

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
 Data File : VD066182.D
 Acq On : 11 Aug 2020 12:56
 Operator : VA/SY
 Sample : VD0811SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

Quant Time: Aug 11 15:14:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	322859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	467094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	433781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	225289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	150240	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.91	113	154073	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.33	98	585990	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
62) 4-Bromofluorobenzene	12.63	95	205201	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	57812	20.324	ug/l	98
3) Chloromethane	2.21	50	42447	19.183	ug/l	91
4) Vinyl Chloride	2.34	62	38605	19.707	ug/l	97
5) Bromomethane	2.75	94	26784	20.608	ug/l	97
6) Chloroethane	2.91	64	24177	20.106	ug/l	91
7) Trichlorofluoromethane	3.27	101	93738	18.354	ug/l	92
8) Diethyl Ether	3.71	74	26571	18.438	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	57766	19.059	ug/l	97
10) Methyl Iodide	4.30	142	53105	23.373	ug/l	99
11) Tert butyl alcohol	5.20	59	27221	104.443	ug/l #	76
12) 1,1-Dichloroethene	4.07	96	52407	18.329	ug/l	97
13) Acrolein	3.91	56	18159	79.202	ug/l	96
14) Allyl chloride	4.71	41	79572	18.370	ug/l	98
15) Acrylonitrile	5.42	53	56415	92.902	ug/l	98
16) Acetone	4.16	43	49862	91.233	ug/l	98
17) Carbon Disulfide	4.40	76	167097	18.380	ug/l	98
18) Methyl Acetate	4.71	43	24517	17.661	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	115980	17.697	ug/l	96
20) Methylene Chloride	4.96	84	76087	21.591	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	59918	18.242	ug/l	93
22) Diisopropyl ether	6.36	45	160923	18.786	ug/l	98
23) Vinyl Acetate	6.30	43	459714	91.607	ug/l	96
24) 1,1-Dichloroethane	6.26	63	98958	18.667	ug/l	99
25) 2-Butanone	7.21	43	73303	91.190	ug/l	92
26) 2,2-Dichloropropane	7.20	77	90776	19.105	ug/l	97
27) cis-1,2-Dichloroethene	7.20	96	64563	18.740	ug/l	99
28) Bromochloromethane	7.54	49	42071	22.595	ug/l	95
29) Tetrahydrofuran	7.56	42	46424	93.214	ug/l	96
30) Chloroform	7.71	83	102074	18.337	ug/l	98
31) Cyclohexane	7.97	56	92802	18.390	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	97842	18.747	ug/l	98
36) 1,1-Dichloropropene	8.10	75	82256	18.740	ug/l	99
37) Ethyl Acetate	7.29	43	32282	18.563	ug/l	97
38) Carbon Tetrachloride	8.09	117	90724	18.535	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
 Data File : VD066182.D
 Acq On : 11 Aug 2020 12:56
 Operator : VA/SY
 Sample : VD0811SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0811SBS01

Quant Time: Aug 11 15:14:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	98187	18.505	ug/l	96
40) Benzene	8.34	78	226076	18.567	ug/l	98
41) Methacrylonitrile	7.52	41	18243	17.841	ug/l #	71
42) 1,2-Dichloroethane	8.42	62	67019	18.736	ug/l	99
43) Isopropyl Acetate	8.45	43	63310	18.476	ug/l	99
44) Trichloroethene	9.11	130	66236	18.052	ug/l	99
45) 1,2-Dichloropropane	9.38	63	56029	18.815	ug/l	96
46) Dibromomethane	9.47	93	31495	19.200	ug/l	97
47) Bromodichloromethane	9.66	83	80380	18.540	ug/l	100
48) Methyl methacrylate	9.46	41	32664	18.669	ug/l	98
49) 1,4-Dioxane	9.46	88	7003	332.301	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	158000	89.770	ug/l	99
52) Toluene	10.40	92	151324	18.887	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	77049	18.727	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	89572	18.582	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	43964	18.613	ug/l	92
56) Ethyl methacrylate	10.66	69	50953	17.957	ug/l	98
57) 1,3-Dichloropropane	10.94	76	72173	18.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	133743	104.787	ug/l	99
59) 2-Hexanone	10.98	43	106585	86.287	ug/l	99
60) Dibromochloromethane	11.14	129	59630	18.286	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41573	18.301	ug/l	99
64) Tetrachloroethene	10.87	164	60590	18.190	ug/l	96
65) Chlorobenzene	11.67	112	165738	18.821	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	62551	18.154	ug/l	98
67) Ethyl Benzene	11.74	91	288998	18.939	ug/l	97
68) m/p-Xylenes	11.86	106	224351	37.947	ug/l	99
69) o-Xylene	12.18	106	100933	18.767	ug/l	98
70) Styrene	12.20	104	177930	18.878	ug/l	99
71) Bromoform	12.36	173	35426	17.354	ug/l #	96
73) Isopropylbenzene	12.48	105	276786	18.405	ug/l	98
74) N-amyl acetate	12.29	43	60054	18.134	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	47056	18.350	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	61125	32.535	ug/l #	100
77) Bromobenzene	12.76	156	72965	18.848	ug/l	96
78) n-propylbenzene	12.82	91	328946	18.817	ug/l	99
79) 2-Chlorotoluene	12.91	91	185957	18.599	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	238789	18.986	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	15310	18.014	ug/l	97
82) 4-Chlorotoluene	13.01	91	199800	18.930	ug/l	100
83) tert-Butylbenzene	13.23	119	201093	18.181	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	239604	19.037	ug/l	99
85) sec-Butylbenzene	13.40	105	280650	18.794	ug/l	99
86) p-Isopropyltoluene	13.52	119	261532	18.673	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	132803	18.253	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	134106	18.482	ug/l	99
89) n-Butylbenzene	13.85	91	236753	18.867	ug/l	99
90) Hexachloroethane	14.11	117	51776	18.535	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	116486	18.103	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8452	19.177	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
Data File : VD066182.D
Acq On : 11 Aug 2020 12:56
Operator : VA/SY
Sample : VD0811SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

Quant Time: Aug 11 15:14:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

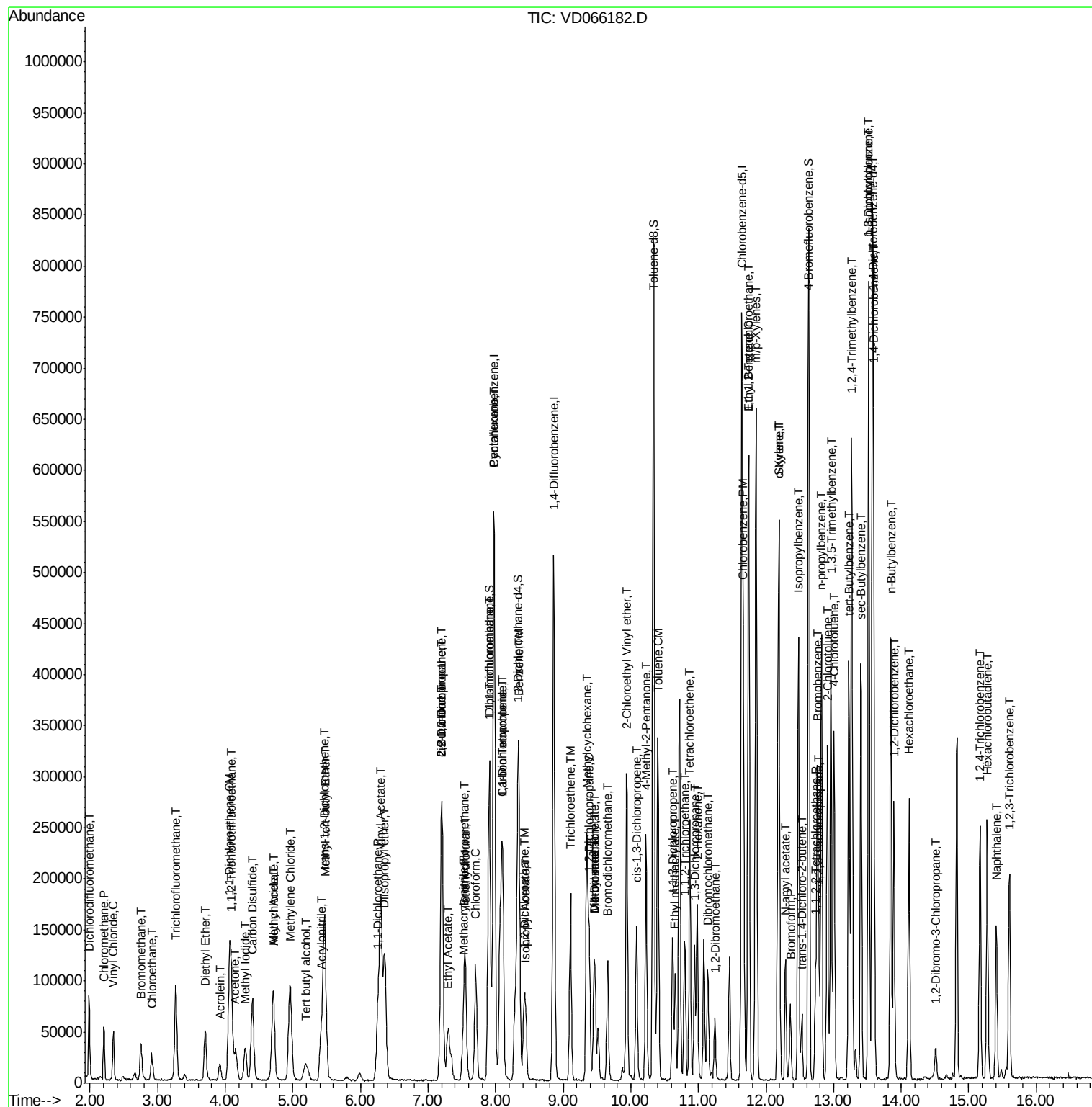
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	84011	17.717	ug/l	97
94) Hexachlorobutadiene	15.27	225	52039	18.637	ug/l	96
95) Naphthalene	15.41	128	136385	17.652	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	74305	17.751	ug/l	98

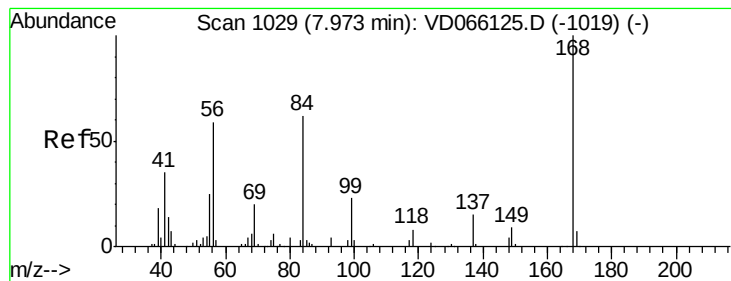
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
Data File : VD066182.D
Acq On : 11 Aug 2020 12:56
Operator : VA/SY
Sample : VD0811SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

Quant Time: Aug 11 15:14:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

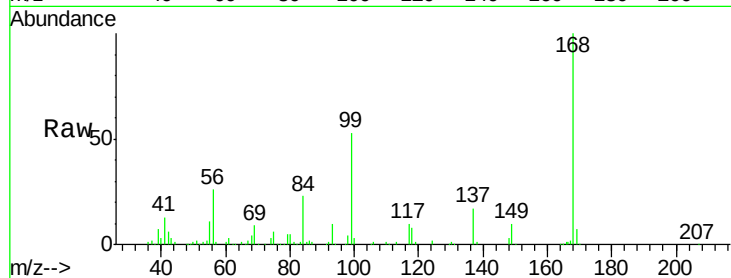
VD0811SBSD01

Tgt Ion:168 Resp: 322859

Ion Ratio Lower Upper

168 100

99 52.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

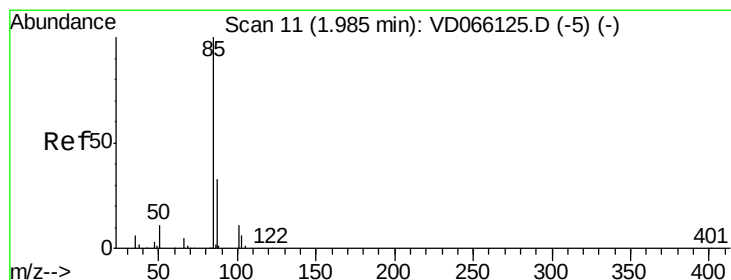
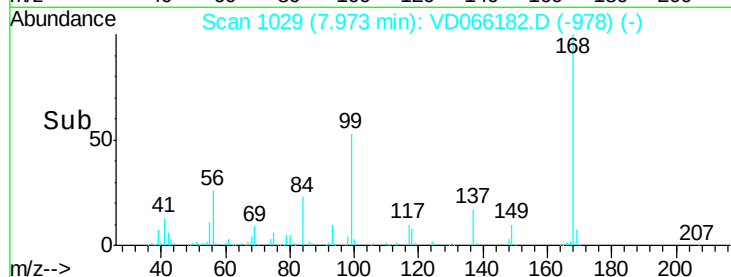
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.324 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066182.D

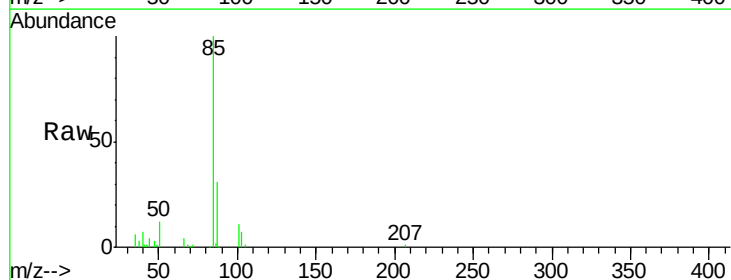
Acq: 11 Aug 2020 12:56

Tgt Ion: 85 Resp: 57812

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

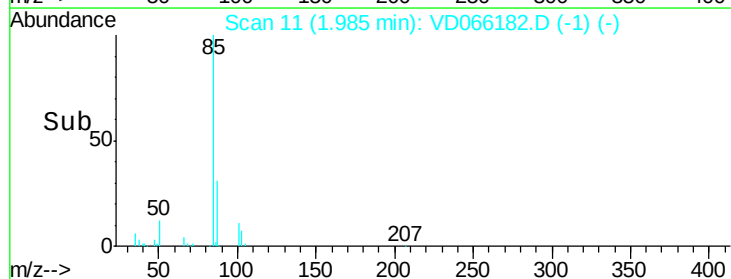
20000

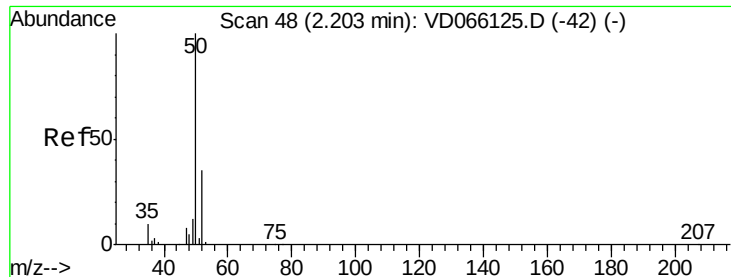
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.183 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

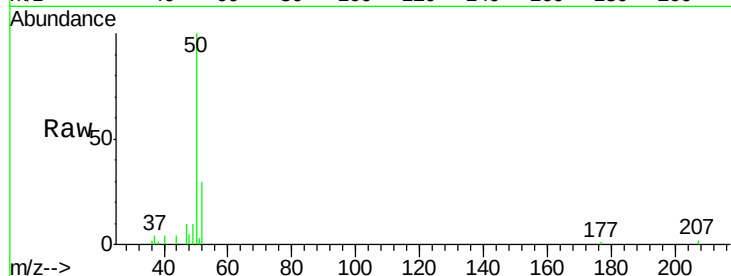
VD0811SBSD01

Tgt Ion: 50 Resp: 42447

Ion Ratio Lower Upper

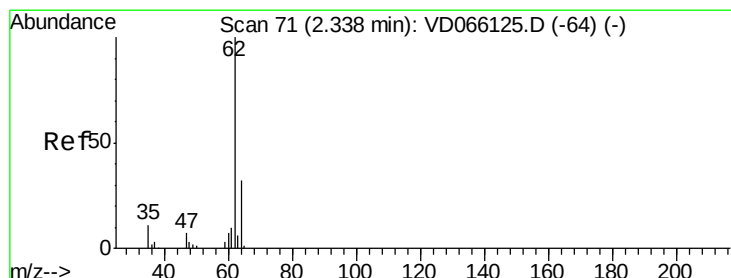
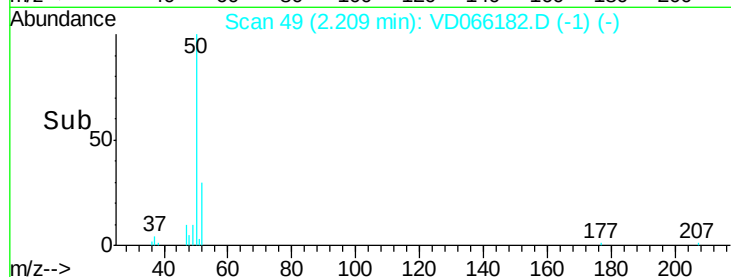
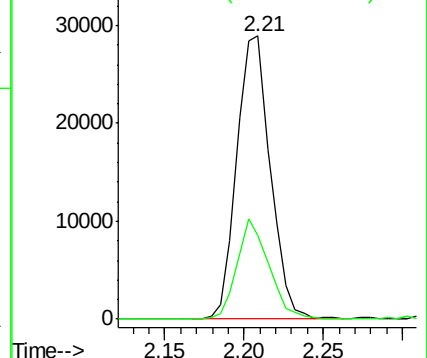
50 100

52 29.8 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.707 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066182.D

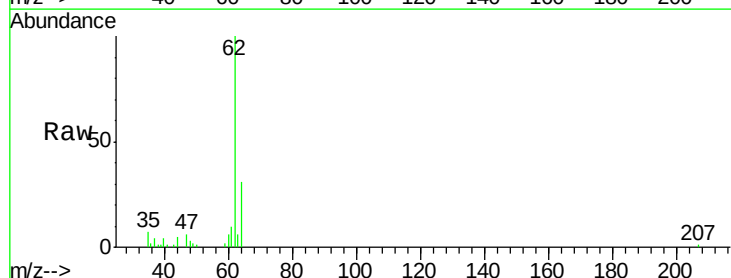
Acq: 11 Aug 2020 12:56

Tgt Ion: 62 Resp: 38605

Ion Ratio Lower Upper

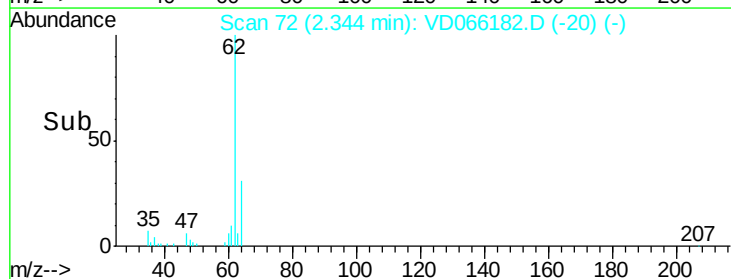
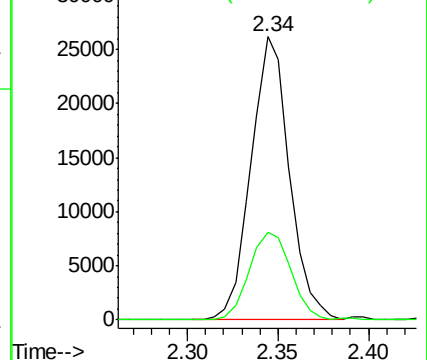
62 100

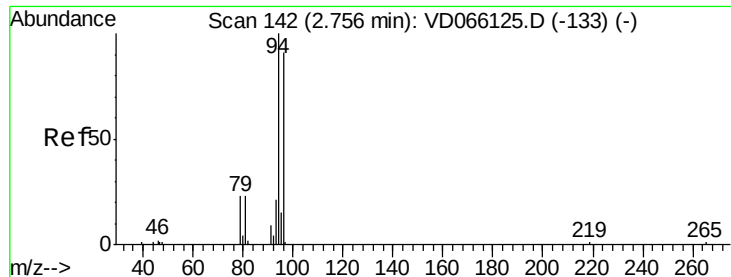
64 30.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.608 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

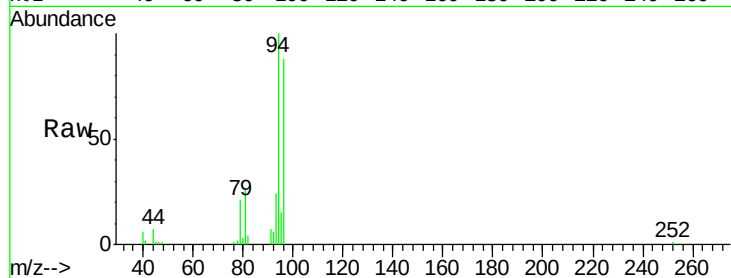
VD0811SBSD01

Tgt Ion: 94 Resp: 26784

Ion Ratio Lower Upper

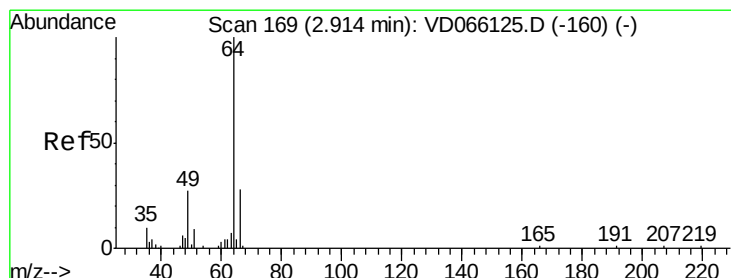
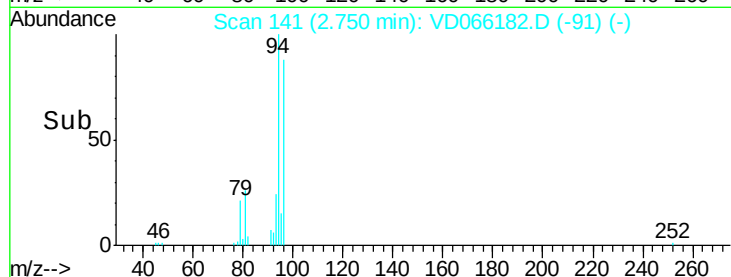
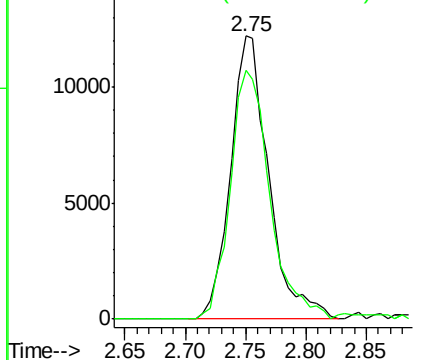
94 100

96 87.7 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.106 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066182.D

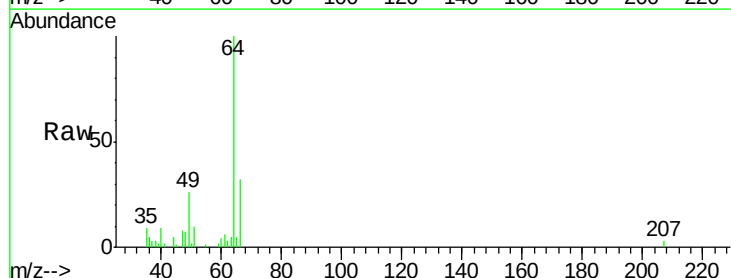
Acq: 11 Aug 2020 12:56

Tgt Ion: 64 Resp: 24177

Ion Ratio Lower Upper

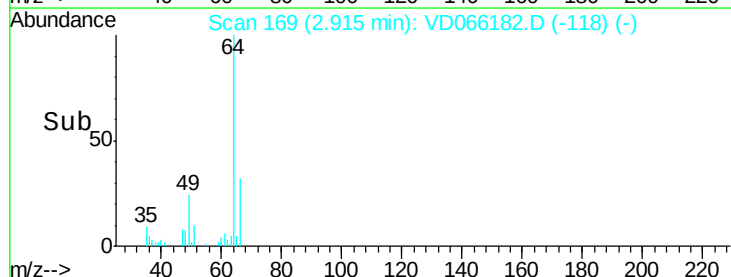
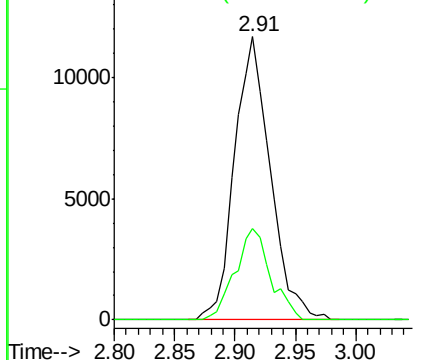
64 100

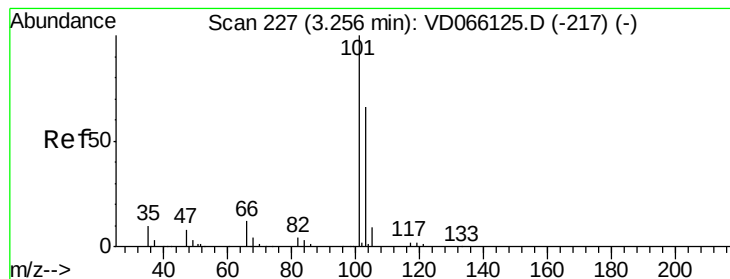
66 32.3 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



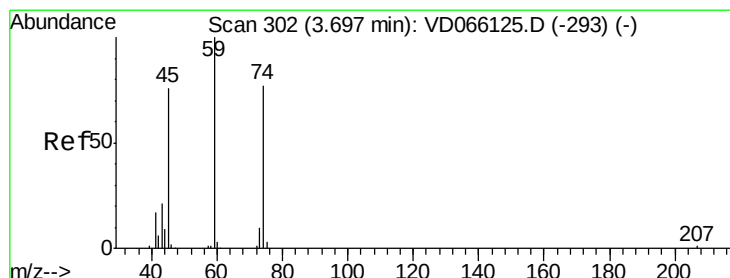
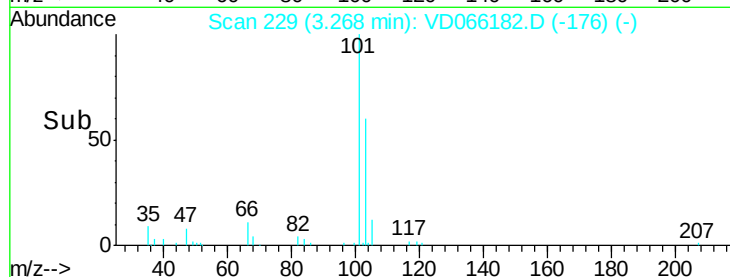
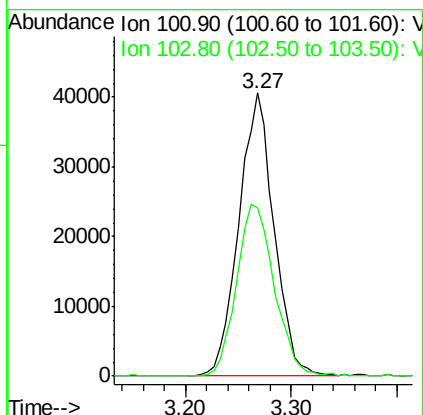
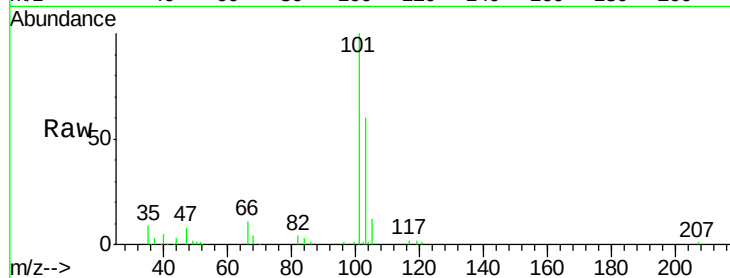


#7

Trichlorofluoromethane
 Concen: 18.354 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

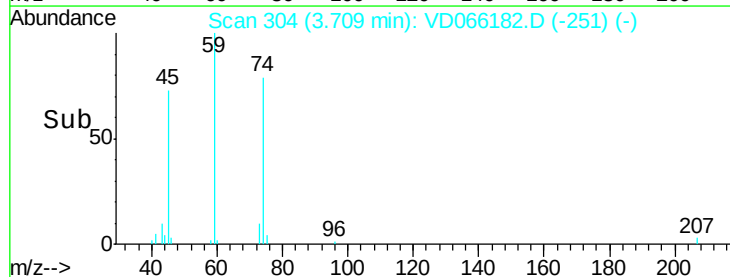
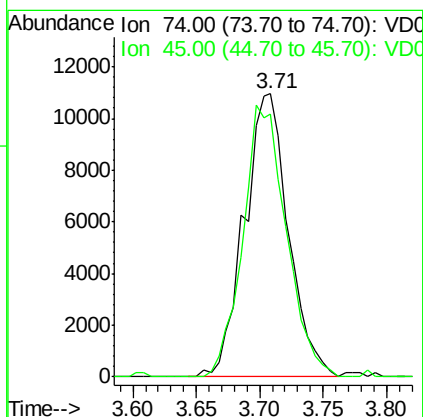
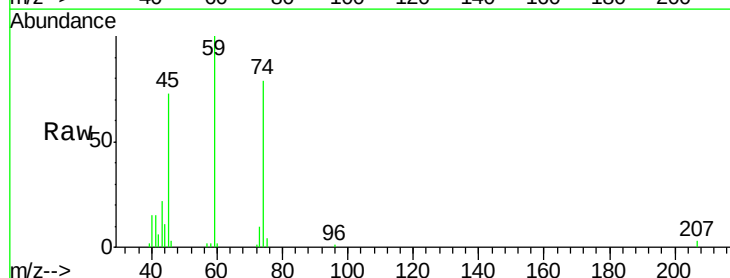
Tgt Ion:101 Resp: 93738
 Ion Ratio Lower Upper
 101 100
 103 59.6 53.0 79.6

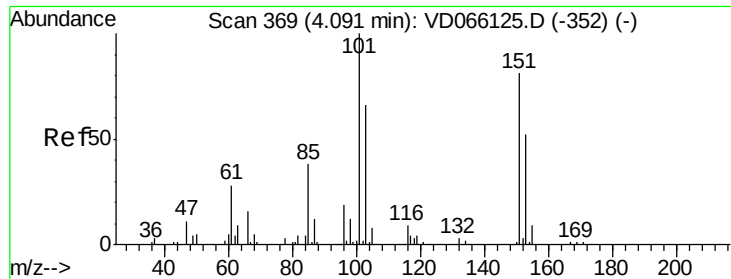


#8

Diethyl Ether
 Concen: 18.438 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion: 74 Resp: 26571
 Ion Ratio Lower Upper
 74 100
 45 94.4 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.059 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBSD01

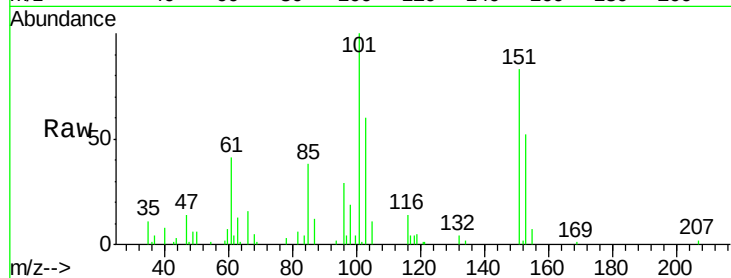
Tgt Ion:101 Resp: 57766

Ion Ratio Lower Upper

101 100

85 41.8 33.5 50.3

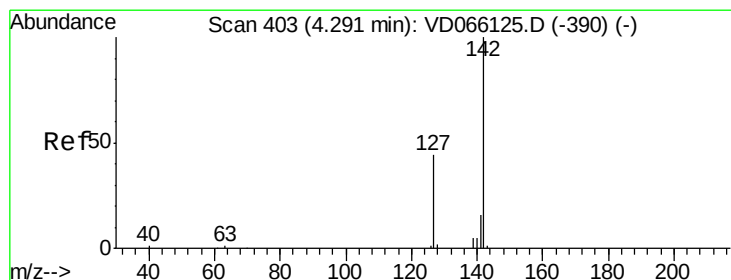
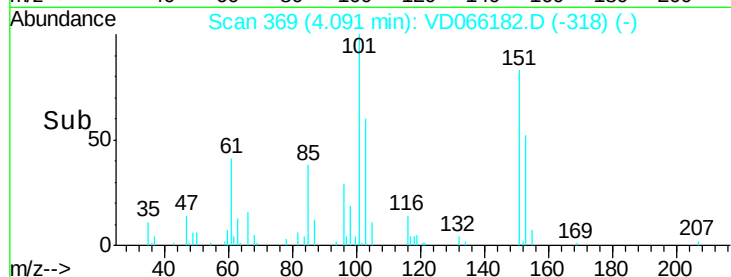
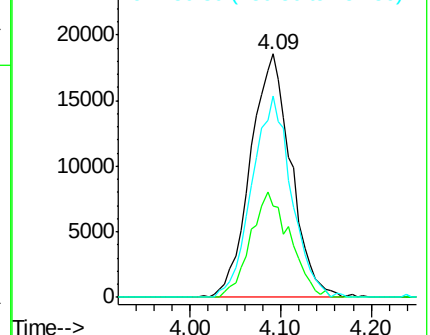
151 80.7 67.8 101.8



