

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065767.D
 Acq On : 05 Jun 2020 10:30
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 05 12:44:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 12:42:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	213005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	338915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	304410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	11009	5.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.32%	
35) Dibromofluoromethane	7.91	113	11420	5.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.64%	
50) Toluene-d8	10.34	98	39245	5.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.04%	
62) 4-Bromofluorobenzene	12.64	95	13166	4.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	9071	5.22	ug/l	95
3) Chloromethane	2.21	50	15183	5.15	ug/l	94
4) Vinyl Chloride	2.35	62	16970	5.04	ug/l	91
5) Bromomethane	2.77	94	12283	5.21	ug/l	96
6) Chloroethane	2.93	64	11428	5.03	ug/l	90
7) Trichlorofluoromethane	3.27	101	19069	5.04	ug/l	85
8) Diethyl Ether	3.71	74	4845	5.05	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	11865	5.28	ug/l #	84
10) Methyl Iodide	4.30	142	8599	4.38	ug/l	99
11) Tert butyl alcohol	5.20	59	6489	37.56	ug/l #	79
12) 1,1-Dichloroethene	4.07	96	10455	5.18	ug/l	92
13) Acrolein	3.91	56	3394	26.76	ug/l	95
14) Allyl chloride	4.71	41	16176	4.94	ug/l	94
15) Acrylonitrile	5.42	53	10923	25.16	ug/l #	89
16) Acetone	4.16	43	11236	27.82	ug/l	95
17) Carbon Disulfide	4.41	76	33962	4.99	ug/l	100
18) Methyl Acetate	4.73	43	7799	7.02	ug/l #	86
19) Methyl tert-butyl Ether	5.48	73	22132	4.98	ug/l	95
20) Methylene Chloride	4.96	84	16587	6.27	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	11595	4.97	ug/l	95
22) Diisopropyl ether	6.36	45	31457	4.78	ug/l	92
23) Vinyl Acetate	6.31	43	75092	20.84	ug/l	95
24) 1,1-Dichloroethane	6.27	63	20851	5.12	ug/l	98
25) 2-Butanone	7.21	43	14579	26.22	ug/l	94
26) 2,2-Dichloropropane	7.20	77	19338	5.34	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	12291	4.95	ug/l	91
28) Bromochloromethane	7.54	49	7979	5.19	ug/l #	97
29) Tetrahydrofuran	7.57	42	8482	24.24	ug/l	96
30) Chloroform	7.71	83	21958	5.21	ug/l	95
31) Cyclohexane	7.98	56	22445	5.60	ug/l #	83
32) 1,1,1-Trichloroethane	7.90	97	20059	5.17	ug/l	98
36) 1,1-Dichloropropene	8.11	75	17033	5.11	ug/l	98
37) Ethyl Acetate	7.28	43	7147	5.52	ug/l #	96
38) Carbon Tetrachloride	8.10	117	17153	4.91	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065767.D
 Acq On : 05 Jun 2020 10:30
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 05 12:44:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 12:42:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	19037	4.92	ug/l	94
40) Benzene	8.35	78	44101	4.90	ug/l	99
41) Methacrylonitrile	7.53	41	3656	4.52	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	14264	5.18	ug/l	100
43) Isopropyl Acetate	8.46	43	12682	4.99	ug/l	98
44) Trichloroethene	9.11	130	12566	5.02	ug/l	100
45) 1,2-Dichloropropane	9.39	63	11253	4.94	ug/l	97
46) Dibromomethane	9.47	93	6100	4.97	ug/l	97
47) Bromodichloromethane	9.66	83	17164	5.19	ug/l	100
48) Methyl methacrylate	9.46	41	5510	4.43	ug/l #	84
49) 1,4-Dioxane	9.46	88	1150	89.14	ug/l #	65
51) 4-Methyl-2-Pentanone	10.23	43	29929	24.15	ug/l	93
52) Toluene	10.41	92	27848	4.83	ug/l	95
53) t-1,3-Dichloropropene	10.63	75	13797	4.74	ug/l	91
54) cis-1,3-Dichloropropene	10.09	75	15512	4.49	ug/l #	82
55) 1,1,2-Trichloroethane	10.81	97	7786	4.78	ug/l	99
56) Ethyl methacrylate	10.67	69	8556	4.63	ug/l	94
57) 1,3-Dichloropropane	10.95	76	14242	5.04	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.94	63	20679	23.87	ug/l	97
59) 2-Hexanone	10.98	43	19155	23.19	ug/l	100
60) Dibromochloromethane	11.15	129	10630	4.85	ug/l	100
61) 1,2-Dibromoethane	11.26	107	7694	4.84	ug/l	98
64) Tetrachloroethene	10.87	164	11426	5.42	ug/l	91
65) Chlorobenzene	11.67	112	30808	5.12	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	11081	4.97	ug/l	95
67) Ethyl Benzene	11.75	91	51772	4.86	ug/l	96
68) m/p-Xylenes	11.86	106	38693	9.44	ug/l	98
69) o-Xylene	12.18	106	17285	4.75	ug/l	99
70) Styrene	12.20	104	28893	4.60	ug/l	95
71) Bromoform	12.36	173	6312	5.18	ug/l #	90
73) Isopropylbenzene	12.48	105	48502	4.96	ug/l	100
74) N-amyl acetate	12.29	43	10820	4.99	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	8884	5.23	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	5908	5.20	ug/l #	100
77) Bromobenzene	12.76	156	11075	4.78	ug/l	89
78) n-propylbenzene	12.83	91	58664	4.94	ug/l	100
79) 2-Chlorotoluene	12.91	91	31441	4.83	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	39600	4.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	2520	4.89	ug/l	98
82) 4-Chlorotoluene	13.01	91	35088	4.99	ug/l	99
83) tert-Butylbenzene	13.23	119	34259	4.87	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	39249	4.82	ug/l	98
85) sec-Butylbenzene	13.41	105	47549	4.82	ug/l	99
86) p-Isopropyltoluene	13.52	119	42782	4.78	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	23078	4.99	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	24302	5.27	ug/l	95
89) n-Butylbenzene	13.85	91	42784	4.97	ug/l	97
90) Hexachloroethane	14.11	117	9111	5.01	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	19220	4.84	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1610	5.73	ug/l	77

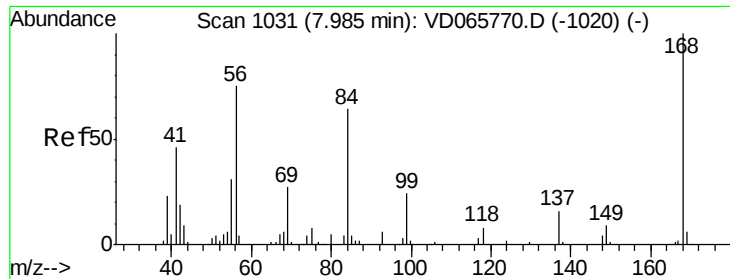
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
Data File : VD065767.D
Acq On : 05 Jun 2020 10:30
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Jun 05 12:44:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 12:42:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	12735	4.84	ug/l	96
94) Hexachlorobutadiene	15.27	225	8416	5.20	ug/l	94
95) Naphthalene	15.41	128	21335	4.86	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	10764	4.76	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

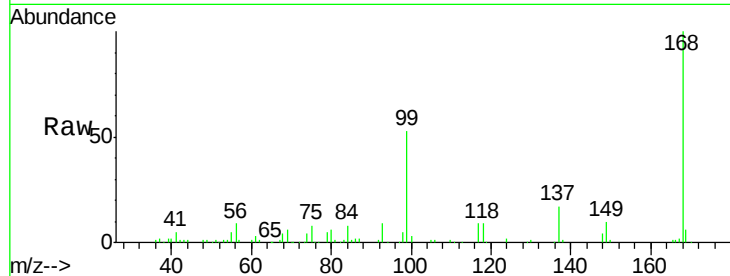
VSTDIC005

Tgt Ion:168 Resp: 213005

Ion Ratio Lower Upper

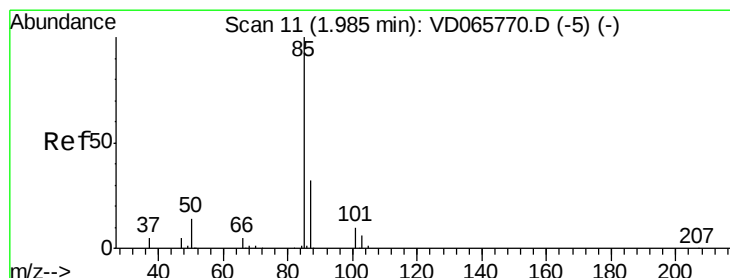
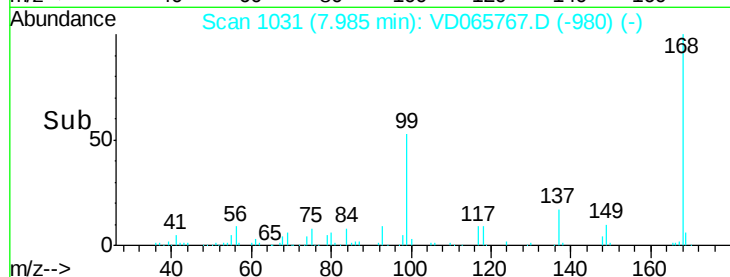
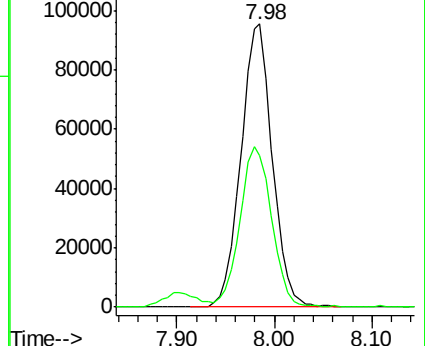
168 100

99 53.2 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 5.22 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065767.D

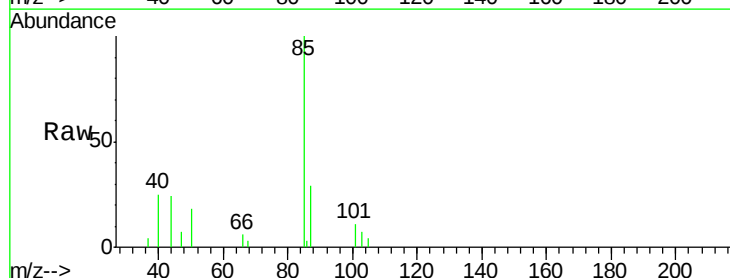
Acq: 05 Jun 2020 10:30

Tgt Ion: 85 Resp: 9071

Ion Ratio Lower Upper

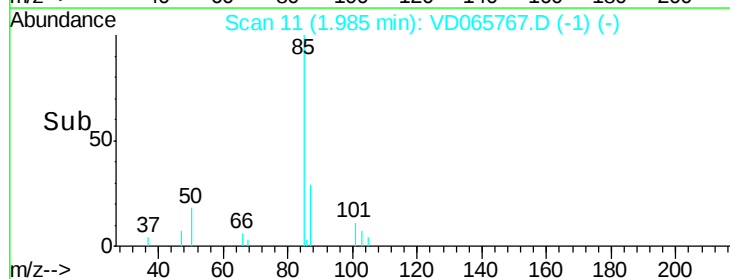
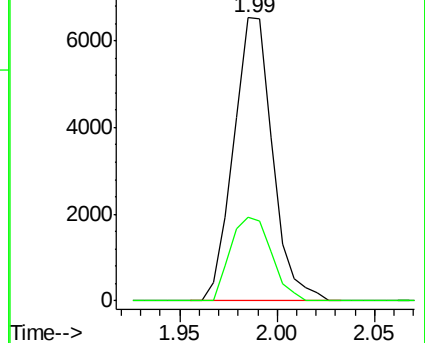
85 100

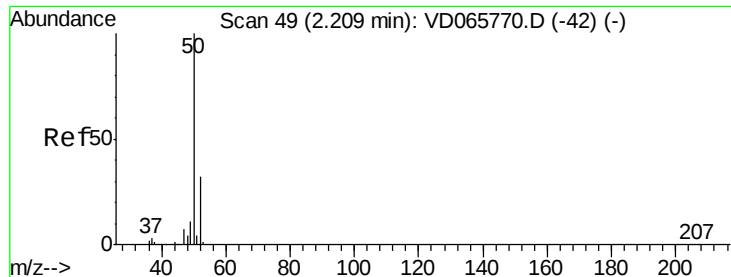
87 29.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 5.15 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

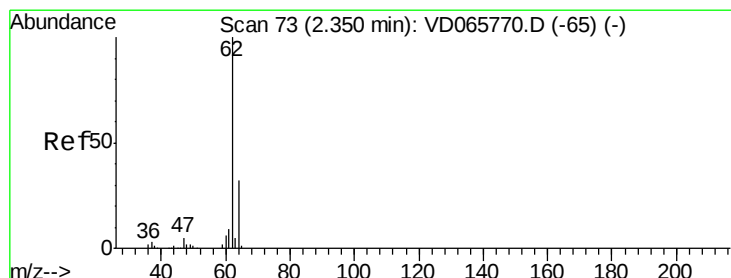
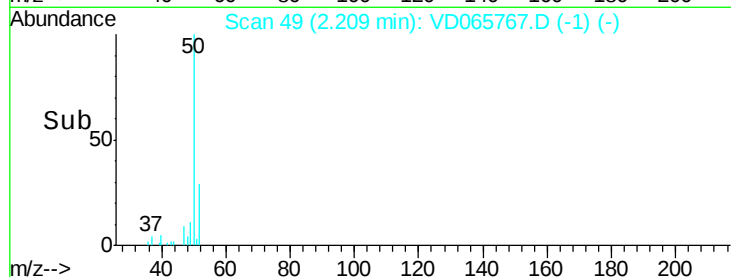
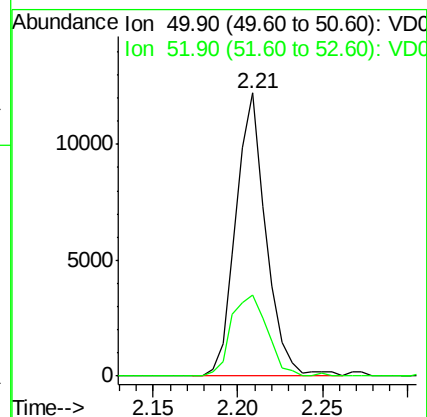
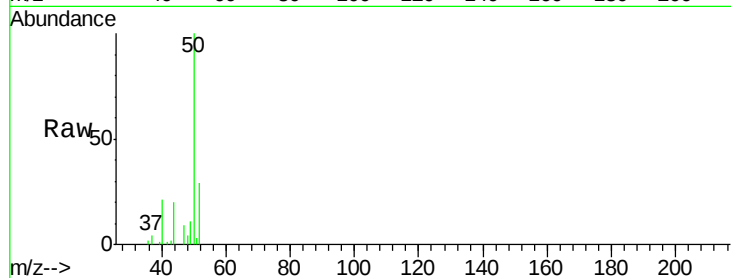
VSTDIC005

