug/l	100
3) Chloromethane	2.20	50	40973	48.185	ug/l	100
4) Vinyl Chloride	2.35	62	51633	49.792	ug/l	100
5) Bromomethane	2.77	94	41588	49.071	ug/l	100
6) Chloroethane	2.92	64	34534	49.501	ug/l	100
7) Trichlorofluoromethane	3.27	101	157189	49.729	ug/l	100
8) Diethyl Ether	3.71	74	27657	46.684	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	63162	47.982	ug/l	100
10) Methyl Iodide	4.30	142	77555	53.133	ug/l	100
11) Tert butyl alcohol	5.21	59	24455	188.254	ug/l	100
12) 1,1-Dichloroethene	4.06	96	62501	50.524	ug/l	100
13) Acrolein	3.92	56	14438	249.283	ug/l	100
14) Allyl chloride	4.71	41	70549	51.020	ug/l	100
15) Acrylonitrile	5.42	53	52153	245.482	ug/l	100
16) Acetone	4.15	43	66495	252.154	ug/l	100
17) Carbon Disulfide	4.41	76	178013	49.796	ug/l	100
18) Methyl Acetate	4.71	43	20628	48.669	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	163936	50.789	ug/l	100
20) Methylene Chloride	4.96	84	67296	43.727	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	70413	49.763	ug/l	100
22) Diisopropyl ether	6.36	45	142293	51.344	ug/l	100
23) Vinyl Acetate	6.30	43	458183	257.158	ug/l	100
24) 1,1-Dichloroethane	6.26	63	108108	49.668	ug/l	100
25) 2-Butanone	7.21	43	66378	243.192	ug/l	100
26) 2,2-Dichloropropane	7.21	77	138092	50.070	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	77011	50.188	ug/l	100
28) Bromochloromethane	7.54	49	33824	53.713	ug/l	100
29) Tetrahydrofuran	7.56	42	35816	255.261	ug/l	100
30) Chloroform	7.71	83	144299	51.342	ug/l	100
31) Cyclohexane	7.98	56	83549	44.427	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	160182	51.174	ug/l	100
36) 1,1-Dichloropropene	8.11	75	101145	51.147	ug/l	100
37) Ethyl Acetate	7.29	43	29444	49.602	ug/l	100
38) Carbon Tetrachloride	8.09	117	157063	52.136	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	116061	50.234	ug/l	100
40) Benzene	8.35	78	262754	51.507	ug/l	100
41) Methacrylonitrile	7.52	41	14142	41.843	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	109279	50.637	ug/l	100
43) Isopropyl Acetate	8.44	43	62616	50.355	ug/l	100
44) Trichloroethene	9.11	130	90773	51.554	ug/l	100
45) 1,2-Dichloropropane	9.38	63	50706	50.097	ug/l	100
46) Dibromomethane	9.47	93	37433	50.516	ug/l	100
47) Bromodichloromethane	9.66	83	112286	50.984	ug/l	100
48) Methyl methacrylate	9.46	41	32309	50.985	ug/l	100
49) 1,4-Dioxane	9.46	88	8736	1008.103	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	147770	258.437	ug/l	100
52) Toluene	10.40	92	187449	51.660	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	106523	52.940	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	109011	51.425	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	47771	51.019	ug/l	100
56) Ethyl methacrylate	10.66	69	56254	51.049	ug/l	100
57) 1,3-Dichloropropane	10.94	76	79975	51.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	103570	240.773	ug/l	100
59) 2-Hexanone	10.98	43	104313	252.601	ug/l	100
60) Dibromochloromethane	11.14	129	79118	51.099	ug/l	100
61) 1,2-Dibromoethane	11.24	107	47347	49.607	ug/l	100
64) Tetrachloroethene	10.87	164	80169	49.870	ug/l	100
65) Chlorobenzene	11.67	112	209178	51.566	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	87826	51.171	ug/l	100
67) Ethyl Benzene	11.74	91	371098	51.933	ug/l	100
68) m/p-Xylenes	11.86	106	286362	103.576	ug/l	100
69) o-Xylene	12.18	106	132490	50.590	ug/l	100
70) Styrene	12.20	104	229340	51.150	ug/l	100
71) Bromoform	12.36	173	49404	52.479	ug/l #	100
73) Isopropylbenzene	12.48	105	383337	51.512	ug/l	100
74) N-amyl acetate	12.29	43	56579	50.423	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	42490	48.319	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	71510	101.661	ug/l #	12
77) Bromobenzene	12.76	156	94222	49.894	ug/l	100
78) n-propylbenzene	12.82	91	413611	51.005	ug/l	100
79) 2-Chlorotoluene	12.91	91	238252	50.778	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	328223	50.731	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	15832	50.324	ug/l	100
82) 4-Chlorotoluene	13.01	91	253564	50.313	ug/l	100
83) tert-Butylbenzene	13.23	119	288433	50.827	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	333095	51.476	ug/l	100
85) sec-Butylbenzene	13.40	105	361210	50.244	ug/l	100
86) p-Isopropyltoluene	13.52	119	362403	50.435	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	172201	49.166	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	178652	50.421	ug/l	100
89) n-Butylbenzene	13.84	91	306243	50.882	ug/l	100
90) Hexachloroethane	14.11	117	62791	48.695	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	153449	50.370	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11475	49.342	ug/l	100

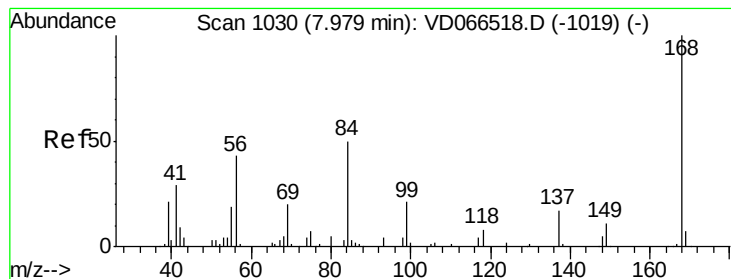
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	123802	51.487	ug/l	100
94) Hexachlorobutadiene	15.27	225	79957	51.296	ug/l	100
95) Naphthalene	15.41	128	189608	50.728	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	104862	50.470	ug/l	100

(#) = 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: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

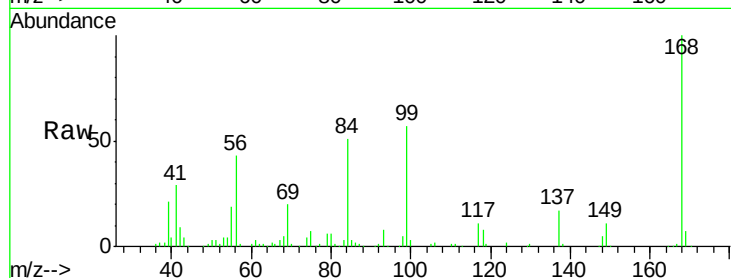
VSTDICCC050

Tgt Ion:168 Resp: 165803

Ion Ratio Lower Upper

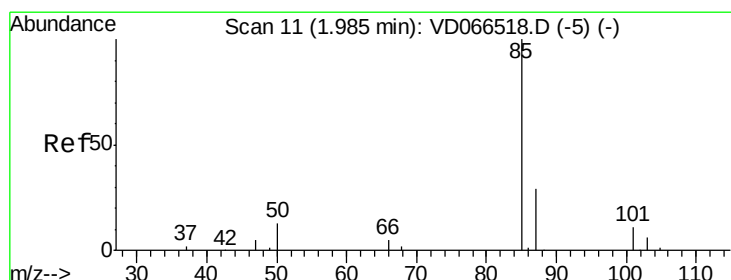
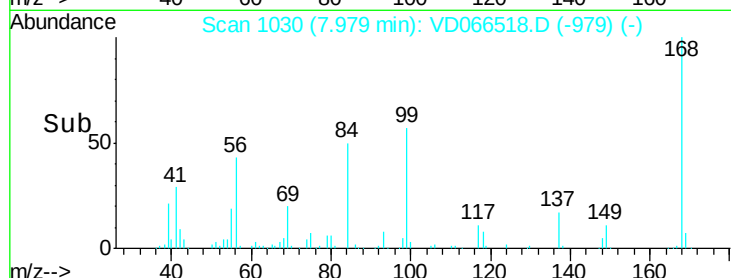
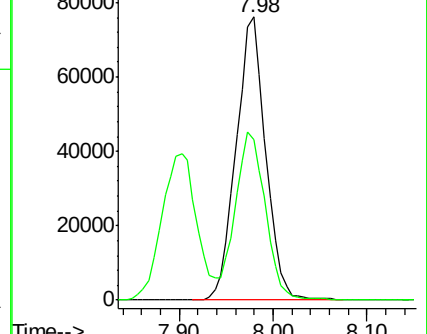
168 100

99 56.4 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 46.346 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066518.D

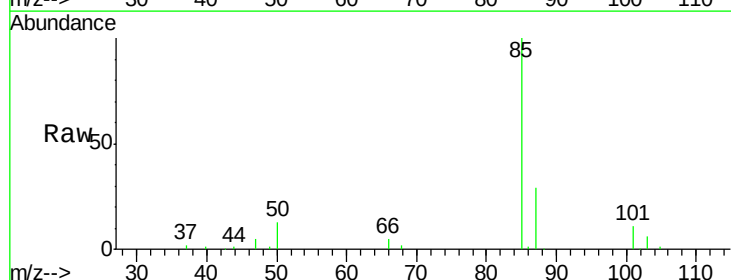
Acq: 02 Sep 2020 12:43

Tgt Ion: 85 Resp: 65555

Ion Ratio Lower Upper

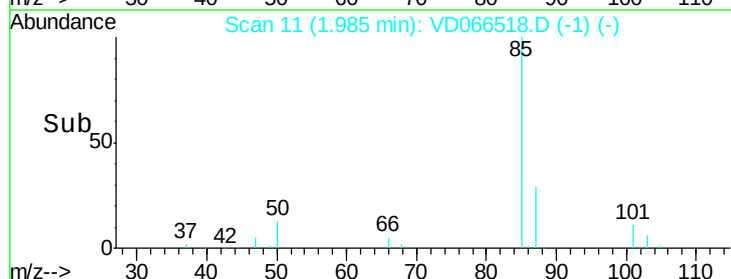
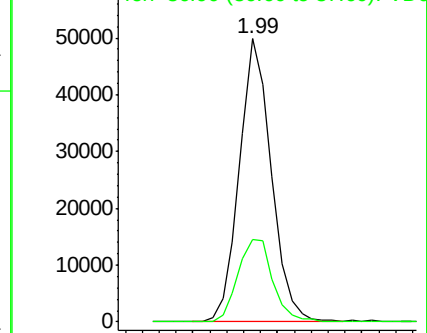
85 100

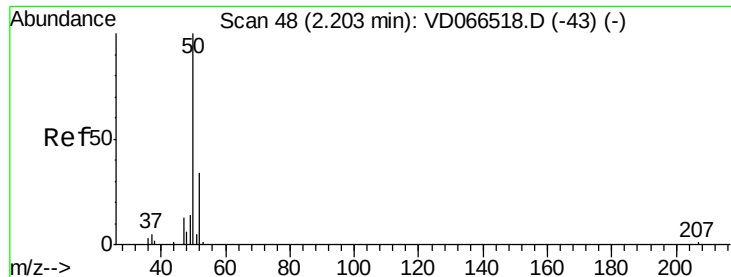
87 29.3 14.6 44.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.185 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

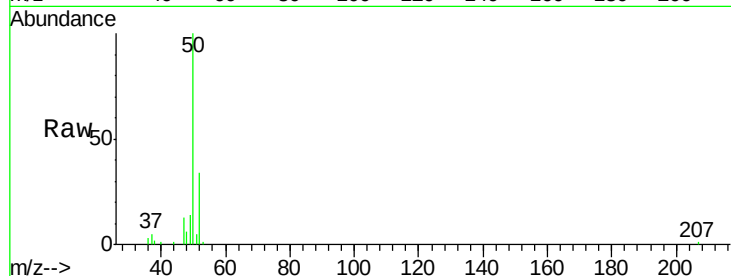
VSTDICCC050

Tgt Ion: 50 Resp: 40973

Ion Ratio Lower Upper

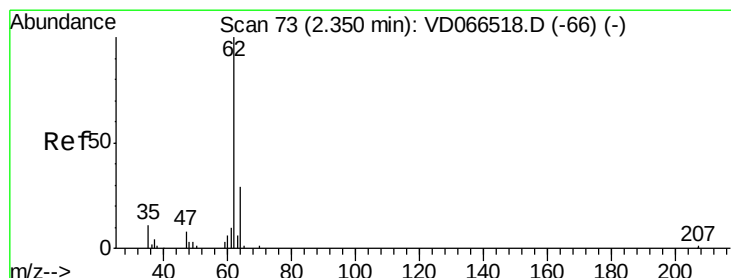
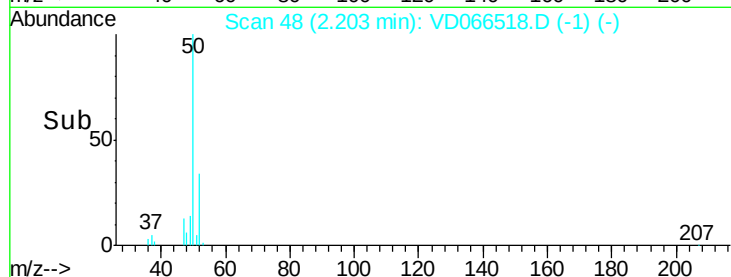
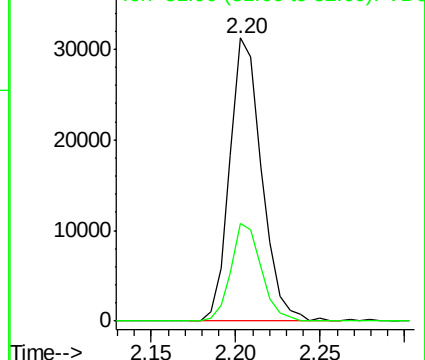
50 100

52 34.5 27.6 41.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 49.792 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066518.D

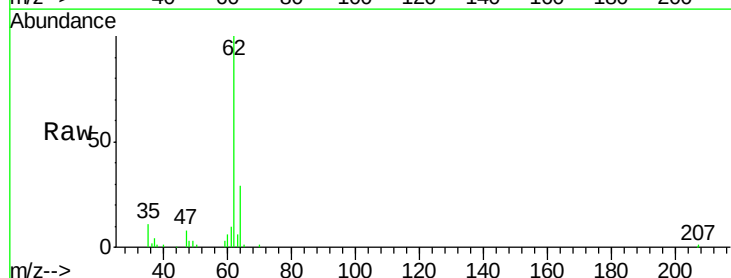
Acq: 02 Sep 2020 12:43

Tgt Ion: 62 Resp: 51633

Ion Ratio Lower Upper

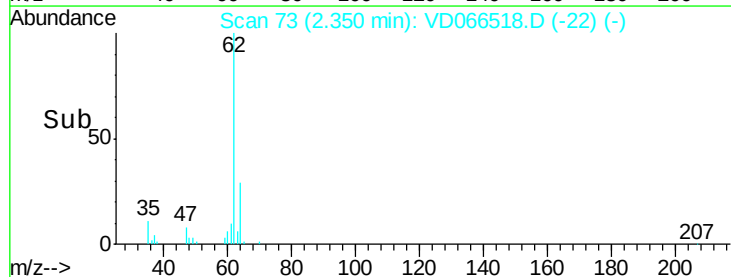
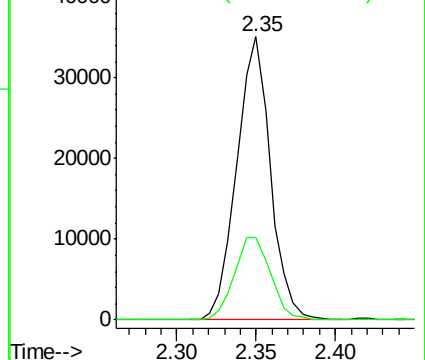
62 100

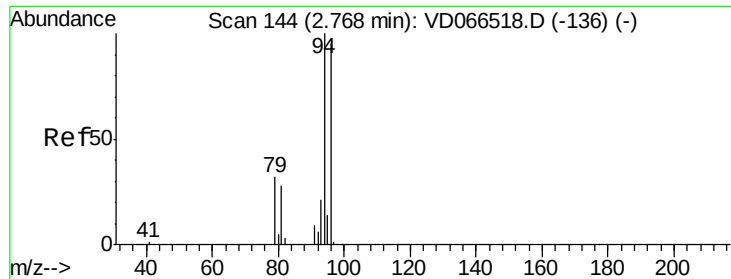
64 29.3 23.4 35.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.071 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

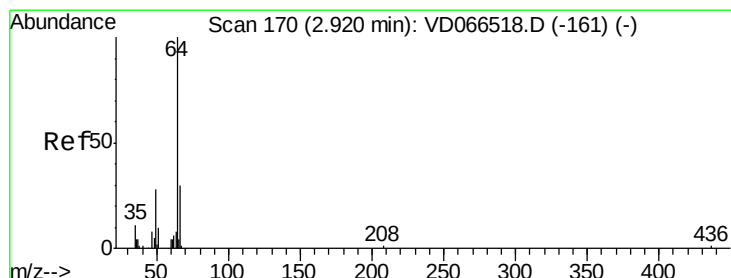
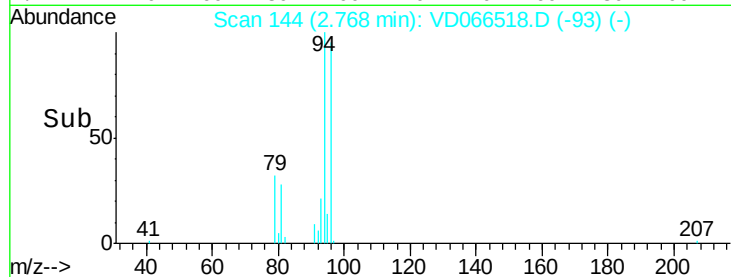
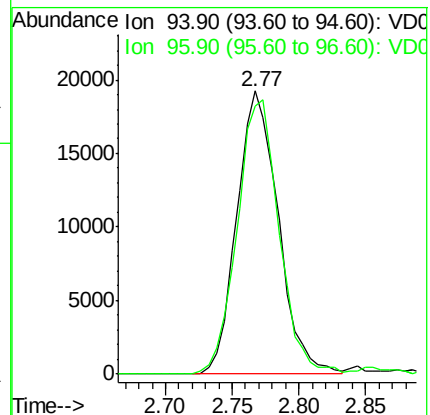
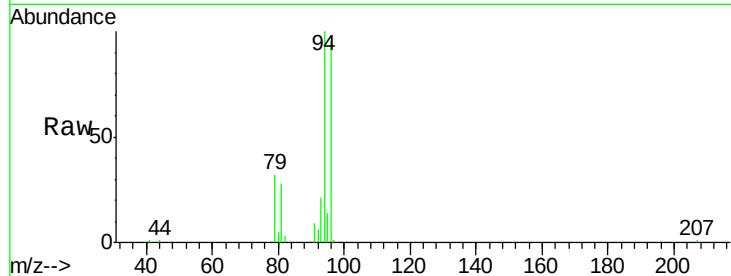
VSTDICCC050

Tgt Ion: 94 Resp: 41588

Ion Ratio Lower Upper

94 100

96 94.8 75.8 113.8



#6

Chloroethane

Concen: 49.501 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066518.D

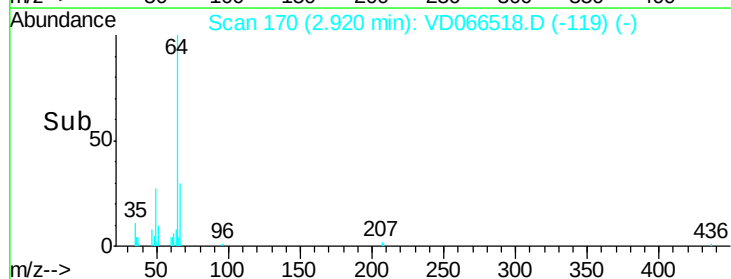
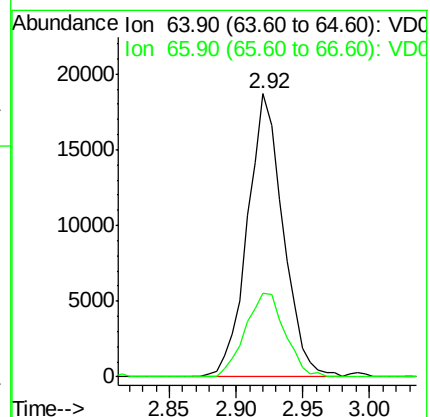
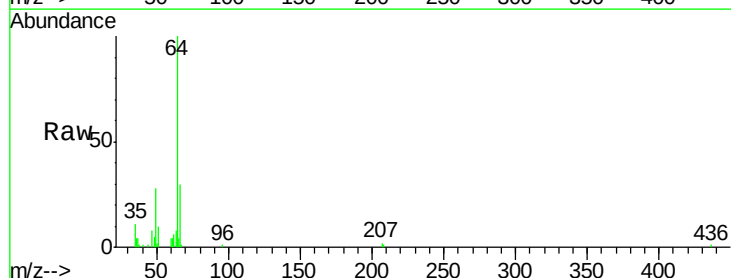
Acq: 02 Sep 2020 12:43

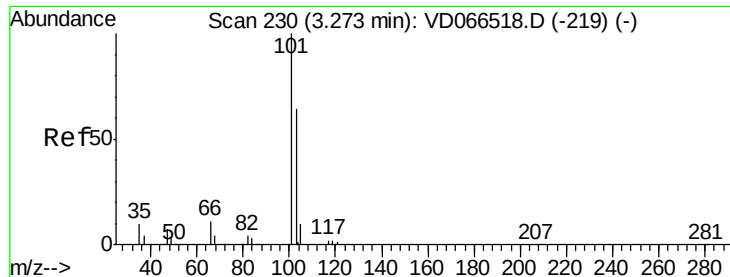
Tgt Ion: 64 Resp: 34534

Ion Ratio Lower Upper

64 100

66 29.6 23.7 35.5



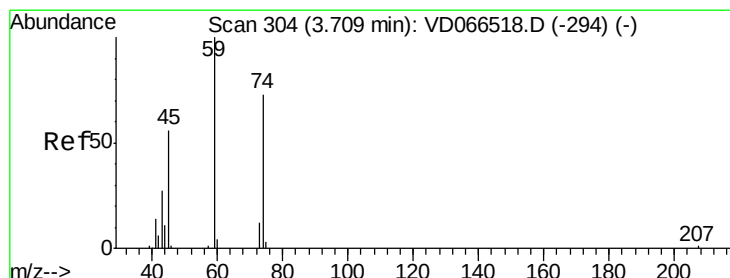
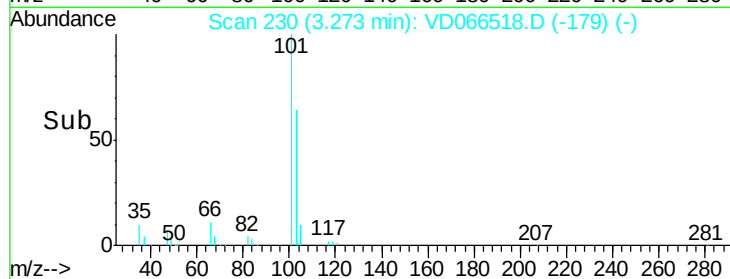
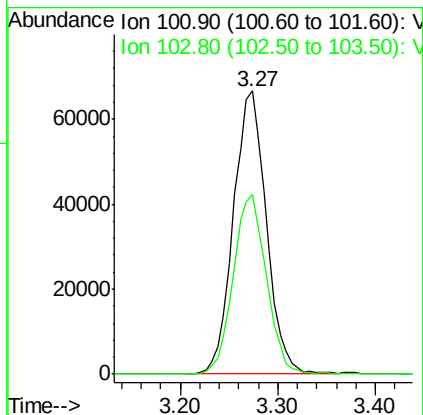
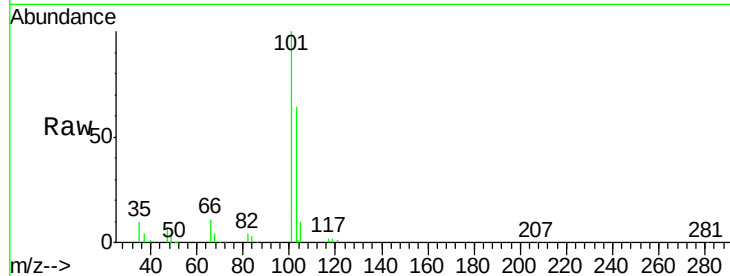


#7

Trichlorofluoromethane
 Concen: 49.729 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

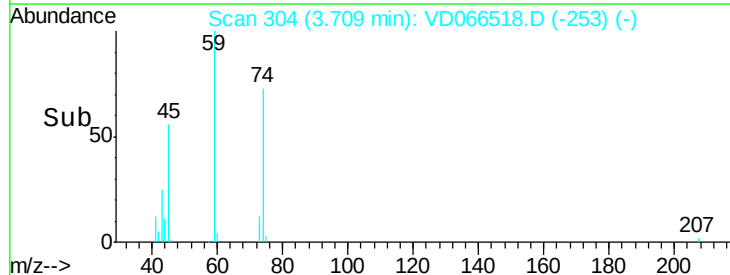
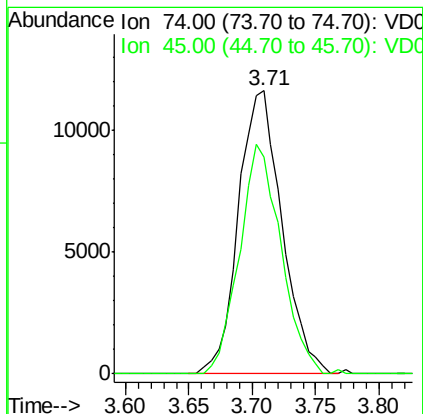
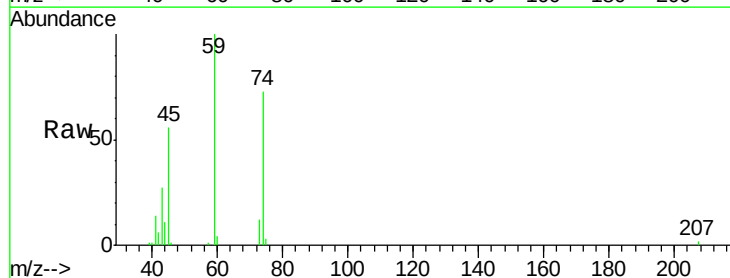
Tgt Ion: 101 Resp: 157189
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.9 76.3

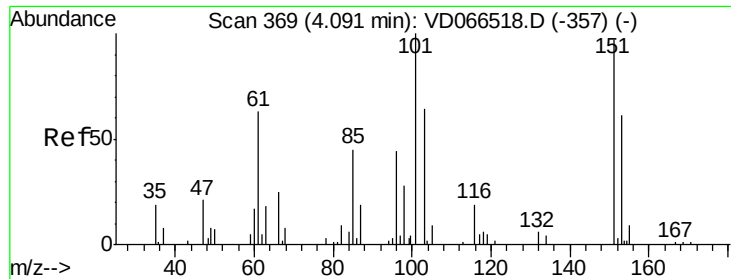


#8

Diethyl Ether
 Concen: 46.684 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion: 74 Resp: 27657
 Ion Ratio Lower Upper
 74 100
 45 77.2 38.6 115.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.982 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

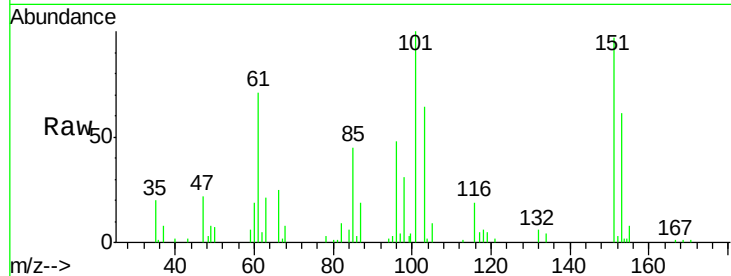
Tgt Ion:101 Resp: 63162

Ion Ratio Lower Upper

101 100

85 49.2 39.4 59.0

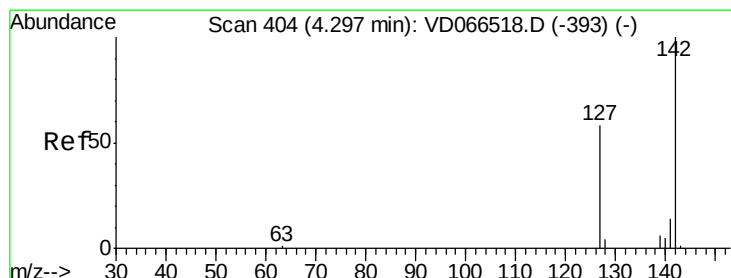
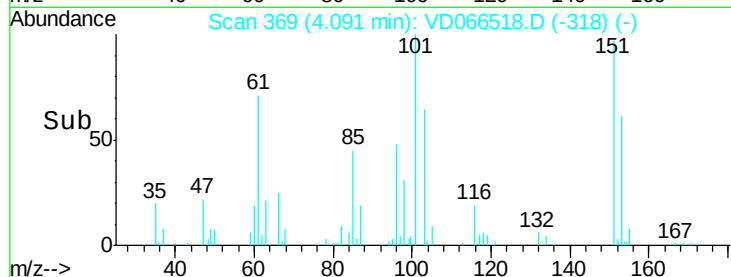
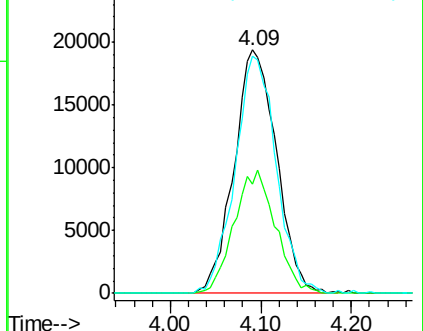
151 94.4 75.5 113.3



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: 53.133 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

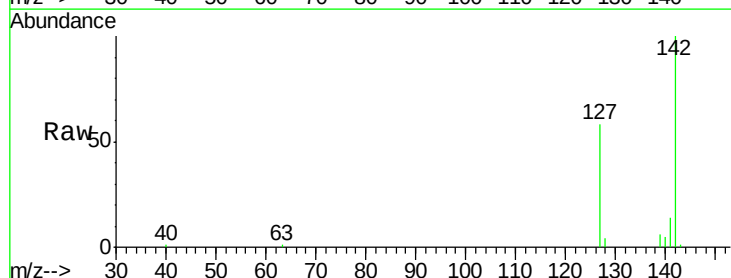
Tgt Ion:142 Resp: 77555

Ion Ratio Lower Upper

142 100

127 57.9 46.3 69.5

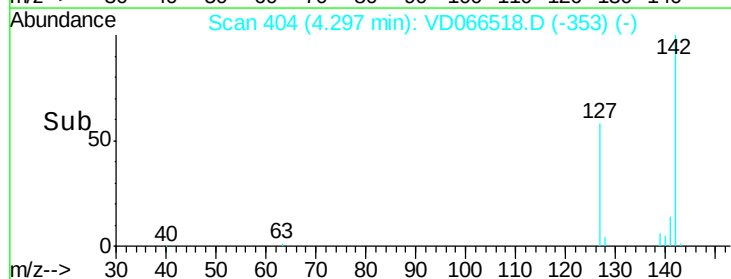
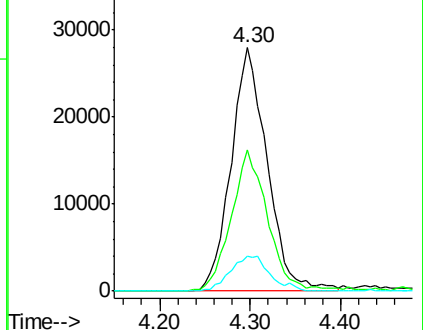
141 15.5 12.4 18.6

