

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051320\
 Data File : VD065727.D
 Acq On : 13 May 2020 12:27
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: May 13 14:04:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 13:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	387433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	572644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	502759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	29934	8.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	16.12%	
35) Dibromofluoromethane	7.91	113	30703	8.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.58%	
50) Toluene-d8	10.34	98	117960	8.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.68%	
62) 4-Bromofluorobenzene	12.64	95	40804	8.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	22951	7.755	ug/l	94
3) Chloromethane	2.21	50	36661	9.660	ug/l	98
4) Vinyl Chloride	2.35	62	38673	9.986	ug/l	97
5) Bromomethane	2.77	94	26560	10.775	ug/l	82
6) Chloroethane	2.92	64	24786	9.888	ug/l	100
7) Trichlorofluoromethane	3.27	101	53692	8.851	ug/l	96
8) Diethyl Ether	3.71	74	15938	8.463	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	34150	9.277	ug/l	99
10) Methyl Iodide	4.30	142	29376	8.076	ug/l	97
11) Tert butyl alcohol	5.19	59	22515m	67.010	ug/l	
12) 1,1-Dichloroethene	4.07	96	32538	9.012	ug/l	91
13) Acrolein	3.92	56	12075	40.551	ug/l	99
14) Allyl chloride	4.71	41	56036	7.931	ug/l	97
15) Acrylonitrile	5.43	53	34983	40.003	ug/l	98
16) Acetone	4.16	43	34135	43.585	ug/l	95
17) Carbon Disulfide	4.41	76	99790	8.493	ug/l	99
18) Methyl Acetate	4.71	43	17680	9.026	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	74035	8.569	ug/l	98
20) Methylene Chloride	4.96	84	36656	9.036	ug/l #	93
21) trans-1,2-Dichloroethene	5.47	96	36369	8.784	ug/l	95
22) Diisopropyl ether	6.37	45	105232	8.022	ug/l	94
23) Vinyl Acetate	6.31	43	309958	39.258	ug/l	99
24) 1,1-Dichloroethane	6.27	63	61298	8.431	ug/l	99
25) 2-Butanone	7.22	43	46991	40.328	ug/l	92
26) 2,2-Dichloropropane	7.21	77	58613	8.908	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	41170	9.191	ug/l	100
28) Bromochloromethane	7.55	49	24337	8.019	ug/l	100
29) Tetrahydrofuran	7.57	42	30111	40.010	ug/l	99
30) Chloroform	7.71	83	63097	8.963	ug/l	95
31) Cyclohexane	7.99	56	64467	8.584	ug/l #	85
32) 1,1,1-Trichloroethane	7.90	97	59254	9.044	ug/l	98
36) 1,1-Dichloropropene	8.11	75	50484	9.107	ug/l	99
37) Ethyl Acetate	7.30	43	22987	8.796	ug/l #	94
38) Carbon Tetrachloride	8.10	117	52914	9.528	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051320\
 Data File : VD065727.D
 Acq On : 13 May 2020 12:27
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: May 13 14:04:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 13:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	65674	9.450	ug/l	98
40) Benzene	8.36	78	137084	9.043	ug/l	96
41) Methacrylonitrile	7.53	41	10557	6.914	ug/l	87
42) 1,2-Dichloroethane	8.43	62	38696	8.895	ug/l	99
43) Isopropyl Acetate	8.46	43	43580	8.334	ug/l	99
44) Trichloroethene	9.11	130	42088	9.947	ug/l	95
45) 1,2-Dichloropropane	9.39	63	34002	8.742	ug/l	97
46) Dibromomethane	9.48	93	18750	9.523	ug/l	99
47) Bromodichloromethane	9.66	83	47928	9.102	ug/l	89
48) Methyl methacrylate	9.46	41	19517	7.470	ug/l	94
49) 1,4-Dioxane	9.46	88	4369	182.651	ug/l #	87
51) 4-Methyl-2-Pentanone	10.23	43	104540	41.466	ug/l	99
52) Toluene	10.40	92	91641	9.506	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	47163	8.905	ug/l	92
54) cis-1,3-Dichloropropene	10.09	75	56291	8.974	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	25734	9.698	ug/l	98
56) Ethyl methacrylate	10.66	69	33063	8.727	ug/l	98
57) 1,3-Dichloropropane	10.95	76	44043	9.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	77902	44.431	ug/l	99
59) 2-Hexanone	10.99	43	70285	40.691	ug/l	99
60) Dibromochloromethane	11.14	129	32475	9.038	ug/l	96
61) 1,2-Dibromoethane	11.25	107	24582	9.206	ug/l	98
64) Tetrachloroethene	10.88	164	35683	10.081	ug/l	99
65) Chlorobenzene	11.67	112	97976	9.808	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	36128	9.716	ug/l	98
67) Ethyl Benzene	11.75	91	171858	9.283	ug/l	98
68) m/p-Xylenes	11.86	106	133194	19.223	ug/l	99
69) o-Xylene	12.18	106	61351	9.485	ug/l	97
70) Styrene	12.20	104	105914	9.545	ug/l	98
71) Bromoform	12.36	173	19439	9.279	ug/l #	99
73) Isopropylbenzene	12.48	105	169890	9.183	ug/l	99
74) N-amyl acetate	12.29	43	39282	7.646	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	26768	8.698	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	17403m	8.405	ug/l	
77) Bromobenzene	12.77	156	41018	9.593	ug/l	99
78) n-propylbenzene	12.83	91	197269	9.082	ug/l	100
79) 2-Chlorotoluene	12.91	91	110418	9.009	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	141282	9.323	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	9580	8.332	ug/l	99
82) 4-Chlorotoluene	13.01	91	116777	9.092	ug/l	98
83) tert-Butylbenzene	13.23	119	125620	9.669	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	136646	9.039	ug/l	99
85) sec-Butylbenzene	13.41	105	173094	9.568	ug/l	100
86) p-Isopropyltoluene	13.52	119	156627	9.469	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	78377	9.774	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	76090	9.599	ug/l	95
89) n-Butylbenzene	13.85	91	145655	9.141	ug/l	99
90) Hexachloroethane	14.11	117	30362	9.245	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	67368	9.740	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4623	9.025	ug/l	93

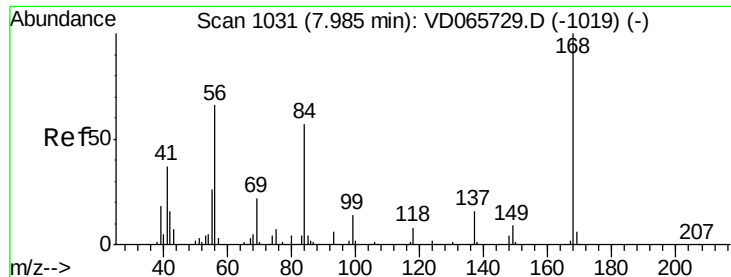
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051320\
Data File : VD065727.D
Acq On : 13 May 2020 12:27
Operator : VA/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Quant Time: May 13 14:04:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
Quant Title : SW846 8260
QLast Update : Wed May 13 13:42:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	50997	9.829	ug/l	98
94) Hexachlorobutadiene	15.28	225	30631	10.152	ug/l	99
95) Naphthalene	15.41	128	84758	9.367	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	44095	9.992	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

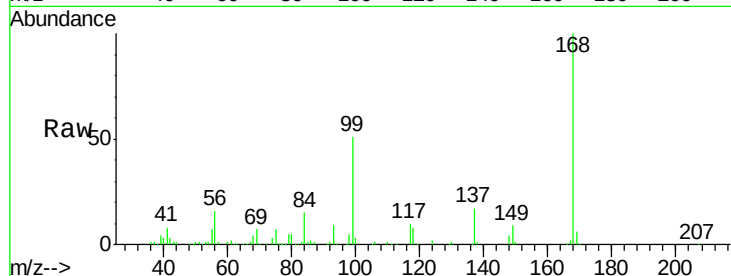
VSTDIC010

Tot Ion:168 Resp: 387433

Ion Ratio Lower Upper

168 100

99 51.3 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

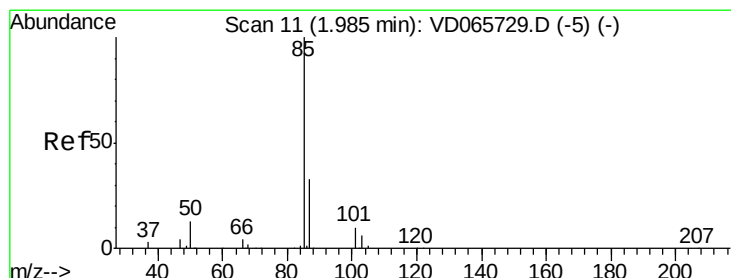
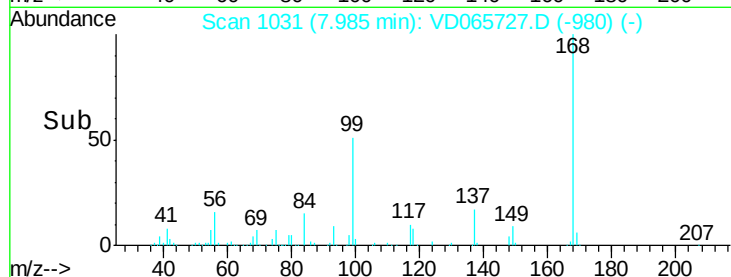
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 7.755 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065727.D

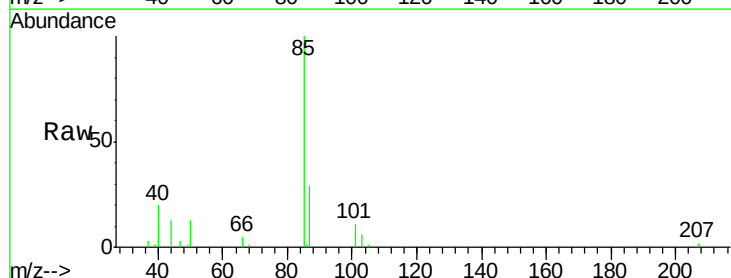
Acq: 13 May 2020 12:27

Tgt Ion: 85 Resp: 22951

Ion Ratio Lower Upper

85 100

87 29.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

20000

15000

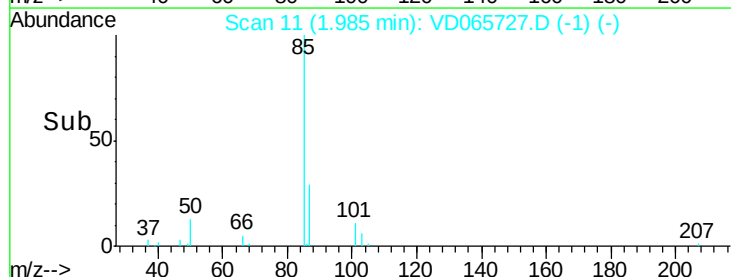
10000

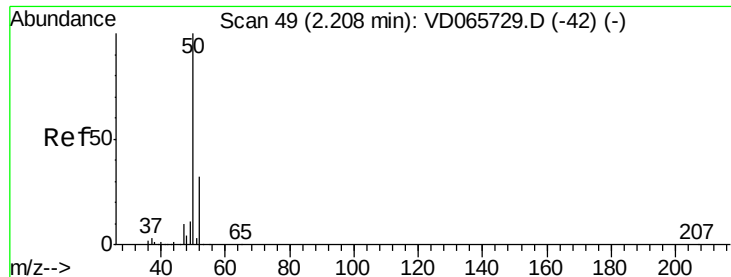
5000

0

Time-->

1.95 2.00 2.05





#3

Chloromethane

Concen: 9.660 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

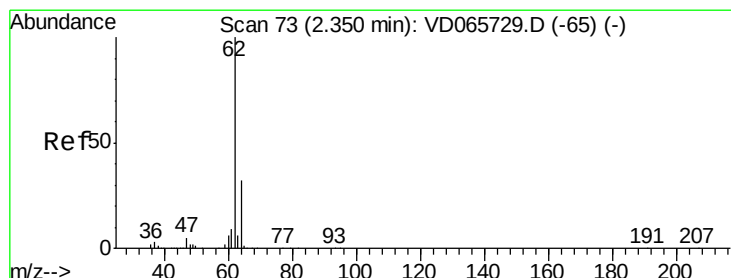
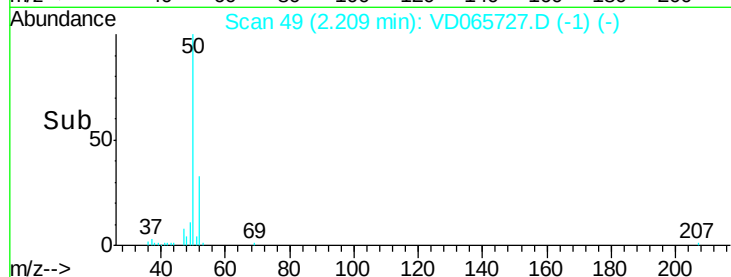
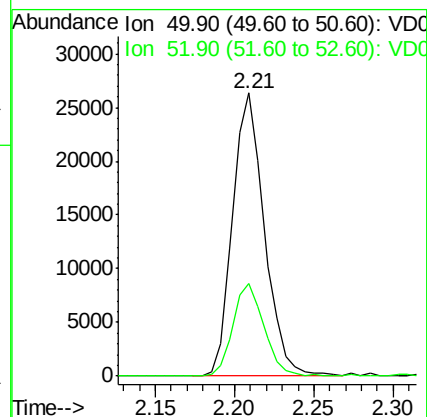
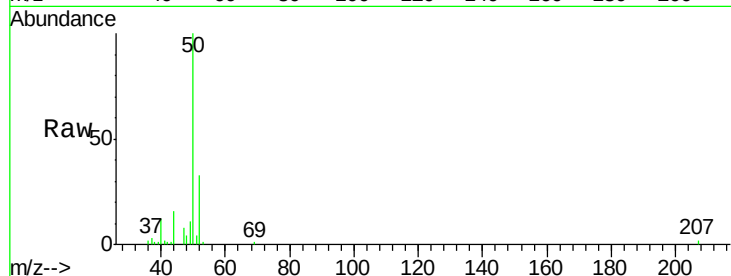
VSTDIC010

Tot Ion: 50 Resp: 36661

Ion Ratio Lower Upper

50 100

52 33.0 25.5 38.3



#4

Vinyl Chloride

Concen: 9.986 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065727.D

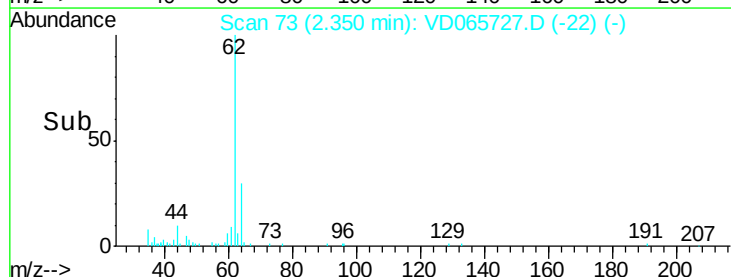
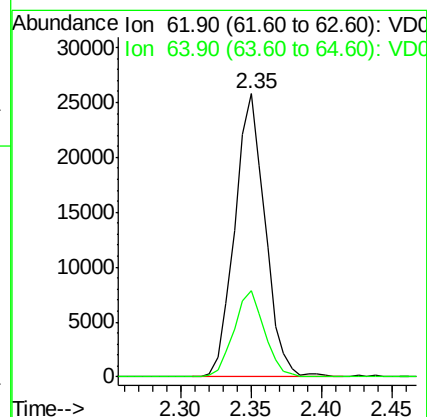
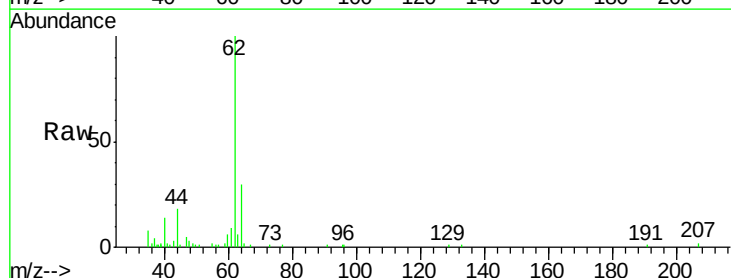
Acq: 13 May 2020 12:27

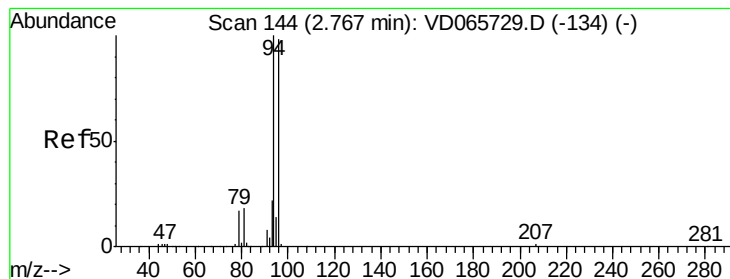
Tgt Ion: 62 Resp: 38673

Ion Ratio Lower Upper

62 100

64 30.5 25.8 38.6





#5

Bromomethane

Concen: 10.775 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

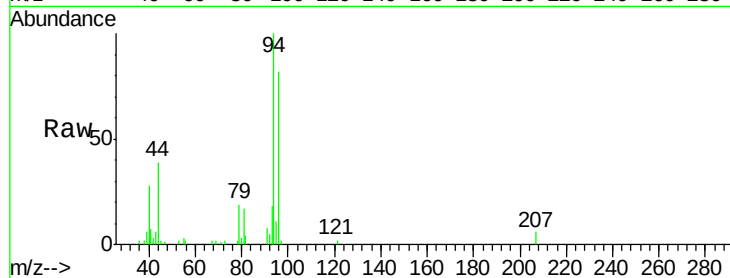
VSTDIC010

Tot Ion: 94 Resp: 26560

Ion Ratio Lower Upper

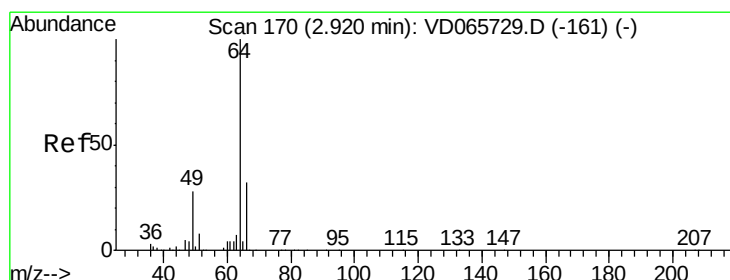
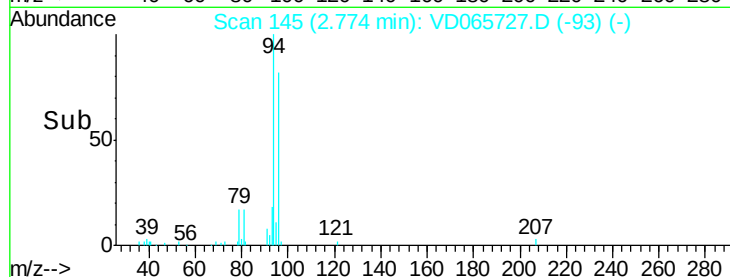
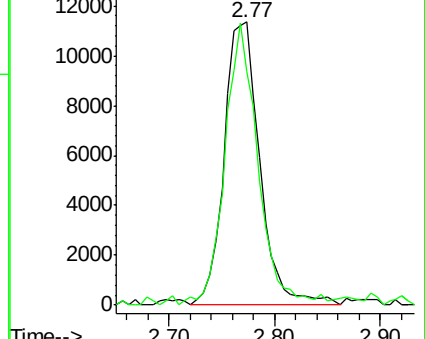
94 100

96 79.8 78.1 117.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 9.888 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065727.D

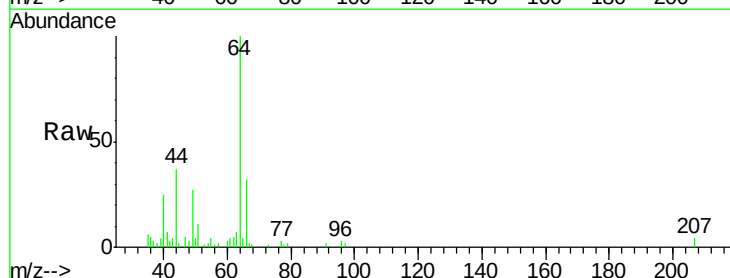
Acq: 13 May 2020 12:27

Tgt Ion: 64 Resp: 24786

Ion Ratio Lower Upper

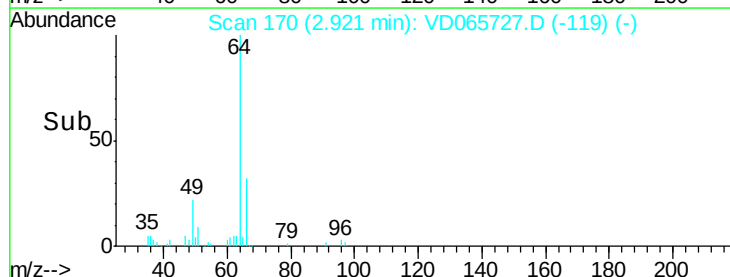
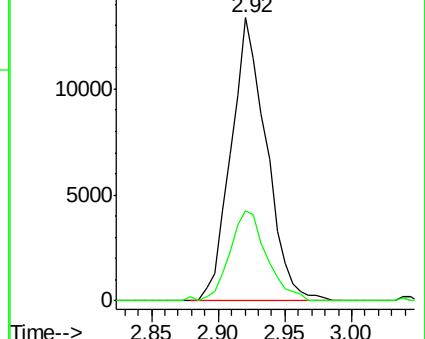
64 100

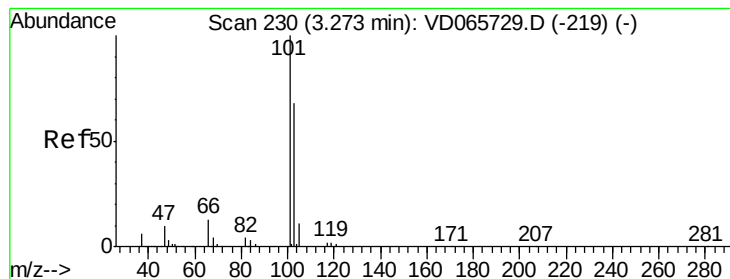
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 8.851 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

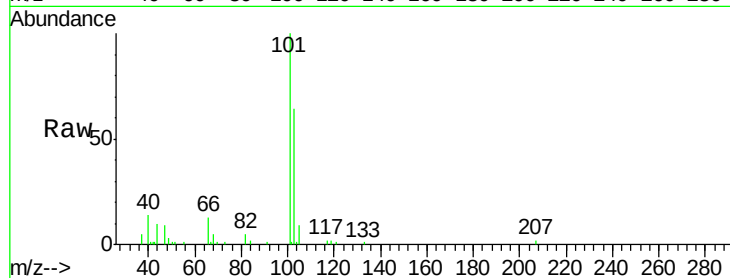
VSTDIC010

Tot Ion:101 Resp: 53692

Ion Ratio Lower Upper

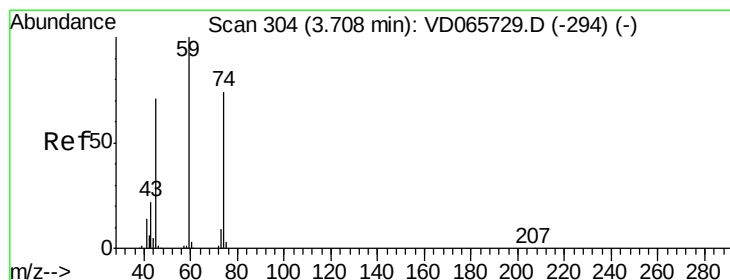
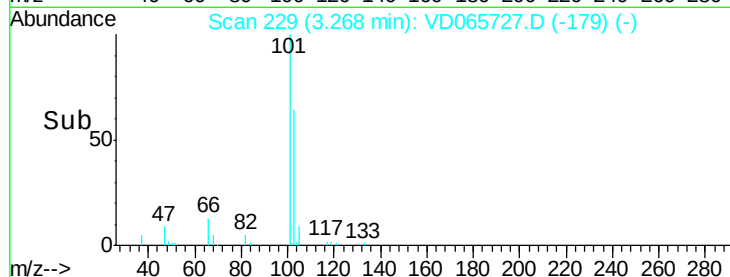
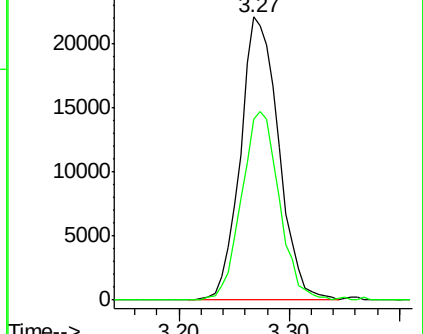
101 100

103 64.0 54.1 81.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 8.463 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD065727.D

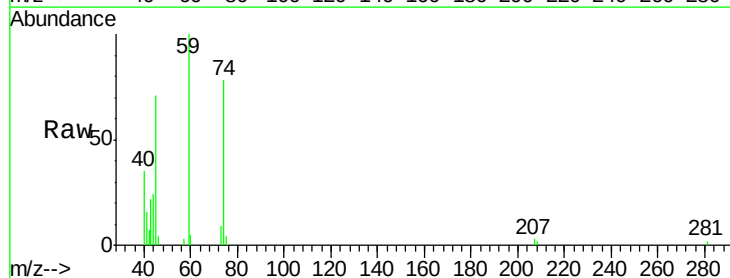
Acq: 13 May 2020 12:27

Tgt Ion: 74 Resp: 15938

Ion Ratio Lower Upper

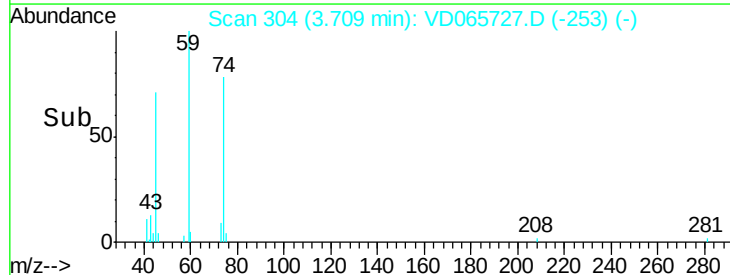
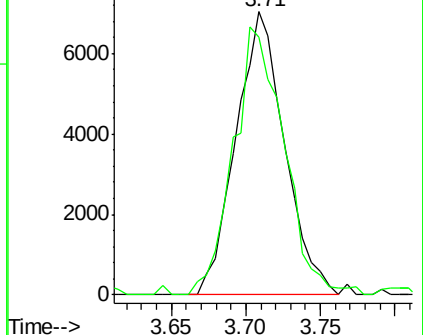
74 100

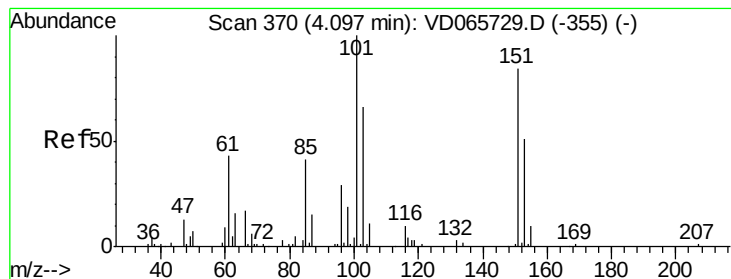
45 98.7 48.1 144.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.277 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

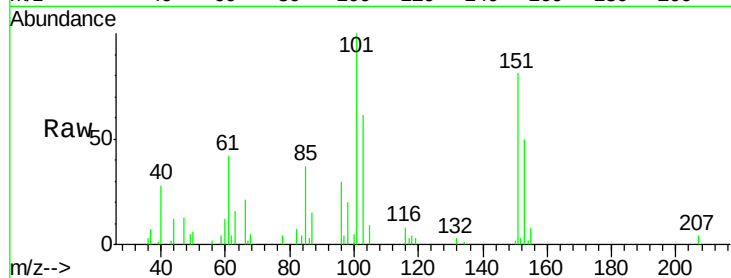
Tot Ion:101 Resp: 34150

Ion Ratio Lower Upper

101 100

85 43.2 34.1 51.1

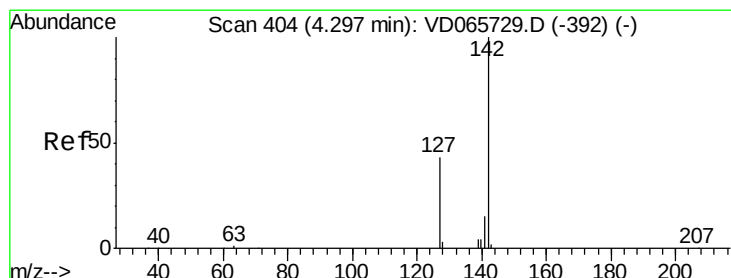
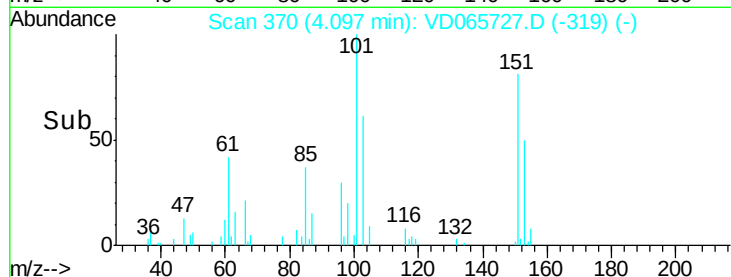
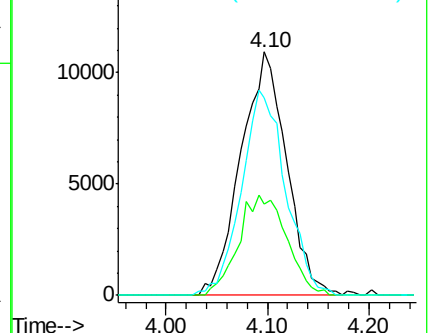
151 81.8 65.1 97.7



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: 8.076 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

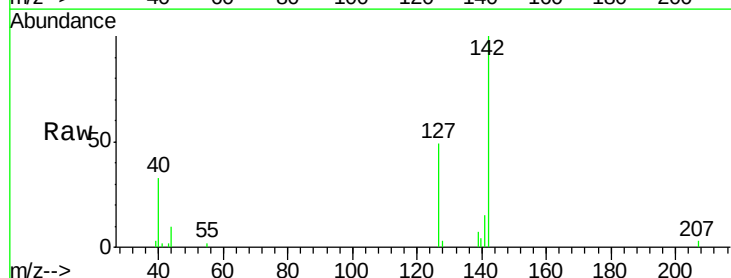
Tgt Ion:142 Resp: 29376

Ion Ratio Lower Upper

142 100

127 45.2 34.2 51.4

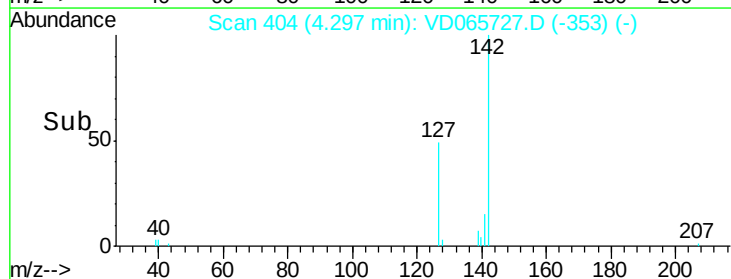
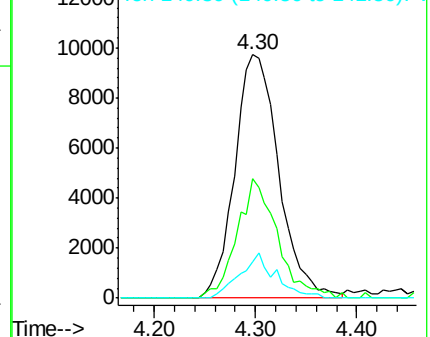
141 15.2 11.7 17.5