Tgt Ion: 50 Resp: 15183

Ion Ratio Lower Upper

50 100

52 28.6 25.6 38.4



#4

Vinyl Chloride

Concen: 5.04 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065767.D

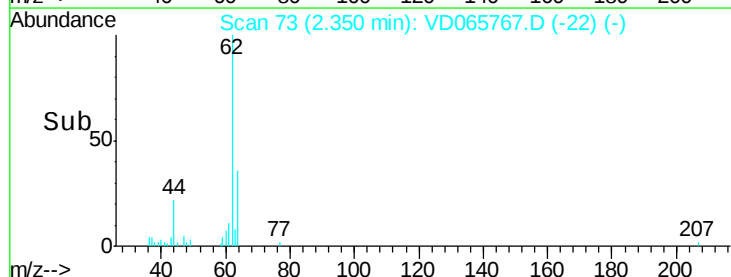
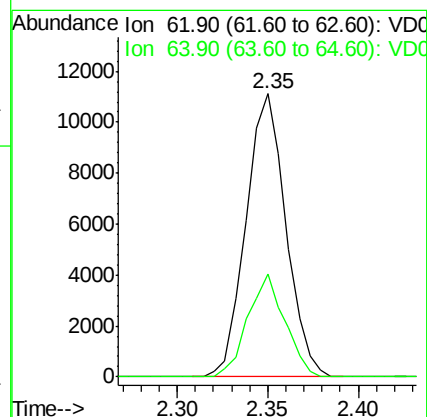
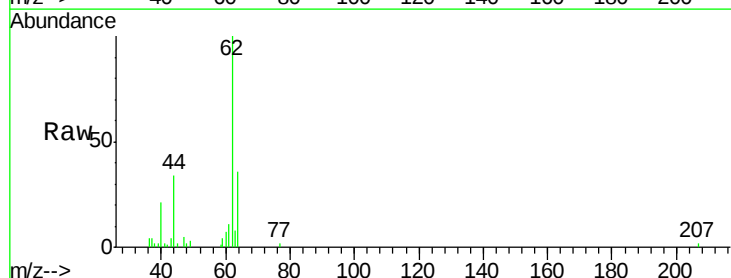
Acq: 05 Jun 2020 10:30

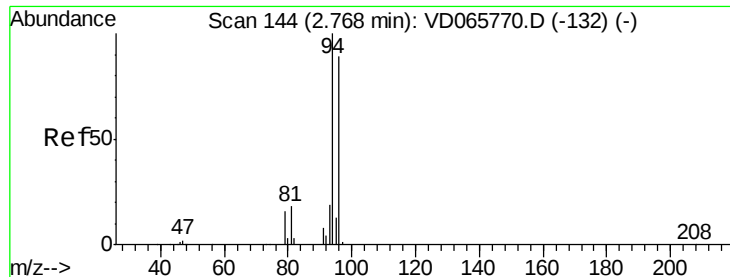
Tgt Ion: 62 Resp: 16970

Ion Ratio Lower Upper

62 100

64 36.4 25.3 37.9





#5

Bromomethane

Concen: 5.21 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

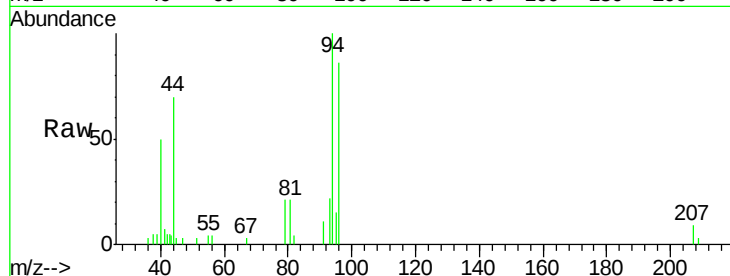
VSTDIC005

Tgt Ion: 94 Resp: 12283

Ion Ratio Lower Upper

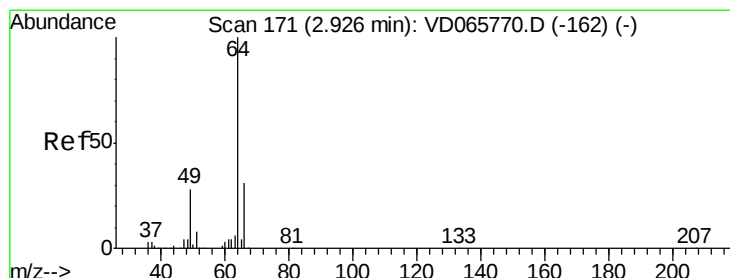
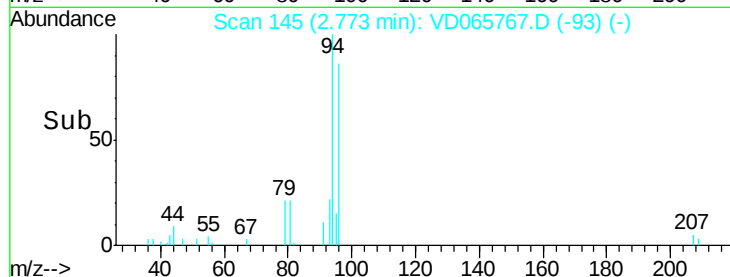
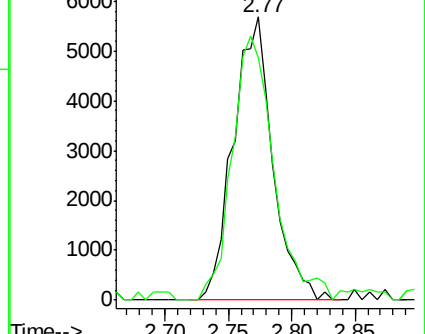
94 100

96 85.7 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 5.03 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065767.D

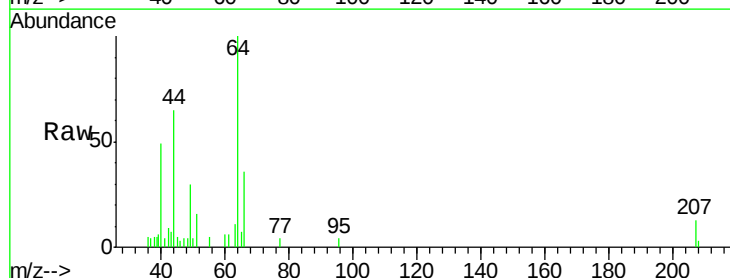
Acq: 05 Jun 2020 10:30

Tgt Ion: 64 Resp: 11428

Ion Ratio Lower Upper

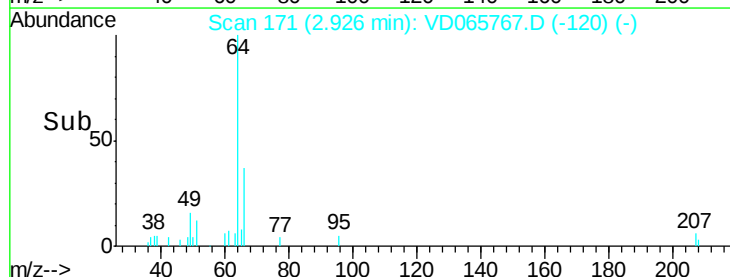
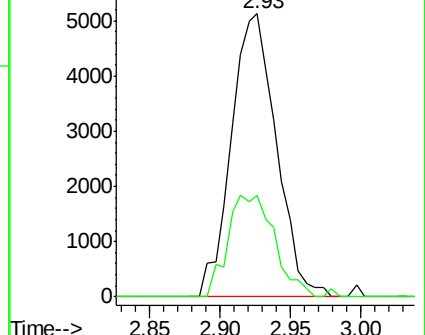
64 100

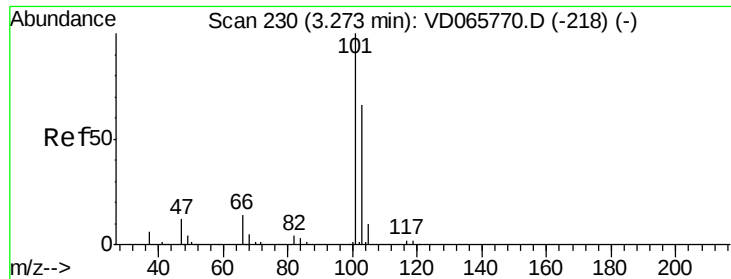
66 35.9 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 5.04 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

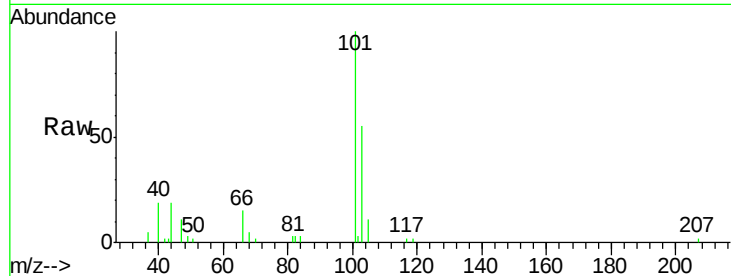
VSTDIC005

Tgt Ion:101 Resp: 19069

Ion Ratio Lower Upper

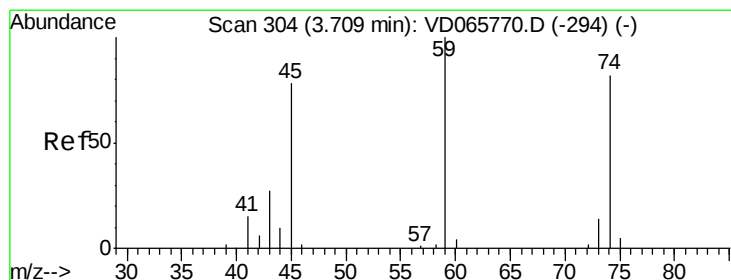
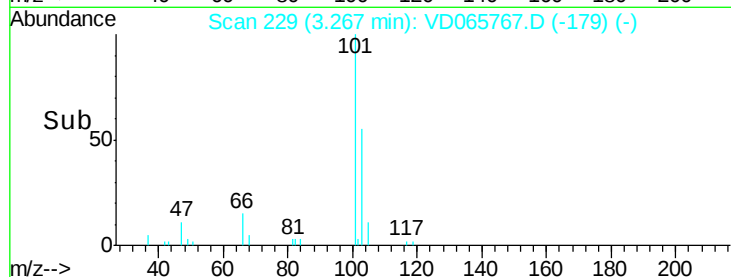
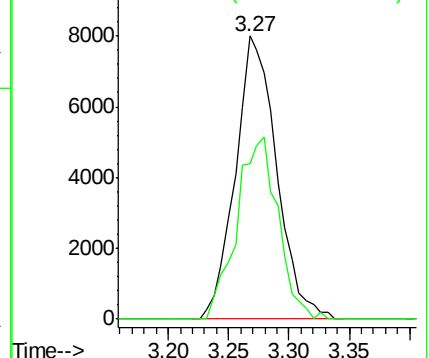
101 100

103 54.7 53.1 79.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.05 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD065767.D

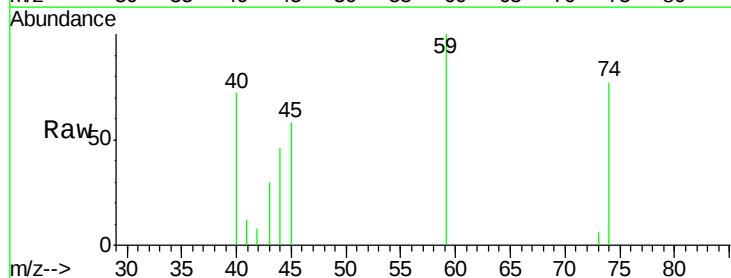
Acq: 05 Jun 2020 10:30

Tgt Ion: 74 Resp: 4845

Ion Ratio Lower Upper

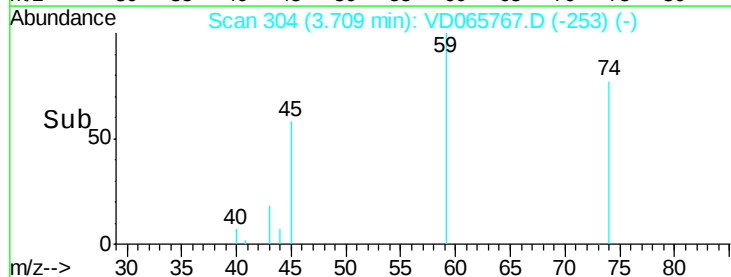
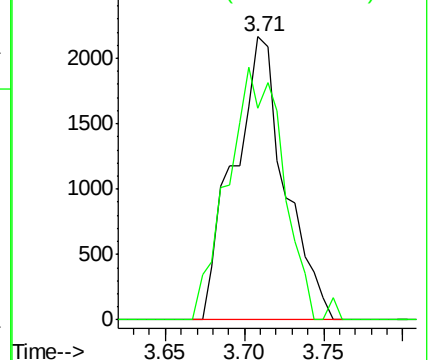
74 100