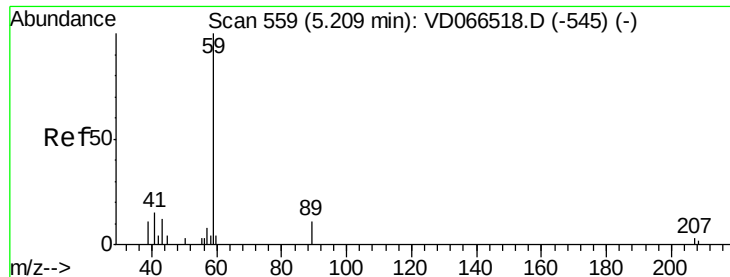


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

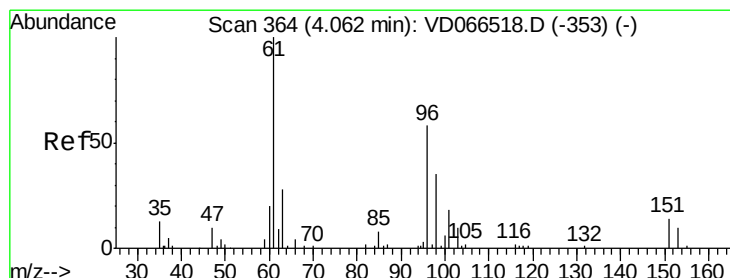
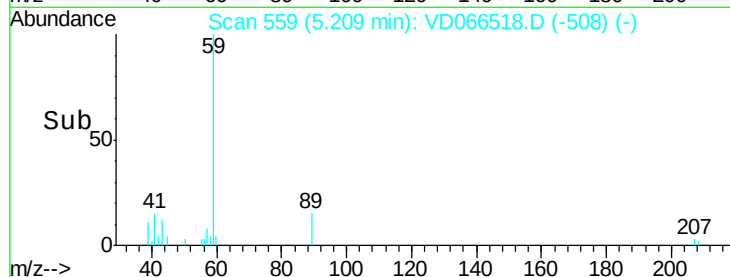
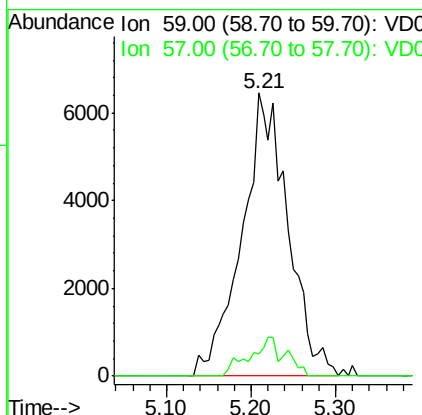
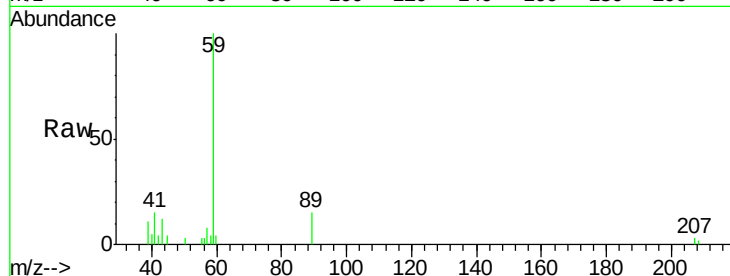




#11
Tert butyl alcohol
Concen: 188.254 ug/l
RT: 5.21 min Scan# 559
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

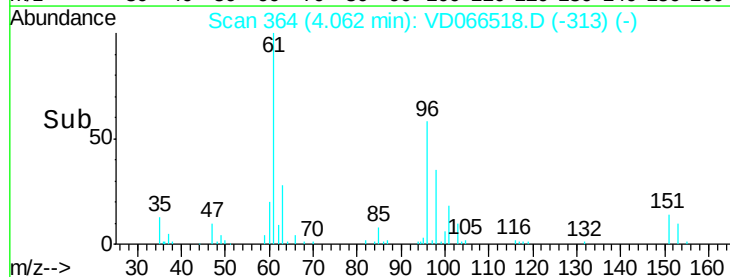
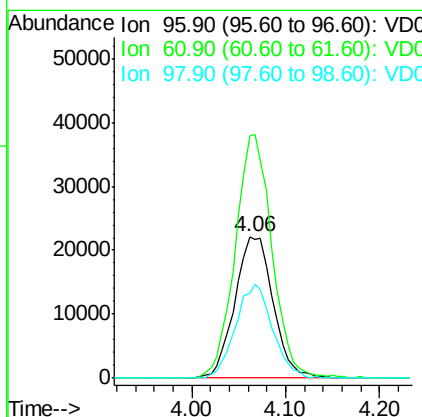
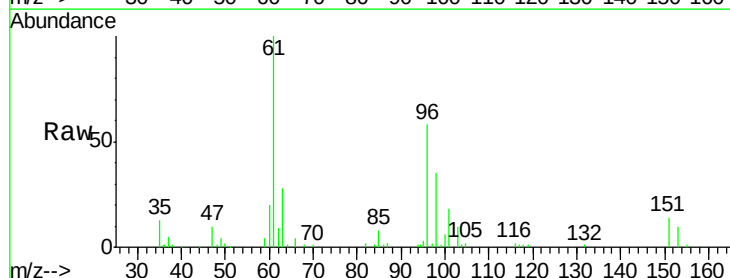
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

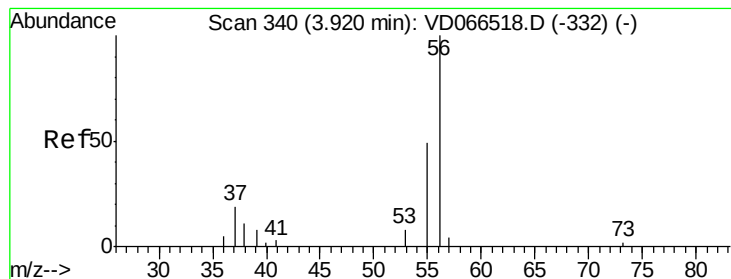
Tgt Ion: 59 Resp: 24455
Ion Ratio Lower Upper
59 100
57 8.5 6.8 10.2



#12
1,1-Dichloroethene
Concen: 50.524 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 96 Resp: 62501
Ion Ratio Lower Upper
96 100
61 171.9 137.5 206.3
98 59.7 47.8 71.6





#13

Acrolein

Concen: 249.283 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

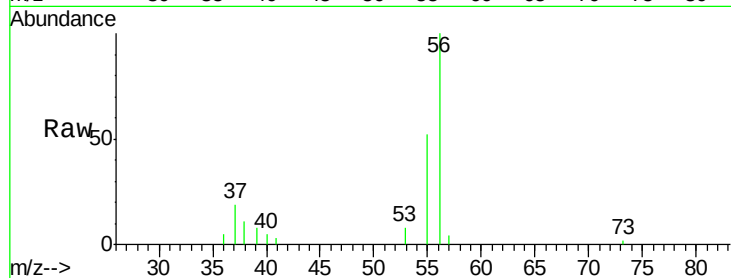
VSTDICCC050

Tgt Ion: 56 Resp: 14438

Ion Ratio Lower Upper

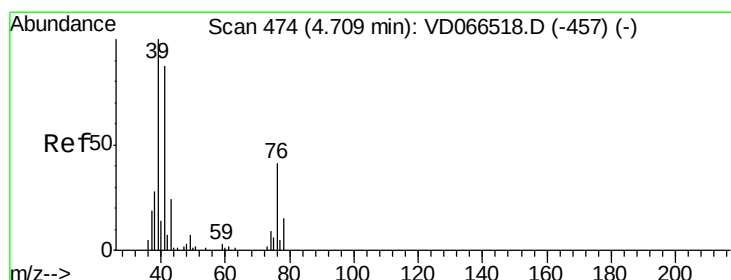
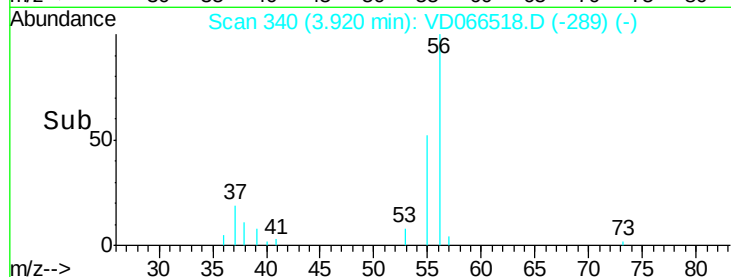
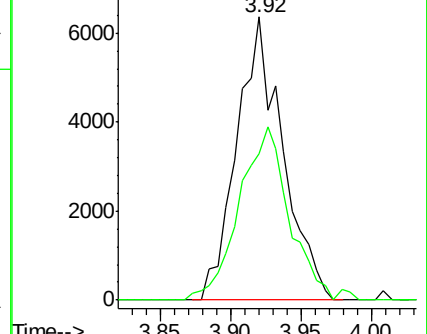
56 100

55 66.2 53.0 79.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 51.020 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

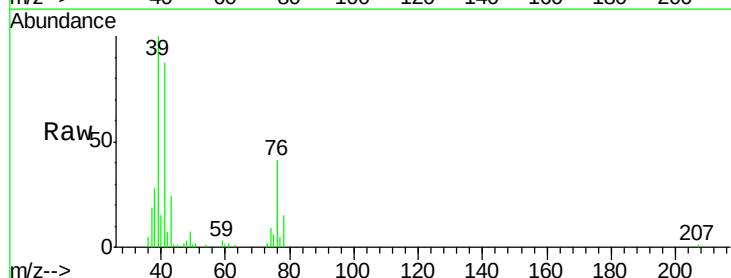
Tgt Ion: 41 Resp: 70549

Ion Ratio Lower Upper

41 100

39 117.3 93.8 140.8

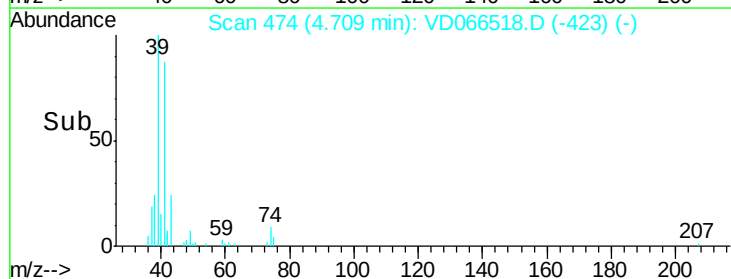
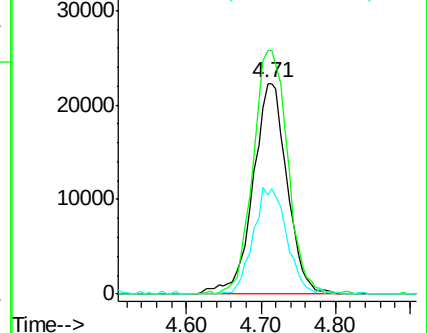
76 49.2 39.4 59.0

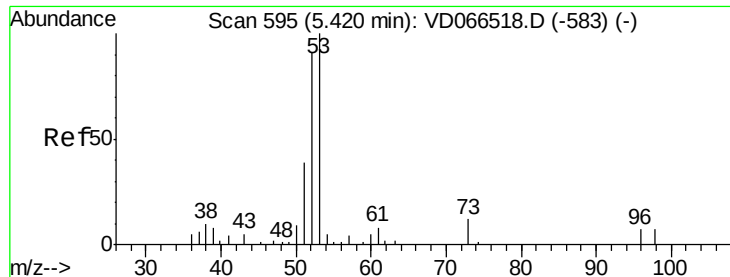


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 245.482 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

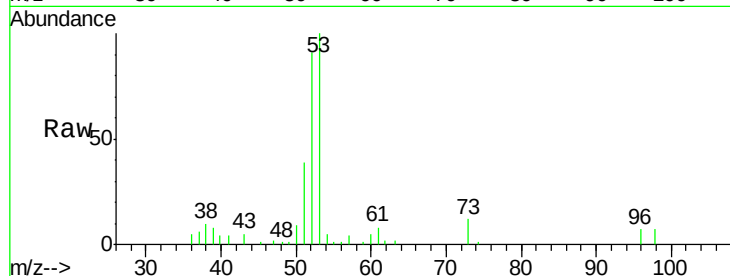
Tgt Ion: 53 Resp: 52153

Ion Ratio Lower Upper

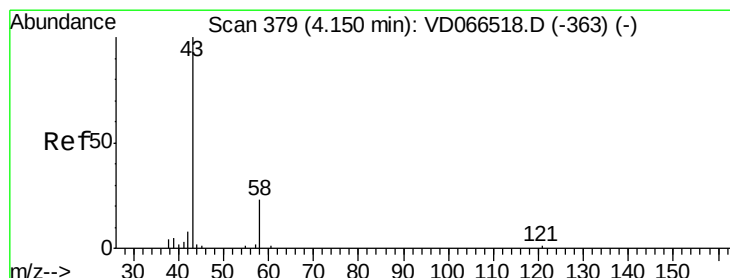
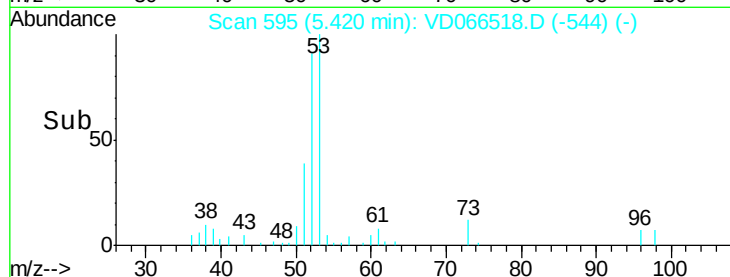
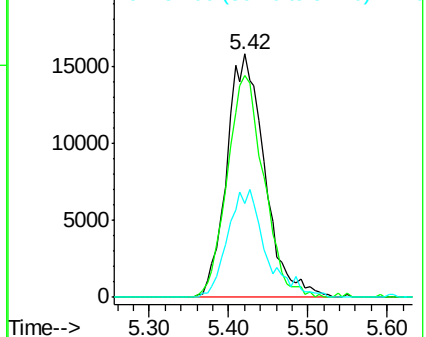
53 100

52 88.7 71.0 106.4

51 44.7 35.8 53.6



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 252.154 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066518.D

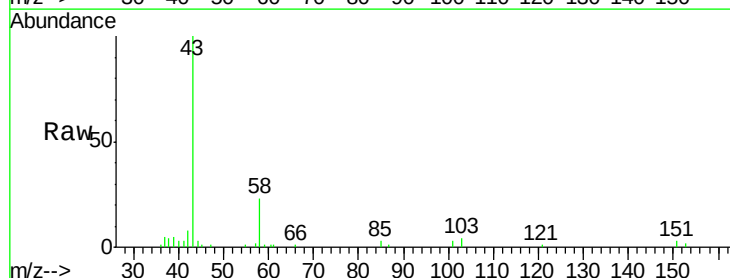
Acq: 02 Sep 2020 12:43

Tgt Ion: 43 Resp: 66495

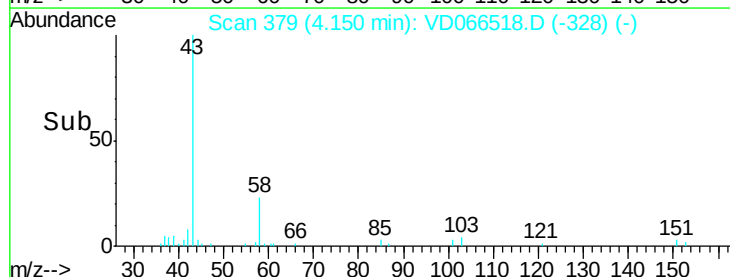
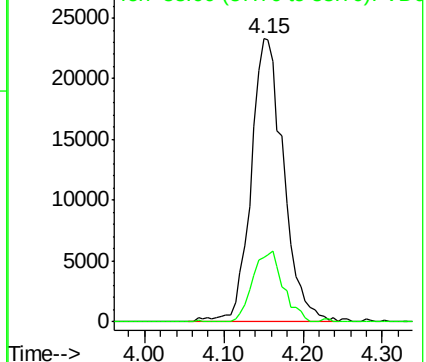
Ion Ratio Lower Upper

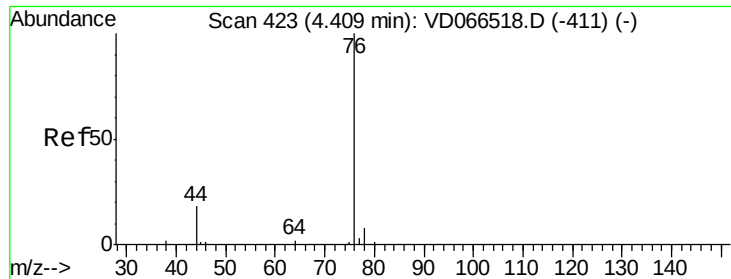
43 100

58 22.6 18.1 27.1



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





#17

Carbon Disulfide

Concen: 49.796 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

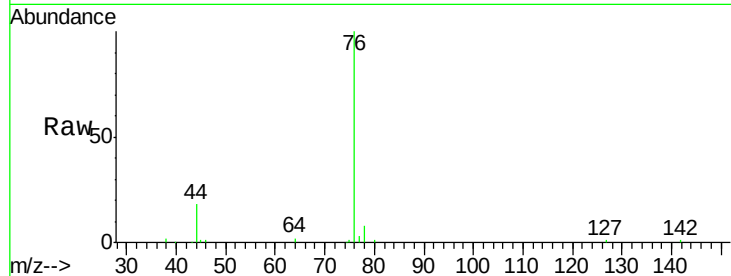
VSTDICCC050

Tgt Ion: 76 Resp: 178013

Ion Ratio Lower Upper

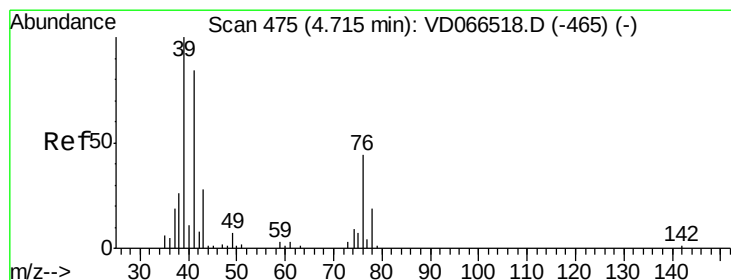
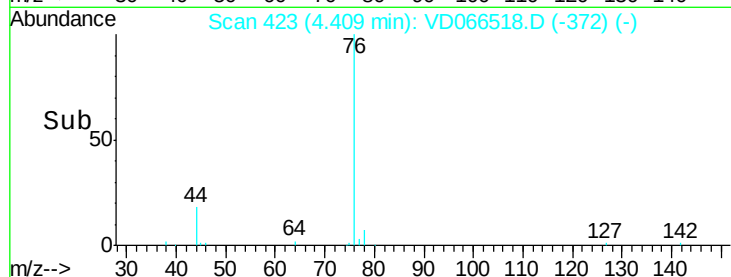
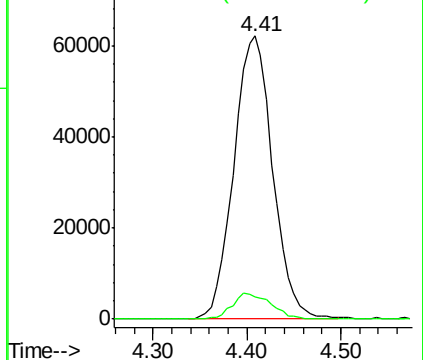
76 100

78 7.8 6.2 9.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 48.669 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066518.D

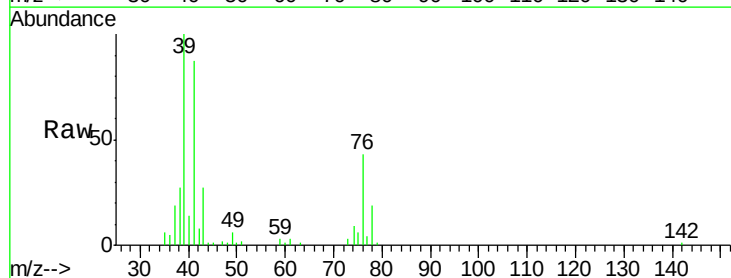
Acq: 02 Sep 2020 12:43

Tgt Ion: 43 Resp: 20628

Ion Ratio Lower Upper

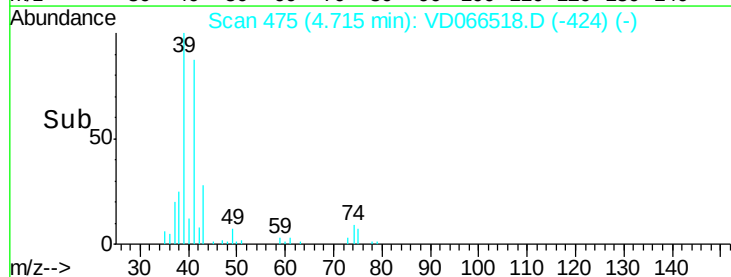
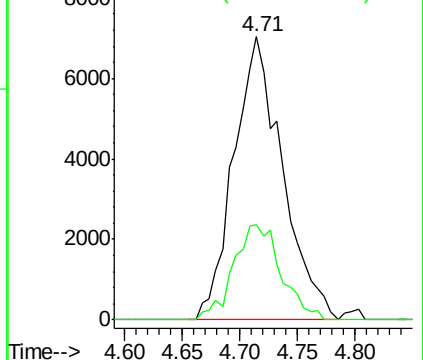
43 100

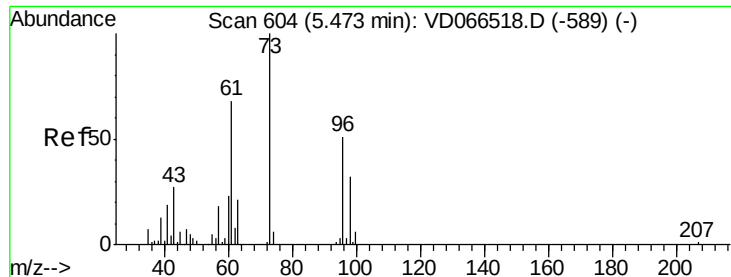
74 32.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

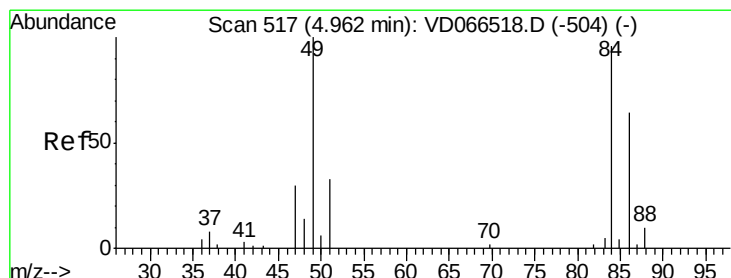
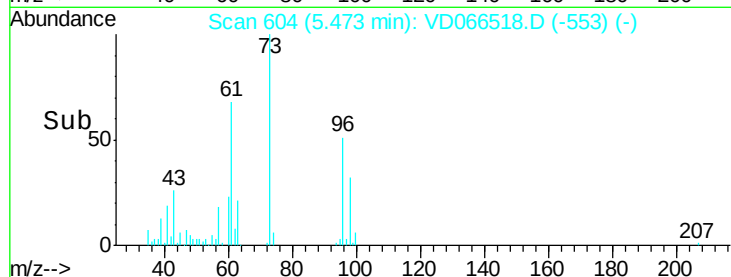
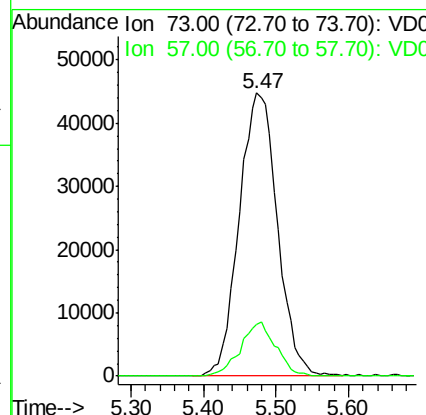
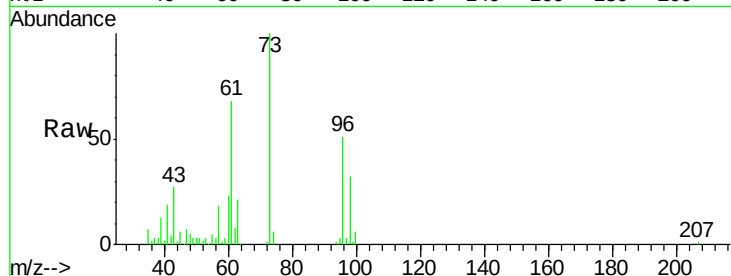




#19
Methyl tert-butyl Ether
Concen: 50.789 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

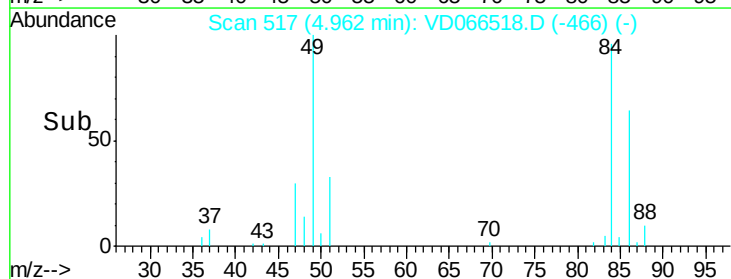
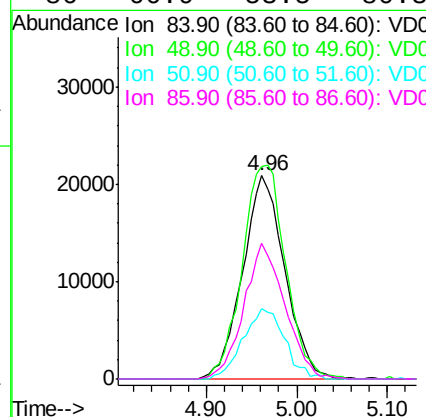
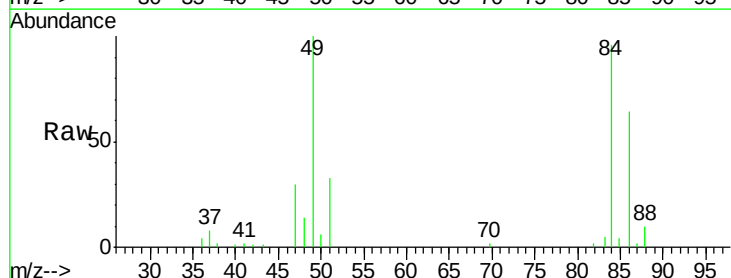
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

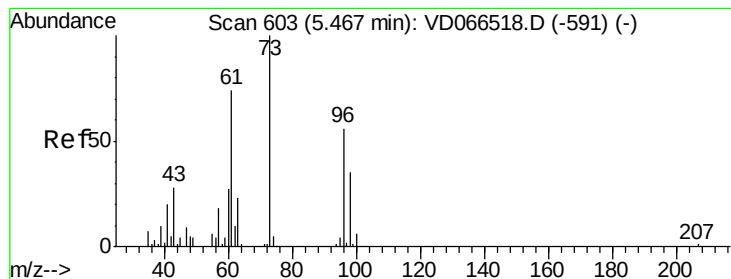
Tgt Ion: 73 Resp: 163936
Ion Ratio Lower Upper
73 100
57 18.3 14.6 22.0



#20
Methylene Chloride
Concen: 43.727 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 84 Resp: 67296
Ion Ratio Lower Upper
84 100
49 104.4 83.5 125.3
51 34.8 27.8 41.8
86 66.9 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 49.763 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

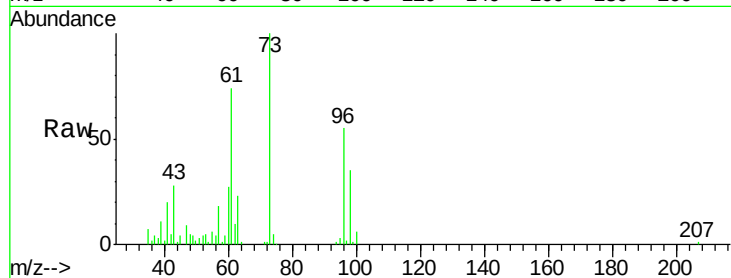
Tgt Ion: 96 Resp: 70413

Ion Ratio Lower Upper

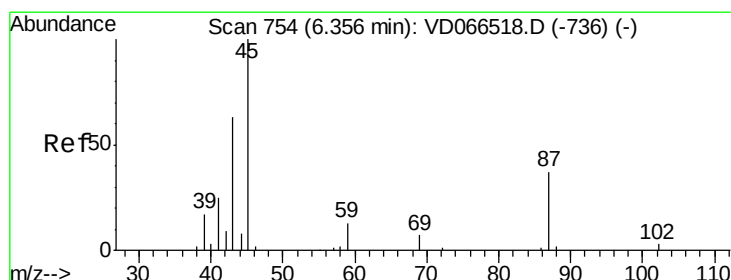
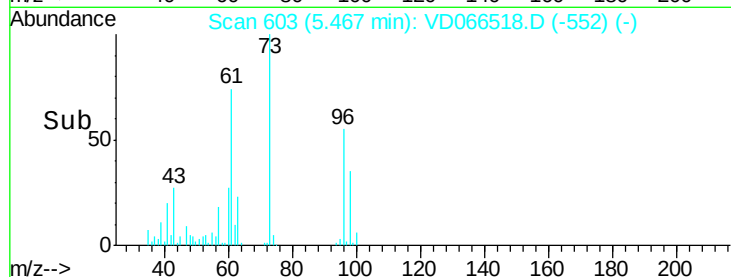
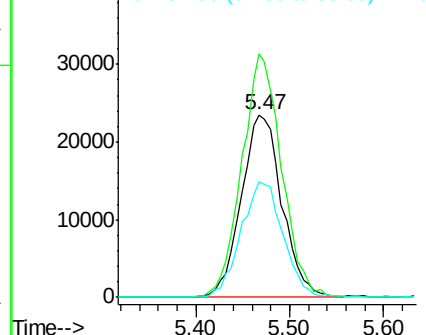
96 100

61 133.3 106.6 160.0

98 63.3 50.6 76.0



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: 51.344 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Tgt Ion: 45 Resp: 142293

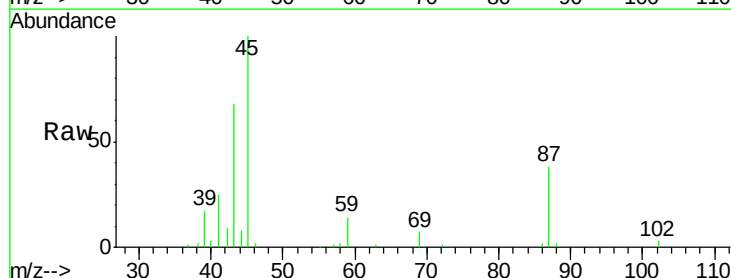
Ion Ratio Lower Upper

45 100

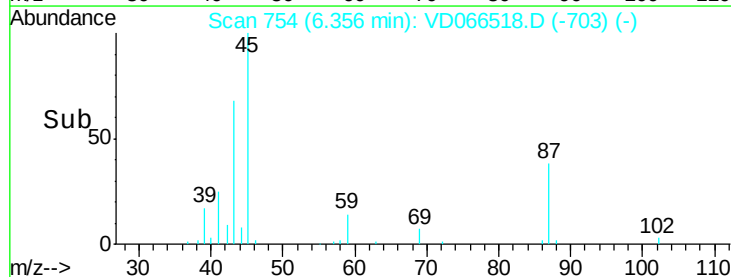
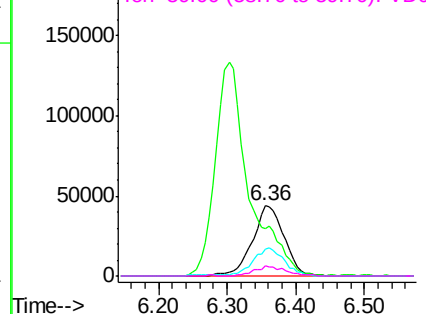
43 66.7 53.4 80.0

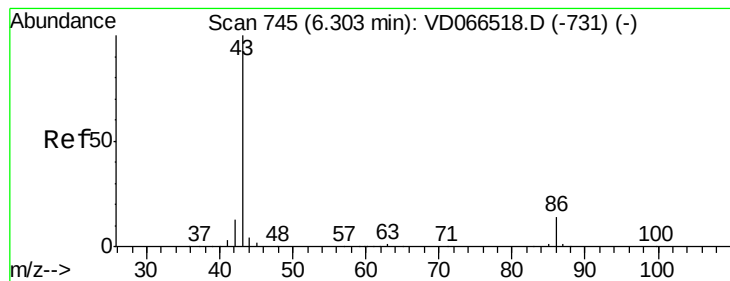
87 37.8 30.2 45.4

59 13.9 11.1 16.7



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: 257.158 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