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: 23.373 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

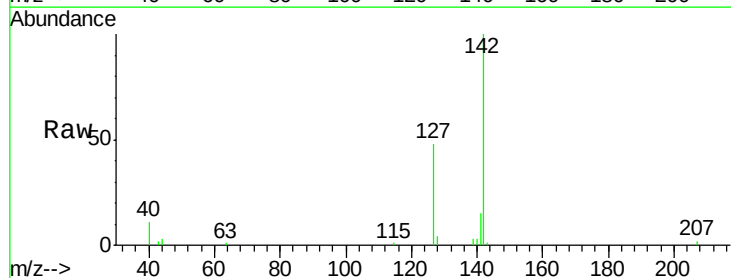
Tgt Ion:142 Resp: 53105

Ion Ratio Lower Upper

142 100

127 45.9 36.2 54.4

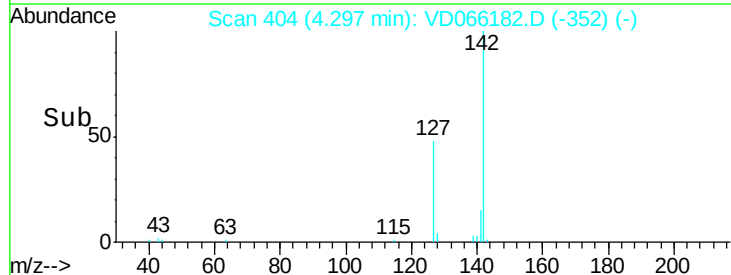
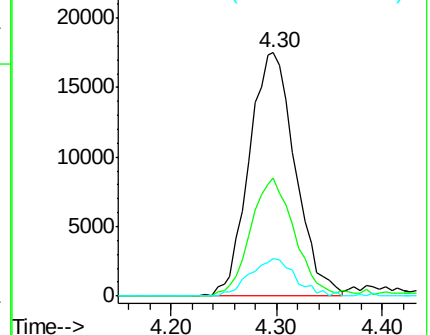
141 15.2 12.6 18.8

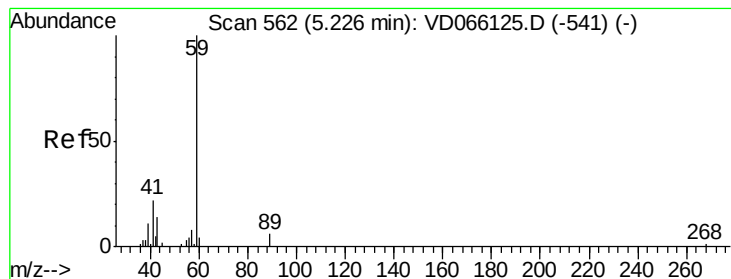


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



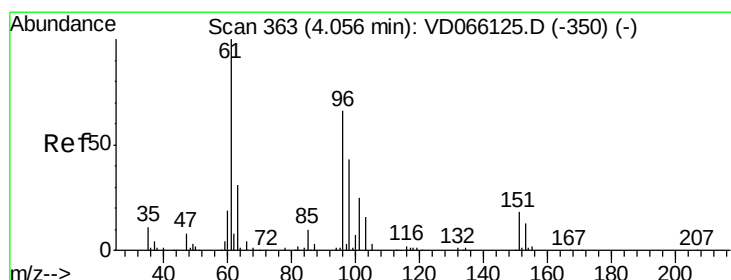
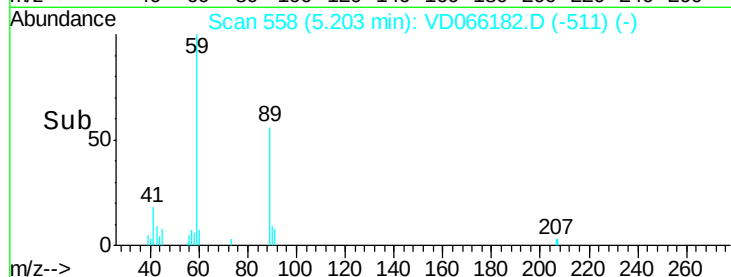
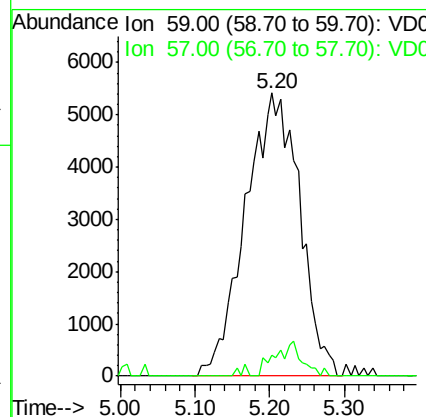
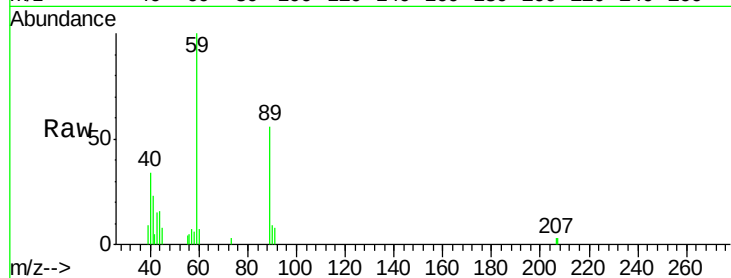


#11

Tert butyl alcohol
 Concen: 104.443 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

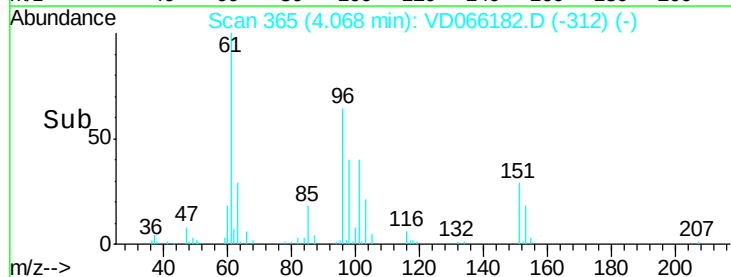
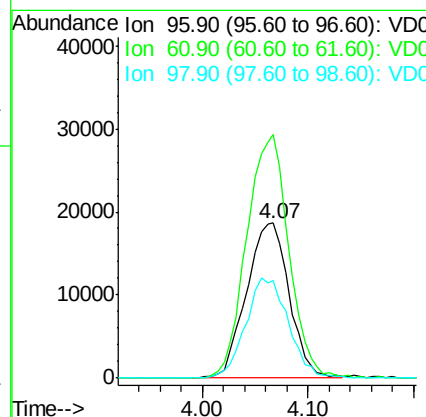
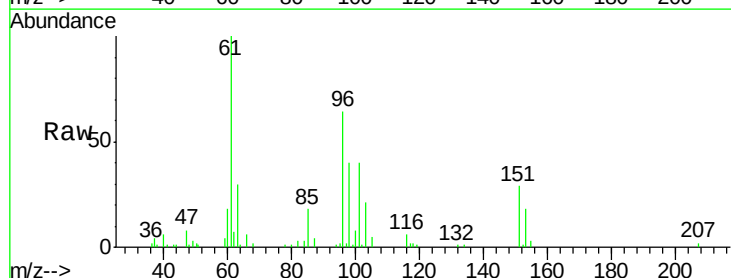
Tgt Ion: 59 Resp: 27221
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#

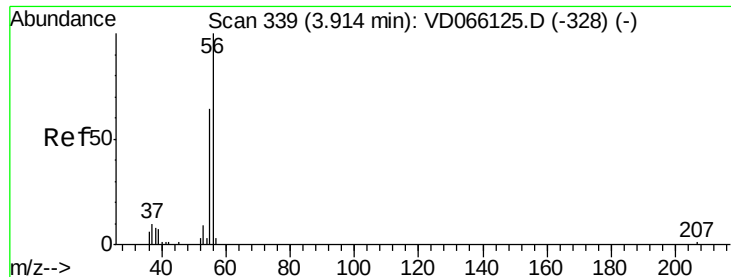


#12

1,1-Dichloroethene
 Concen: 18.329 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion: 96 Resp: 52407
 Ion Ratio Lower Upper
 96 100
 61 157.1 121.6 182.4
 98 63.2 52.0 78.0





#13

Acrolein

Concen: 79.202 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

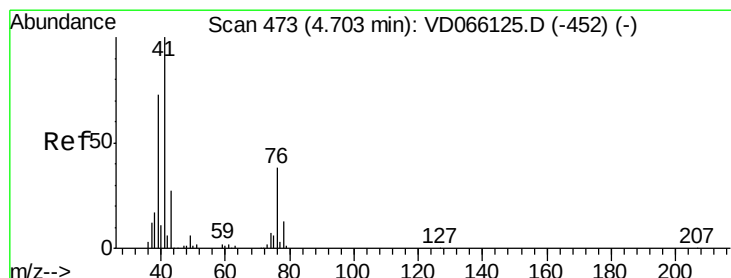
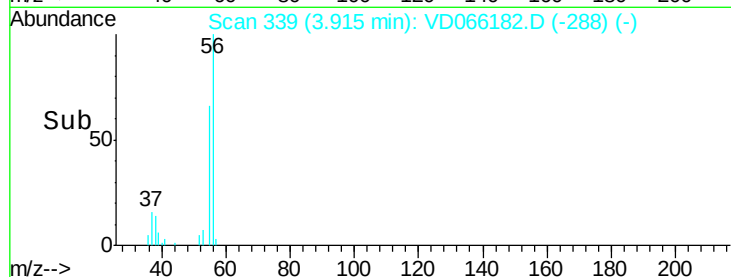
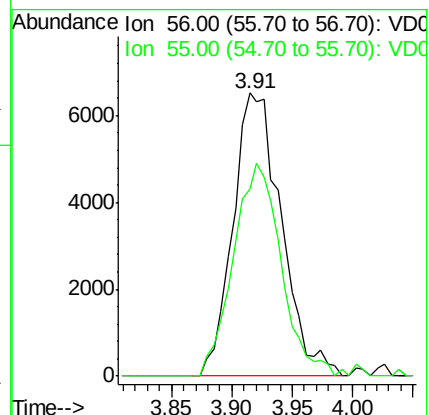
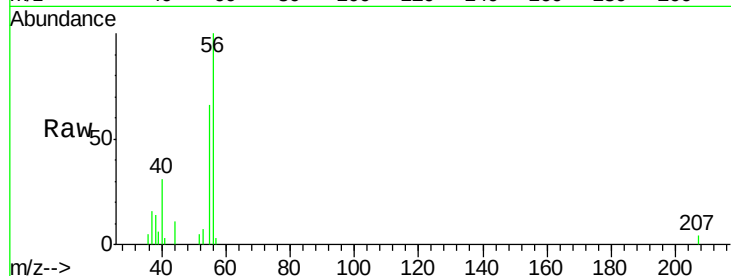
VD0811SBSD01

Tgt Ion: 56 Resp: 18159

Ion Ratio Lower Upper

56 100

55 74.1 56.7 85.1



#14

Allyl chloride

Concen: 18.370 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

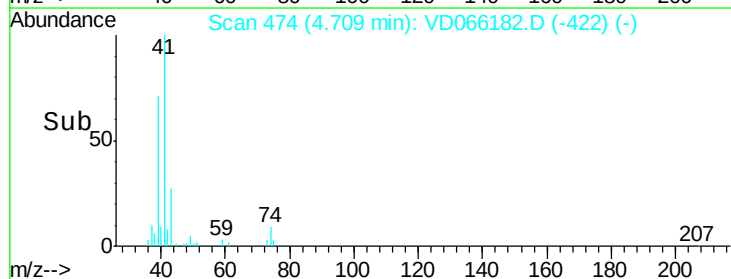
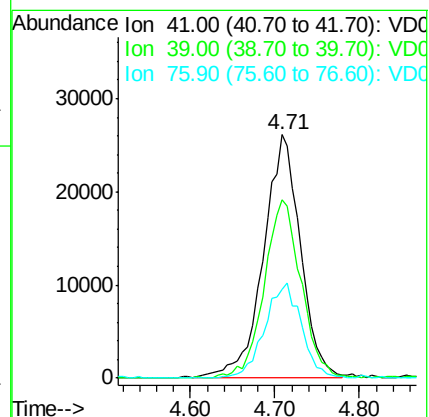
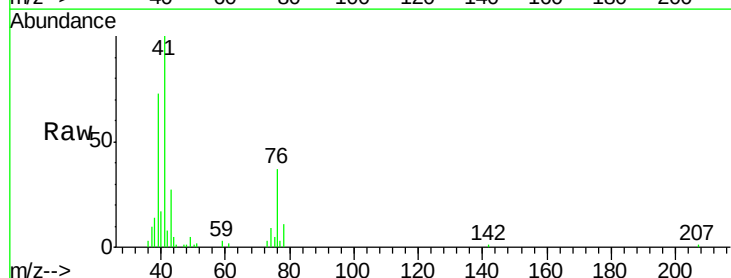
Tgt Ion: 41 Resp: 79572

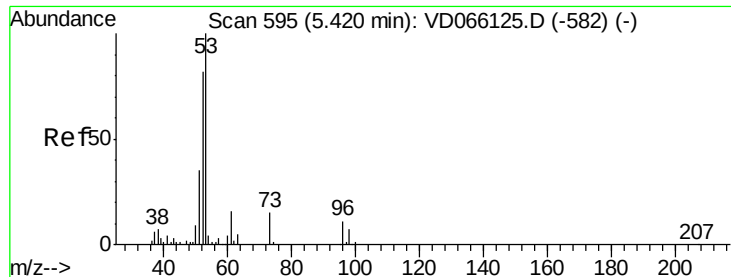
Ion Ratio Lower Upper

41 100

39 73.1 57.4 86.0

76 38.6 30.1 45.1





#15

Acrylonitrile

Concen: 92.902 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBSD01

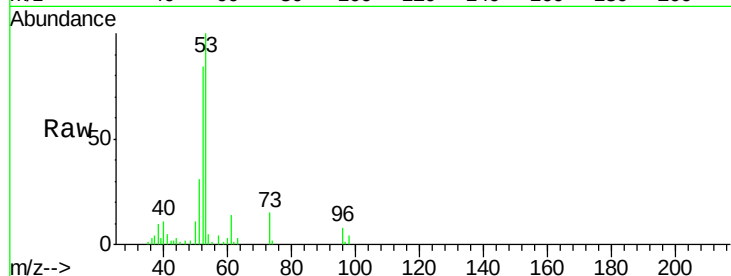
Tgt Ion: 53 Resp: 56415

Ion Ratio Lower Upper

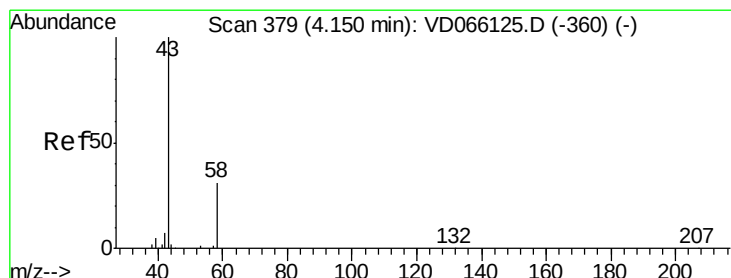
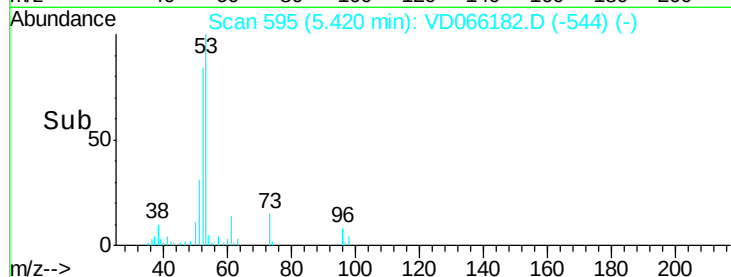
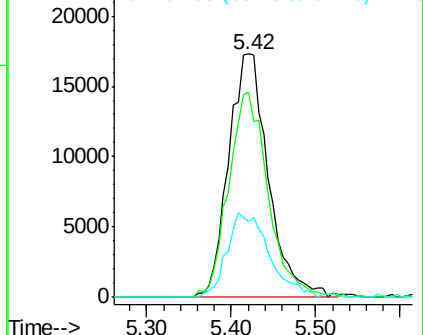
53 100

52 83.7 66.1 99.1

51 36.8 30.8 46.2



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: 91.233 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066182.D

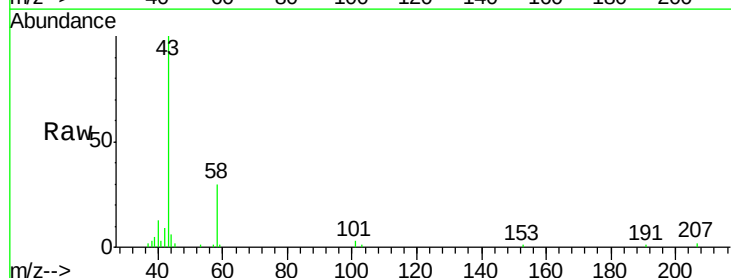
Acq: 11 Aug 2020 12:56

Tgt Ion: 43 Resp: 49862

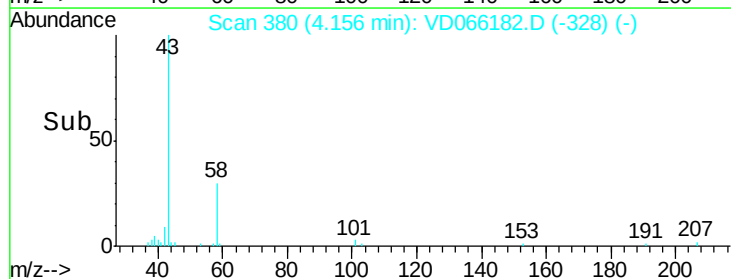
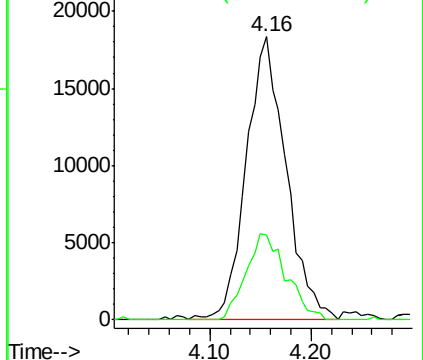
Ion Ratio Lower Upper

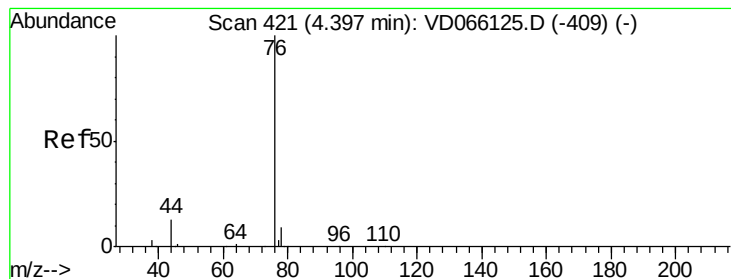
43 100

58 30.0 24.7 37.1



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





#17

Carbon Disulfide

Concen: 18.380 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

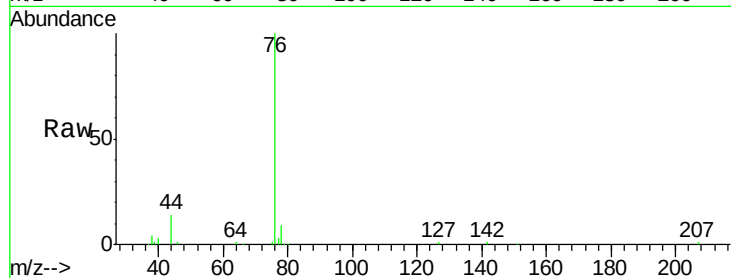
VD0811SBSD01

Tgt Ion: 76 Resp: 167097

Ion Ratio Lower Upper

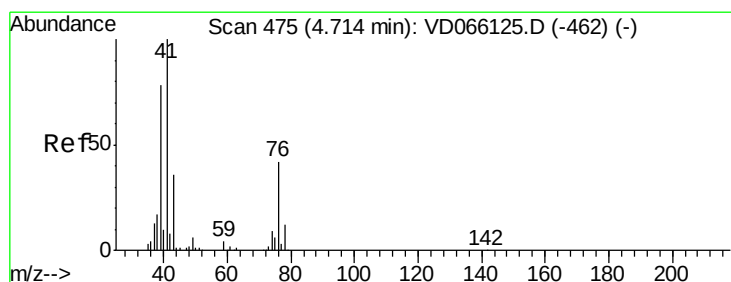
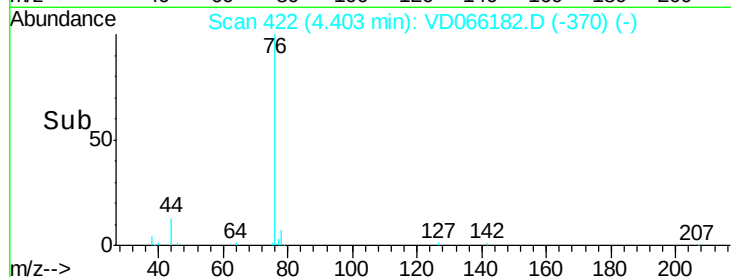
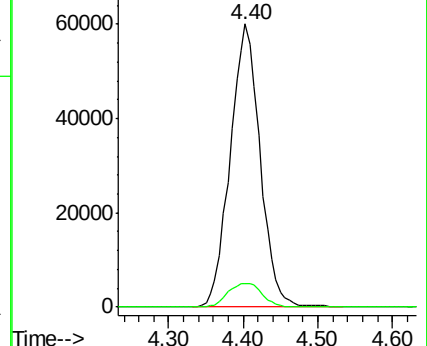
76 100

78 8.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 17.661 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066182.D

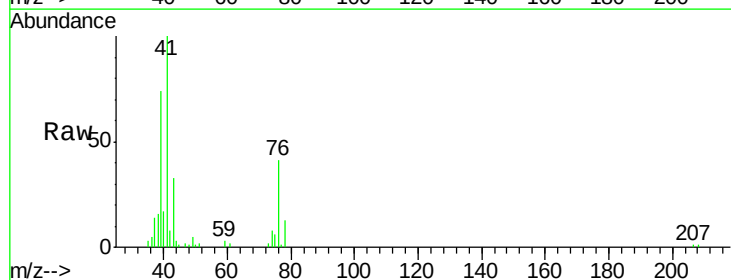
Acq: 11 Aug 2020 12:56

Tgt Ion: 43 Resp: 24517

Ion Ratio Lower Upper

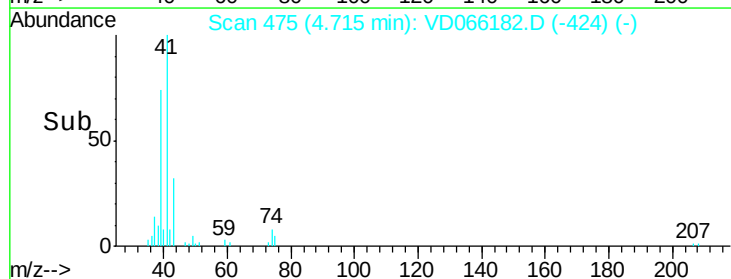
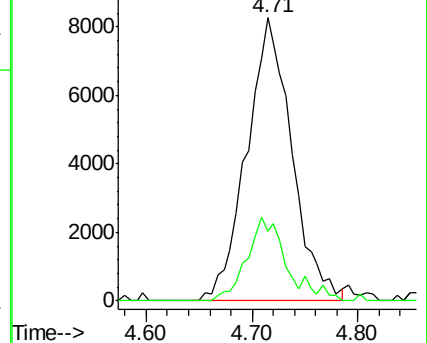
43 100

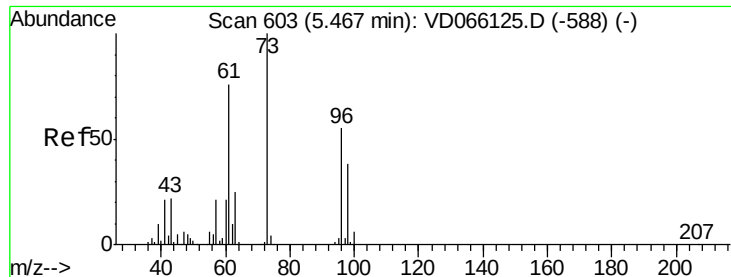
74 24.9 21.2 31.8



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: 17.697 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

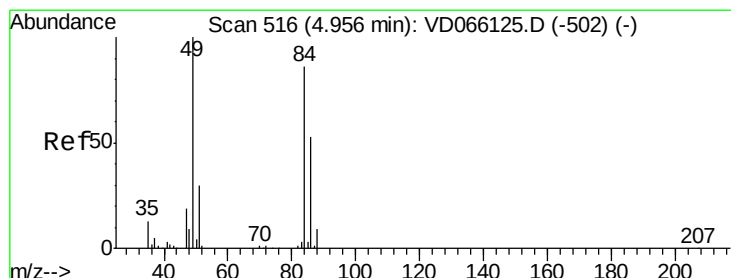
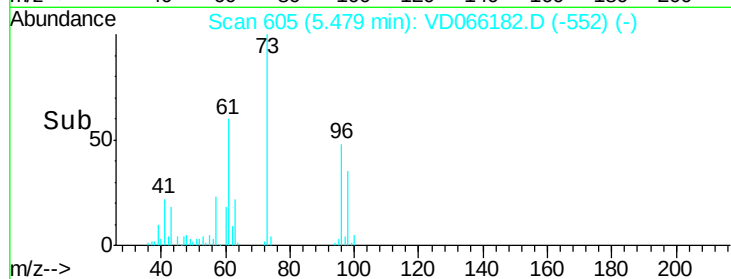
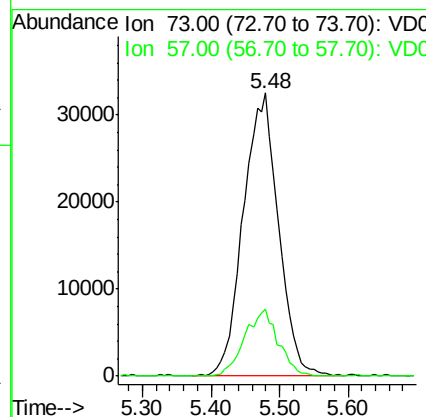
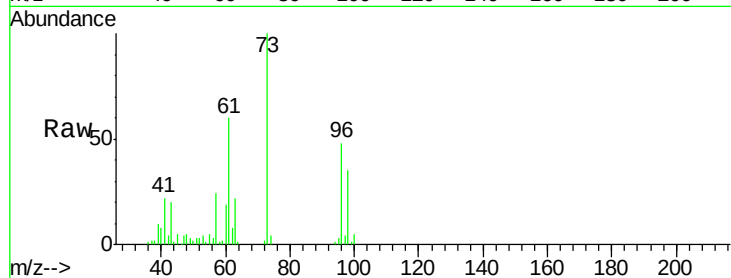
VD0811SBSD01

Tgt Ion: 73 Resp: 115980

Ion Ratio Lower Upper

73 100

57 23.5 17.1 25.7



#20

Methylene Chloride

Concen: 21.591 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Tgt Ion: 84 Resp: 76087

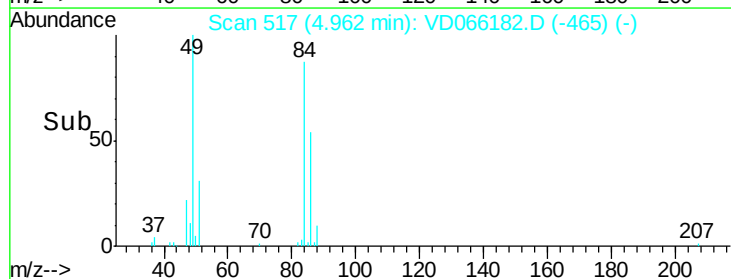
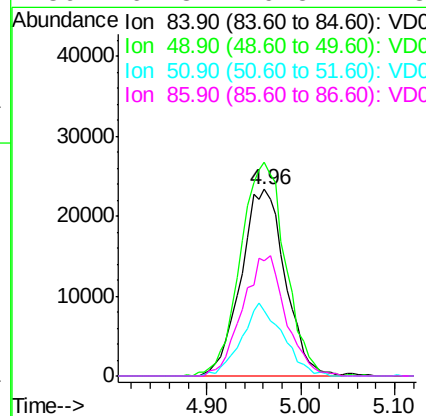
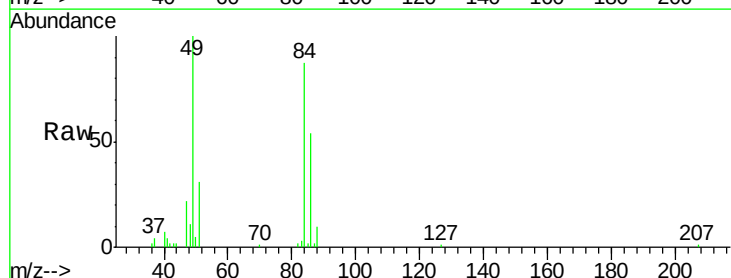
Ion Ratio Lower Upper

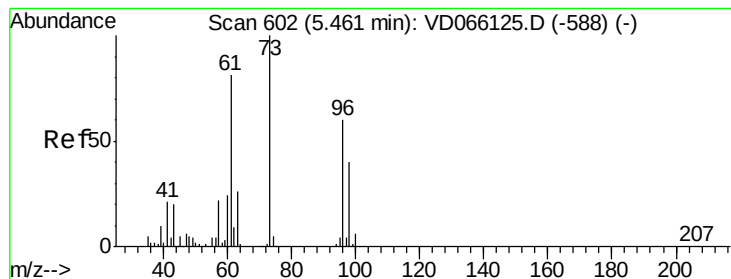
84 100

49 114.3 93.5 140.3

51 35.0 28.2 42.4

86 61.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.242 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBSD01

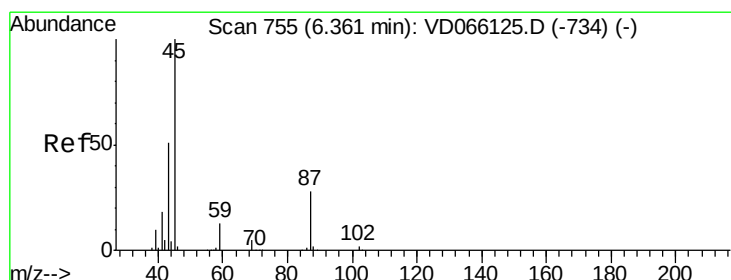
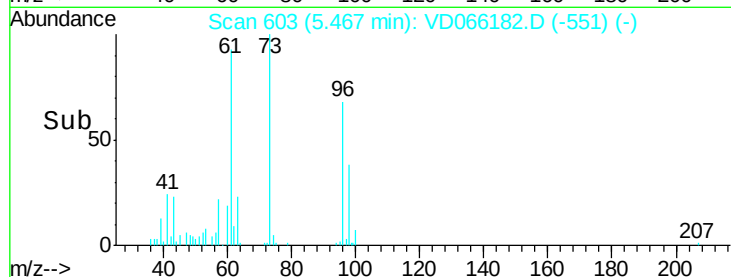
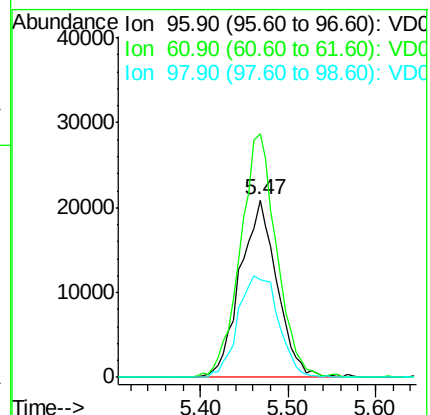
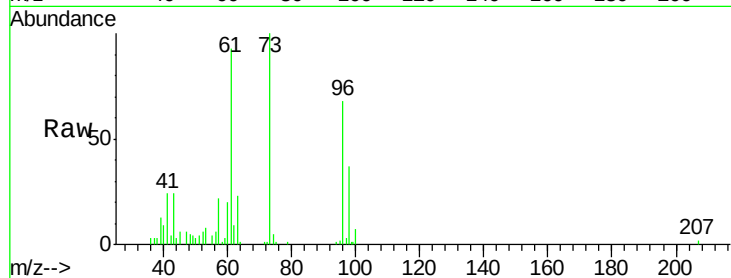
Tgt Ion: 96 Resp: 59918