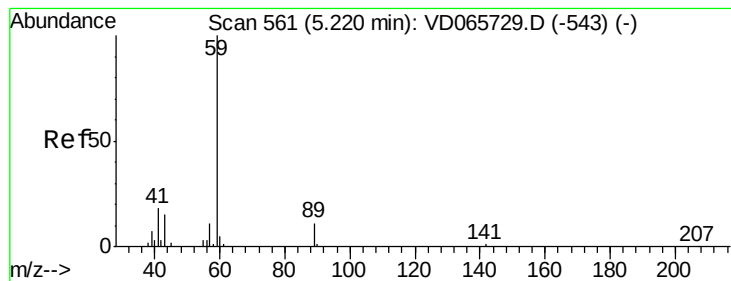


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 67.010 ug/l m

RT: 5.19 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

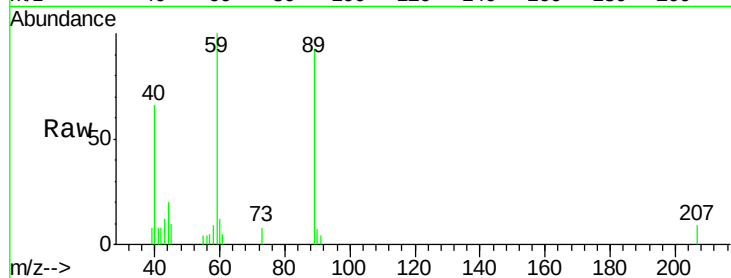
VSTDIC010

Tot Ion: 59 Resp: 22515

Ion Ratio Lower Upper

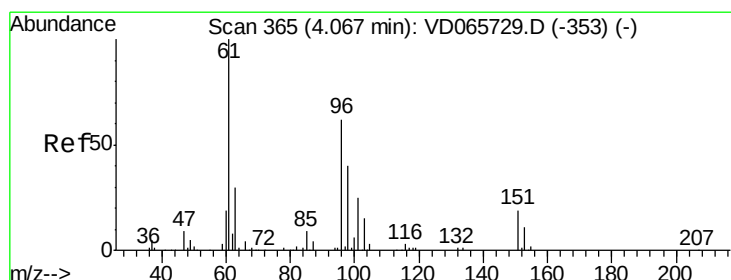
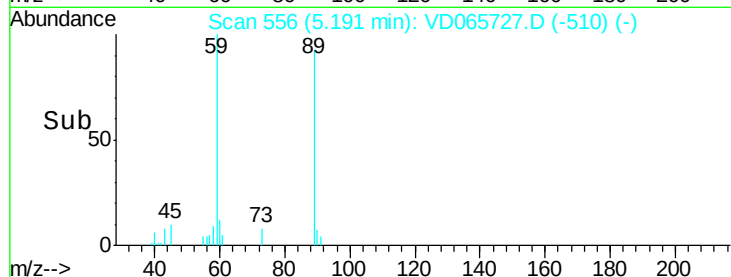
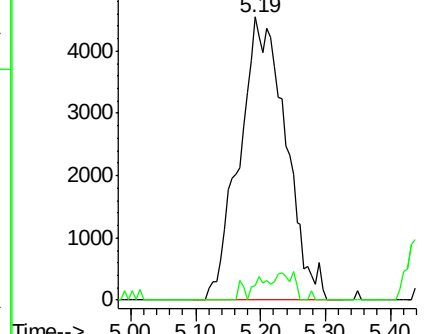
59 100

57 2.6 7.4 11.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 9.012 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

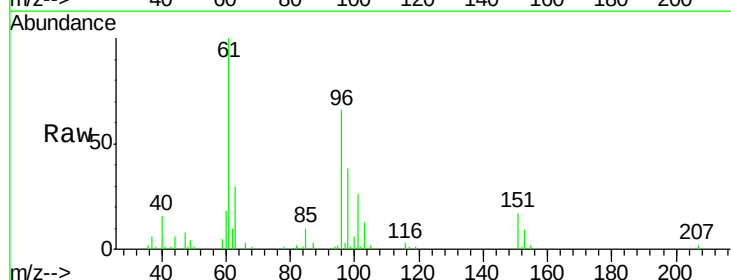
Tgt Ion: 96 Resp: 32538

Ion Ratio Lower Upper

96 100

61 150.8 130.0 195.0

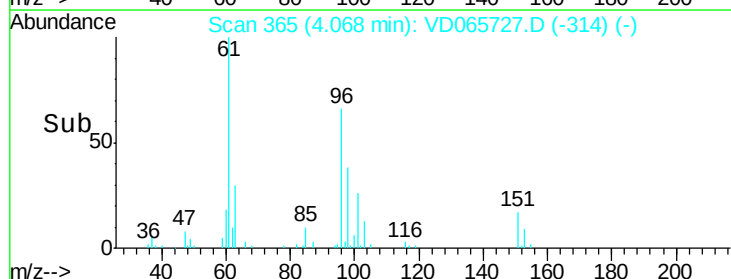
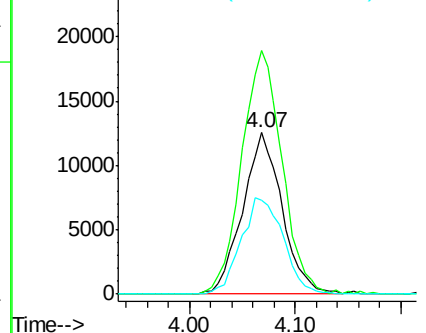
98 58.0 52.3 78.5

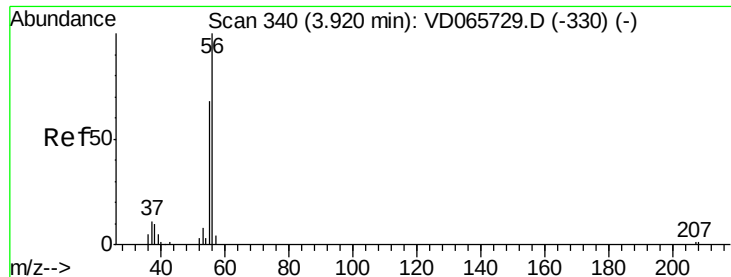


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 40.551 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

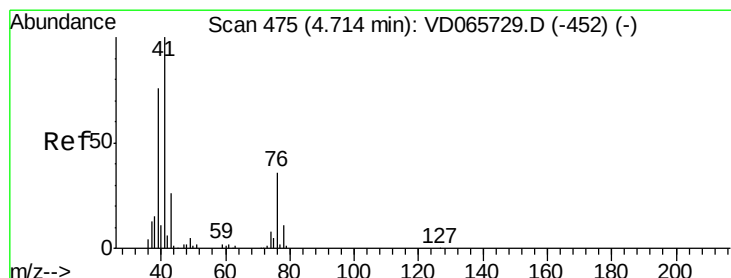
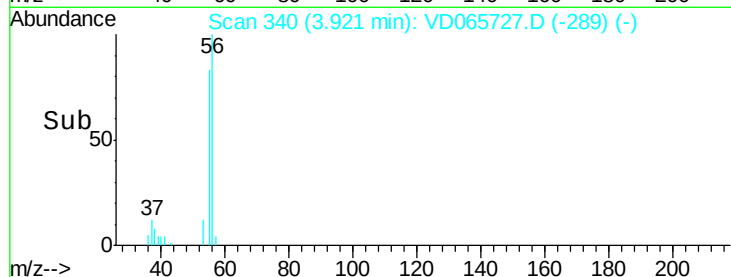
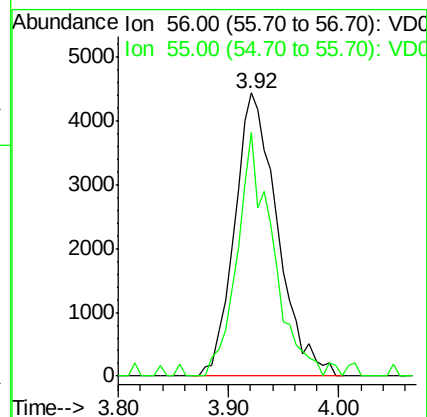
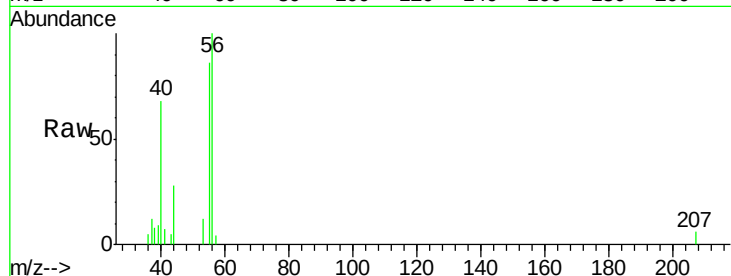
VSTDIC010

Tot Ion: 56 Resp: 12075

Ion Ratio Lower Upper

56 100

55 71.4 57.8 86.8



#14

Allyl chloride

Concen: 7.931 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

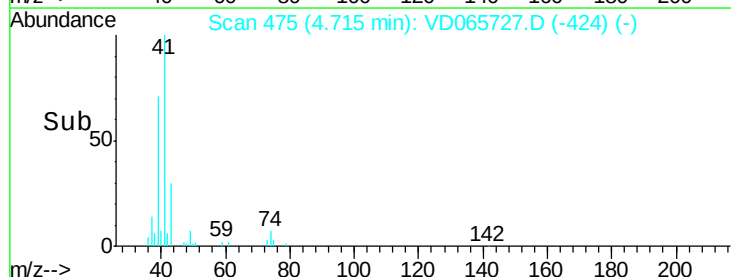
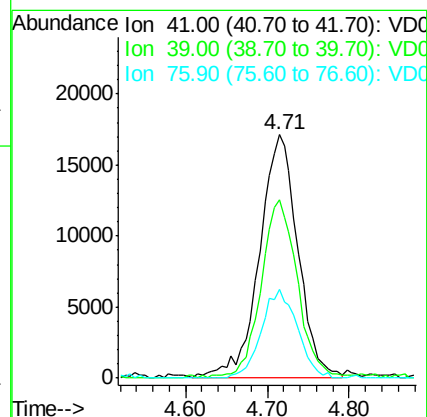
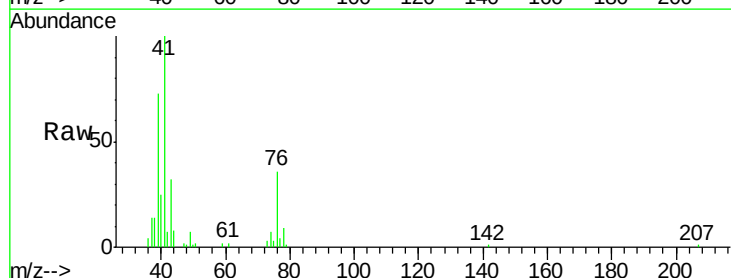
Tgt Ion: 41 Resp: 56036

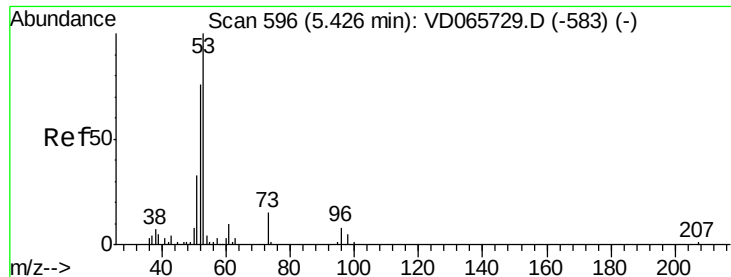
Ion Ratio Lower Upper

41 100

39 69.2 57.4 86.2

76 33.9 28.4 42.6





#15

Acrylonitrile

Concen: 40.003 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

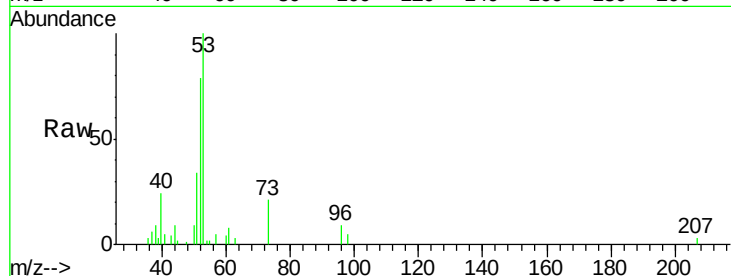
Tot Ion: 53 Resp: 34983

Ion Ratio Lower Upper

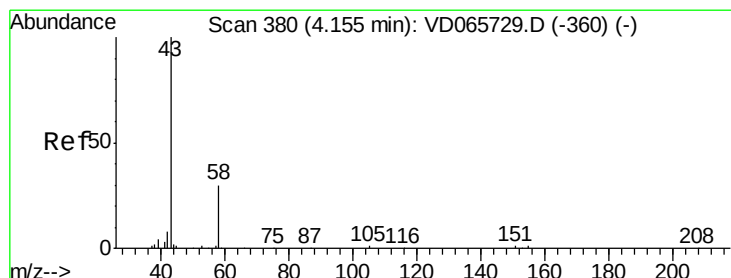
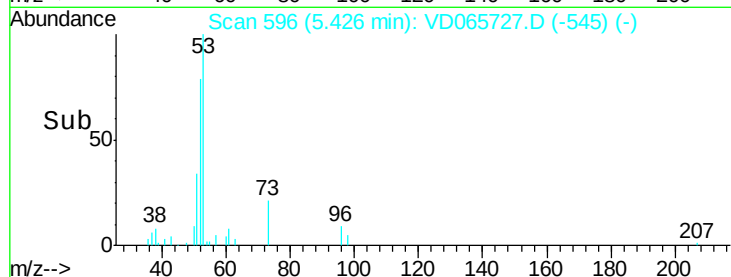
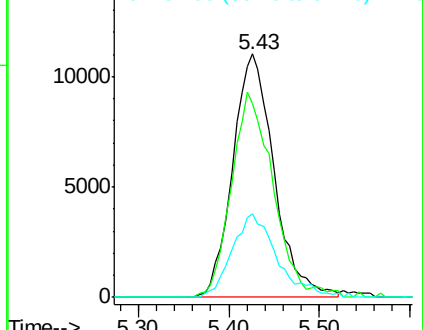
53 100

52 85.3 66.3 99.5

51 37.3 29.2 43.8



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: 43.585 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065727.D

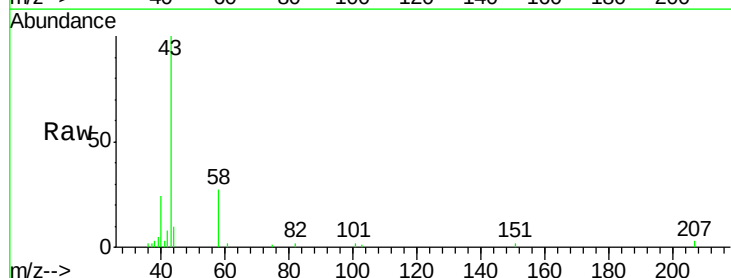
Acq: 13 May 2020 12:27

Tgt Ion: 43 Resp: 34135

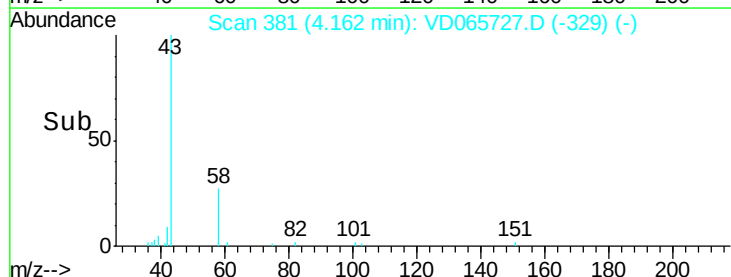
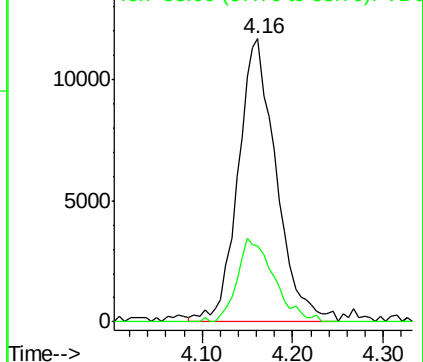
Ion Ratio Lower Upper

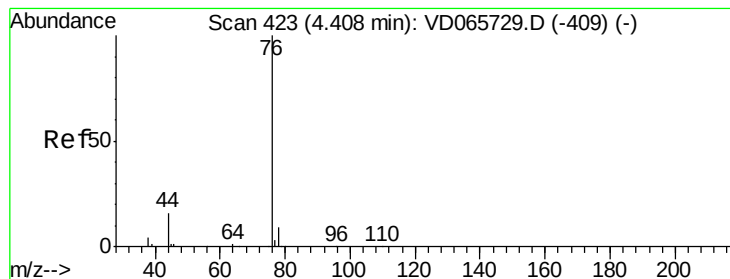
43 100

58 26.8 23.7 35.5



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





#17

Carbon Disulfide

Concen: 8.493 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

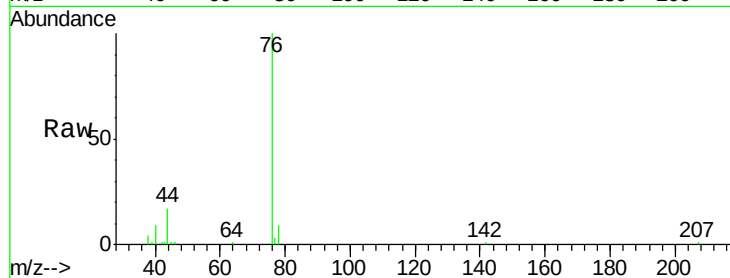
VSTDIC010

Tot Ion: 76 Resp: 99790

Ion Ratio Lower Upper

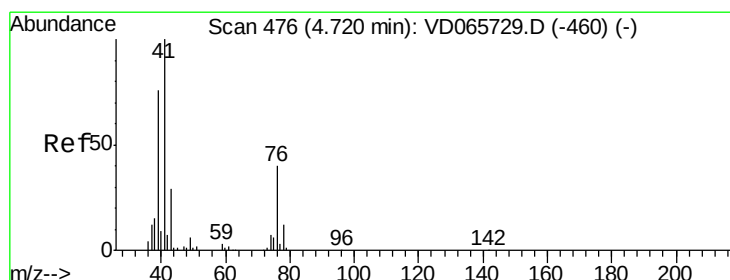
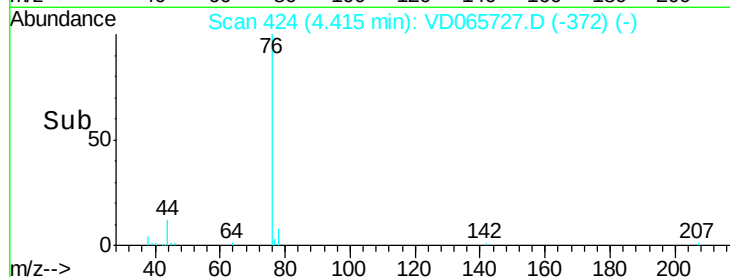
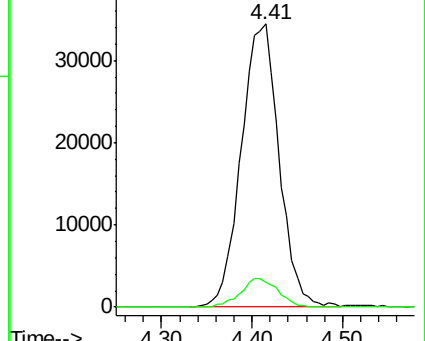
76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 9.026 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065727.D

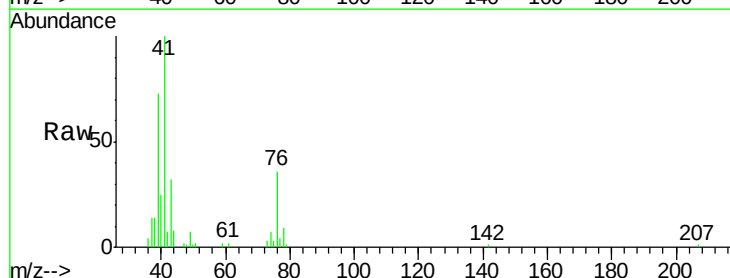
Acq: 13 May 2020 12:27

Tgt Ion: 43 Resp: 17680

Ion Ratio Lower Upper

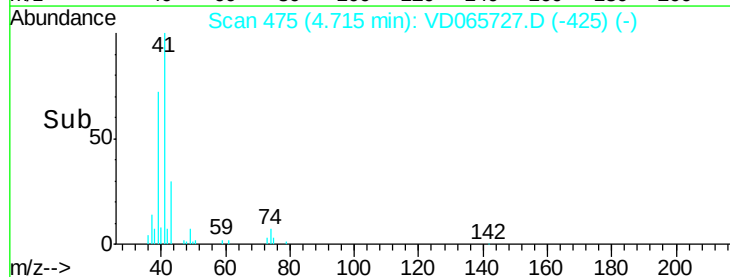
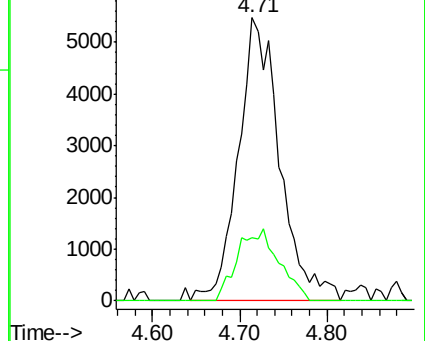
43 100

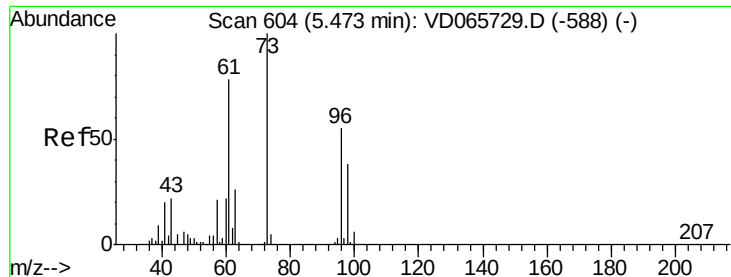
74 25.4 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

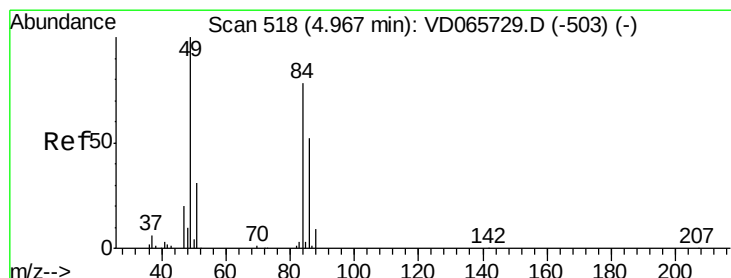
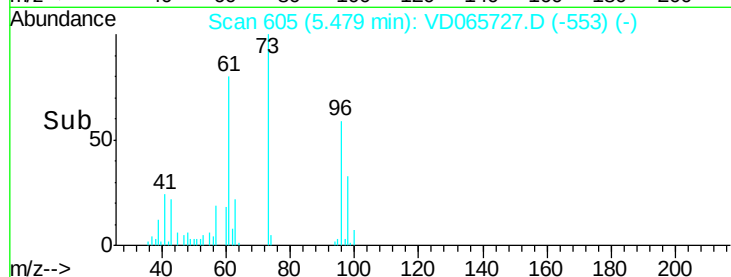
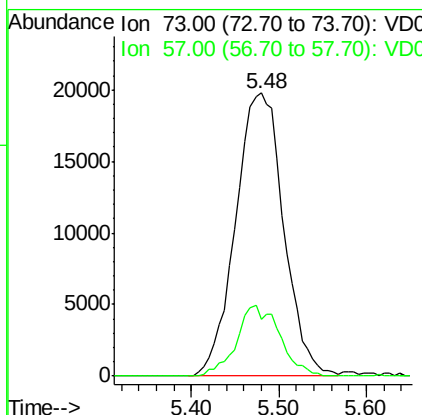
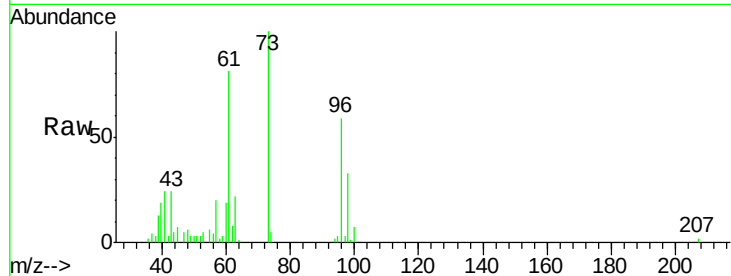




#19
Methyl tert-butyl Ether
Concen: 8.569 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

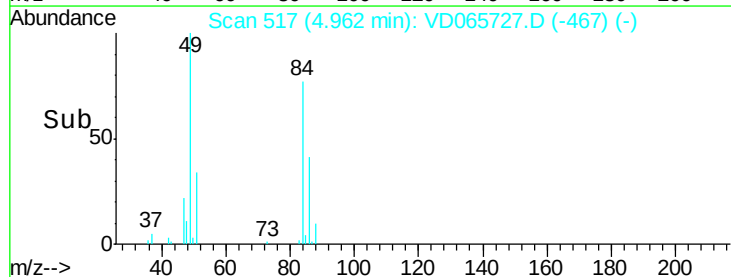
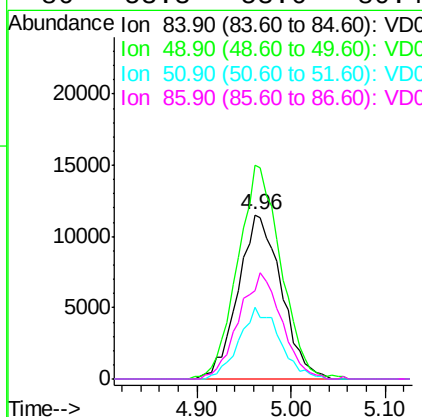
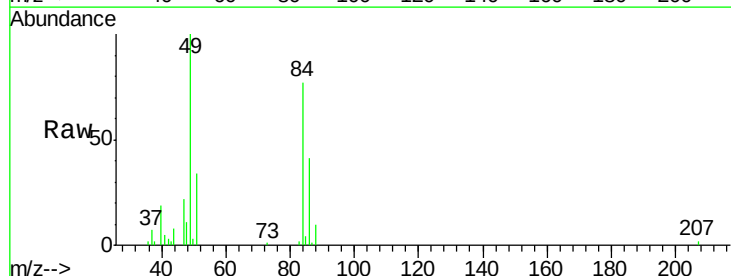
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

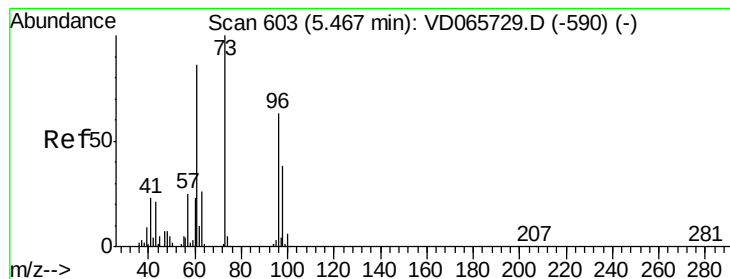
Tot Ion: 73 Resp: 74035
Ion Ratio Lower Upper
73 100
57 20.1 17.0 25.4



#20
Methylene Chloride
Concen: 9.036 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion: 84 Resp: 36656
Ion Ratio Lower Upper
84 100
49 129.9 102.9 154.3
51 43.6 31.5 47.3
86 53.3 53.6 80.4#





#21

trans-1,2-Dichloroethene

Concen: 8.784 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

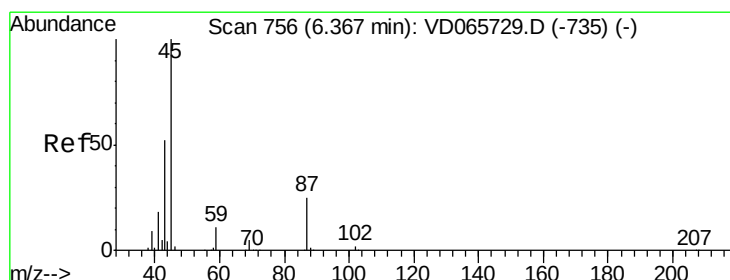
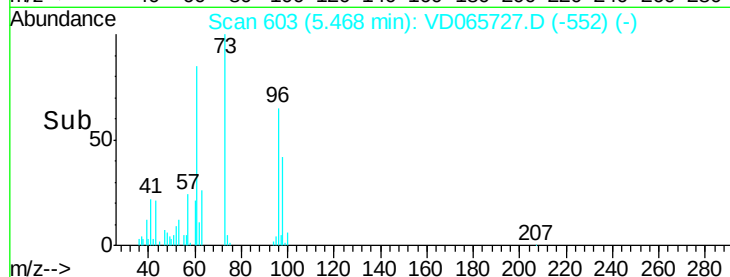
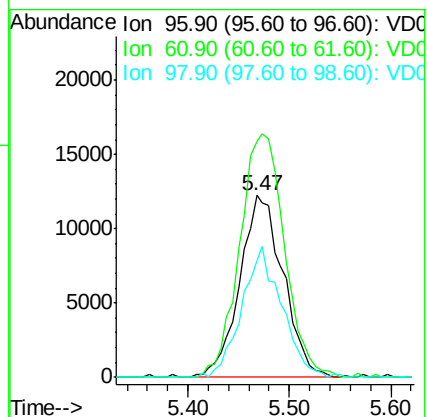
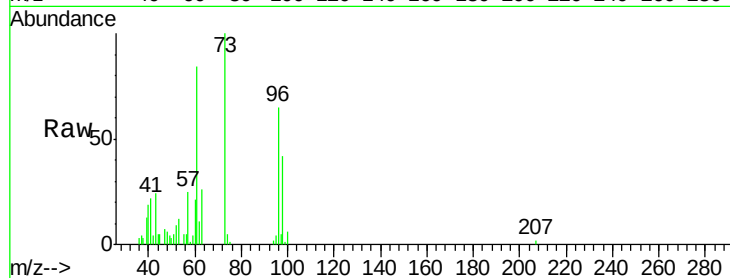
Tot Ion: 96 Resp: 36369

Ion Ratio Lower Upper

96 100

61 130.1 108.6 163.0

98 64.0 47.9 71.9



#22

Diisopropyl ether

Concen: 8.022 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Tgt Ion: 45 Resp: 105232

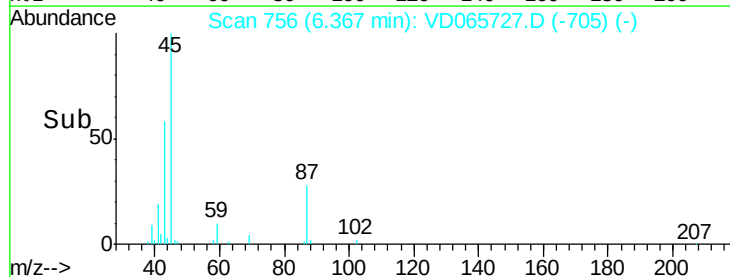
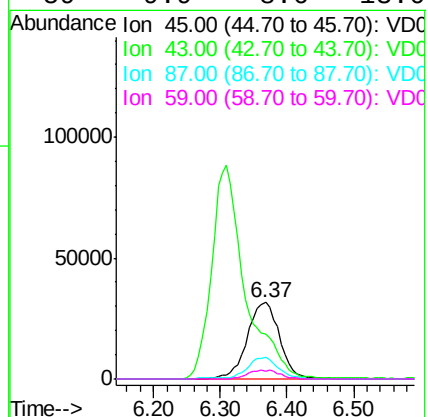
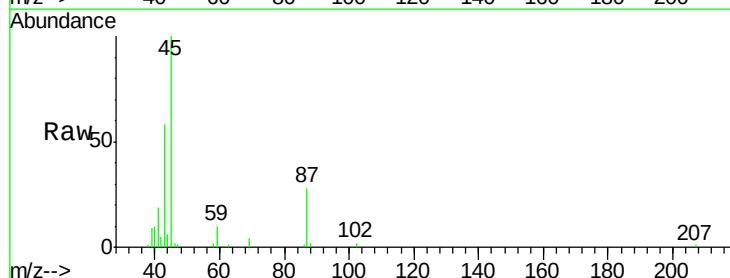
Ion Ratio Lower Upper