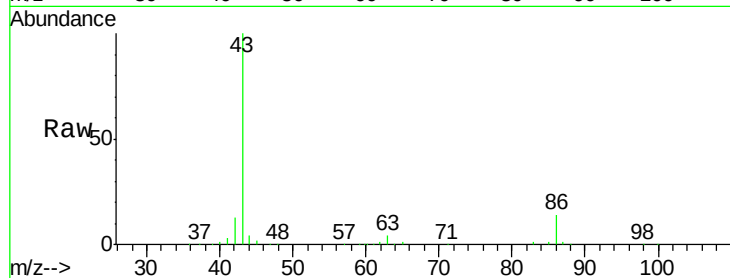
VSTDICCC050

Tgt Ion: 43 Resp: 458183

Ion Ratio Lower Upper

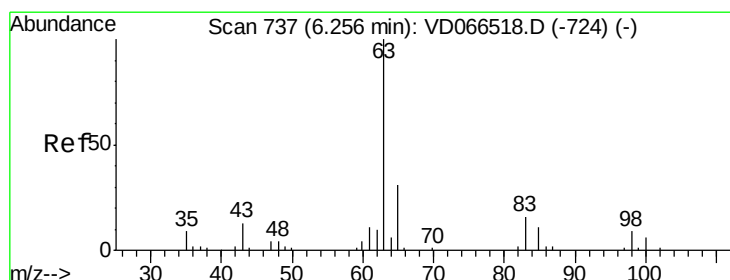
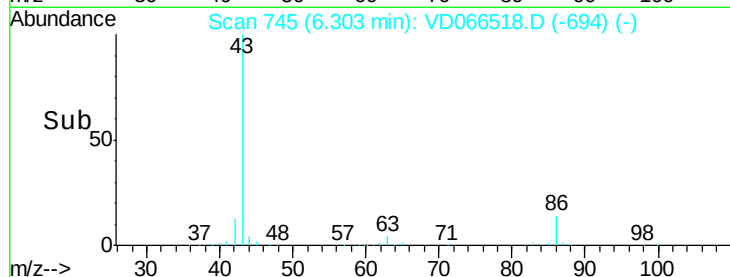
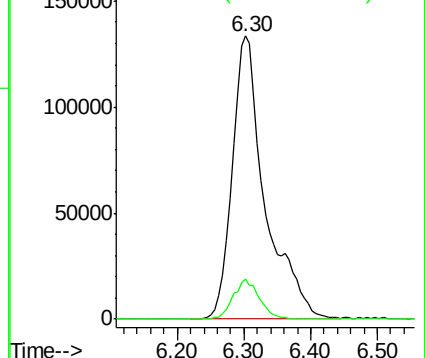
43 100

86 14.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.668 ug/l

RT: 6.26 min Scan# 737

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

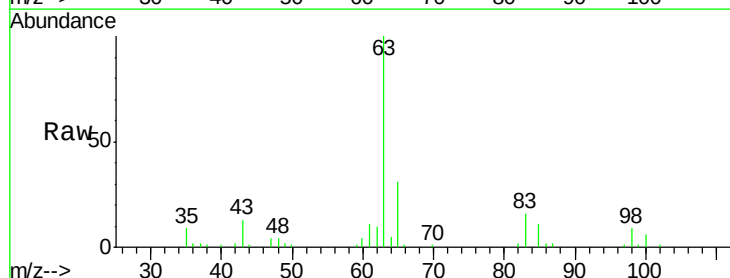
Tgt Ion: 63 Resp: 108108

Ion Ratio Lower Upper

63 100

98 8.7 4.3 13.1

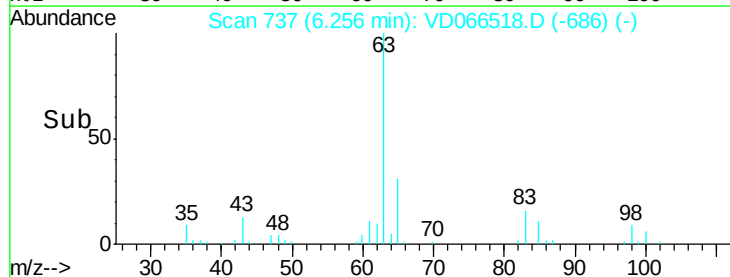
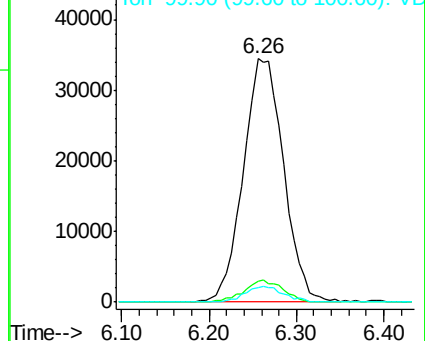
100 5.8 2.9 8.7

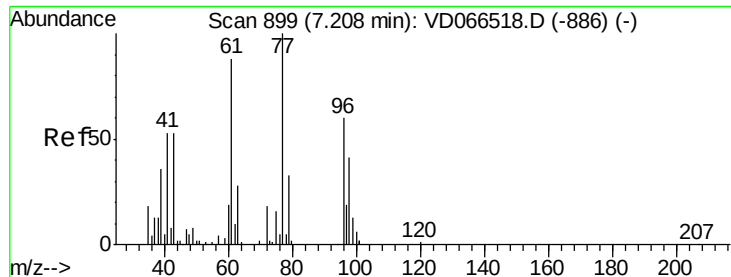


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

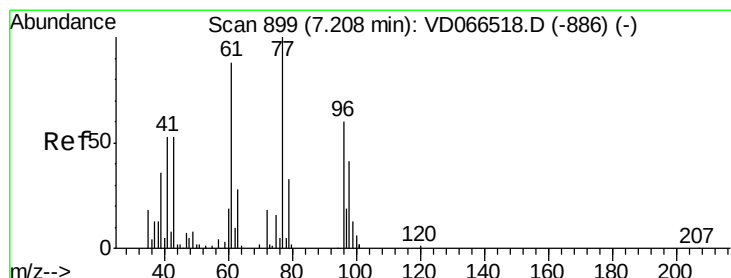
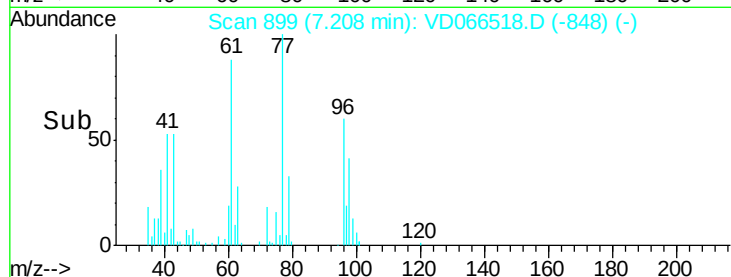
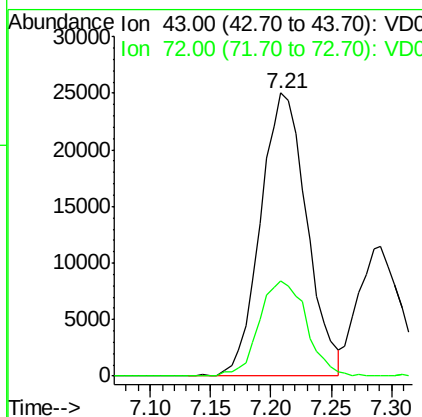
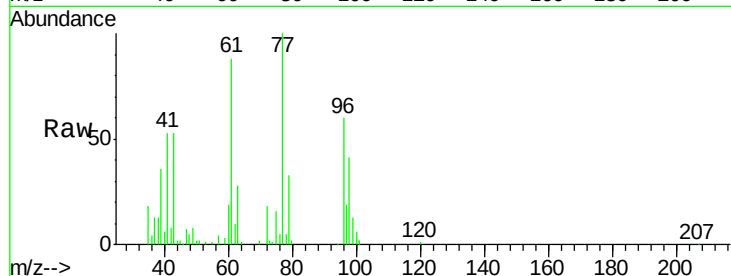




#25
2-Butanone
Concen: 243.192 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

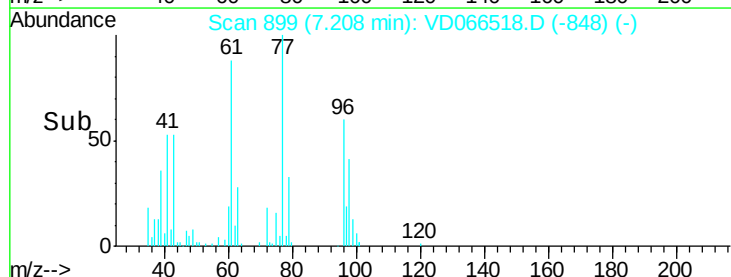
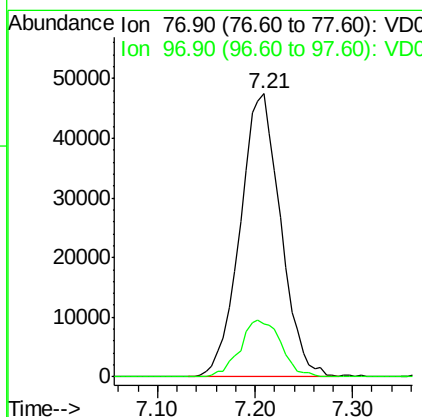
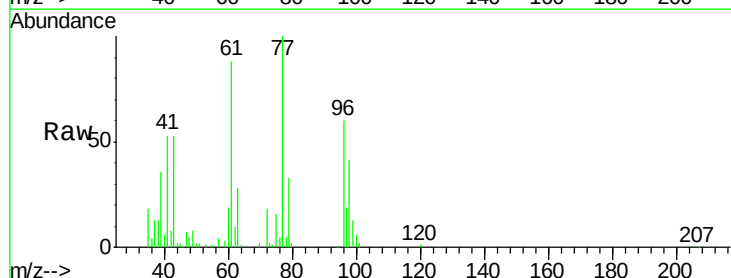
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

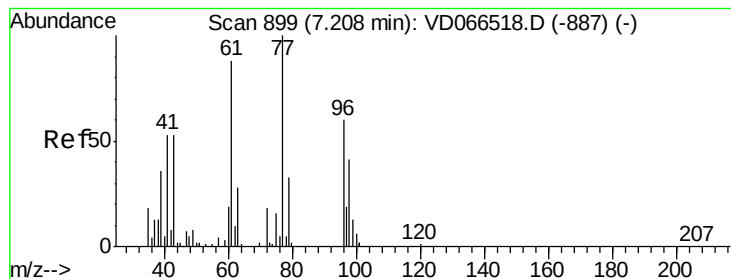
Tgt Ion: 43 Resp: 66378
Ion Ratio Lower Upper
43 100
72 33.5 26.8 40.2



#26
2,2-Dichloropropane
Concen: 50.070 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 77 Resp: 138092
Ion Ratio Lower Upper
77 100
97 20.3 10.2 30.4



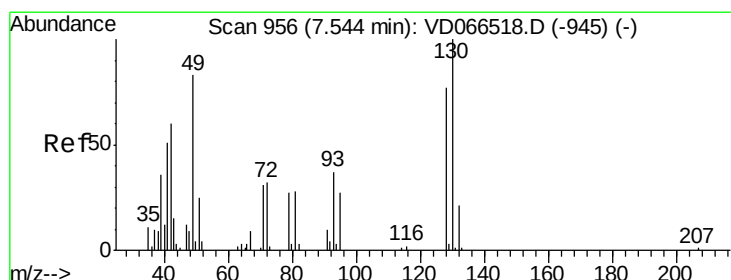
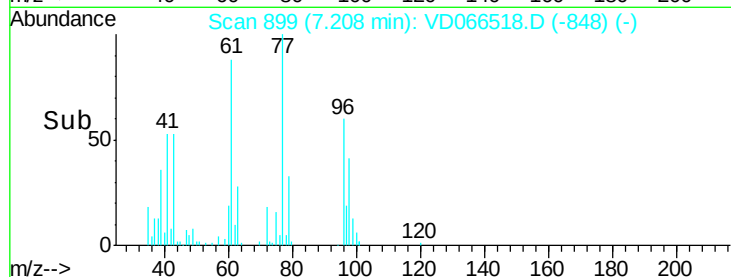
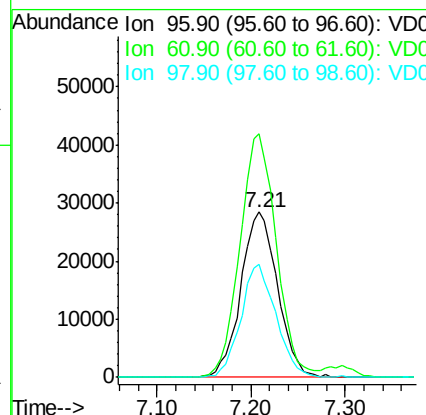
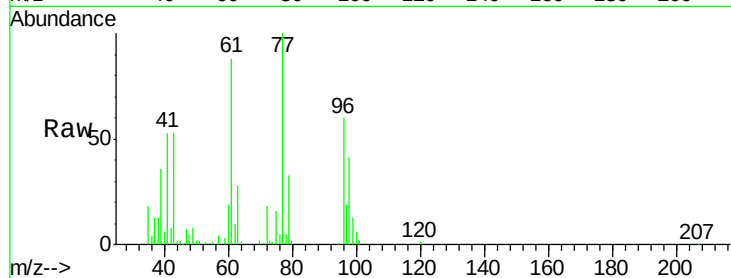


#27

cis-1,2-Dichloroethene
 Concen: 50.188 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

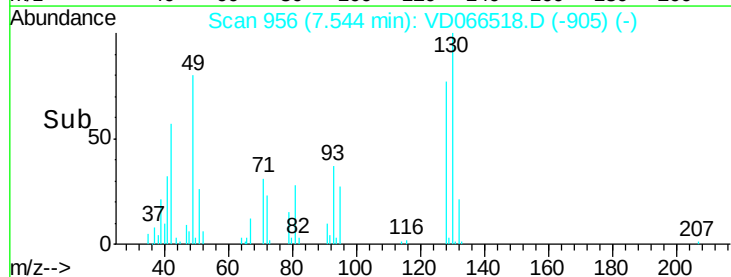
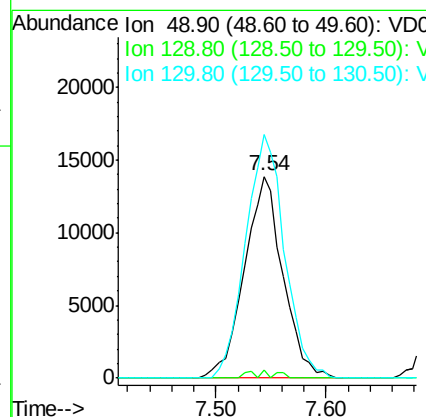
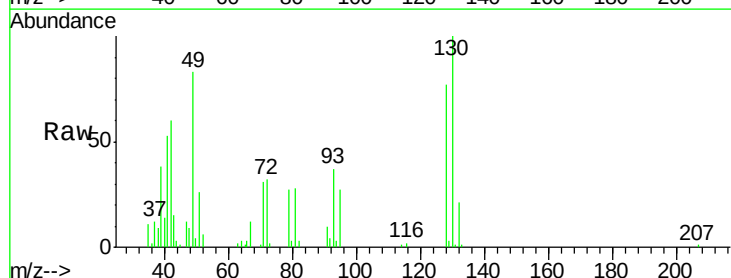
Tgt Ion: 96 Resp: 77011
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 292.8
 98 65.1 0.0 130.2

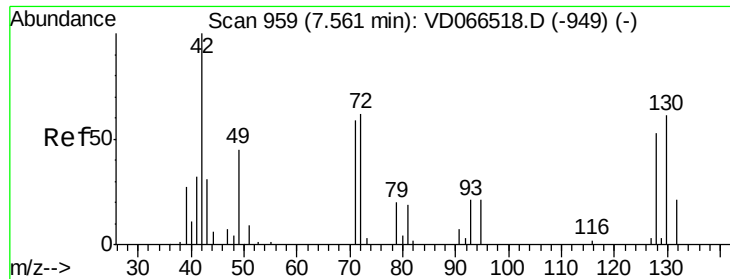


#28

Bromochloromethane
 Concen: 53.713 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion: 49 Resp: 33824
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 1.2
 130 122.5 98.0 147.0

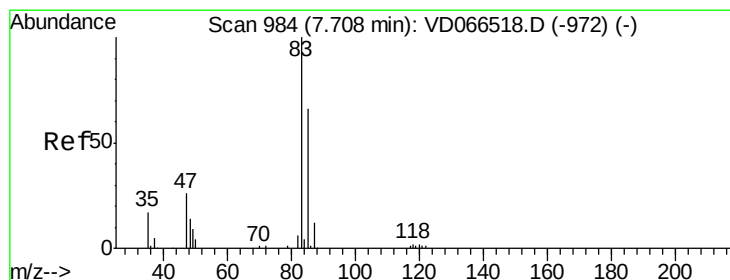
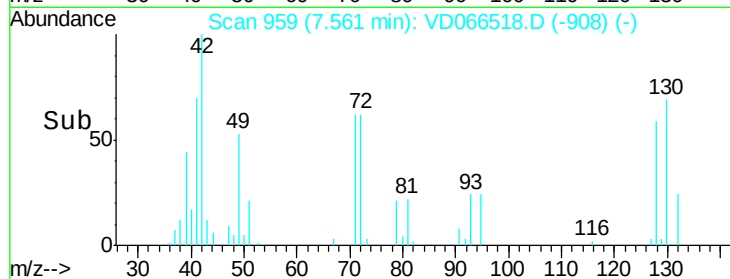
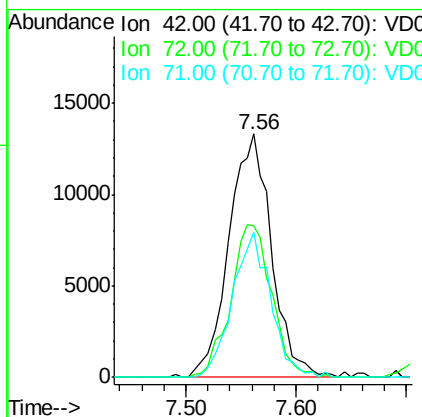
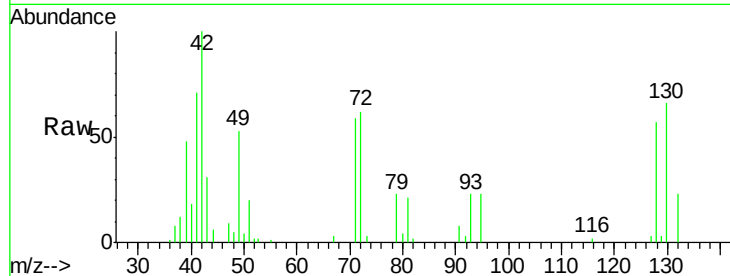




#29
Tetrahydrofuran
Concen: 255.261 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

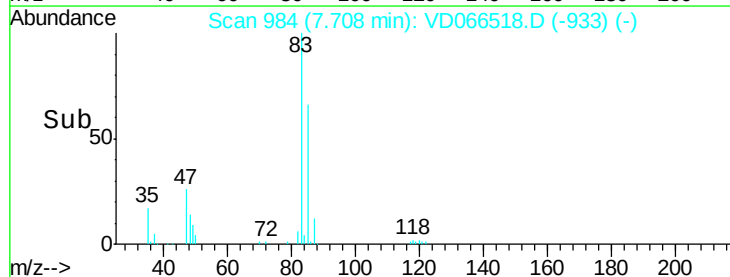
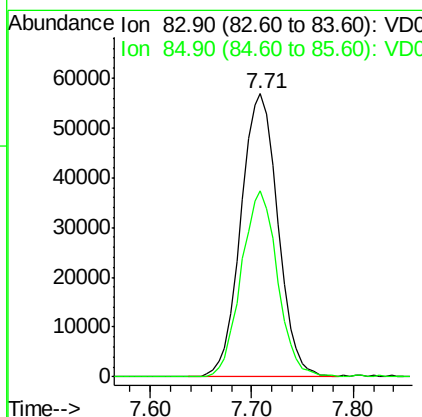
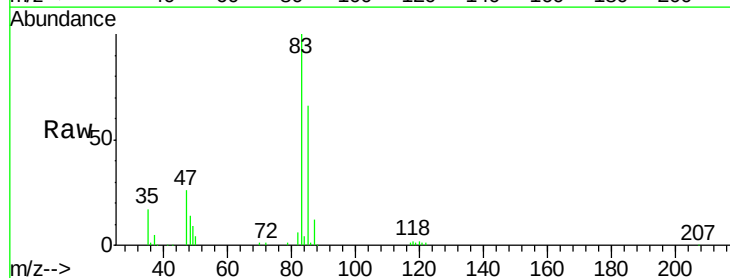
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

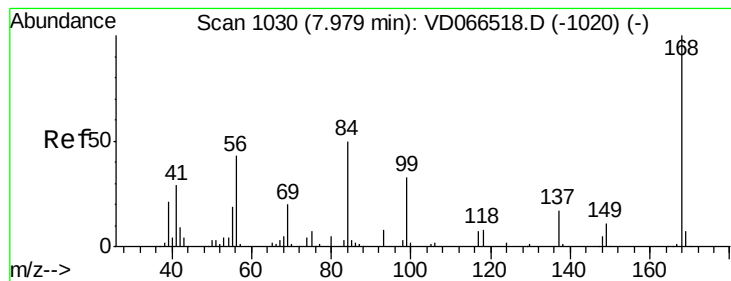
Tgt Ion: 42 Resp: 35816
Ion Ratio Lower Upper
42 100
72 60.7 48.6 72.8
71 54.0 43.2 64.8



#30
Chloroform
Concen: 51.342 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 83 Resp: 144299
Ion Ratio Lower Upper
83 100
85 65.8 52.6 79.0





#31

Cyclohexane

Concen: 44.427 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

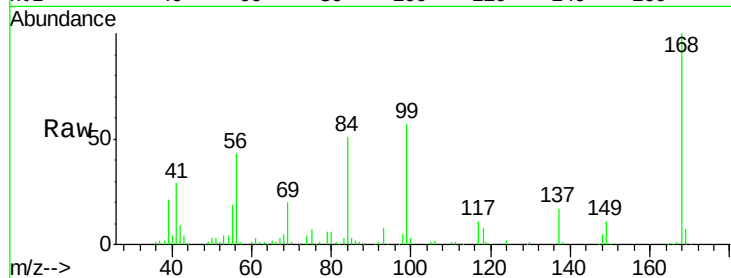
Tgt Ion: 56 Resp: 83549

Ion Ratio Lower Upper

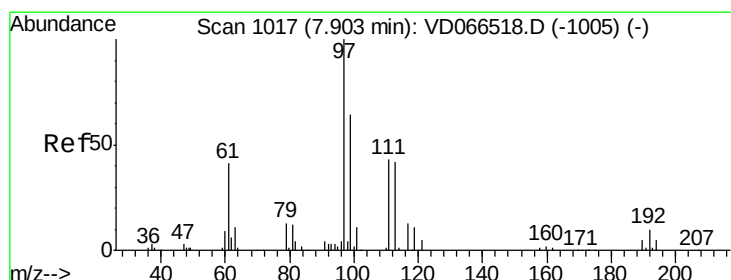
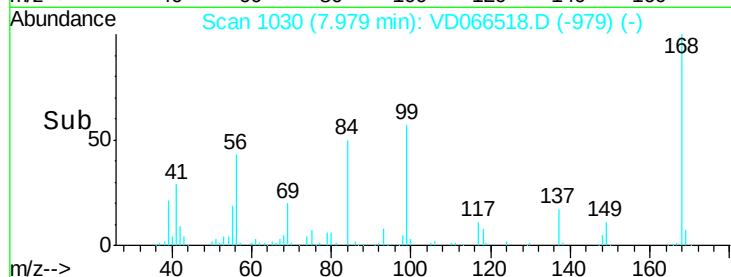
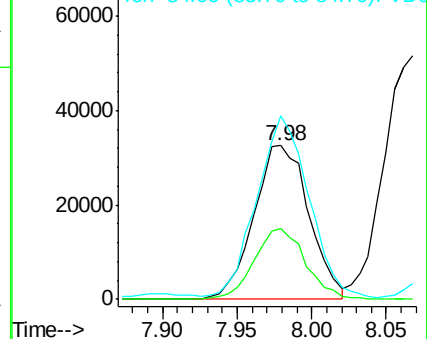
56 100

69 46.0 36.8 55.2

84 116.7 93.4 140.0



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



#32

1,1,1-Trichloroethane

Concen: 51.174 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

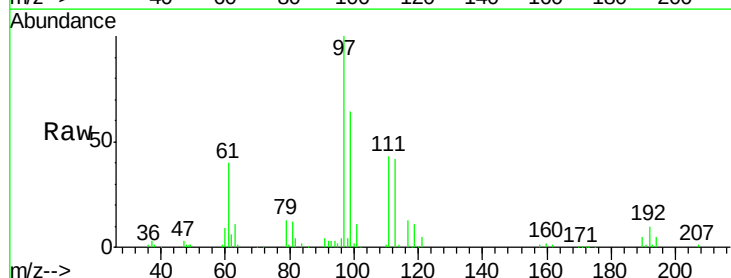
Tgt Ion: 97 Resp: 160182

Ion Ratio Lower Upper

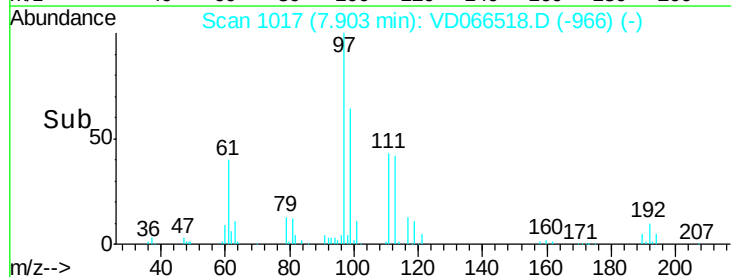
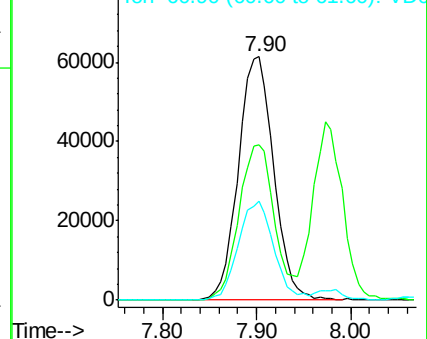
97 100

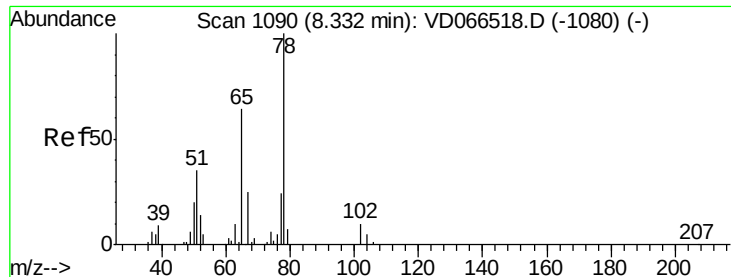
99 64.6 51.7 77.5

61 40.7 32.6 48.8



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

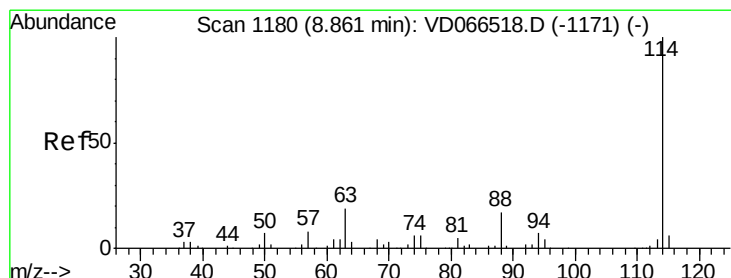
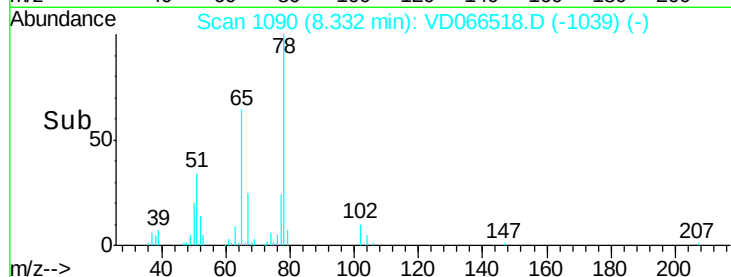
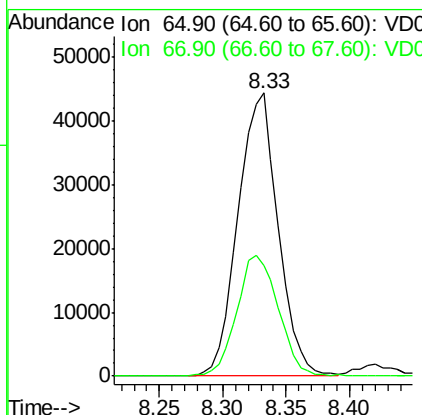
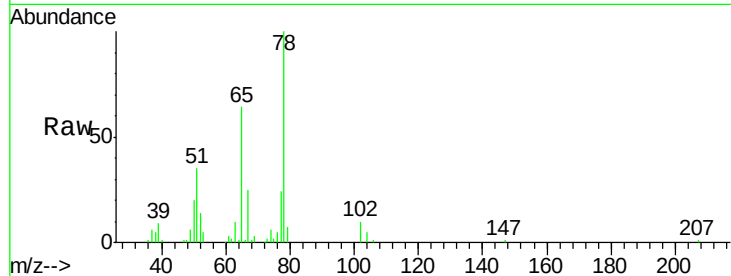




#33
 1,2-Dichloroethane-d4
 Concen: 54.723 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

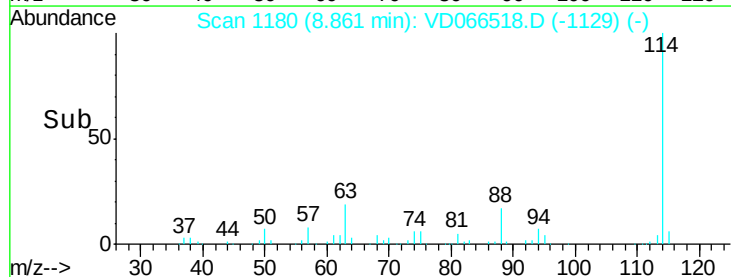
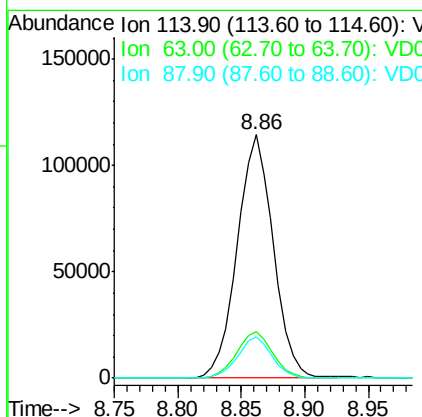
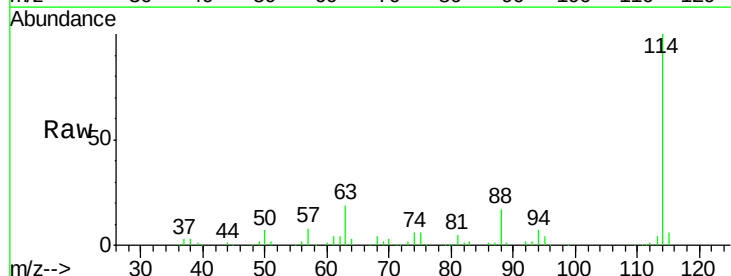
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

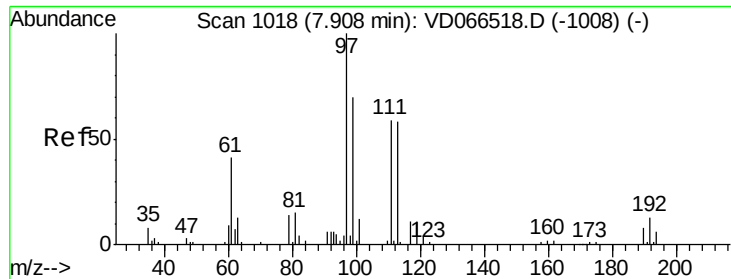
Tgt Ion: 65 Resp: 97578
 Ion Ratio Lower Upper
 65 100
 67 44.1 0.0 88.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion: 114 Resp: 225592
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 16.8 0.0 33.6