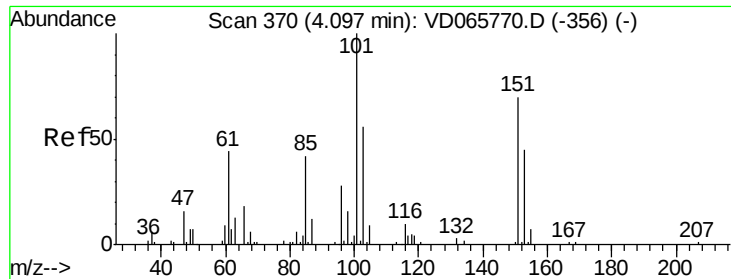
45 95.9 47.9 143.8



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: 5.28 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

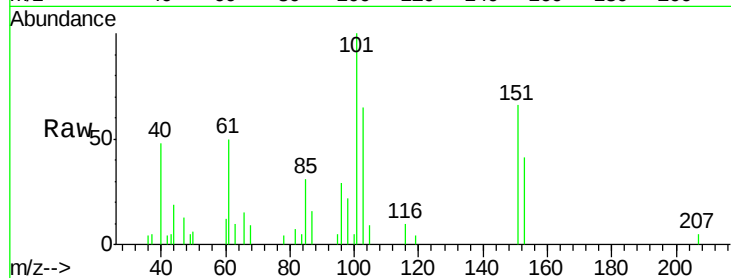
Tgt Ion:101 Resp: 11865

Ion Ratio Lower Upper

101 100

85 23.5 36.5 54.7#

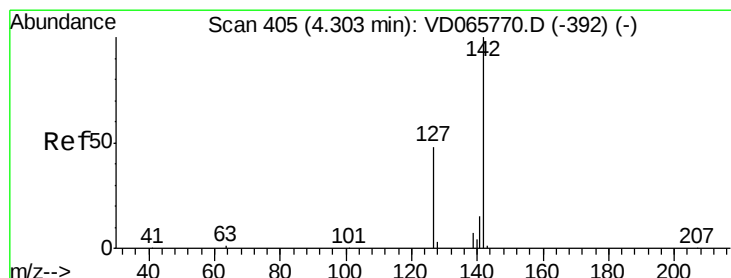
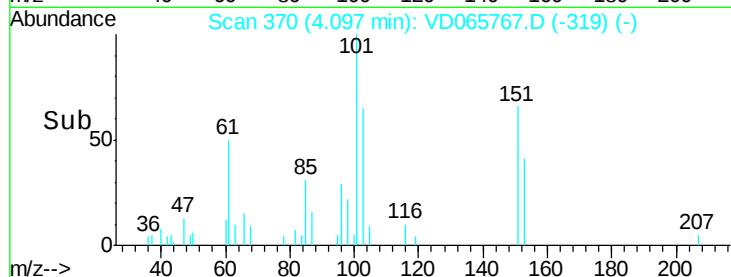
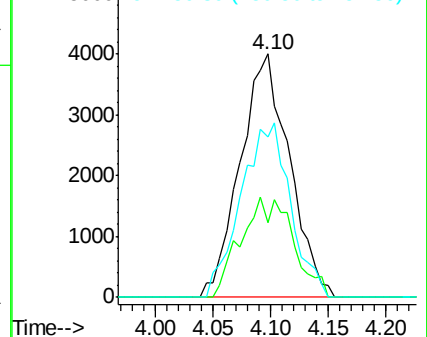
151 72.0 61.8 92.6



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: 4.38 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

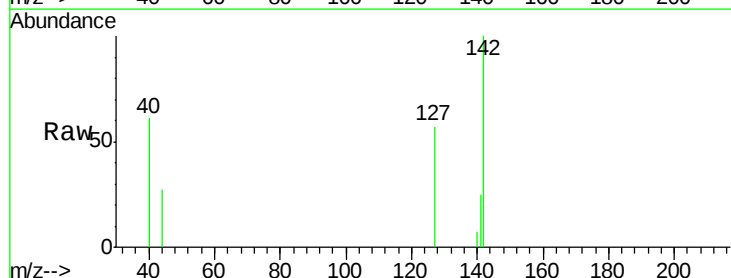
Tgt Ion:142 Resp: 8599

Ion Ratio Lower Upper

142 100

127 46.9 37.6 56.4

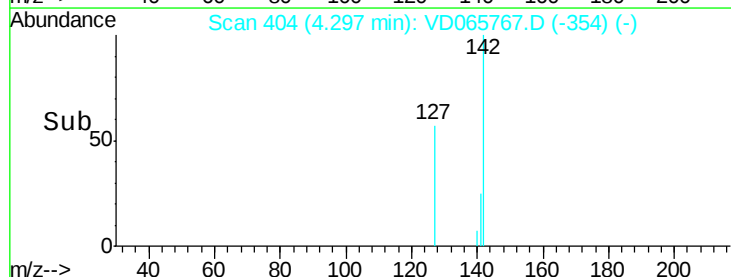
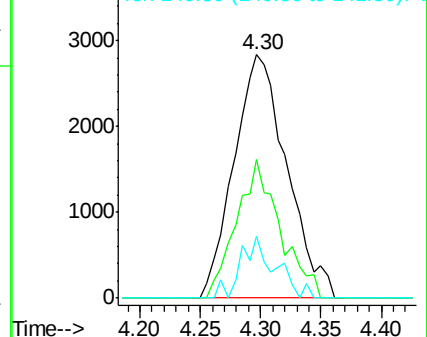
141 16.4 12.1 18.1

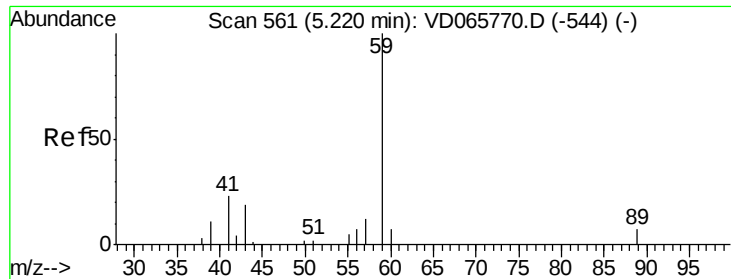


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

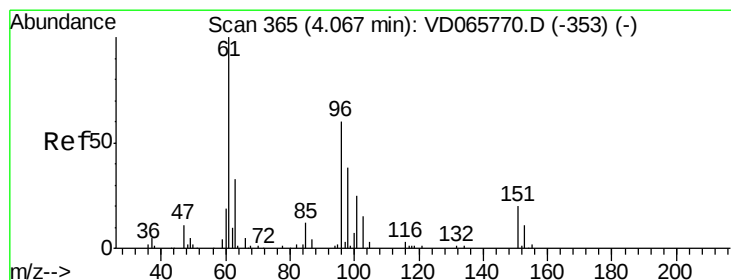
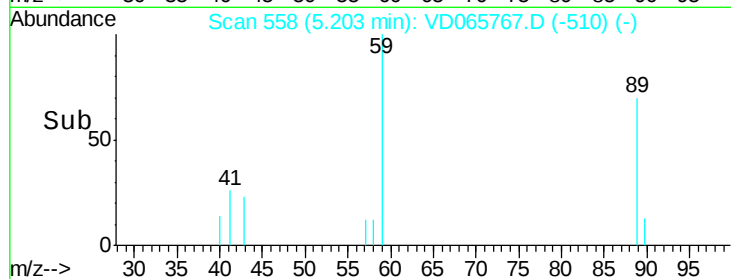
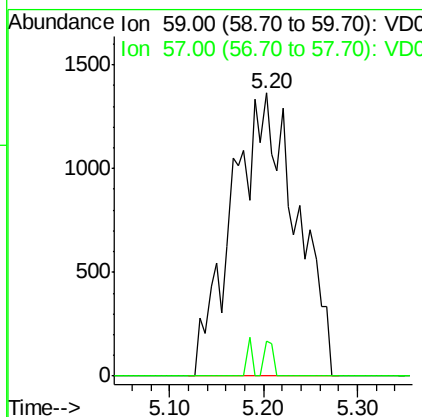
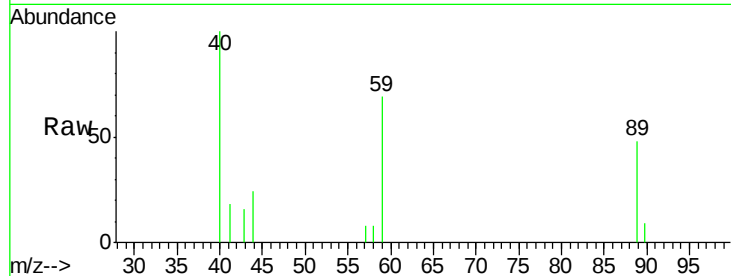




#11
Tert butyl alcohol
Concen: 37.56 ug/l
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

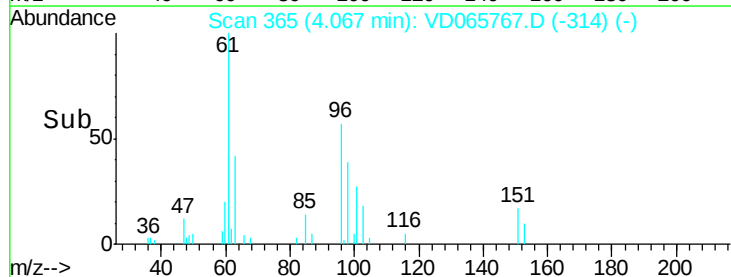
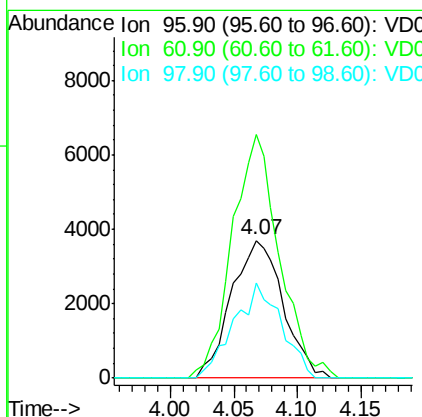
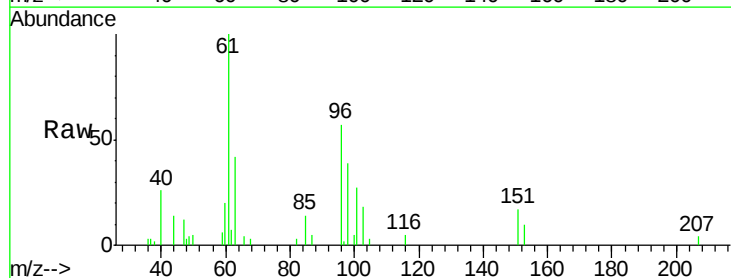
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

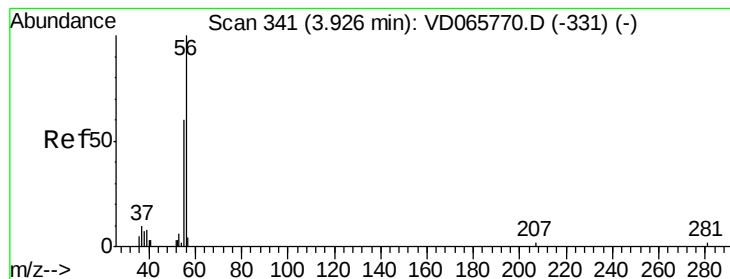
Tgt Ion: 59 Resp: 6489
Ion Ratio Lower Upper
59 100
57 1.8 7.5 11.3#



#12
1,1-Dichloroethene
Concen: 5.18 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 96 Resp: 10455
Ion Ratio Lower Upper
96 100
61 176.5 132.3 198.5
98 69.4 50.7 76.1





#13

Acrolein

Concen: 26.76 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

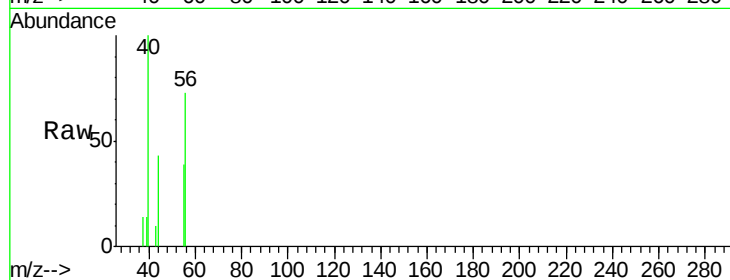
VSTDIC005

Tgt Ion: 56 Resp: 3394

Ion Ratio Lower Upper

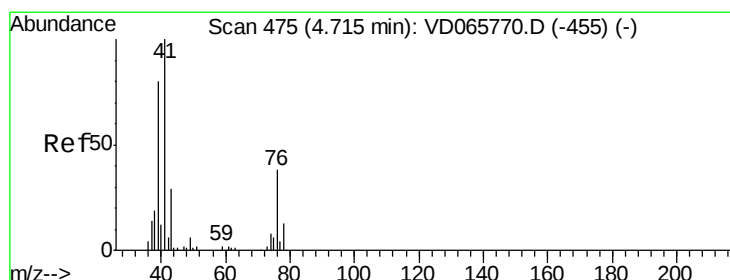
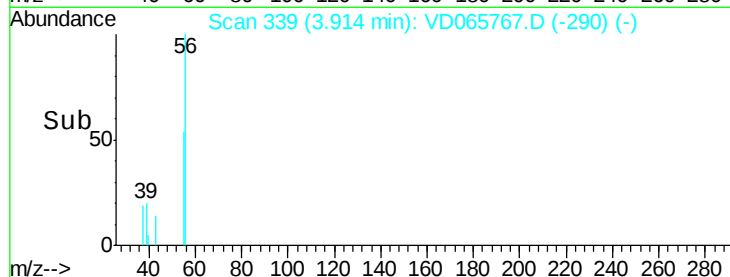
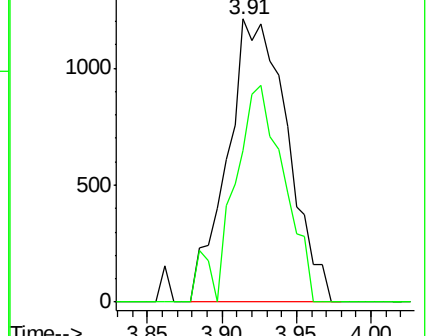
56 100