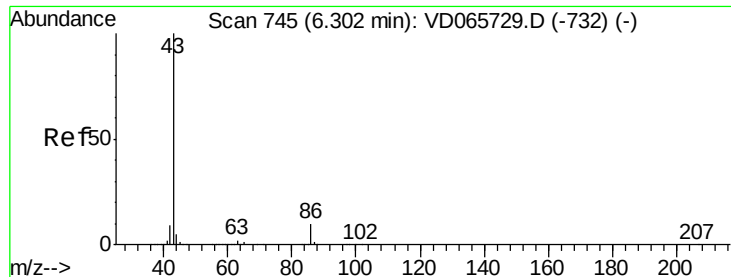
45 100

43 56.8 41.8 62.6

87 28.1 20.1 30.1

59 9.9 8.6 13.0





#23

Vinyl Acetate

Concen: 39.258 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

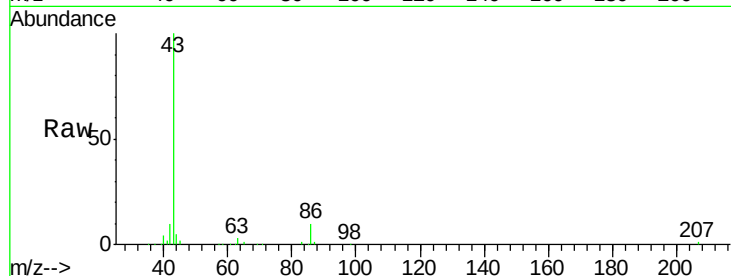
VSTDIC010

Tot Ion: 43 Resp: 309958

Ion Ratio Lower Upper

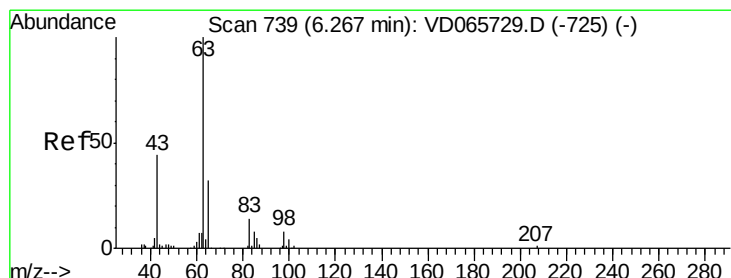
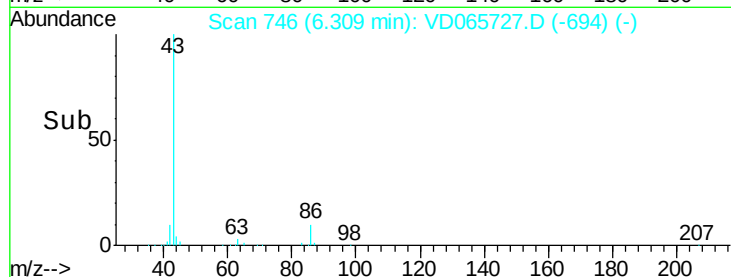
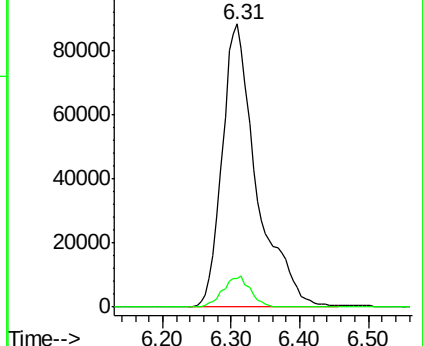
43 100

86 9.9 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 8.431 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

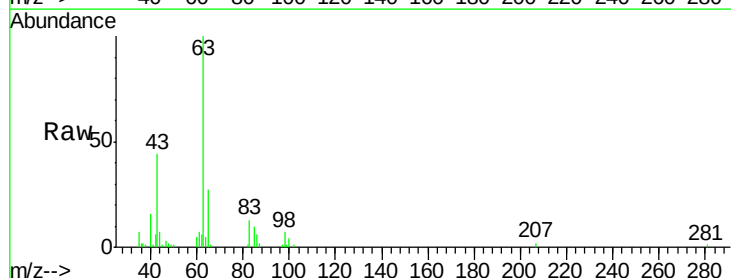
Tgt Ion: 63 Resp: 61298

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

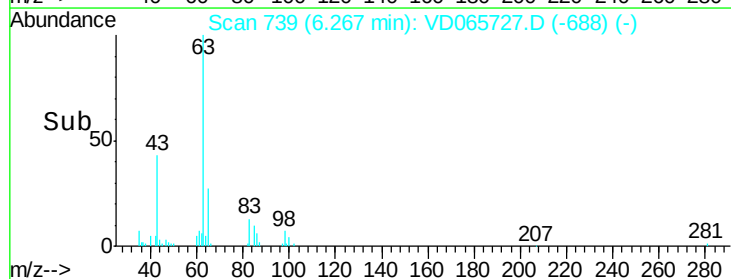
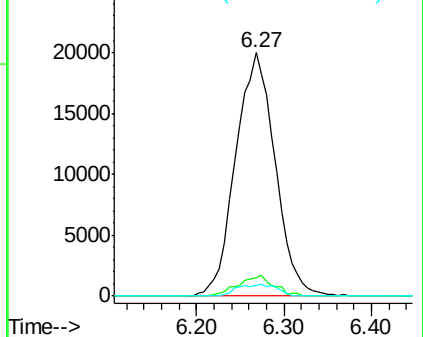
100 4.3 2.2 6.6

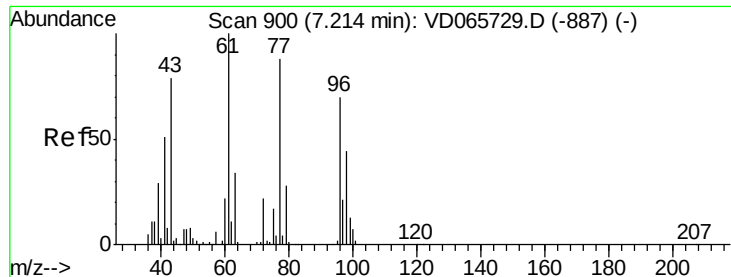


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 40.328 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

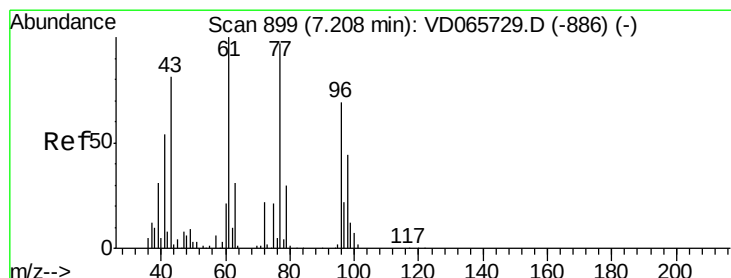
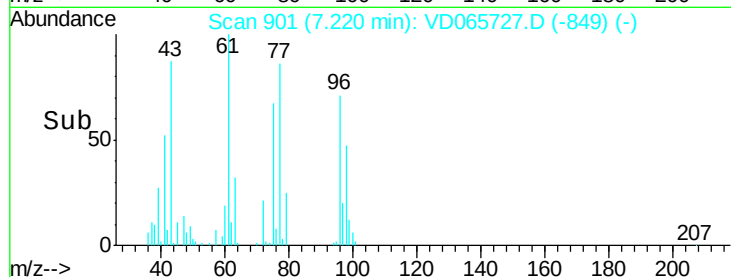
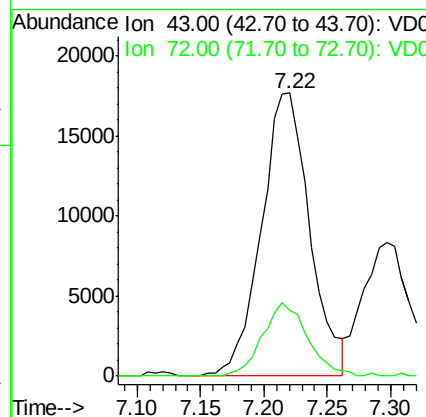
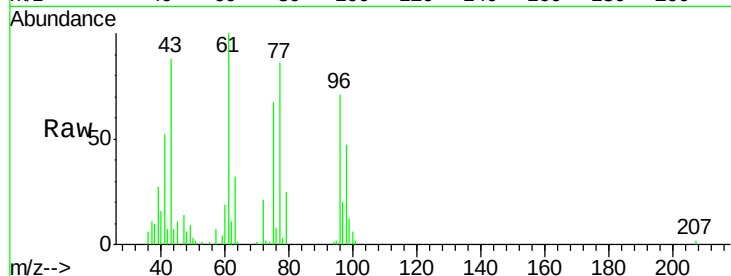
VSTDIC010

Tot Ion: 43 Resp: 46991

Ion Ratio Lower Upper

43 100

72 23.5 22.3 33.5



#26

2,2-Dichloropropane

Concen: 8.908 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065727.D

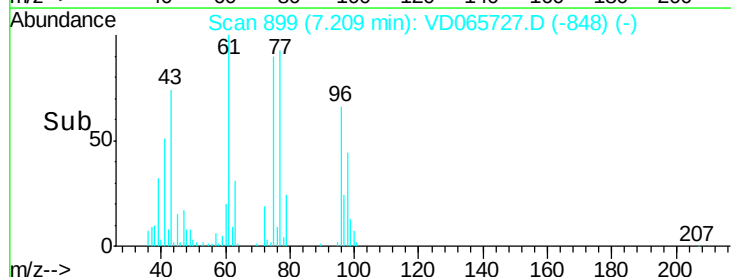
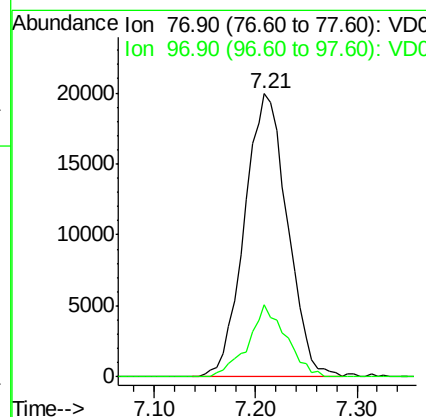
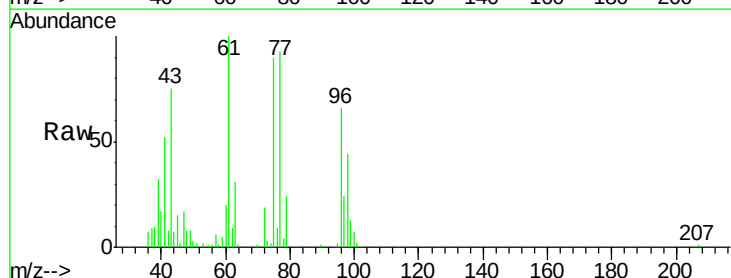
Acq: 13 May 2020 12:27

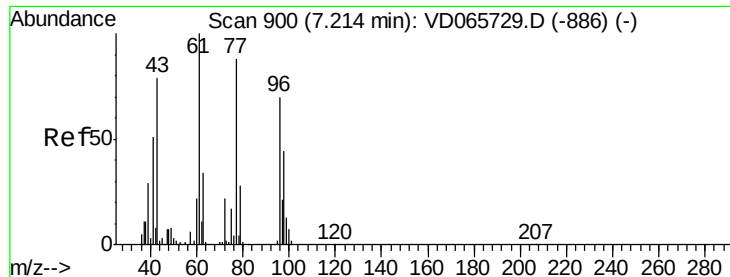
Tgt Ion: 77 Resp: 58613

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.9

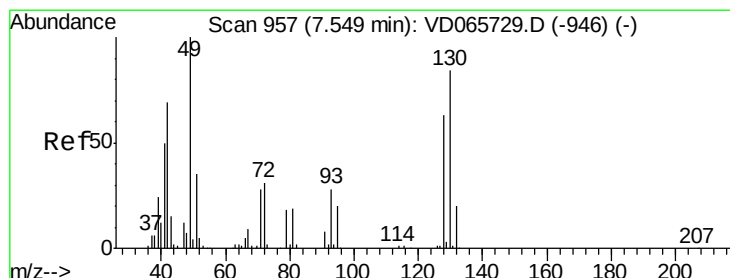
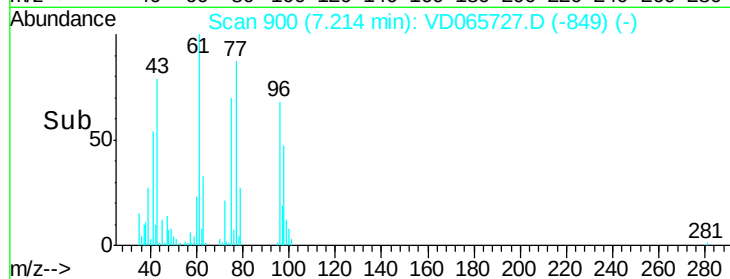
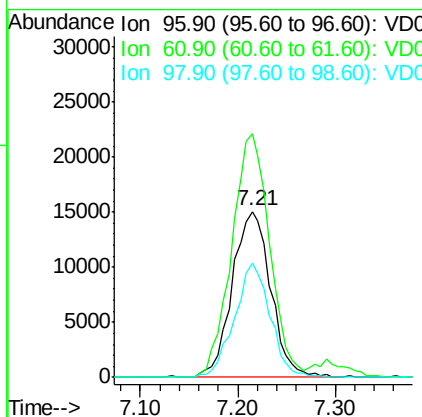
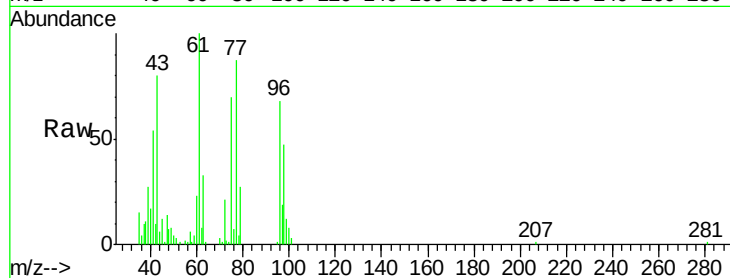




#27
 cis-1,2-Dichloroethene
 Concen: 9.191 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

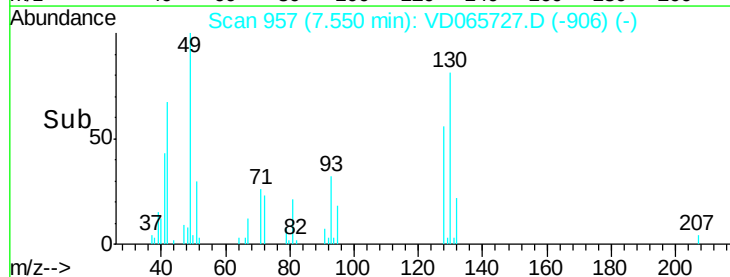
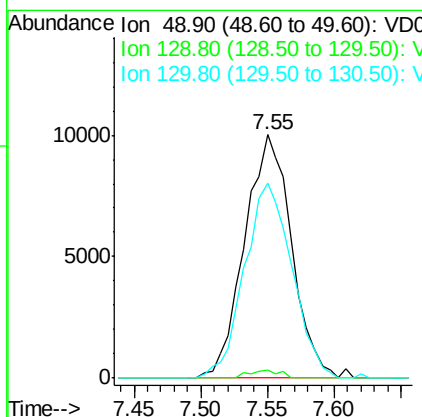
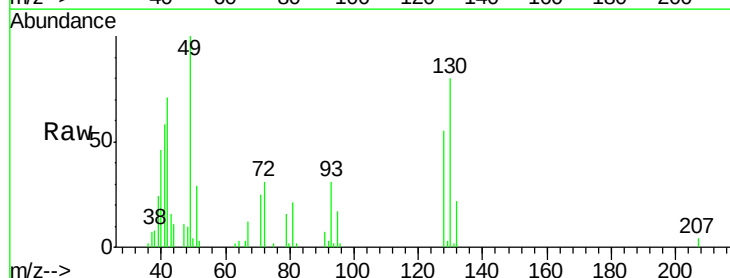
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

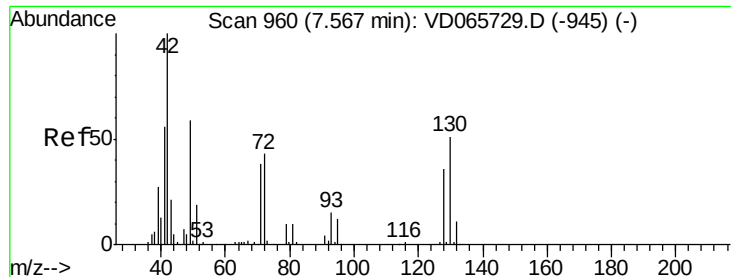
Tot Ion: 96 Resp: 41170
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 288.0
 98 64.0 0.0 127.8



#28
 Bromochloromethane
 Concen: 8.019 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

Tgt Ion: 49 Resp: 24337
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 81.4 65.2 97.8

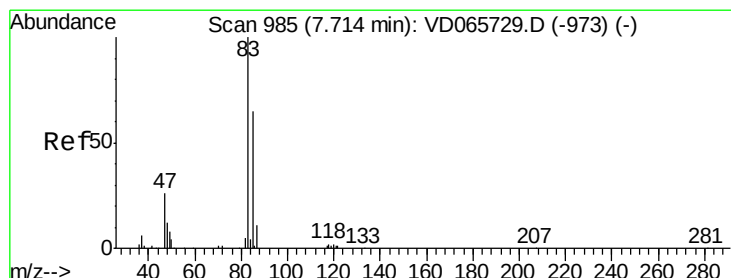
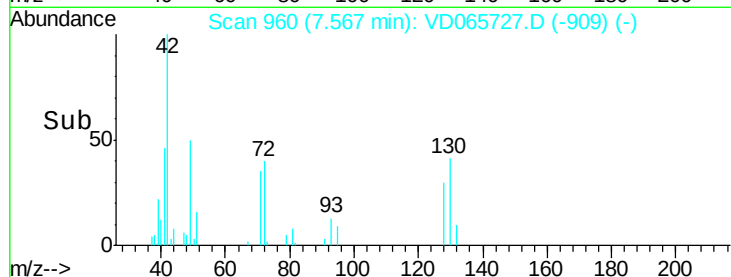
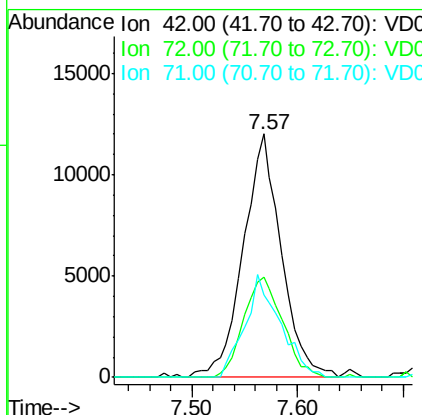
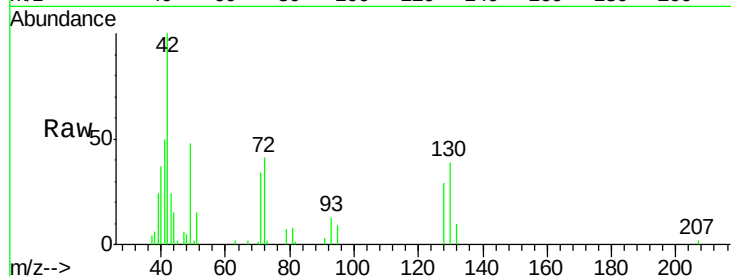




#29
Tetrahydrofuran
Concen: 40.010 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

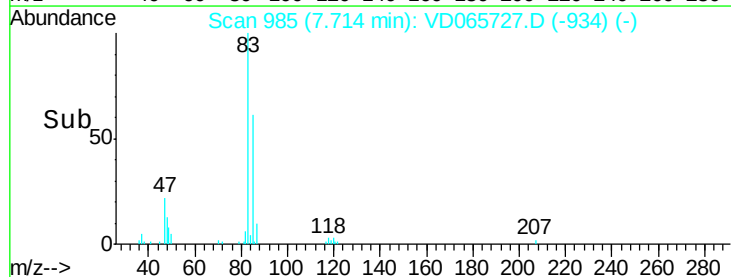
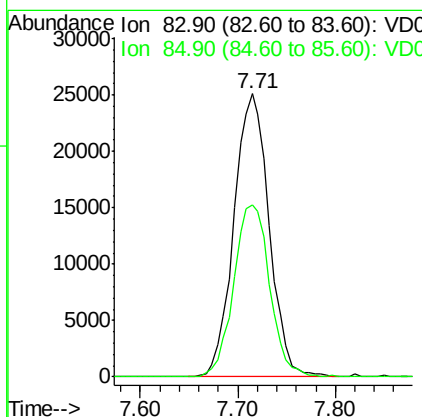
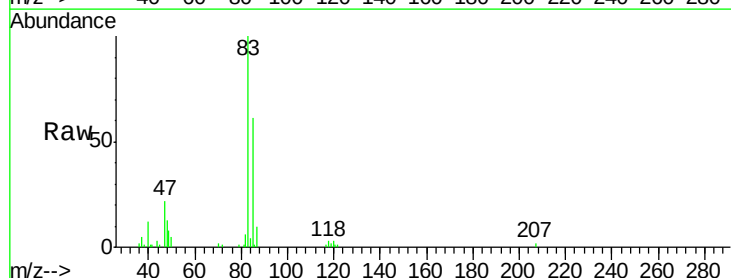
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

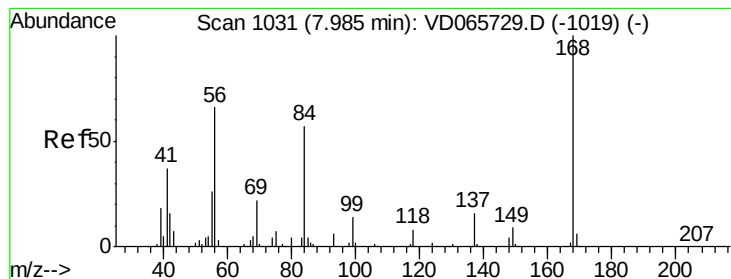
Tot Ion: 42 Resp: 30111
Ion Ratio Lower Upper
42 100
72 42.1 33.5 50.3
71 39.0 31.8 47.6



#30
Chloroform
Concen: 8.963 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion: 83 Resp: 63097
Ion Ratio Lower Upper
83 100
85 60.9 52.2 78.2





#31

Cyclohexane

Concen: 8.584 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

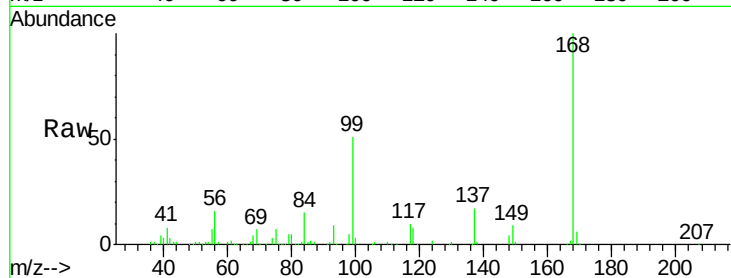
Tot Ion: 56 Resp: 64467

Ion Ratio Lower Upper

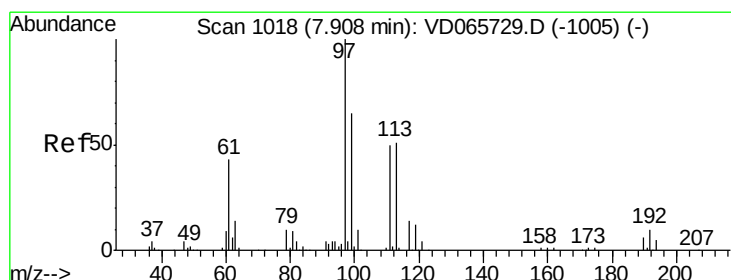
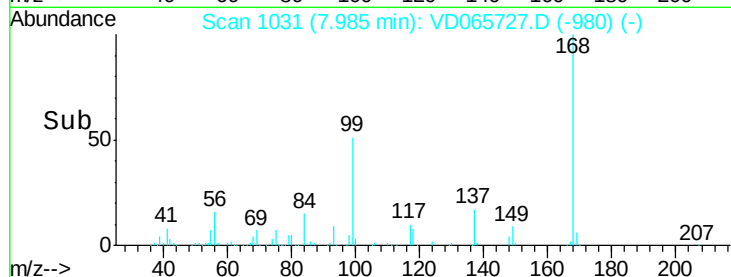
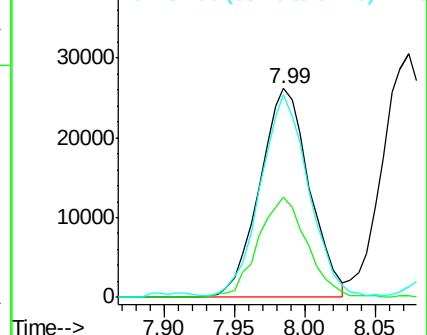
56 100

69 47.8 25.9 38.9#

84 95.5 69.1 103.7



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: 9.044 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

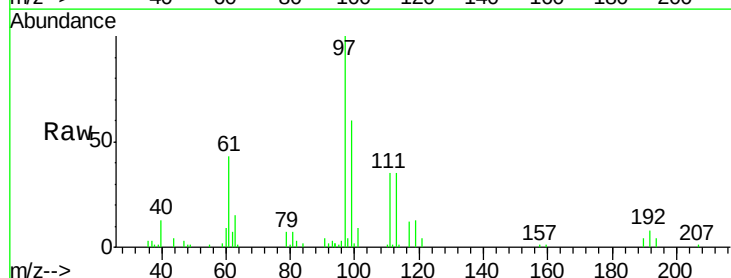
Tgt Ion: 97 Resp: 59254

Ion Ratio Lower Upper

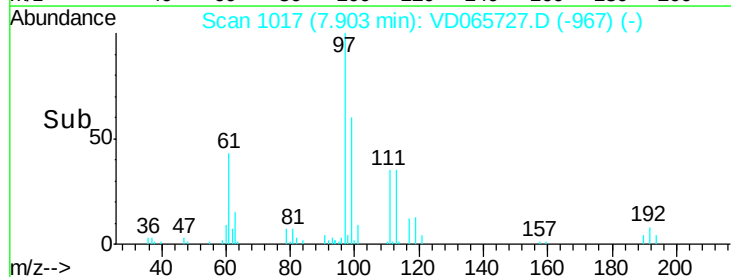
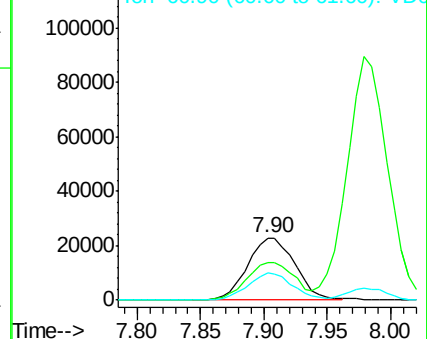
97 100

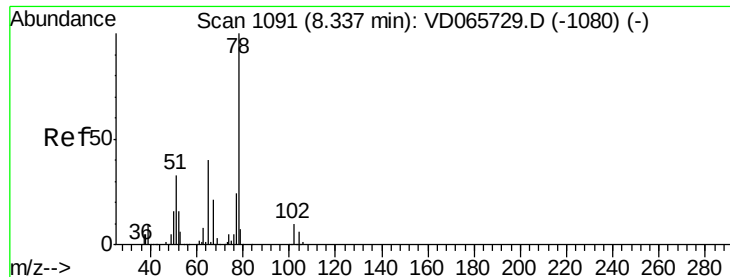
99 61.1 50.5 75.7

61 41.3 33.9 50.9



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: 8.060 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

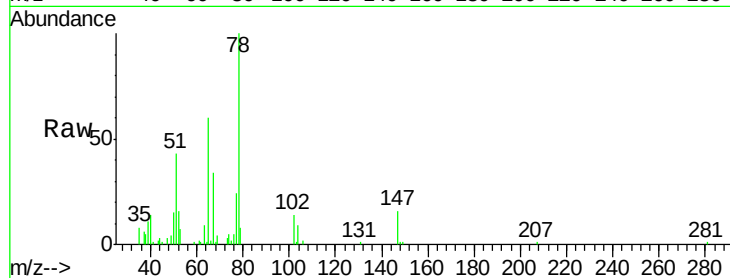
VSTDIC010

Tot Ion: 65 Resp: 29934

Ion Ratio Lower Upper

65 100

67 55.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

15000

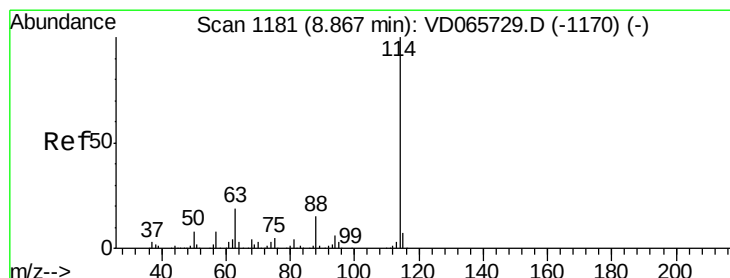
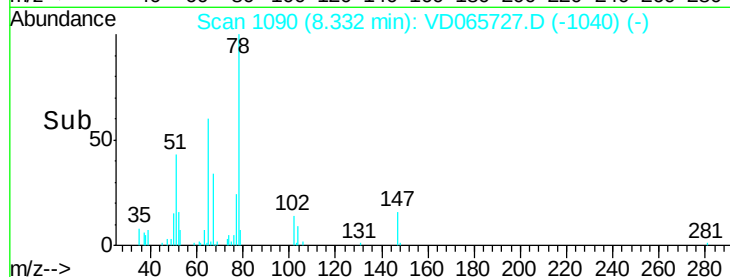
10000

5000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

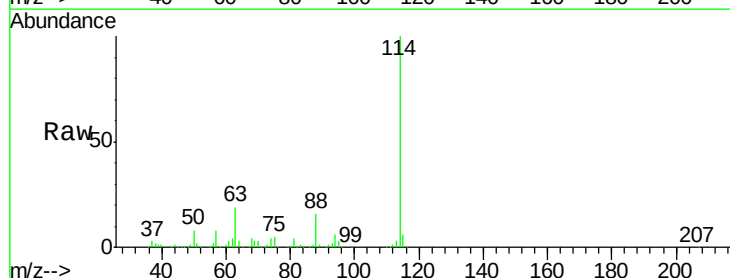
Tgt Ion: 114 Resp: 572644

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.2

88 15.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

300000

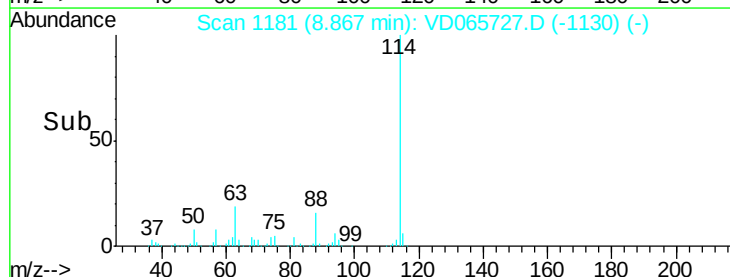
200000

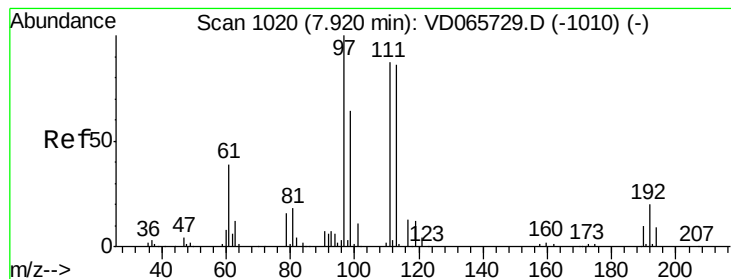
100000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 8.789 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