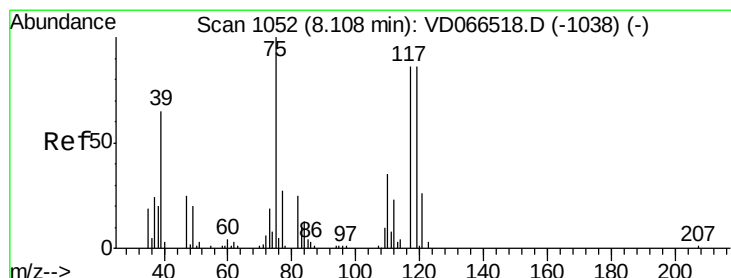
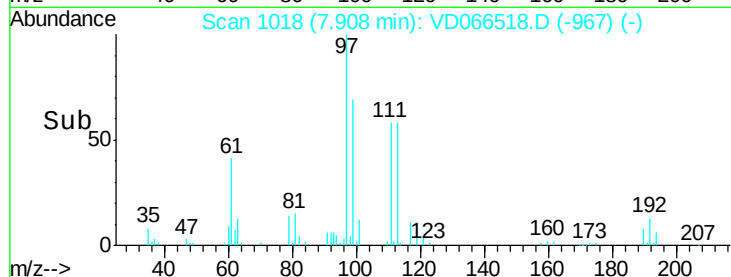
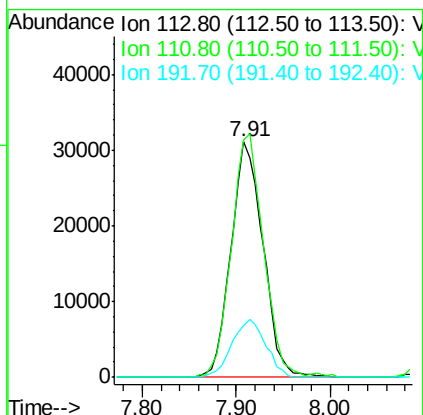
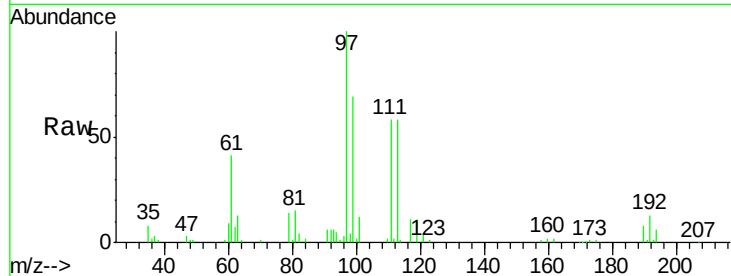




#35
 Dibromofluoromethane
 Concen: 54.239 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

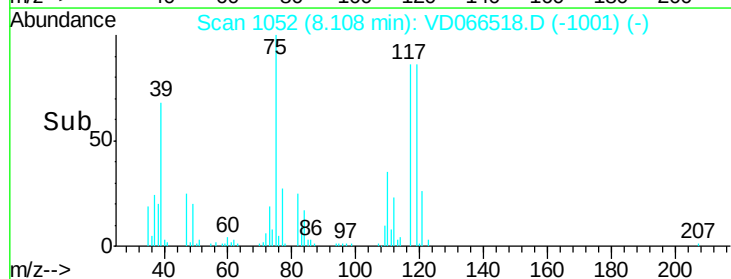
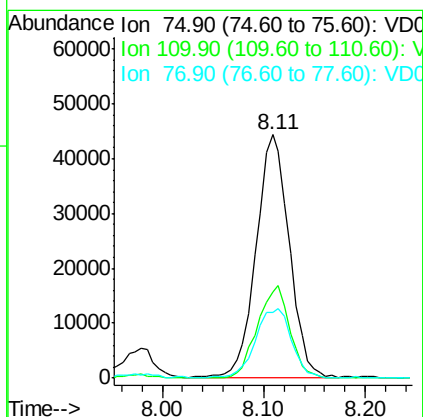
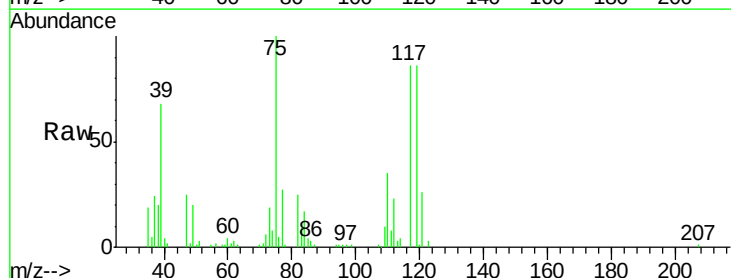
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

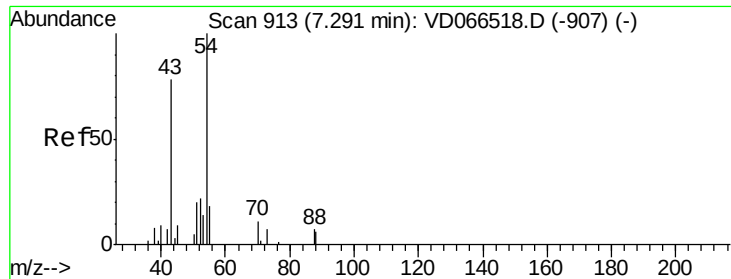
Tgt Ion: 113 Resp: 73593
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.5 123.7
 192 25.9 20.7 31.1



#36
 1,1-Dichloropropene
 Concen: 51.147 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion: 75 Resp: 101145
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.2
 77 30.7 24.6 36.8

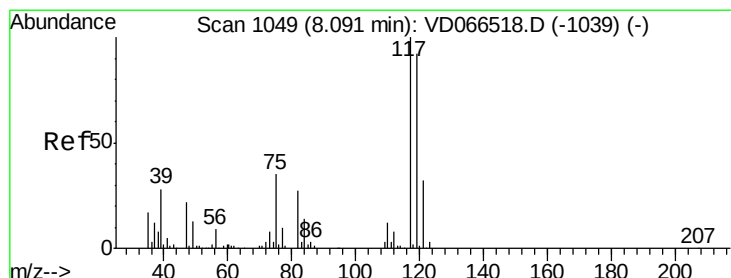
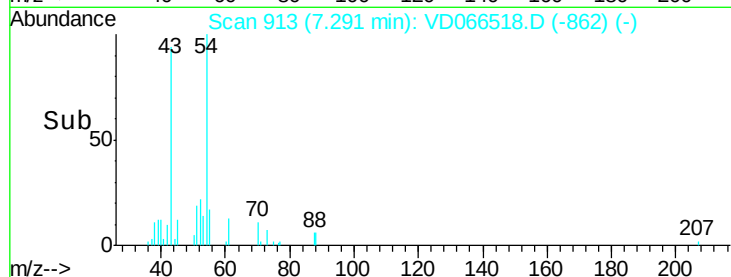
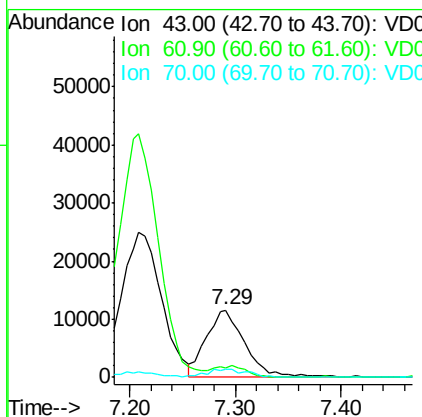
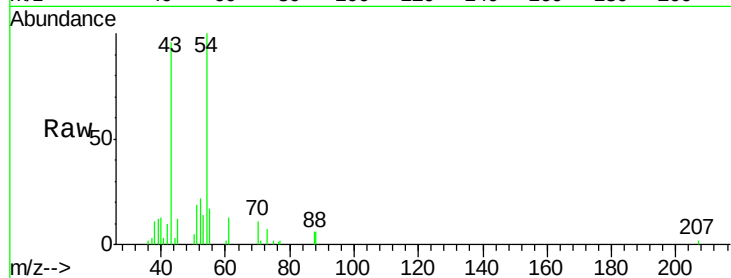




#37
Ethyl Acetate
 Concen: 49.602 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

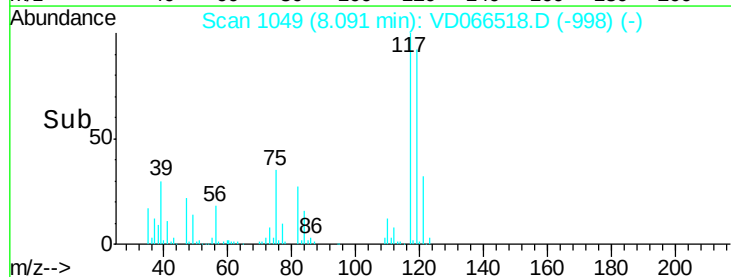
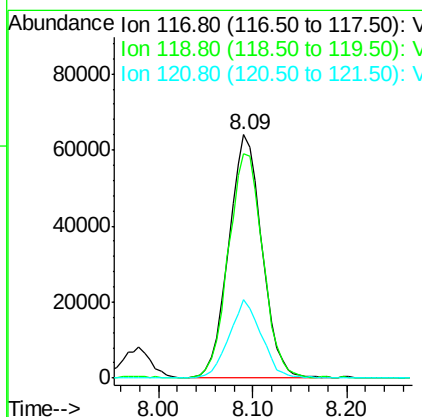
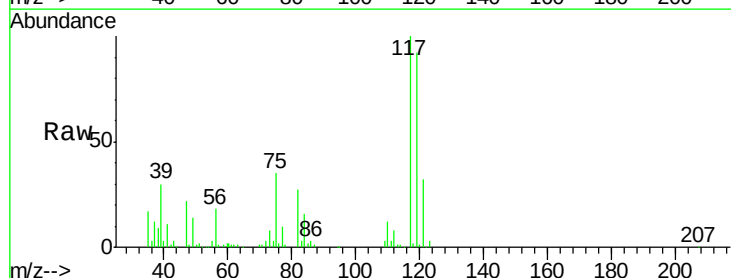
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

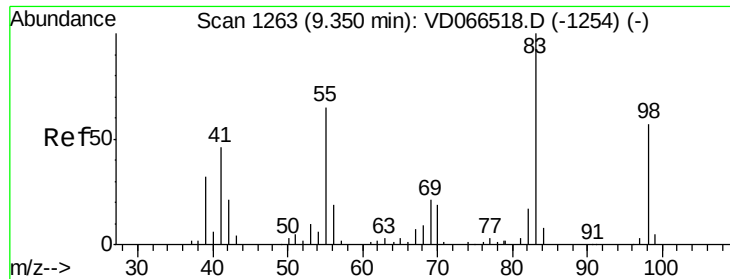
Tgt Ion: 43 Resp: 29444
 Ion Ratio Lower Upper
 43 100
 61 13.4 10.7 16.1
 70 12.7 10.2 15.2



#38
Carbon Tetrachloride
 Concen: 52.136 ug/l
 RT: 8.09 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion: 117 Resp: 157063
 Ion Ratio Lower Upper
 117 100
 119 92.4 73.9 110.9
 121 32.0 25.6 38.4

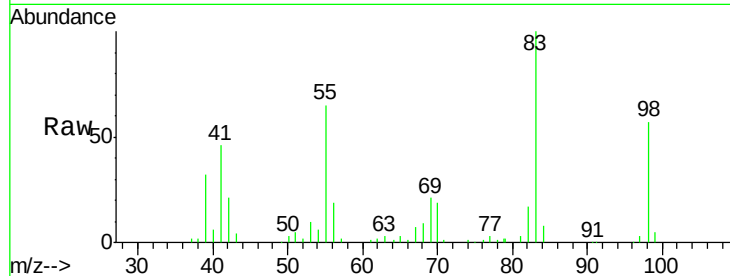




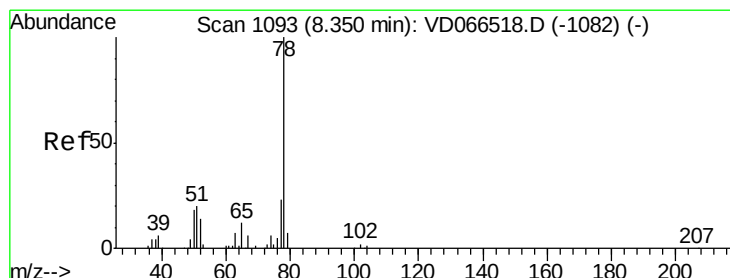
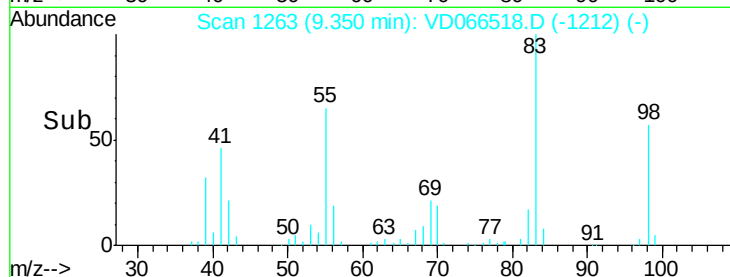
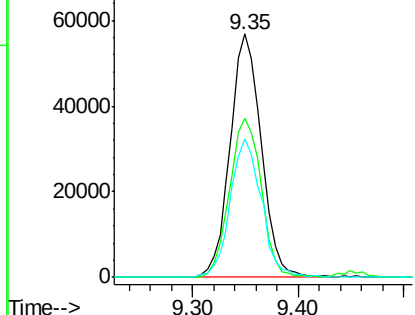
#39
Methylcyclohexane
Concen: 50.234 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 116061
Ion Ratio Lower Upper
83 100
55 65.2 52.2 78.2
98 57.0 45.6 68.4

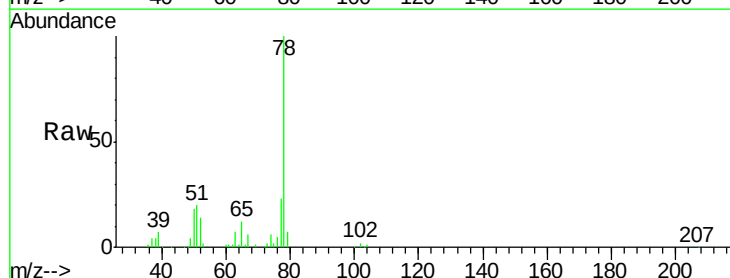


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

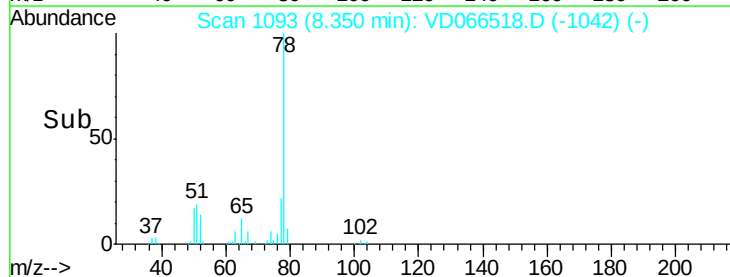
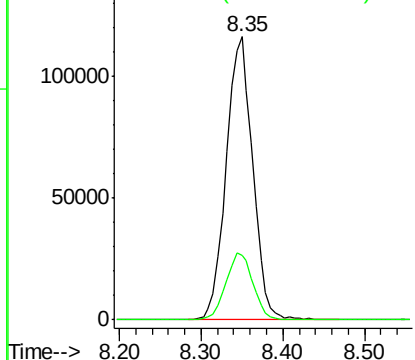


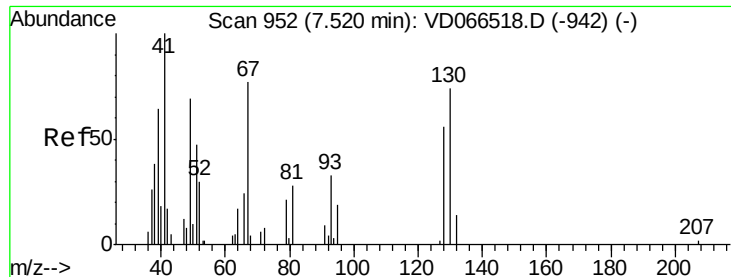
#40
Benzene
Concen: 51.507 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 78 Resp: 262754
Ion Ratio Lower Upper
78 100
77 22.6 18.1 27.1



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

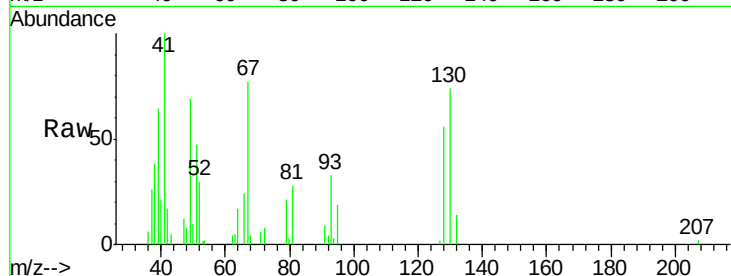




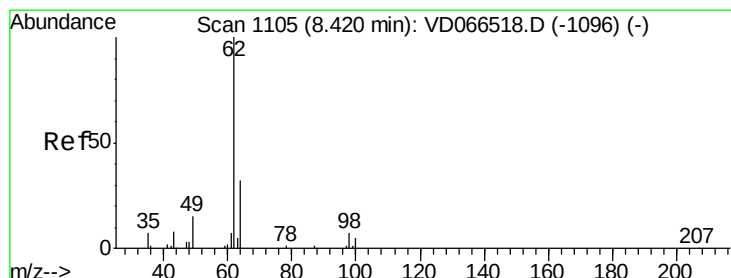
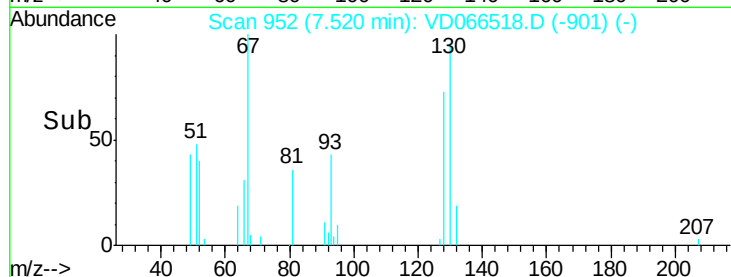
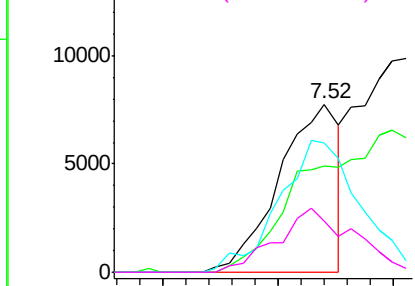
#41
Methacrylonitrile
Concen: 41.843 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	14142
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	106.2	85.0	127.4
52	48.5	38.8	58.2

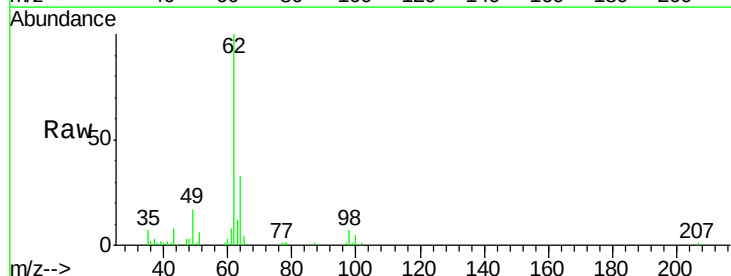


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

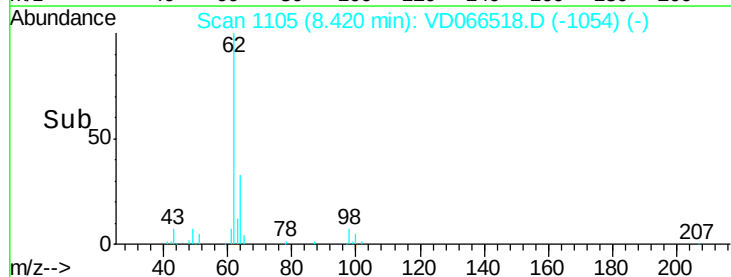
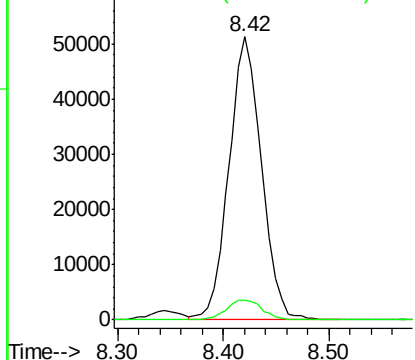


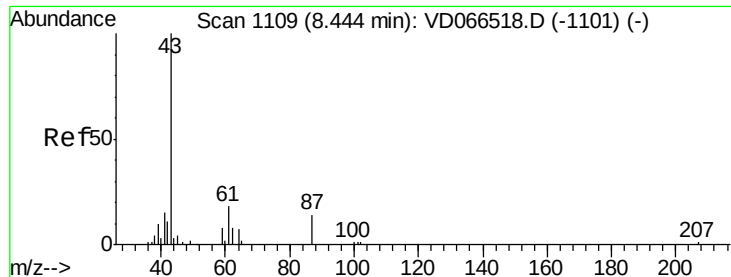
#42
1,2-Dichloroethane
Concen: 50.637 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion:	62	Resp:	109279
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2



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





#43

Isopropyl Acetate

Concen: 50.355 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

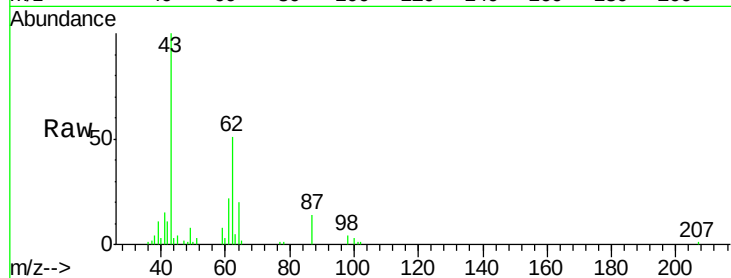
Tgt Ion: 43 Resp: 62616

Ion Ratio Lower Upper

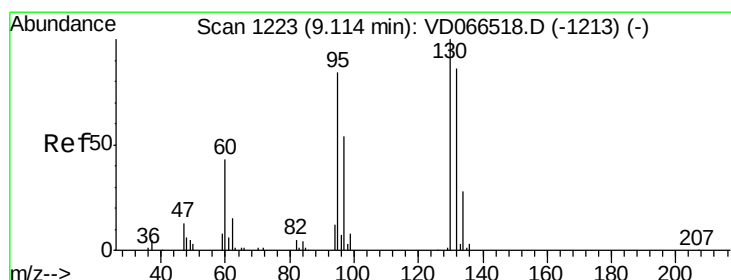
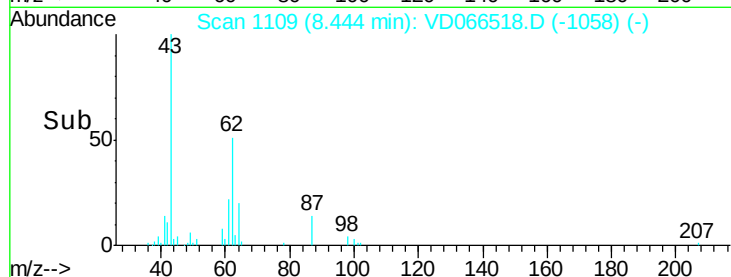
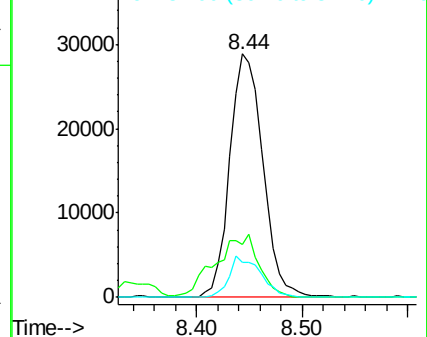
43 100

61 33.6 26.9 40.3

87 16.1 12.9 19.3



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: 51.554 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD066518.D

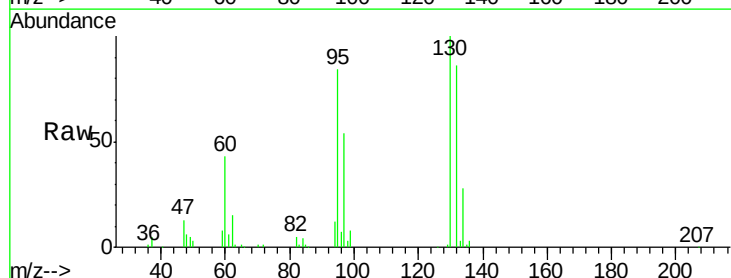
Acq: 02 Sep 2020 12:43

Tgt Ion: 130 Resp: 90773

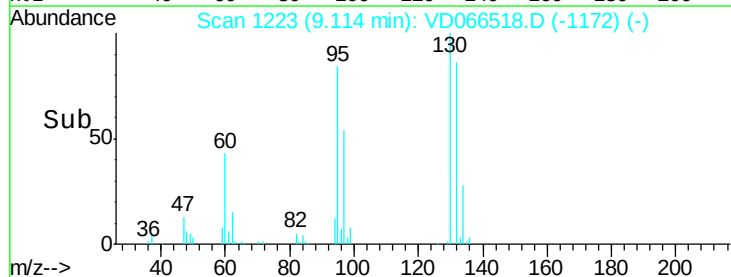
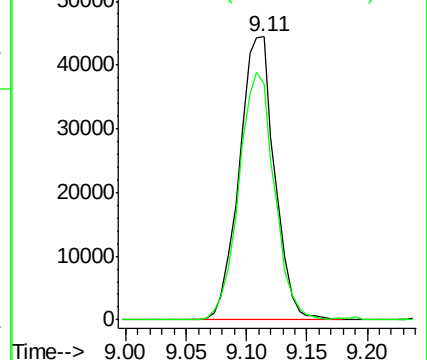
Ion Ratio Lower Upper

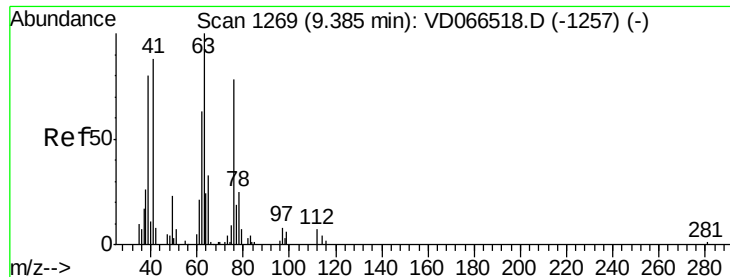
130 100

95 83.6 0.0 167.2



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

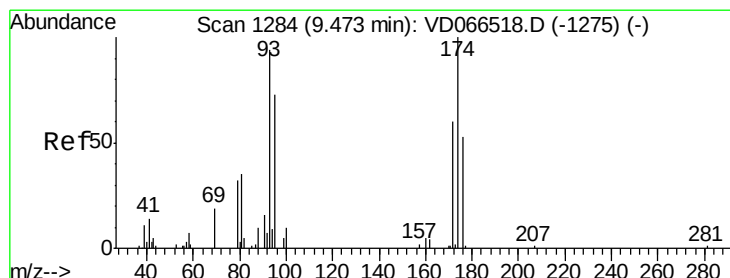
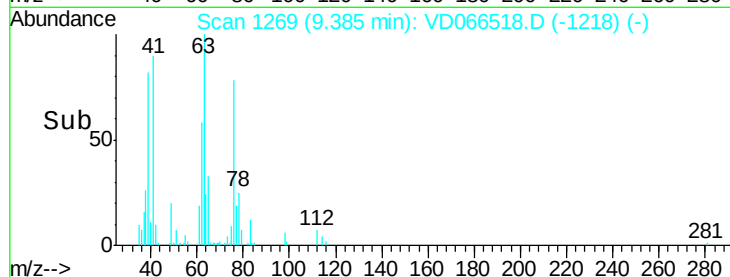
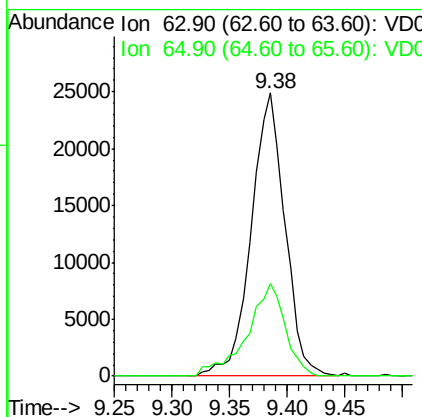
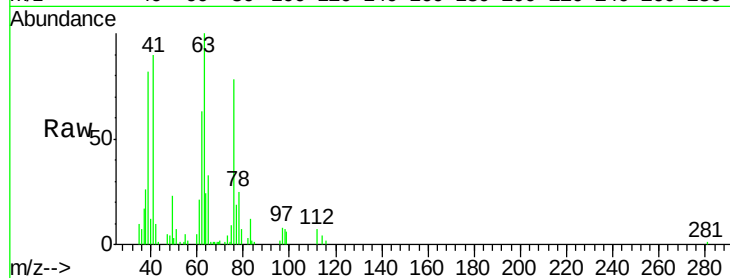




#45
 1,2-Dichloropropane
 Concen: 50.097 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

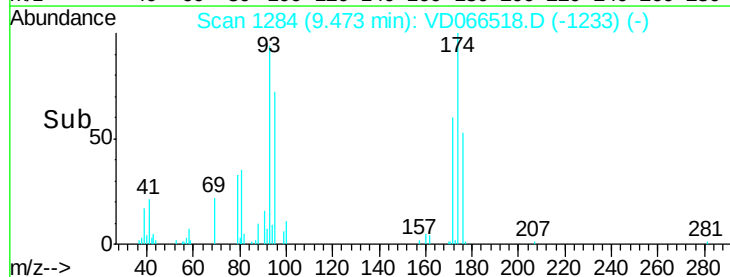
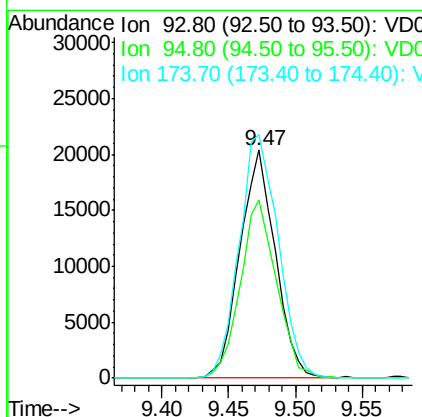
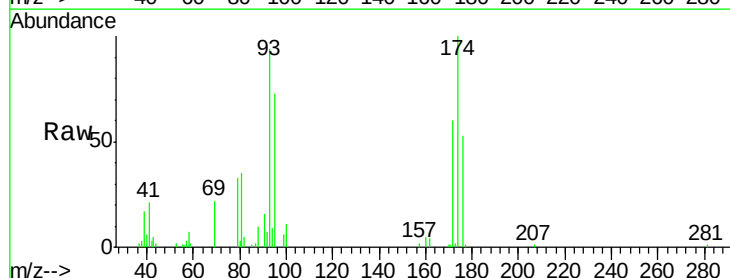
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

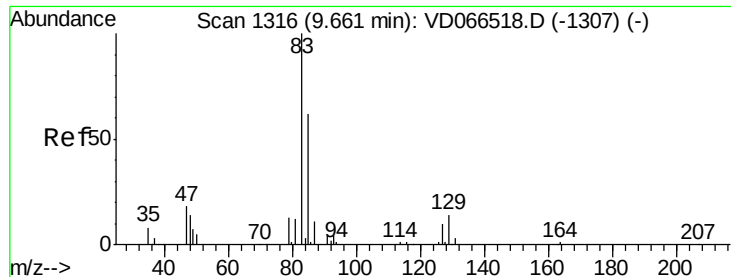
Tgt Ion: 63 Resp: 50706
 Ion Ratio Lower Upper
 63 100
 65 32.8 26.2 39.4



#46
 Dibromomethane
 Concen: 50.516 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion: 93 Resp: 37433
 Ion Ratio Lower Upper
 93 100
 95 79.9 63.9 95.9
 174 118.0 94.4 141.6