55 64.3 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 4.94 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

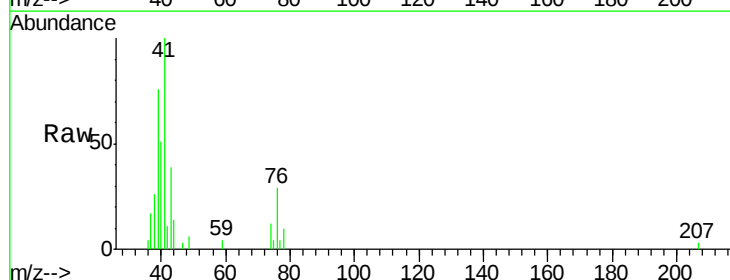
Tgt Ion: 41 Resp: 16176

Ion Ratio Lower Upper

41 100

39 81.7 60.9 91.3

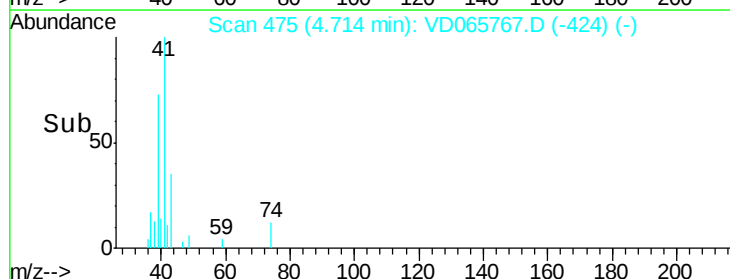
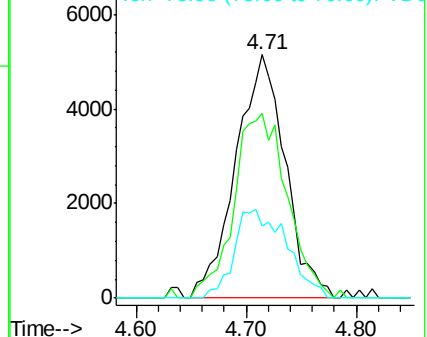
76 38.3 28.9 43.3

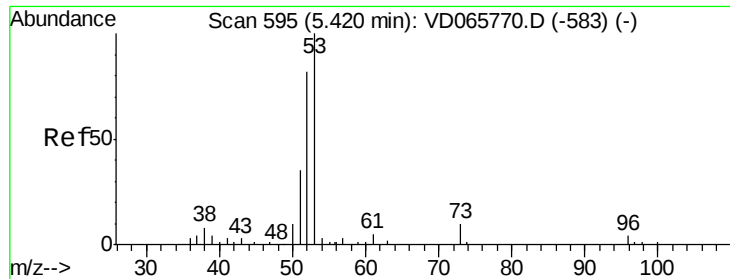


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 25.16 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

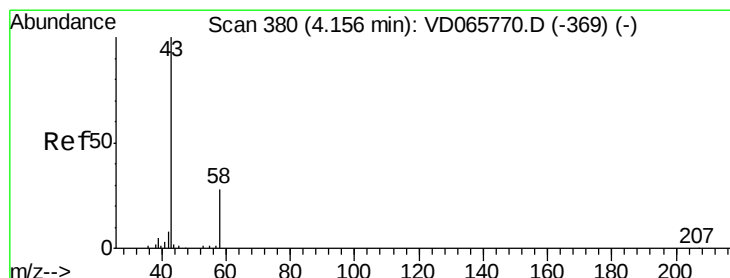
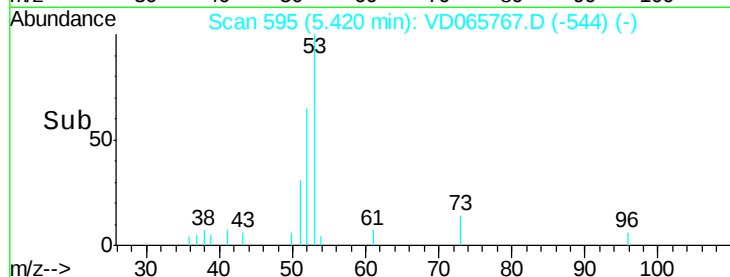
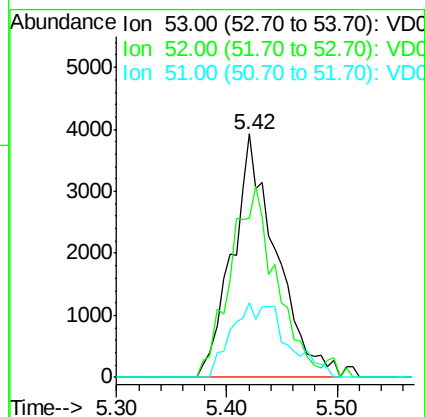
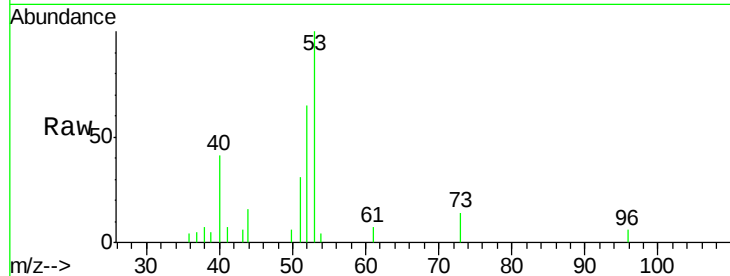
Tgt Ion: 53 Resp: 10923

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

51 18.0 30.7 46.1#



#16

Acetone

Concen: 27.82 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065767.D

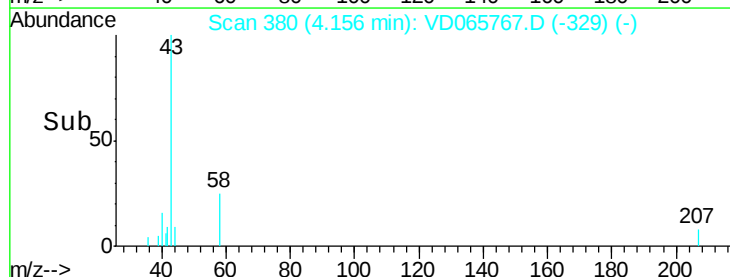
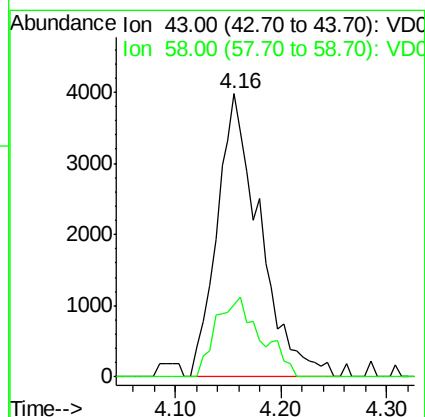
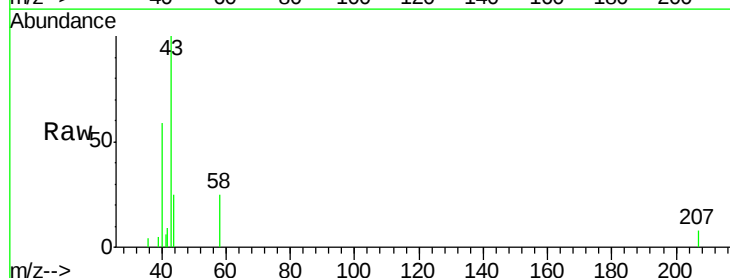
Acq: 05 Jun 2020 10:30

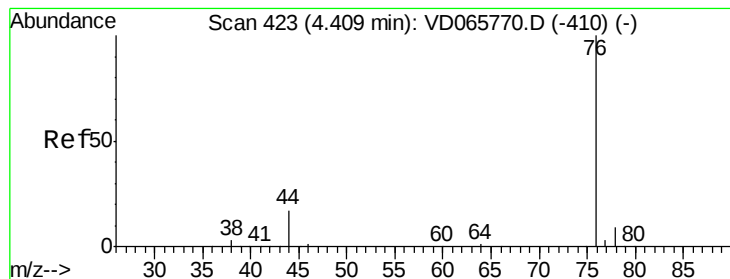
Tgt Ion: 43 Resp: 11236

Ion Ratio Lower Upper

43 100

58 25.4 22.3 33.5





#17

Carbon Disulfide

Concen: 4.99 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

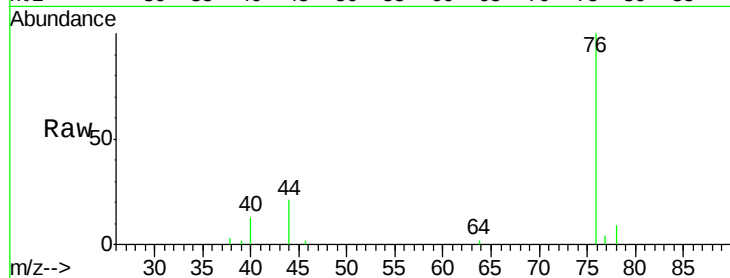
VSTDIC005

Tgt Ion: 76 Resp: 33962

Ion Ratio Lower Upper

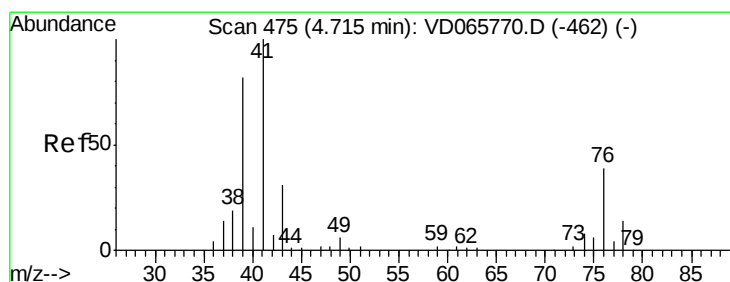
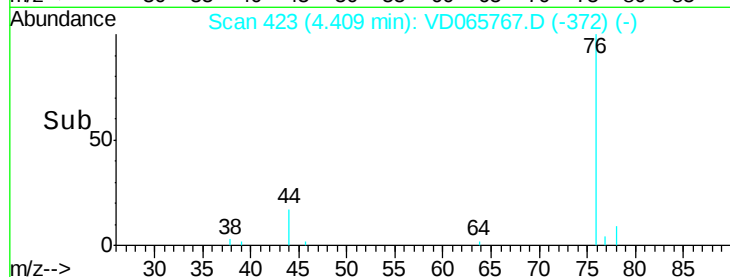
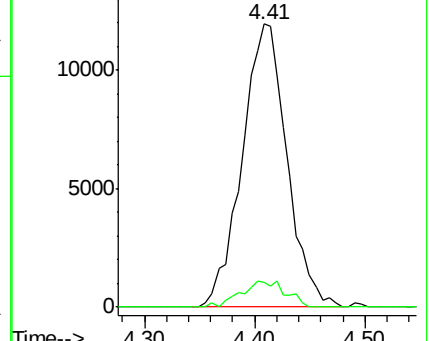
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 7.02 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD065767.D

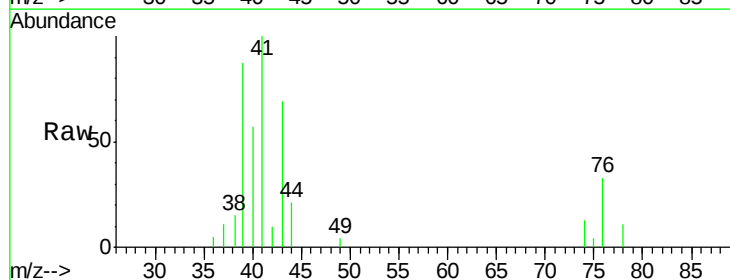
Acq: 05 Jun 2020 10:30

Tgt Ion: 43 Resp: 7799

Ion Ratio Lower Upper

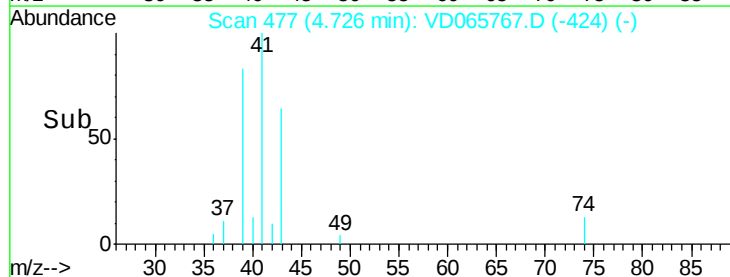
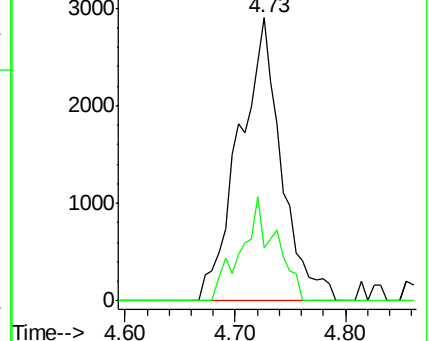
43 100

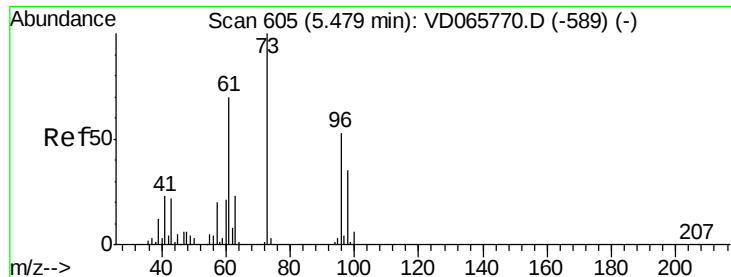
74 30.3 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