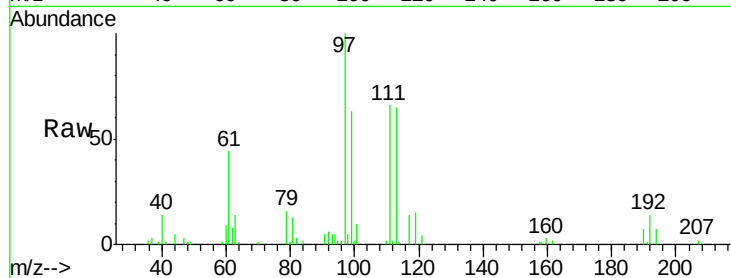
Tot Ion:113 Resp: 30703

Ion Ratio Lower Upper

113 100

111 104.4 81.1 121.7

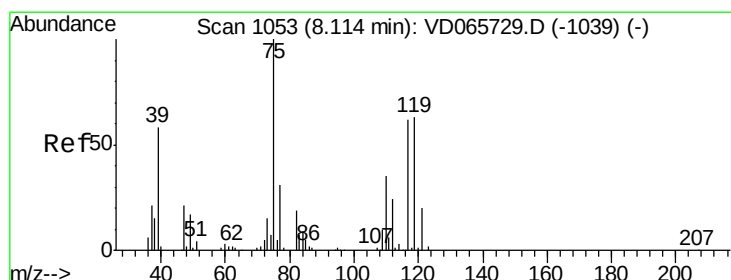
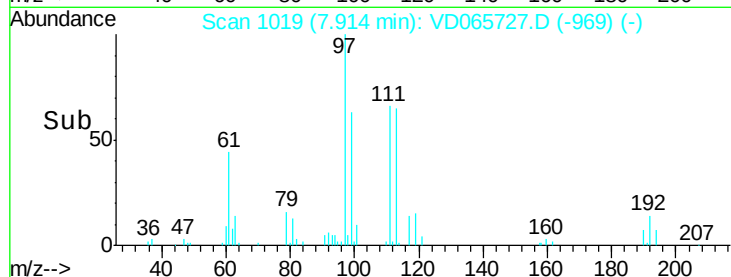
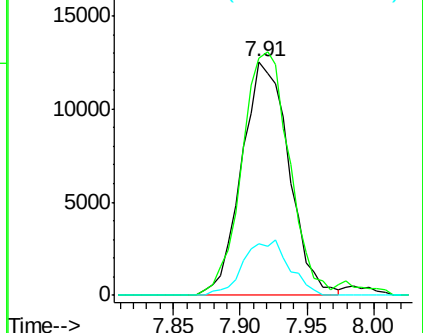
192 22.8 17.6 26.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 9.107 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

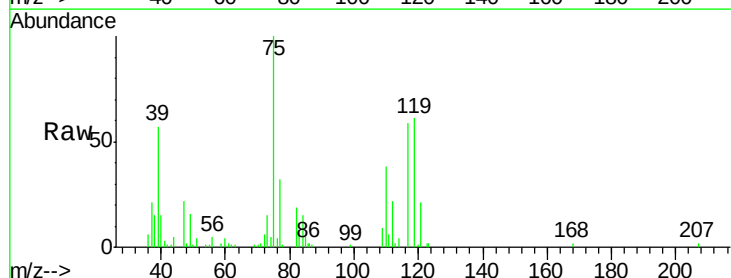
Tgt Ion: 75 Resp: 50484

Ion Ratio Lower Upper

75 100

110 35.8 18.4 55.2

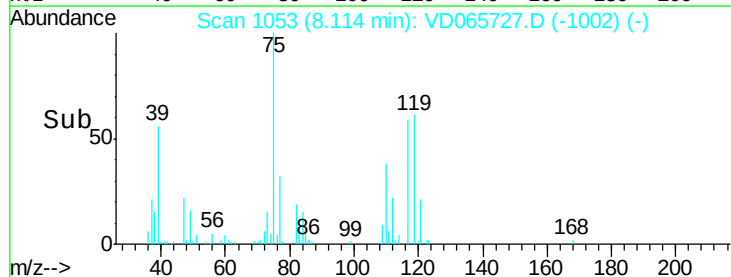
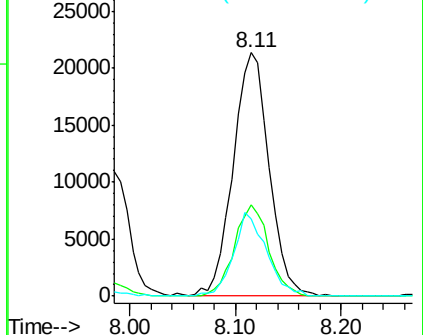
77 31.3 24.6 37.0

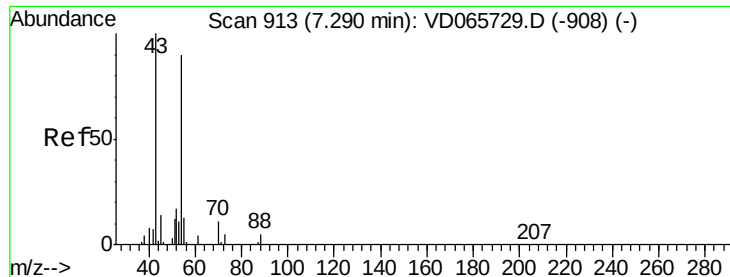


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

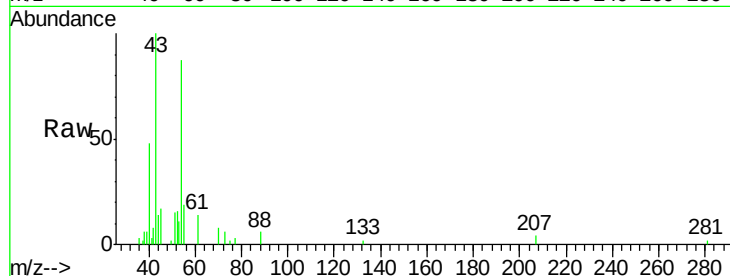




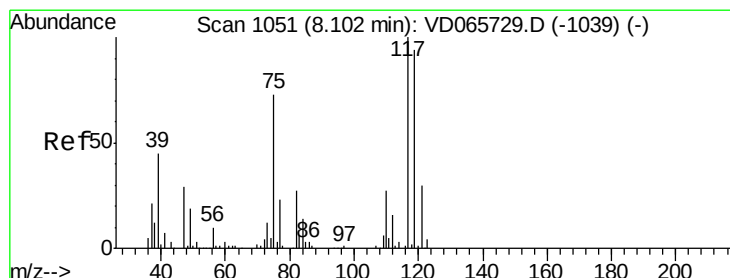
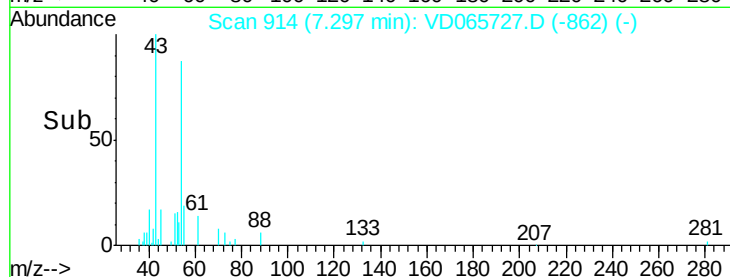
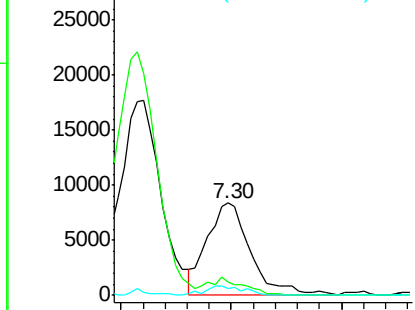
#37
Ethyl Acetate
Concen: 8.796 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 22987
Ion Ratio Lower Upper
43 100
61 15.4 9.8 14.6#
70 9.2 8.6 12.8

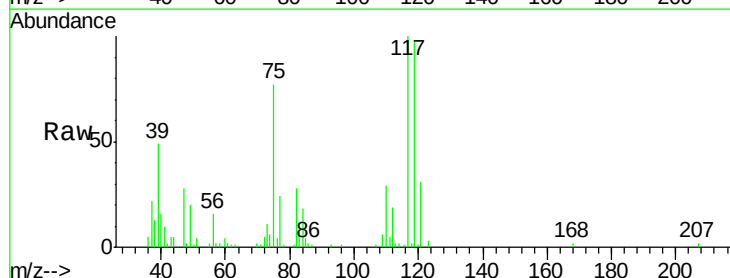


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

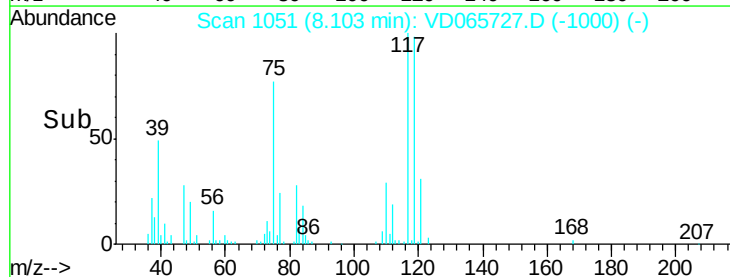
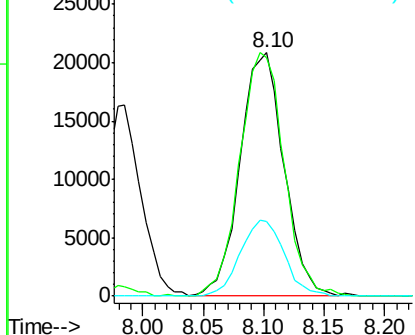


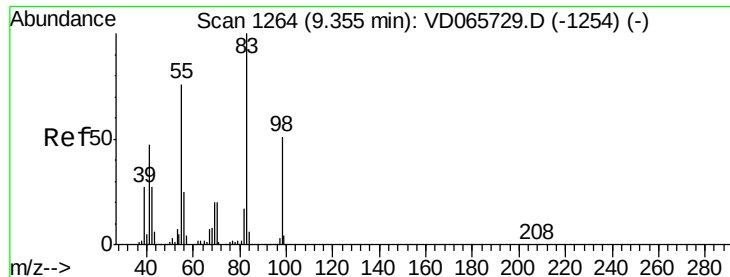
#38
Carbon Tetrachloride
Concen: 9.528 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion: 117 Resp: 52914
Ion Ratio Lower Upper
117 100
119 97.7 75.6 113.4
121 30.6 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

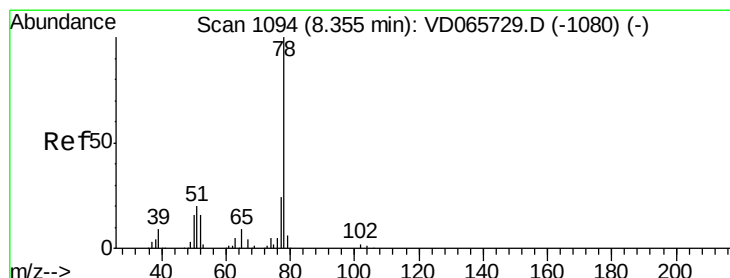
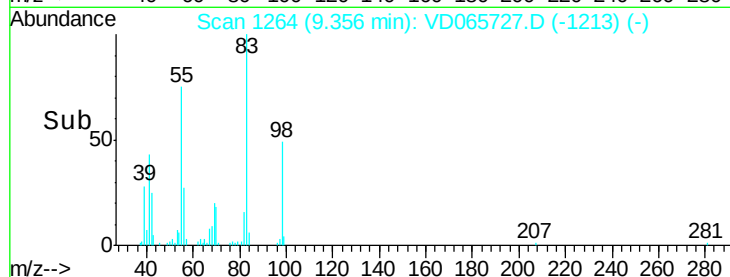
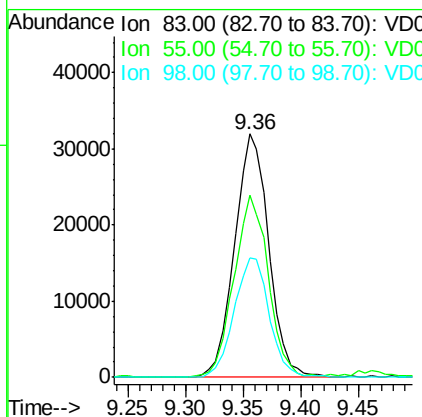
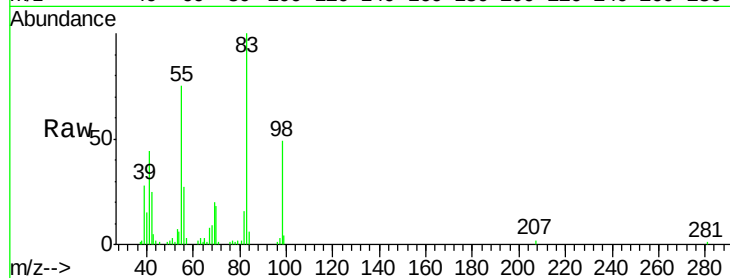




#39
Methylvlcyclohexane
Concen: 9.450 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

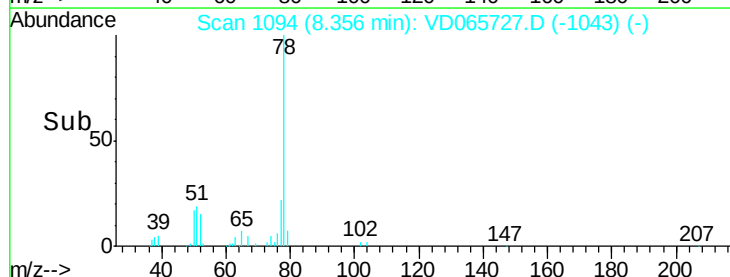
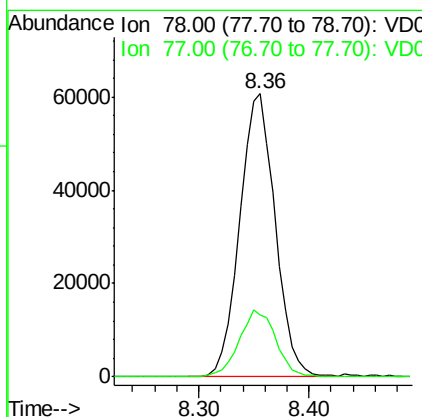
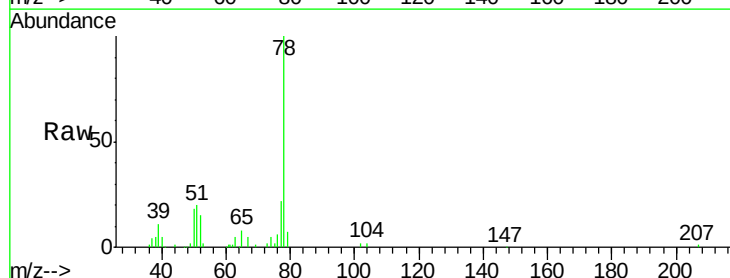
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

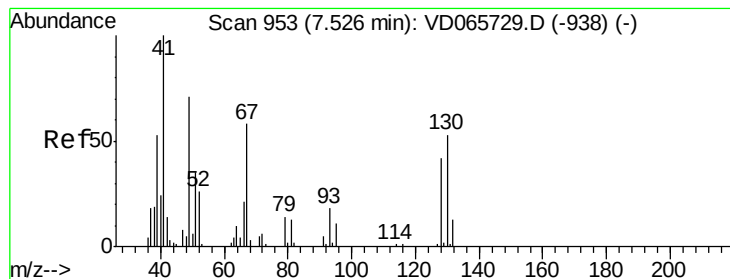
Tot Ion: 83 Resp: 65674
Ion Ratio Lower Upper
83 100
55 75.0 60.9 91.3
98 49.3 40.6 61.0



#40
Benzene
Concen: 9.043 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion: 78 Resp: 137084
Ion Ratio Lower Upper
78 100
77 21.8 19.1 28.7





#41

Methacrylonitrile

Concen: 6.914 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 10557

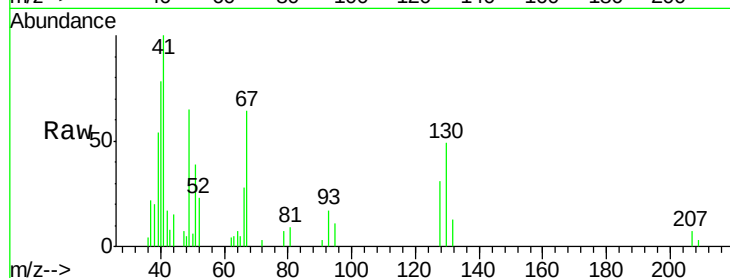
Ion Ratio Lower Upper

41 100

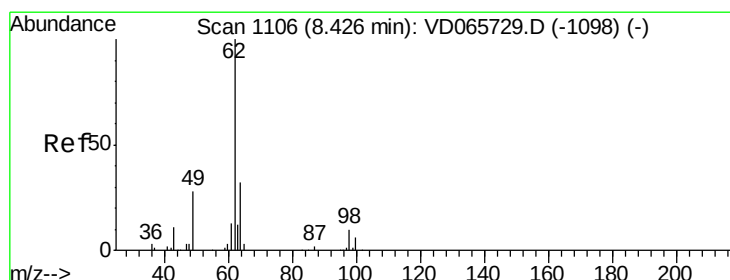
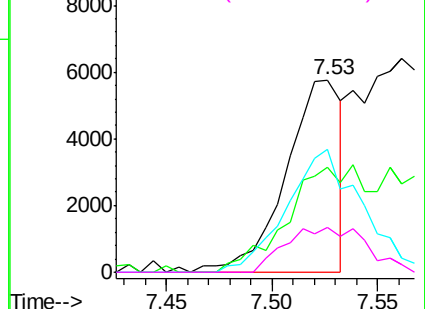
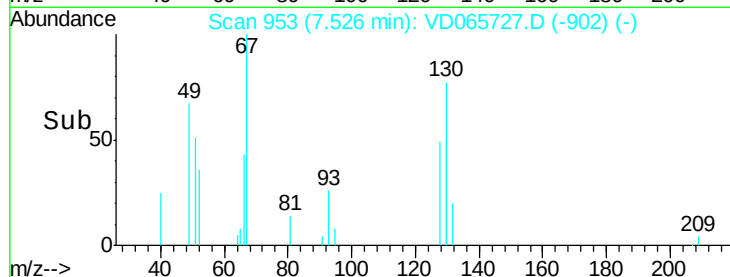
39 81.7 56.8 85.2

67 86.7 57.9 86.9

52 33.9 25.9 38.9



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: 8.895 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD065727.D

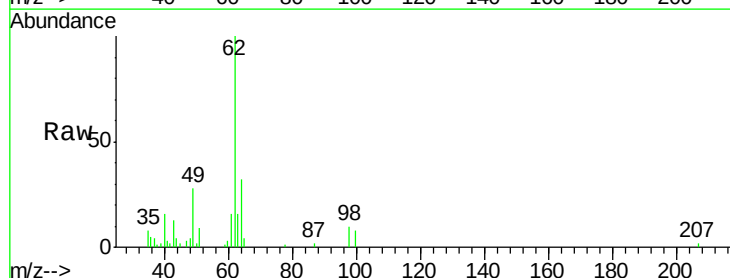
Acq: 13 May 2020 12:27

Tgt Ion: 62 Resp: 38696

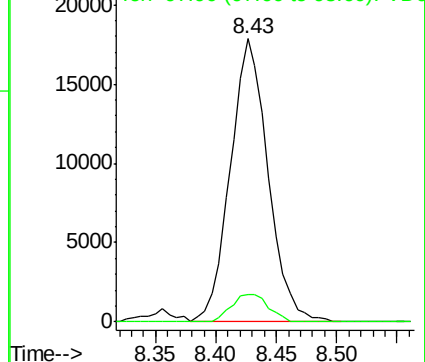
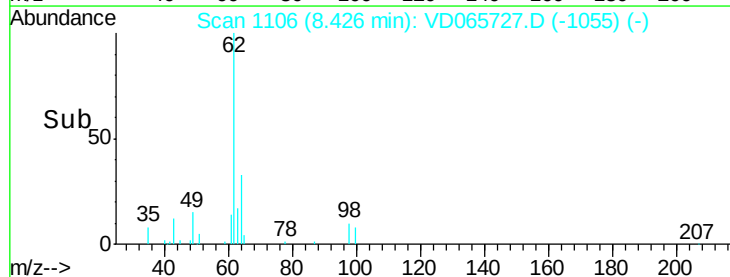
Ion Ratio Lower Upper

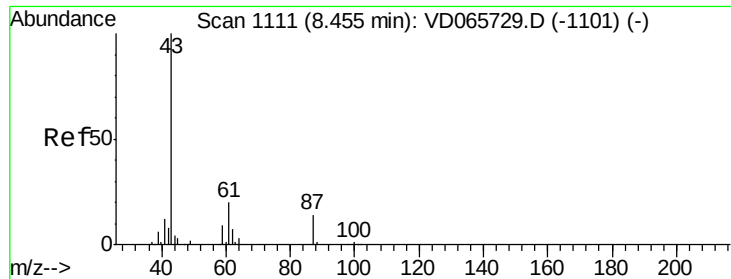
62 100

98 9.6 0.0 19.6



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

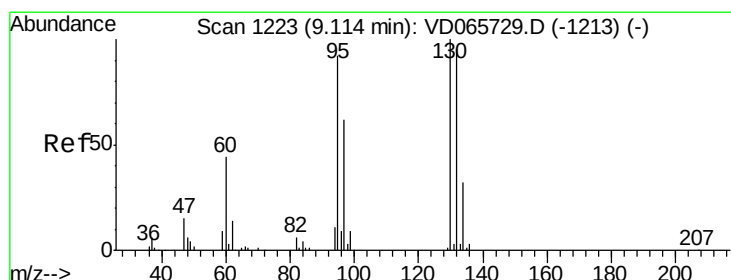
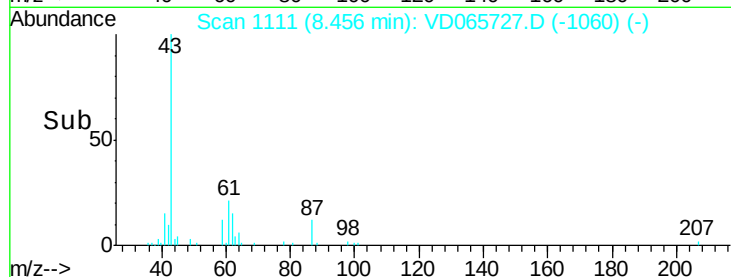
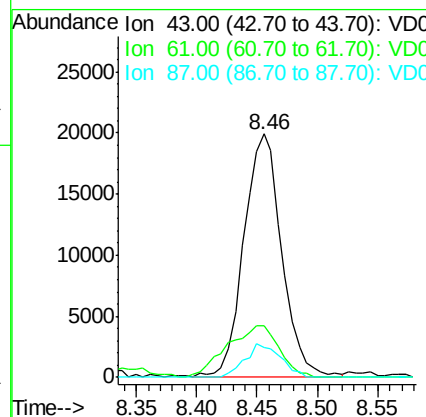
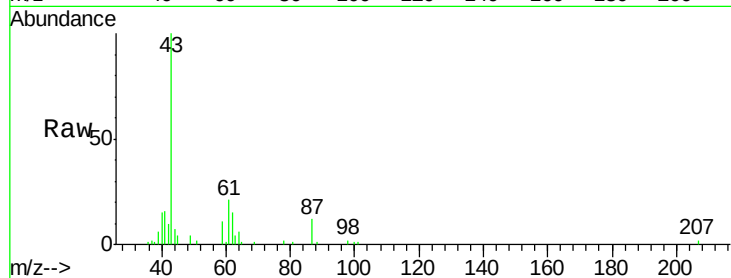




#43
Isopropyl Acetate
Concen: 8.334 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

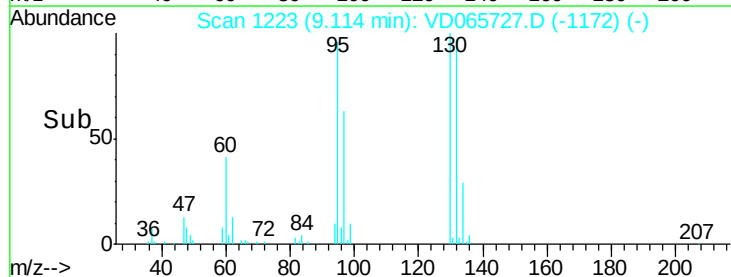
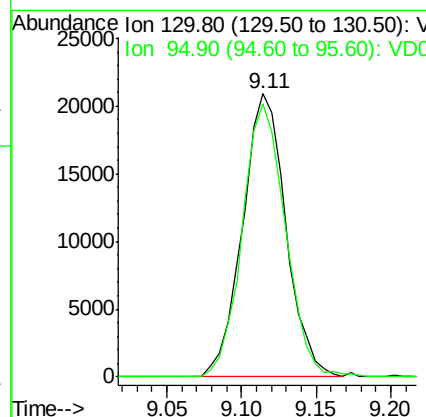
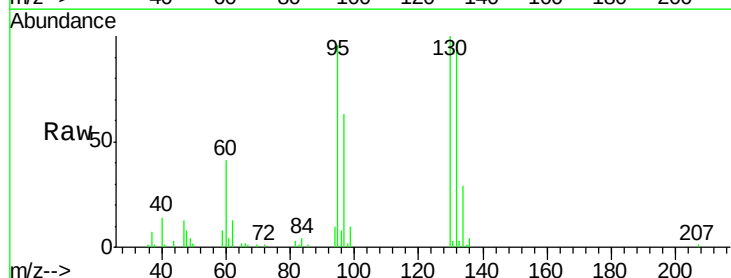
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

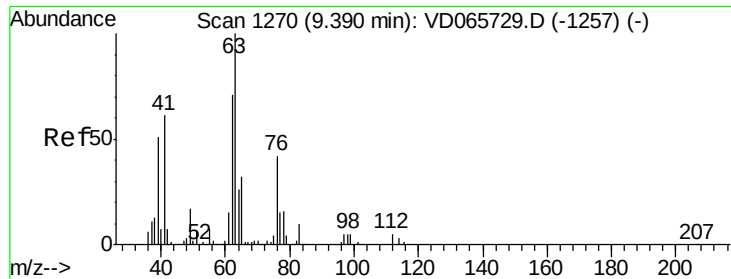
Tot Ion	43	Resp	43580
Ion Ratio	Lower	Upper	
43	100		
61	29.0	23.8	35.6
87	12.8	10.5	15.7



#44
Trichloroethene
Concen: 9.947 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion	130	Resp	42088
Ion Ratio	Lower	Upper	
130	100		
95	96.3	0.0	183.6

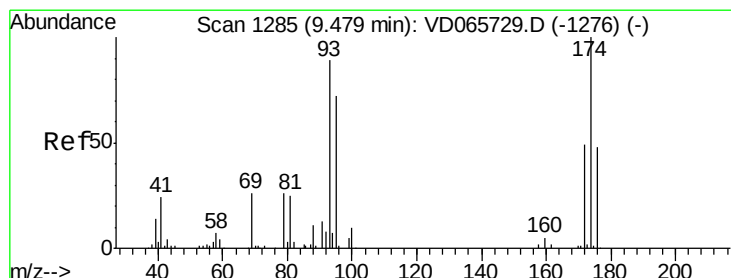
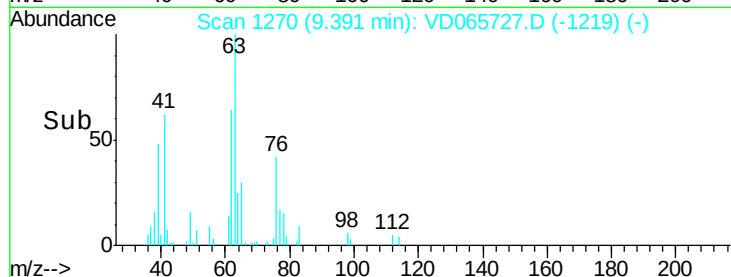
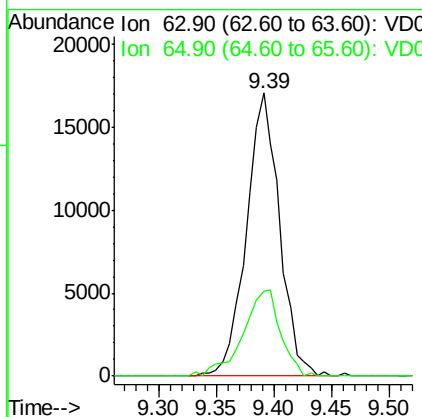
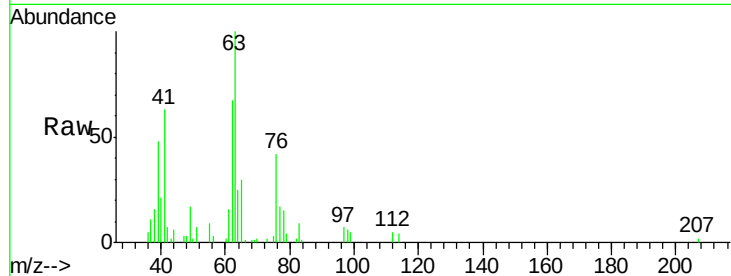




#45
 1,2-Dichloropropane
 Concen: 8.742 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

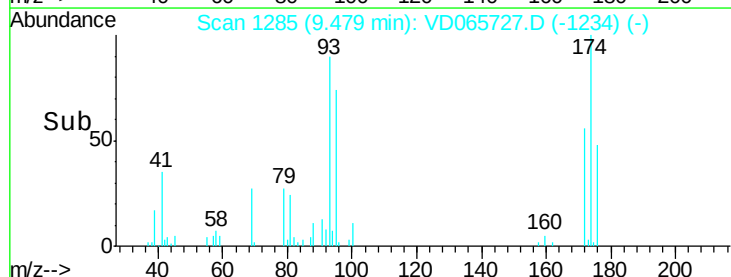
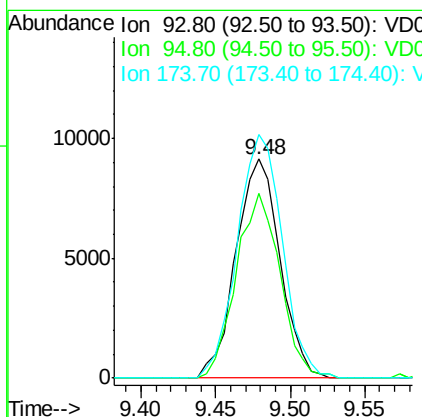
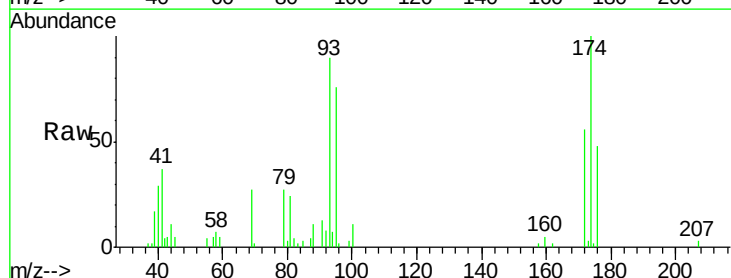
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

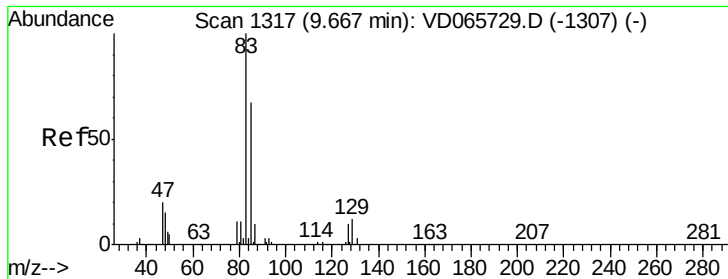
Tot Ion: 63 Resp: 34002
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.3 37.9



#46
 Dibromomethane
 Concen: 9.523 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

Tgt Ion: 93 Resp: 18750
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.4 98.2
 174 113.2 89.9 134.9

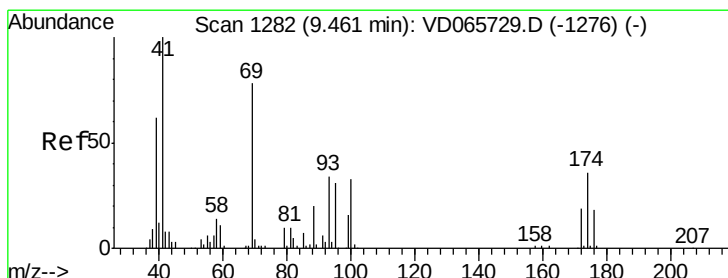
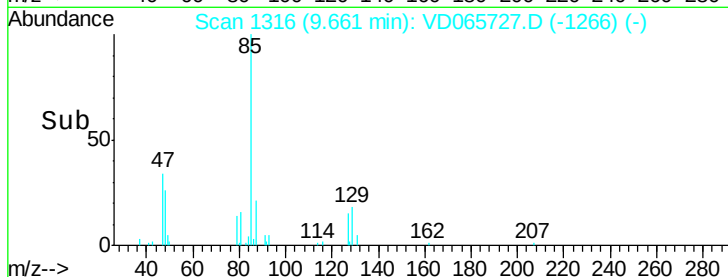
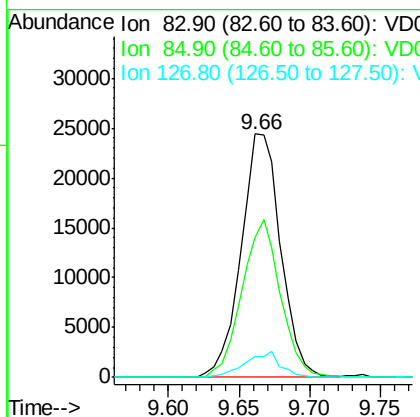
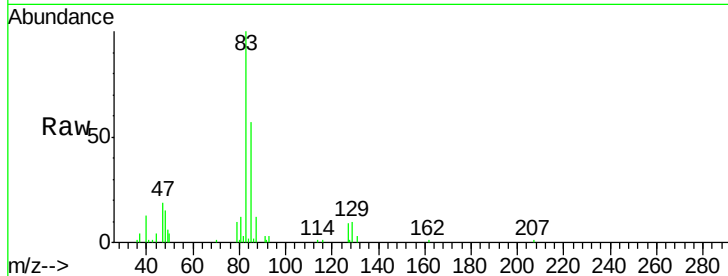