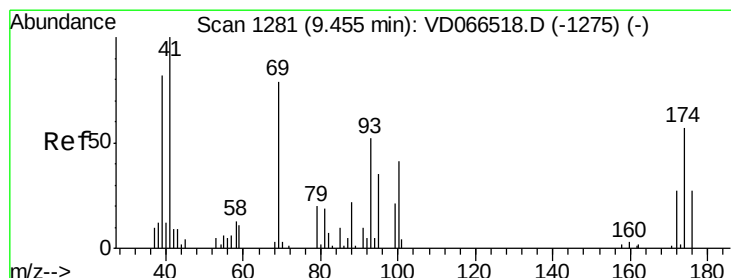
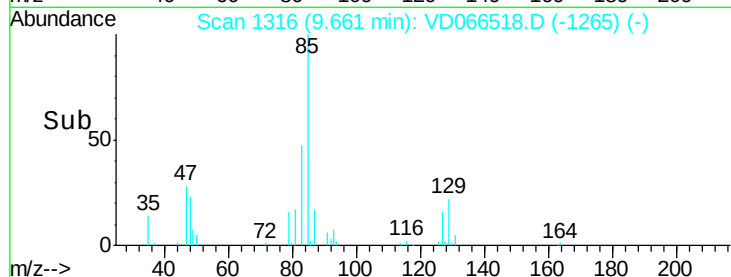
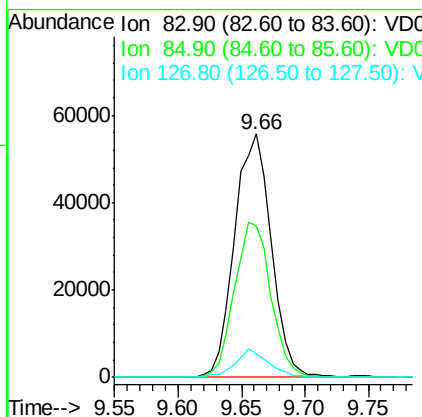
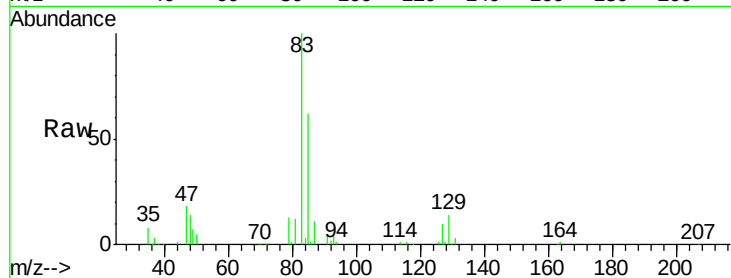




#47
Bromodichloromethane
Concen: 50.984 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

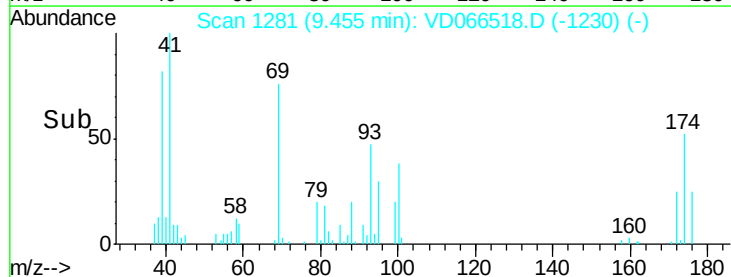
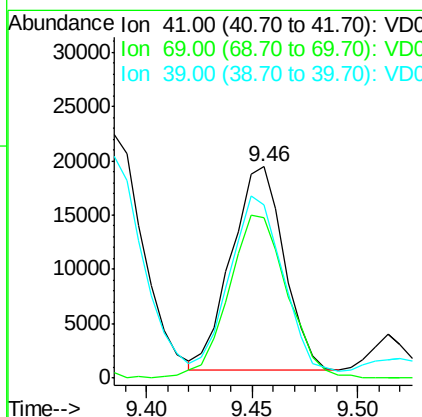
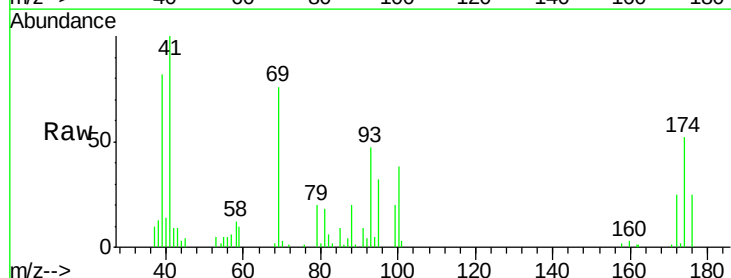
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

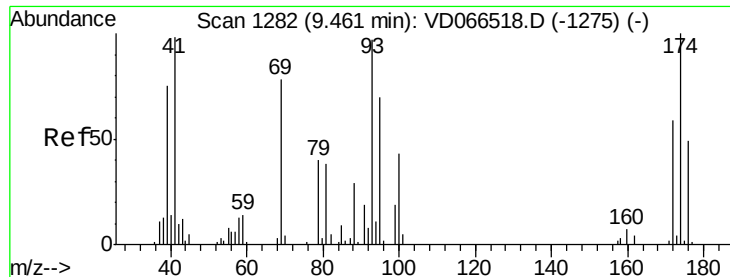
Tgt Ion: 83 Resp: 112286
Ion Ratio Lower Upper
83 100
85 62.0 49.6 74.4
127 9.7 7.8 11.6



#48
Methyl methacrylate
Concen: 50.985 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 41 Resp: 32309
Ion Ratio Lower Upper
41 100
69 88.9 71.1 106.7
39 94.3 75.4 113.2

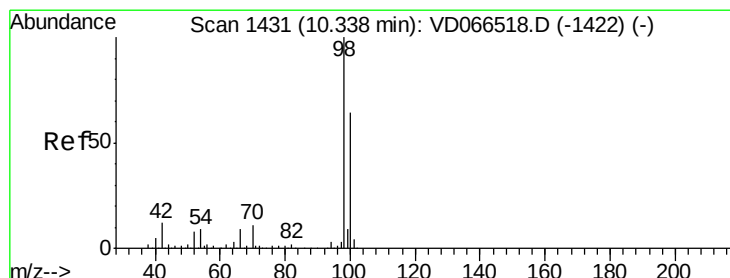
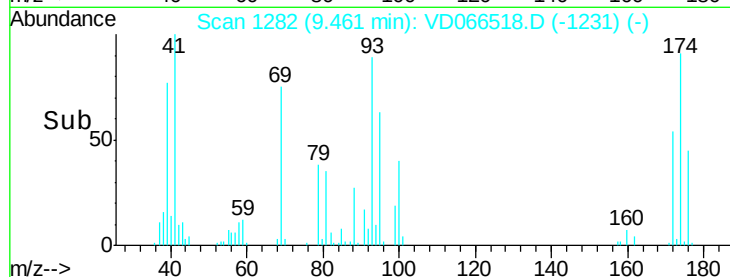
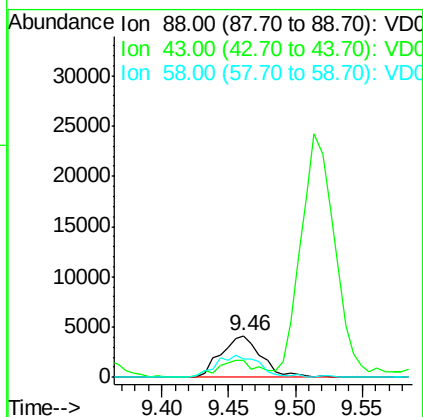
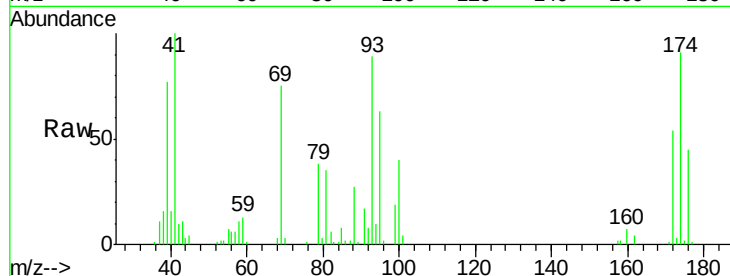




#49
1,4-Dioxane
Concen: 1008.103 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

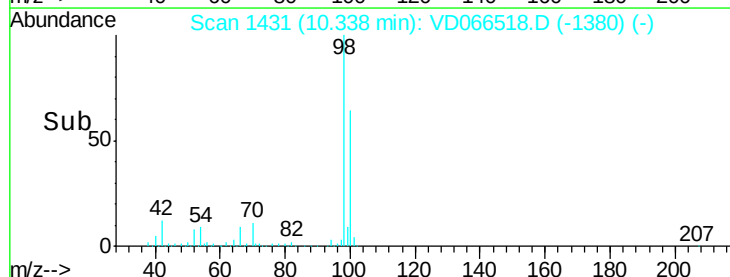
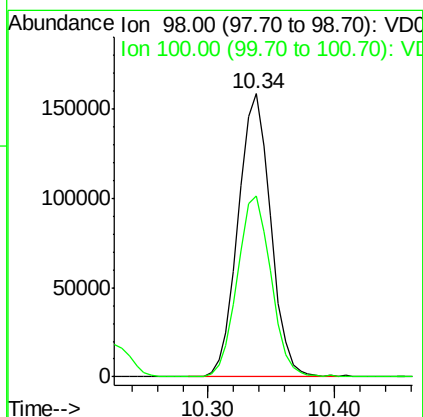
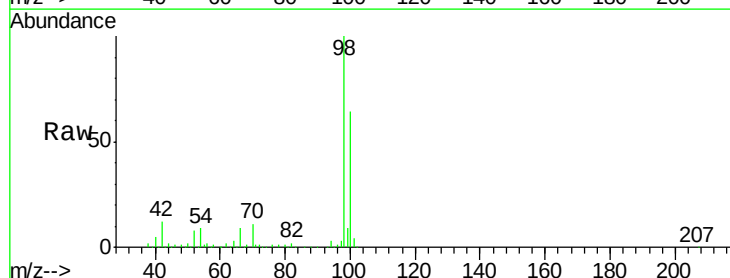
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

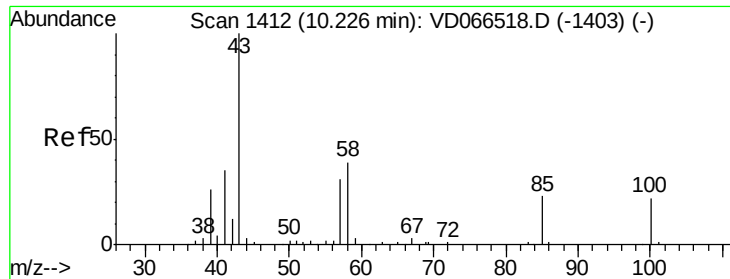
Tgt Ion: 88 Resp: 8736
Ion Ratio Lower Upper
88 100
43 42.2 33.8 50.6
58 57.8 46.2 69.4



#50
Toluene-d8
Concen: 55.528 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 98 Resp: 282905
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2

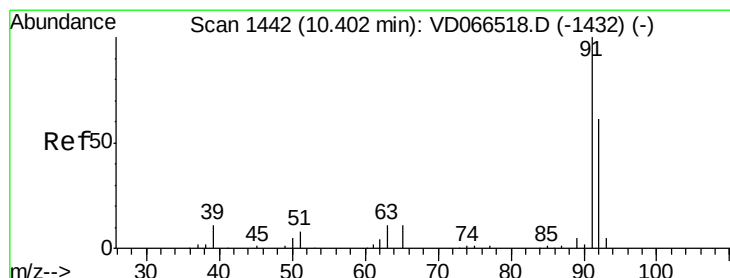
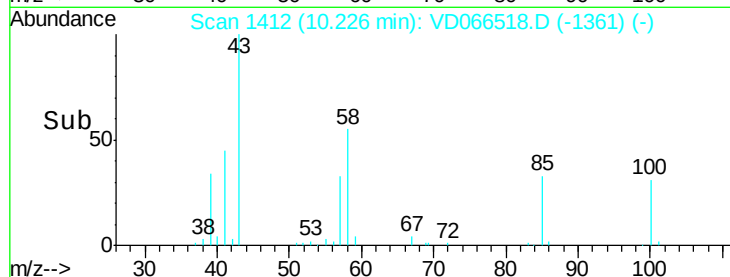
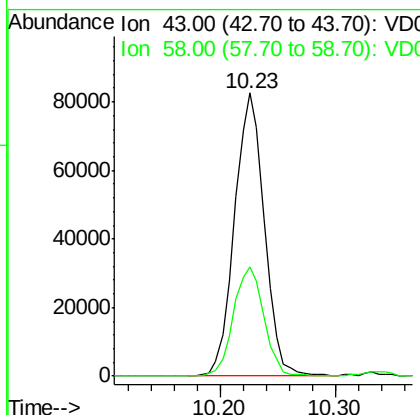
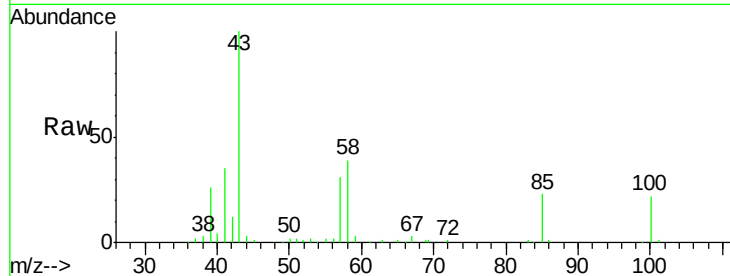




#51
4-Methyl-2-Pentanone
Concen: 258.437 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

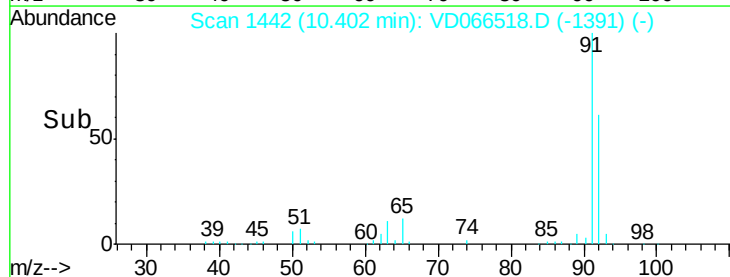
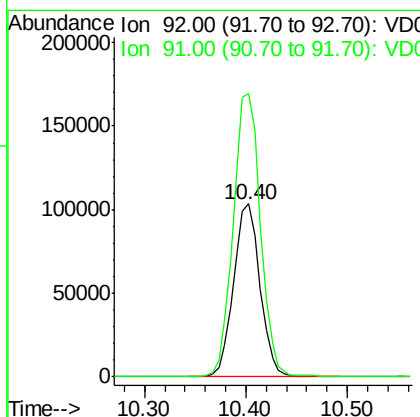
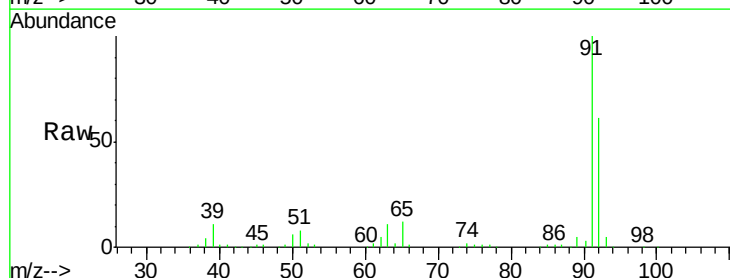
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

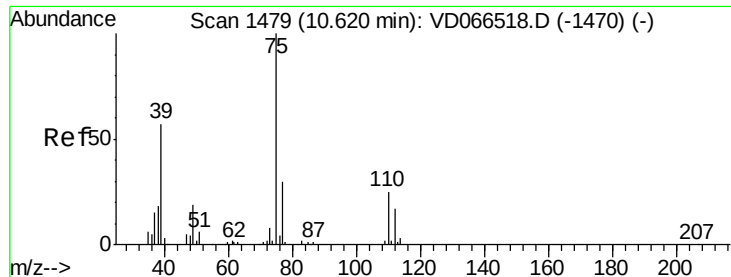
Tgt Ion: 43 Resp: 147770
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3



#52
Toluene
Concen: 51.660 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 92 Resp: 187449
Ion Ratio Lower Upper
92 100
91 168.7 135.0 202.4

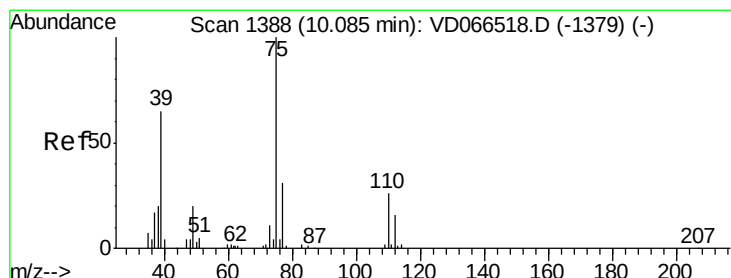
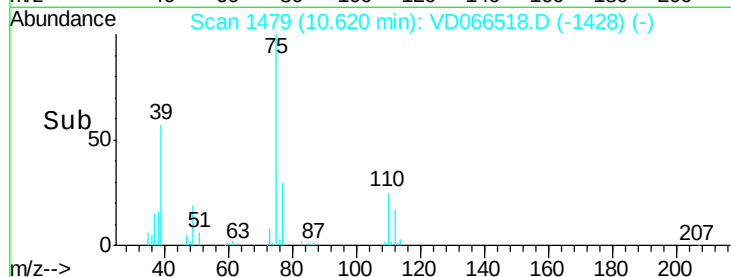
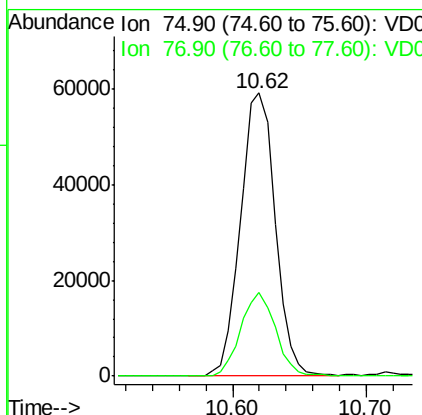
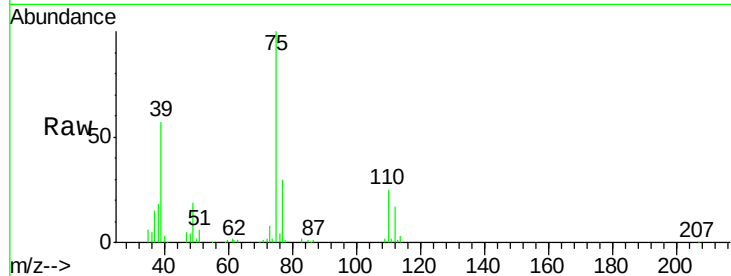




#53
 t-1,3-Dichloropropene
 Concen: 52.940 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

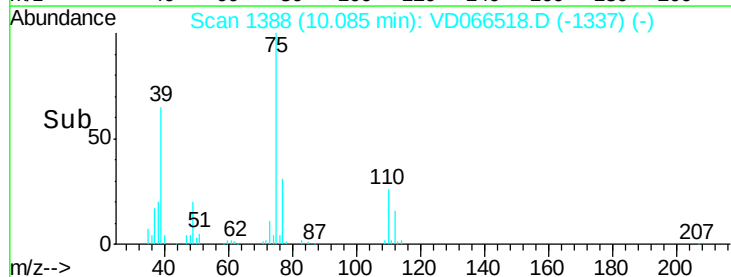
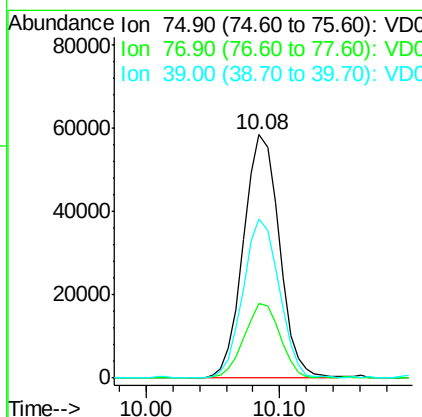
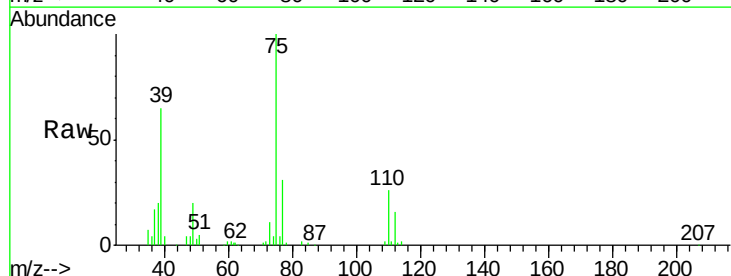
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

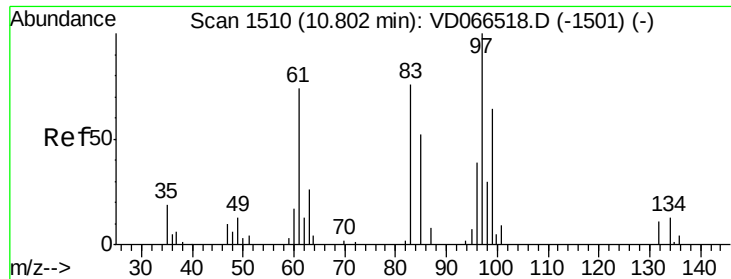
Tgt Ion: 75 Resp: 106523
 Ion Ratio Lower Upper
 75 100
 77 29.6 23.7 35.5



#54
 cis-1,3-Dichloropropene
 Concen: 51.425 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion: 75 Resp: 109011
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7
 39 65.5 52.4 78.6

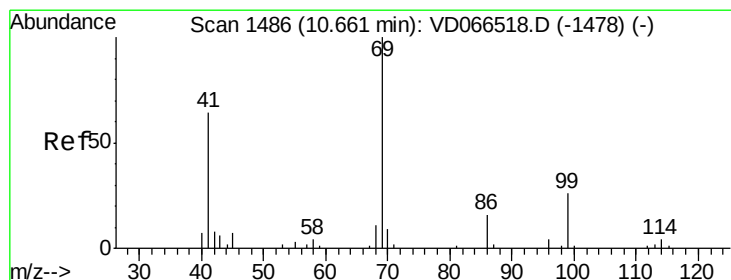
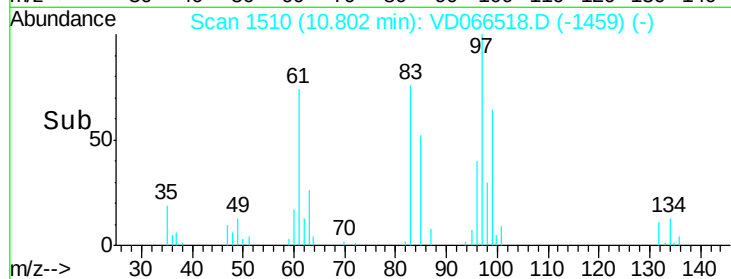
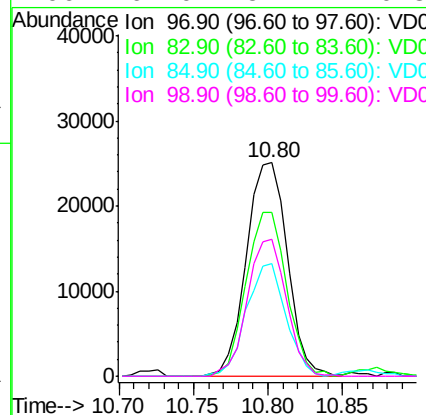
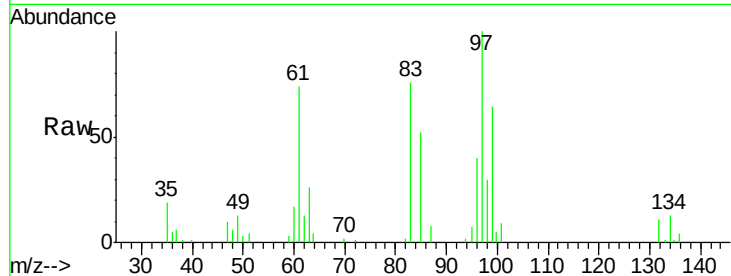




#55
 1,1,2-Trichloroethane
 Concen: 51.019 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

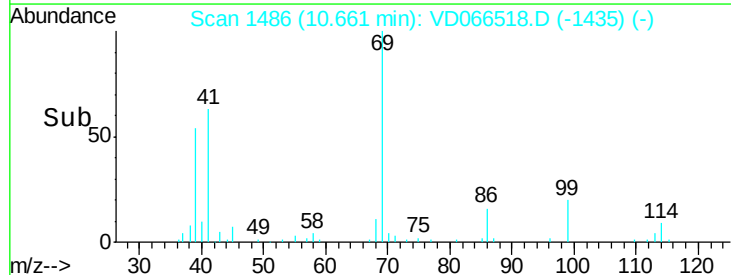
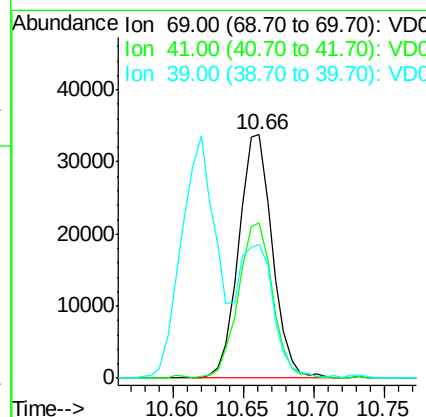
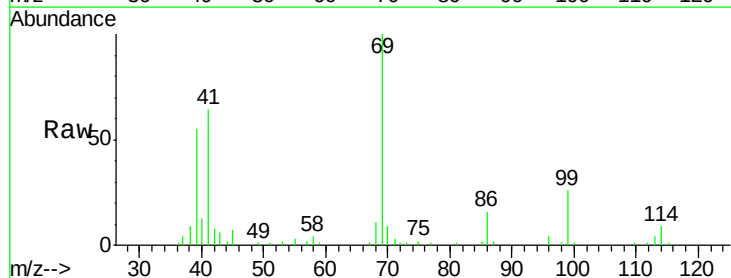
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

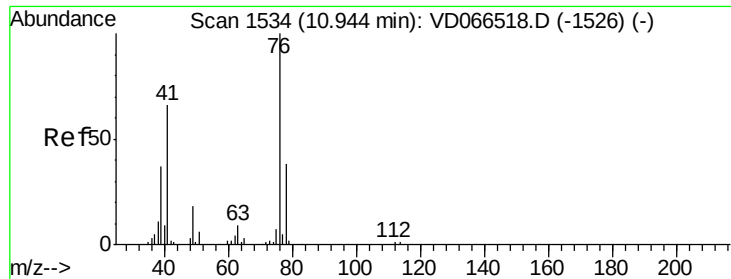
Tgt Ion:	97	Resp:	47771
Ion	Ratio	Lower	Upper
97	100		
83	76.5	61.2	91.8
85	52.5	42.0	63.0
99	64.0	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 51.049 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion:	69	Resp:	56254
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.5	78.7
39	52.6	42.1	63.1

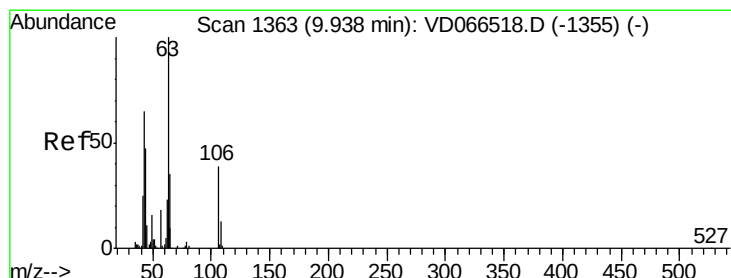
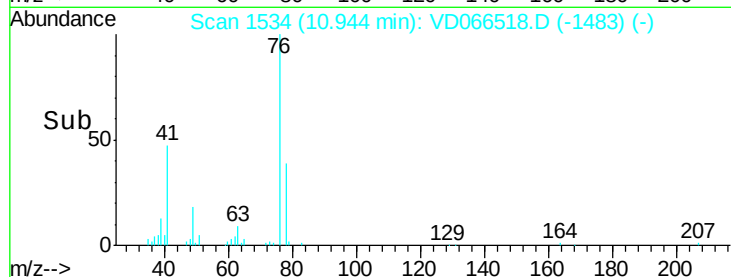
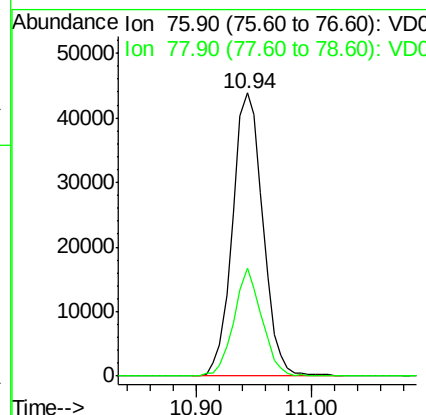
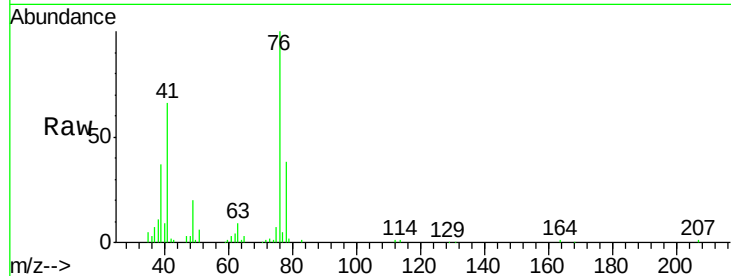




#57
 1,3-Dichloropropane
 Concen: 51.720 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

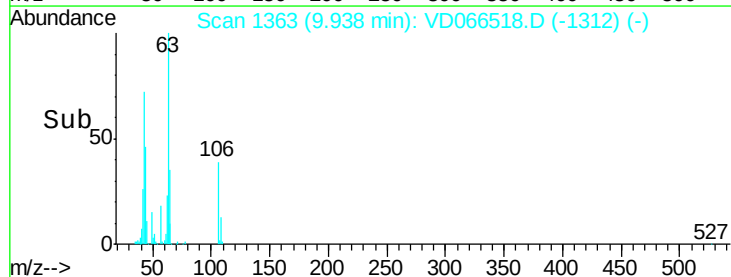
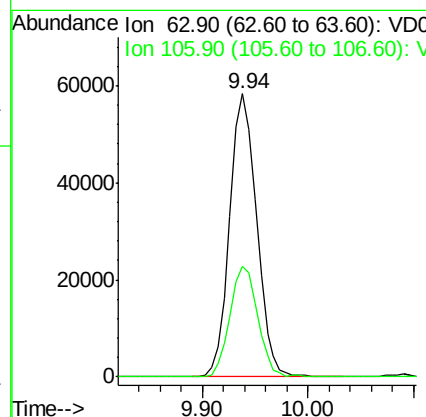
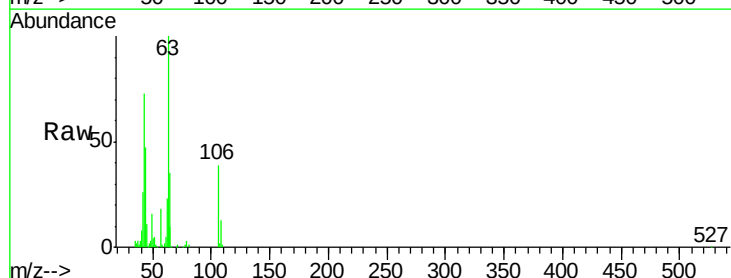
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

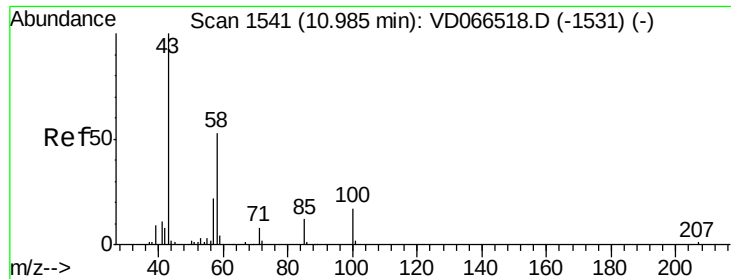
Tgt Ion: 76 Resp: 79975
 Ion Ratio Lower Upper
 76 100
 78 35.2 28.2 42.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.773 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion: 63 Resp: 103570
 Ion Ratio Lower Upper
 63 100
 106 40.1 32.1 48.1