Ion Ratio Lower Upper

96 100

61 137.4 106.9 160.3

98 54.9 53.4 80.0



#22

Diisopropyl ether

Concen: 18.786 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Tgt Ion: 45 Resp: 160923

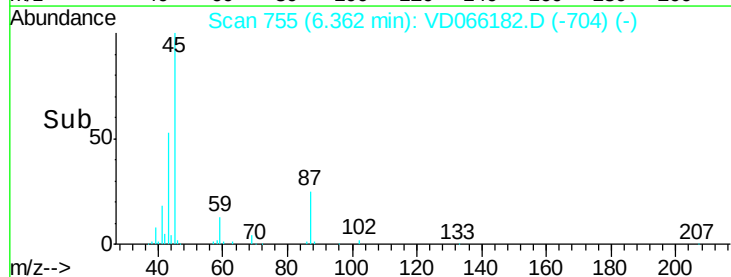
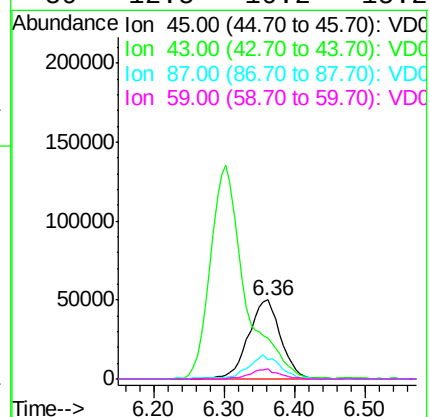
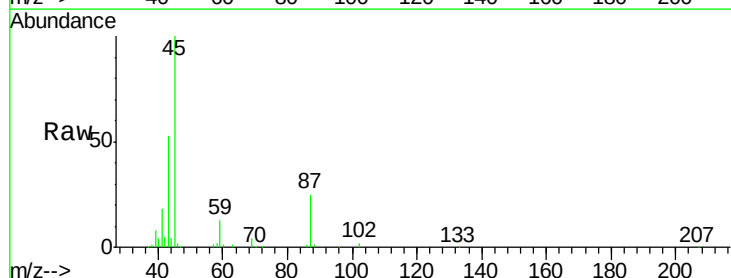
Ion Ratio Lower Upper

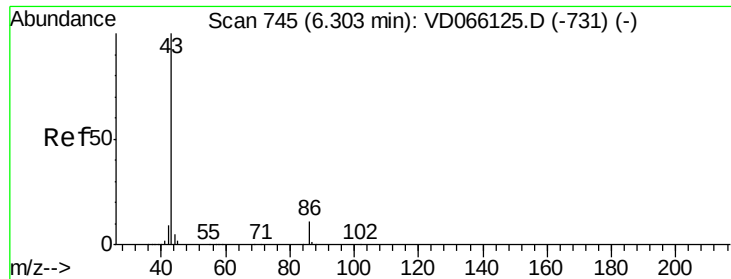
45 100

43 51.3 41.2 61.8

87 25.0 22.8 34.2

59 12.5 10.2 15.2





#23

Vinyl Acetate

Concen: 91.607 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

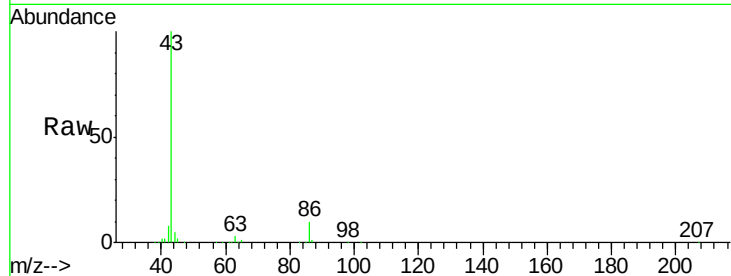
VD0811SBS01

Tgt Ion: 43 Resp: 459714

Ion Ratio Lower Upper

43 100

86 10.0 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

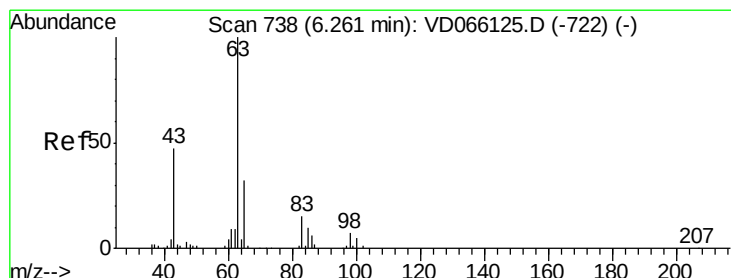
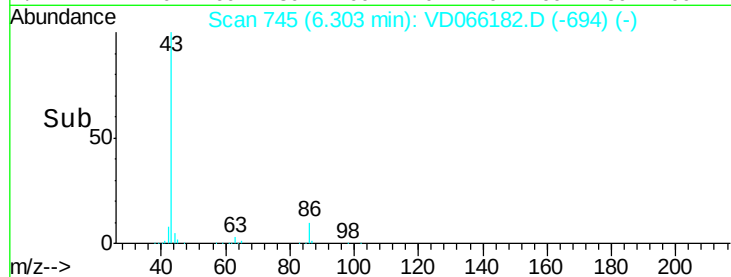
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.667 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

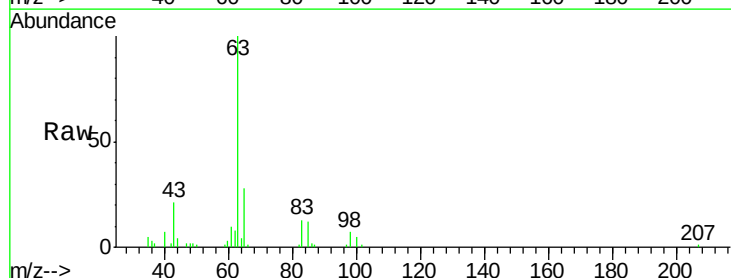
Tgt Ion: 63 Resp: 98958

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

40000

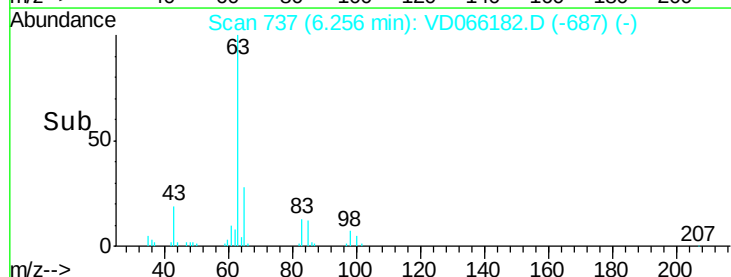
30000

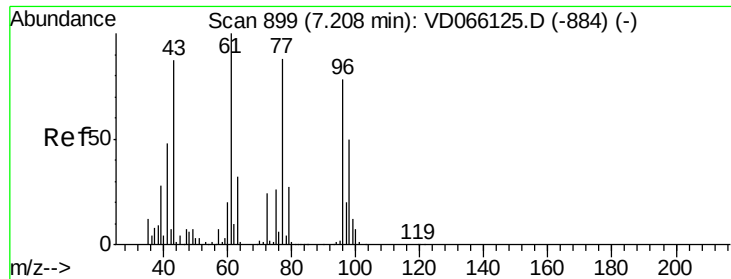
20000

10000

0

Time-->





#25

2-Butanone

Concen: 91.190 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

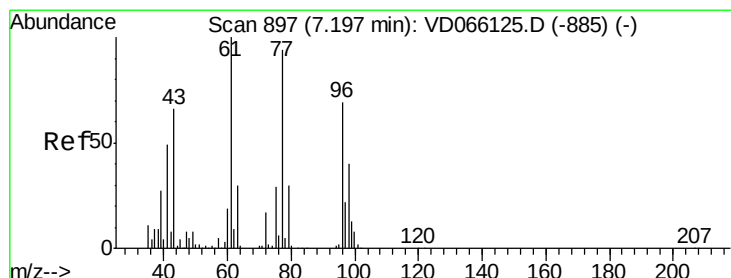
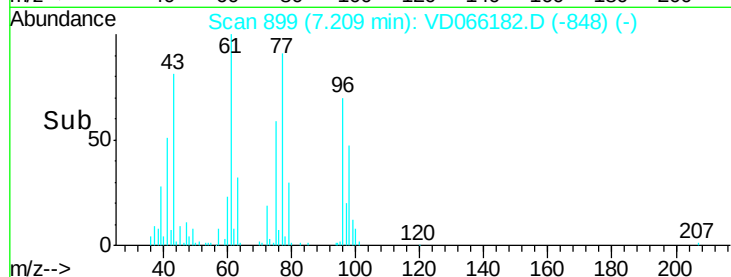
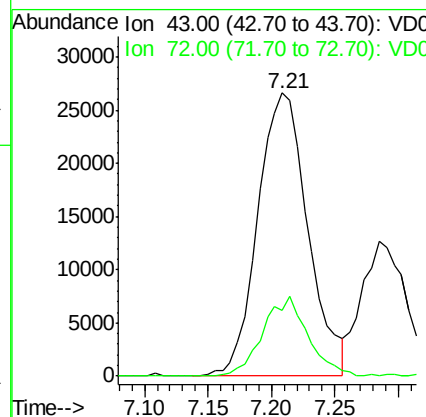
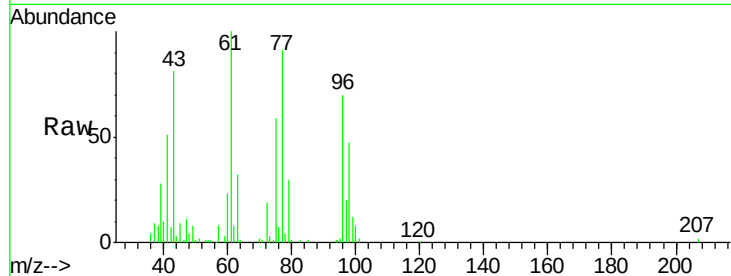
VD0811SBS01

Tgt Ion: 43 Resp: 73303

Ion Ratio Lower Upper

43 100

72 23.3 22.2 33.2



#26

2,2-Dichloropropane

Concen: 19.105 ug/l

RT: 7.20 min Scan# 897

Delta R.T. 0.00 min

Lab File: VD066182.D

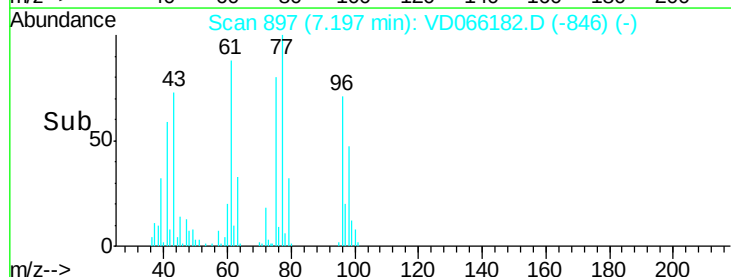
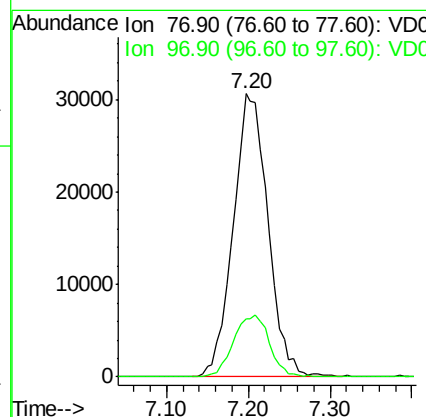
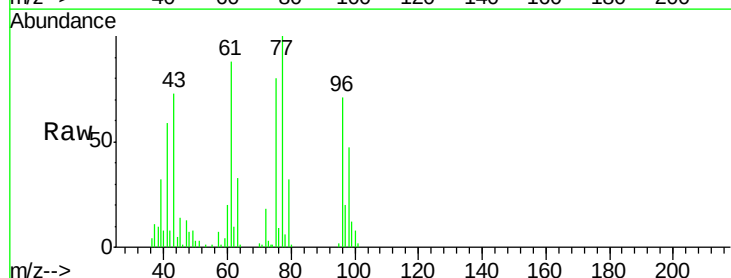
Acq: 11 Aug 2020 12:56

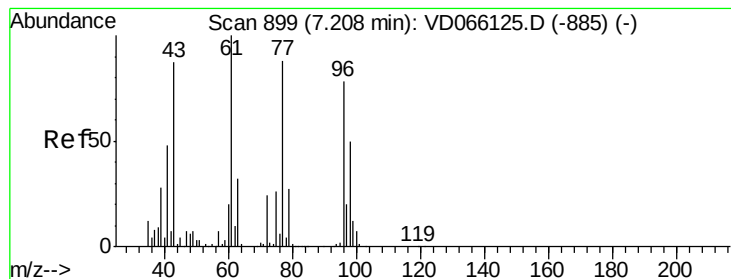
Tgt Ion: 77 Resp: 90776

Ion Ratio Lower Upper

77 100

97 22.3 11.8 35.3



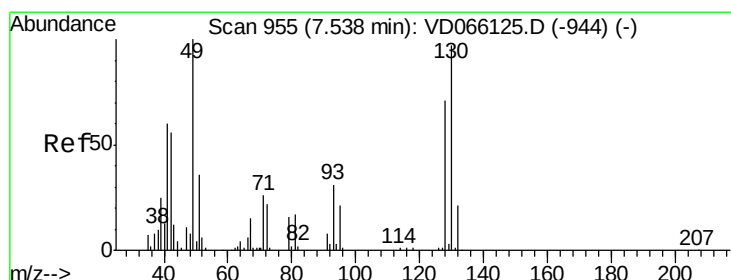
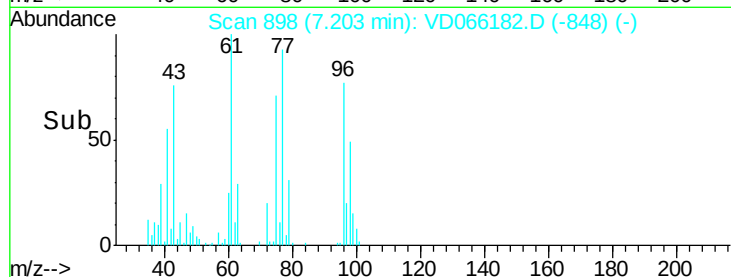
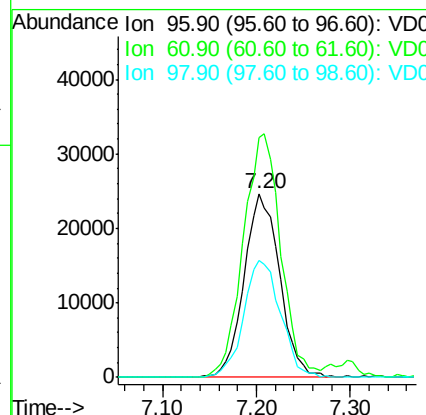
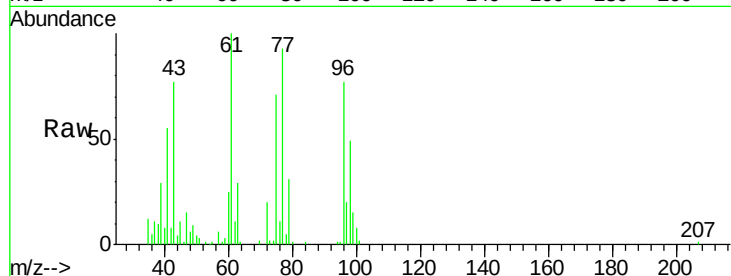


#27

cis-1,2-Dichloroethene
 Concen: 18.740 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

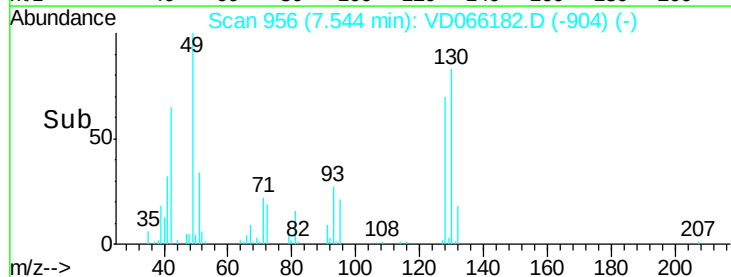
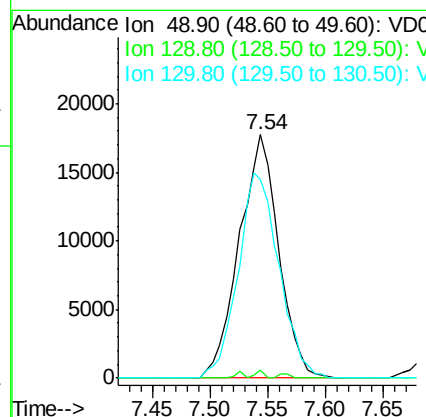
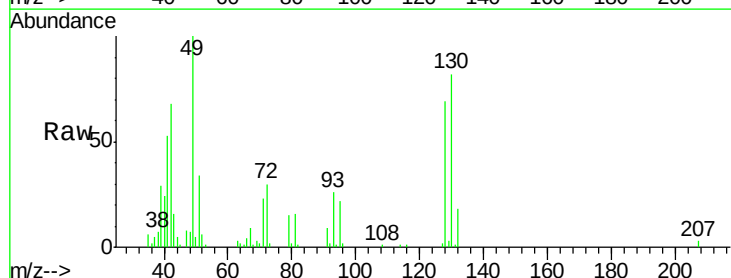
Tgt Ion: 96 Resp: 64563
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 281.6
 98 65.9 0.0 130.8

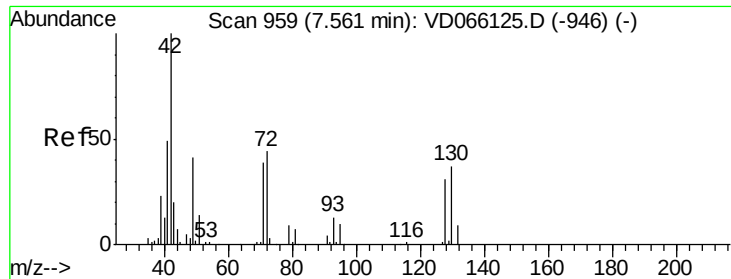


#28

Bromochloromethane
 Concen: 22.595 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion: 49 Resp: 42071
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 6.0
 130 87.4 73.8 110.6

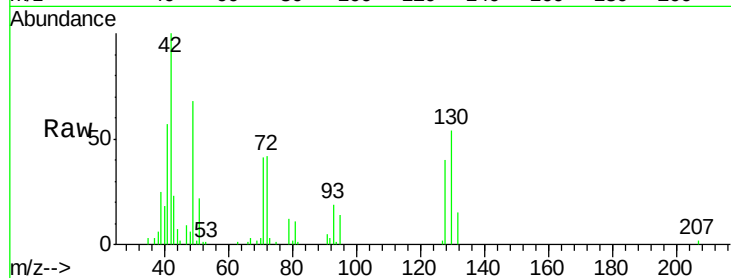




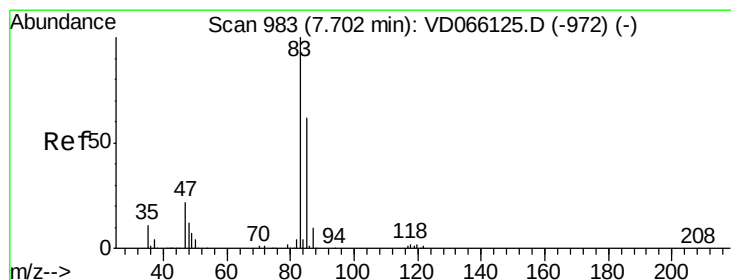
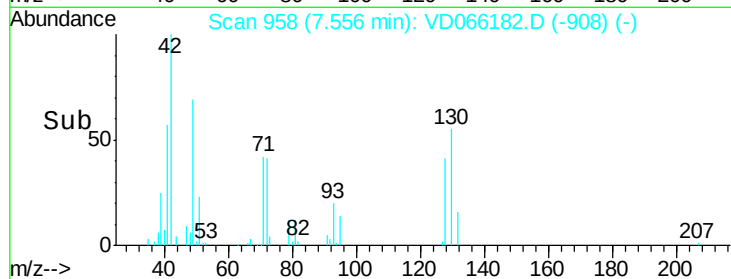
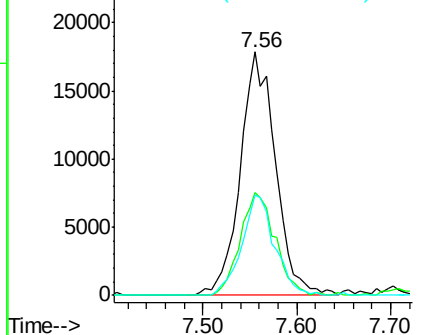
#29
Tetrahydrofuran
Concen: 93.214 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

Tgt Ion: 42 Resp: 46424
Ion Ratio Lower Upper
42 100
72 41.4 34.8 52.2
71 38.4 33.5 50.3

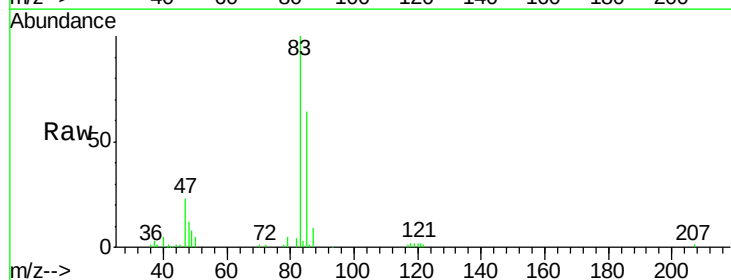


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

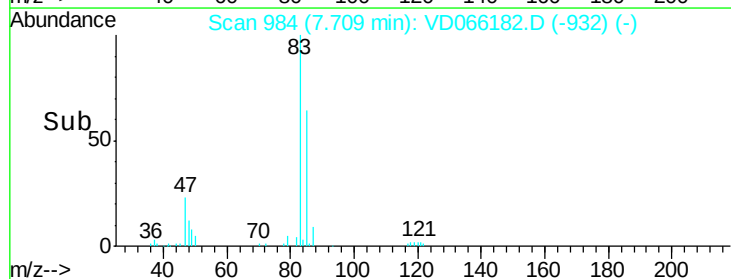
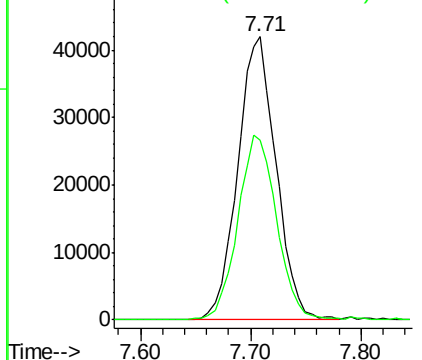


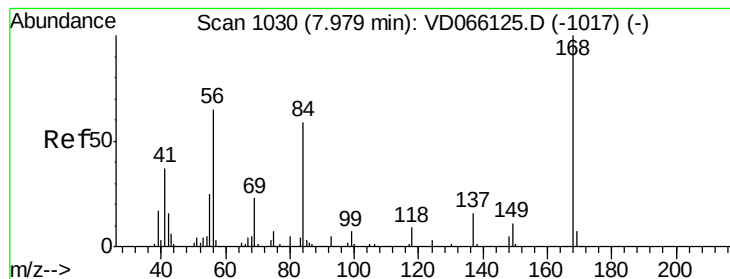
#30
Chloroform
Concen: 18.337 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Tgt Ion: 83 Resp: 102074
Ion Ratio Lower Upper
83 100
85 63.6 49.5 74.3



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





#31

Cyclohexane

Concen: 18.390 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBSD01

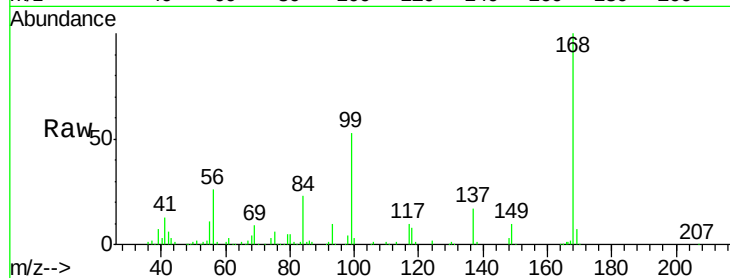
Tgt Ion: 56 Resp: 92802

Ion Ratio Lower Upper

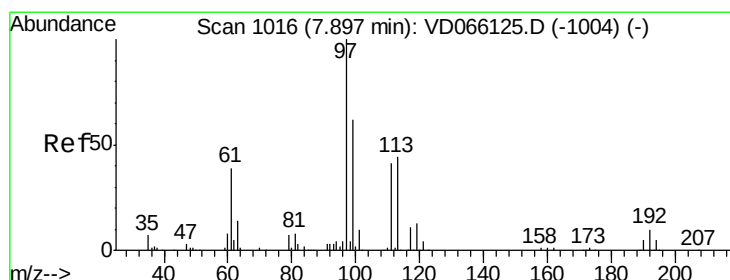
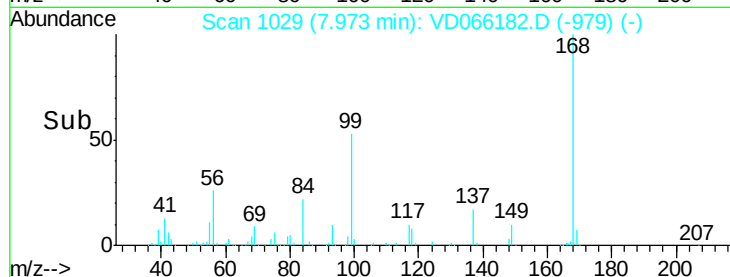
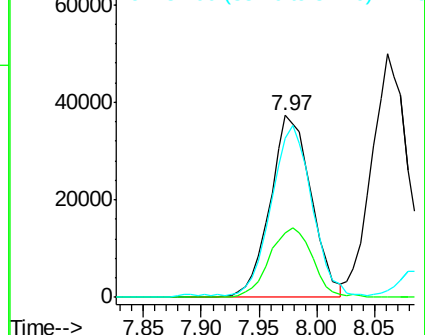
56 100

69 35.5 28.8 43.2

84 86.3 73.0 109.6



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: 18.747 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

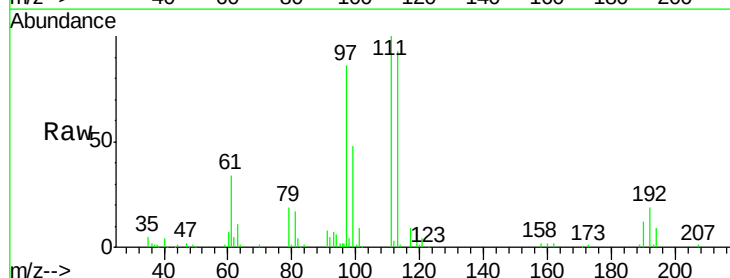
Tgt Ion: 97 Resp: 97842

Ion Ratio Lower Upper

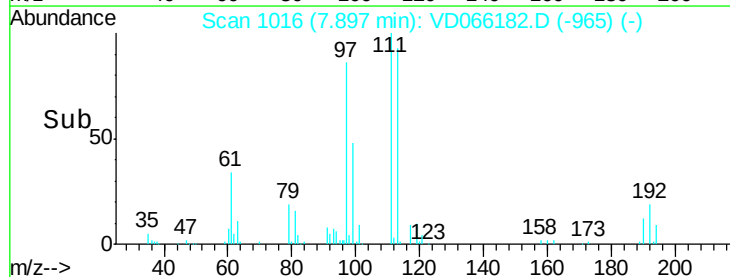
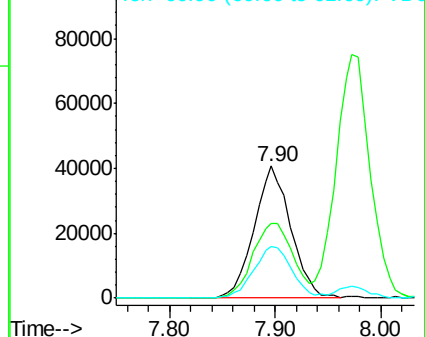
97 100

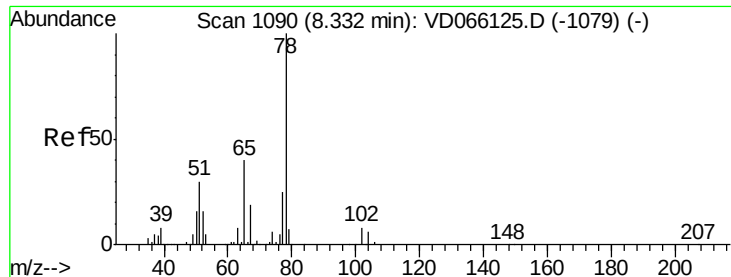
99 62.2 51.1 76.7

61 40.6 32.7 49.1



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

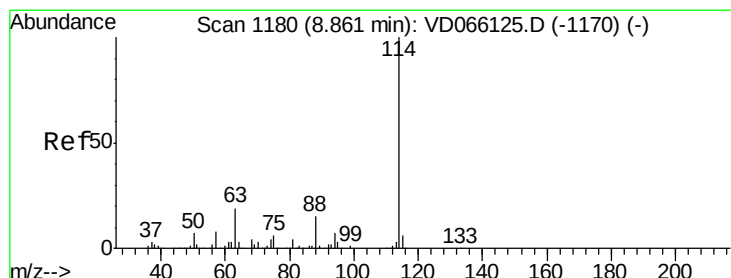
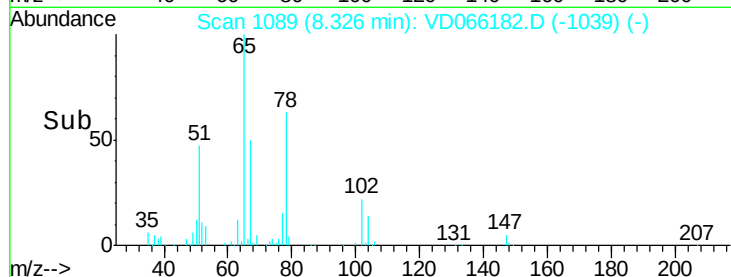
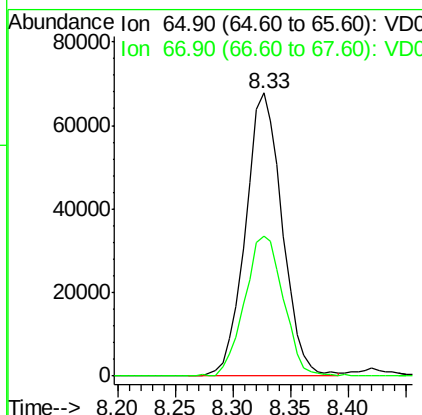
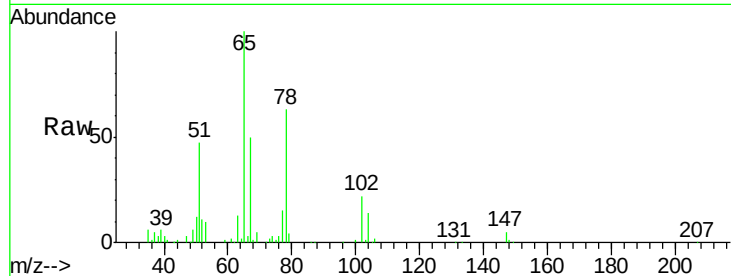




#33
 1,2-Dichloroethane-d4
 Concen: 52.160 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

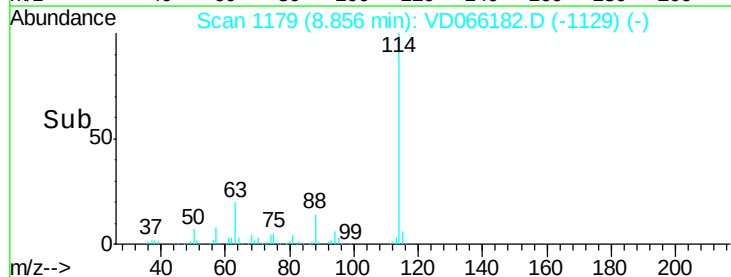
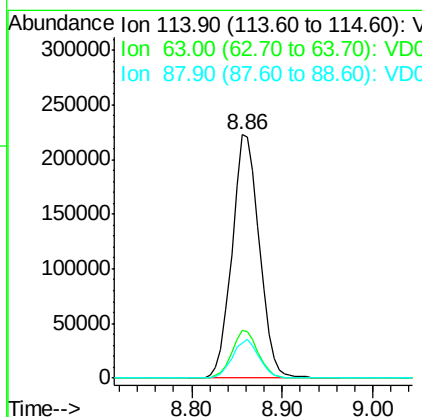
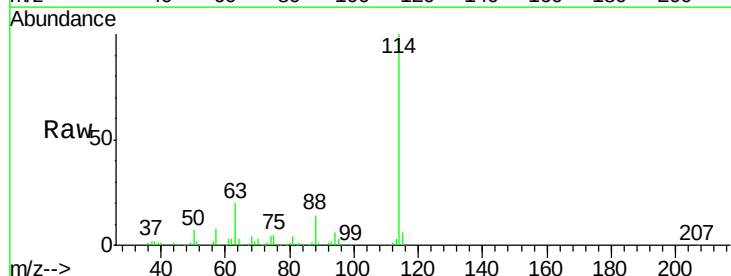
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