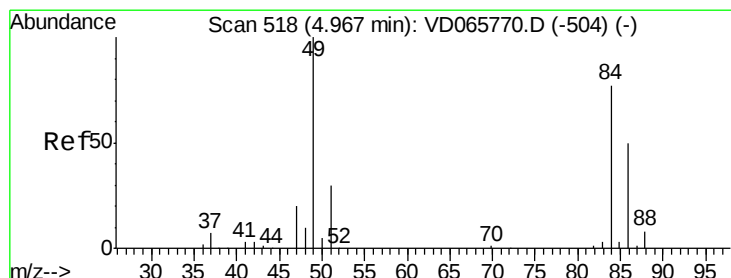
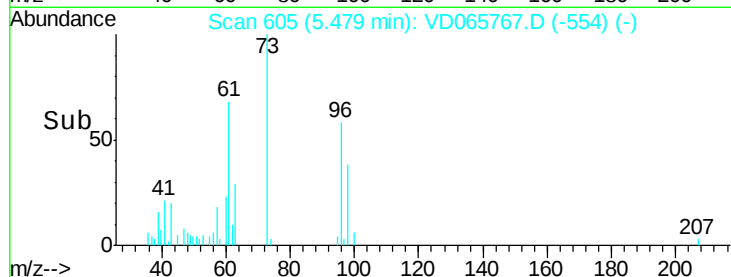
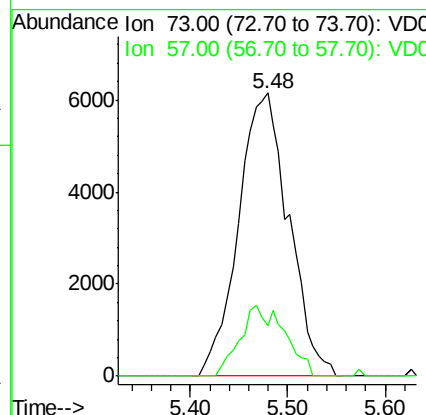
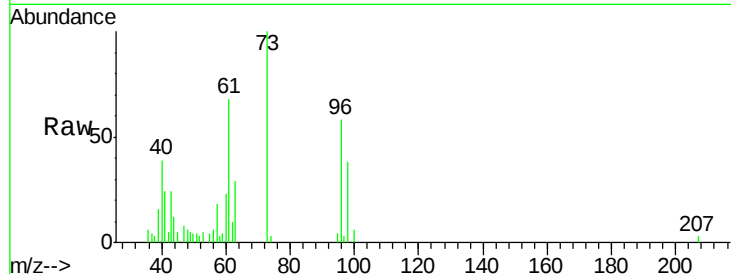




#19
Methyl tert-butyl Ether
Concen: 4.98 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

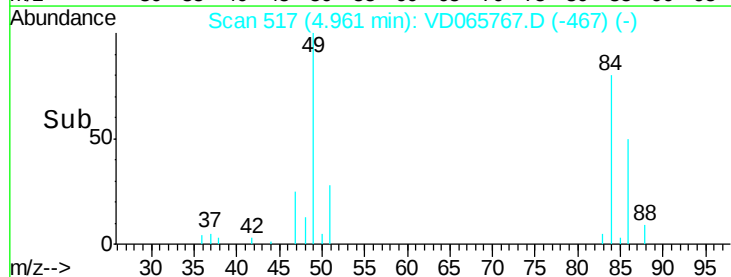
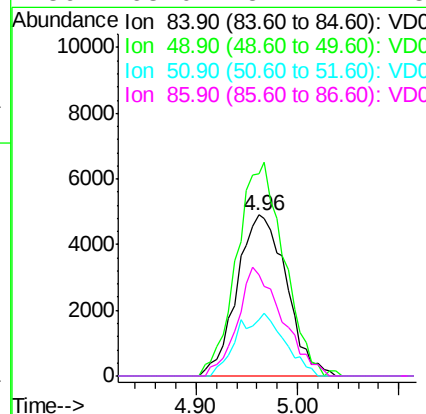
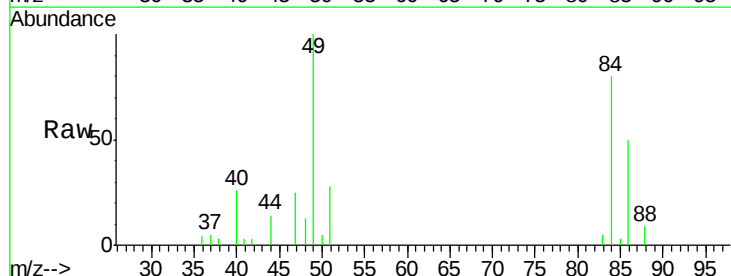
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

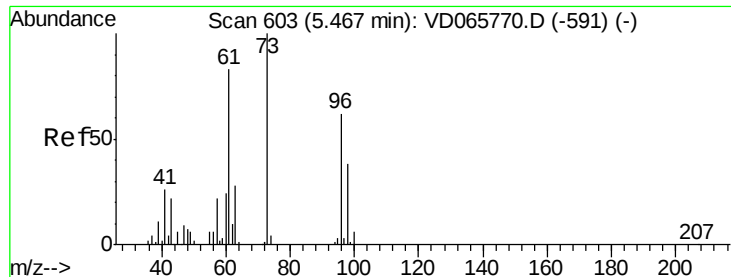
Tgt Ion: 73 Resp: 22132
Ion Ratio Lower Upper
73 100
57 17.9 16.2 24.2



#20
Methylene Chloride
Concen: 6.27 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 84 Resp: 16587
Ion Ratio Lower Upper
84 100
49 125.4 103.4 155.0
51 35.2 31.4 47.2
86 63.0 51.7 77.5

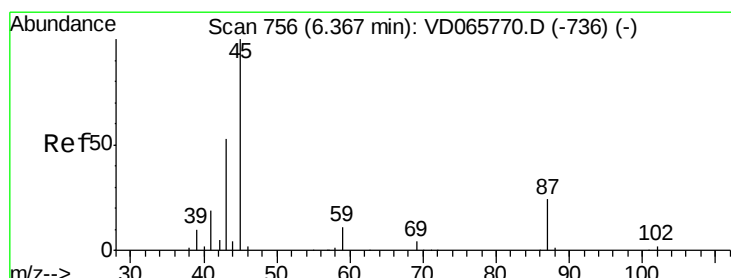
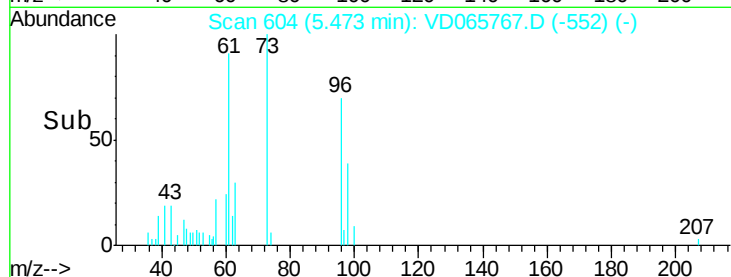
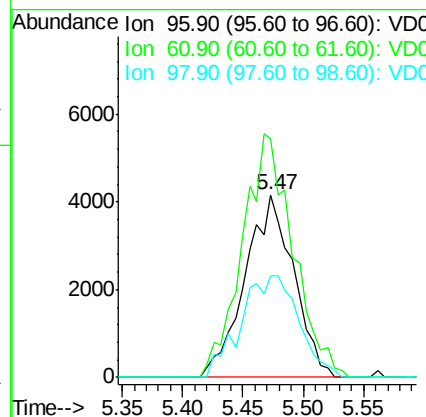
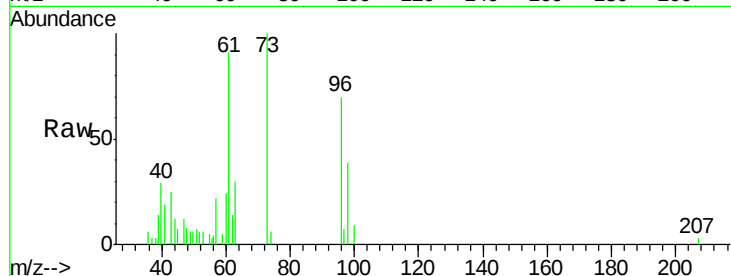




#21
trans-1,2-Dichloroethene
Concen: 4.97 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

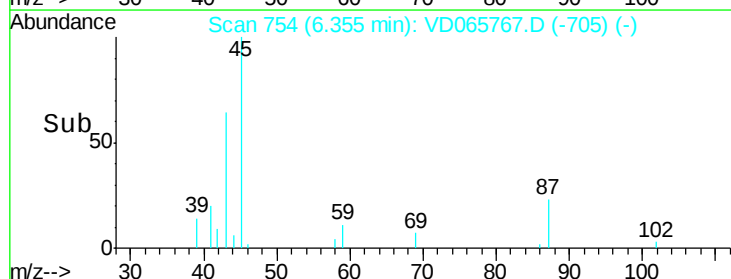
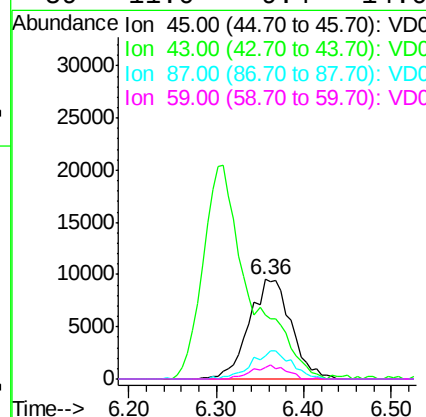
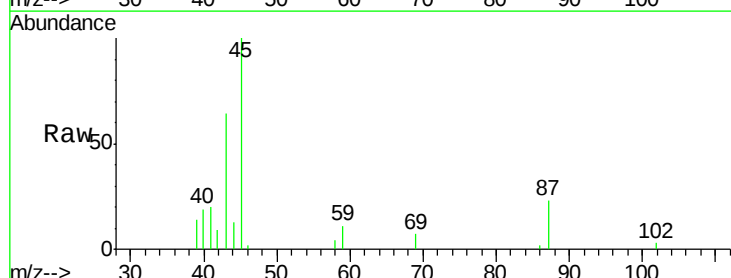
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

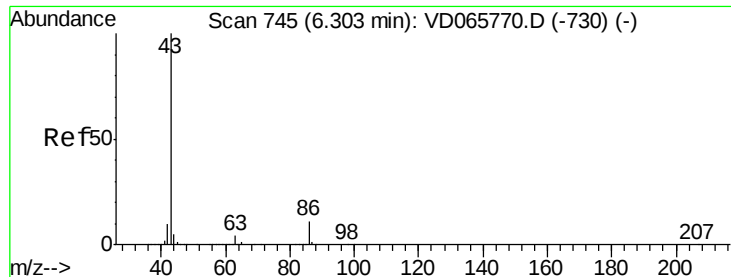
Tgt Ion: 96 Resp: 11595
Ion Ratio Lower Upper
96 100
61 130.7 107.7 161.5
98 55.8 49.3 73.9



#22
Diisopropyl ether
Concen: 4.78 ug/l
RT: 6.36 min Scan# 754
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 45 Resp: 31457
Ion Ratio Lower Upper
45 100
43 62.0 43.4 65.0
87 22.9 20.2 30.4
59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 20.84 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

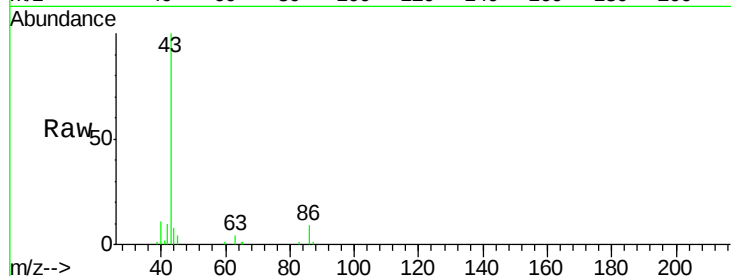
VSTDIC005

Tgt Ion: 43 Resp: 75092

Ion Ratio Lower Upper

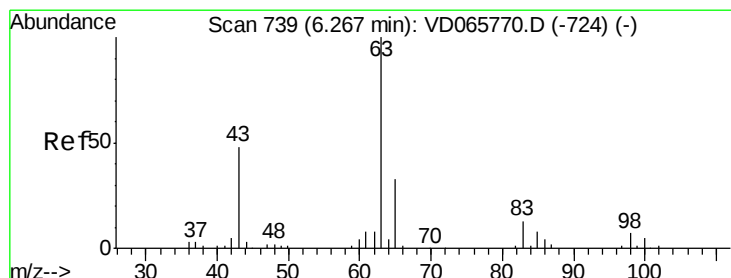
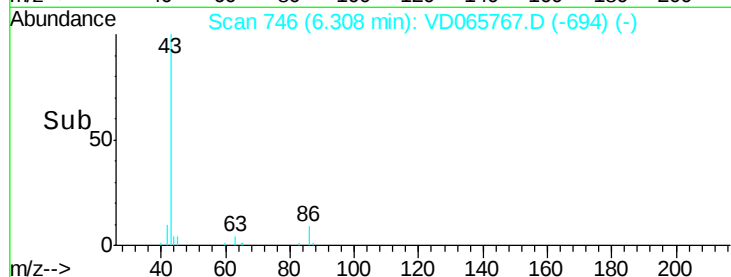
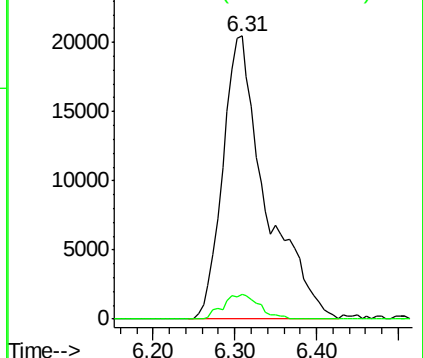
43 100