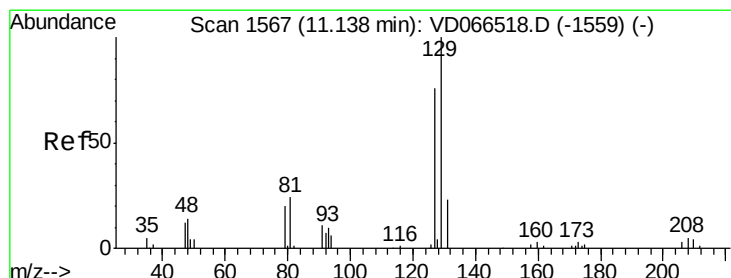
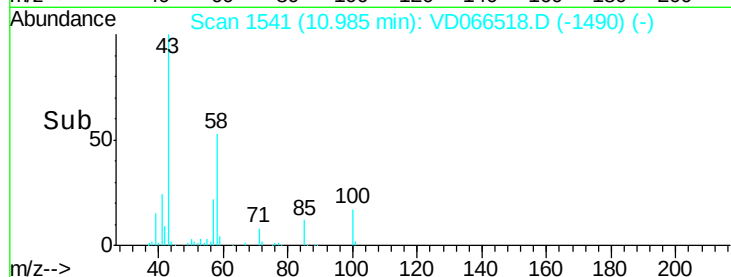
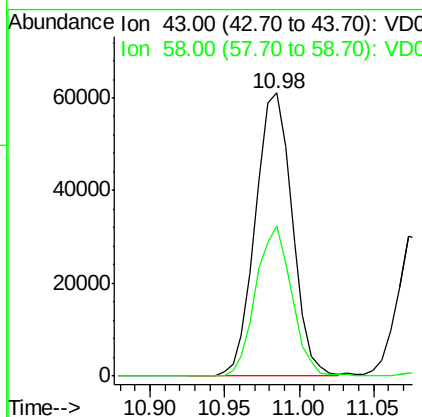
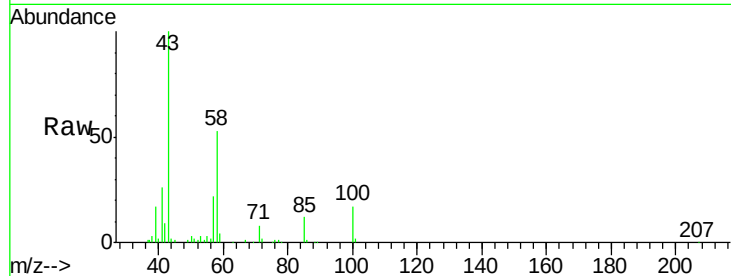




#59
2-Hexanone
Concen: 252.601 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

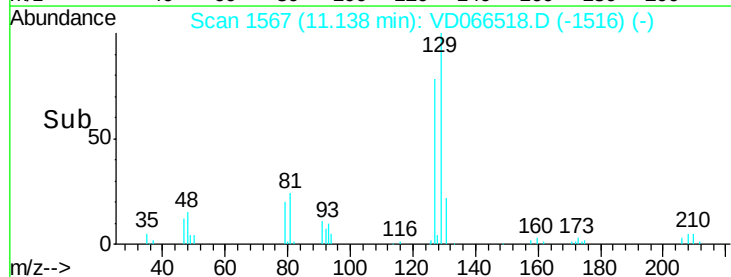
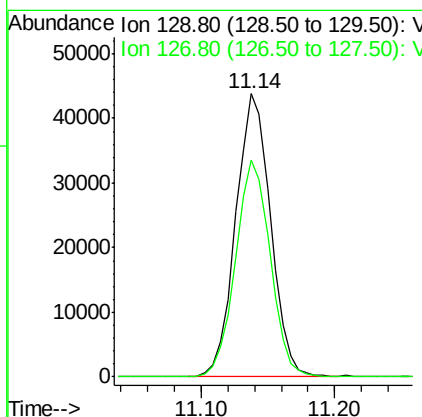
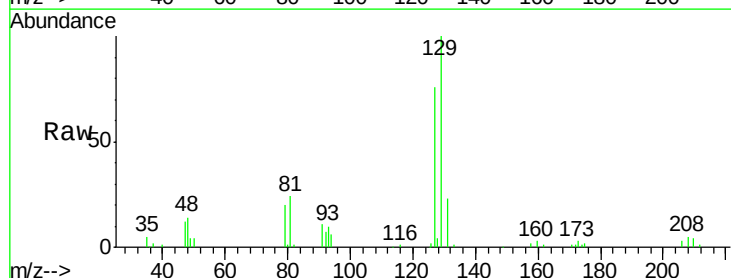
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

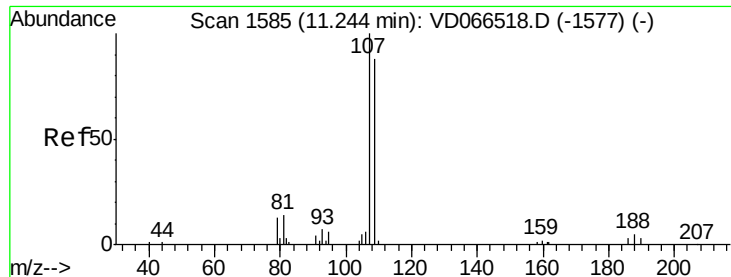
Tgt Ion: 43 Resp: 104313
Ion Ratio Lower Upper
43 100
58 51.3 25.7 77.0



#60
Dibromochloromethane
Concen: 51.099 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 129 Resp: 79118
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6

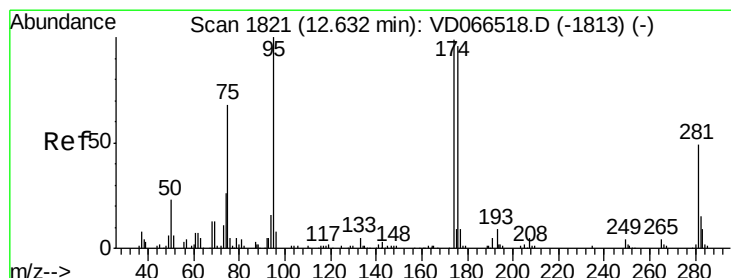
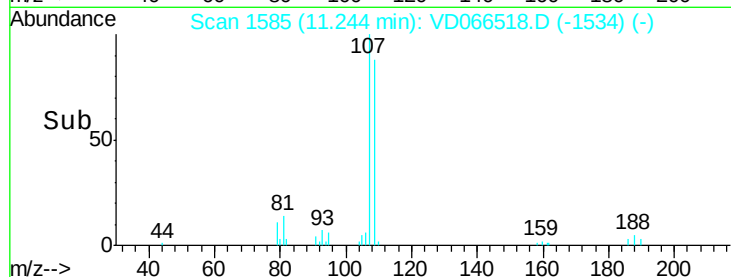
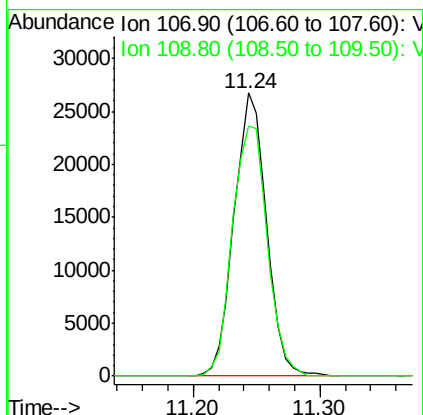
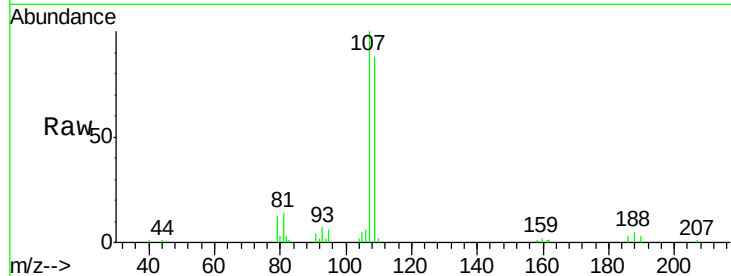




#61
1,2-Dibromoethane
Concen: 49.607 ug/l
RT: 11.24 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

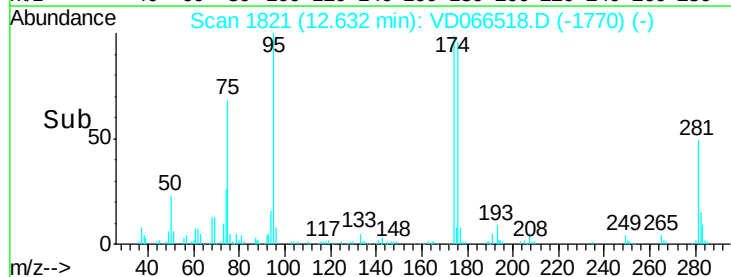
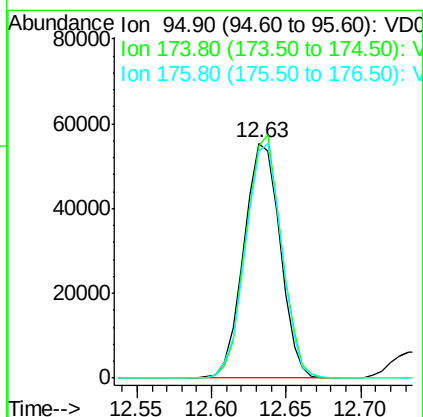
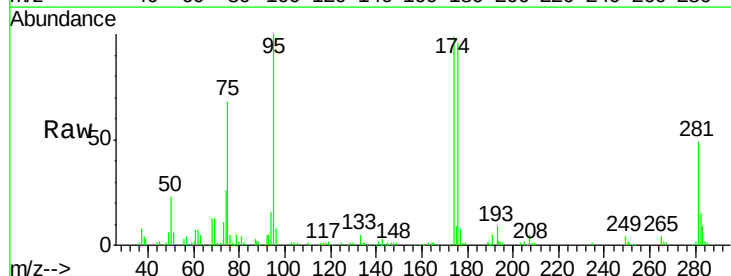
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

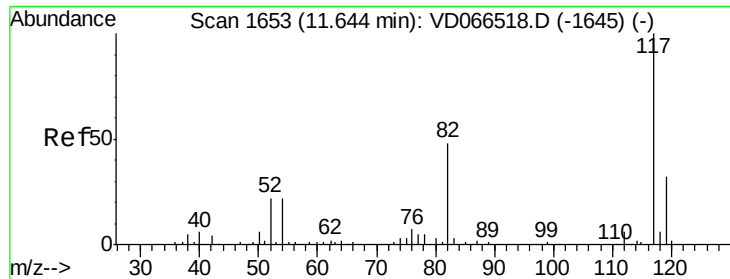
Tgt Ion: 107 Resp: 47347
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.369 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 95 Resp: 93292
Ion Ratio Lower Upper
95 100
174 101.6 0.0 203.2
176 99.3 0.0 198.6

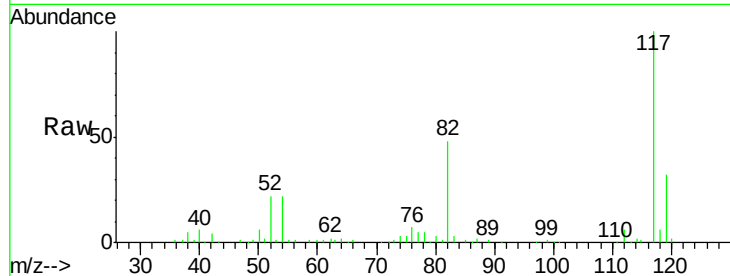




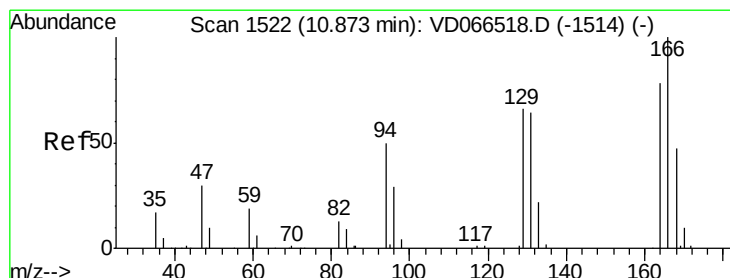
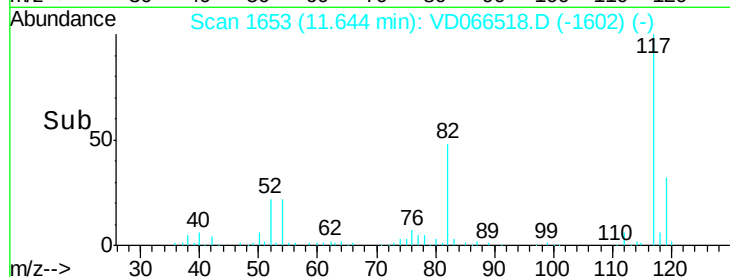
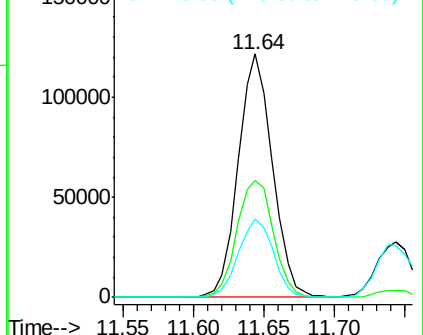
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 206186
Ion Ratio Lower Upper
117 100
82 48.1 38.5 57.7
119 32.4 25.9 38.9

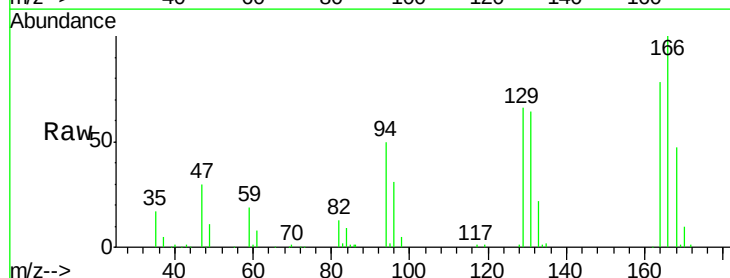


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

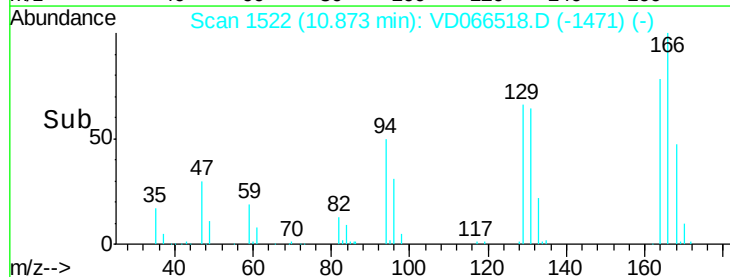
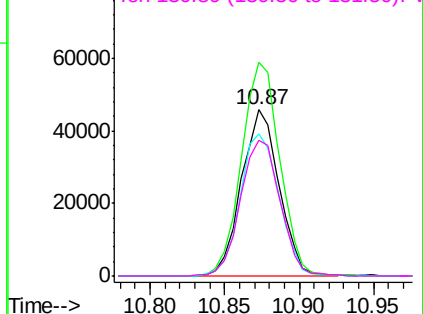


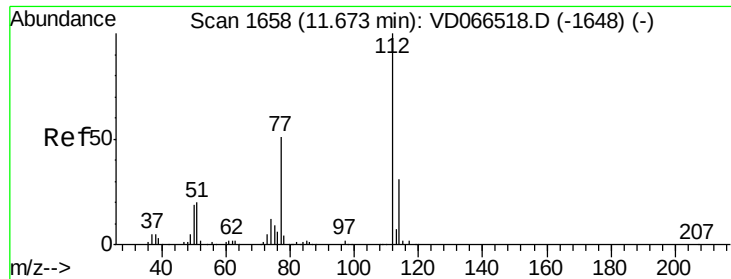
#64
Tetrachloroethene
Concen: 49.870 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion:164 Resp: 80169
Ion Ratio Lower Upper
164 100
166 128.8 103.0 154.6
129 85.4 68.3 102.5
131 82.0 65.6 98.4



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





#65

Chlorobenzene

Concen: 51.566 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

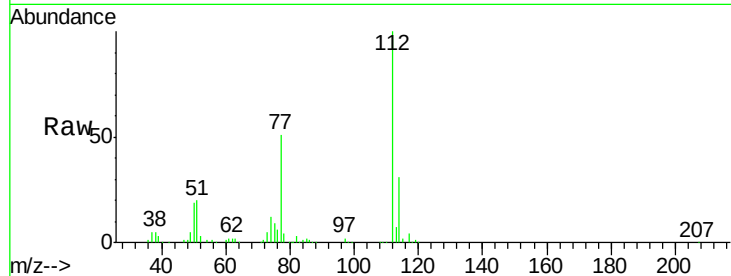
VSTDICCC050

Tgt Ion:112 Resp: 209178

Ion Ratio Lower Upper

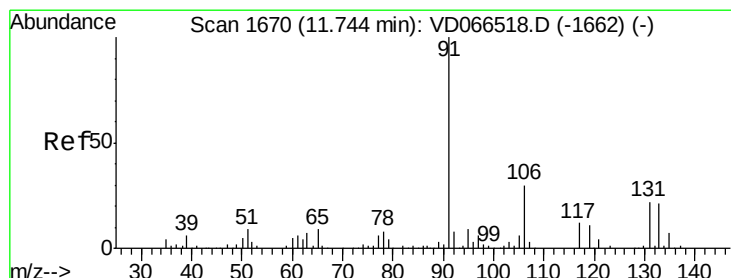
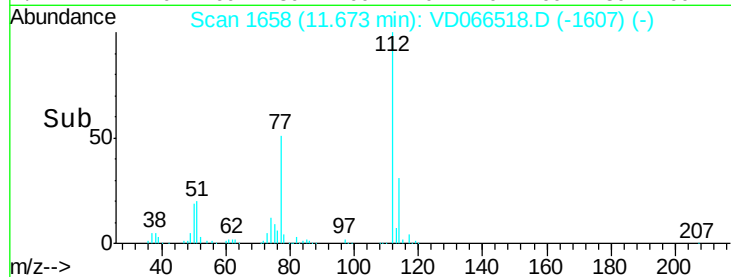
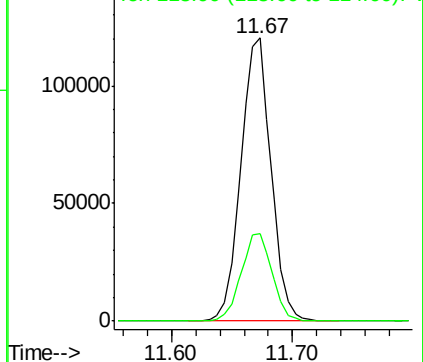
112 100

114 31.0 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.171 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

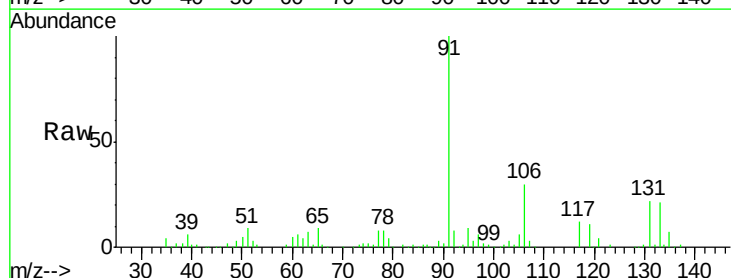
Tgt Ion:131 Resp: 87826

Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.5

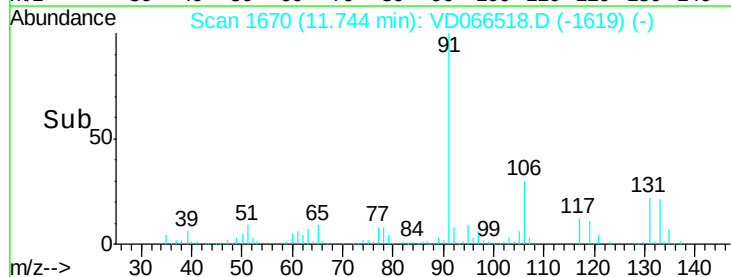
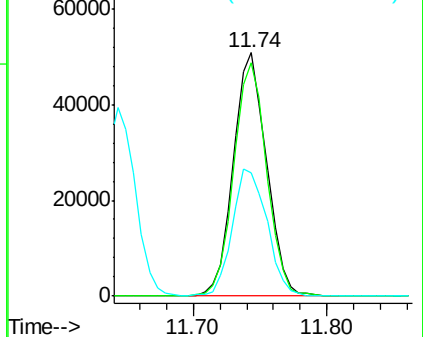
119 54.4 27.2 81.6

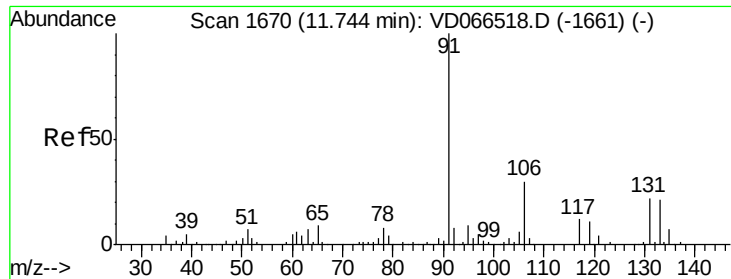


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

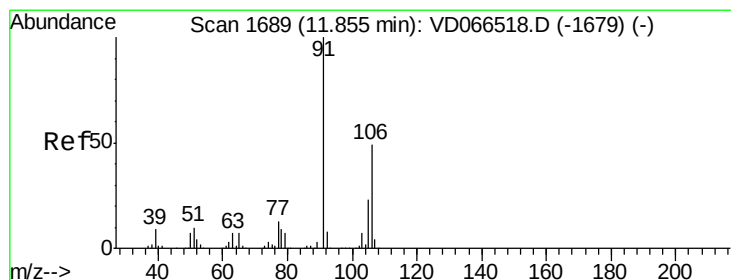
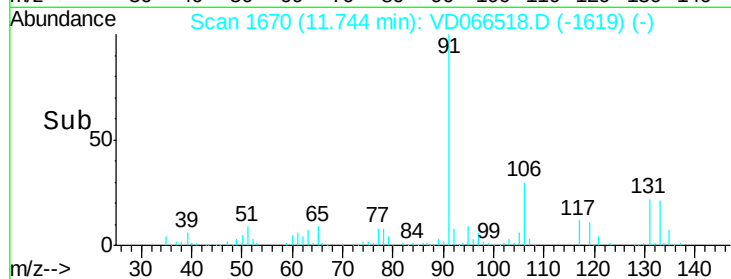
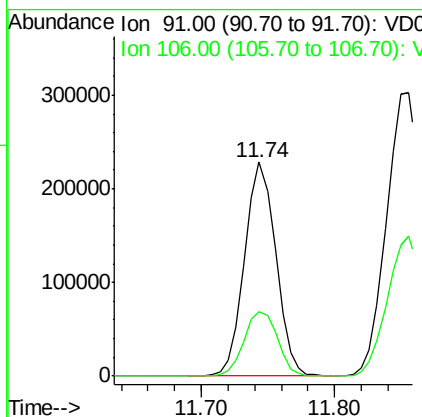
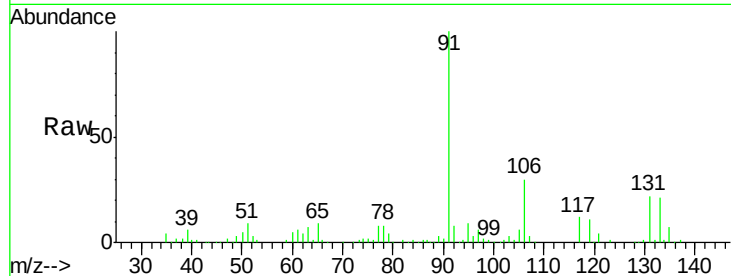




#67
 Ethyl Benzene
 Concen: 51.933 ug/l
 RT: 11.74 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

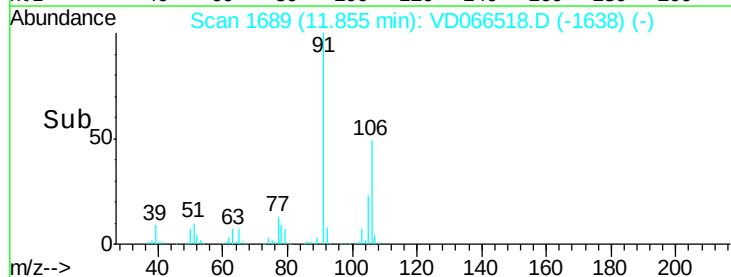
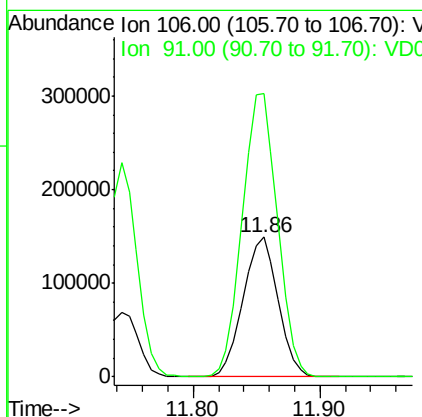
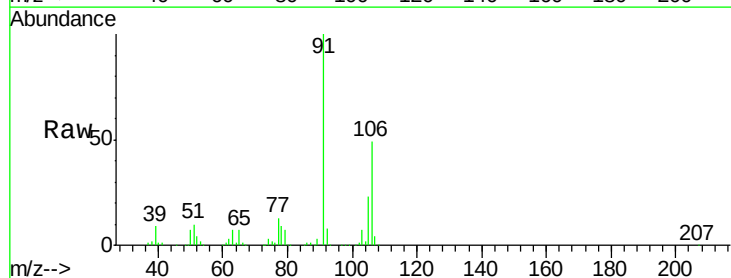
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

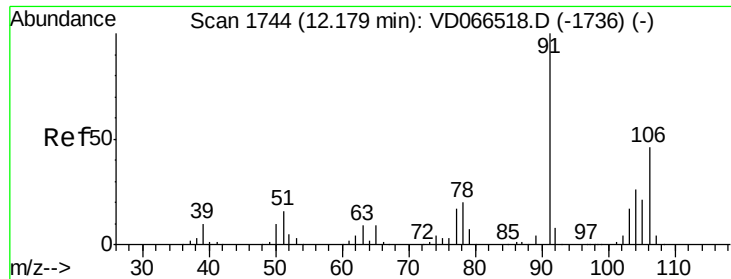
Tgt Ion: 91 Resp: 371098
 Ion Ratio Lower Upper
 91 100
 106 30.0 24.0 36.0



#68
 m/p-Xylenes
 Concen: 103.576 ug/l
 RT: 11.86 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion: 106 Resp: 286362
 Ion Ratio Lower Upper
 106 100
 91 204.1 163.3 244.9

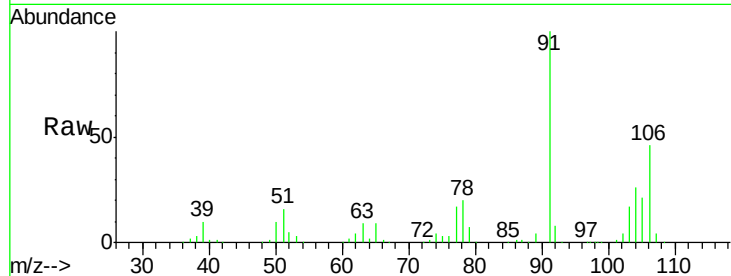




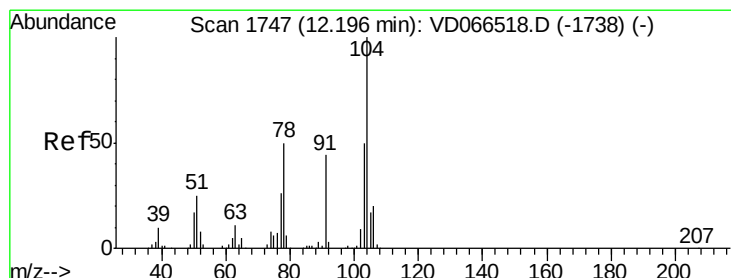
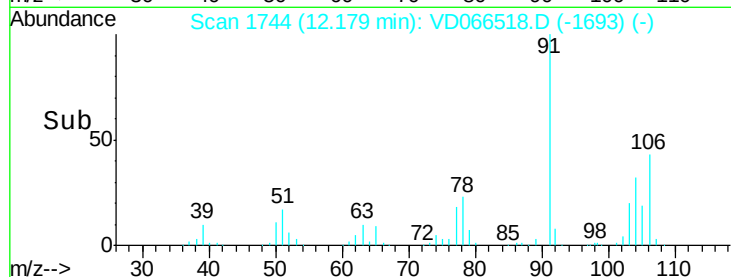
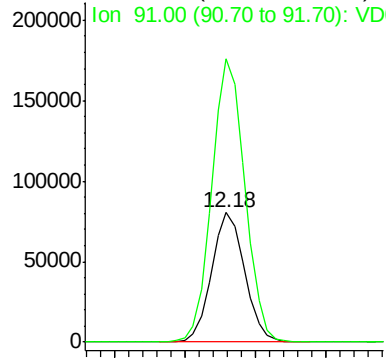
#69
o-Xylene
Concen: 50.590 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 132490
Ion Ratio Lower Upper
106 100
91 217.5 108.7 326.3

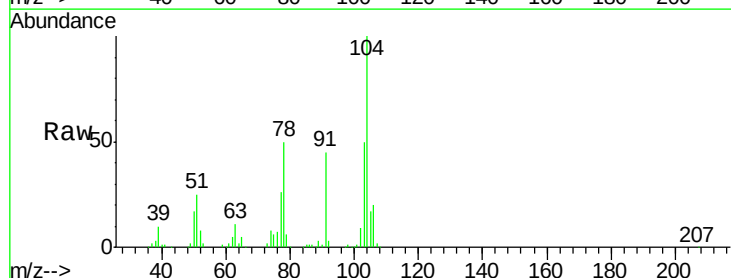


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

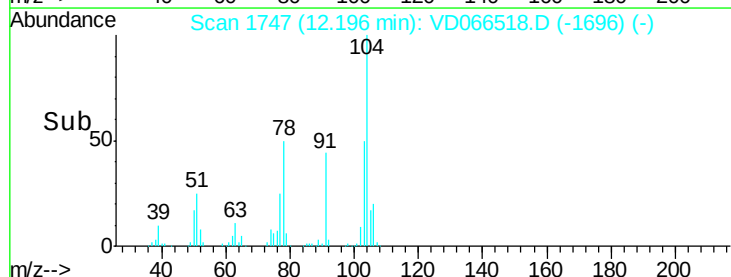
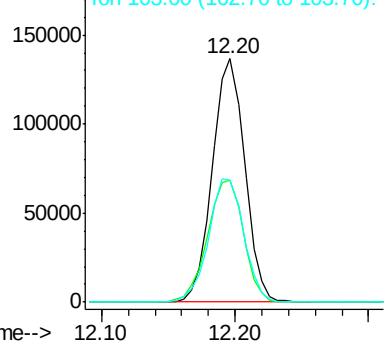


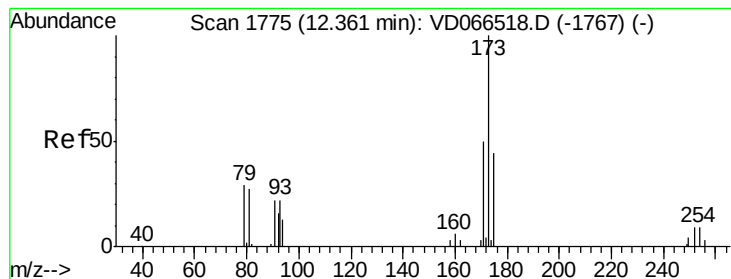
#70
Styrene
Concen: 51.150 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion:104 Resp: 229340
Ion Ratio Lower Upper
104 100
78 55.4 44.3 66.5
103 55.1 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.479 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

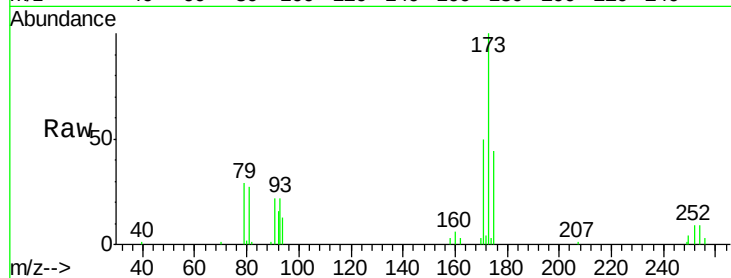
Tgt Ion:173 Resp: 49404

Ion Ratio Lower Upper

173 100

175 44.5 22.3 66.8

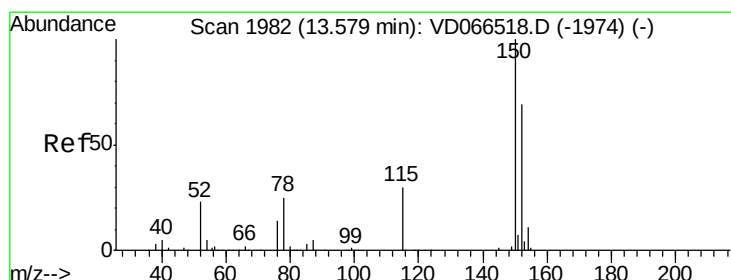
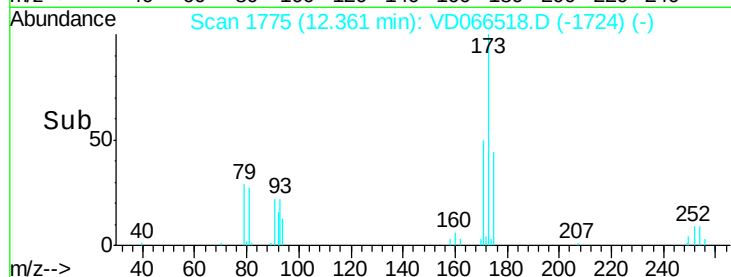
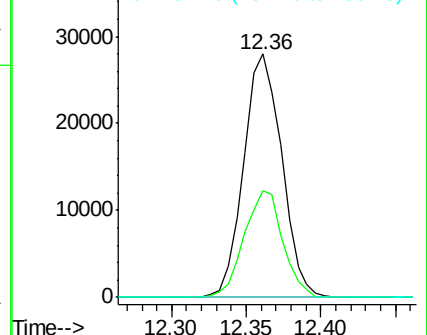
254 0.0 0.0 0.0