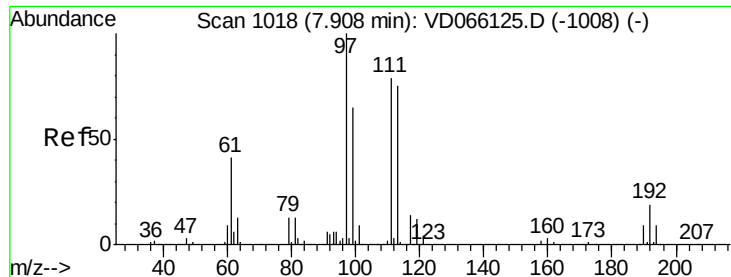
Tgt Ion: 65 Resp: 150240
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion: 114 Resp: 467094
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 14.3 0.0 30.0

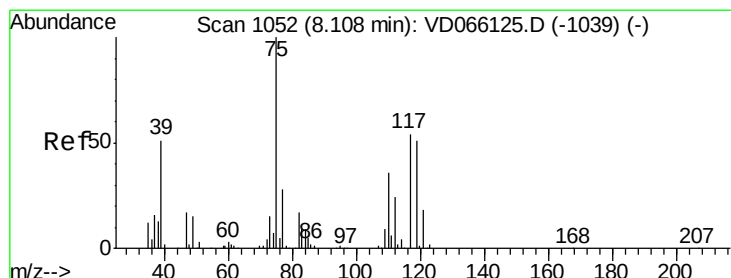
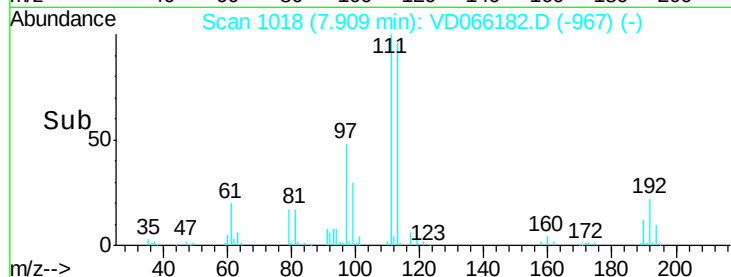
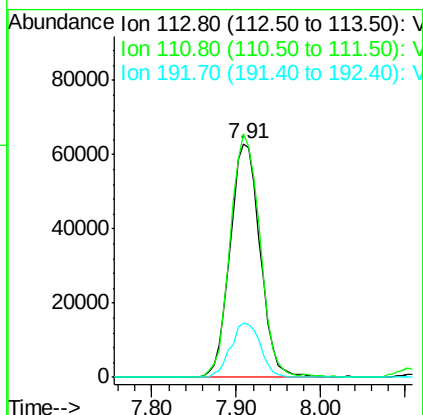
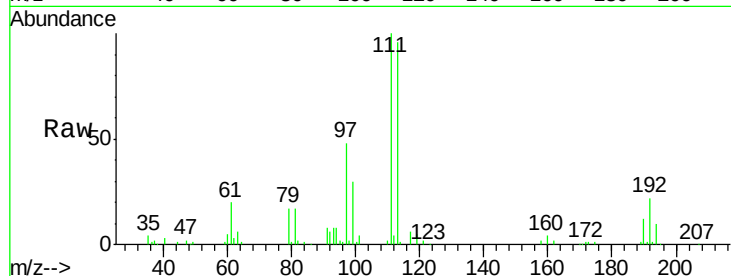




#35
 Dibromofluoromethane
 Concen: 52.069 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

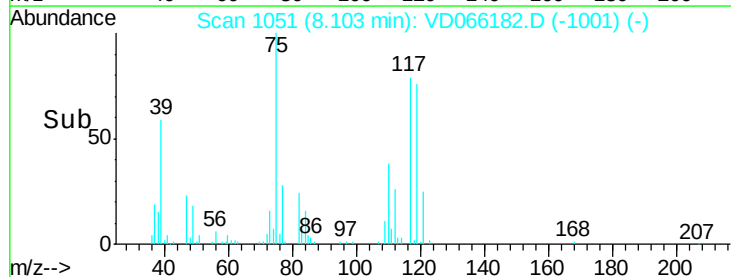
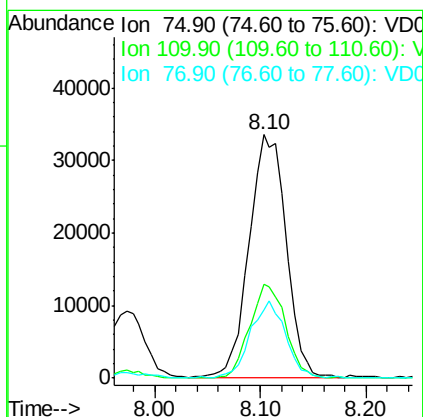
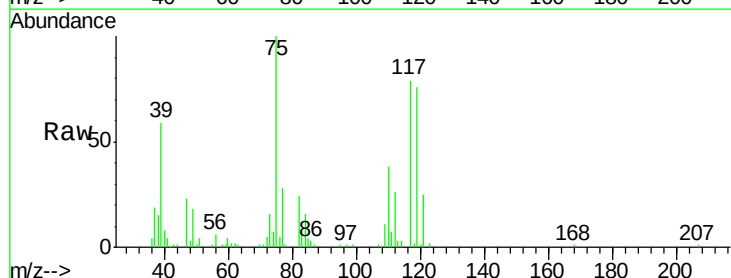
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

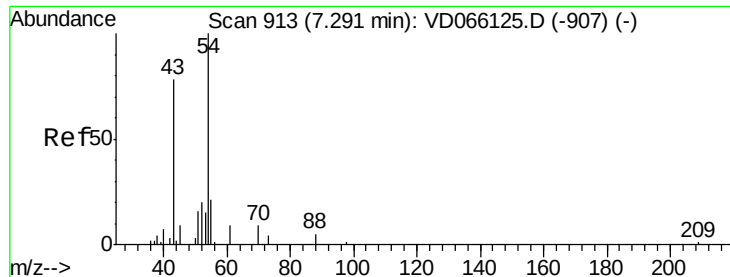
Tgt Ion: 113 Resp: 154073
 Ion Ratio Lower Upper
 113 100
 111 103.4 80.7 121.1
 192 23.2 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 18.740 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion: 75 Resp: 82256
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.8 56.3
 77 29.9 24.2 36.2

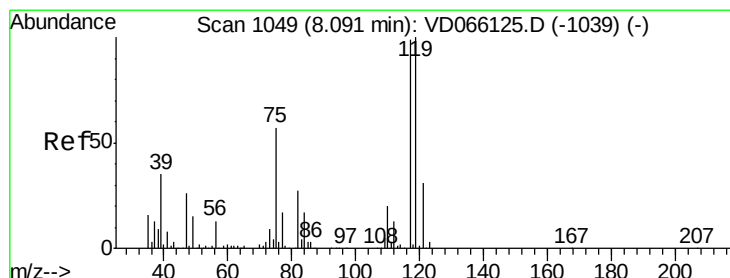
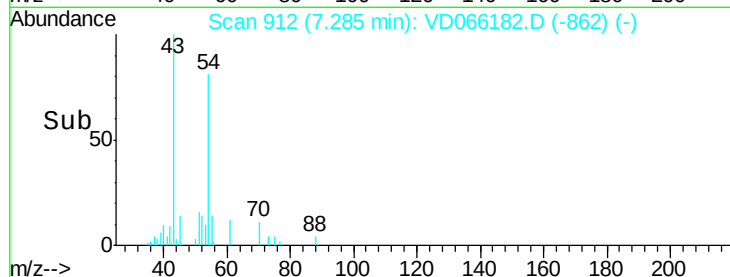
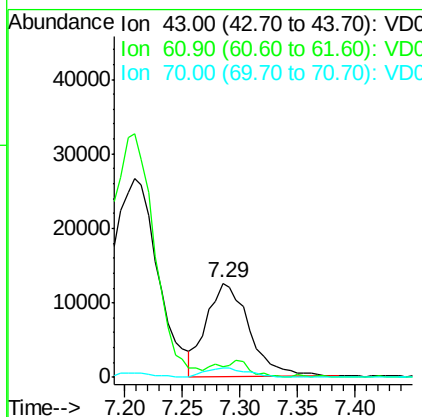
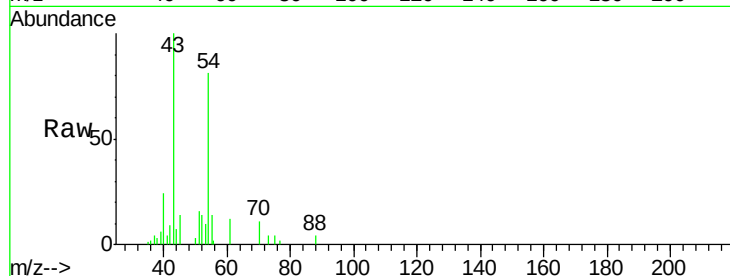




#37
Ethyl Acetate
Concen: 18.563 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

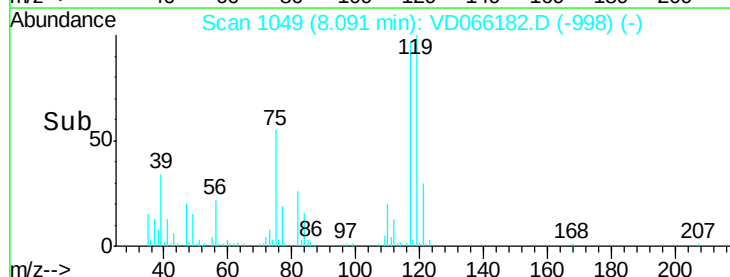
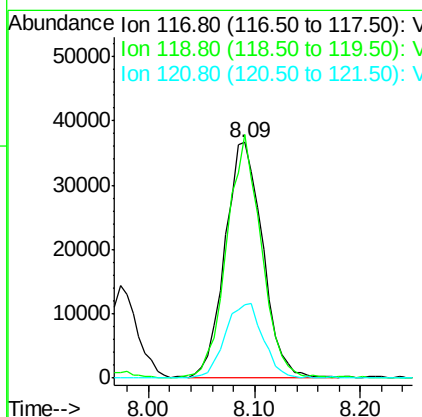
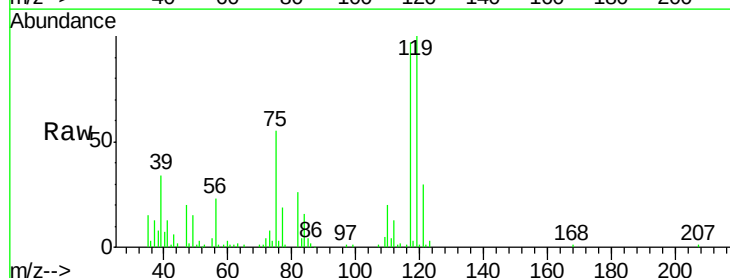
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

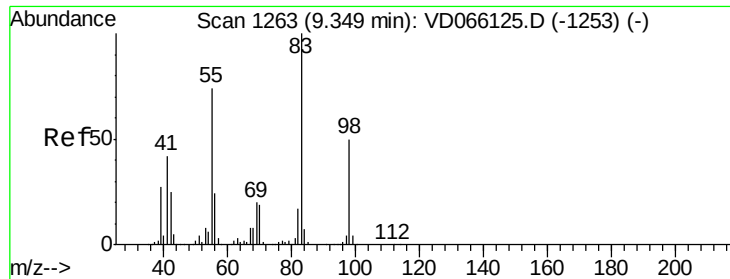
Tgt Ion: 43 Resp: 32282
Ion Ratio Lower Upper
43 100
61 14.2 12.0 18.0
70 10.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.535 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Tgt Ion: 117 Resp: 90724
Ion Ratio Lower Upper
117 100
119 102.5 81.0 121.4
121 31.2 24.8 37.2

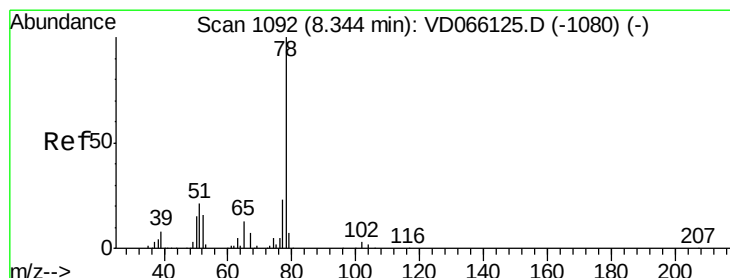
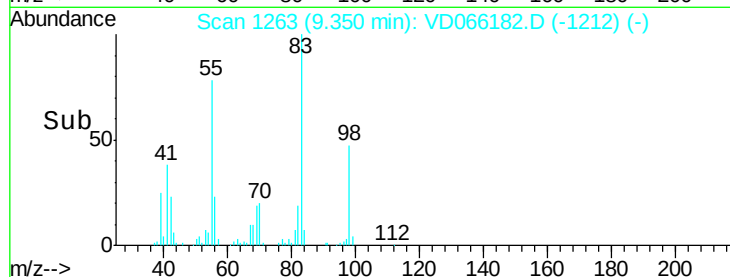
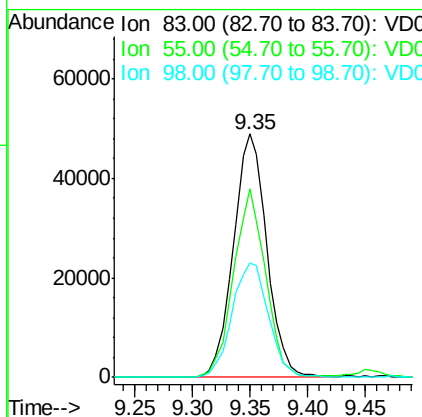
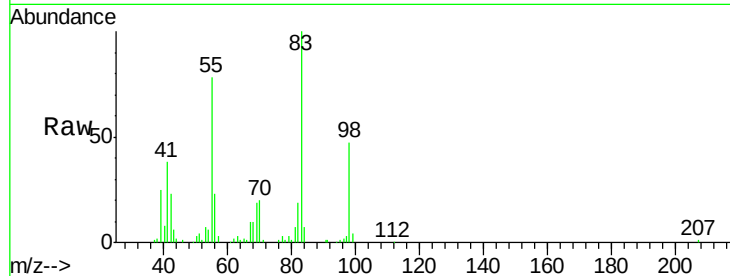




#39
Methylcyclohexane
Concen: 18.505 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

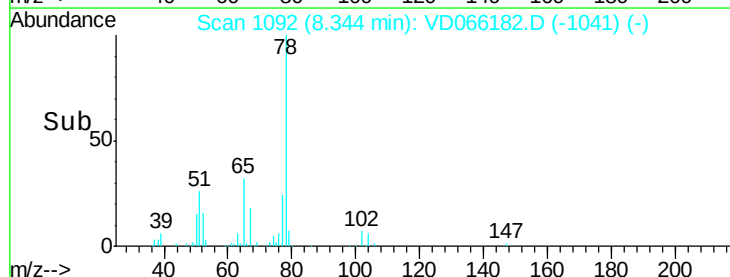
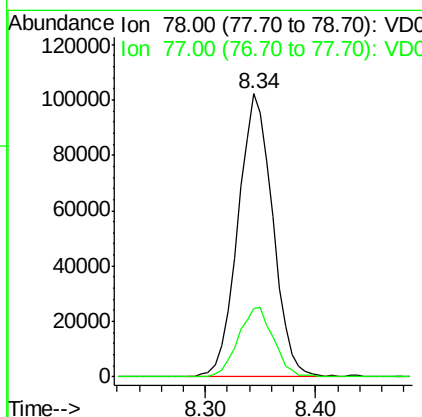
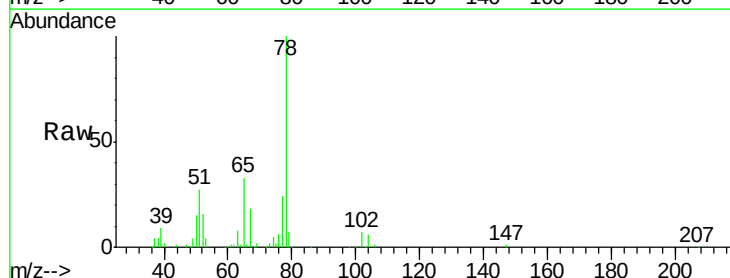
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

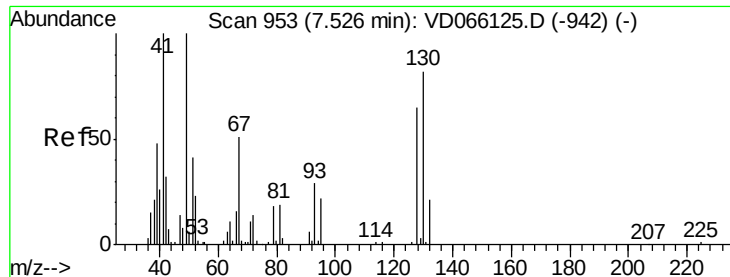
Tgt Ion: 83 Resp: 98187
Ion Ratio Lower Upper
83 100
55 77.6 59.2 88.8
98 47.0 39.8 59.6



#40
Benzene
Concen: 18.567 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Tgt Ion: 78 Resp: 226076
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8

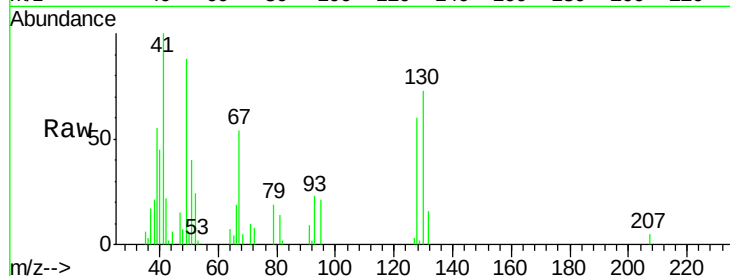




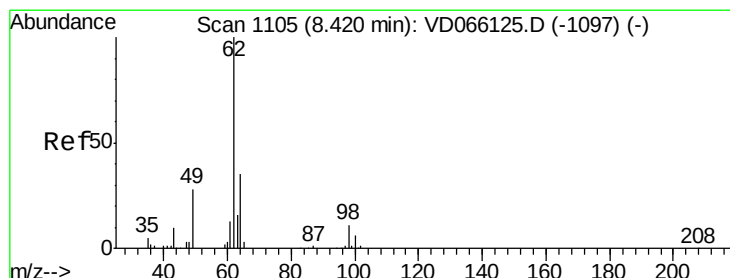
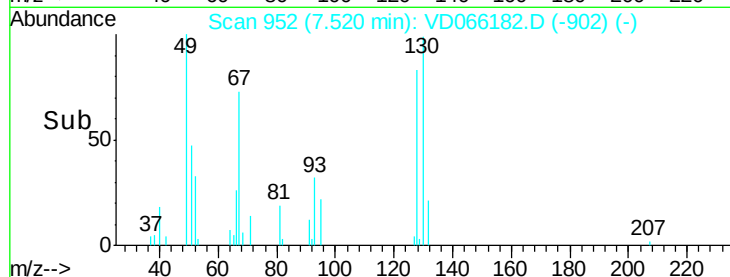
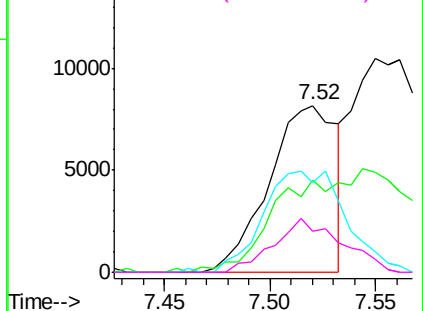
#41
Methacrylonitrile
Concen: 17.841 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

Tgt Ion:	41	Resp:	18243
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.5	71.3#
67	74.5	59.1	88.7
52	32.1	25.4	38.0

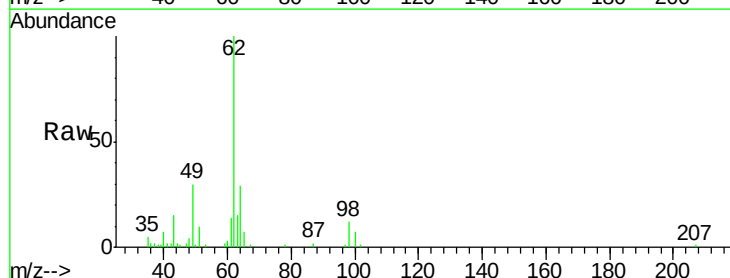


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

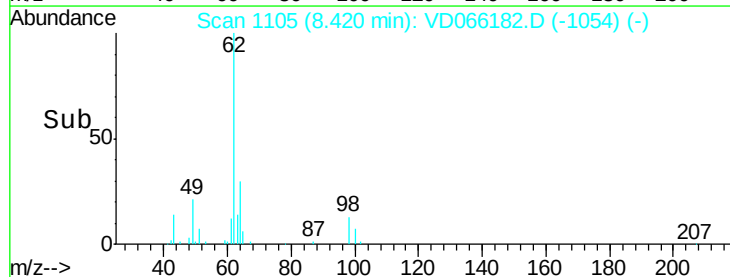
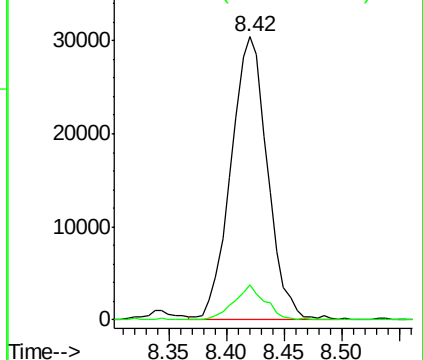


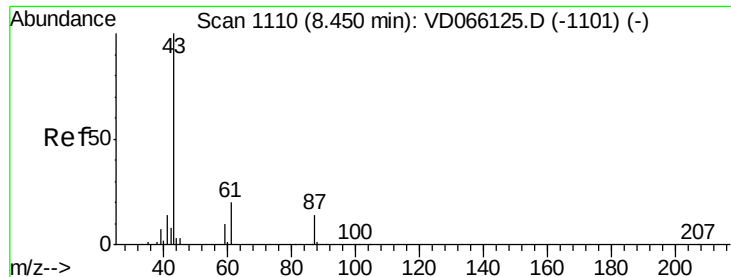
#42
1,2-Dichloroethane
Concen: 18.736 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Tgt Ion:	62	Resp:	67019
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 18.476 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBSD01

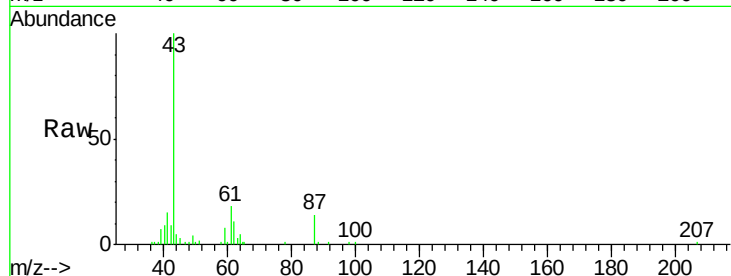
Tgt Ion: 43 Resp: 63310

Ion Ratio Lower Upper

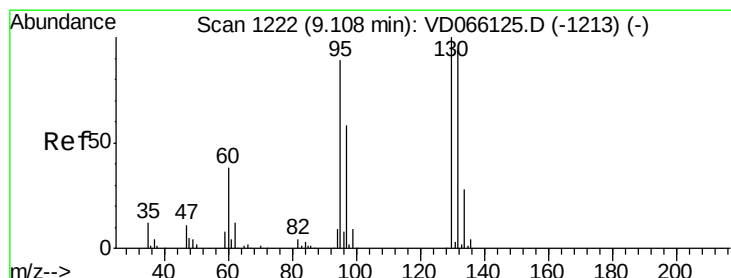
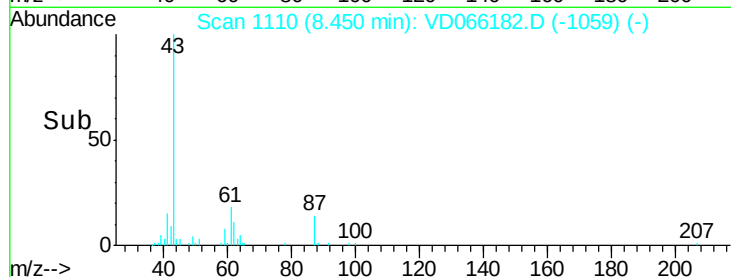
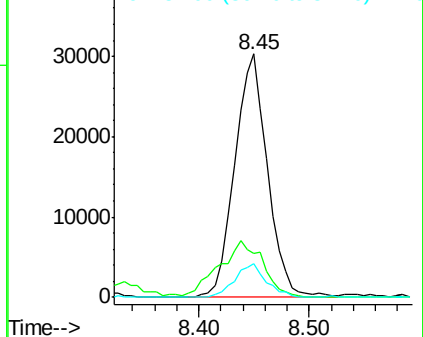
43 100

61 31.3 25.5 38.3

87 13.2 11.2 16.8



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: 18.052 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066182.D

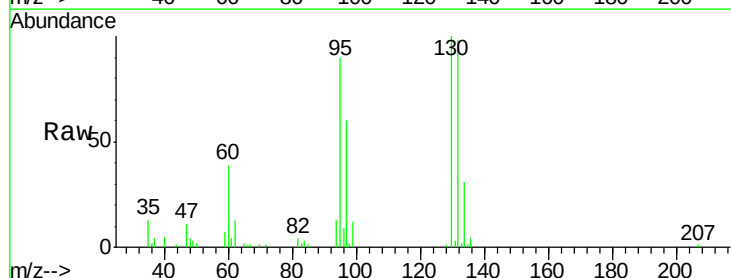
Acq: 11 Aug 2020 12:56

Tgt Ion: 130 Resp: 66236

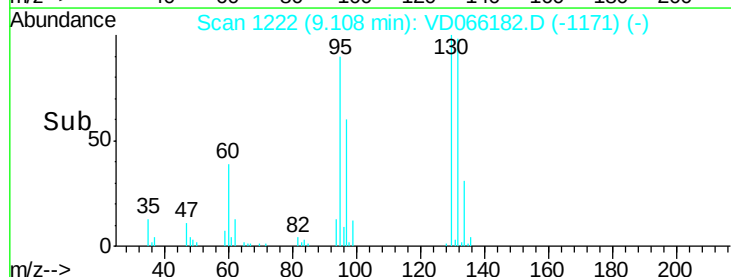
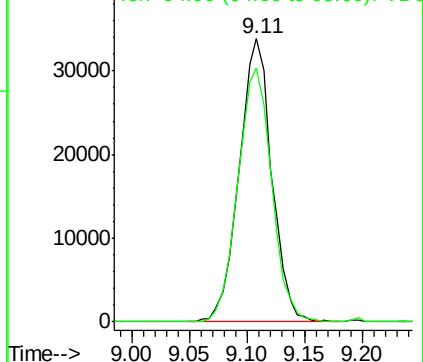
Ion Ratio Lower Upper

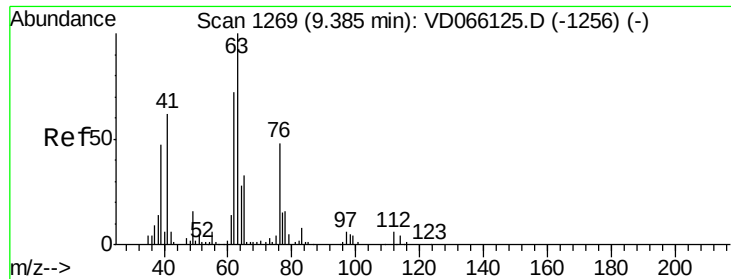
130 100

95 89.8 0.0 178.4



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

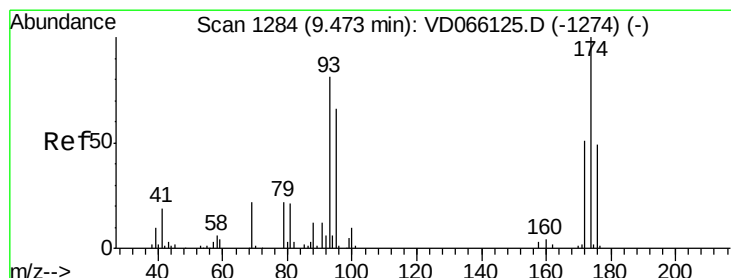
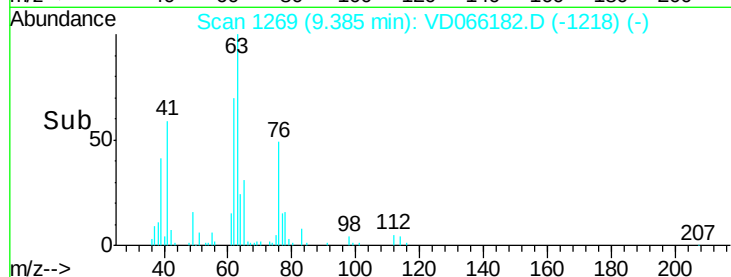
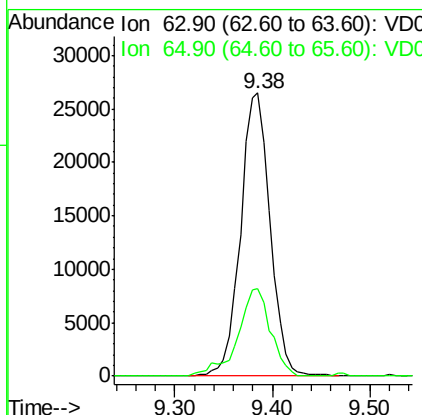
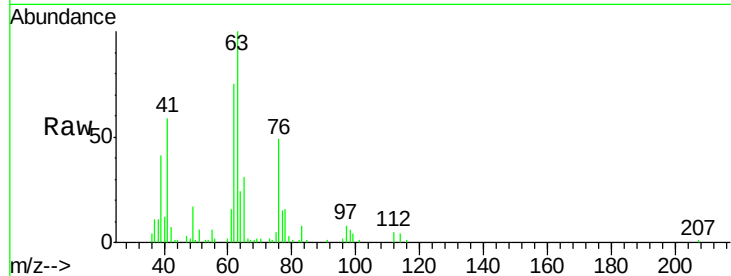




#45
 1,2-Dichloropropane
 Concen: 18.815 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

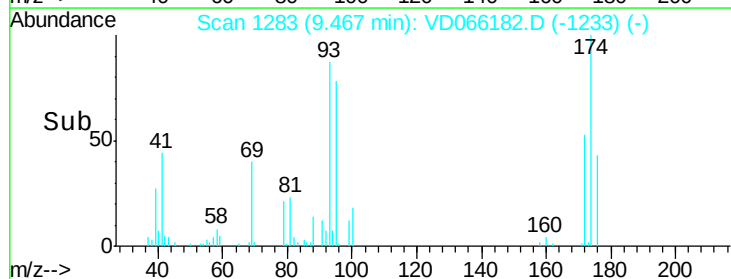
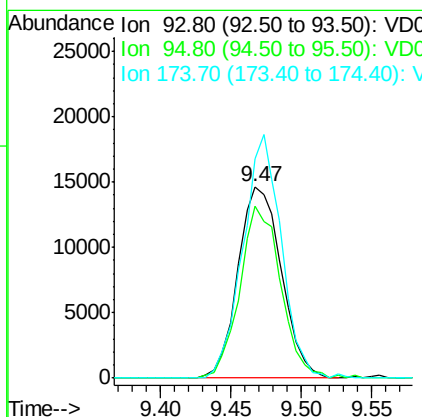
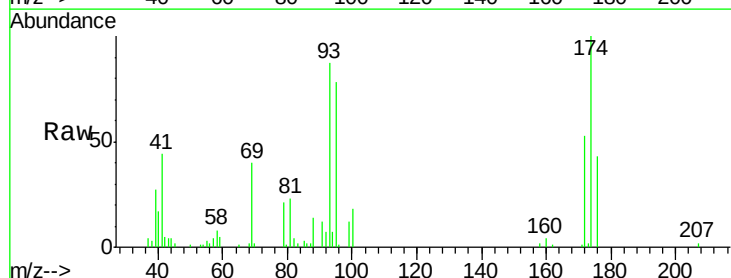
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

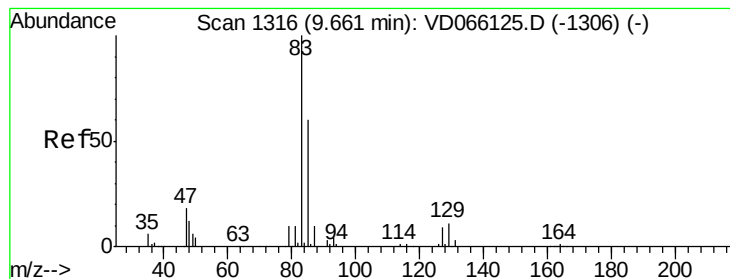
Tgt Ion: 63 Resp: 56029
 Ion Ratio Lower Upper
 63 100
 65 31.0 26.5 39.7