#47
Bromodichloromethane
Concen: 9.102 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

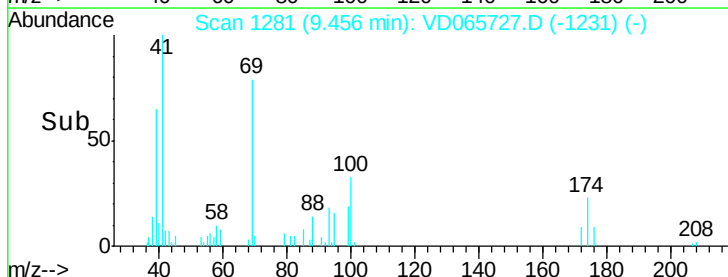
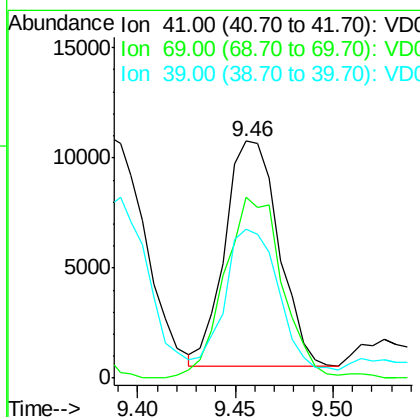
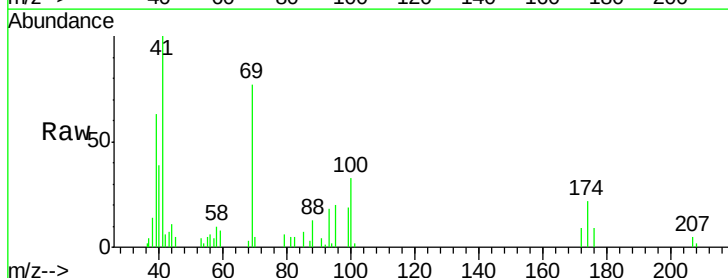
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

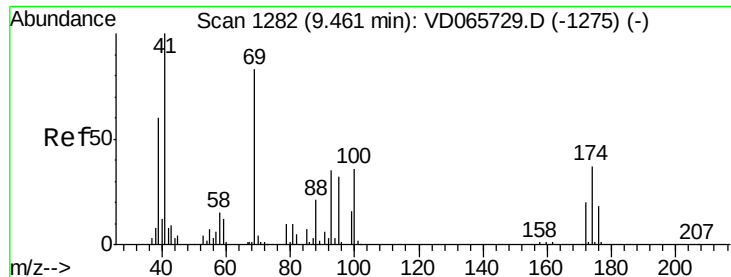
Tot Ion: 83 Resp: 47928
Ion Ratio Lower Upper
83 100
85 57.3 53.6 80.4
127 8.6 7.7 11.5



#48
Methyl methacrylate
Concen: 7.470 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion: 41 Resp: 19517
Ion Ratio Lower Upper
41 100
69 87.2 64.4 96.6
39 62.1 46.7 70.1

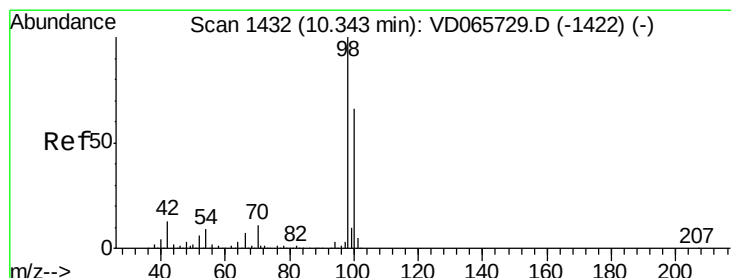
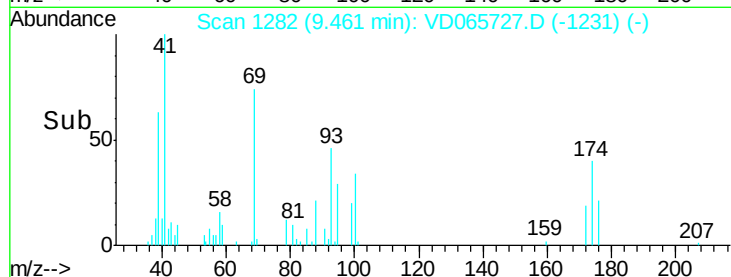
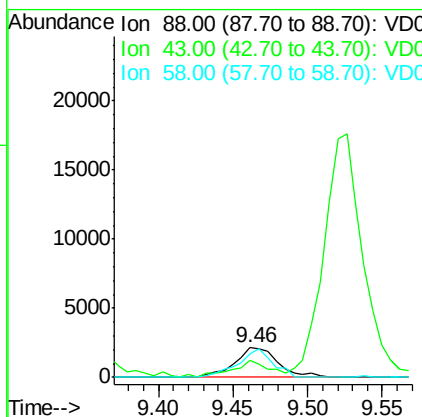
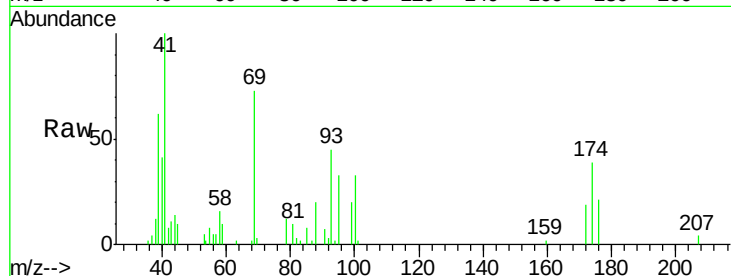




#49
 1,4-Dioxane
 Concen: 182.651 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

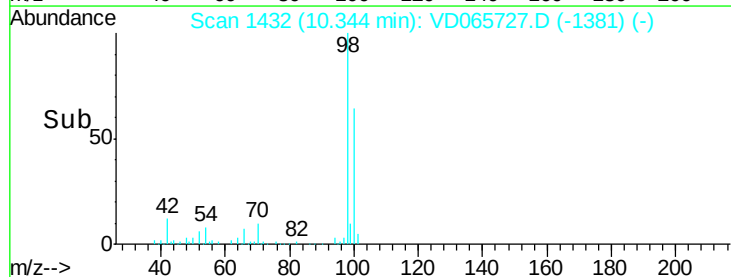
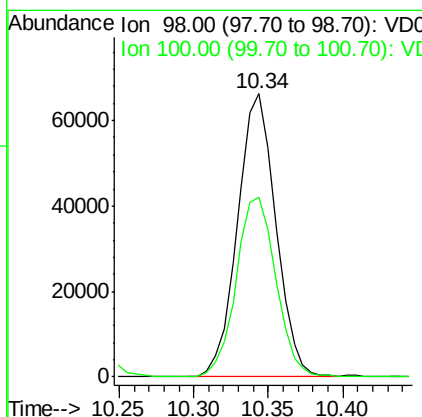
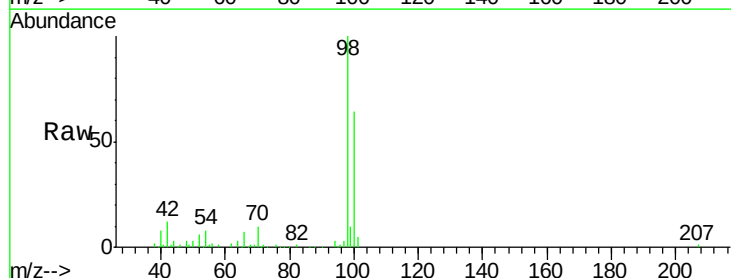
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

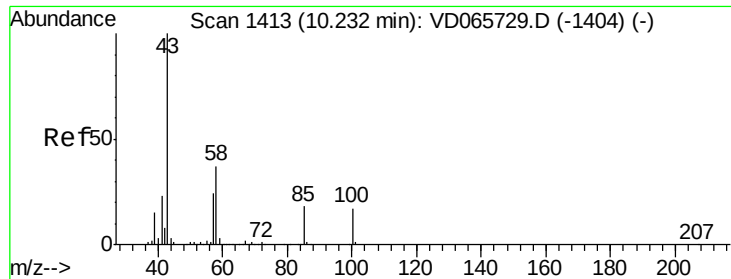
Tot Ion: 88 Resp: 4369
 Ion Ratio Lower Upper
 88 100
 43 48.8 29.4 44.0#
 58 76.3 55.1 82.7



#50
 Toluene-d8
 Concen: 8.840 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

Tgt Ion: 98 Resp: 117960
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 41.466 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

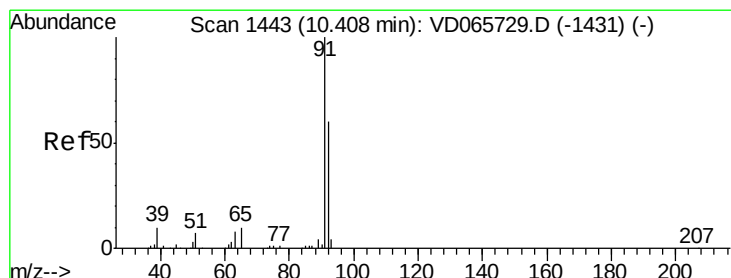
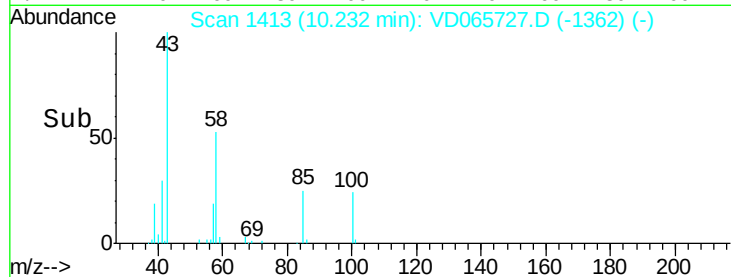
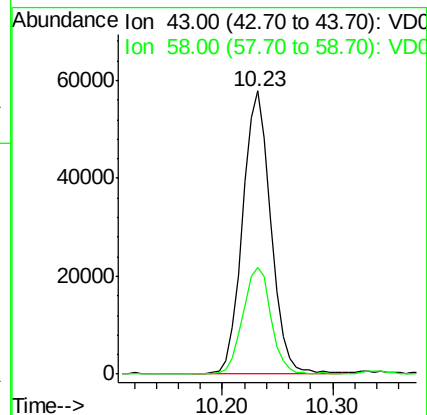
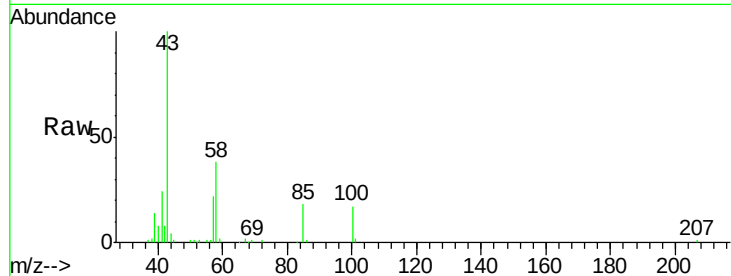
VSTDIC010

Tot Ion: 43 Resp: 104540

Ion Ratio Lower Upper

43 100

58 37.3 30.2 45.2



#52

Toluene

Concen: 9.506 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD065727.D

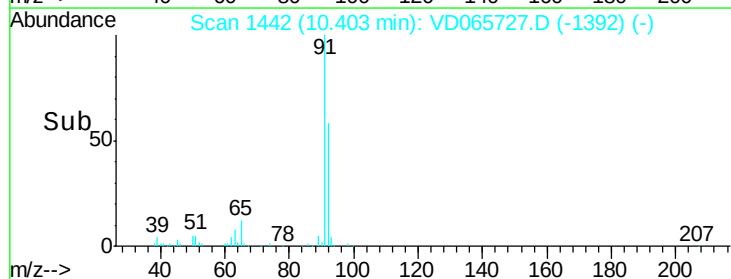
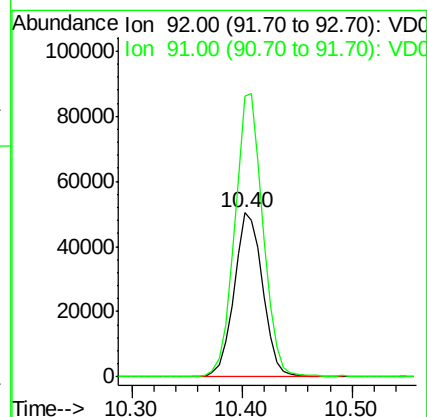
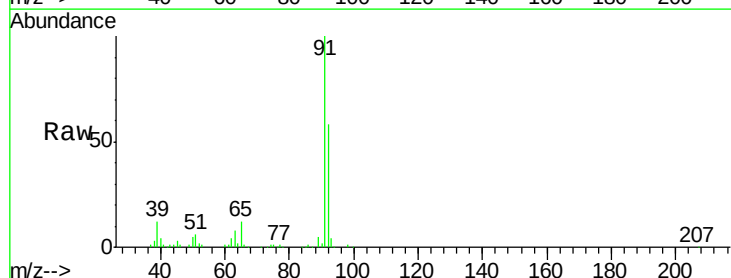
Acq: 13 May 2020 12:27

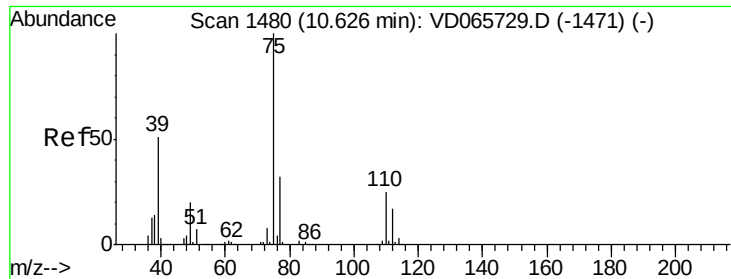
Tgt Ion: 92 Resp: 91641

Ion Ratio Lower Upper

92 100

91 169.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 8.905 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

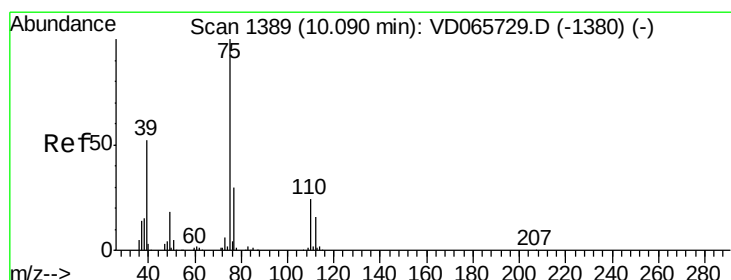
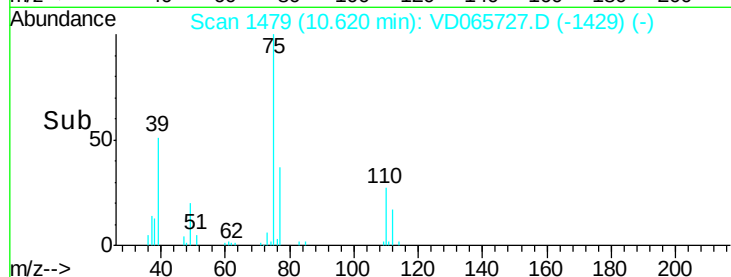
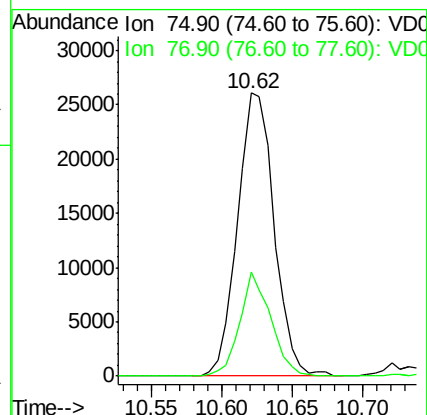
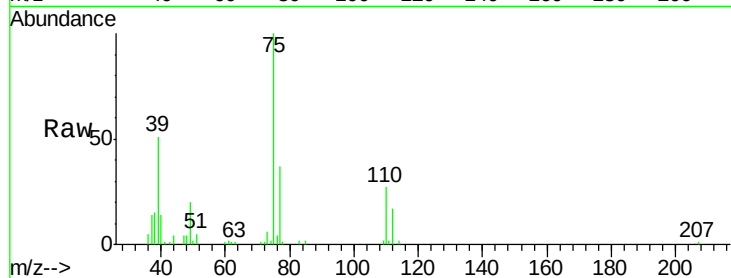
VSTDIC010

Tot Ion: 75 Resp: 47163

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 8.974 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

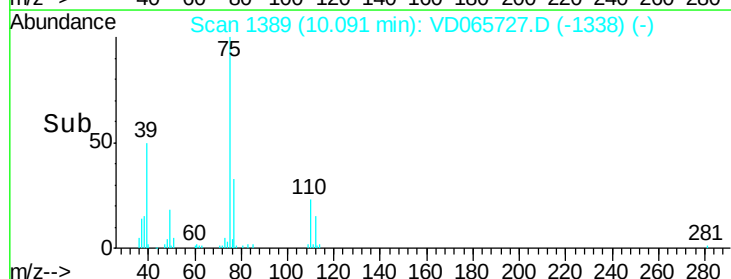
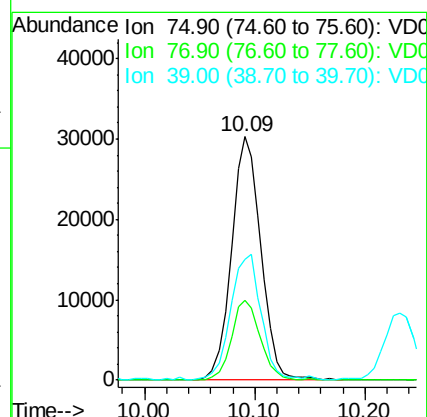
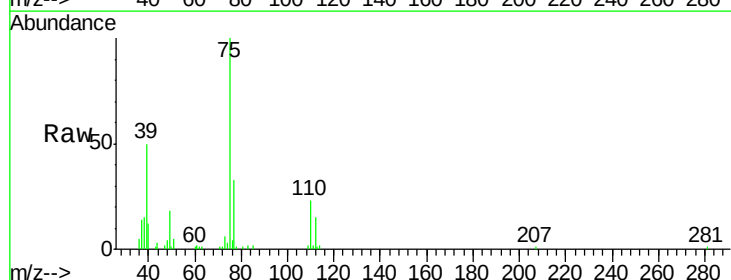
Tgt Ion: 75 Resp: 56291

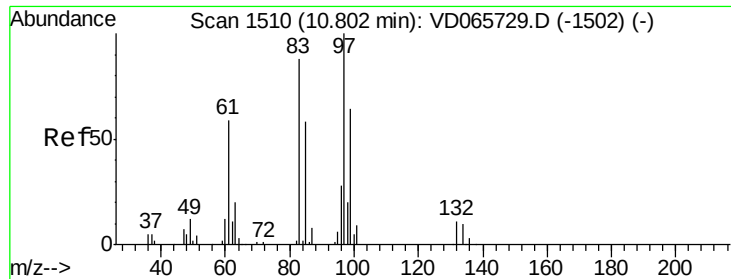
Ion Ratio Lower Upper

75 100

77 32.8 23.8 35.6

39 49.7 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 9.698 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 97 Resp: 25734

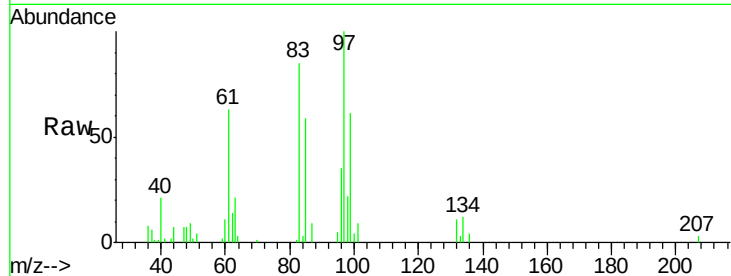
Ion Ratio Lower Upper

97 100

83 85.2 70.7 106.1

85 58.6 46.8 70.2

99 61.1 50.9 76.3

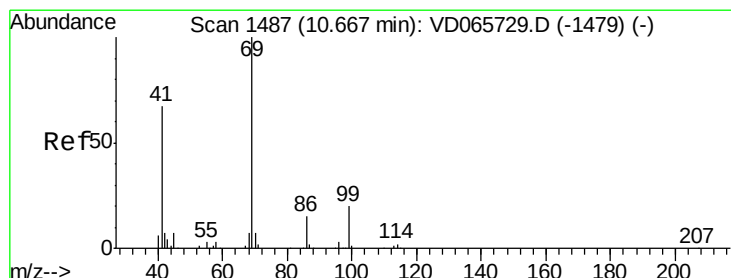
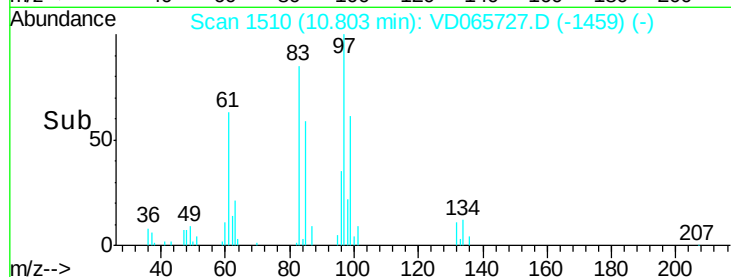
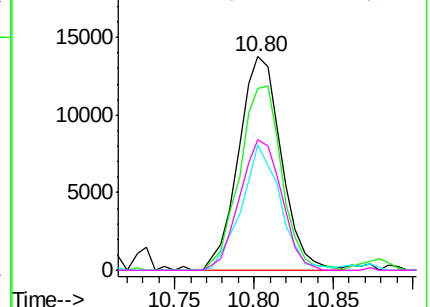


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 8.727 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

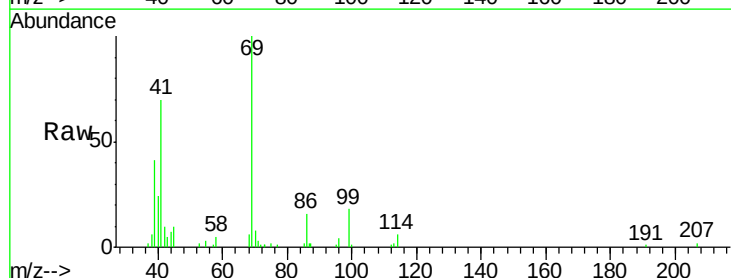
Tgt Ion: 69 Resp: 33063

Ion Ratio Lower Upper

69 100

41 71.1 55.7 83.5

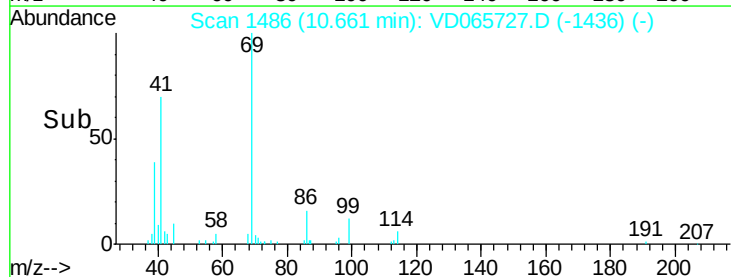
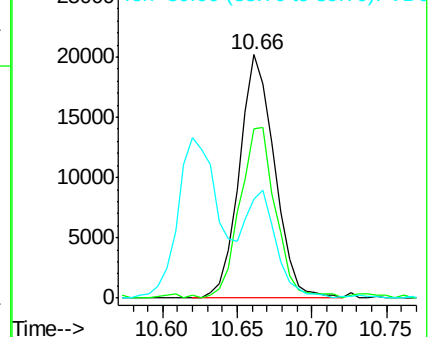
39 38.0 28.6 43.0

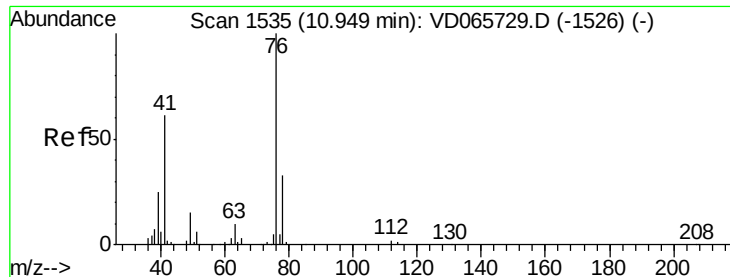


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 9.265 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

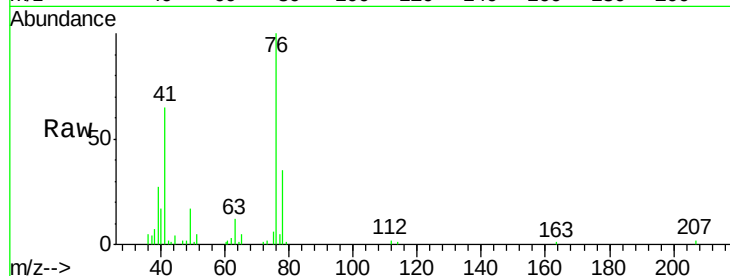
VSTDIC010

Tot Ion: 76 Resp: 44043

Ion Ratio Lower Upper

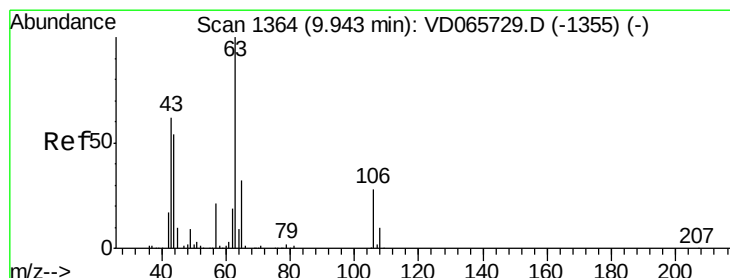
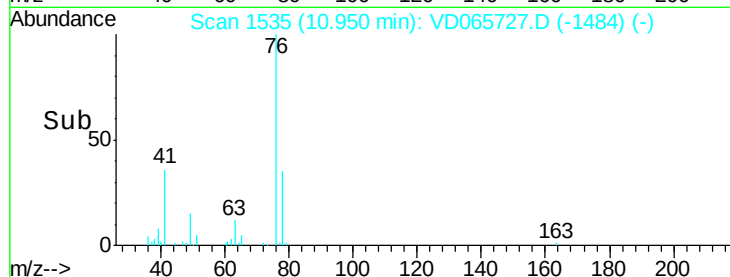
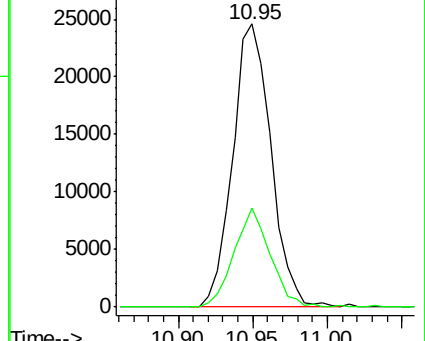
76 100

78 32.9 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 44.431 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065727.D

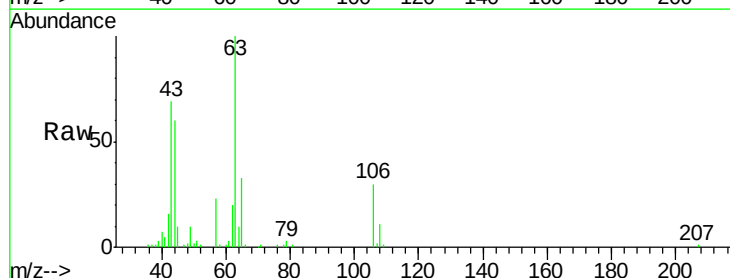
Acq: 13 May 2020 12:27

Tgt Ion: 63 Resp: 77902

Ion Ratio Lower Upper

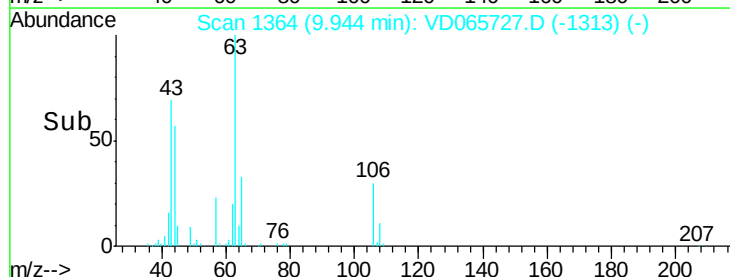
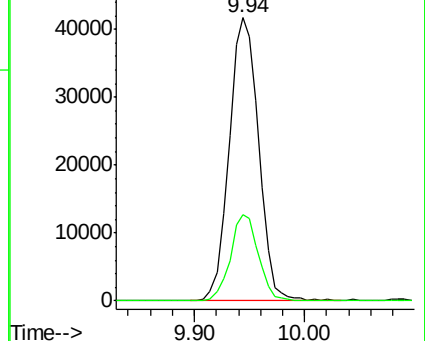
63 100

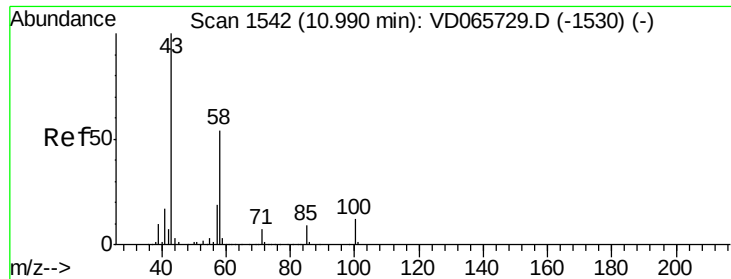
106 29.0 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

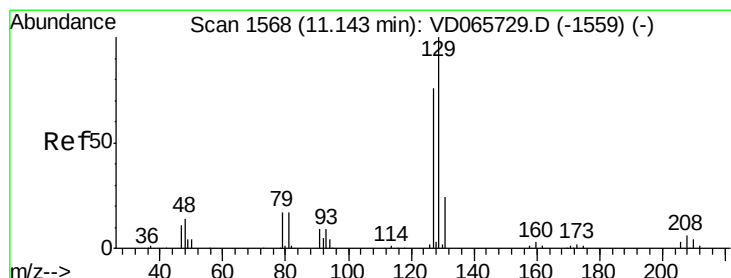
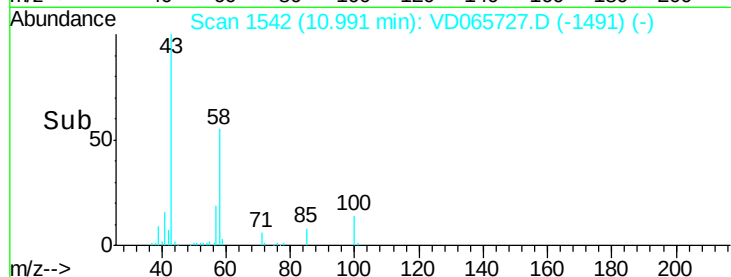
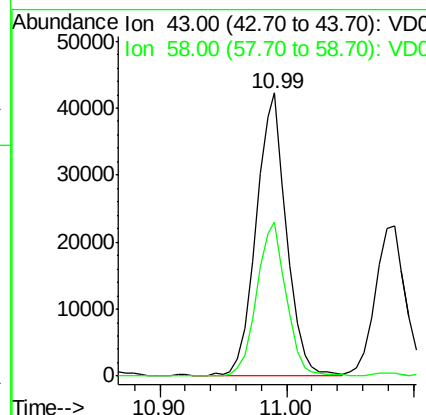
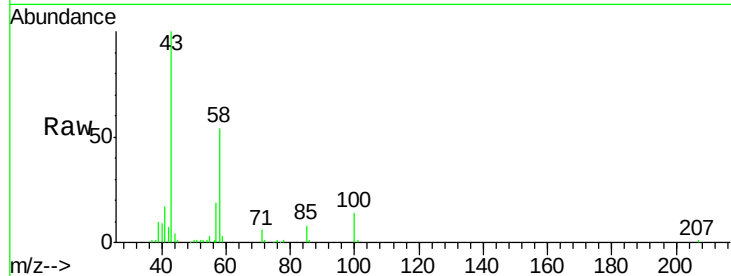