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: VD066518.D

Acq: 02 Sep 2020 12:43

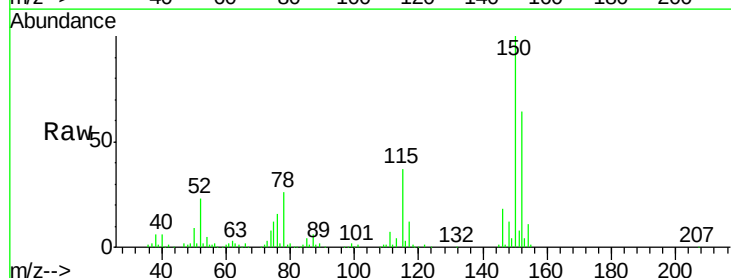
Tgt Ion:152 Resp: 111369

Ion Ratio Lower Upper

152 100

115 57.9 28.9 86.8

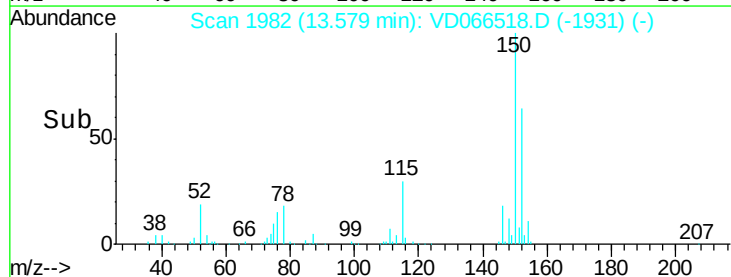
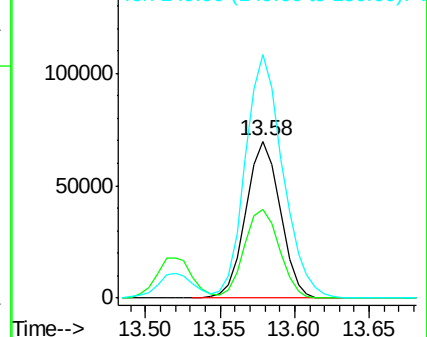
150 169.8 0.0 339.6

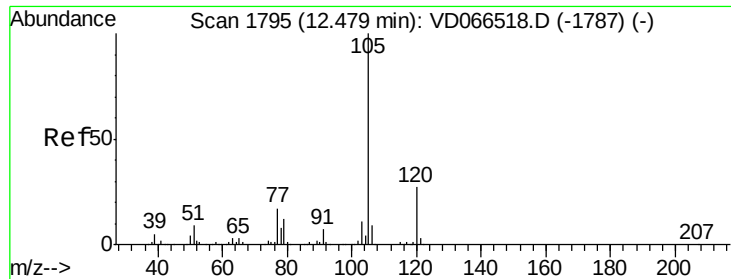


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

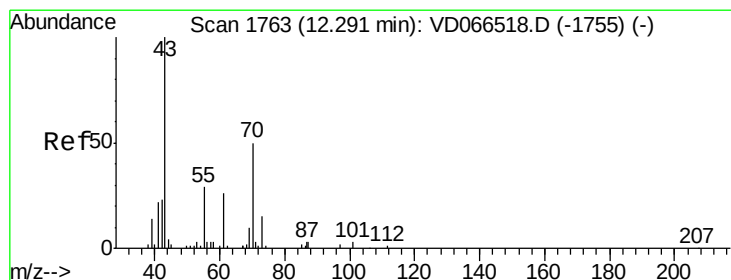
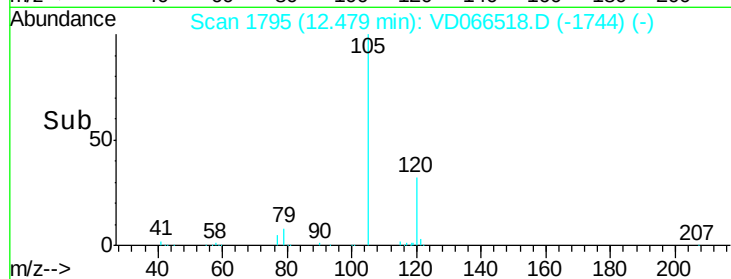
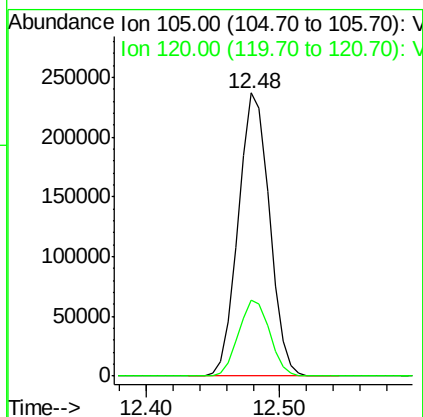
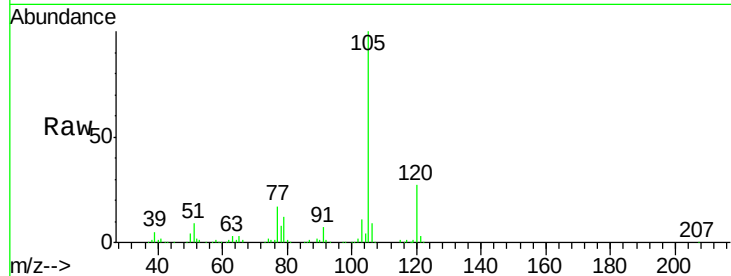




#73
Isopropylbenzene
Concen: 51.512 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

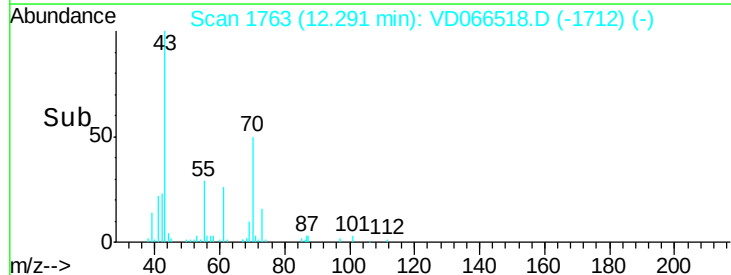
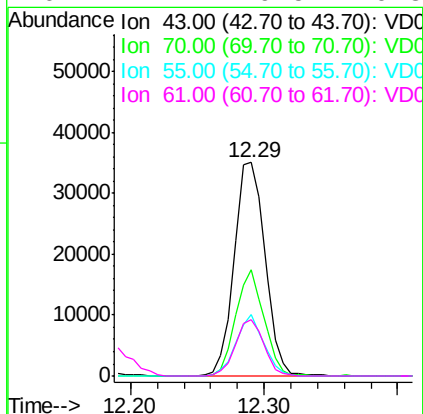
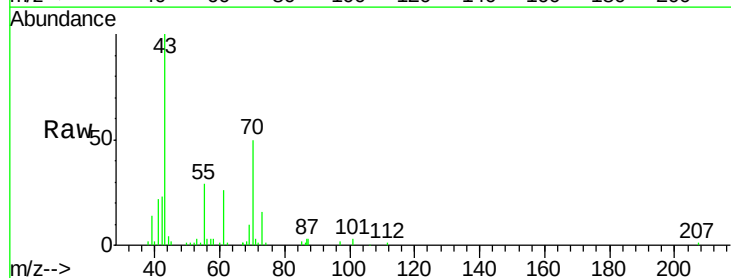
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

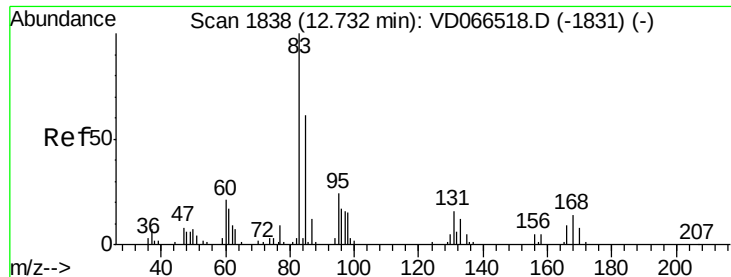
Tgt Ion: 105 Resp: 383337
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.5



#74
N-ethyl acetate
Concen: 50.423 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 43 Resp: 56579
Ion Ratio Lower Upper
43 100
70 45.2 36.2 54.2
55 25.7 20.6 30.8
61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.319 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

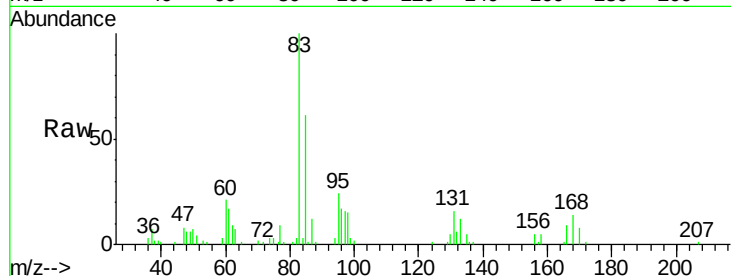
Tgt Ion: 83 Resp: 42490

Ion Ratio Lower Upper

83 100

131 16.6 8.3 24.9

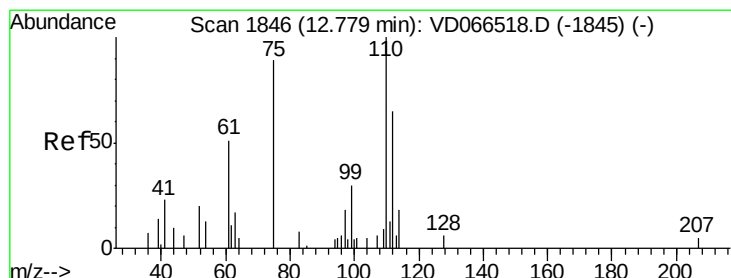
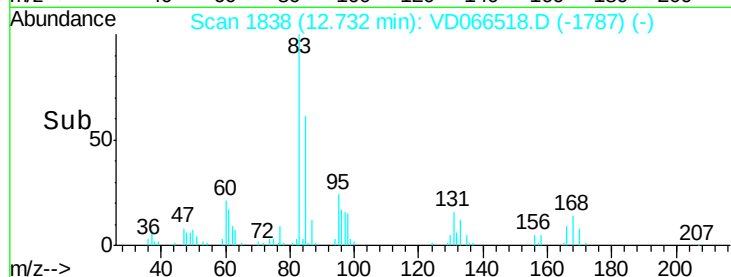
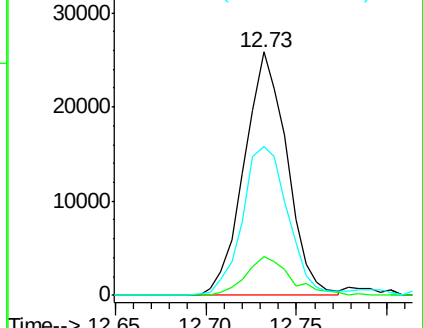
85 65.1 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 101.661 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. 0.00 min

Lab File: VD066518.D

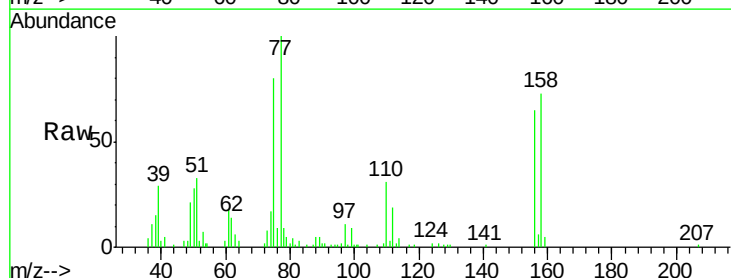
Acq: 02 Sep 2020 12:43

Tgt Ion: 75 Resp: 71510

Ion Ratio Lower Upper

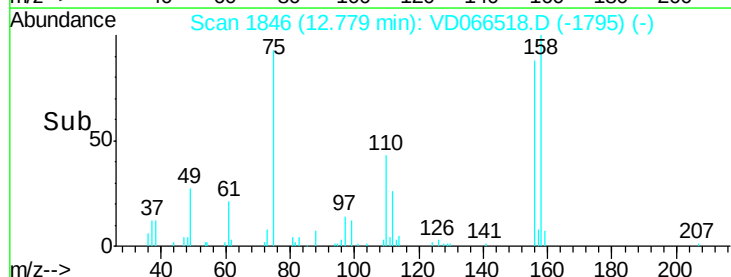
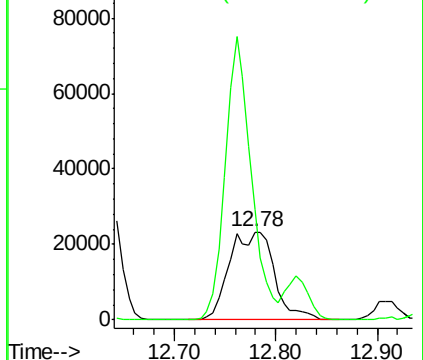
75 100

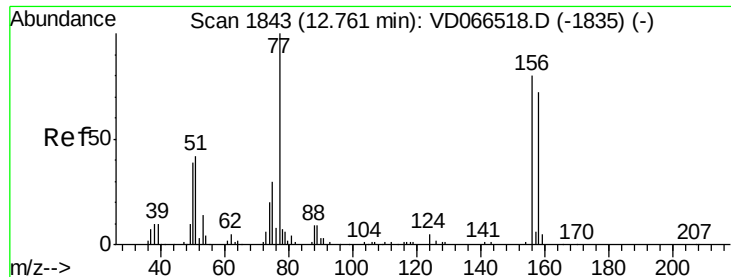
77 187.2 196.9 590.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.894 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

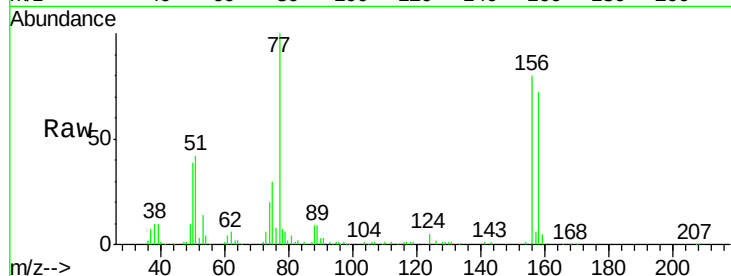
Tgt Ion:156 Resp: 94222

Ion Ratio Lower Upper

156 100

77 142.1 71.0 213.2

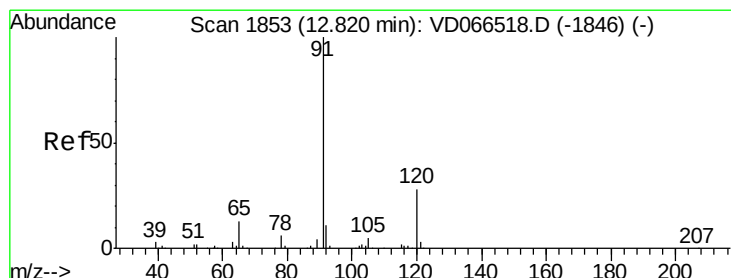
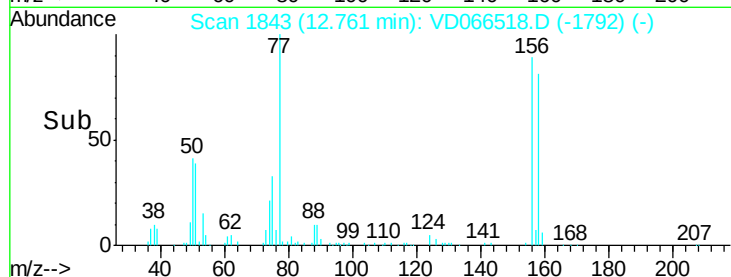
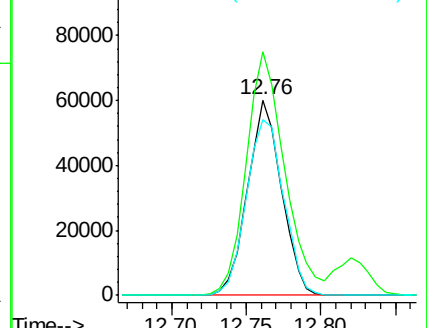
158 99.1 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.005 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066518.D

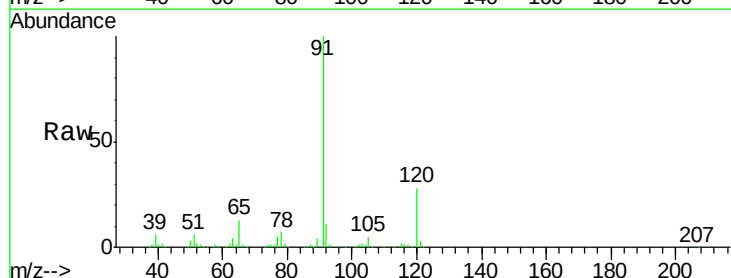
Acq: 02 Sep 2020 12:43

Tgt Ion: 91 Resp: 413611

Ion Ratio Lower Upper

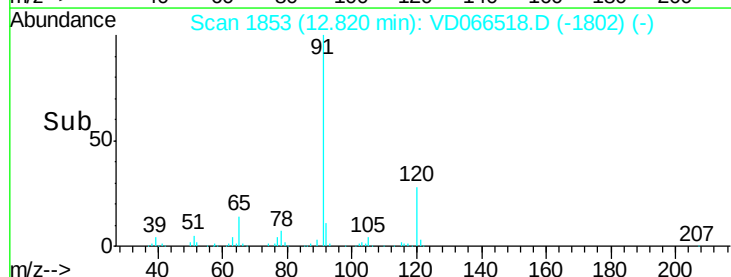
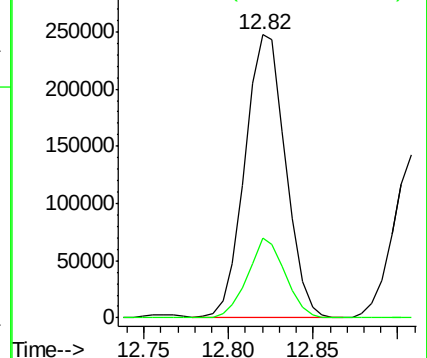
91 100

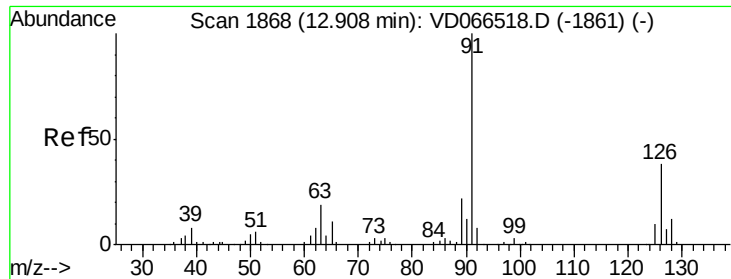
120 26.0 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

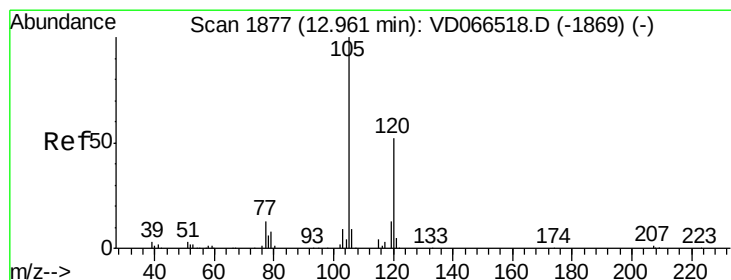
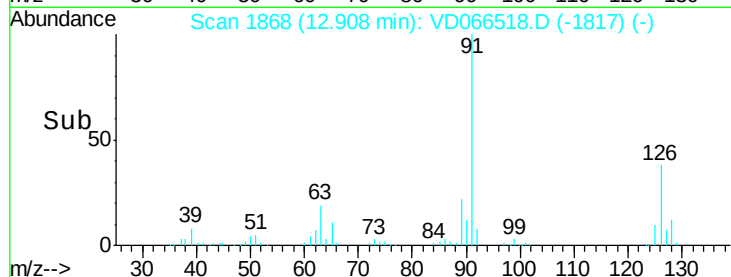
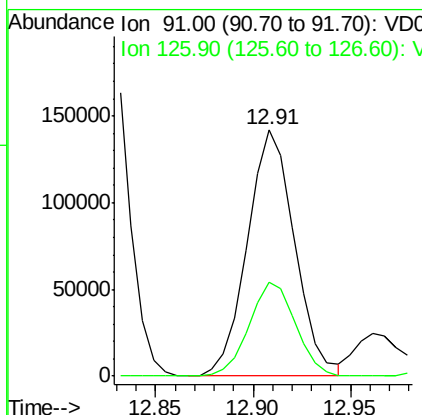
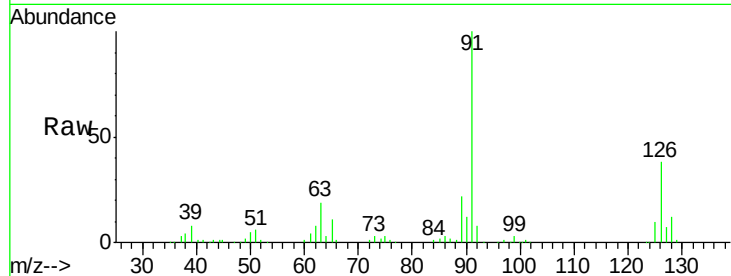




#79
 2-Chlorotoluene
 Concen: 50.778 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

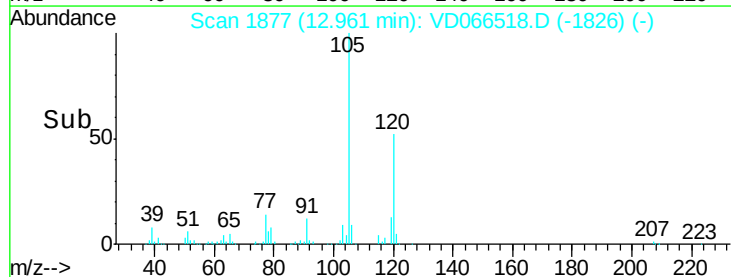
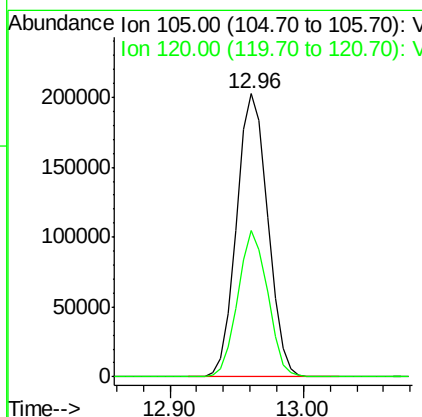
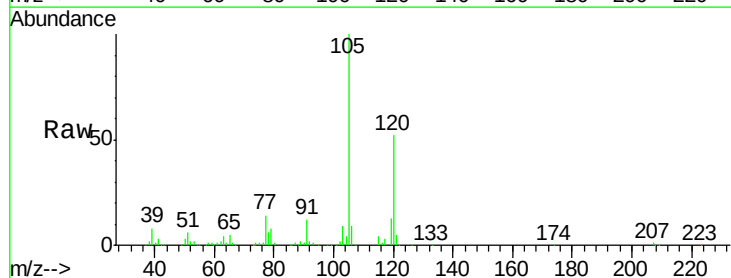
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

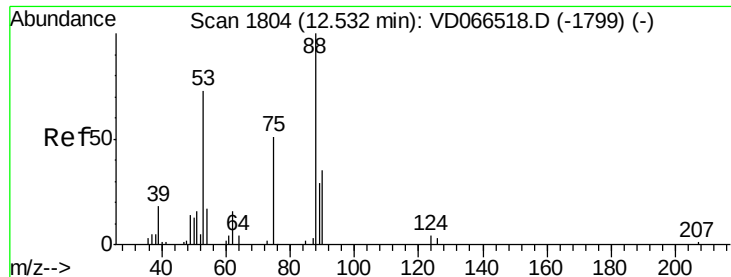
Tgt Ion: 91 Resp: 238252
 Ion Ratio Lower Upper
 91 100
 126 37.4 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.731 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion: 105 Resp: 328223
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 50.324 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

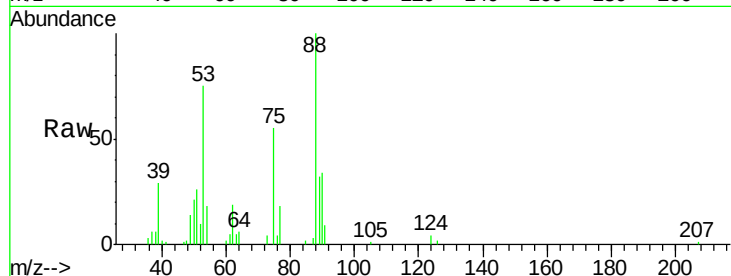
Tgt Ion: 75 Resp: 15832

Ion Ratio Lower Upper

75 100

53 127.3 101.8 152.8

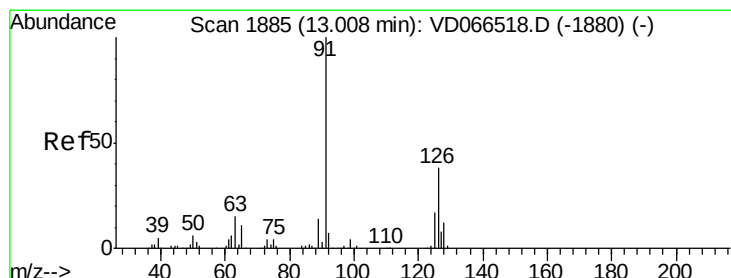
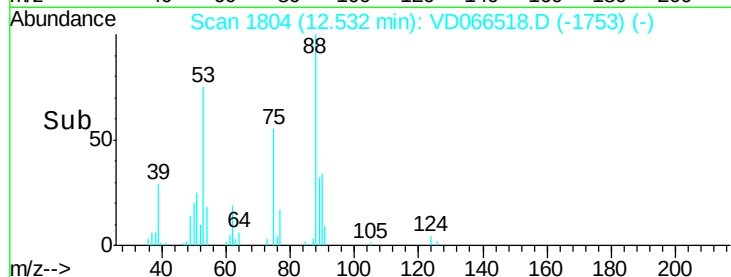
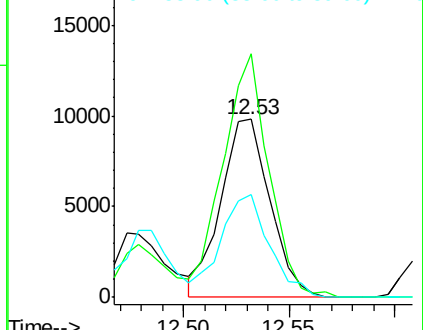
89 57.5 46.0 69.0



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: 50.313 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066518.D

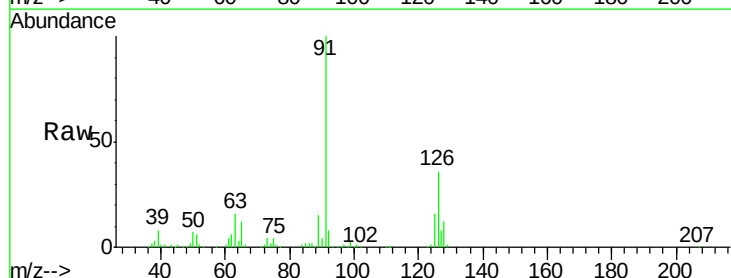
Acq: 02 Sep 2020 12:43

Tgt Ion: 91 Resp: 253564

Ion Ratio Lower Upper

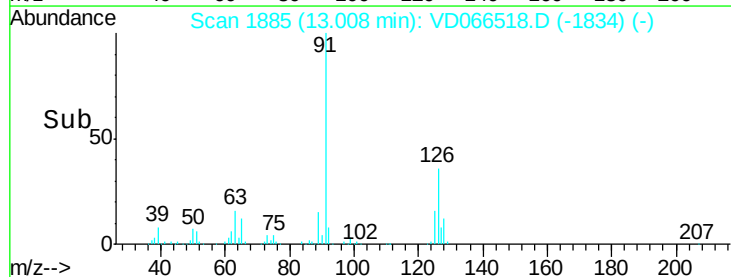
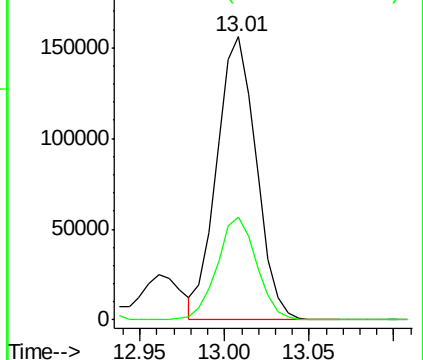
91 100

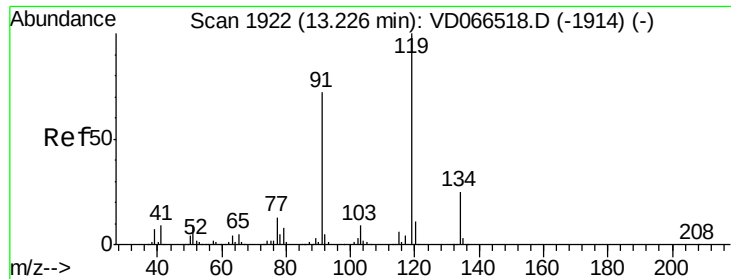
126 36.4 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

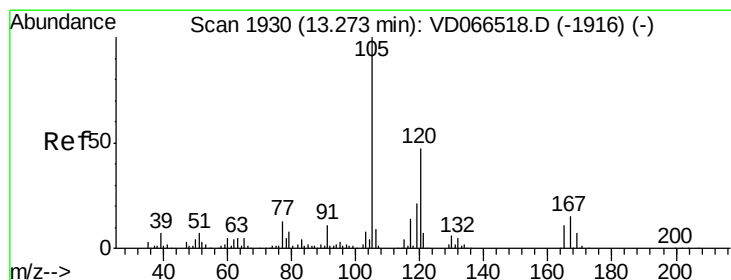
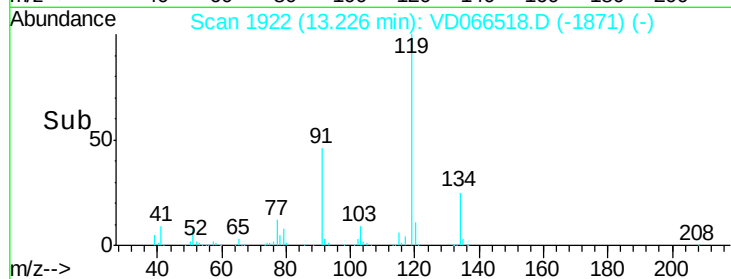
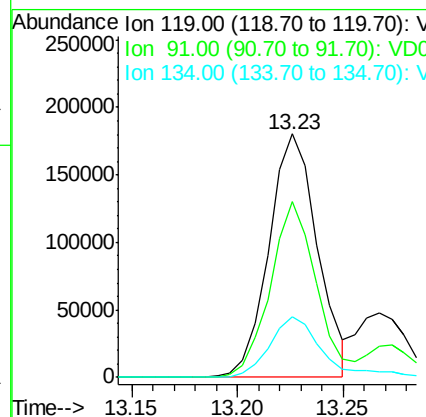
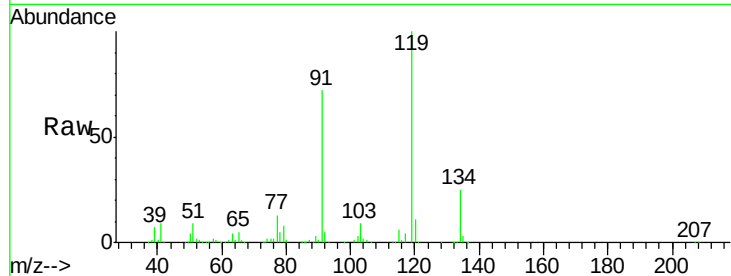




#83
 tert-Butylbenzene
 Concen: 50.827 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