86 8.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 5.12 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

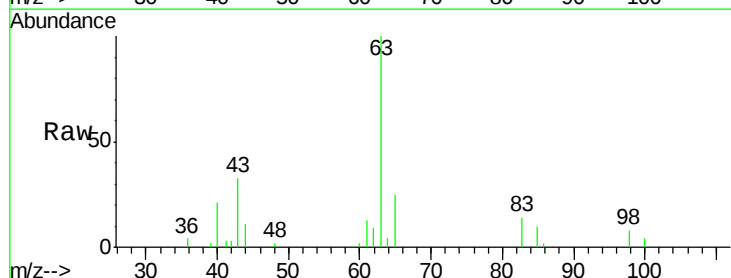
Tgt Ion: 63 Resp: 20851

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.5

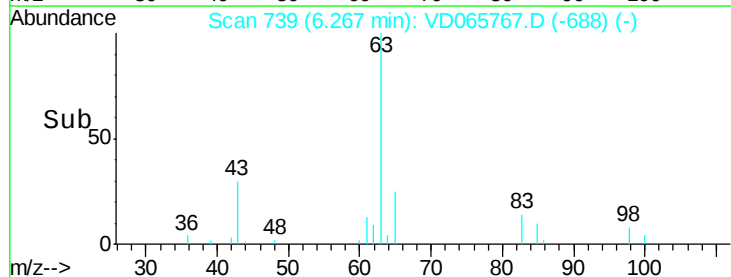
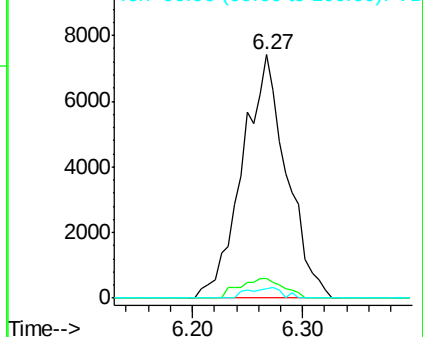
100 4.0 2.3 6.9

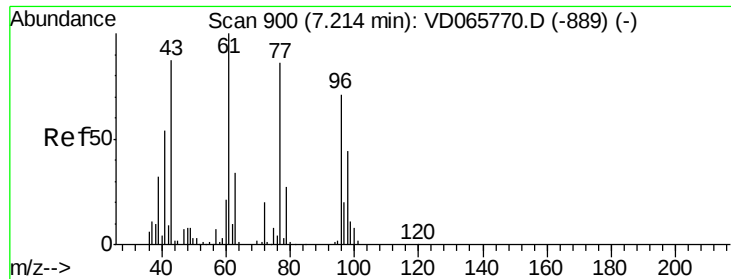


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 26.22 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

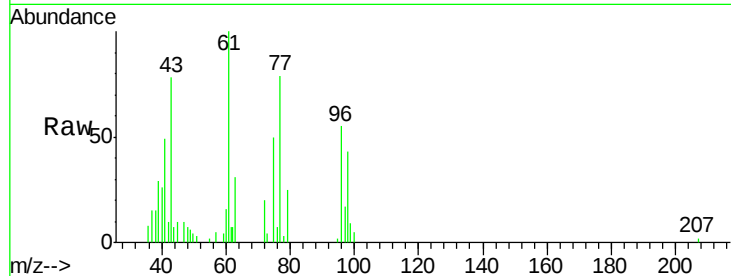
VSTDIC005

Tgt Ion: 43 Resp: 14579

Ion Ratio Lower Upper

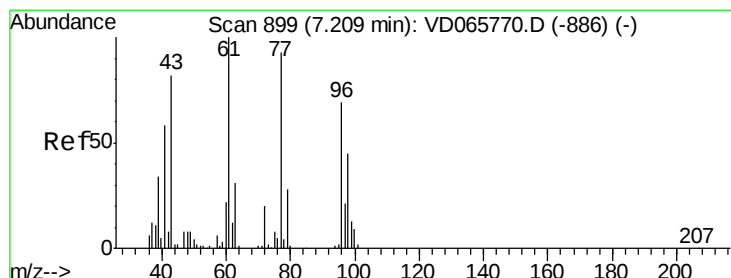
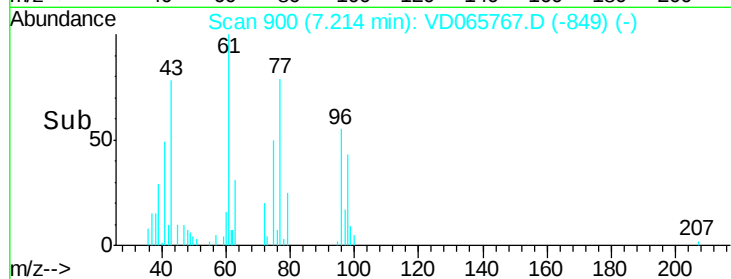
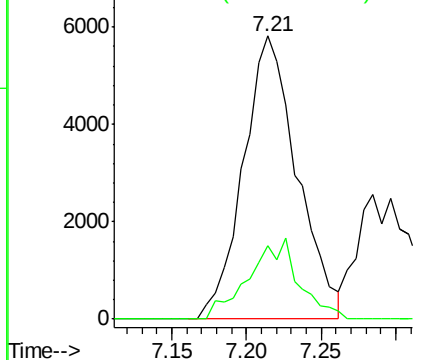
43 100

72 26.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.34 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065767.D

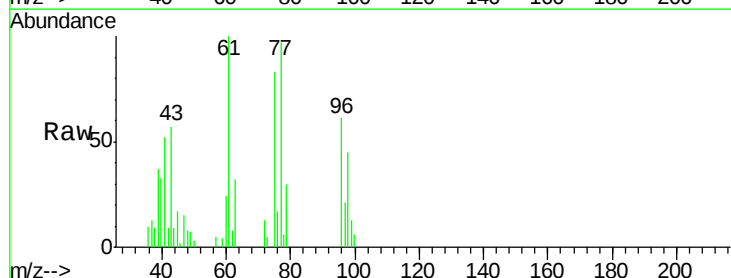
Acq: 05 Jun 2020 10:30

Tgt Ion: 77 Resp: 19338

Ion Ratio Lower Upper

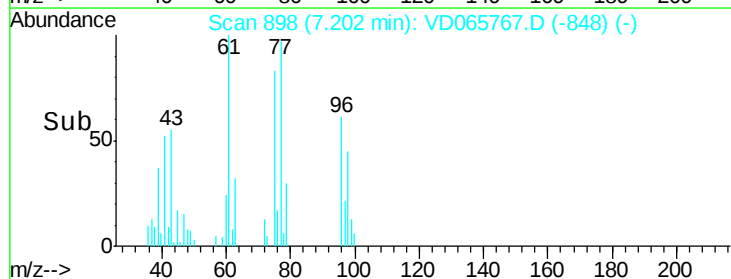
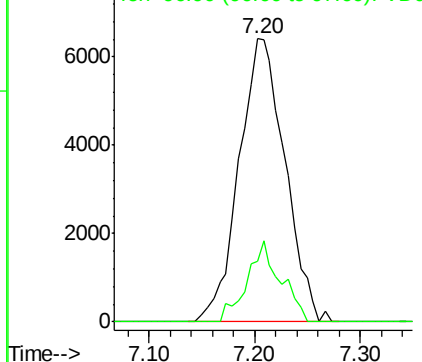
77 100

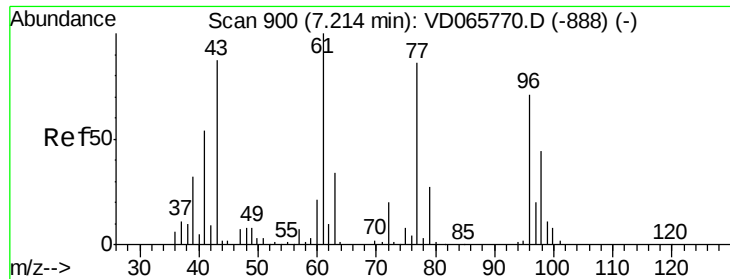
97 21.0 10.9 32.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 4.95 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

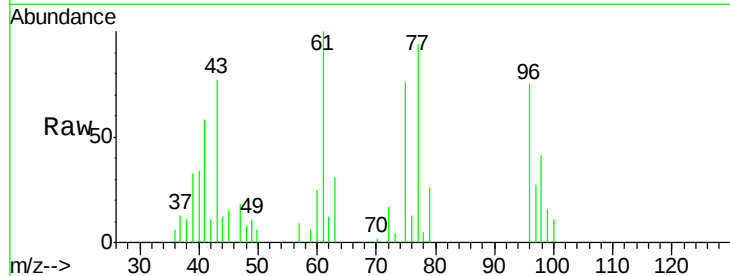
Tgt Ion: 96 Resp: 12291

Ion Ratio Lower Upper

96 100

61 161.0 0.0 291.2

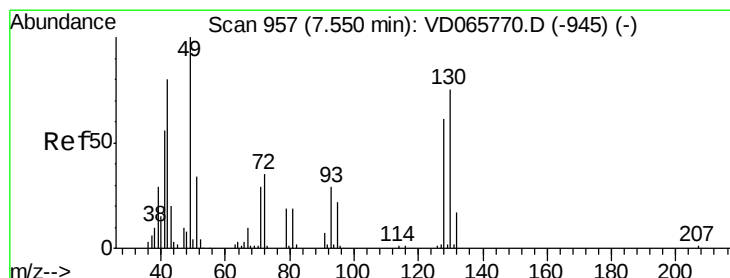
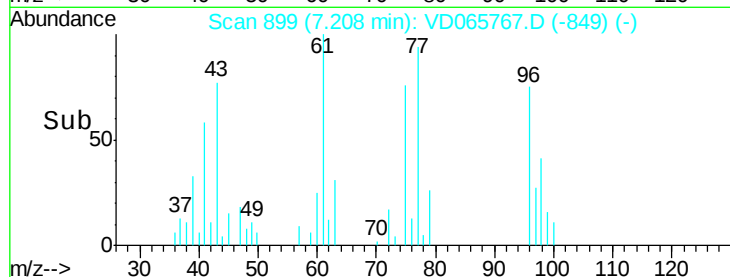
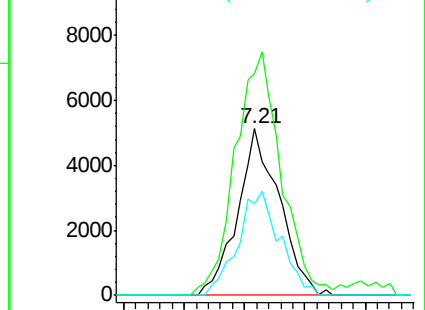
98 63.0 0.0 128.8



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



#28

Bromochloromethane

Concen: 5.19 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

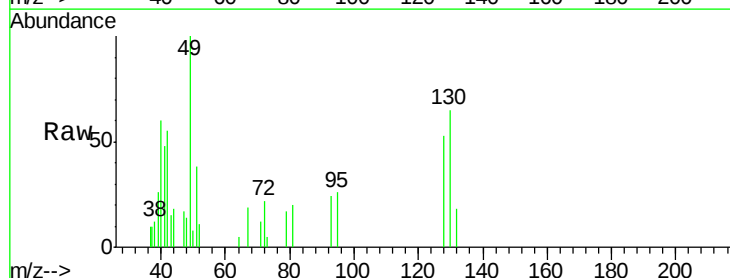
Tgt Ion: 49 Resp: 7979

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

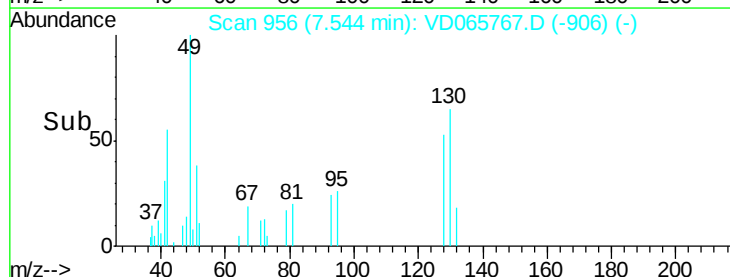
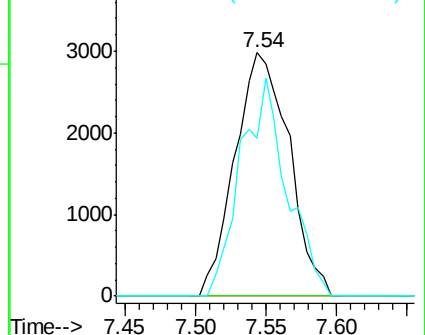
130 76.9 59.5 89.3