#59
2-Hexanone
Concen: 40.691 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

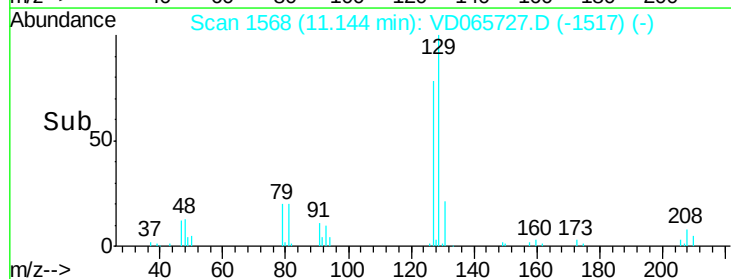
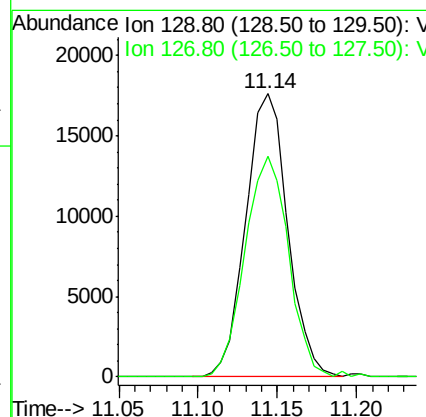
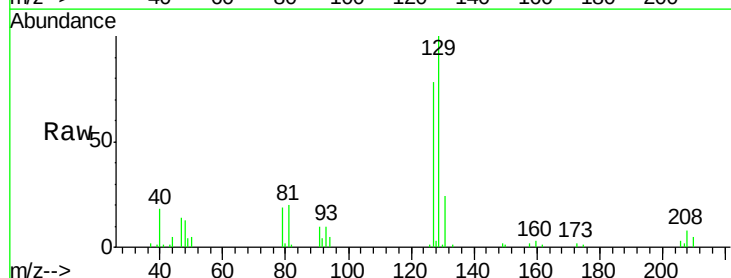
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

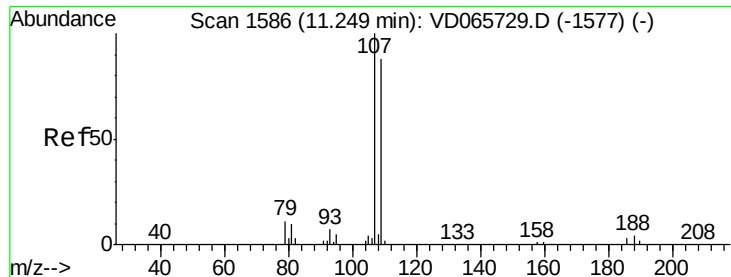
Tot Ion: 43 Resp: 70285
Ion Ratio Lower Upper
43 100
58 53.0 26.7 80.1



#60
Dibromochloromethane
Concen: 9.038 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion: 129 Resp: 32475
Ion Ratio Lower Upper
129 100
127 80.4 38.3 114.9

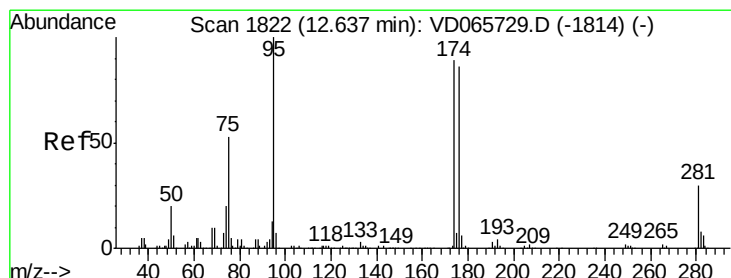
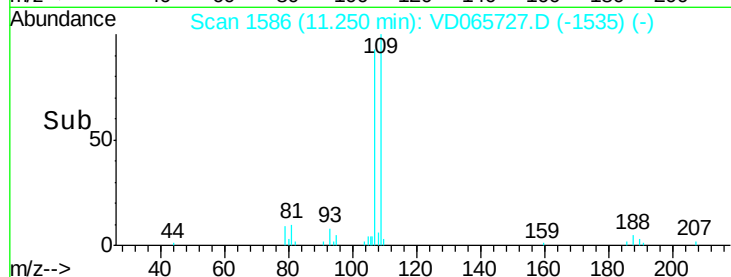
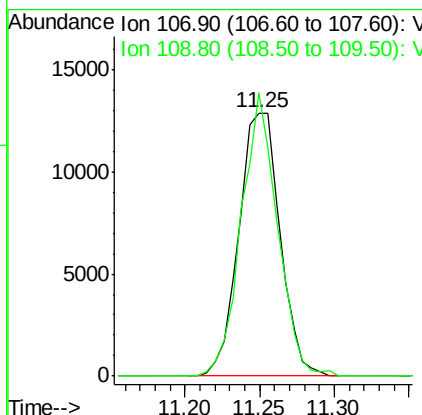
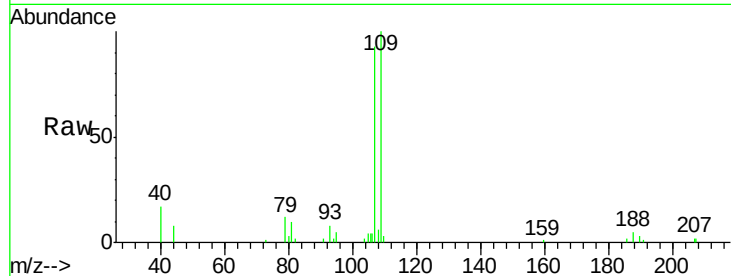




#61
 1,2-Dibromoethane
 Concen: 9.206 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

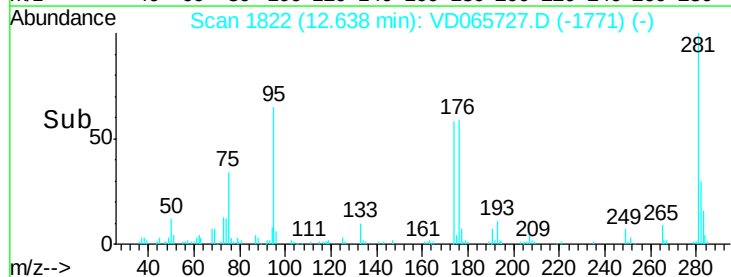
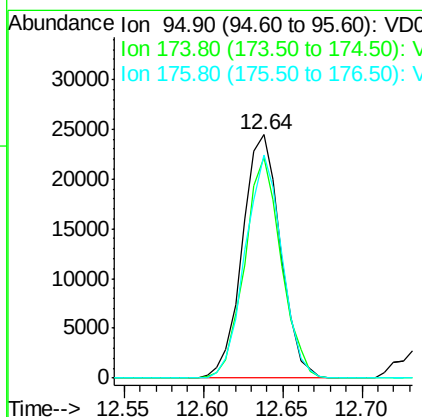
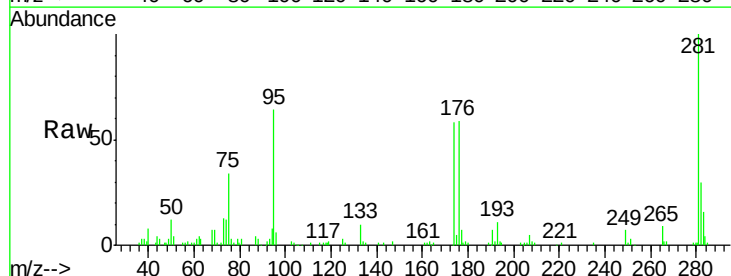
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

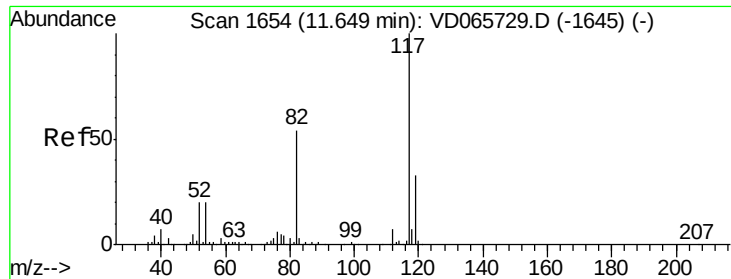
Tot Ion:107 Resp: 24582
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 8.671 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

Tgt Ion: 95 Resp: 40804
 Ion Ratio Lower Upper
 95 100
 174 86.7 0.0 179.4
 176 88.5 0.0 174.0

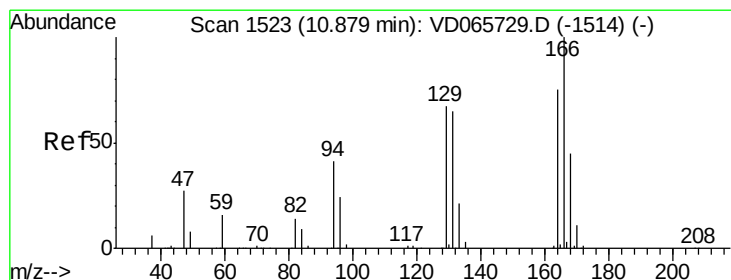
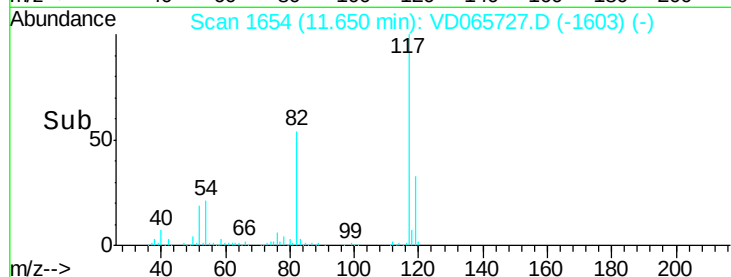
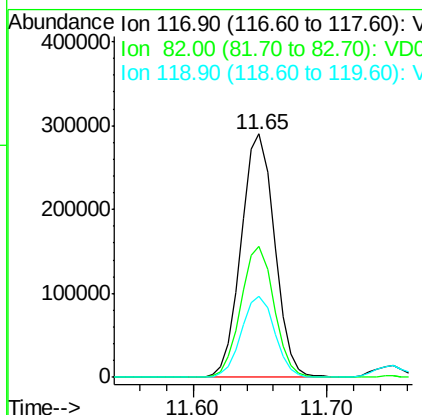
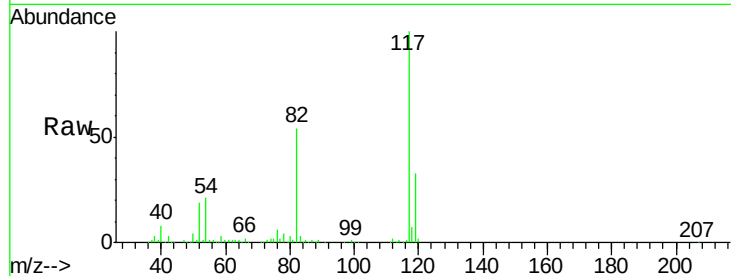




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

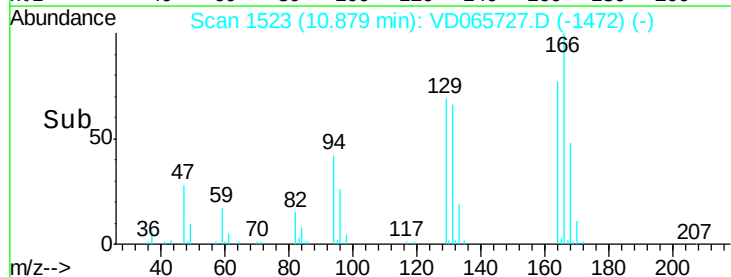
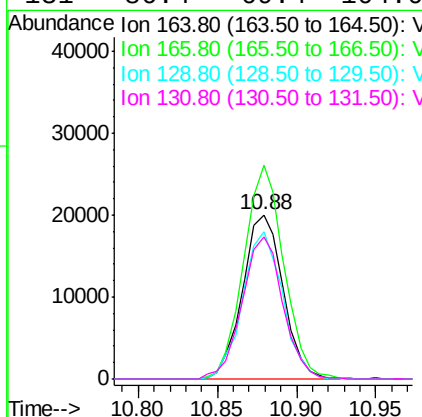
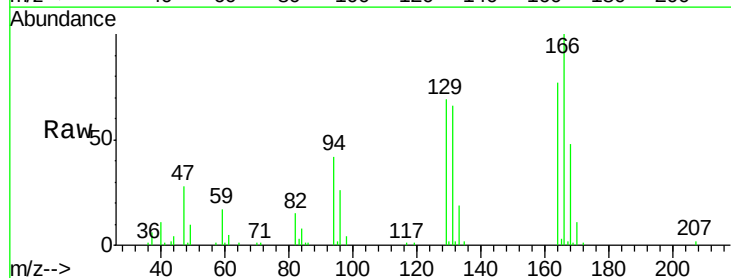
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

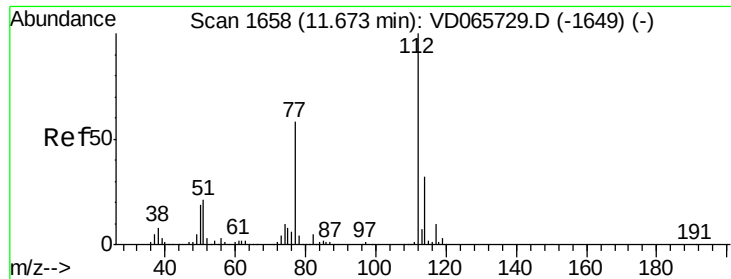
Tot Ion:117 Resp: 502759
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 33.1 26.6 40.0



#64
Tetrachloroethene
Concen: 10.081 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion:164 Resp: 35683
Ion Ratio Lower Upper
164 100
166 130.1 106.6 159.8
129 89.8 71.4 107.2
131 86.4 69.4 104.0

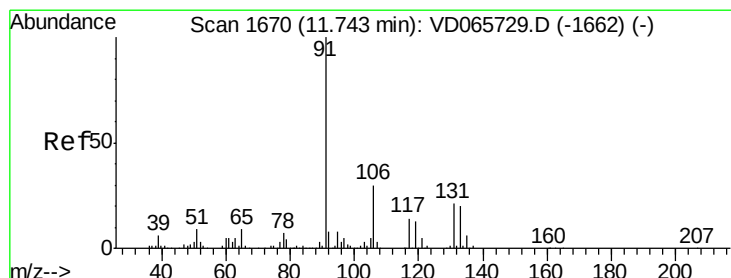
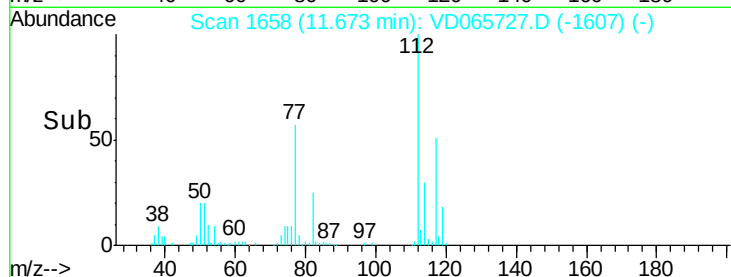
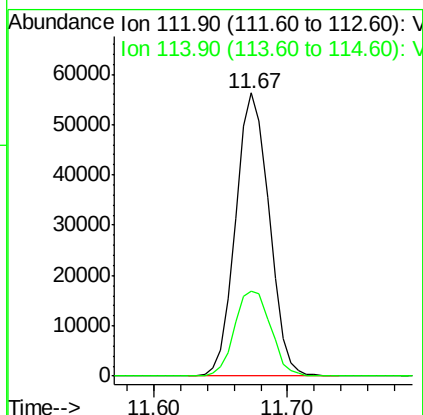
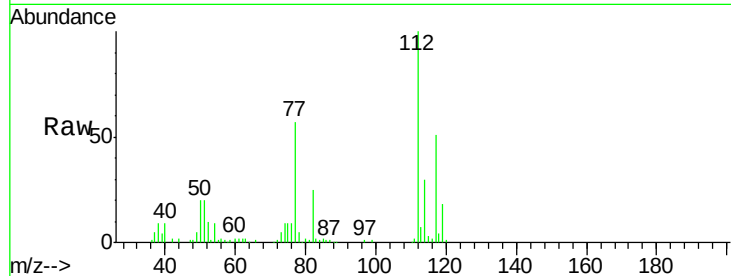




#65
Chlorobenzene
Concen: 9.808 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

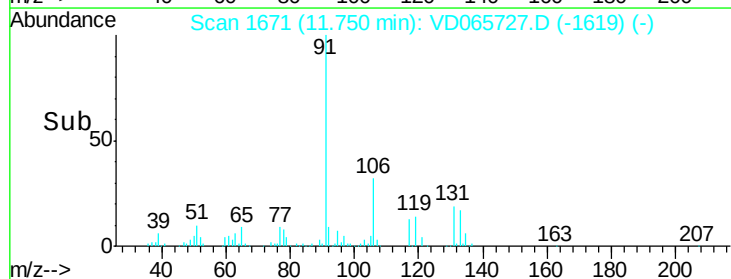
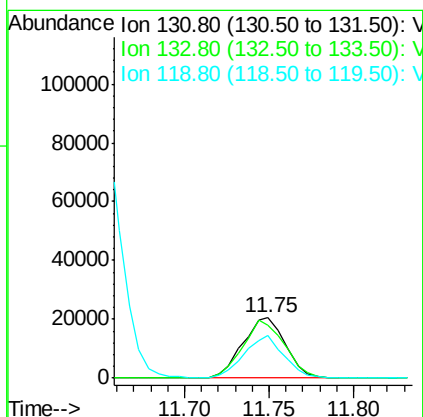
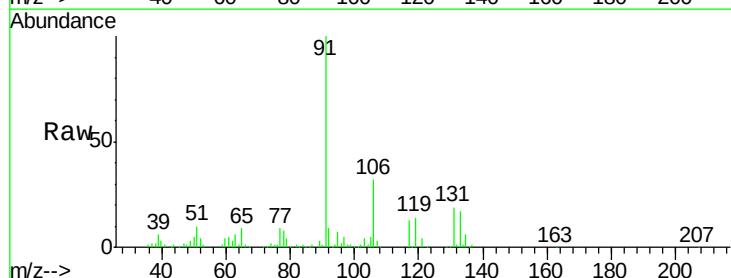
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

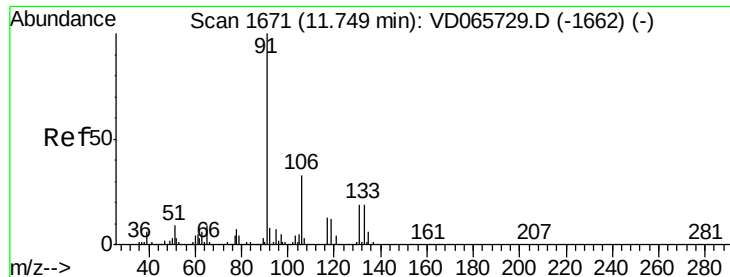
Tot Ion:112 Resp: 97976
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 9.716 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion:131 Resp: 36128
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 66.5 31.6 95.0





#67

Ethyl Benzene

Concen: 9.283 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

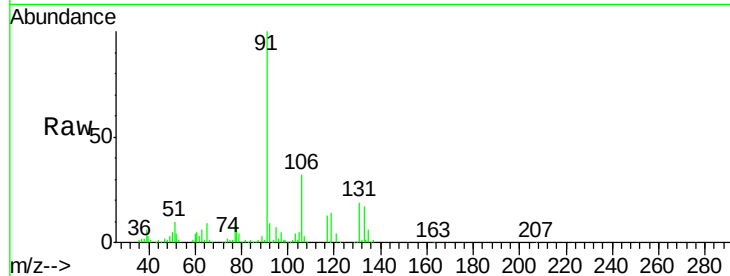
VSTDIC010

Tot Ion: 91 Resp: 171858

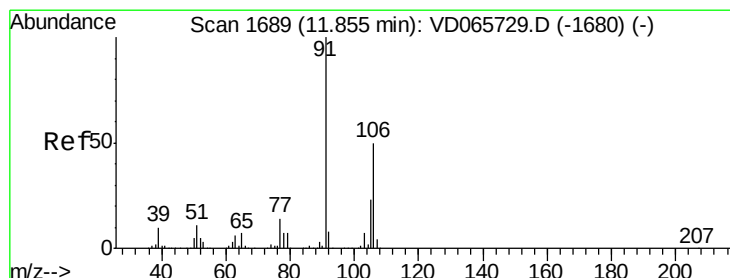
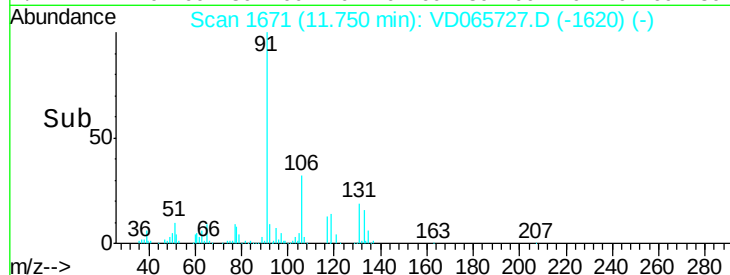
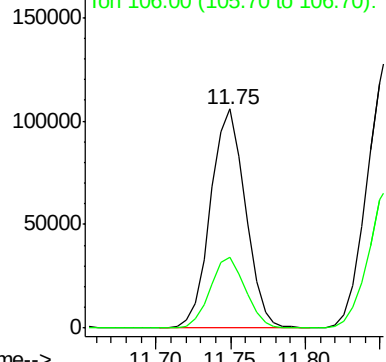
Ion Ratio Lower Upper

91 100

106 32.1 26.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 19.223 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065727.D

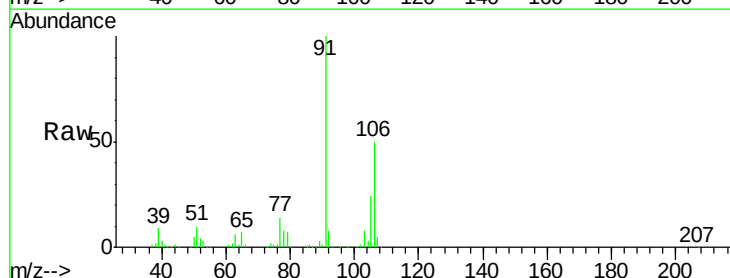
Acq: 13 May 2020 12:27

Tgt Ion: 106 Resp: 133194

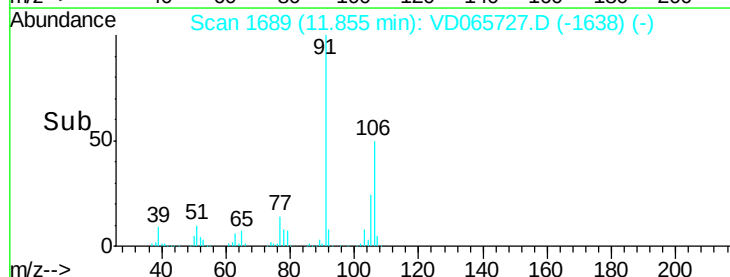
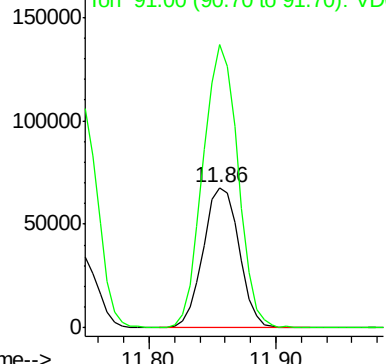
Ion Ratio Lower Upper

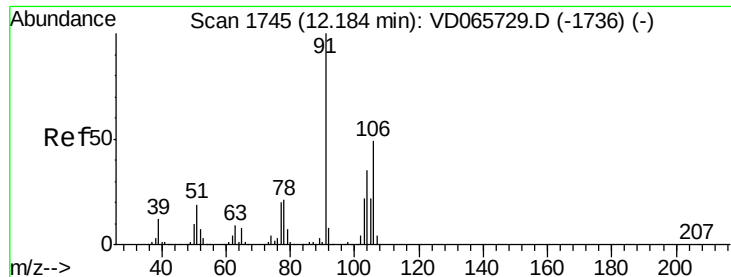
106 100

91 196.8 158.7 238.1



Abundance Ion 106.00 (105.70 to 106.70): V

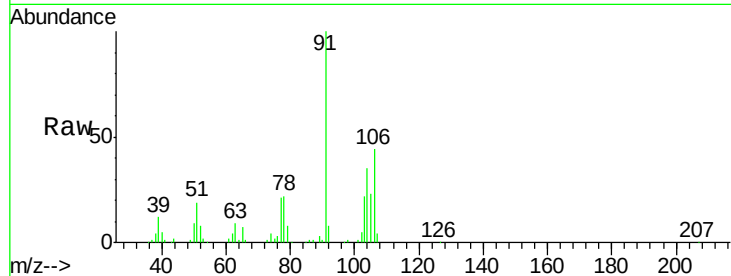




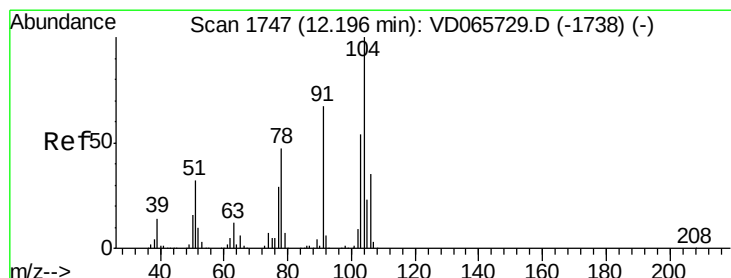
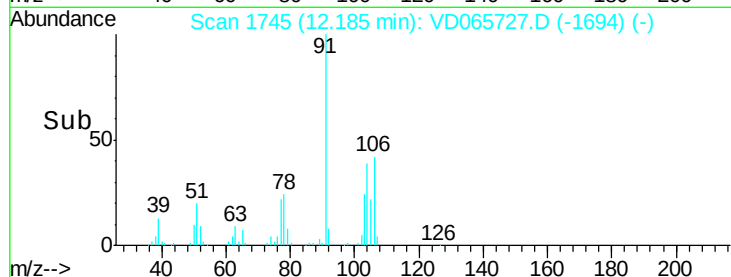
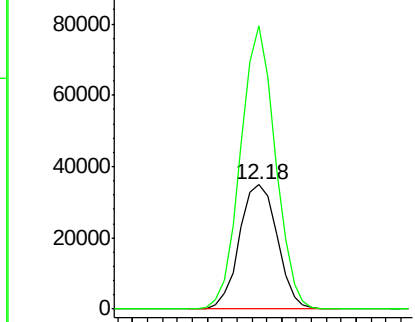
#69
o-Xylene
Concen: 9.485 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 61351
Ion Ratio Lower Upper
106 100
91 208.9 101.8 305.4

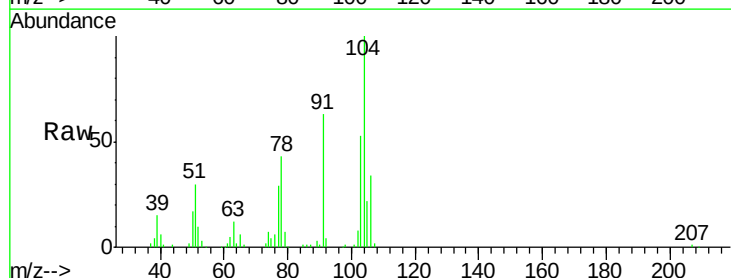


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

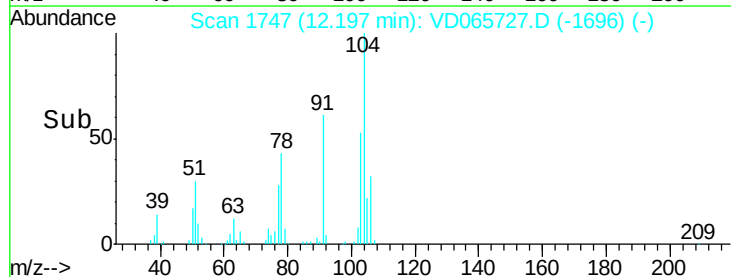
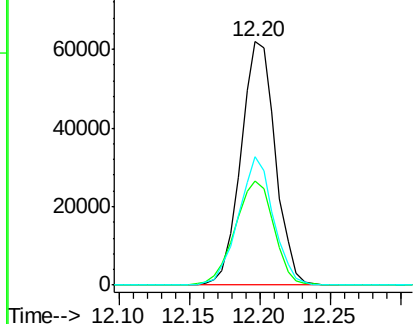


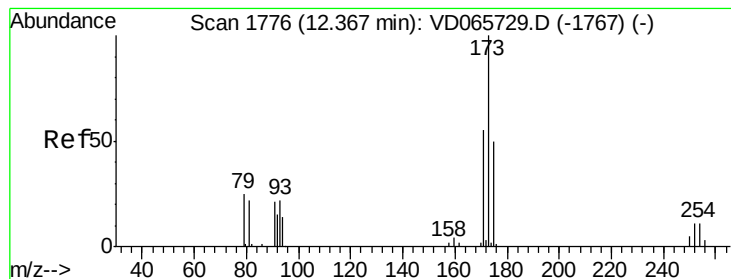
#70
Styrene
Concen: 9.545 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion:104 Resp: 105914
Ion Ratio Lower Upper
104 100
78 47.7 39.0 58.6
103 53.5 44.0 66.0



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





#71

Bromoform

Concen: 9.279 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

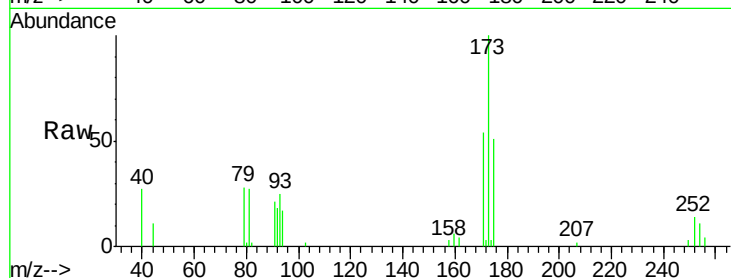
Tot Ion:173 Resp: 19439

Ion Ratio Lower Upper

173 100

175 50.0 24.6 73.6

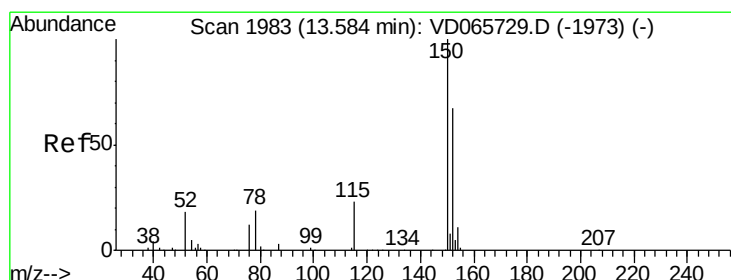
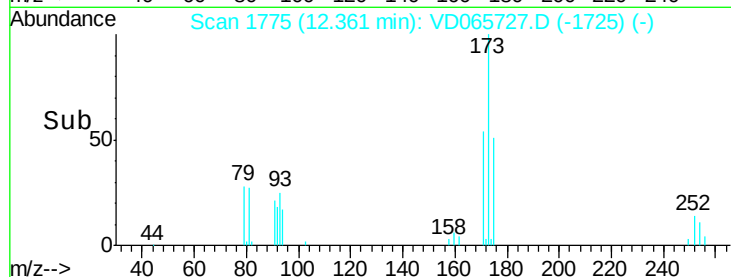
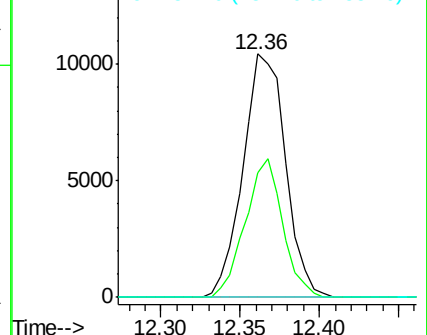
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