#46
 Dibromomethane
 Concen: 19.200 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion: 93 Resp: 31495
 Ion Ratio Lower Upper
 93 100
 95 85.0 65.8 98.6
 174 112.6 92.8 139.2





#47

Bromodichloromethane

Concen: 18.540 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBSD01

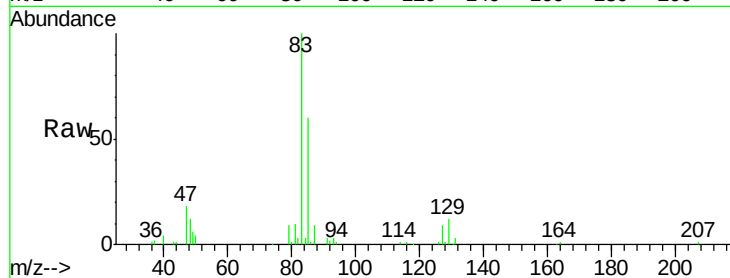
Tgt Ion: 83 Resp: 80380

Ion Ratio Lower Upper

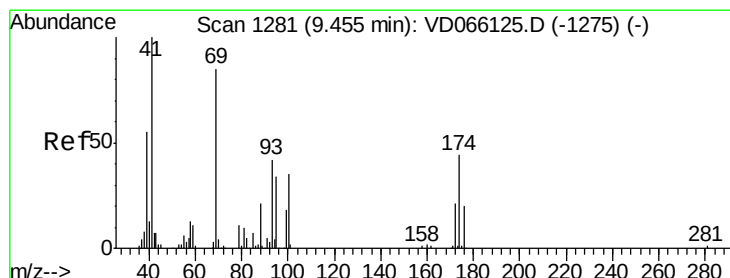
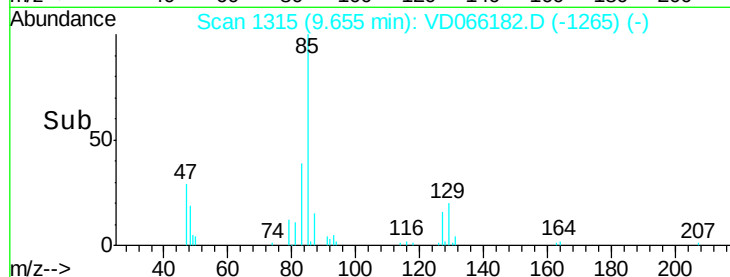
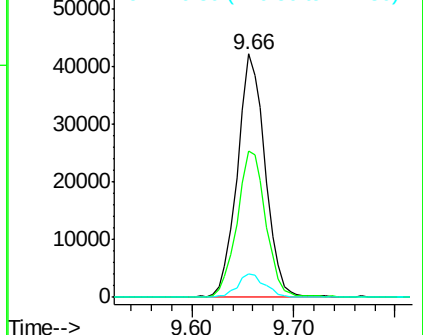
83 100

85 60.4 48.2 72.4

127 9.4 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 18.669 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

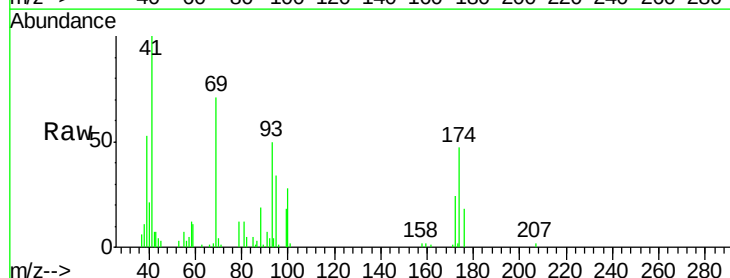
Tgt Ion: 41 Resp: 32664

Ion Ratio Lower Upper

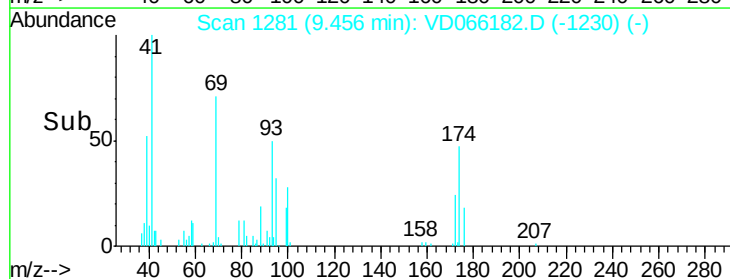
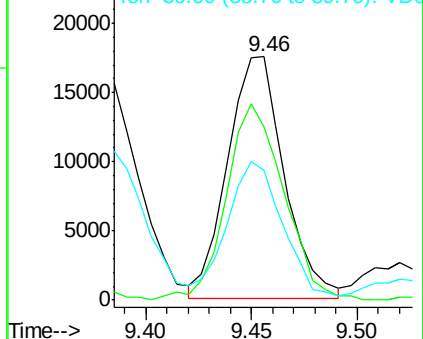
41 100

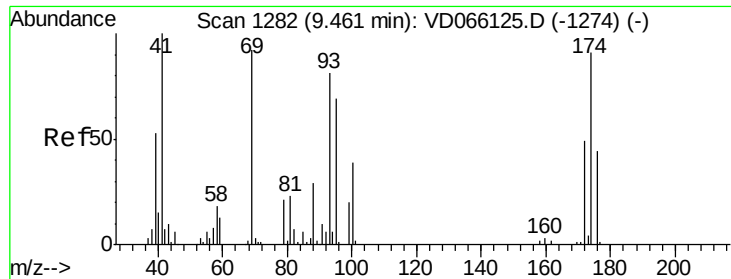
69 82.1 63.9 95.9

39 52.4 42.6 64.0



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

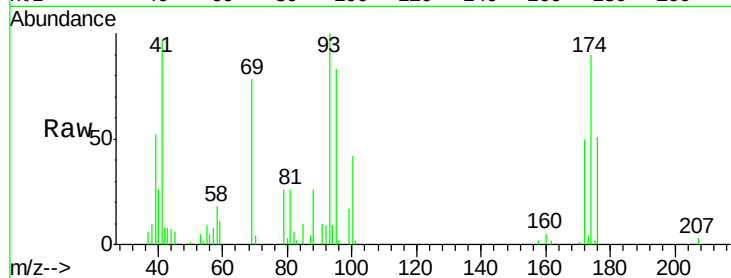




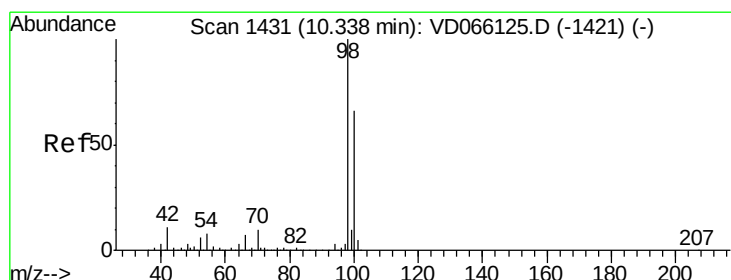
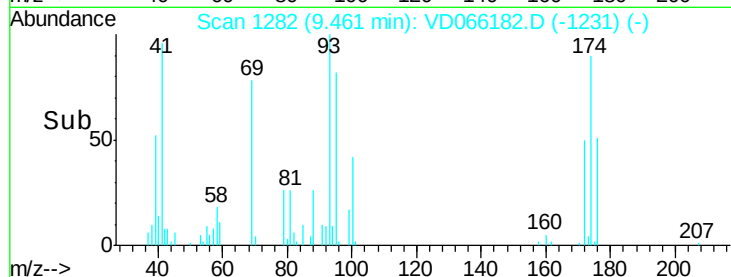
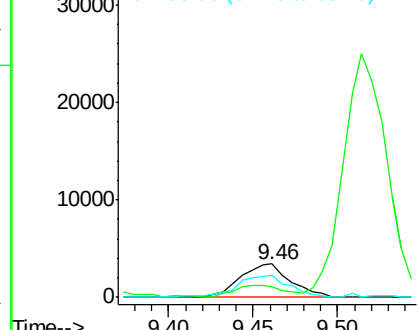
#49
1,4-Dioxane
Concen: 332.301 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

Tgt Ion: 88 Resp: 7003
Ion Ratio Lower Upper
88 100
43 36.9 27.5 41.3
58 72.2 50.2 75.4

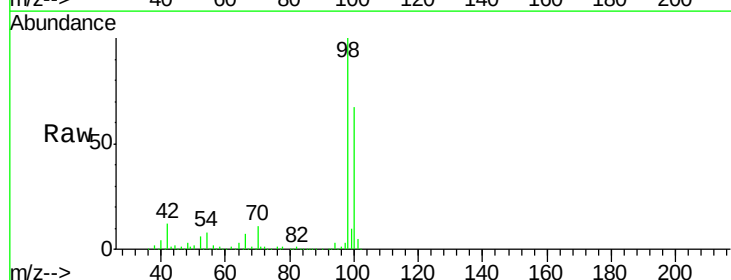


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

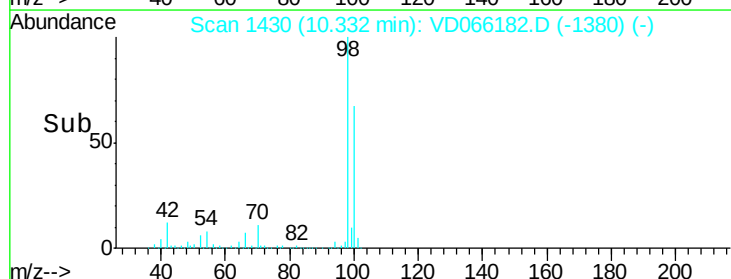
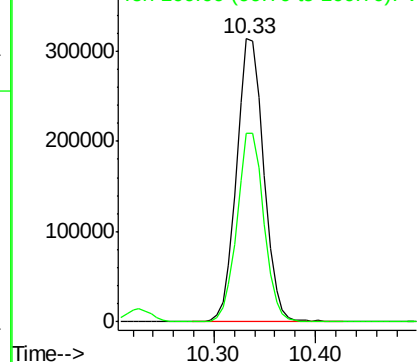


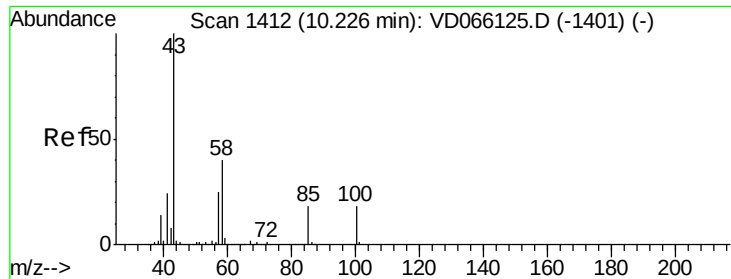
#50
Toluene-d8
Concen: 53.665 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Tgt Ion: 98 Resp: 585990
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



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

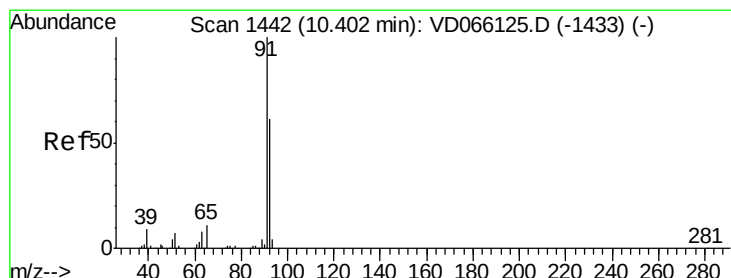
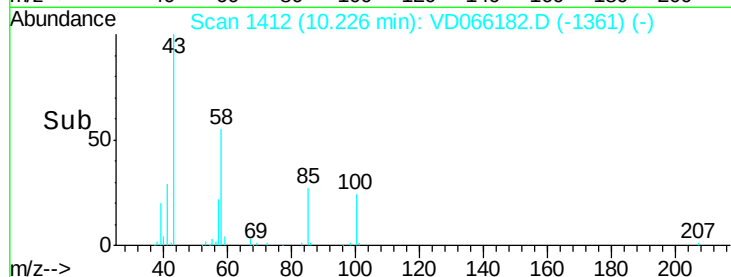
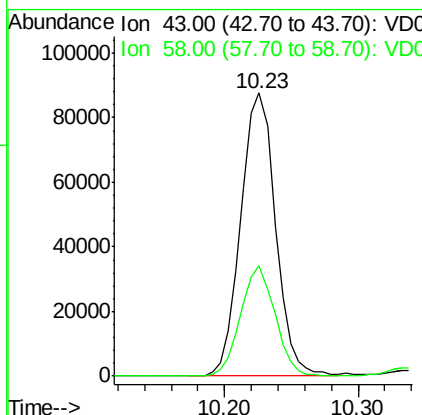
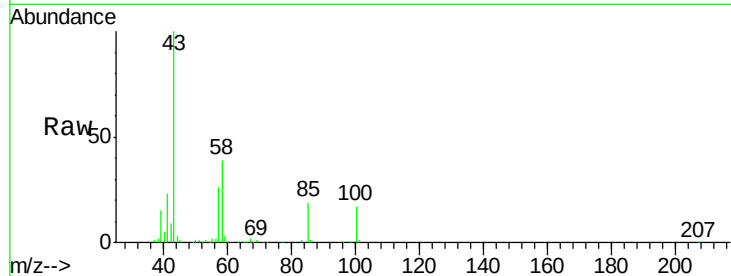




#51
 4-Methyl-2-Pentanone
 Concen: 89.770 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

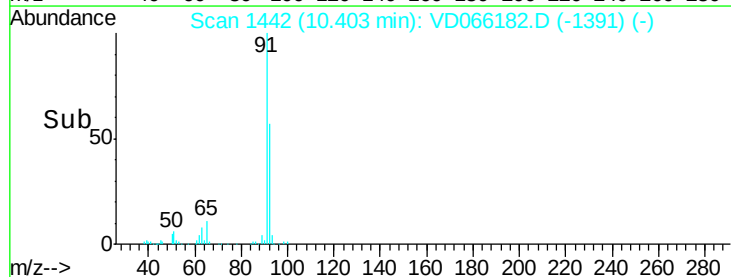
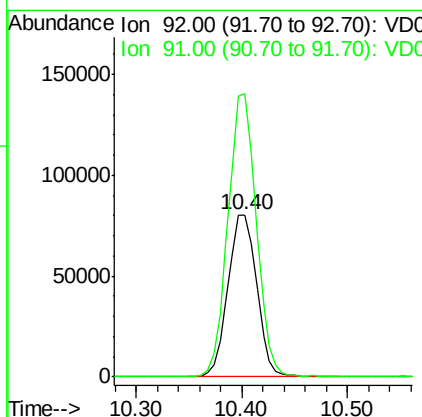
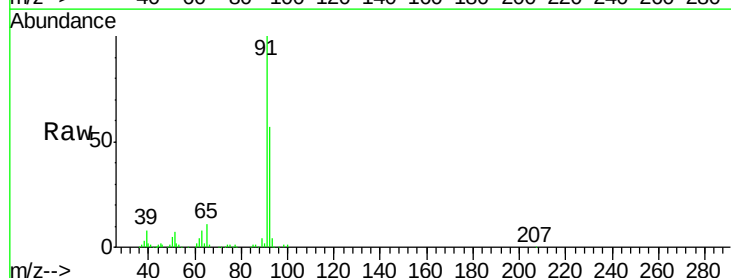
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

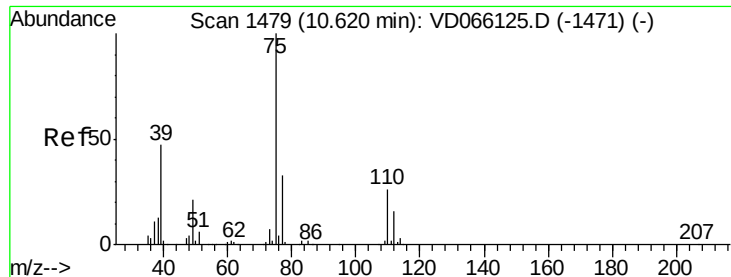
Tgt Ion: 43 Resp: 158000
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.1 46.7



#52
 Toluene
 Concen: 18.887 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion: 92 Resp: 151324
 Ion Ratio Lower Upper
 92 100
 91 172.1 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 18.727 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

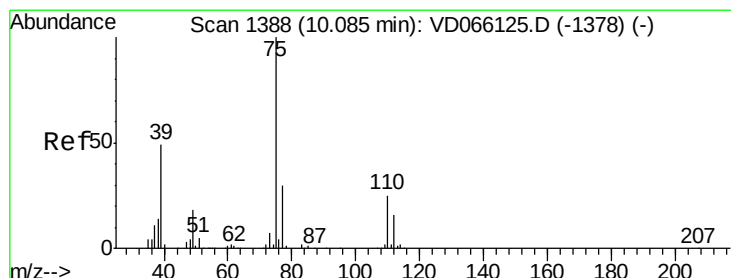
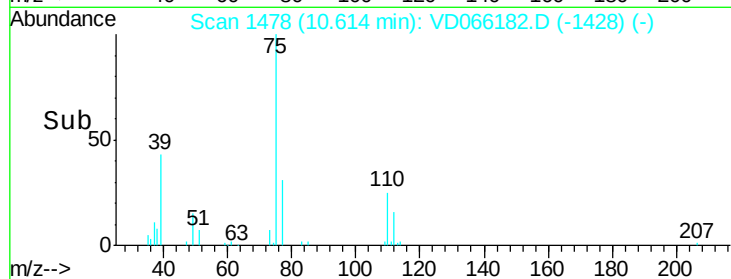
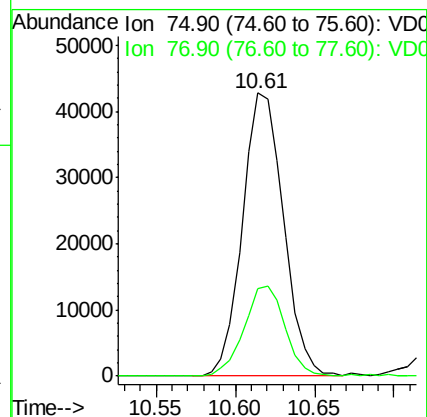
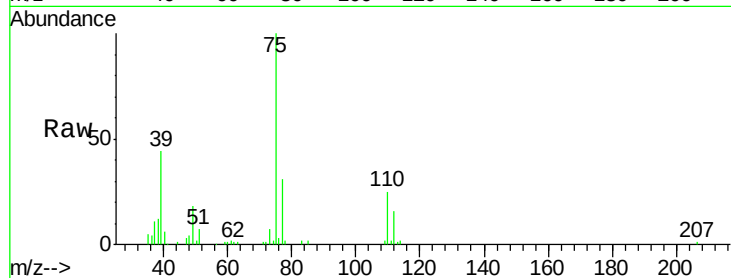
VD0811SBSD01

Tgt Ion: 75 Resp: 77049

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 18.582 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

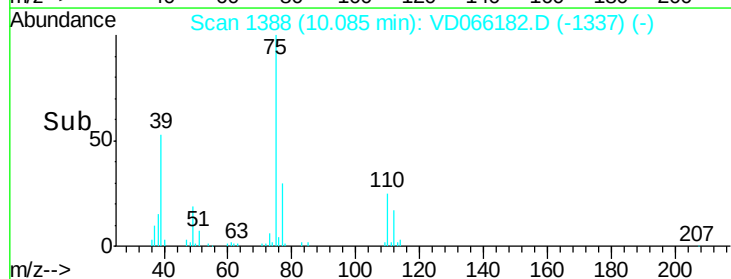
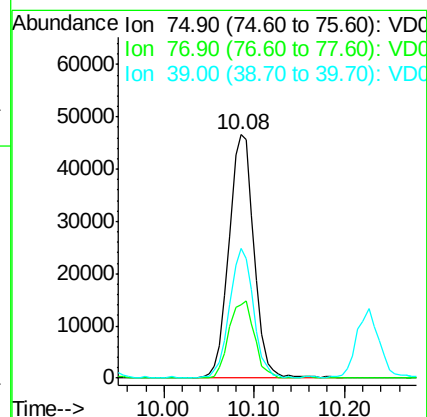
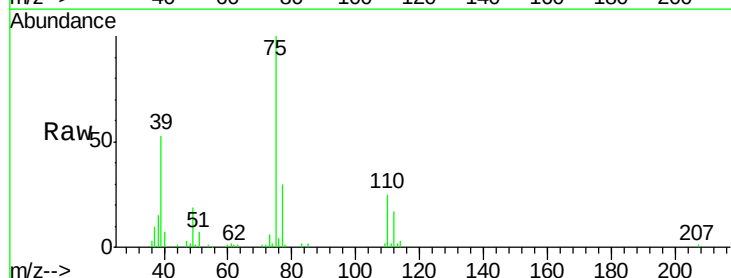
Tgt Ion: 75 Resp: 89572

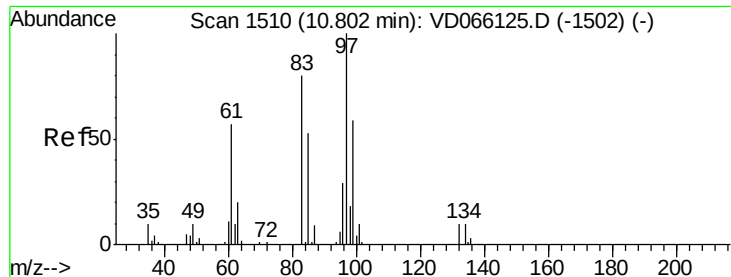
Ion Ratio Lower Upper

75 100

77 30.2 24.3 36.5

39 53.1 39.3 58.9

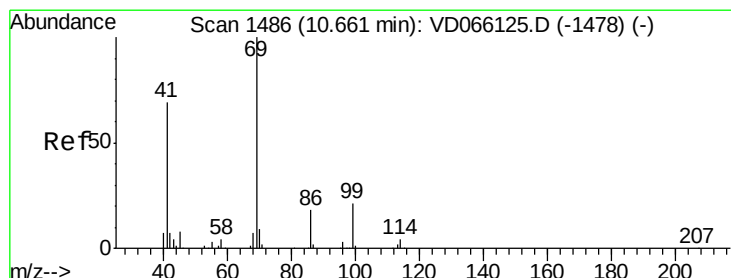
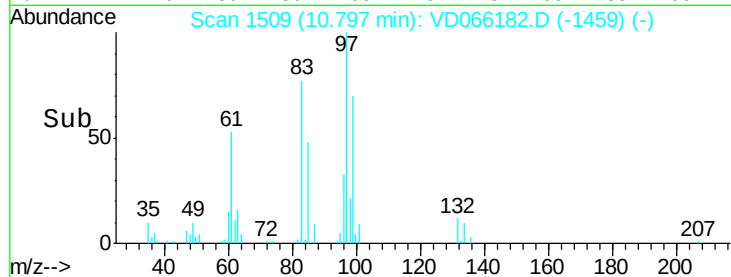
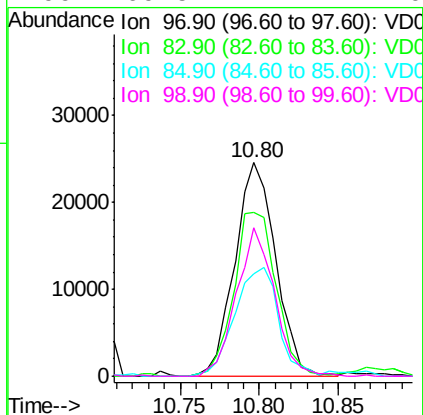
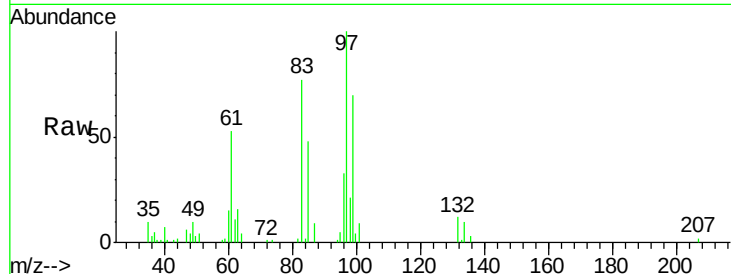




#55
 1,1,2-Trichloroethane
 Concen: 18.613 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

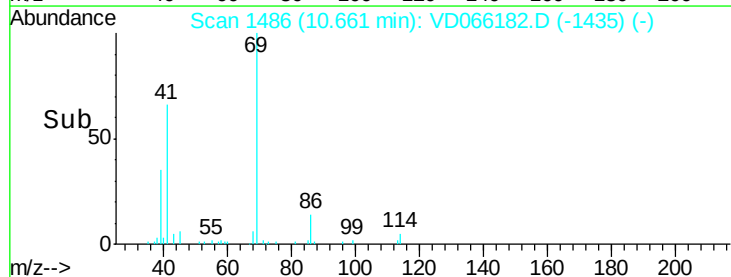
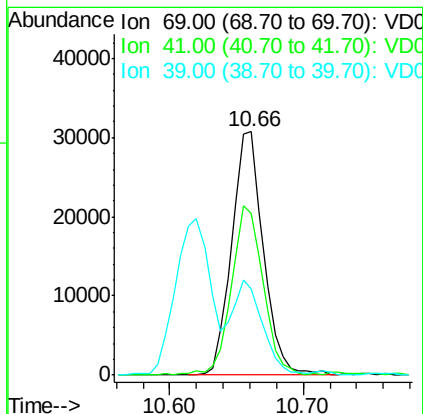
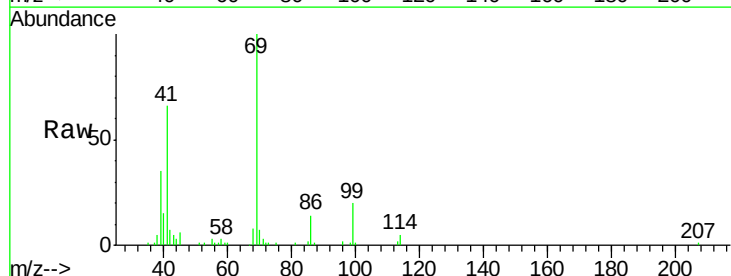
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

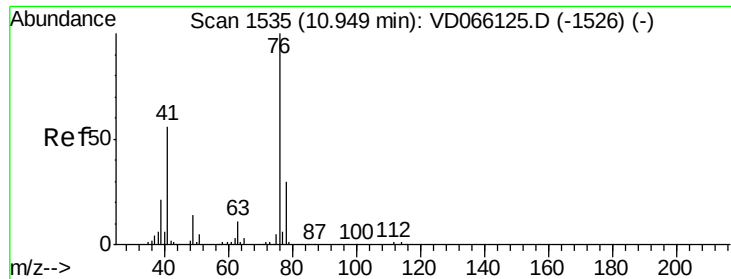
Tgt Ion:	97	Resp:	43964
Ion	Ratio	Lower	Upper
97	100		
83	76.9	63.9	95.9
85	48.0	42.5	63.7
99	69.5	47.4	71.0



#56
 Ethyl methacrylate
 Concen: 17.957 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion:	69	Resp:	50953
Ion	Ratio	Lower	Upper
69	100		
41	69.2	54.1	81.1
39	37.0	28.6	43.0

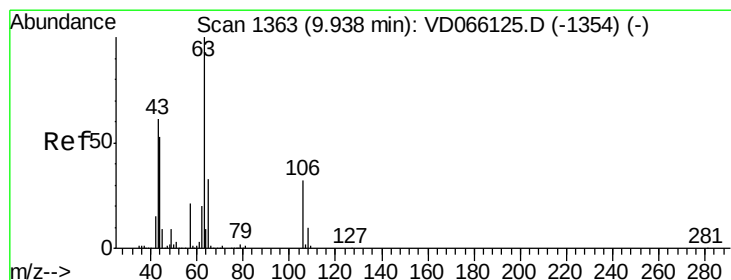
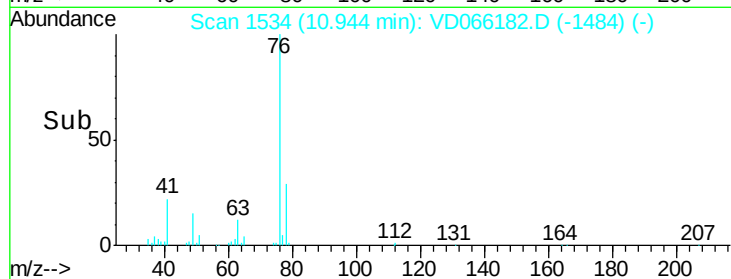
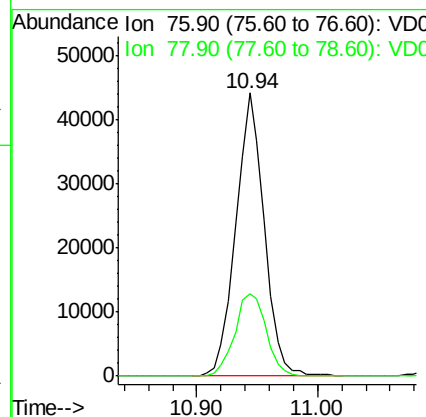
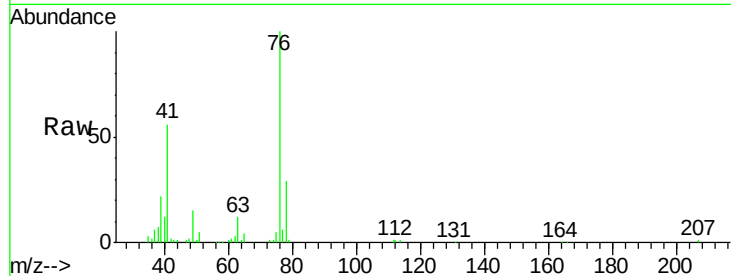




#57
 1,3-Dichloropropane
 Concen: 18.405 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

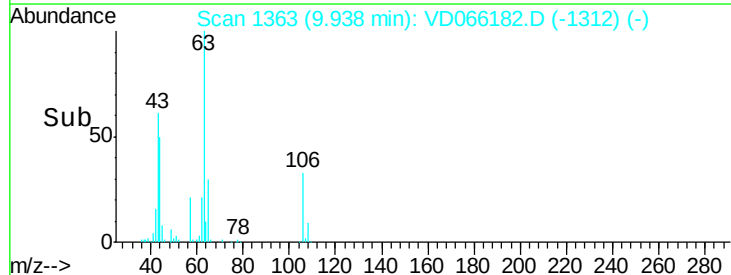
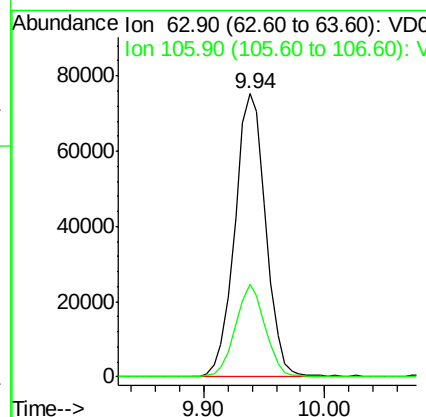
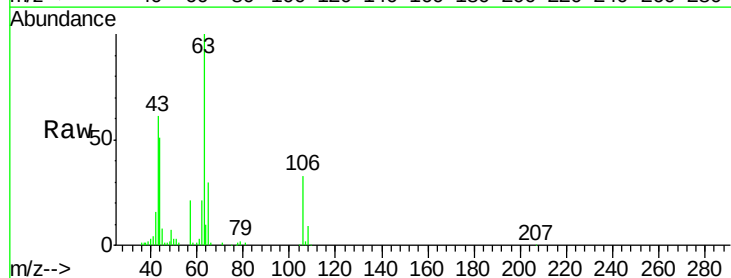
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

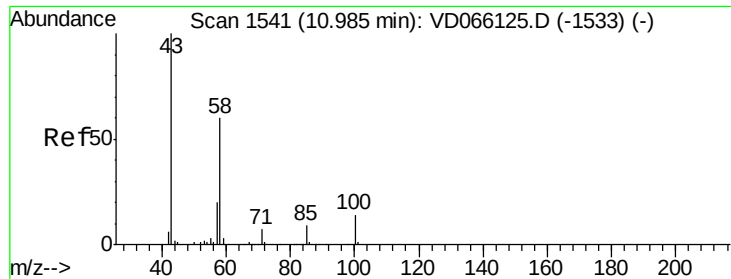
Tgt Ion: 76 Resp: 72173
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.787 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion: 63 Resp: 133743
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.3 37.9