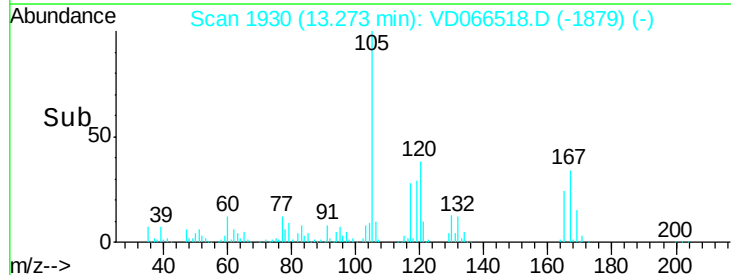
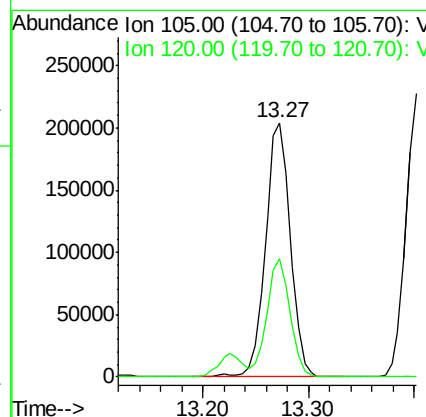
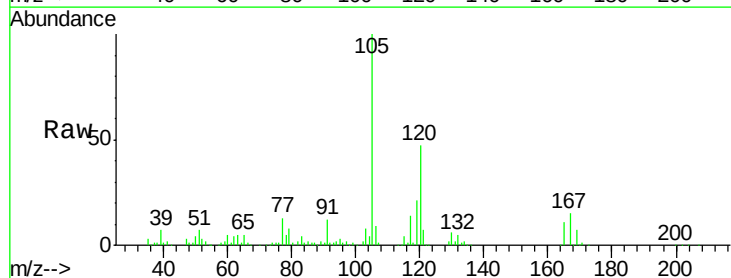
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

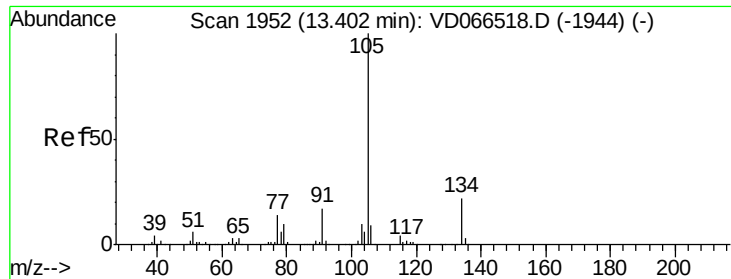
Tgt Ion:119 Resp: 288433
 Ion Ratio Lower Upper
 119 100
 91 68.8 34.4 103.2
 134 26.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.476 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion:105 Resp: 333095
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.7 65.1

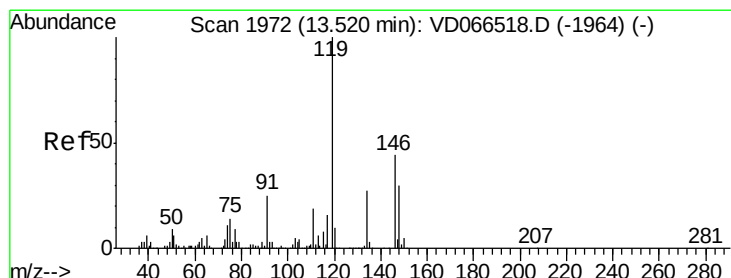
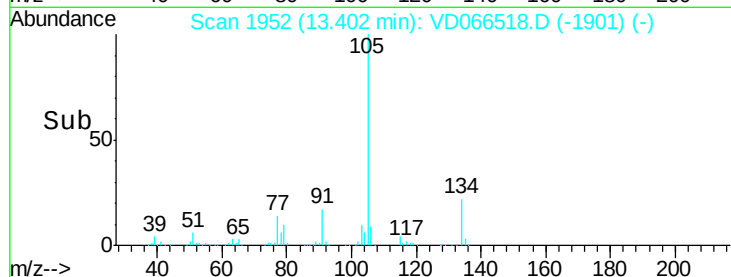
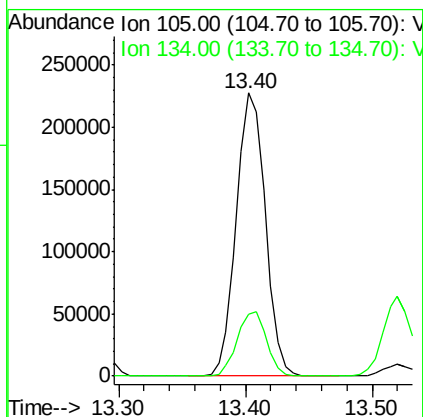
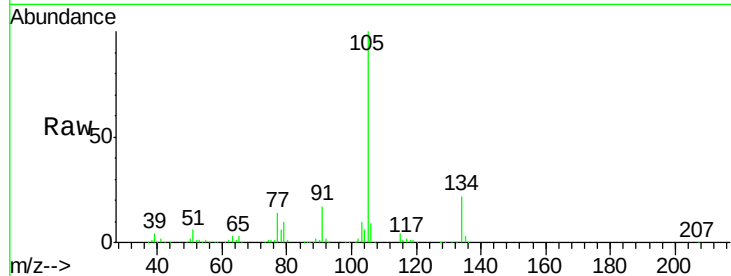




#85
 sec-Butylbenzene
 Concen: 50.244 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

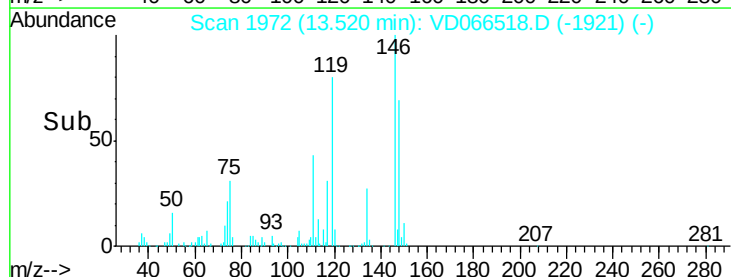
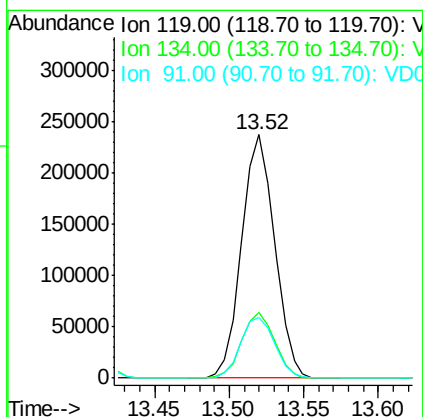
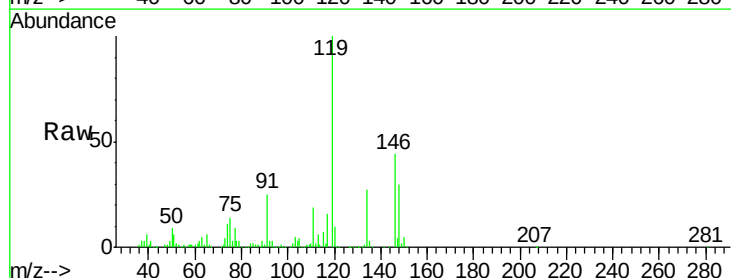
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

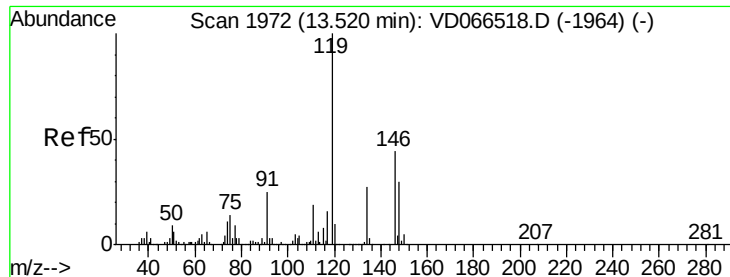
Tgt Ion:105 Resp: 361210
 Ion Ratio Lower Upper
 105 100
 134 22.9 11.5 34.4



#86
 p-Isopropyltoluene
 Concen: 50.435 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion:119 Resp: 362403
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 26.0 13.0 39.0

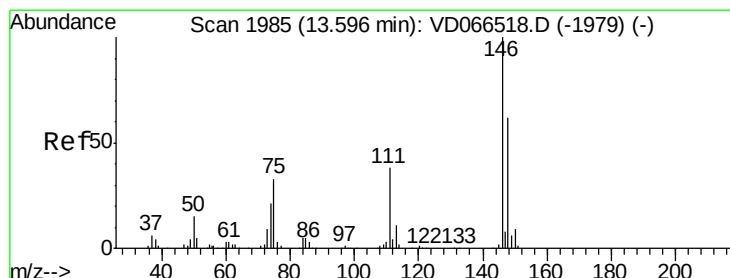
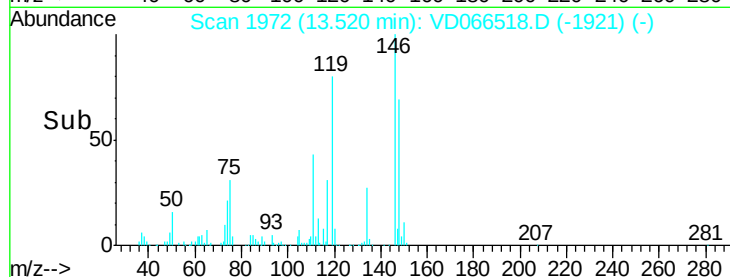
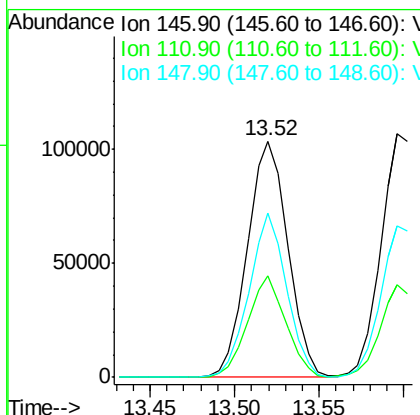
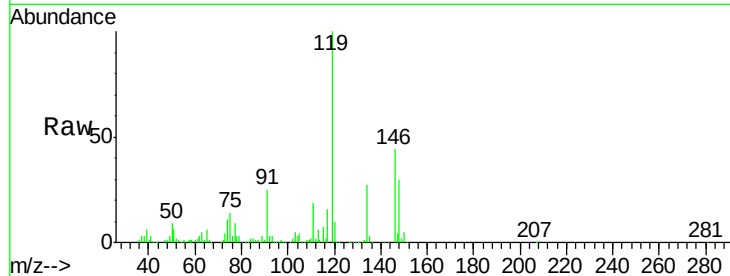




#87
 1,3-Dichlorobenzene
 Concen: 49.166 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

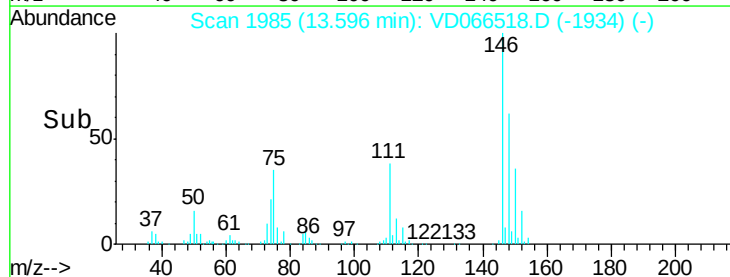
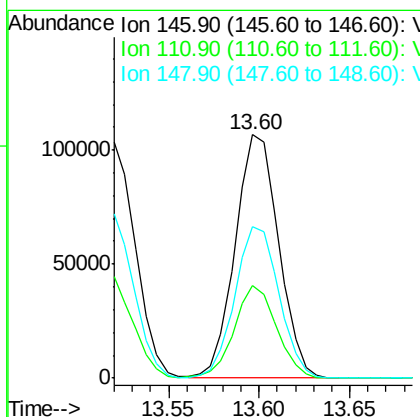
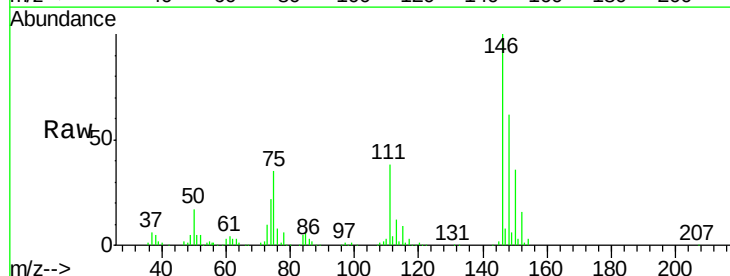
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

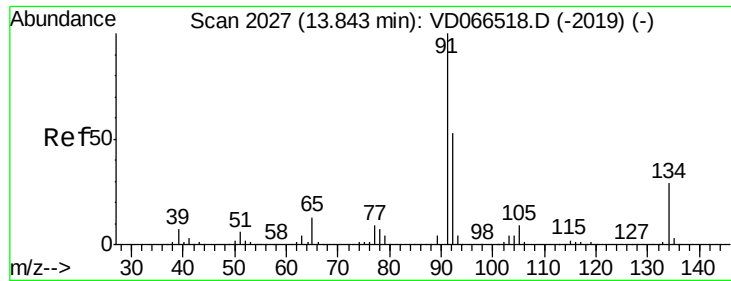
Tgt Ion:146 Resp: 172201
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 61.0
 148 64.6 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 50.421 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion:146 Resp: 178652
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.4
 148 63.0 31.5 94.5

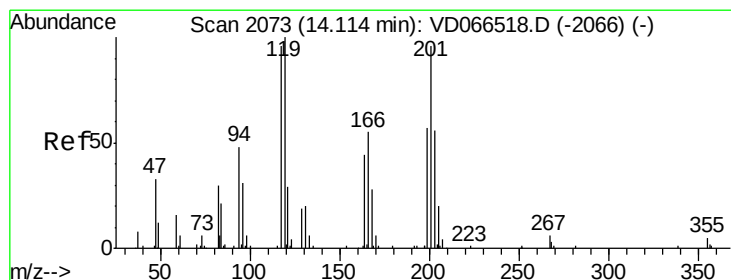
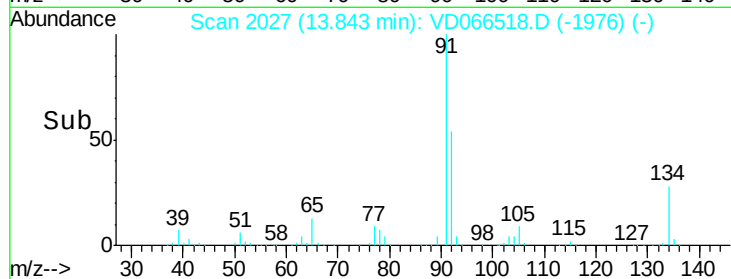
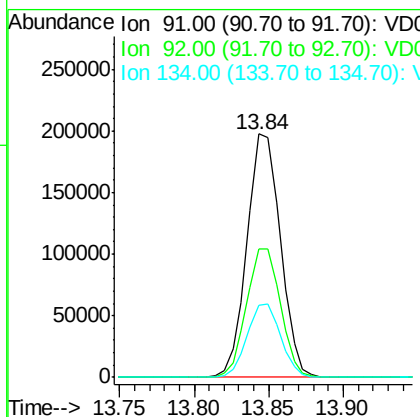
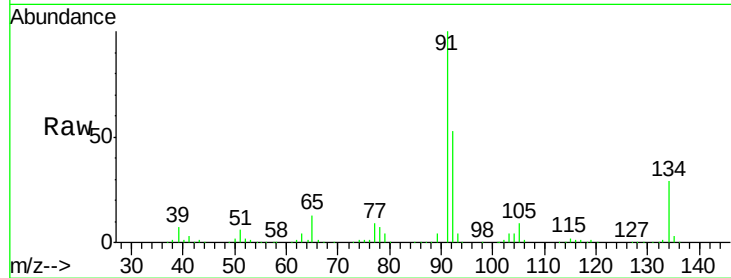




#89
n-Butylbenzene
Concen: 50.882 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

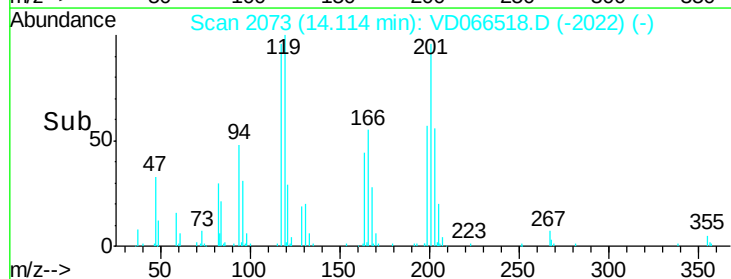
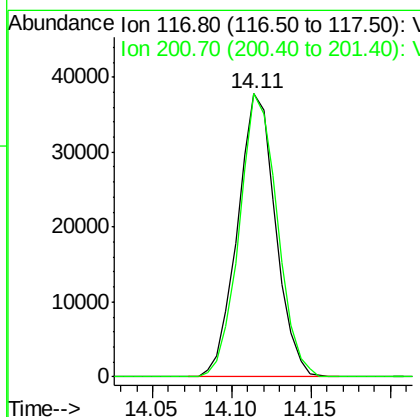
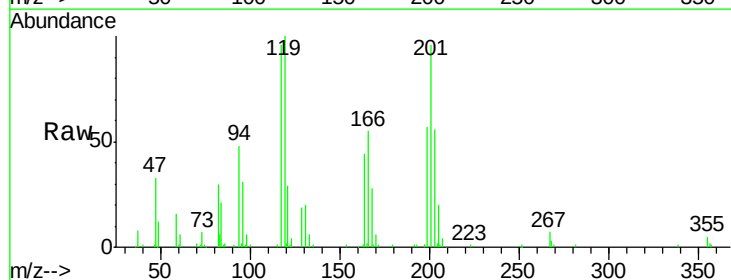
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

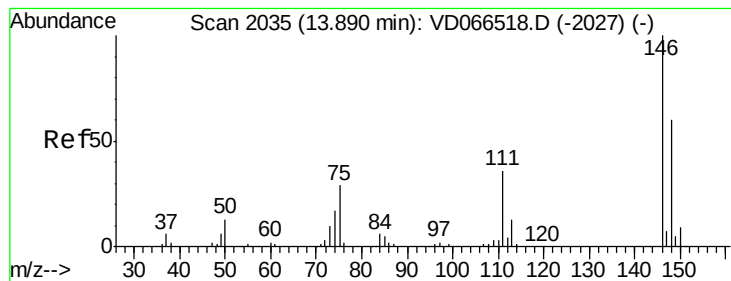
Tgt Ion: 91 Resp: 306243
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 30.1 15.0 45.1



#90
Hexachloroethane
Concen: 48.695 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 117 Resp: 62791
Ion Ratio Lower Upper
117 100
201 100.0 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 50.370 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

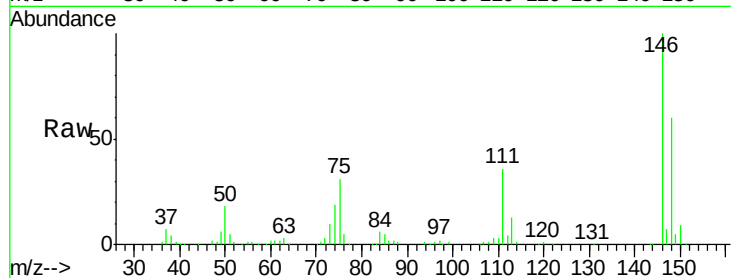
Tgt Ion: 146 Resp: 153449

Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

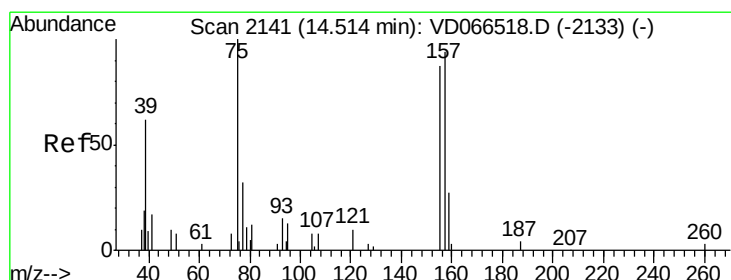
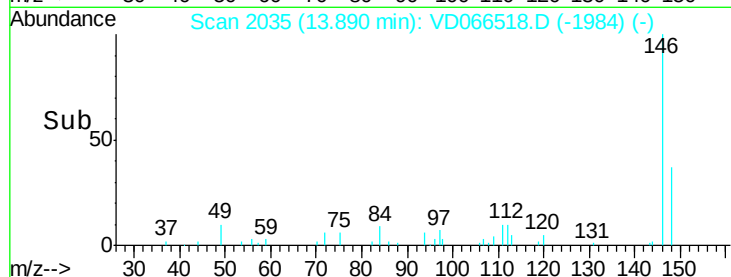
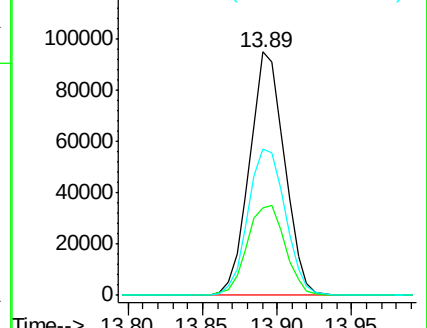
148 64.6 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.342 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

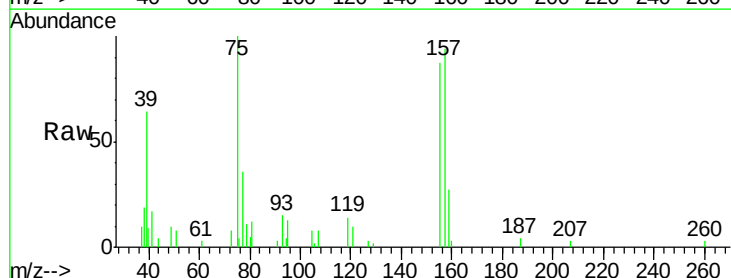
Tgt Ion: 75 Resp: 11475

Ion Ratio Lower Upper

75 100

155 81.7 40.8 122.5

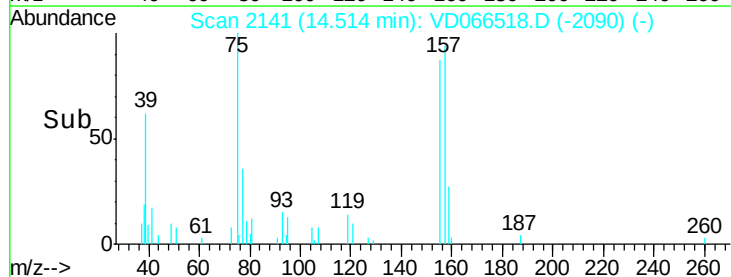
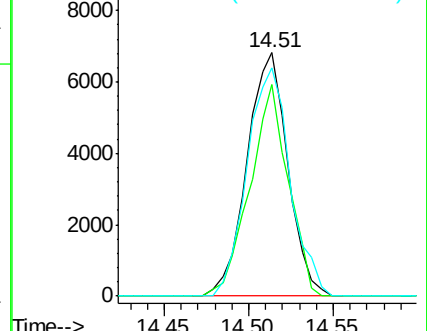
157 98.5 49.3 147.8

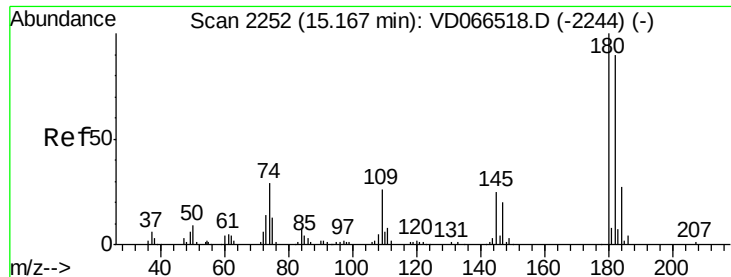


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

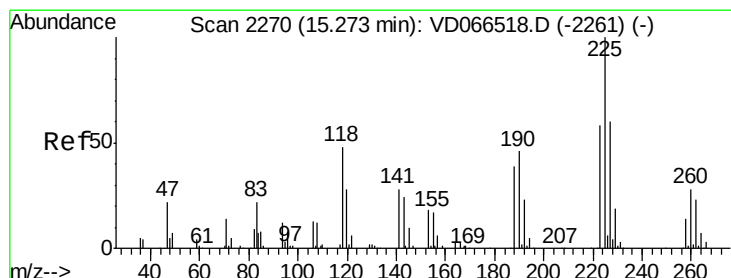
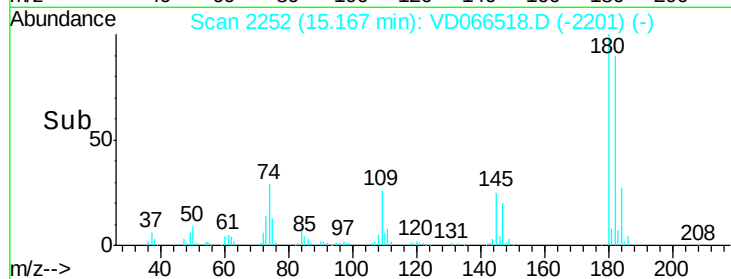
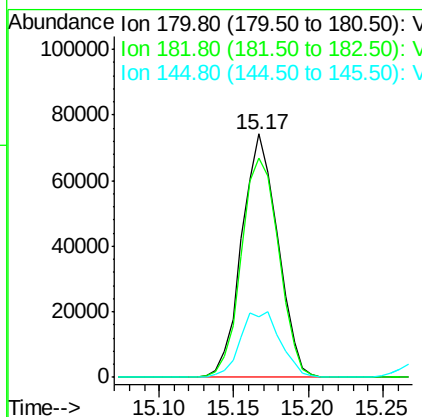
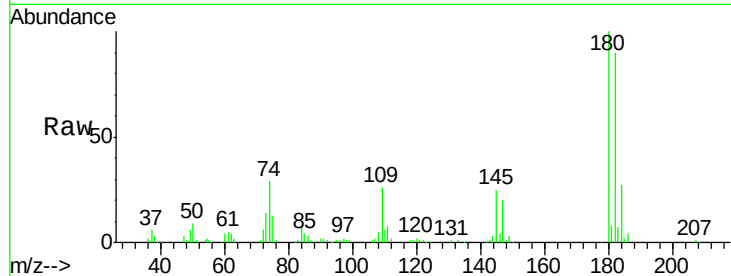




#93
 1,2,4-Trichlorobenzene
 Concen: 51.487 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

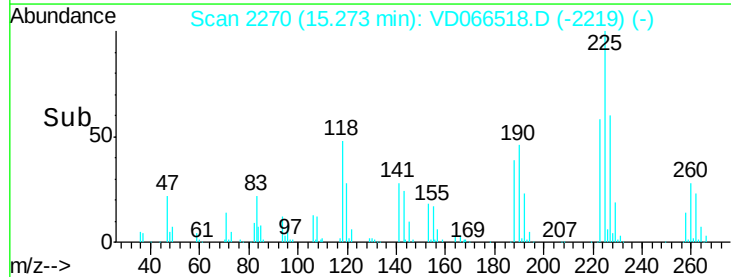
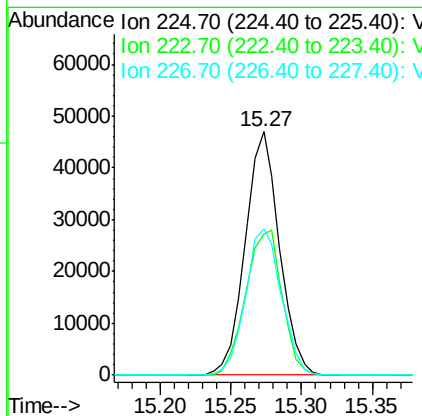
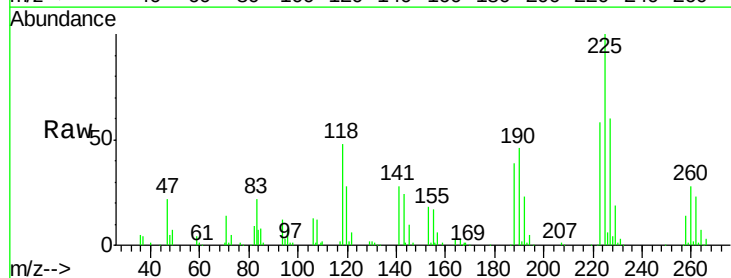
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

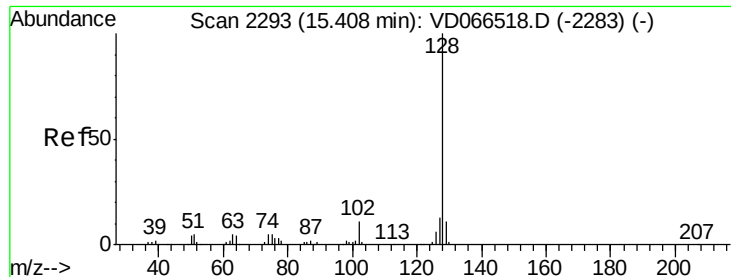
Tgt Ion:180 Resp: 123802
 Ion Ratio Lower Upper
 180 100
 182 93.7 46.9 140.6
 145 30.1 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 51.296 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion:225 Resp: 79957
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 94.7
 227 62.9 31.4 94.3

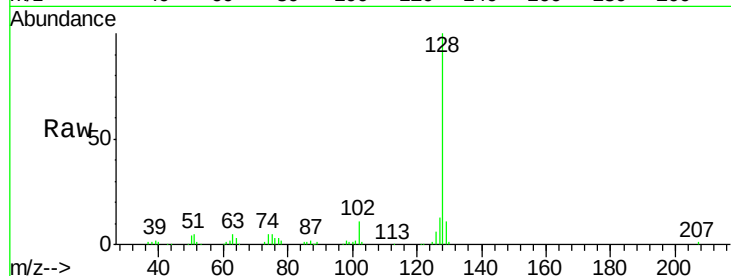




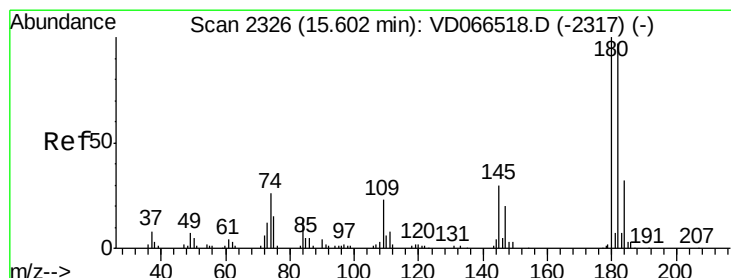
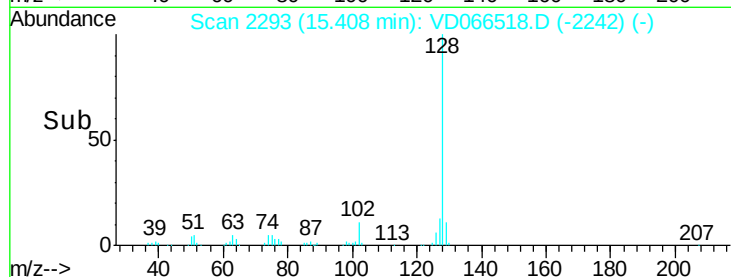
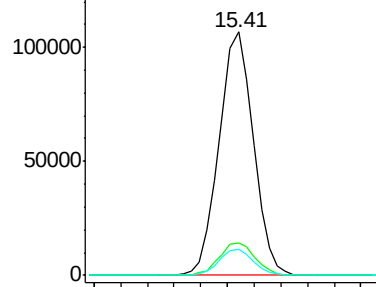
#95
Naphthalene
Concen: 50.728 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 189608
Ion Ratio Lower Upper
128 100
127 13.9 11.1 16.7
129 10.7 8.6 12.8

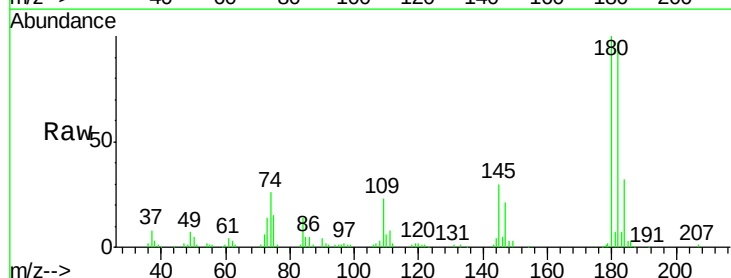


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.470 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion:180 Resp: 104862
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 32.4 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