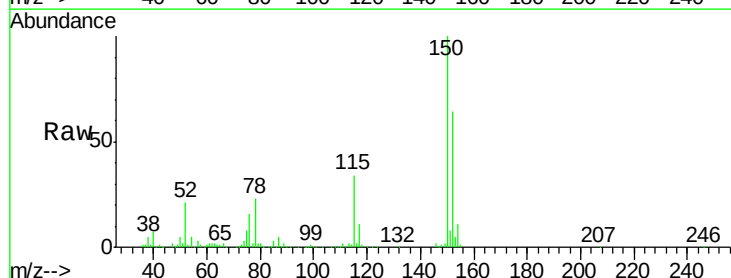
Tgt Ion:152 Resp: 249575

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.3

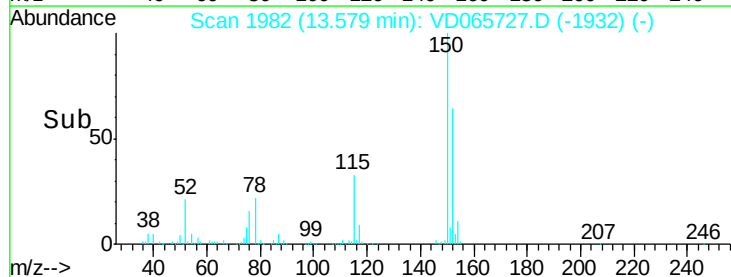
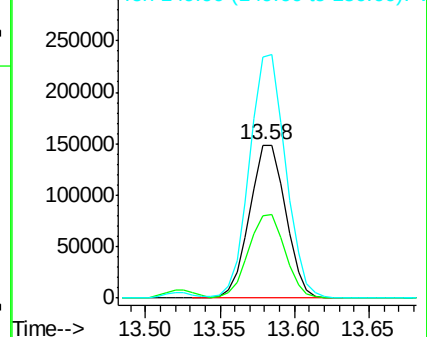
150 158.5 0.0 343.2

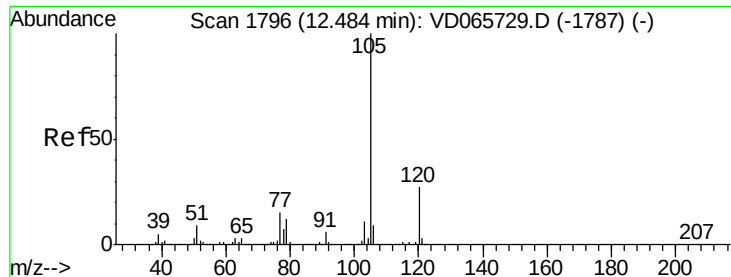


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.183 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

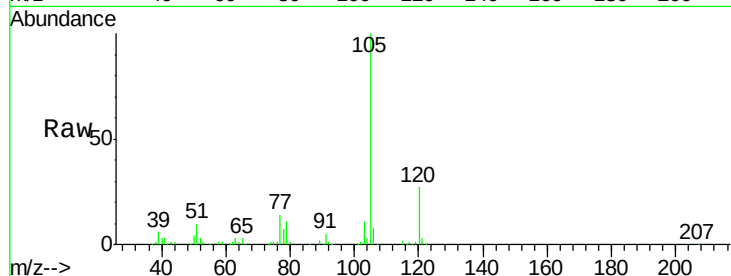
VSTDIC010

Tot Ion:105 Resp: 169890

Ion Ratio Lower Upper

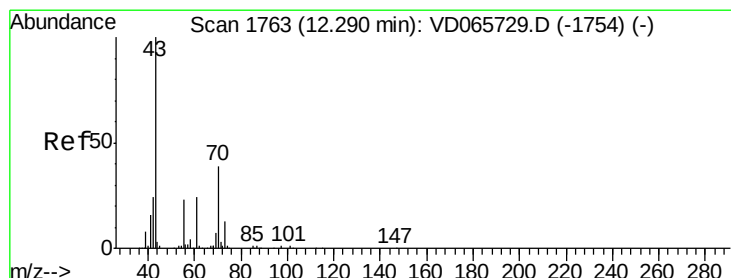
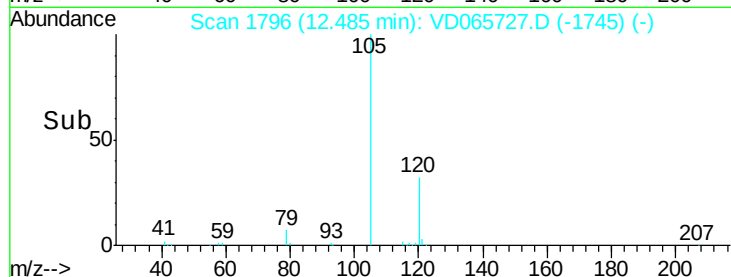
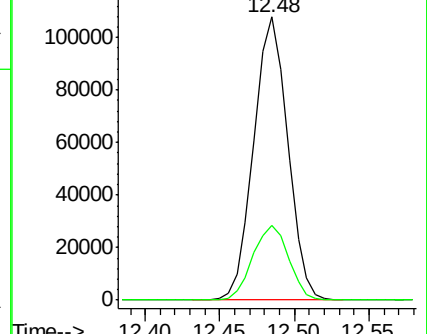
105 100

120 28.0 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 7.646 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Tgt Ion: 43 Resp: 39282

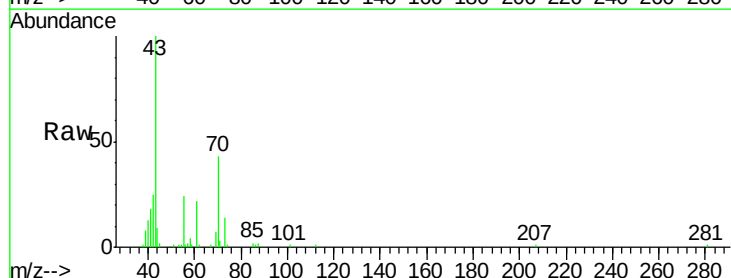
Ion Ratio Lower Upper

43 100

70 41.1 31.8 47.6

55 22.5 17.9 26.9

61 22.9 19.0 28.6

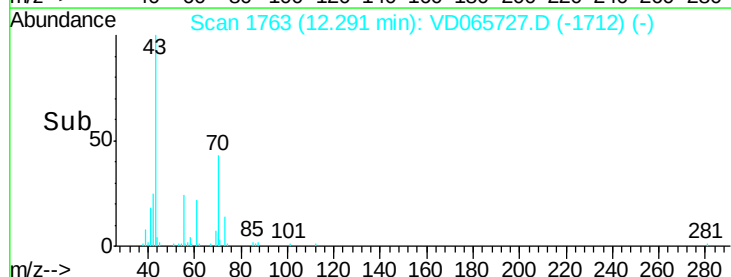
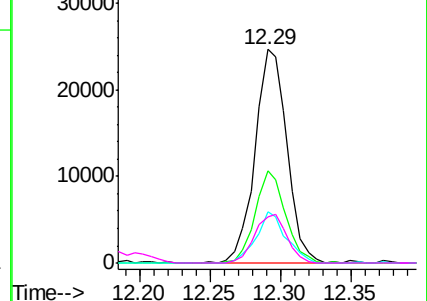


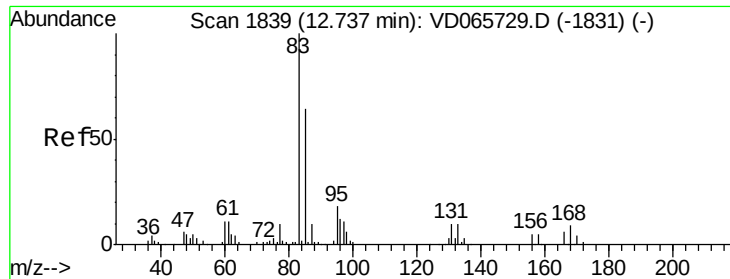
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 8.698 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

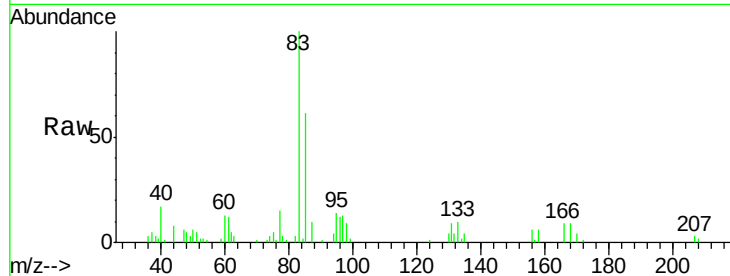
Tot Ion: 83 Resp: 26768

Ion Ratio Lower Upper

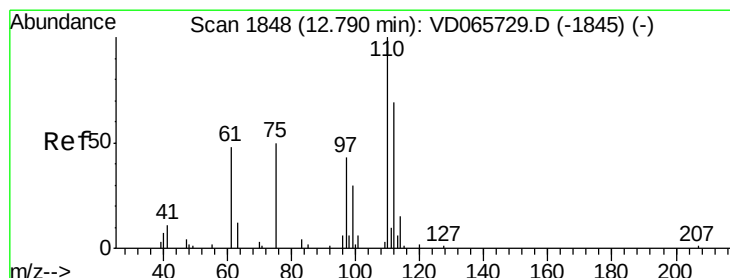
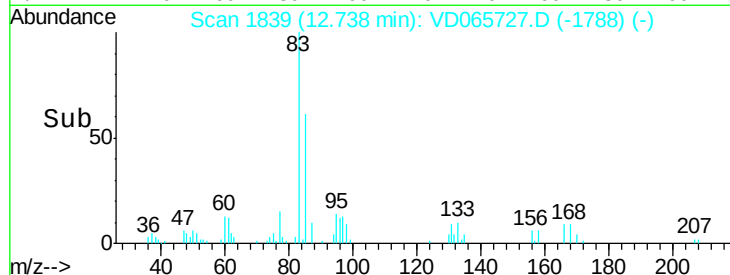
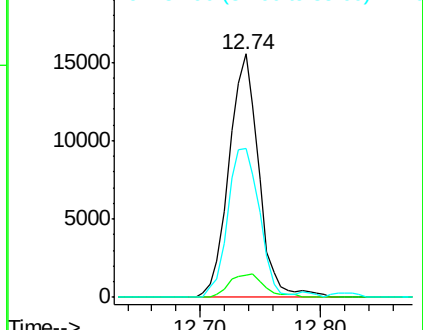
83 100

131 11.3 5.9 17.6

85 64.8 32.5 97.4



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: 8.405 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065727.D

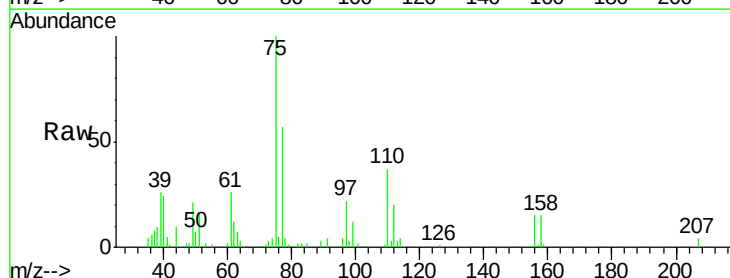
Acq: 13 May 2020 12:27

Tgt Ion: 75 Resp: 17403

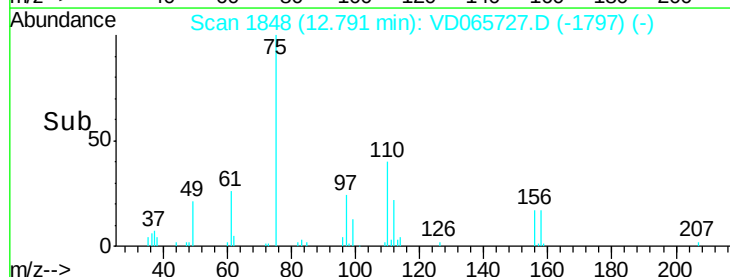
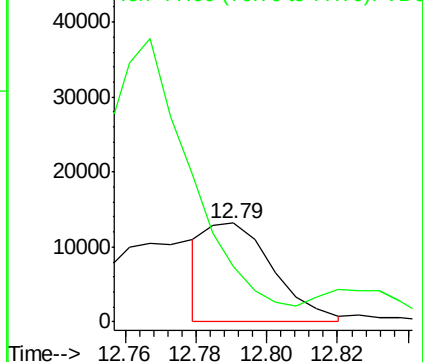
Ion Ratio Lower Upper

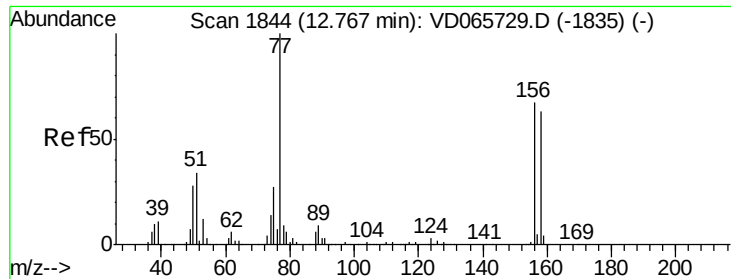
75 100

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

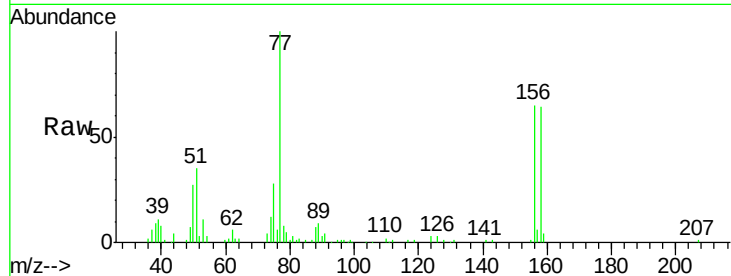




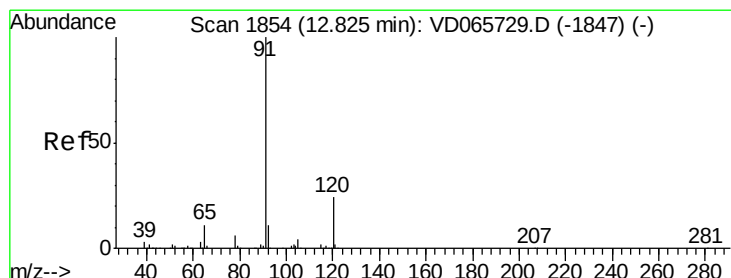
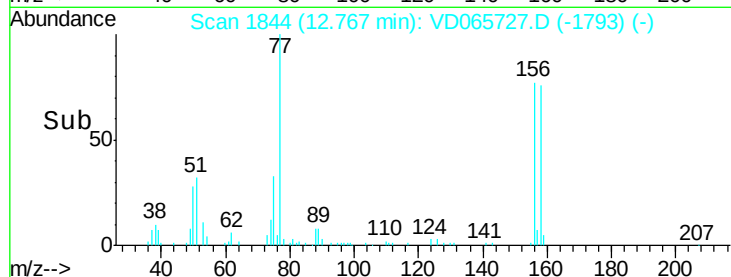
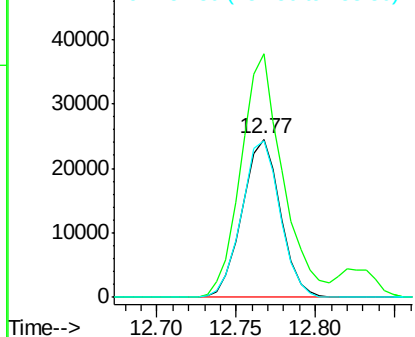
#77
Bromobenzene
Concen: 9.593 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:156 Resp: 41018
Ion Ratio Lower Upper
156 100
77 169.0 84.9 254.6
158 99.4 48.8 146.4

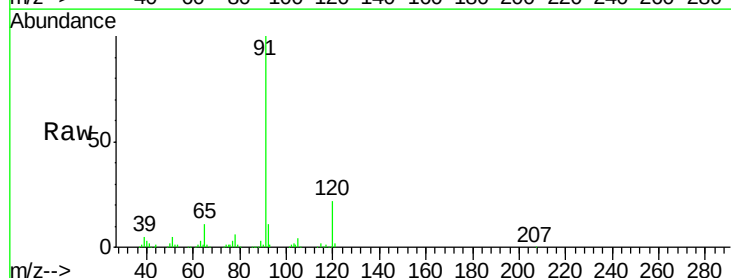


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

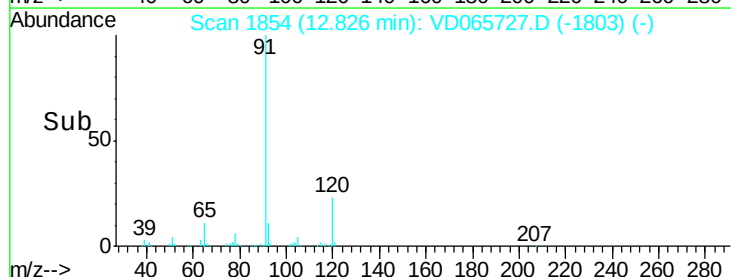
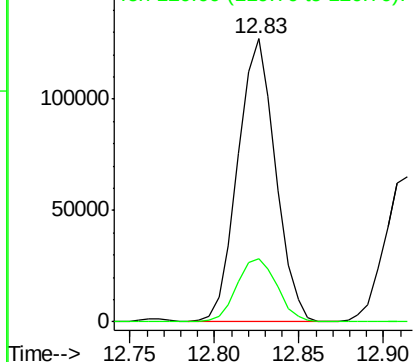


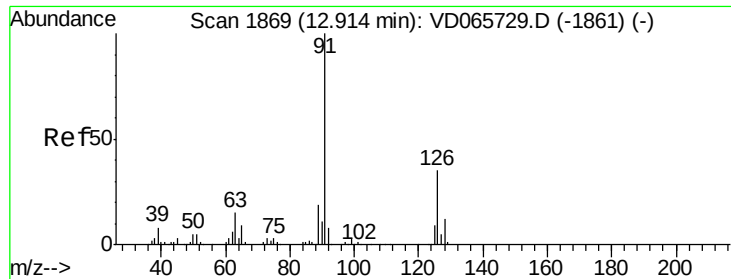
#78
n-propylbenzene
Concen: 9.082 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion: 91 Resp: 197269
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V

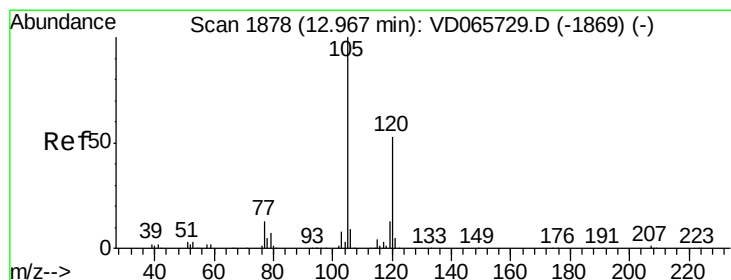
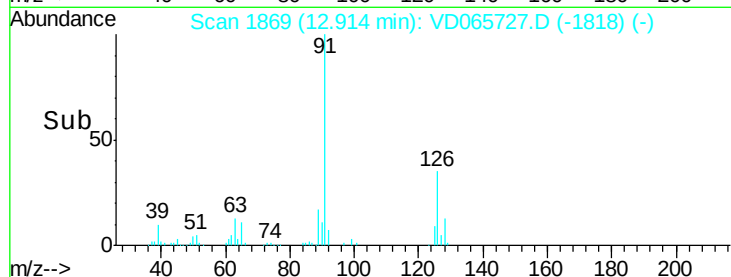
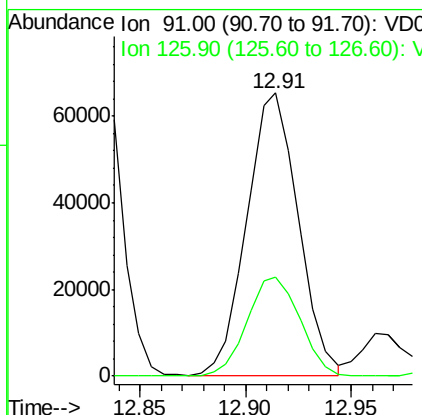
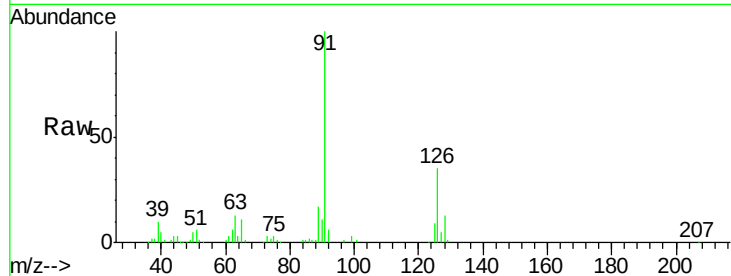




#79
2-Chlorotoluene
Concen: 9.009 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

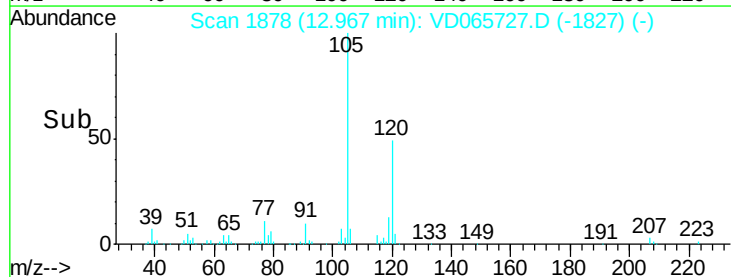
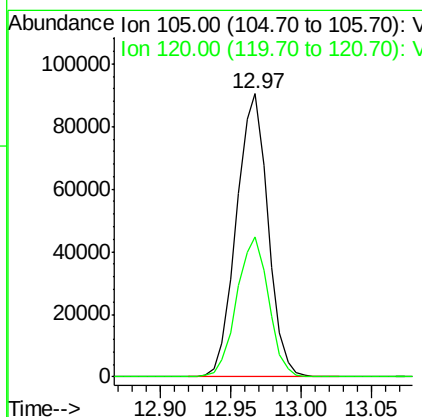
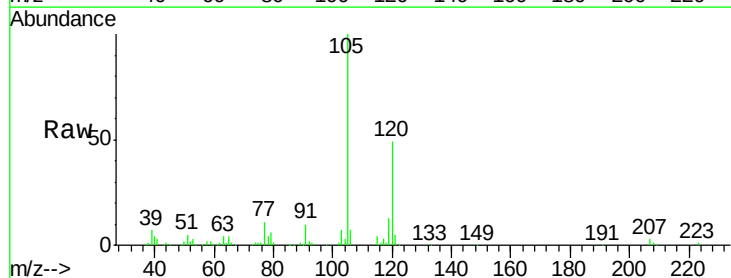
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

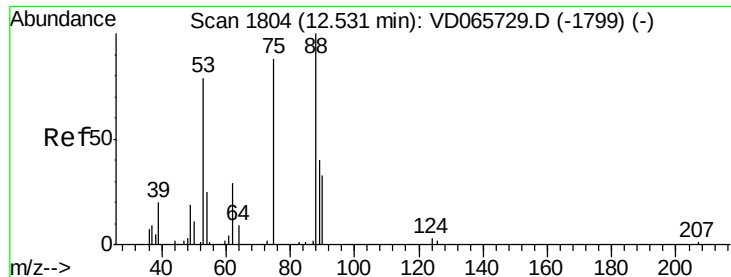
Tot Ion: 91 Resp: 110418
Ion Ratio Lower Upper
91 100
126 36.0 18.1 54.1



#80
1,3,5-Trimethylbenzene
Concen: 9.323 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion:105 Resp: 141282
Ion Ratio Lower Upper
105 100
120 49.9 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 8.332 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

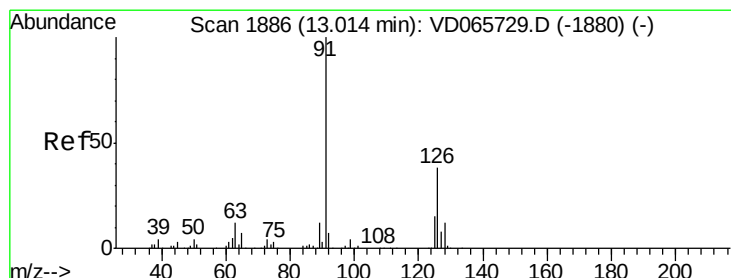
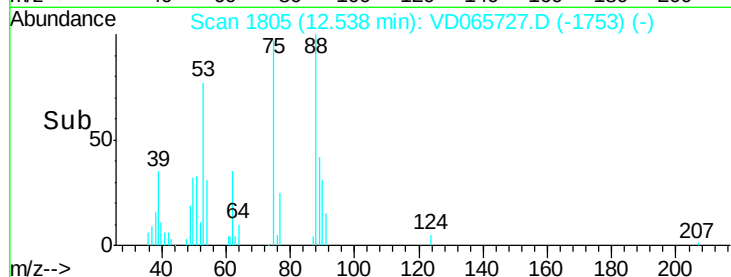
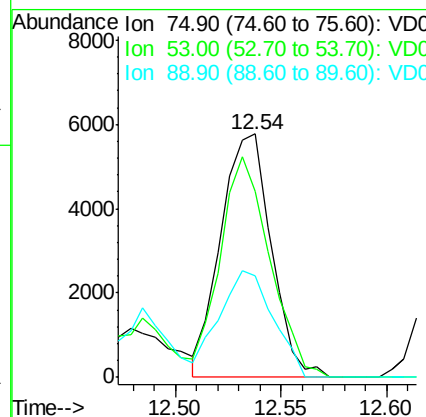
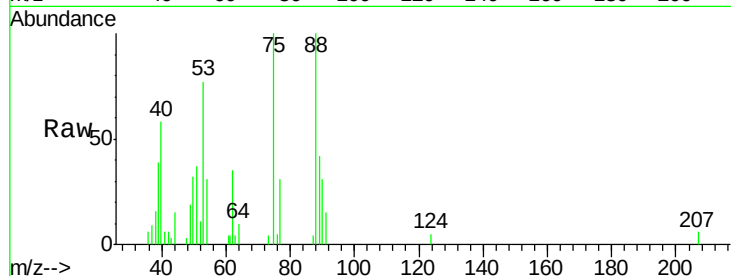
Tot Ion: 75 Resp: 9580

Ion Ratio Lower Upper

75 100

53 89.1 72.6 109.0

89 46.5 37.0 55.4



#82

4-Chlorotoluene

Concen: 9.092 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD065727.D

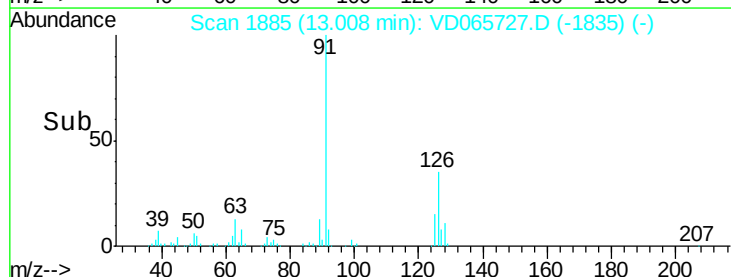
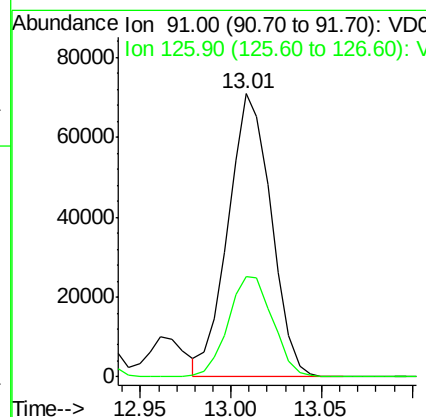
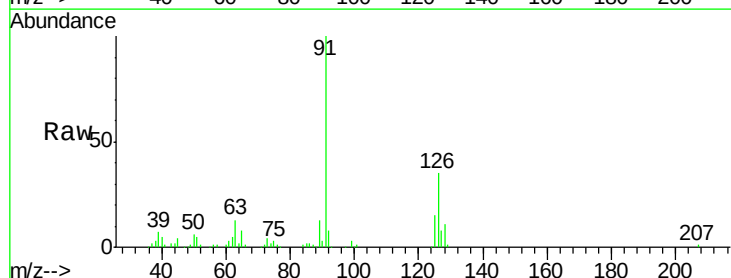
Acq: 13 May 2020 12:27

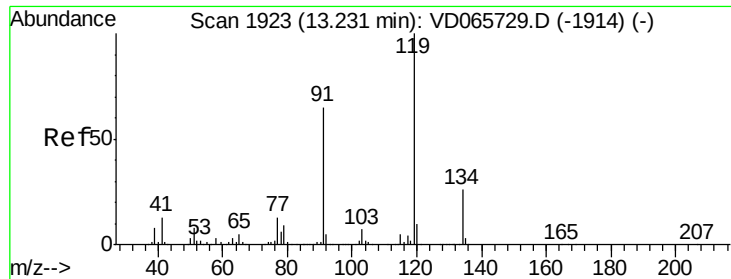
Tgt Ion: 91 Resp: 116777

Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.3

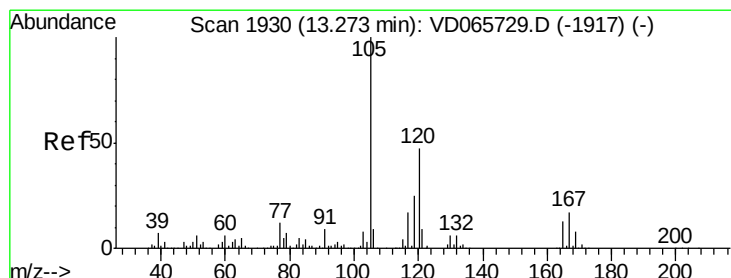
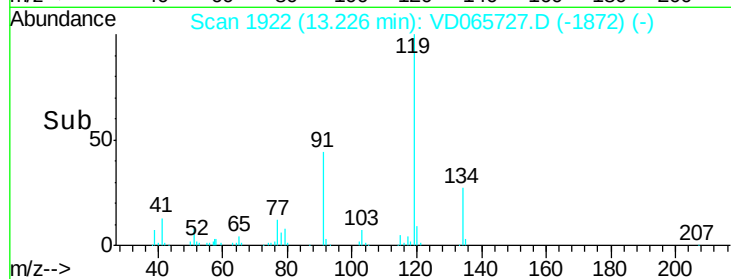
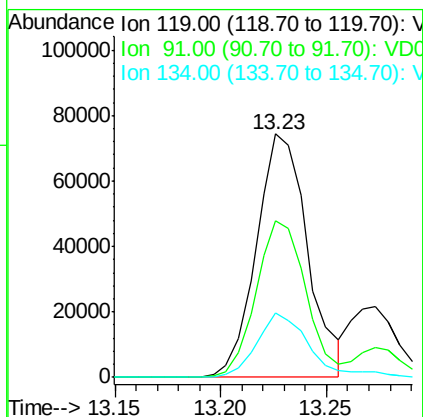
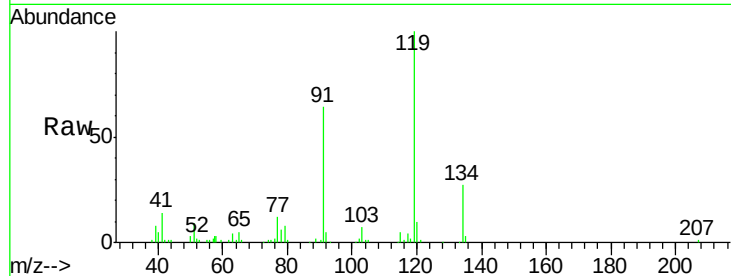




#83
tert-Butylbenzene
Concen: 9.669 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