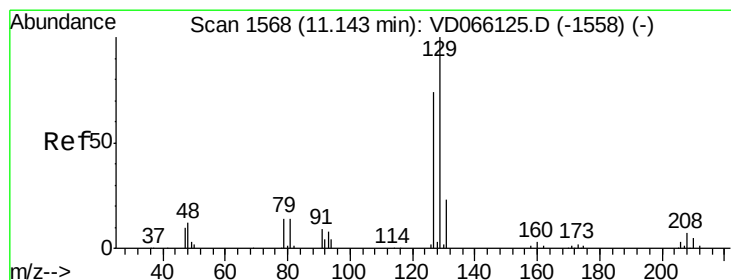
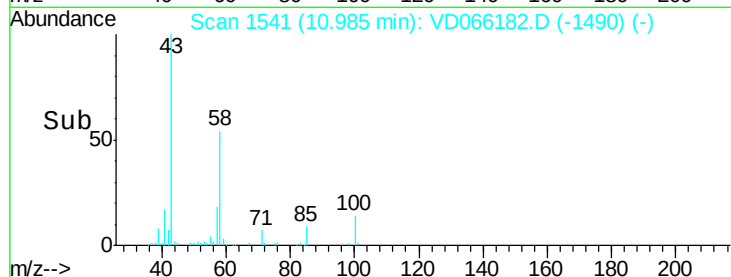
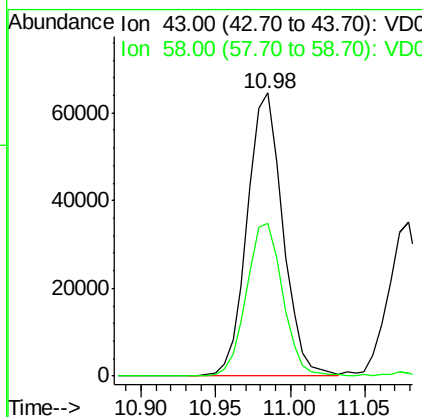
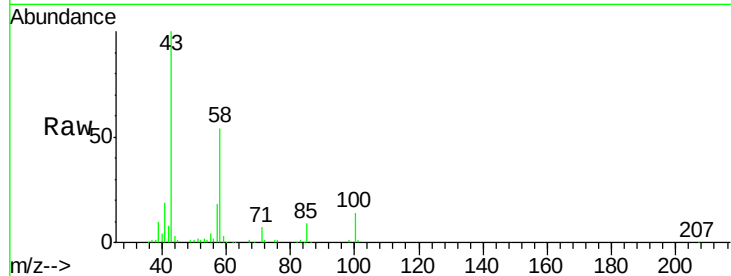




#59
2-Hexanone
Concen: 86.287 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

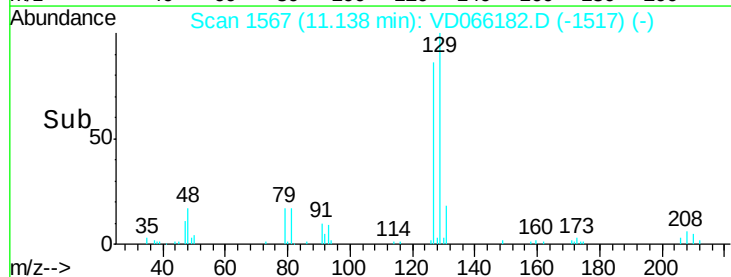
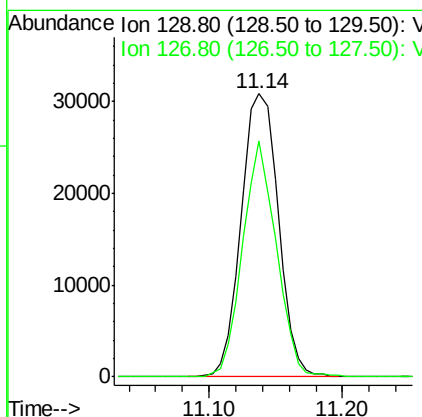
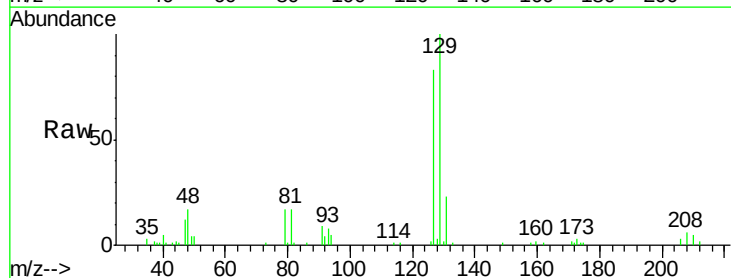
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

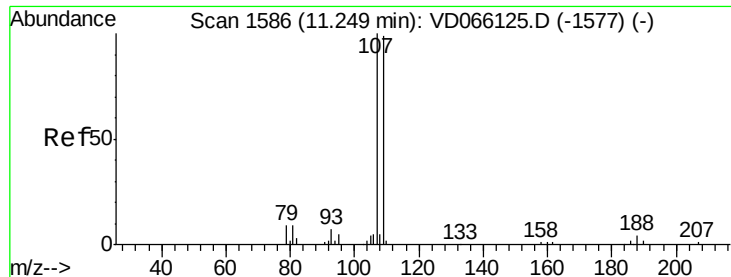
Tgt Ion: 43 Resp: 106585
Ion Ratio Lower Upper
43 100
58 54.9 27.8 83.4



#60
Dibromochloromethane
Concen: 18.286 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Tgt Ion: 129 Resp: 59630
Ion Ratio Lower Upper
129 100
127 75.2 38.0 114.1

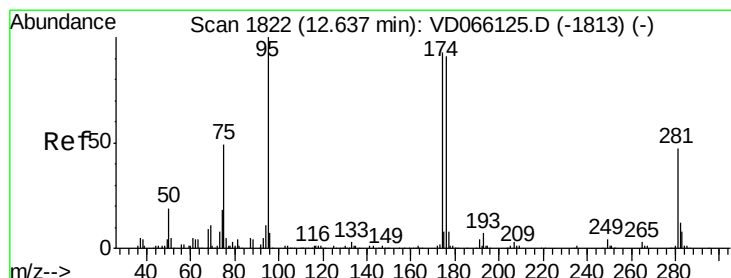
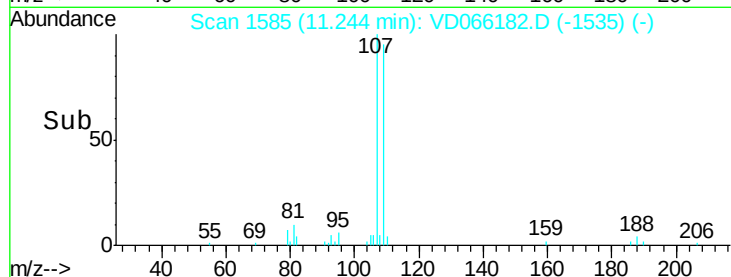
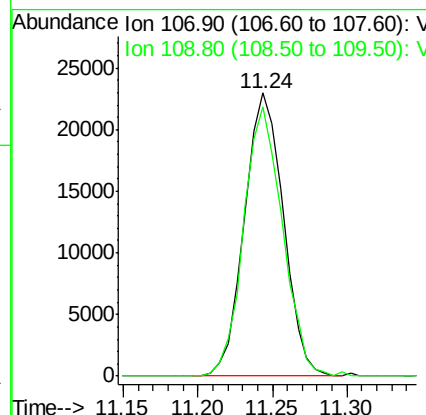
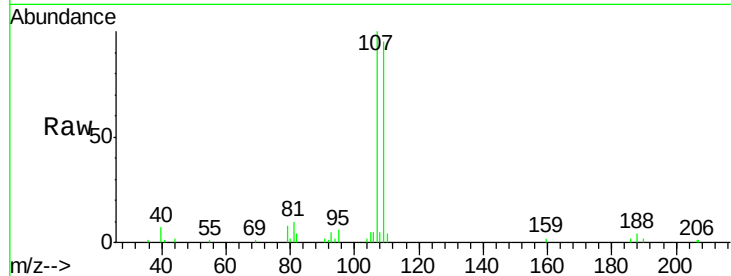




#61
 1,2-Dibromoethane
 Concen: 18.301 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

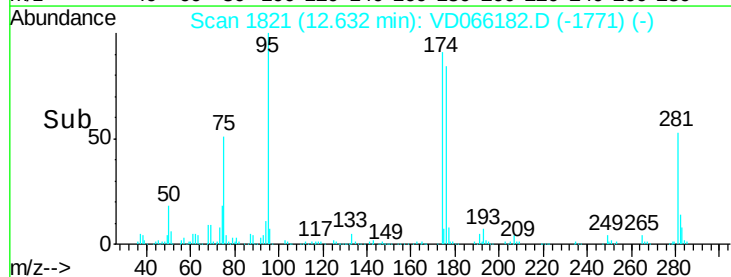
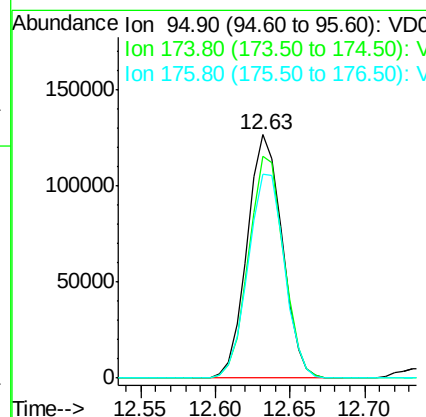
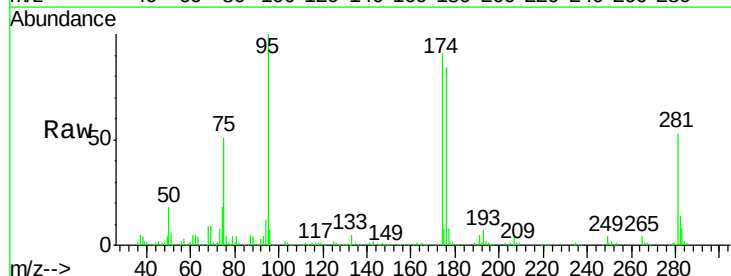
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

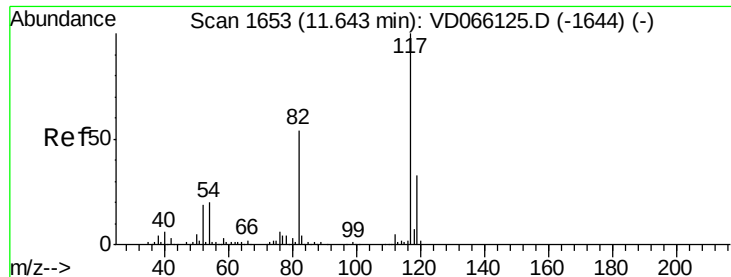
Tgt Ion: 107 Resp: 41573
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 52.134 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion: 95 Resp: 205201
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 180.8
 176 86.8 0.0 181.2

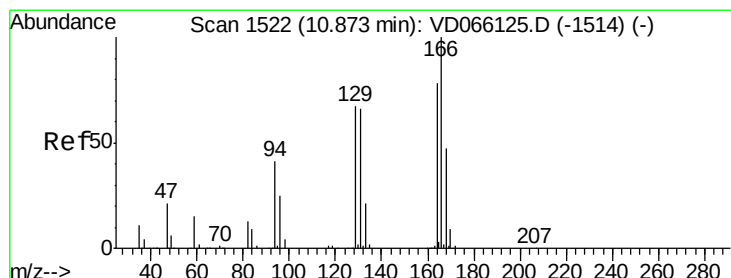
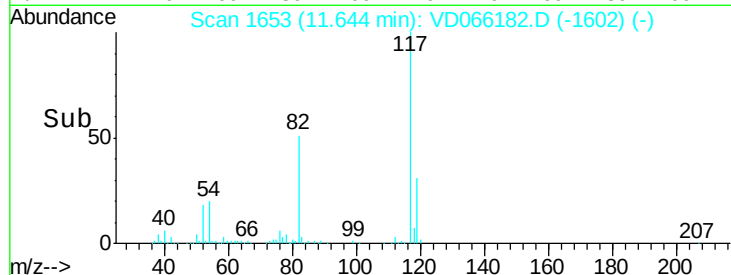
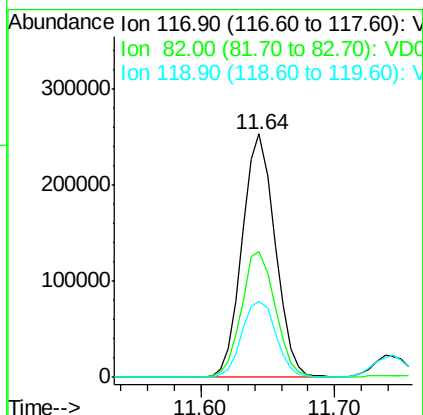
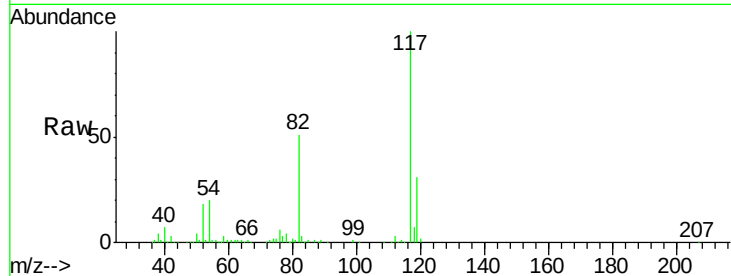




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

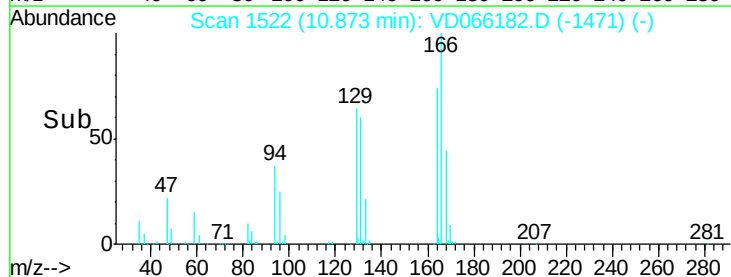
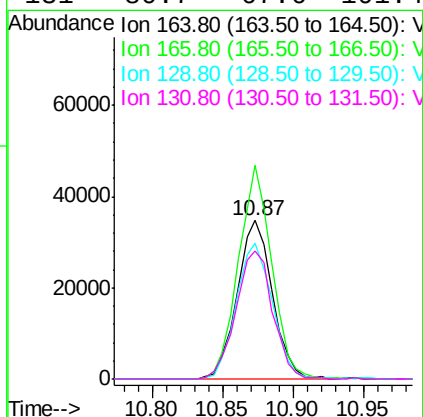
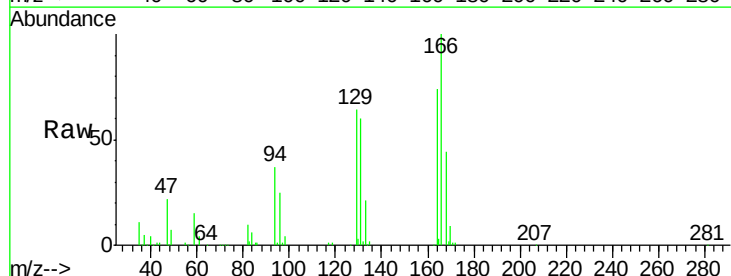
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

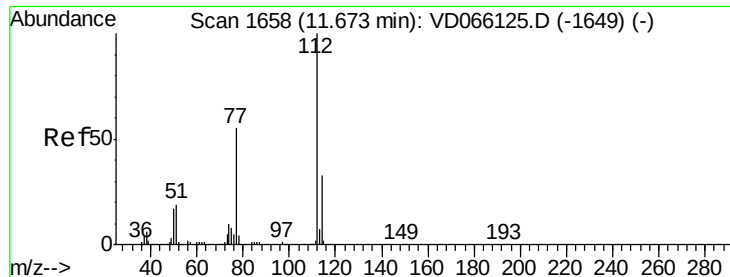
Tgt Ion:117 Resp: 433781
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.1 26.1 39.1



#64
Tetrachloroethene
Concen: 18.190 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Tgt Ion:164 Resp: 60590
Ion Ratio Lower Upper
164 100
166 135.0 101.9 152.9
129 86.2 68.1 102.1
131 80.7 67.6 101.4





#65

Chlorobenzene

Concen: 18.821 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

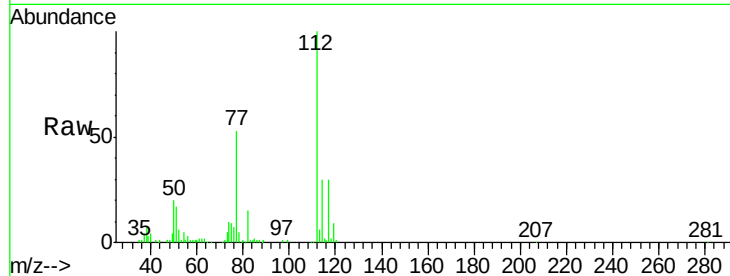
VD0811SBSD01

Tgt Ion:112 Resp: 165738

Ion Ratio Lower Upper

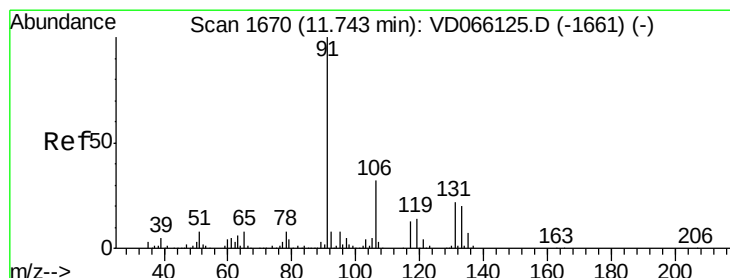
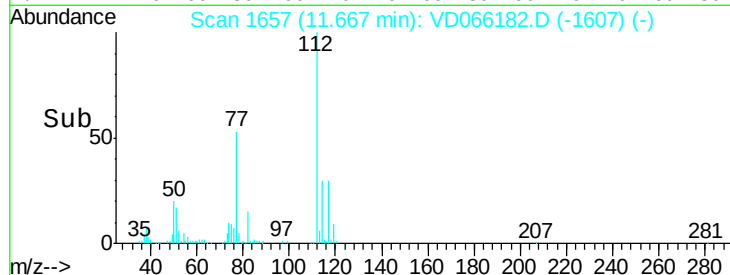
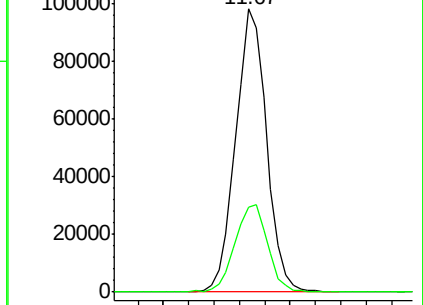
112 100

114 30.1 26.1 39.1



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: 18.154 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

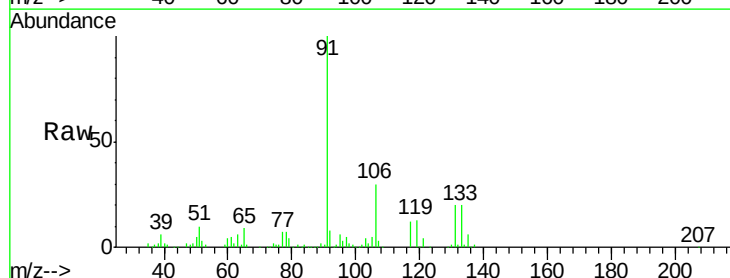
Tgt Ion:131 Resp: 62551

Ion Ratio Lower Upper

131 100

133 96.9 47.1 141.4

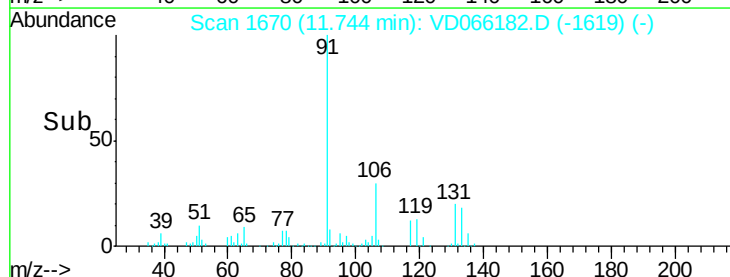
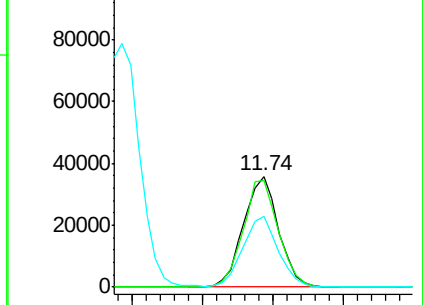
119 64.0 31.6 94.7

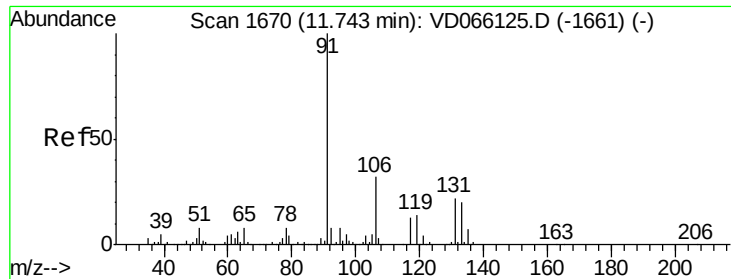


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.939 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

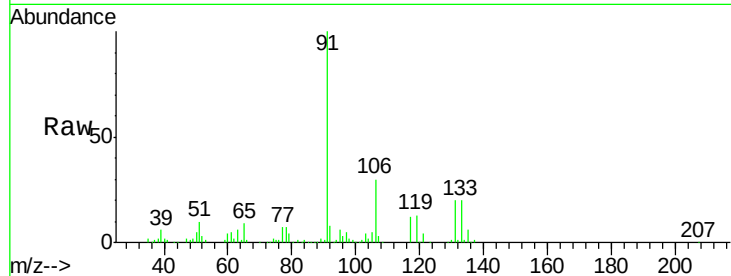
VD0811SBSD01

Tgt Ion: 91 Resp: 288998

Ion Ratio Lower Upper

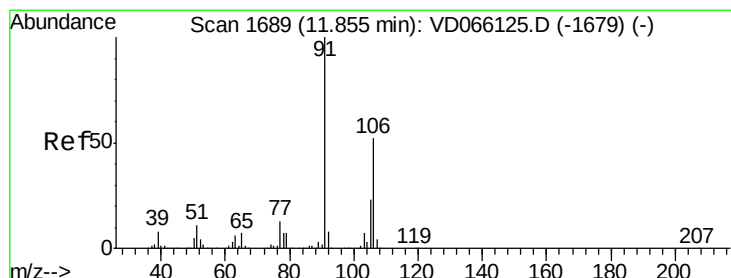
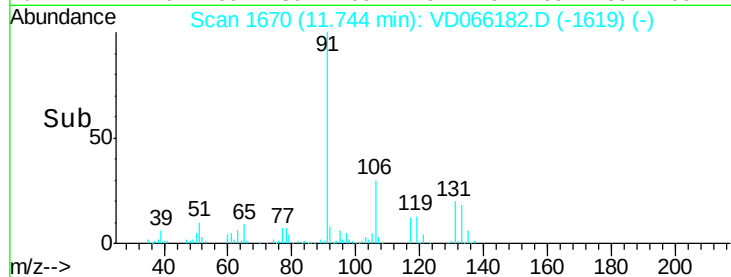
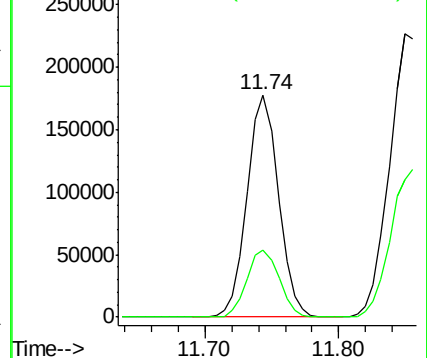
91 100

106 30.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.947 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066182.D

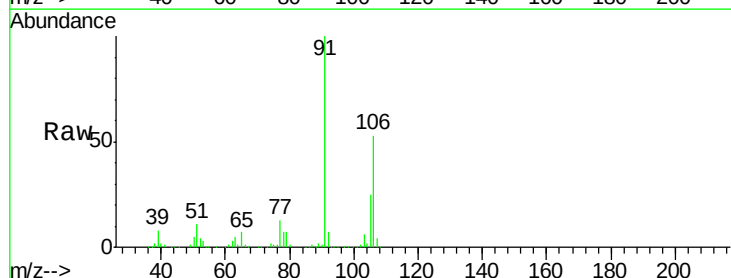
Acq: 11 Aug 2020 12:56

Tgt Ion: 106 Resp: 224351

Ion Ratio Lower Upper

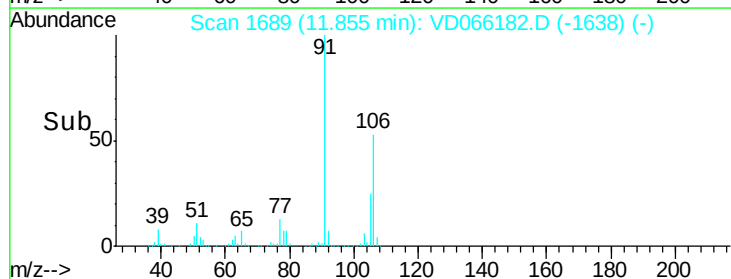
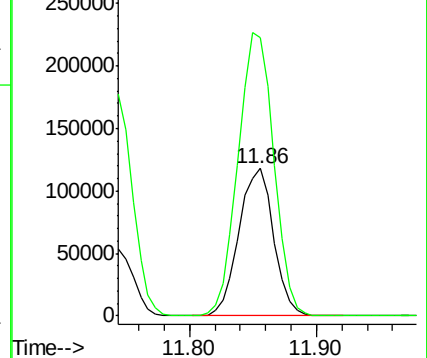
106 100

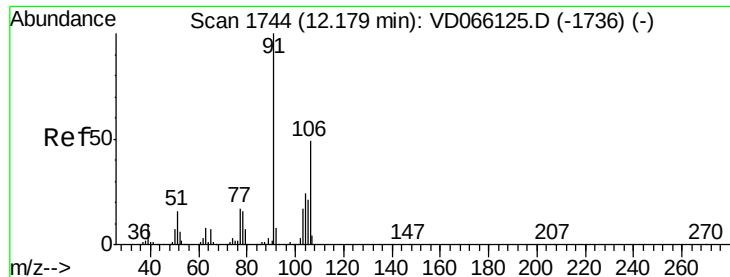
91 197.4 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

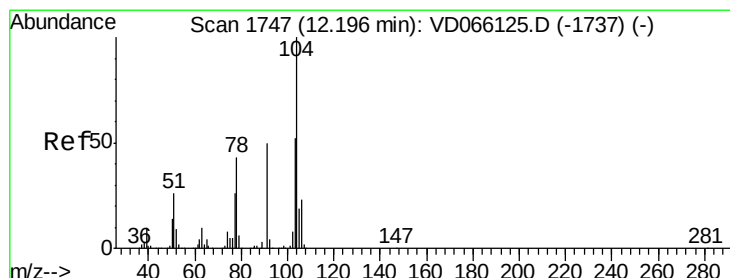
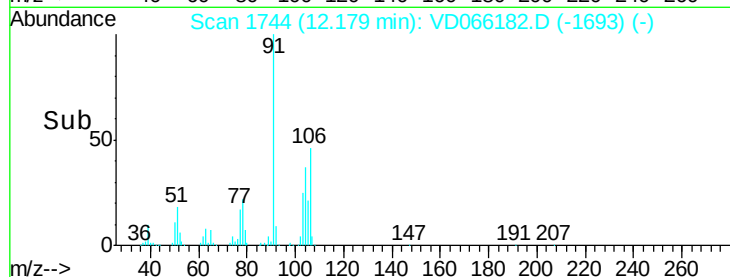
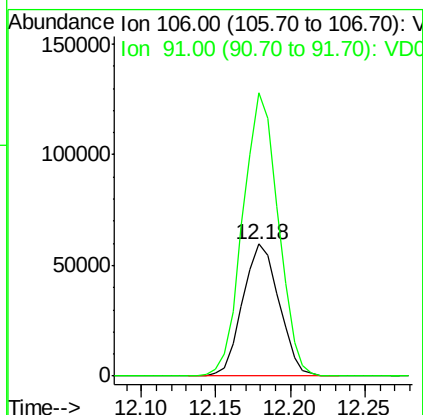
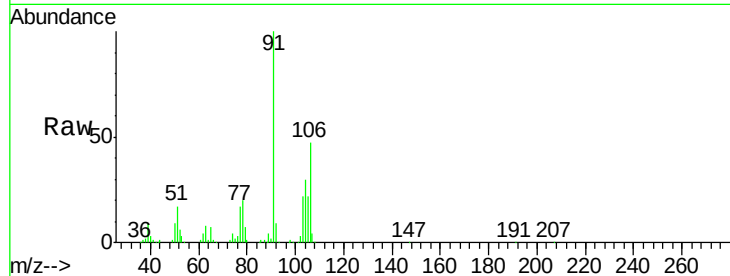




#69
o-Xylene
Concen: 18.767 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

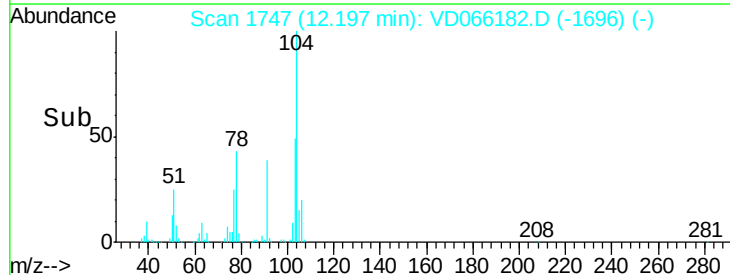
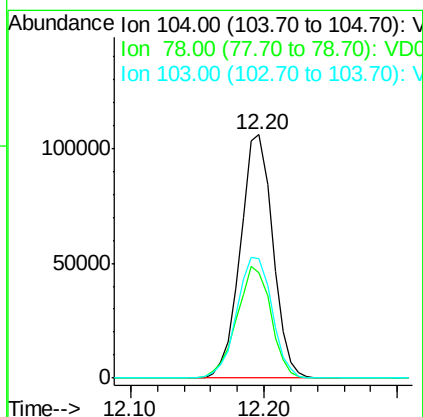
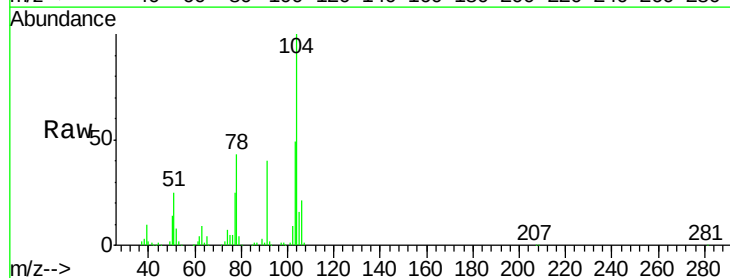
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

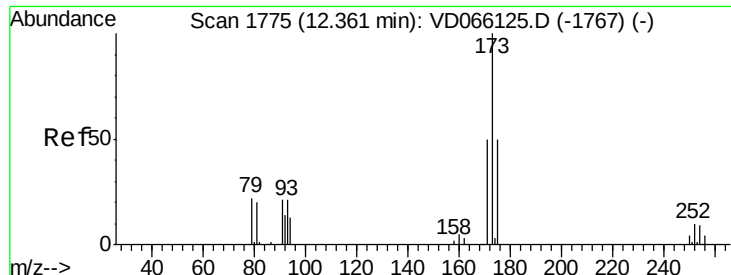
Tgt Ion:106 Resp: 100933
Ion Ratio Lower Upper
106 100
91 208.5 105.7 317.1



#70
Styrene
Concen: 18.878 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Tgt Ion:104 Resp: 177930
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 54.0 44.1 66.1





#71

Bromoform

Concen: 17.354 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBSD01

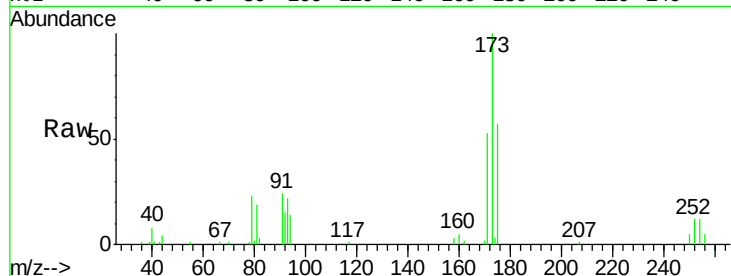
Tgt Ion:173 Resp: 35426

Ion Ratio Lower Upper

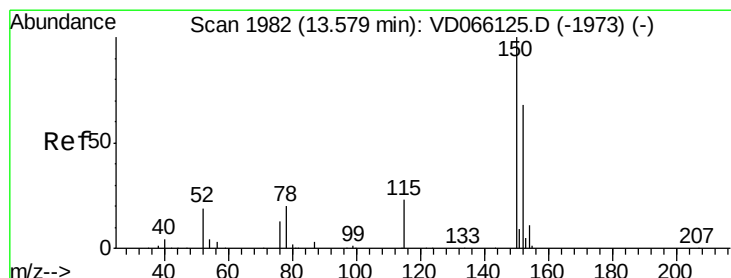
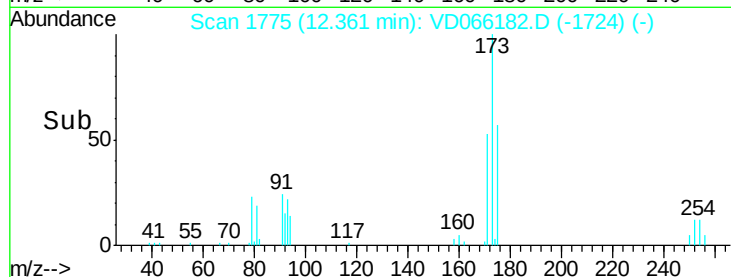
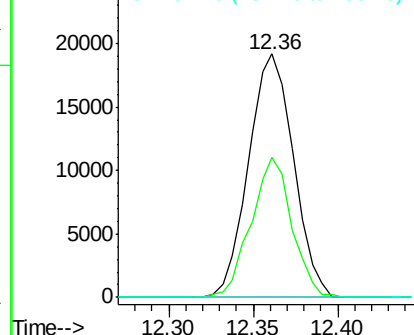
173 100