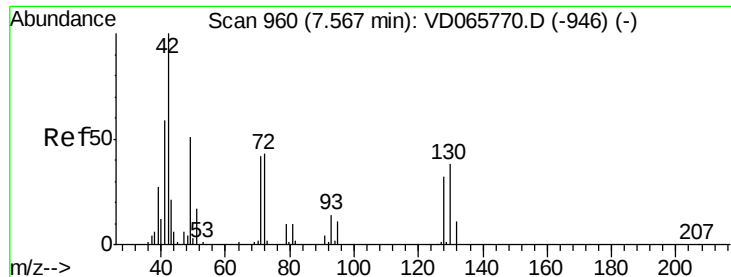


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

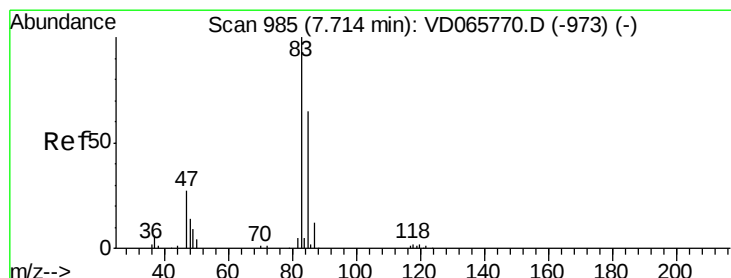
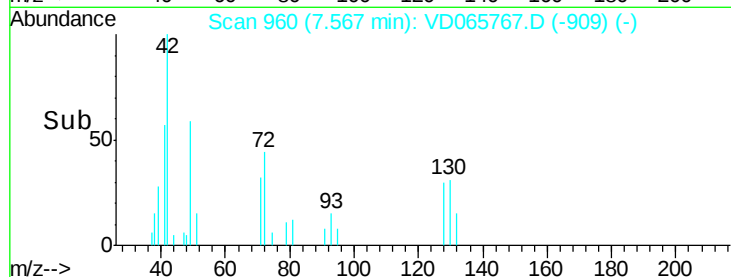
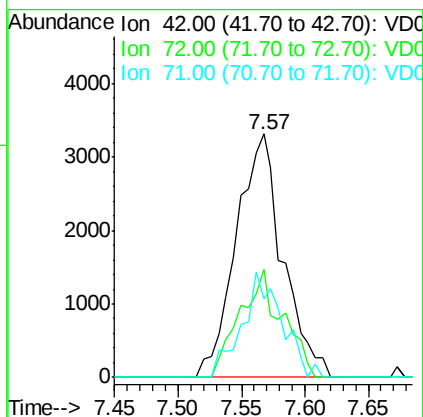
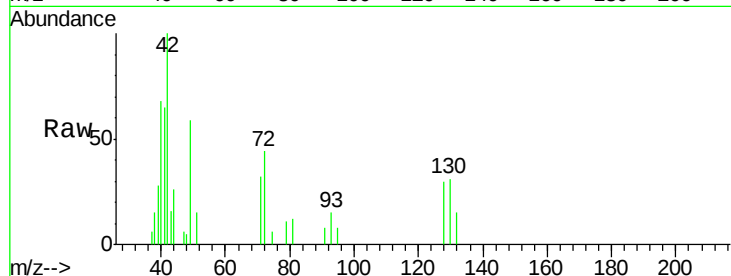




#29
Tetrahydrofuran
Concen: 24.24 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

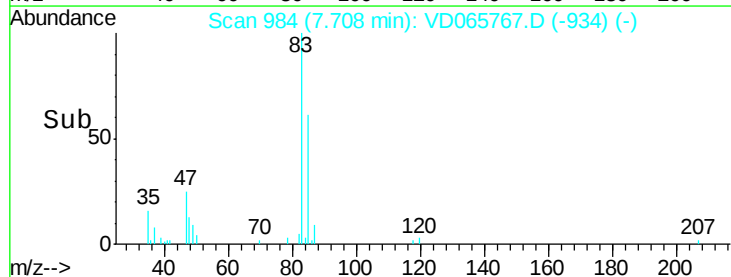
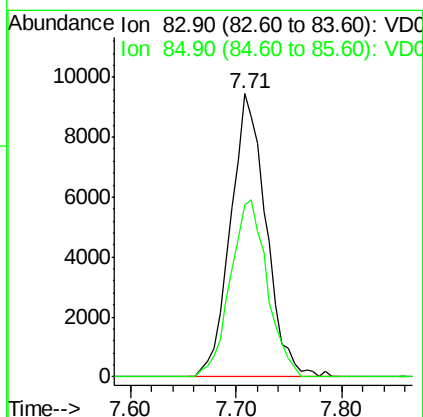
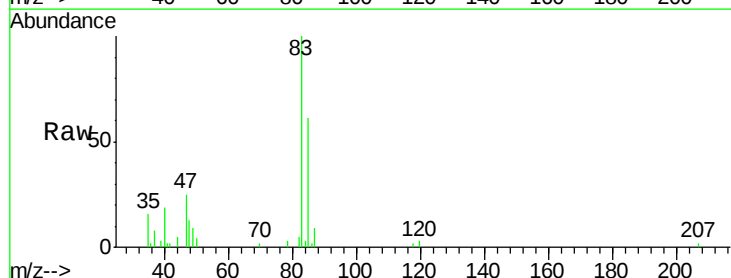
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

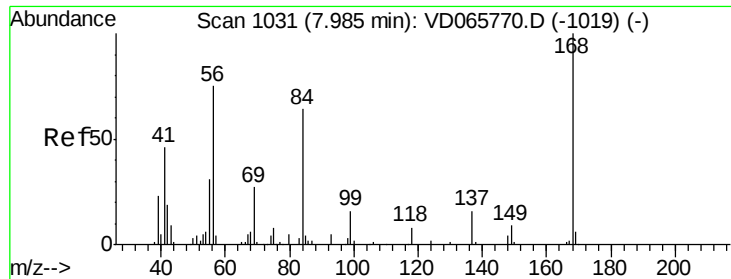
Tgt Ion: 42 Resp: 8482
Ion Ratio Lower Upper
42 100
72 40.7 34.9 52.3
71 36.9 31.2 46.8



#30
Chloroform
Concen: 5.21 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 83 Resp: 21958
Ion Ratio Lower Upper
83 100
85 60.7 51.9 77.9

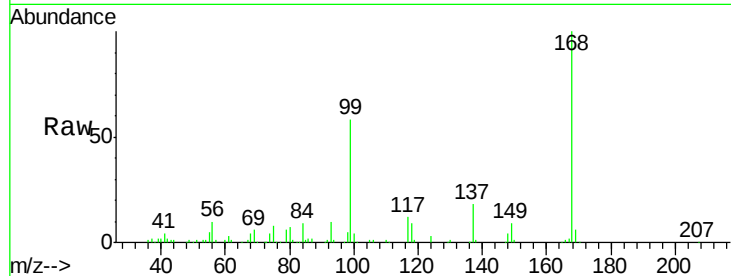




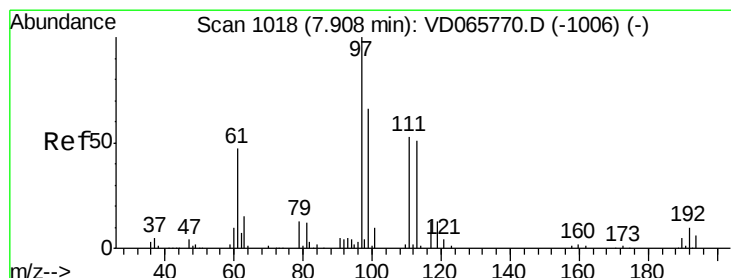
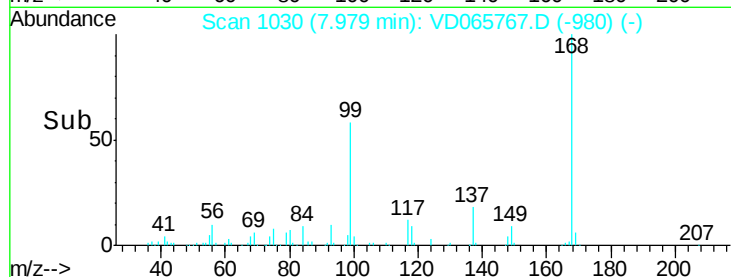
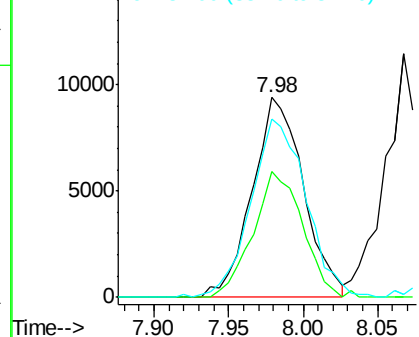
#31
Cyclohexane
Concen: 5.60 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 22445
Ion Ratio Lower Upper
56 100
69 63.1 28.5 42.7#
84 89.5 68.4 102.6

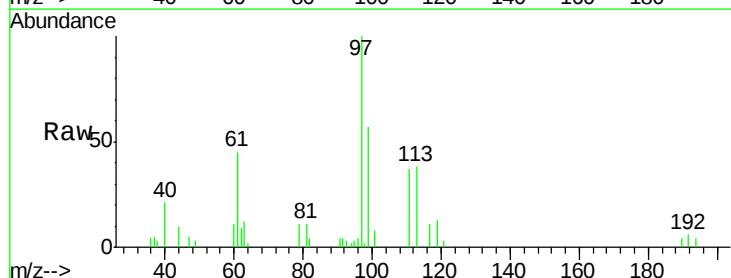


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

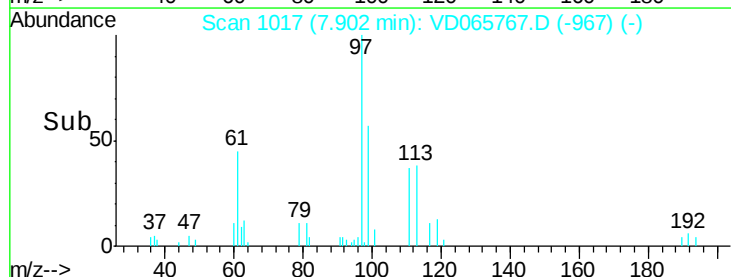
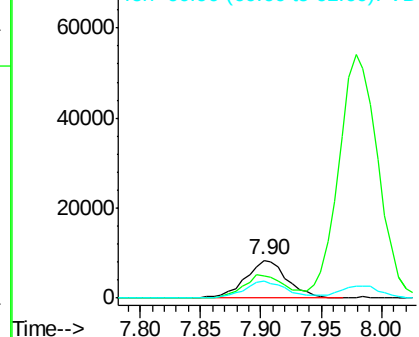


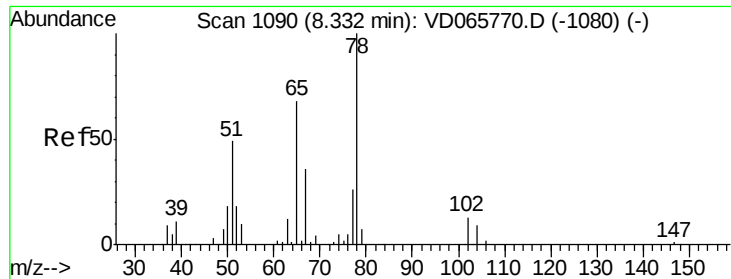
#32
1,1,1-Trichloroethane
Concen: 5.17 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 97 Resp: 20059
Ion Ratio Lower Upper
97 100
99 63.0 49.2 73.8
61 44.4 36.0 54.0



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

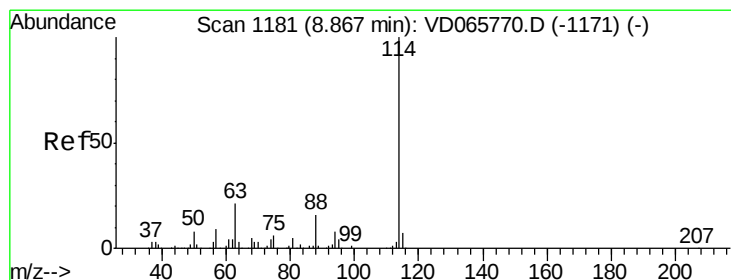
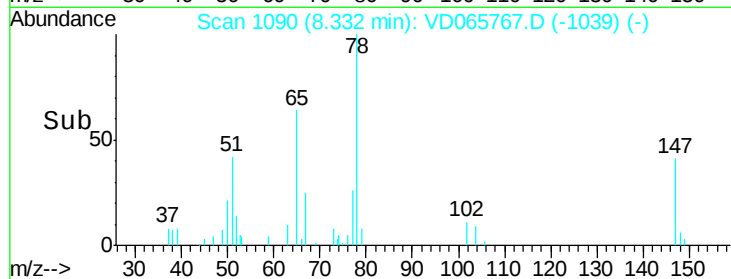
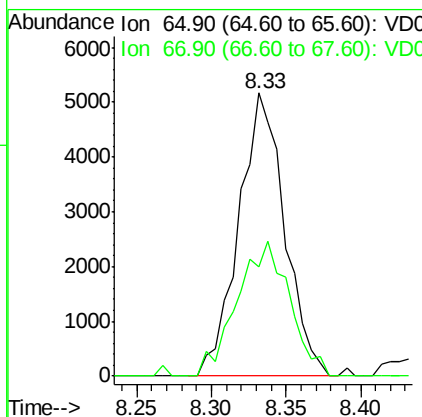
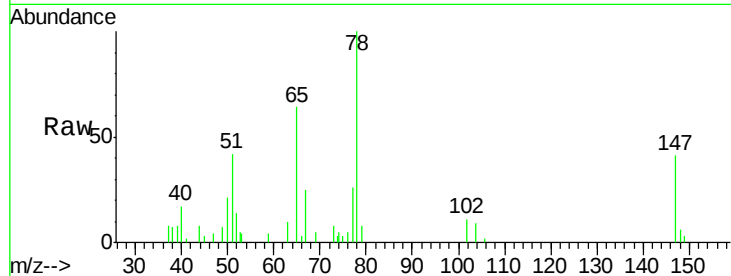




#33
 1,2-Dichloroethane-d4
 Concen: 5.16 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

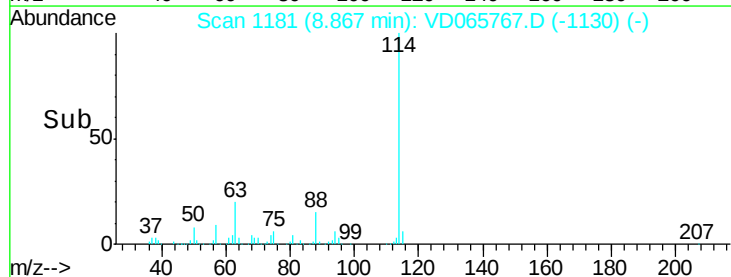
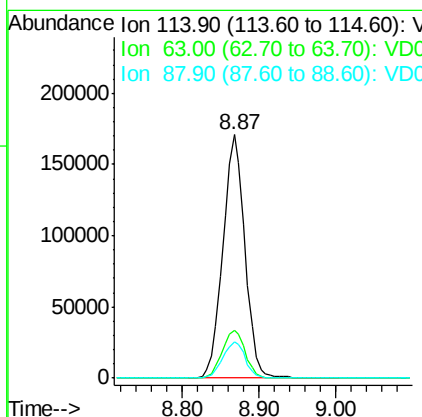
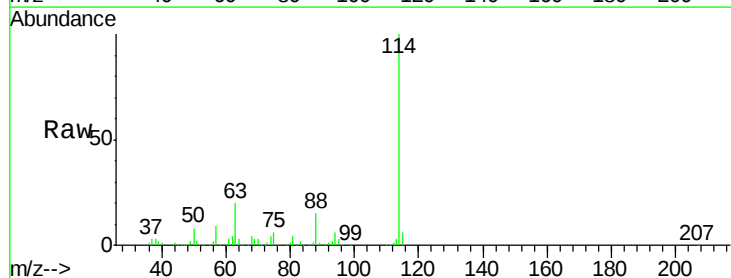
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