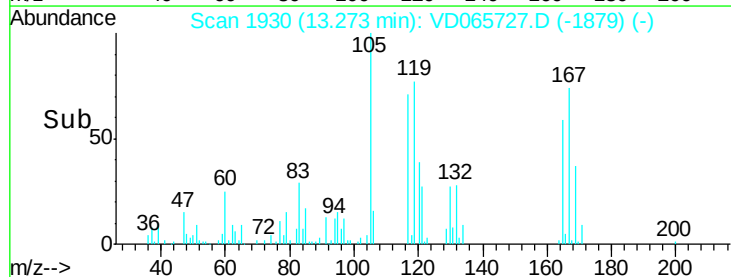
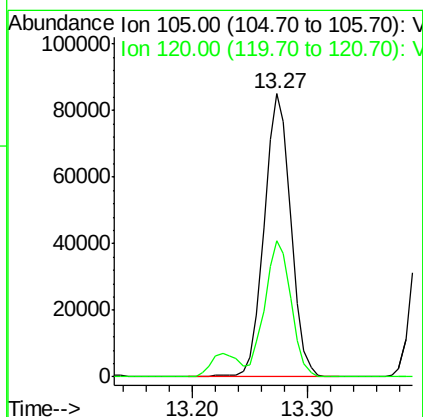
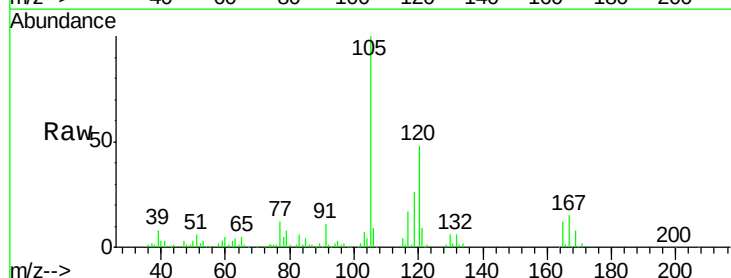
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

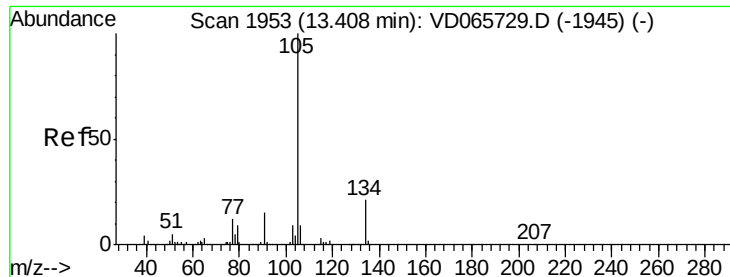
Tot Ion:119 Resp: 125620
Ion Ratio Lower Upper
119 100
91 62.6 31.6 95.0
134 27.3 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 9.039 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion:105 Resp: 136646
Ion Ratio Lower Upper
105 100
120 47.6 23.6 70.8





#85

sec-Butylbenzene

Concen: 9.568 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

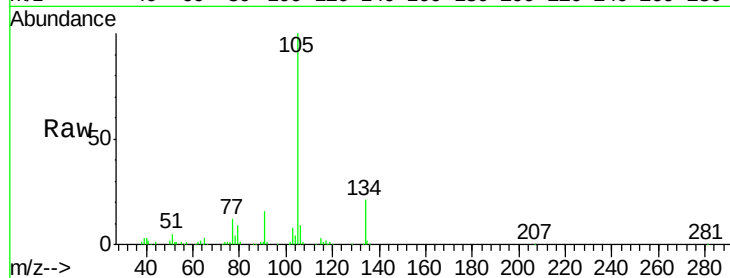
VSTDIC010

Tot Ion:105 Resp: 173094

Ion Ratio Lower Upper

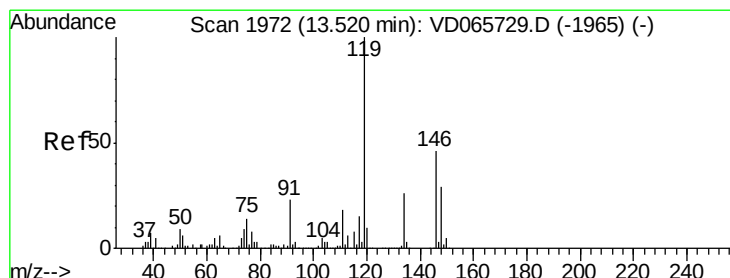
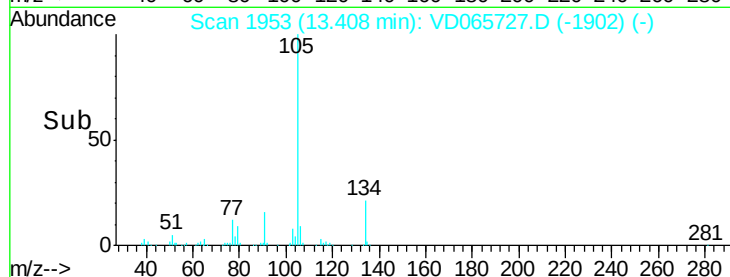
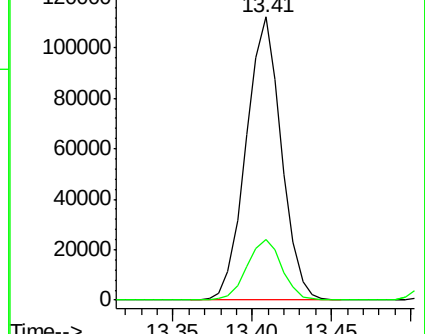
105 100

134 21.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.469 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065727.D

Acq: 13 May 2020 12:27

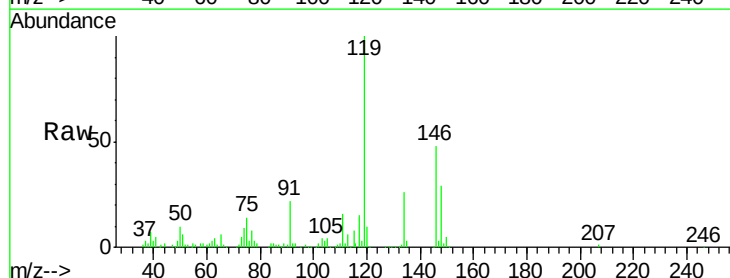
Tgt Ion:119 Resp: 156627

Ion Ratio Lower Upper

119 100

134 27.9 13.6 40.7

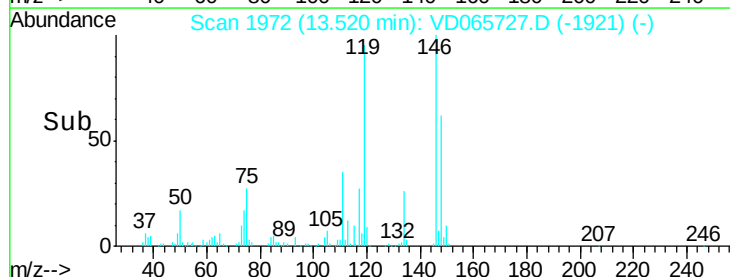
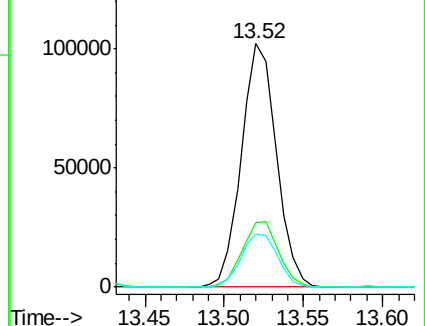
91 22.8 11.7 35.1

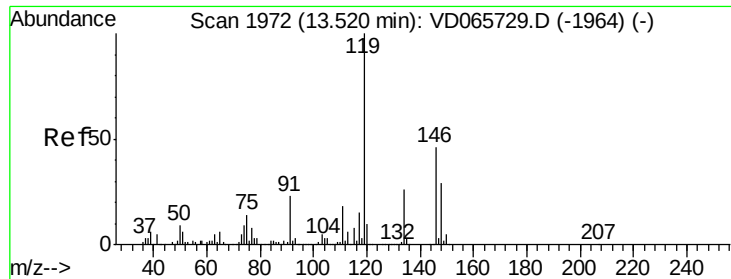


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

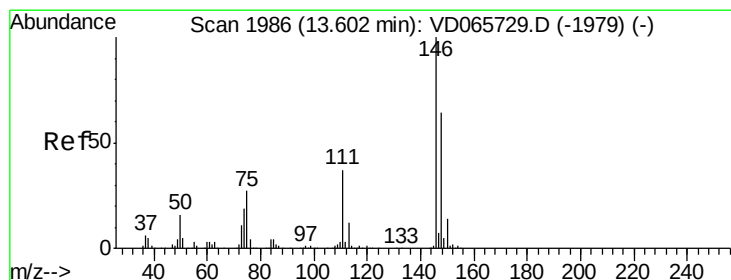
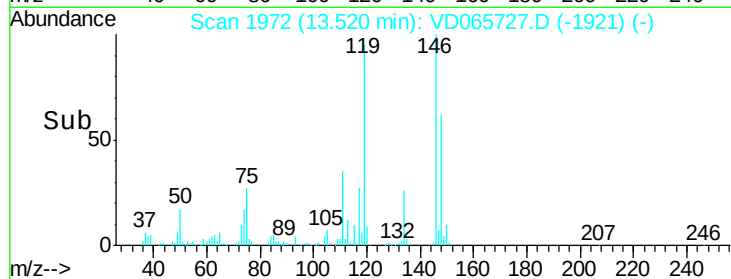
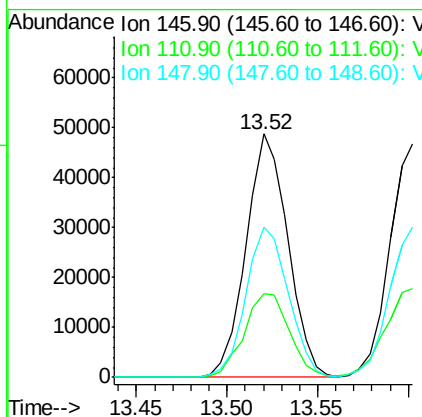
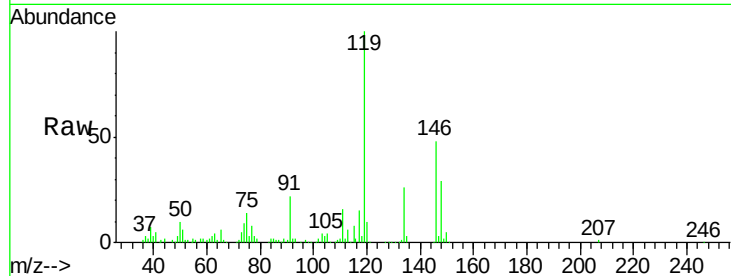




#87
 1,3-Dichlorobenzene
 Concen: 9.774 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

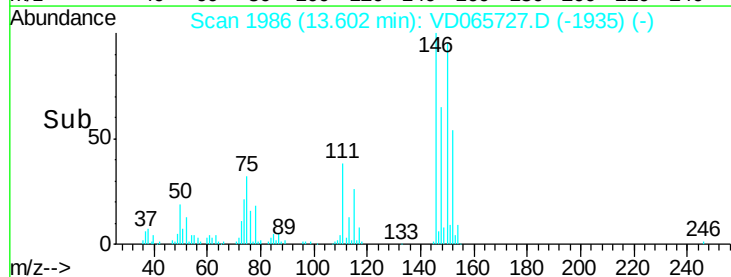
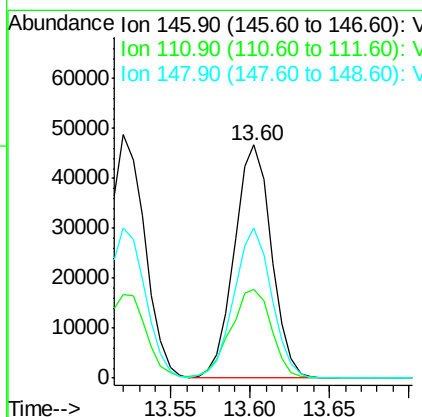
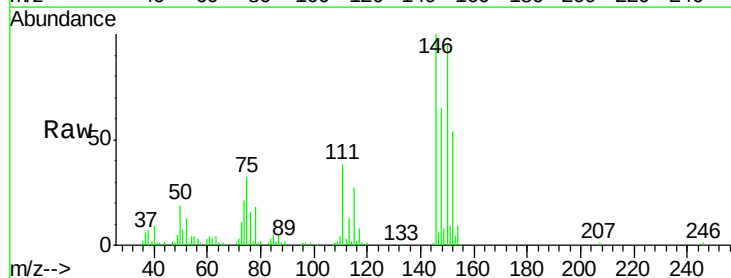
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

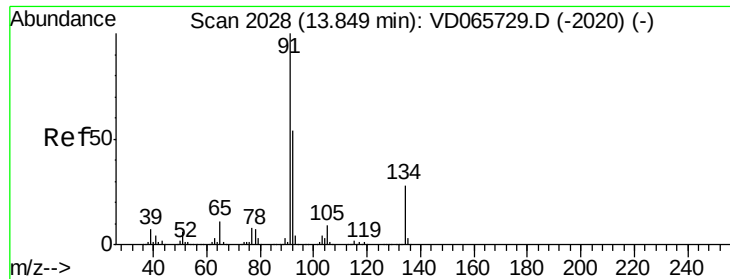
Tot Ion:146 Resp: 78377
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.9 56.9
 148 62.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 9.599 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

Tgt Ion:146 Resp: 76090
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.4 55.2
 148 65.1 31.6 94.7

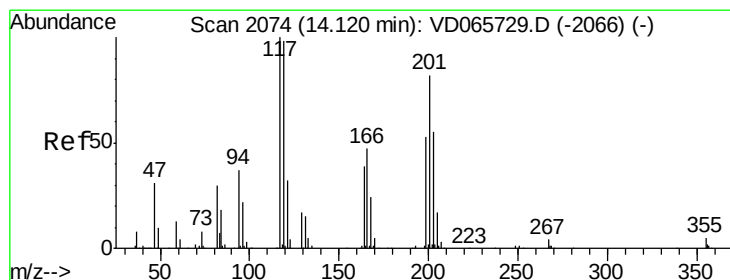
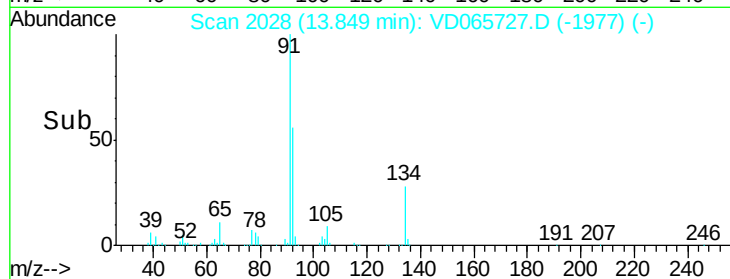
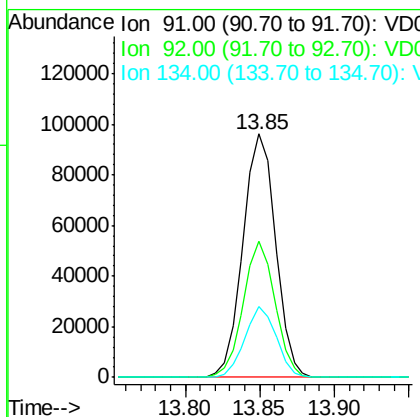
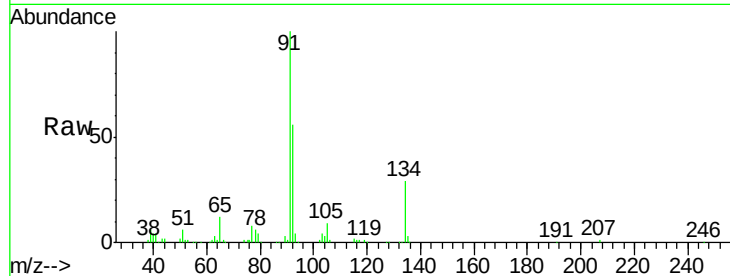




#89
n-Butylbenzene
Concen: 9.141 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

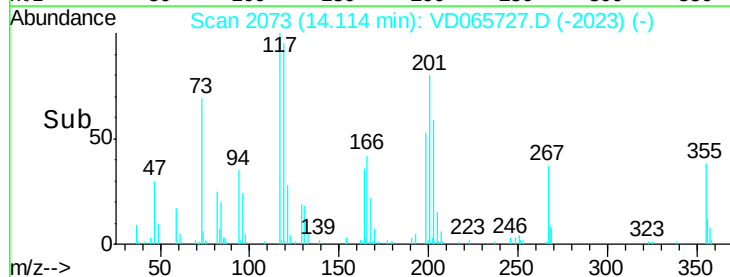
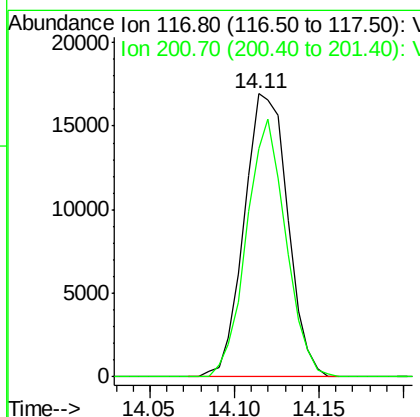
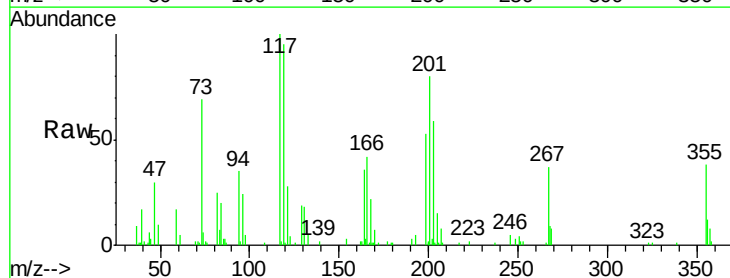
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

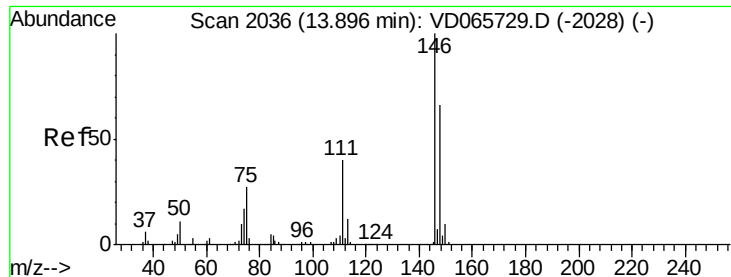
Tot Ion: 91 Resp: 145655
Ion Ratio Lower Upper
91 100
92 54.4 27.0 81.0
134 28.1 13.9 41.7



#90
Hexachloroethane
Concen: 9.245 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion: 117 Resp: 30362
Ion Ratio Lower Upper
117 100
201 82.5 41.8 125.4

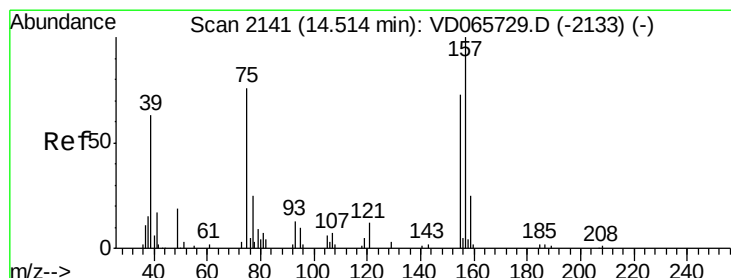
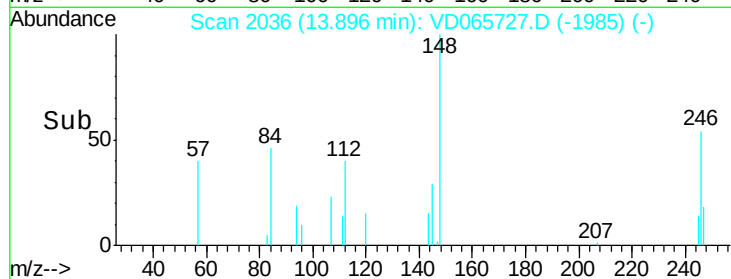
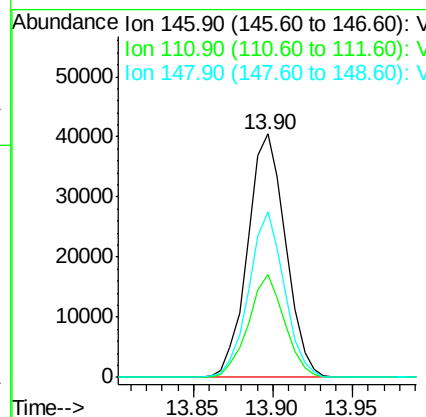
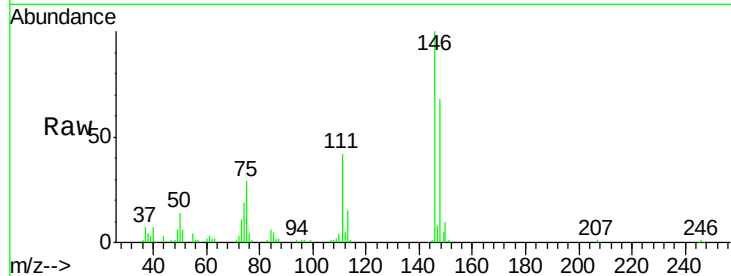




#91
 1,2-Dichlorobenzene
 Concen: 9.740 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

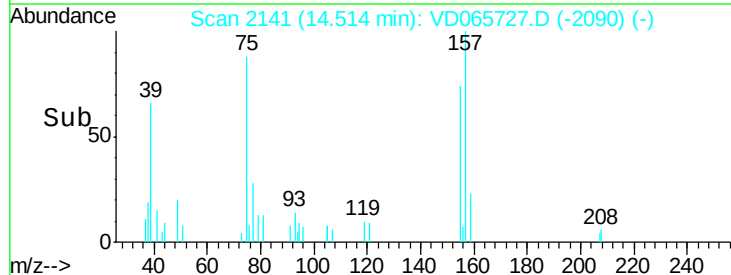
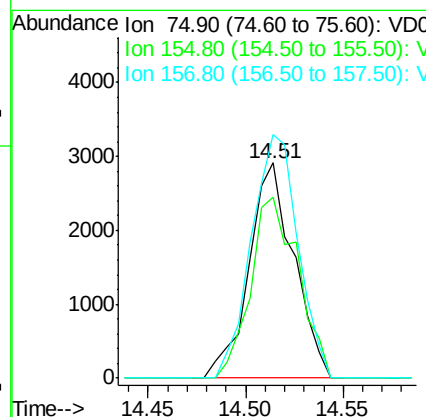
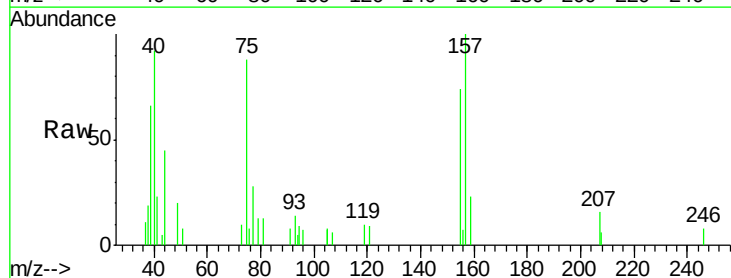
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

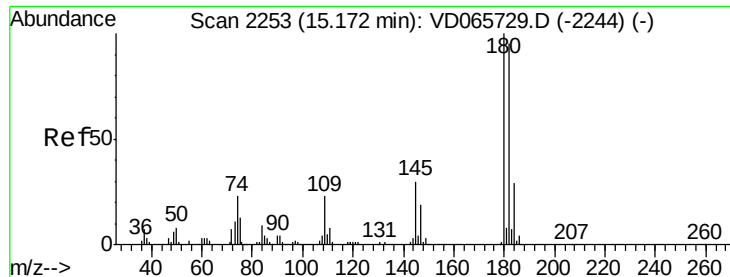
Tot Ion:146 Resp: 67368
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 60.0
 148 63.7 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.025 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

Tgt Ion: 75 Resp: 4623
 Ion Ratio Lower Upper
 75 100
 155 89.0 48.4 145.0
 157 118.0 62.6 187.8

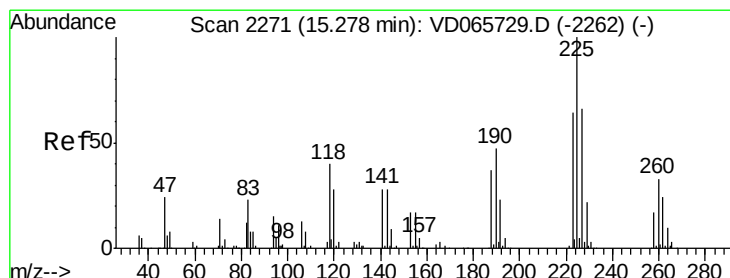
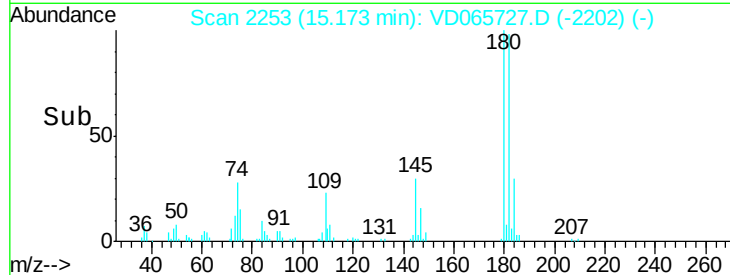
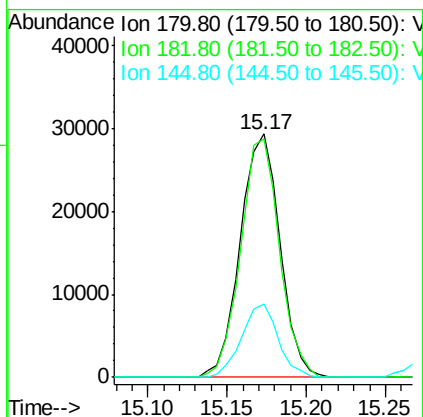
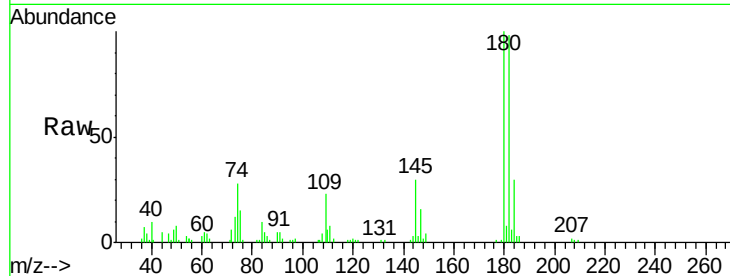




#93
 1,2,4-Trichlorobenzene
 Concen: 9.829 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

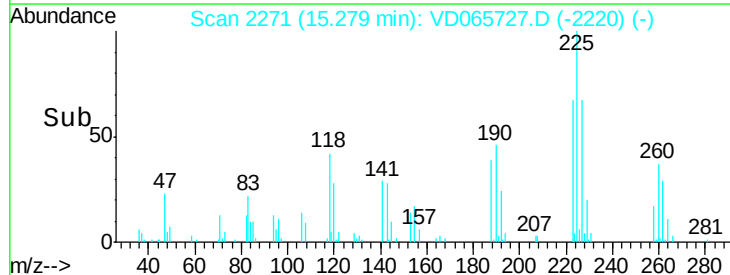
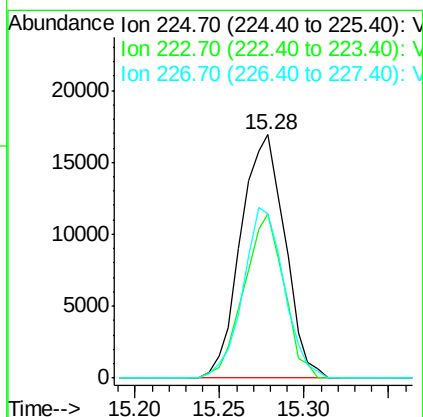
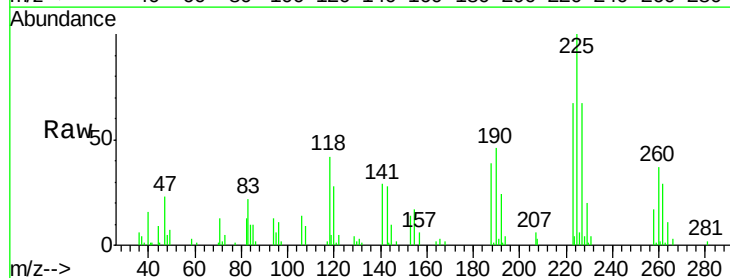
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

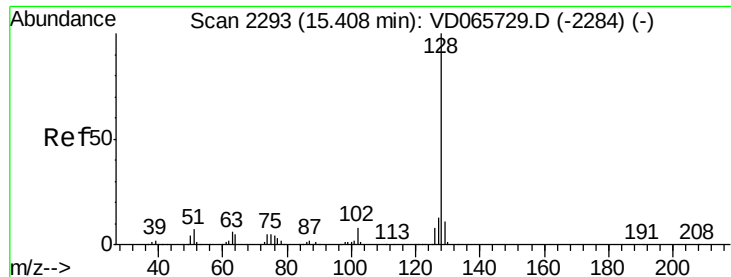
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.0	141.0
145	28.0	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 10.152 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065727.D
 Acq: 13 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.4	94.2
227	65.2	32.2	96.6

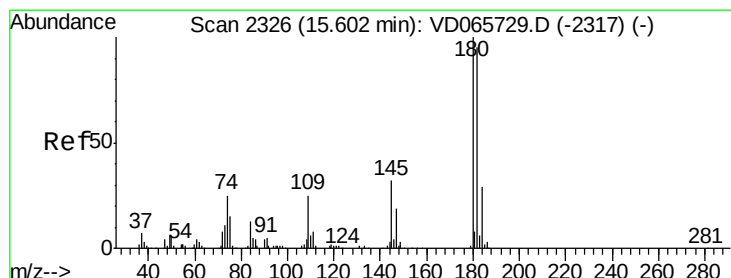
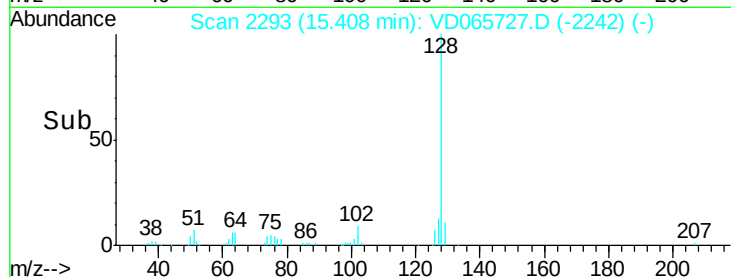
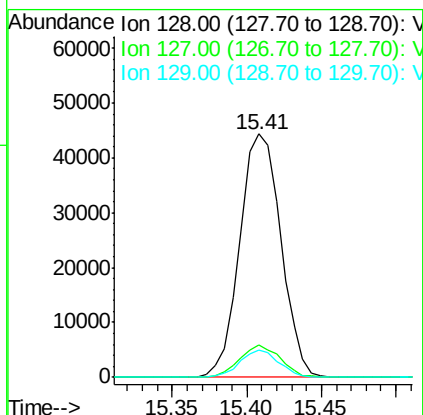
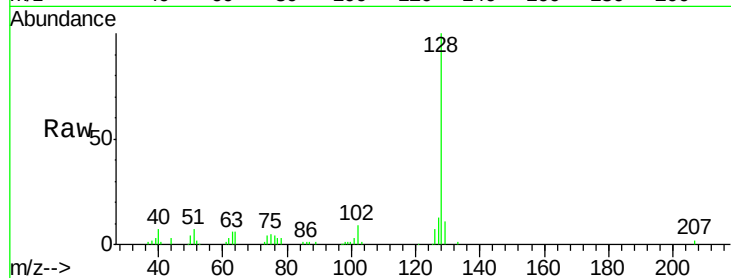




#95
Naphthalene
Concen: 9.367 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:128 Resp: 84758
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 9.992 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065727.D
Acq: 13 May 2020 12:27

Tgt Ion:180 Resp: 44095
Ion Ratio Lower Upper
180 100
182 93.1 47.5 142.6
145 29.9 15.9 47.6