175 52.1 24.6 73.6

254 0.0 0.2 0.2#



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: VD066182.D

Acq: 11 Aug 2020 12:56

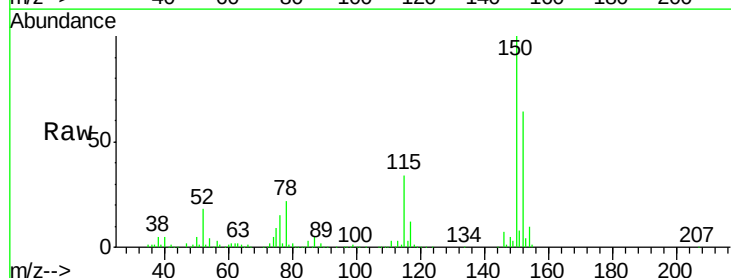
Tgt Ion:152 Resp: 225289

Ion Ratio Lower Upper

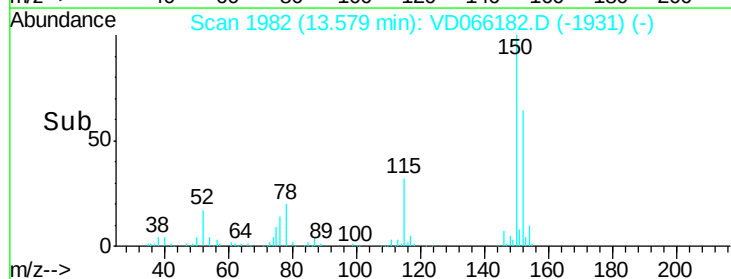
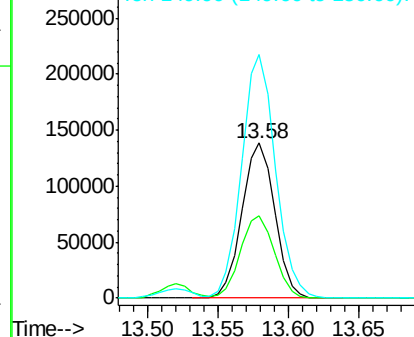
152 100

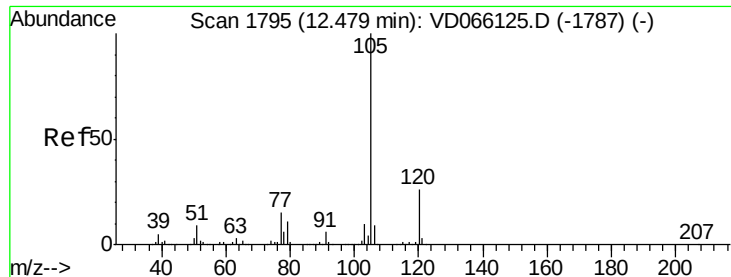
115 54.7 28.0 83.9

150 161.8 0.0 346.4



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: 18.405 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

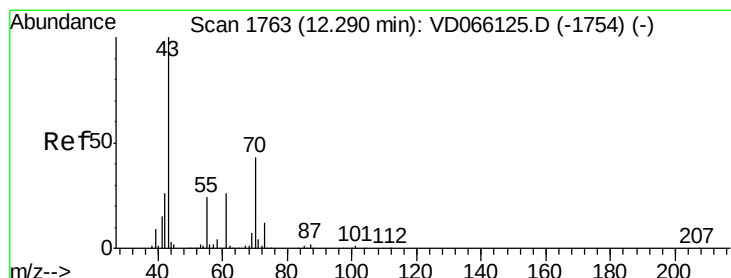
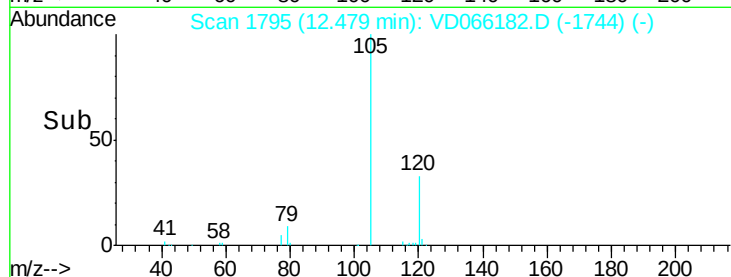
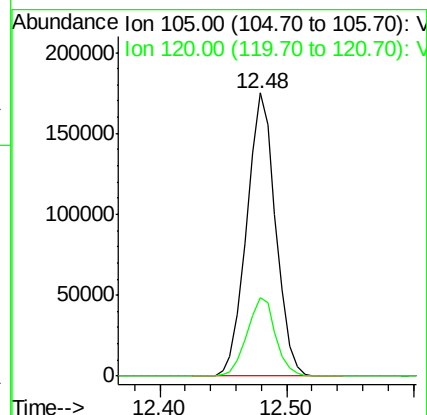
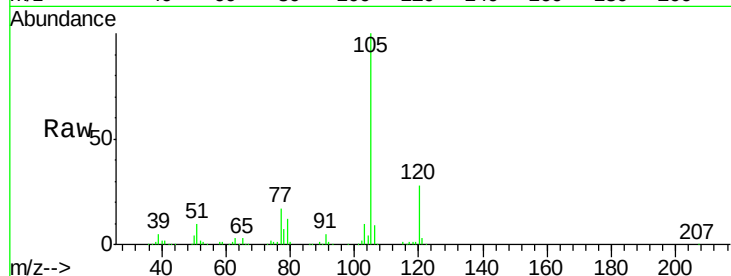
VD0811SBSD01

Tgt Ion: 105 Resp: 276786

Ion Ratio Lower Upper

105 100

120 27.5 13.3 39.9



#74

N-ethyl acetate

Concen: 18.134 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Tgt Ion: 43 Resp: 60054

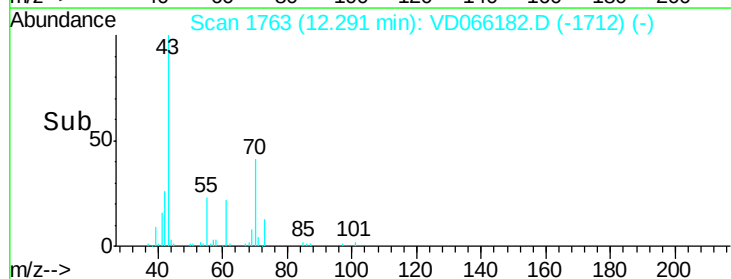
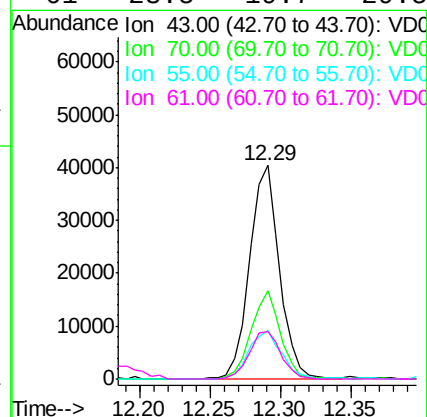
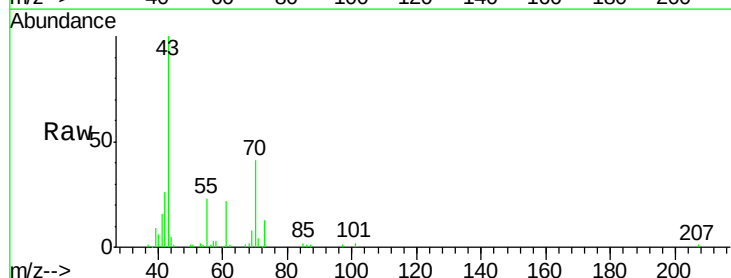
Ion Ratio Lower Upper

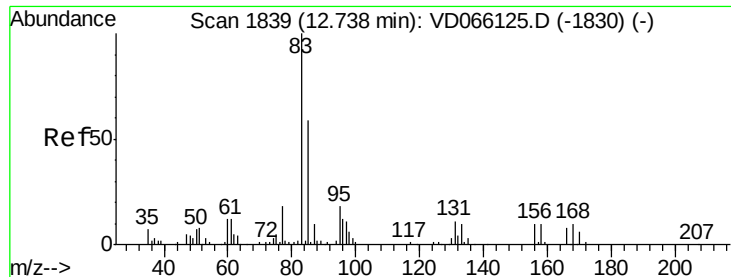
43 100

70 40.6 34.9 52.3

55 24.4 19.2 28.8

61 23.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.350 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBSD01

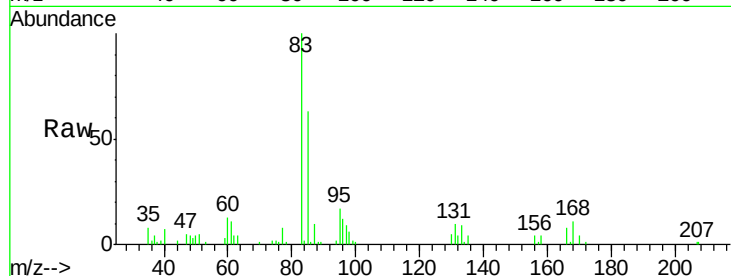
Tgt Ion: 83 Resp: 47056

Ion Ratio Lower Upper

83 100

131 11.4 6.2 18.6

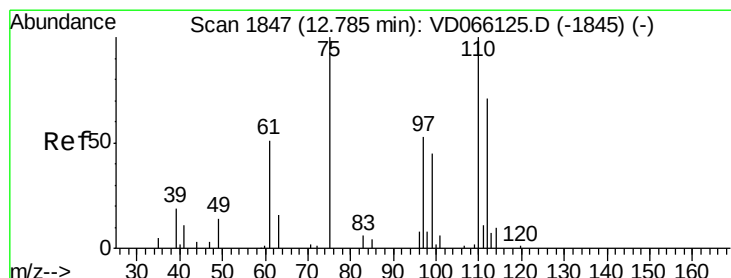
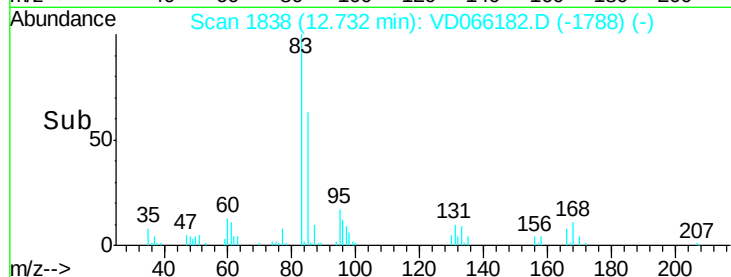
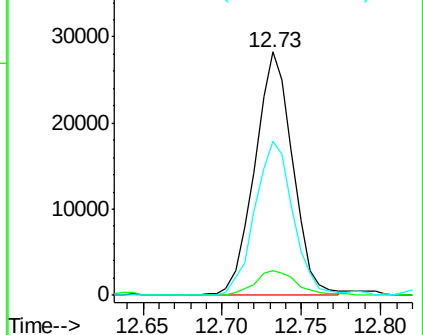
85 63.5 32.4 97.2



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: 32.535 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066182.D

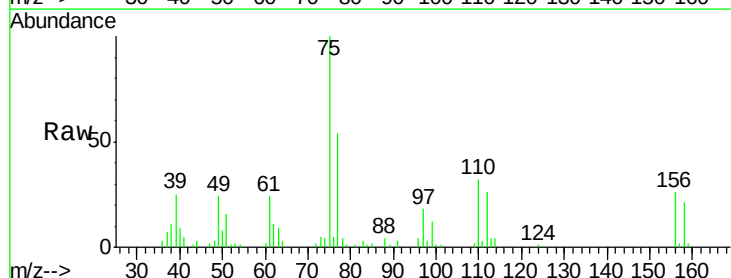
Acq: 11 Aug 2020 12:56

Tgt Ion: 75 Resp: 61125

Ion Ratio Lower Upper

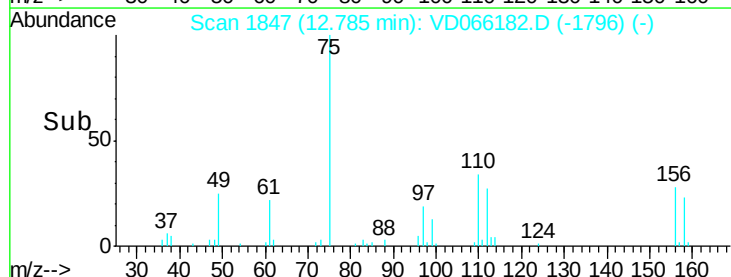
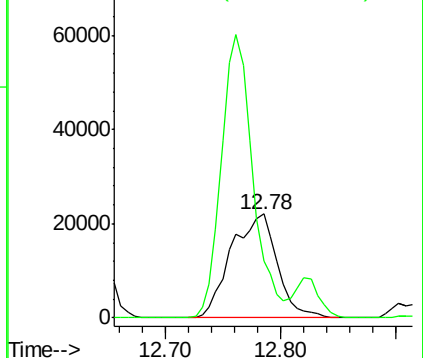
75 100

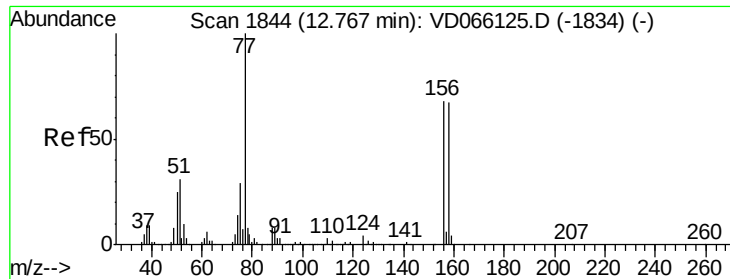
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 18.848 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBSD01

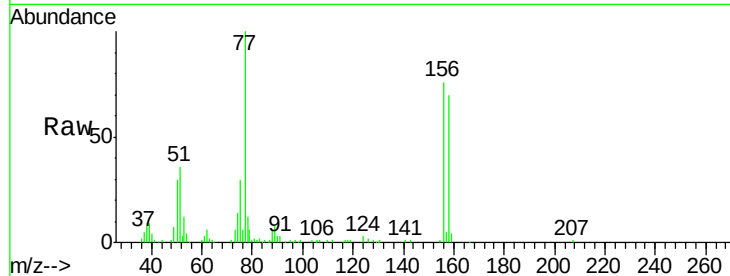
Tgt Ion:156 Resp: 72965

Ion Ratio Lower Upper

156 100

77 156.5 81.0 243.1

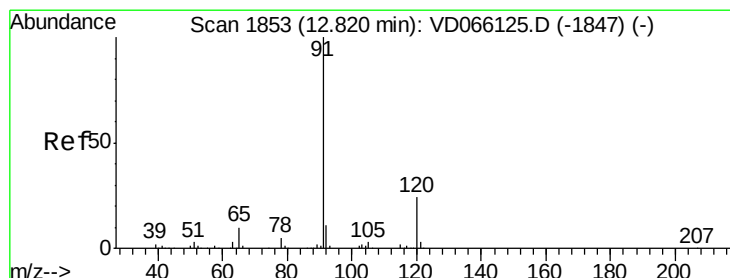
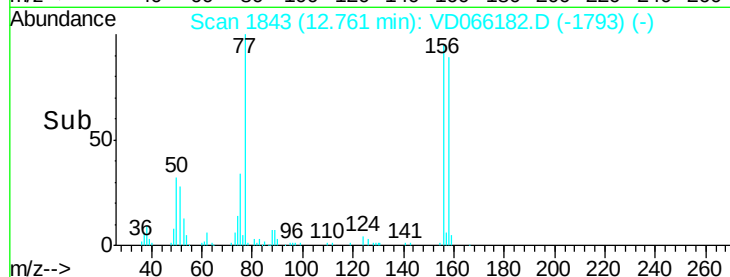
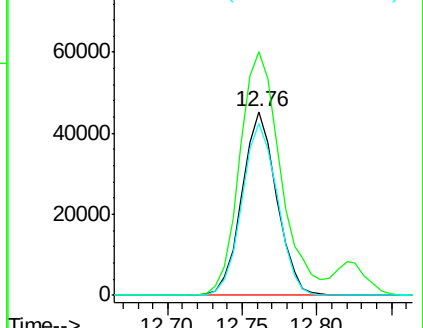
158 95.2 48.8 146.3



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: 18.817 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066182.D

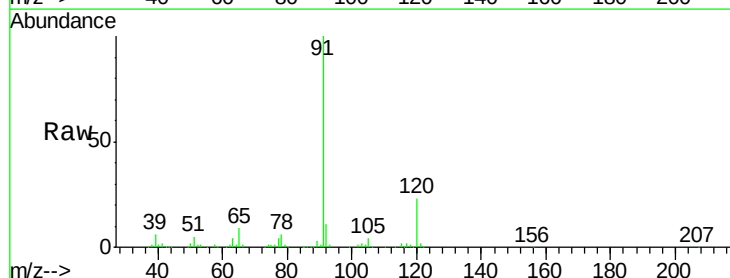
Acq: 11 Aug 2020 12:56

Tgt Ion: 91 Resp: 328946

Ion Ratio Lower Upper

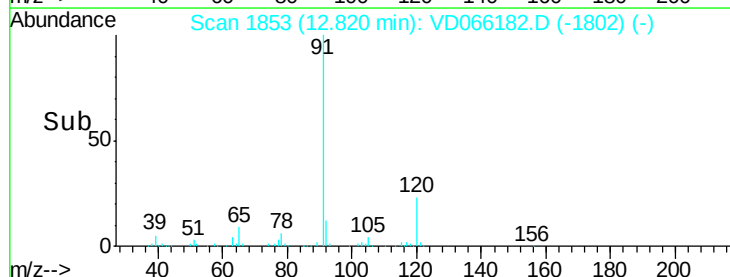
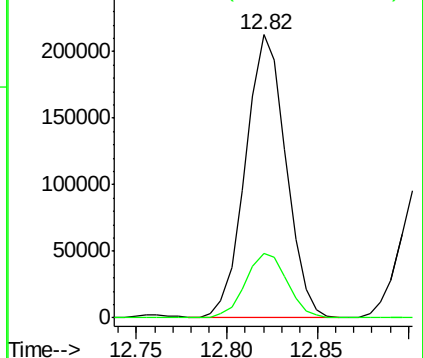
91 100

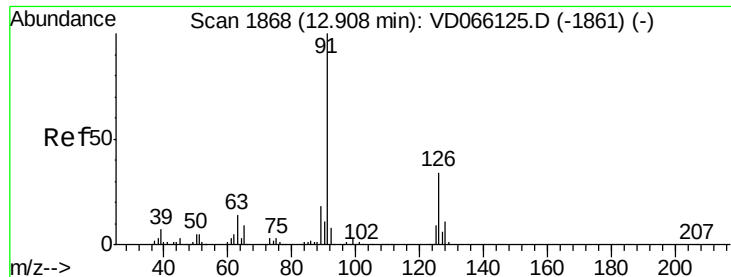
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.599 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

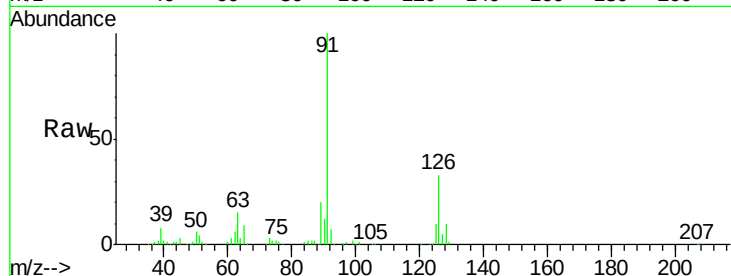
VD0811SBSD01

Tgt Ion: 91 Resp: 185957

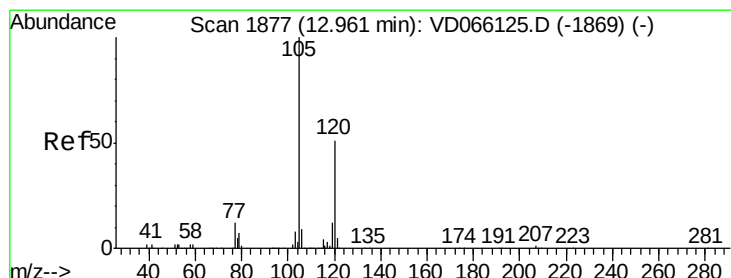
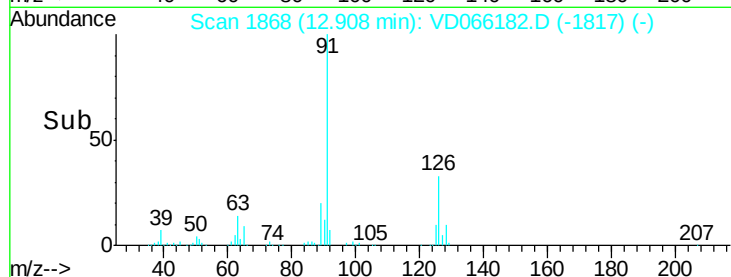
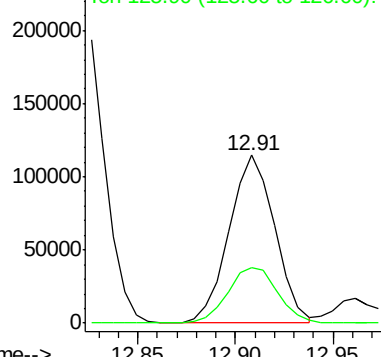
Ion Ratio Lower Upper

91 100

126 36.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066182.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.986 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066182.D

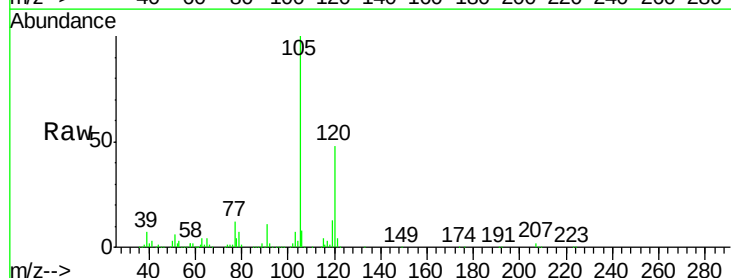
Acq: 11 Aug 2020 12:56

Tgt Ion: 105 Resp: 238789

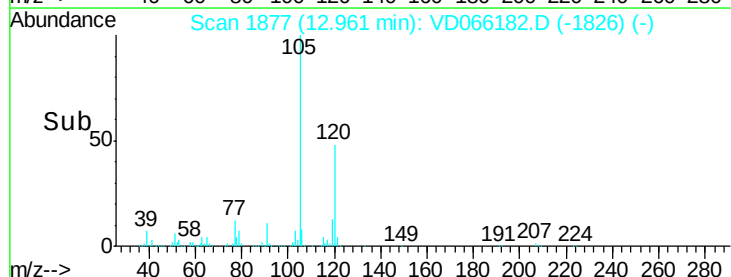
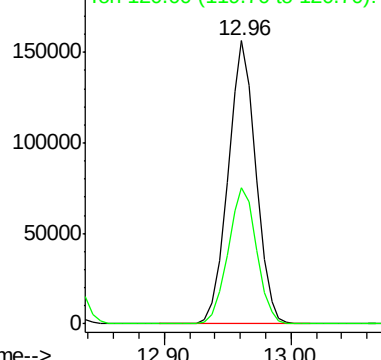
Ion Ratio Lower Upper

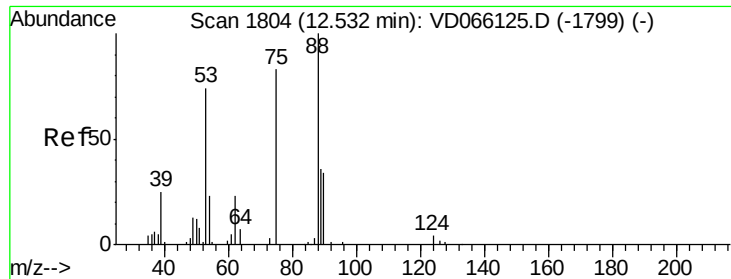
105 100

120 49.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066182.D (-1826) (-)

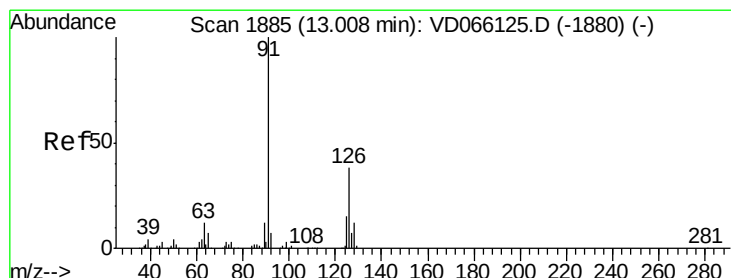
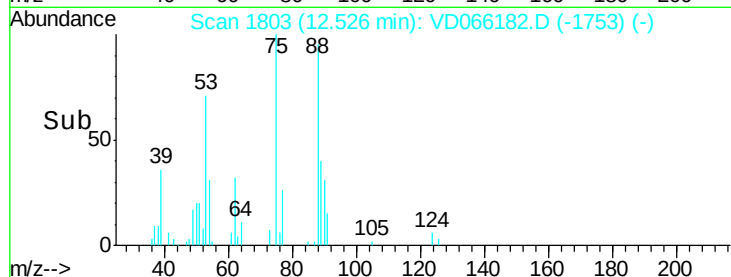
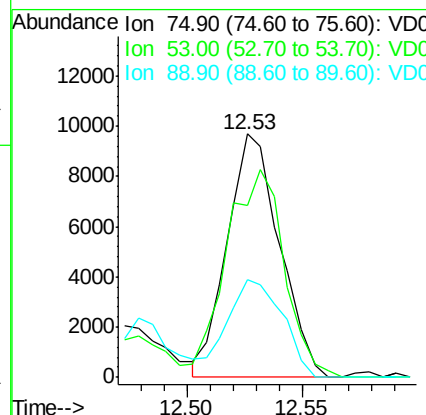
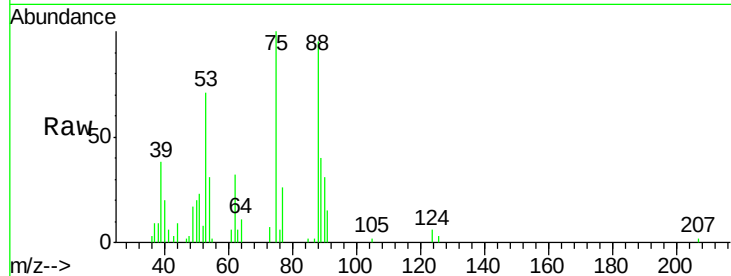




#81
trans-1,4-Dichloro-2-butene
Concen: 18.014 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

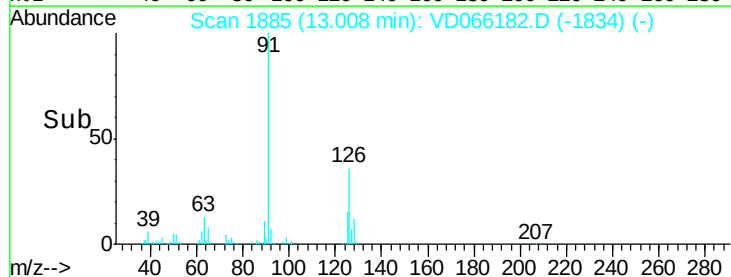
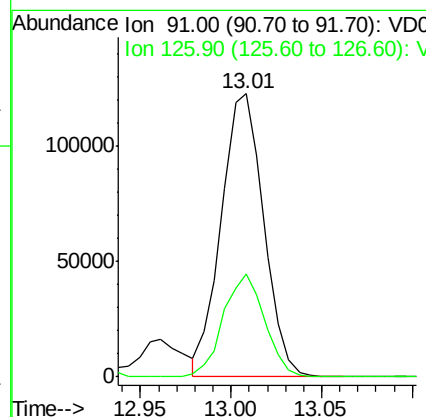
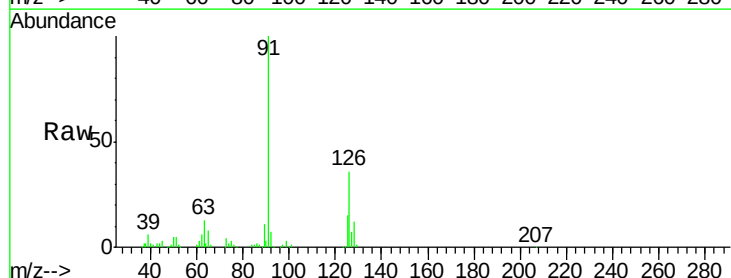
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

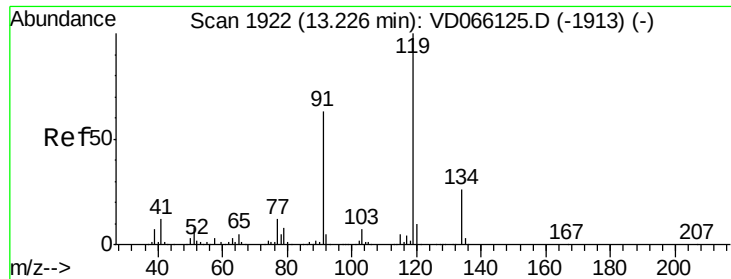
Tgt Ion: 75 Resp: 15310
Ion Ratio Lower Upper
75 100
53 94.5 73.4 110.2
89 42.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 18.930 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Tgt Ion: 91 Resp: 199800
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.3

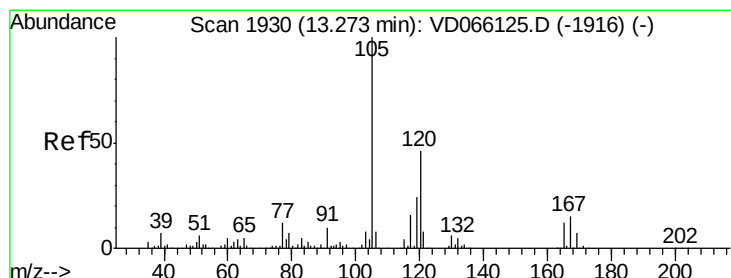
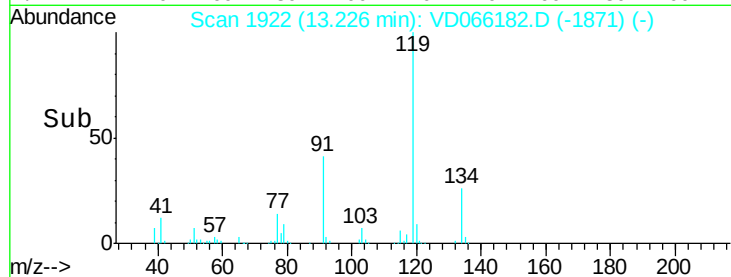
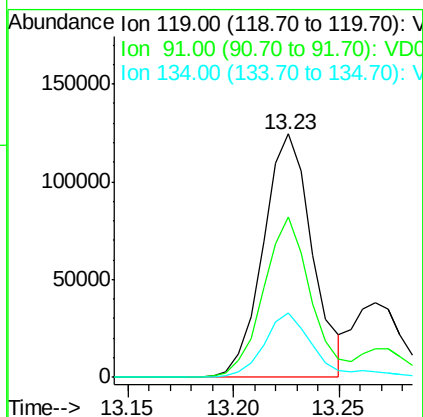
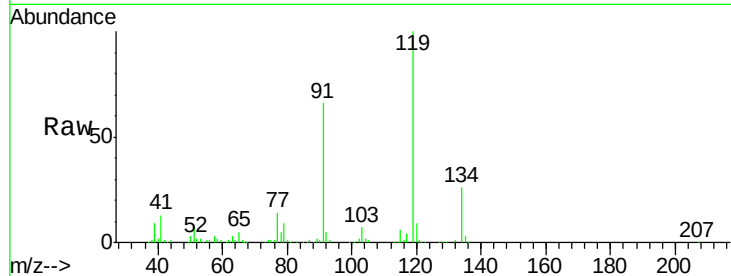




#83
 tert-Butylbenzene
 Concen: 18.181 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

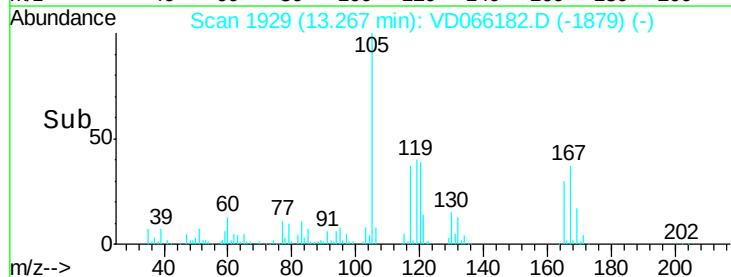
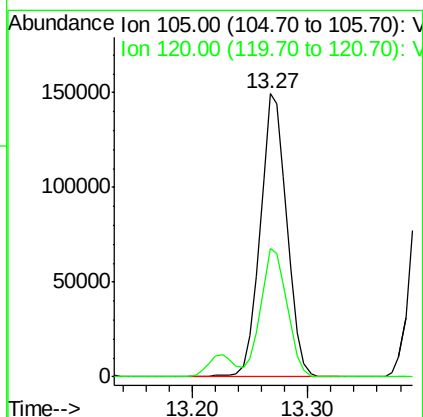
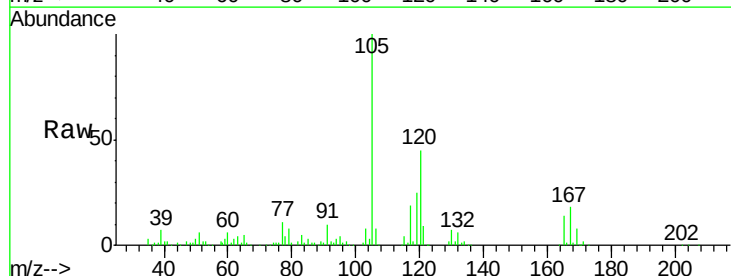
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

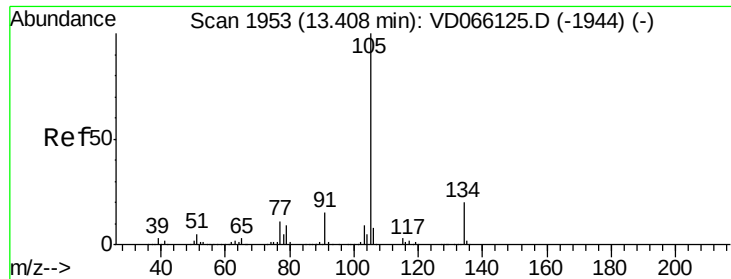
Tgt Ion:119 Resp: 201093
 Ion Ratio Lower Upper
 119 100
 91 64.1 30.8 92.4
 134 27.3 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.037 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion:105 Resp: 239604
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.794 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

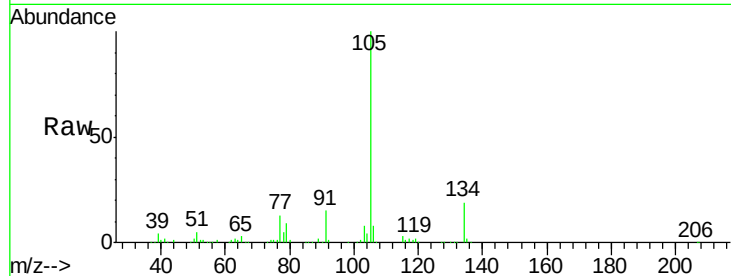
VD0811SBSD01

Tgt Ion:105 Resp: 280650

Ion Ratio Lower Upper

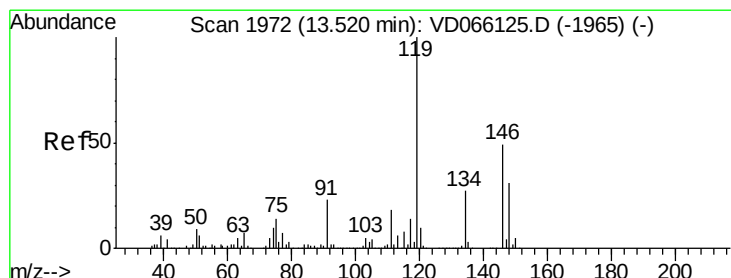
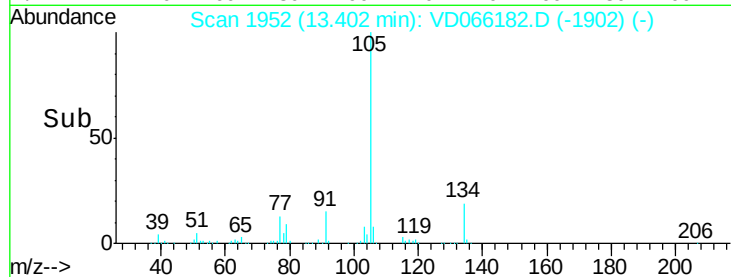
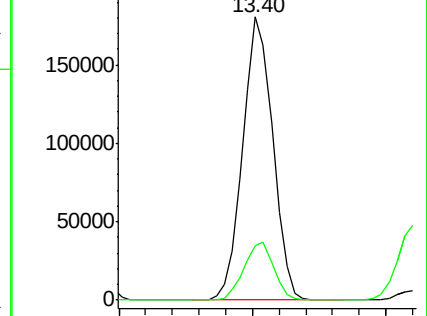
105 100

134 20.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.673 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

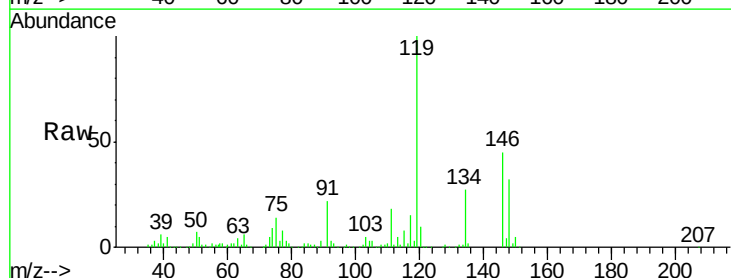
Tgt Ion:119 Resp: 261532

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

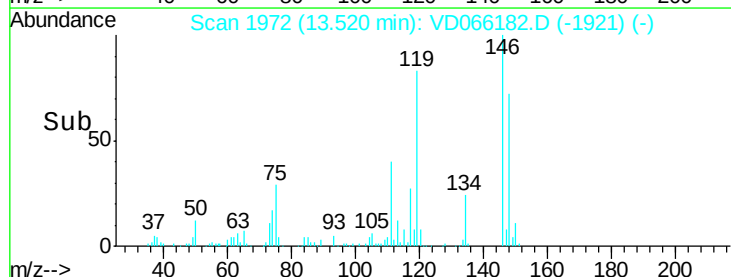
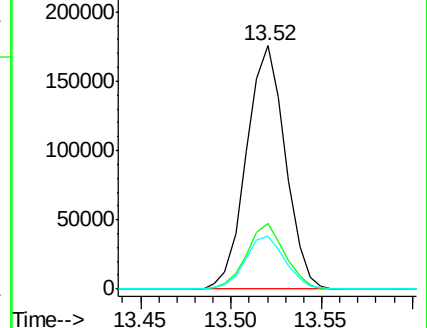
91 22.1 11.2 33.5

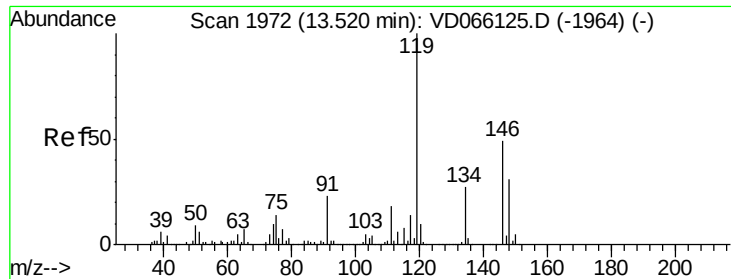


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

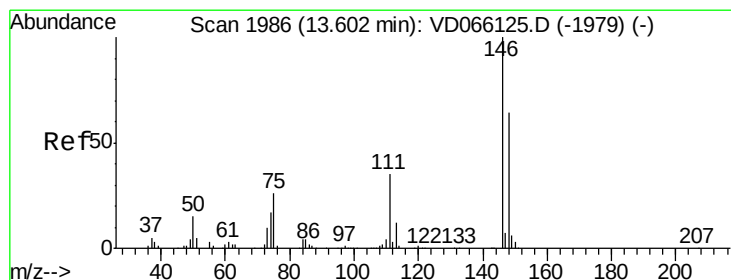
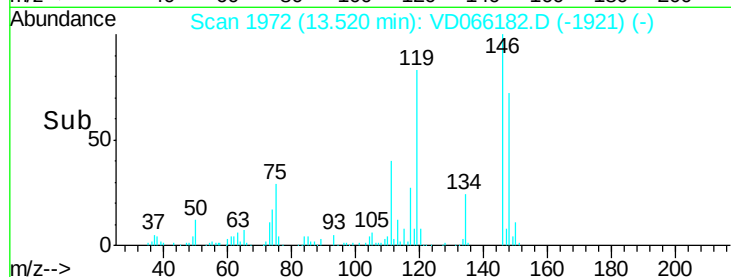
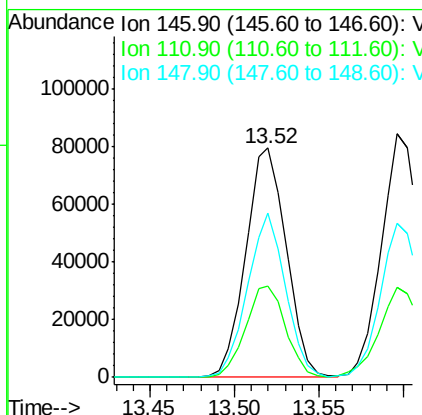
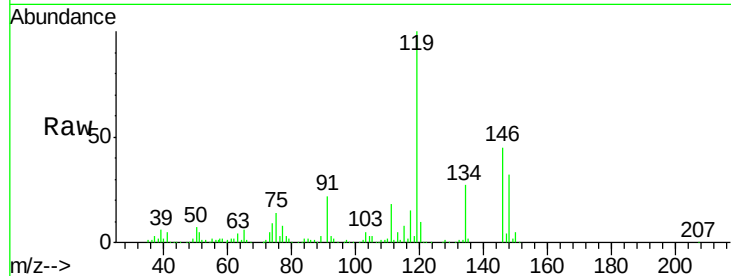




#87
 1,3-Dichlorobenzene
 Concen: 18.253 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

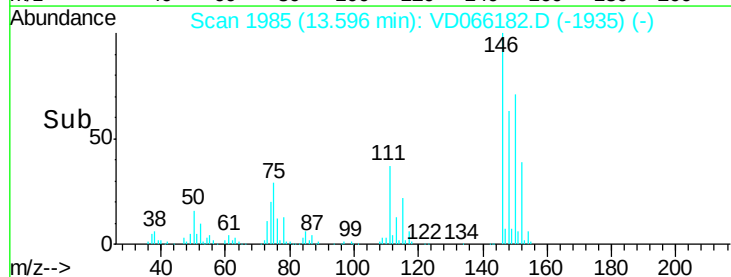
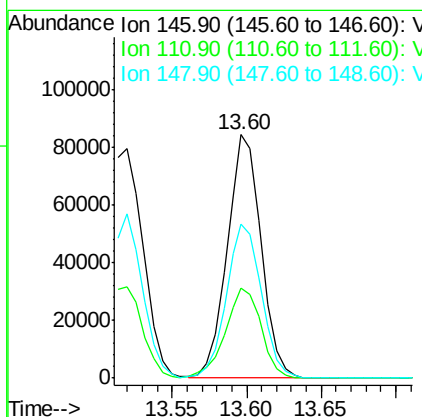
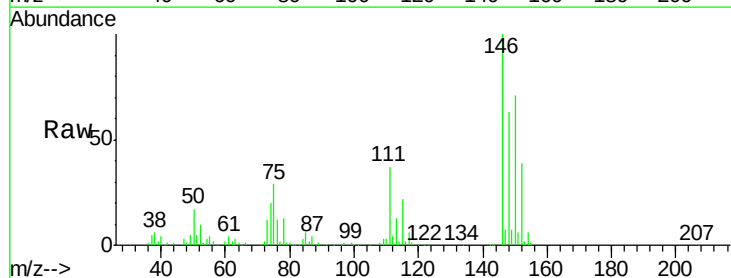
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

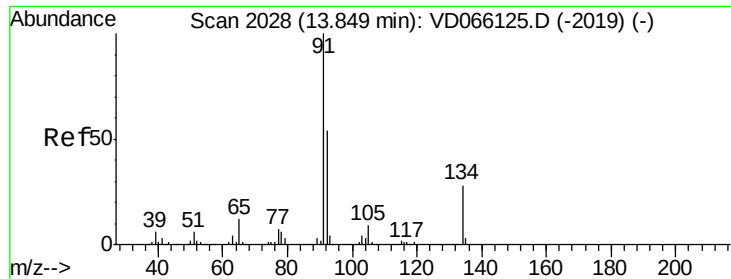
Tgt Ion:146 Resp: 132803
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.9 56.9
 148 67.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.482 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion:146 Resp: 134106
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.6 55.8
 148 65.3 32.4 97.0

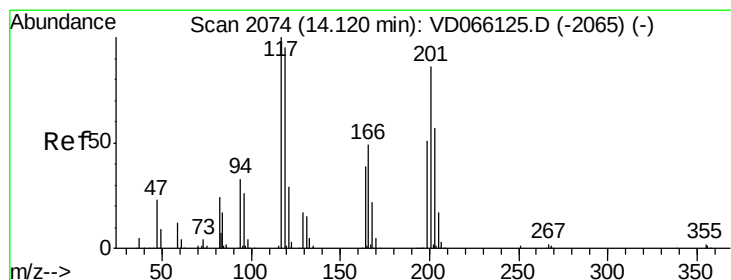
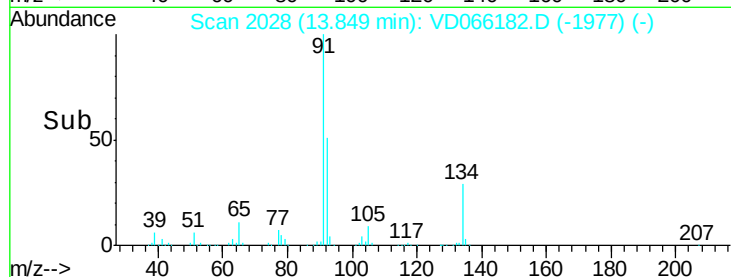
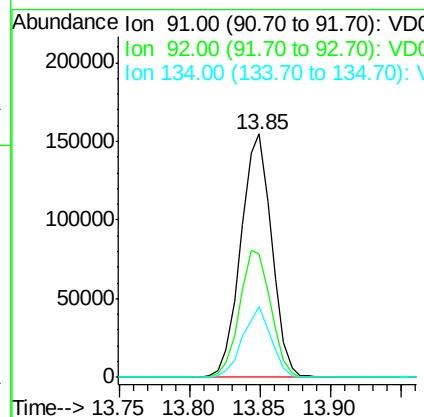
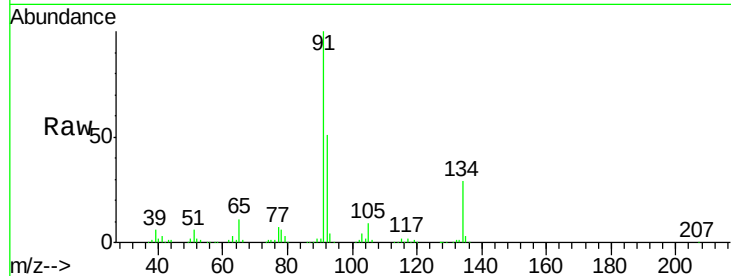




#89
n-Butylbenzene
Concen: 18.867 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

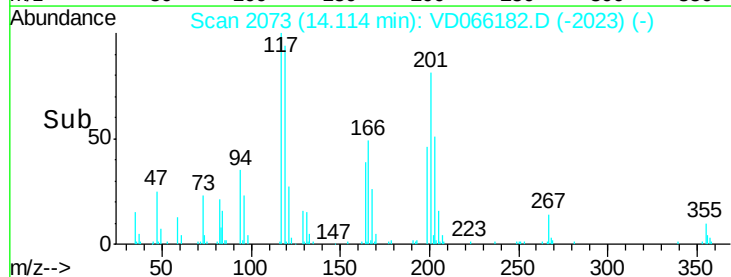
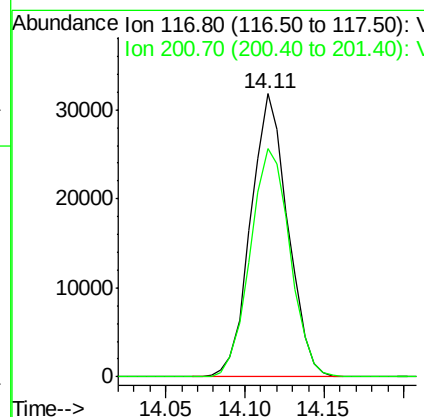
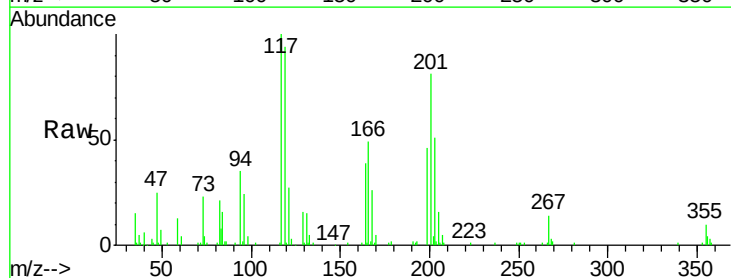
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

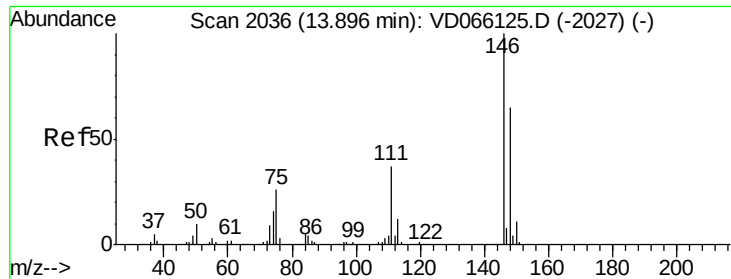
Tgt Ion: 91 Resp: 236753
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.3
134 27.1 14.0 41.9



#90
Hexachloroethane
Concen: 18.535 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066182.D
Acq: 11 Aug 2020 12:56

Tgt Ion: 117 Resp: 51776
Ion Ratio Lower Upper
117 100
201 86.1 42.7 128.1

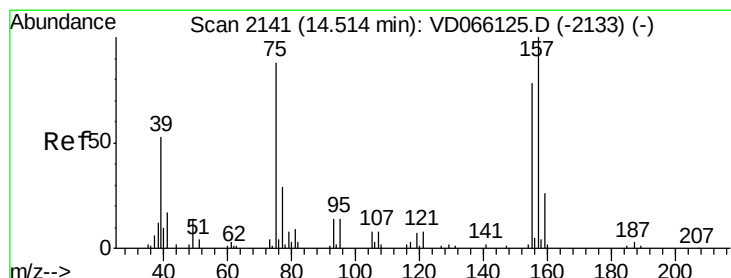
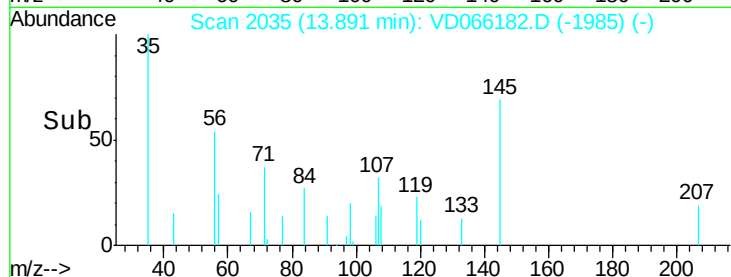
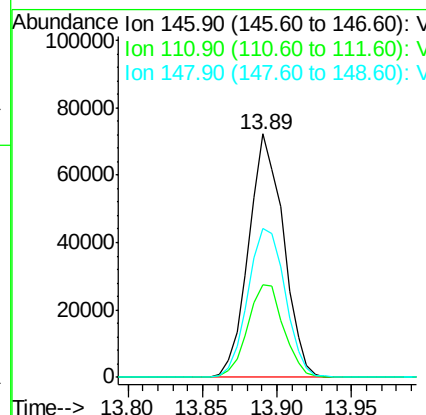
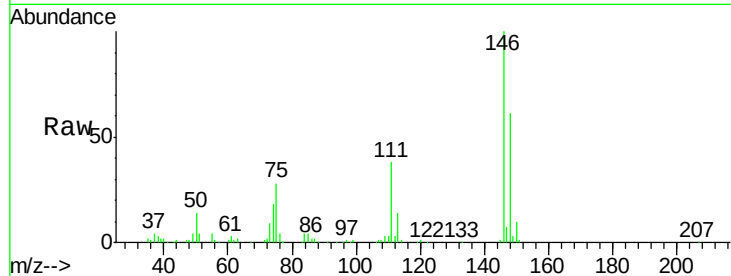




#91
 1,2-Dichlorobenzene
 Concen: 18.103 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

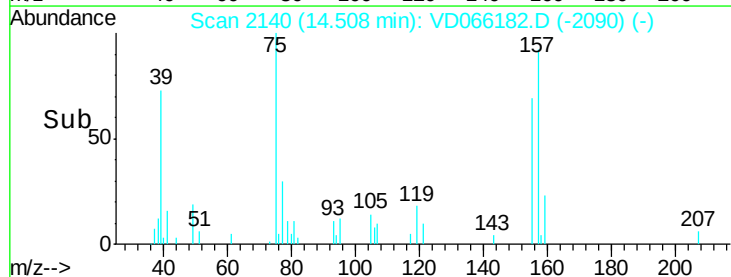
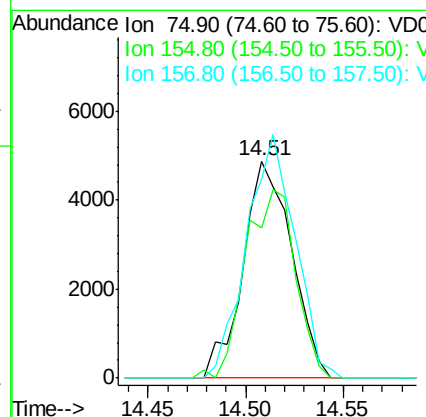
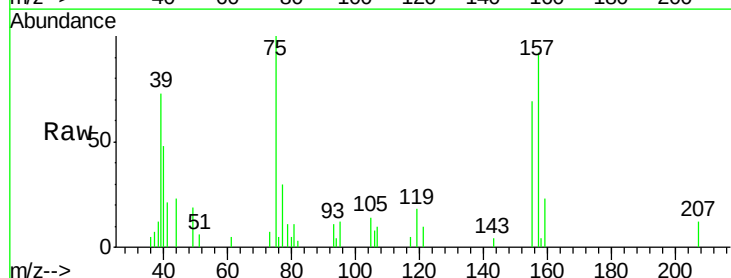
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBSD01

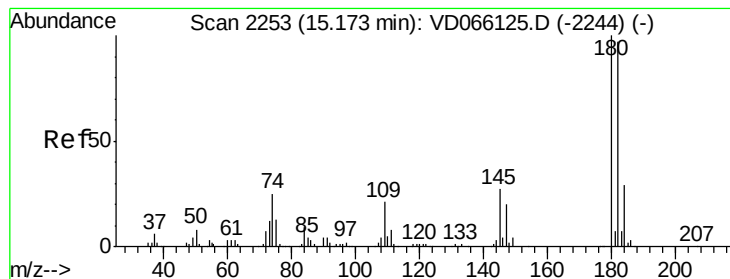
Tgt Ion: 146 Resp: 116486
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.8 56.3
 148 65.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.177 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066182.D
 Acq: 11 Aug 2020 12:56

Tgt Ion: 75 Resp: 8452
 Ion Ratio Lower Upper
 75 100
 155 89.2 47.7 143.1
 157 111.5 62.1 186.2





#93

1,2,4-Trichlorobenzene

Concen: 17.717 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. -0.01 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBSD01

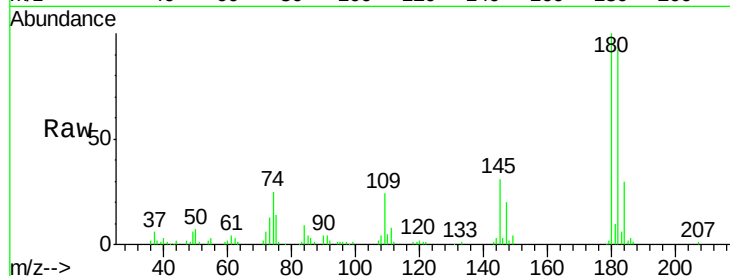
Tgt Ion:180 Resp: 84011

Ion Ratio Lower Upper

180 100

182 97.5 47.4 142.2

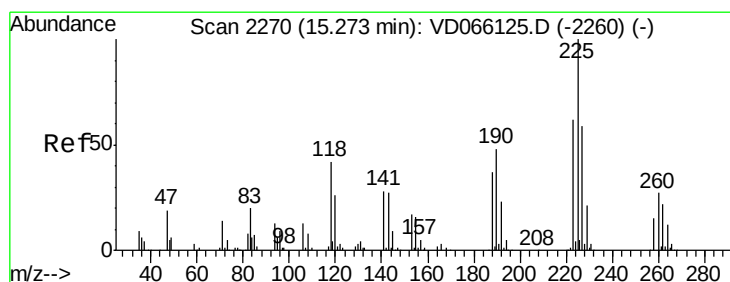
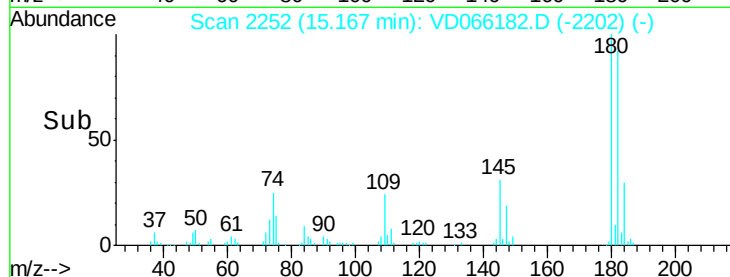
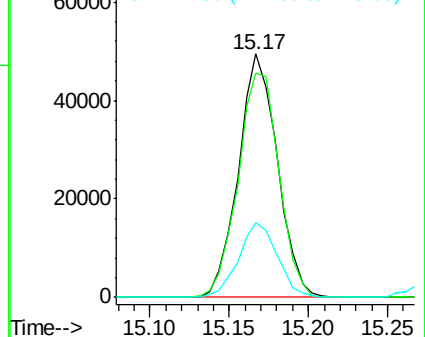
145 30.7 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.637 ug/l

RT: 15.27 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

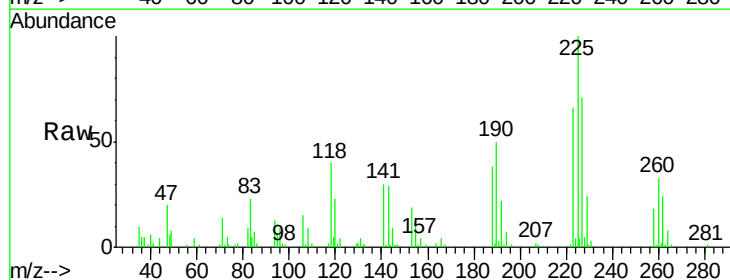
Tgt Ion:225 Resp: 52039

Ion Ratio Lower Upper

225 100

223 61.8 32.3 96.9

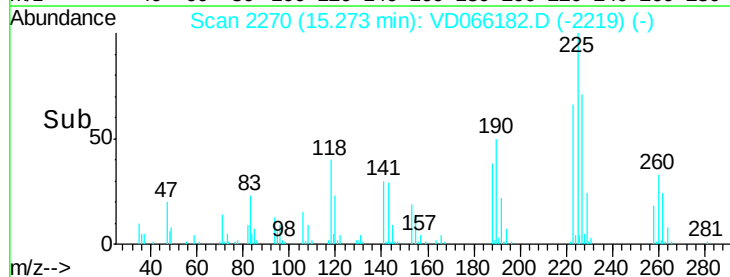
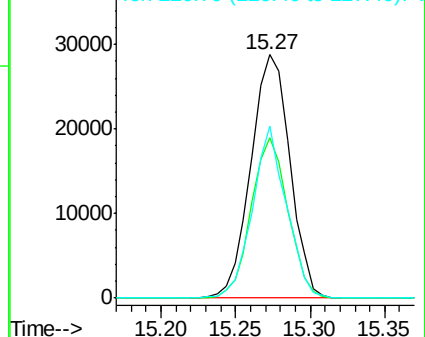
227 61.4 32.1 96.5

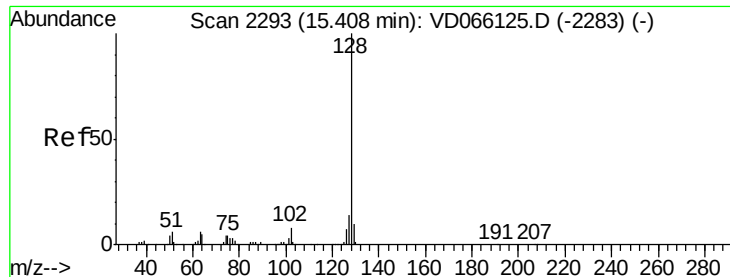


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.652 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBS01

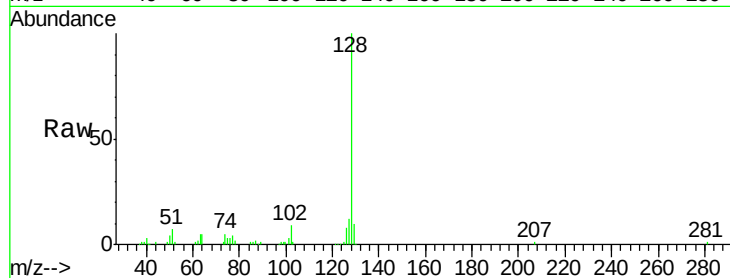
Tgt Ion:128 Resp: 136385

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

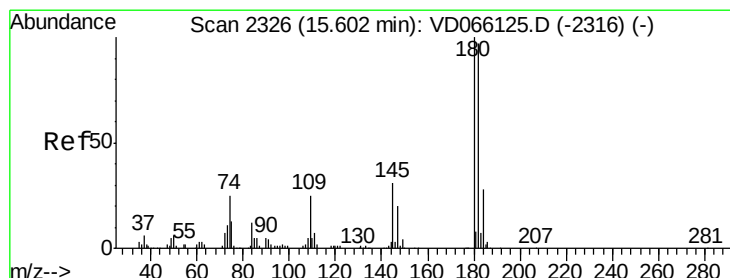
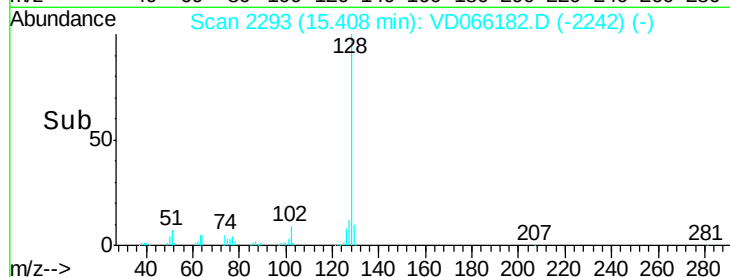
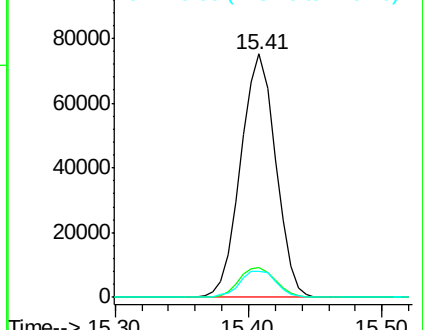
129 11.1 8.8 13.2



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: 17.751 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066182.D

Acq: 11 Aug 2020 12:56

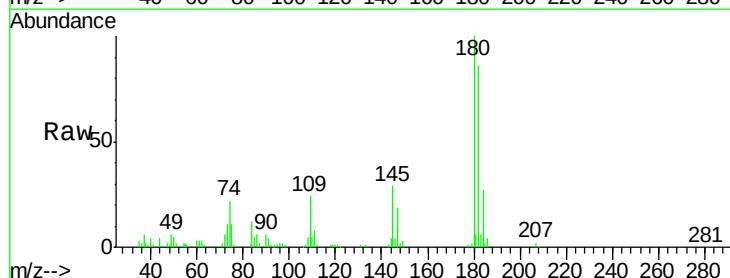
Tgt Ion:180 Resp: 74305

Ion Ratio Lower Upper

180 100

182 92.9 47.1 141.4

145 30.9 14.9 44.9



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