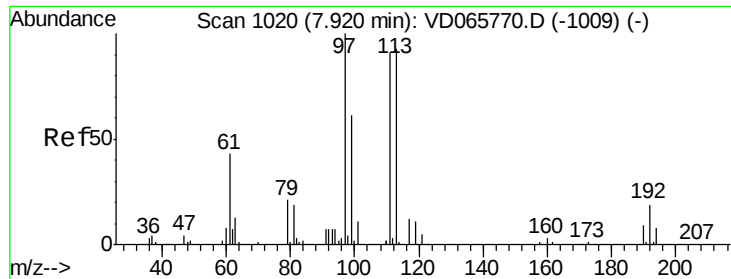
Tgt Ion: 65 Resp: 11009
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Tgt Ion: 114 Resp: 338915
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.8
 88 15.1 0.0 32.0

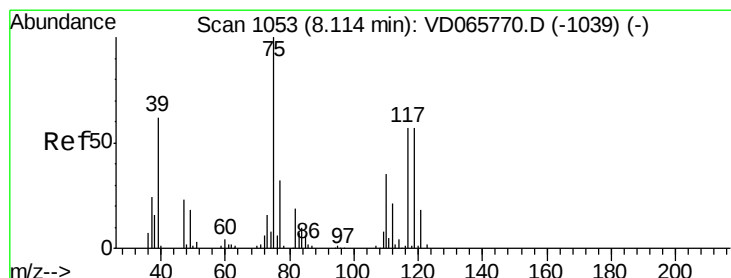
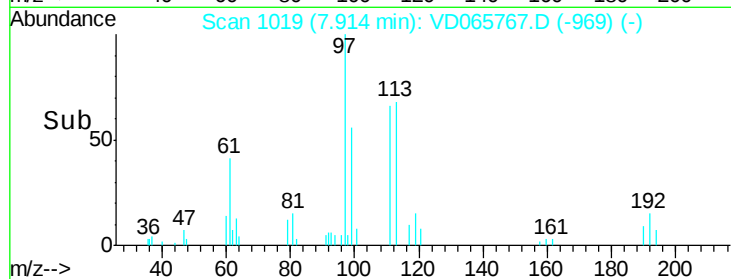
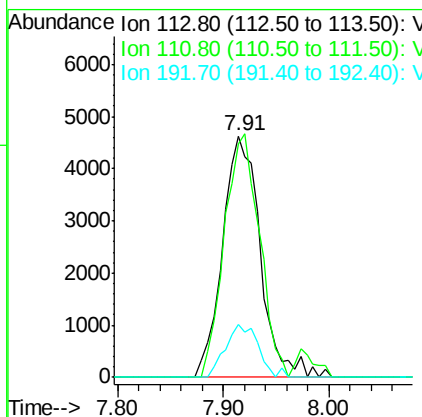
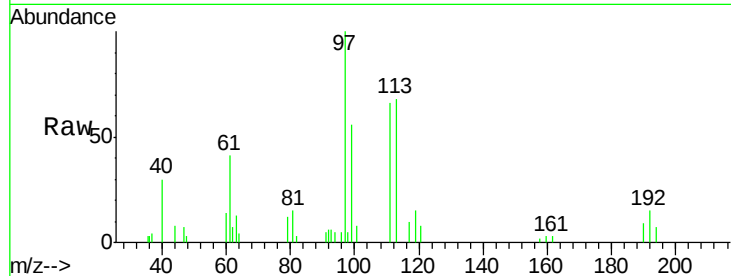




#35
 Dibromofluoromethane
 Concen: 5.32 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

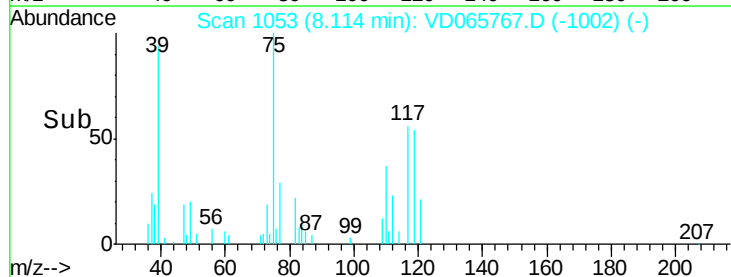
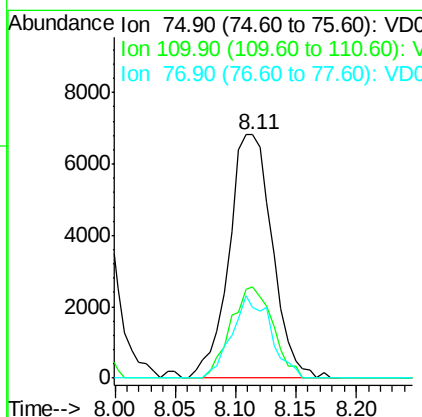
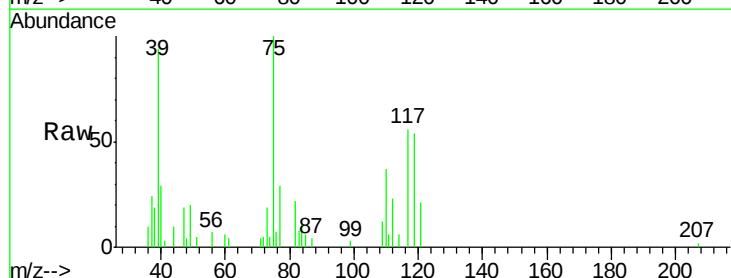
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

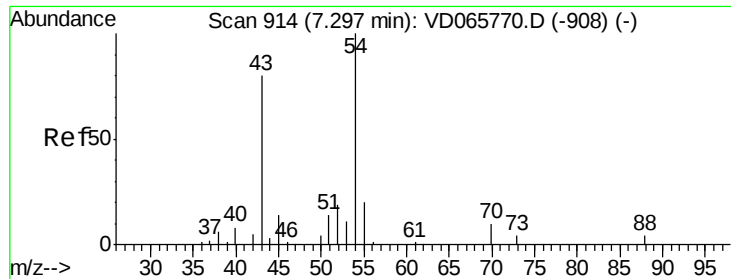
Tgt Ion: 113 Resp: 11420
 Ion Ratio Lower Upper
 113 100
 111 94.2 83.4 125.0
 192 18.9 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 5.11 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Tgt Ion: 75 Resp: 17033
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.6 52.8
 77 30.3 25.1 37.7

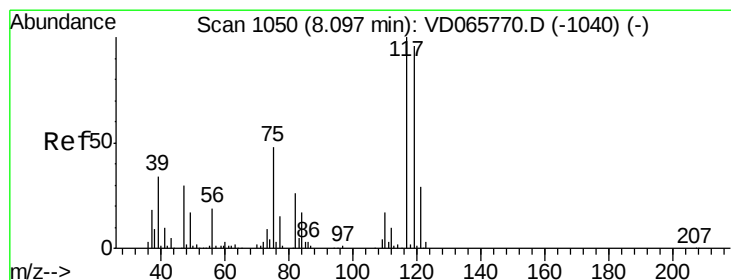
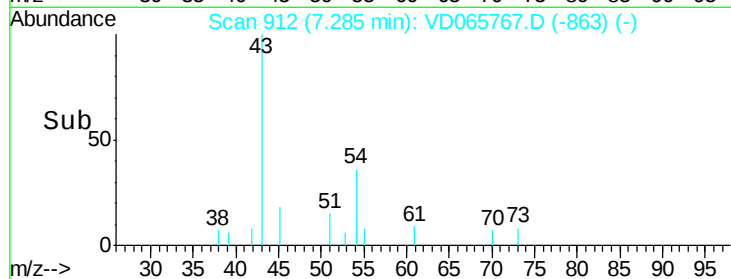
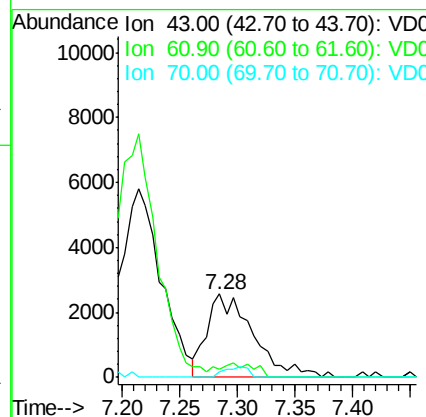
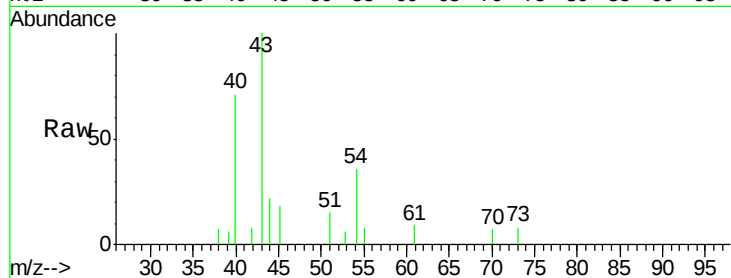




#37
Ethyl Acetate
Concen: 5.52 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

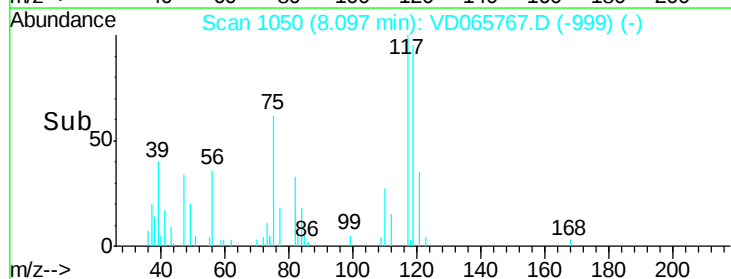
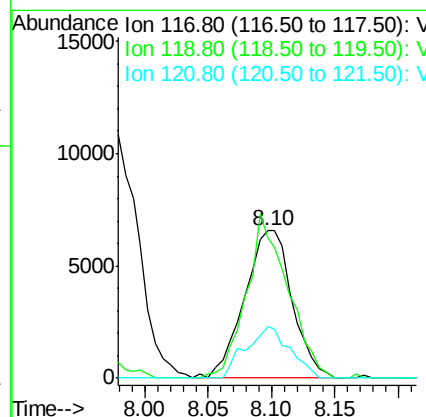
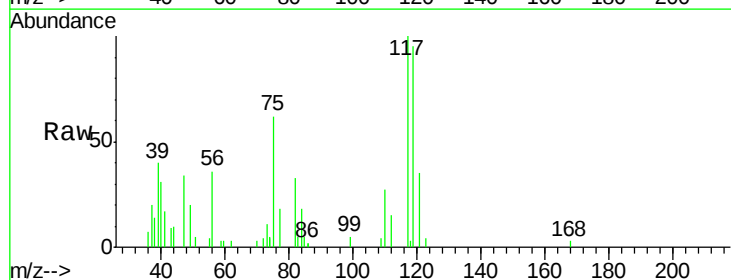
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

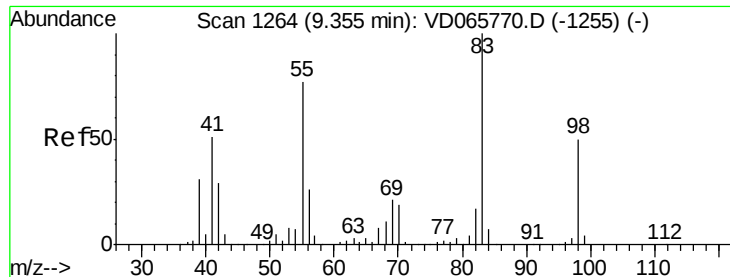
Tgt Ion: 43 Resp: 7147
Ion Ratio Lower Upper
43 100
61 13.3 10.6 15.8
70 6.4 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 4.91 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 117 Resp: 17153
Ion Ratio Lower Upper
117 100
119 95.1 76.8 115.2
121 34.9 23.4 35.2

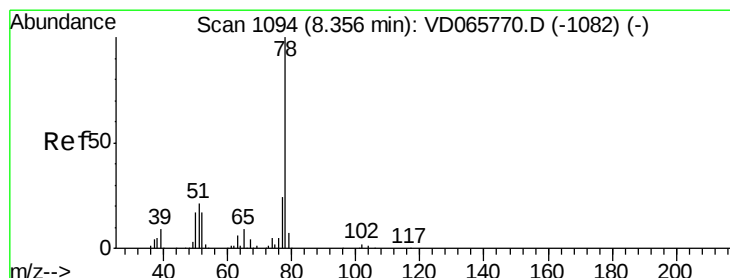
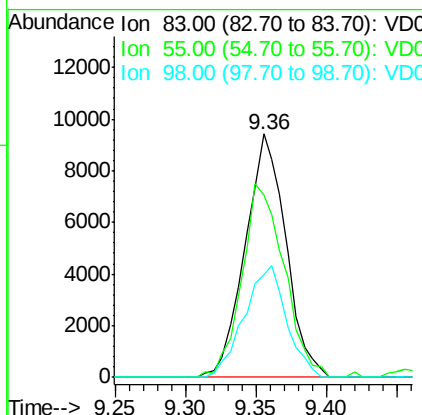
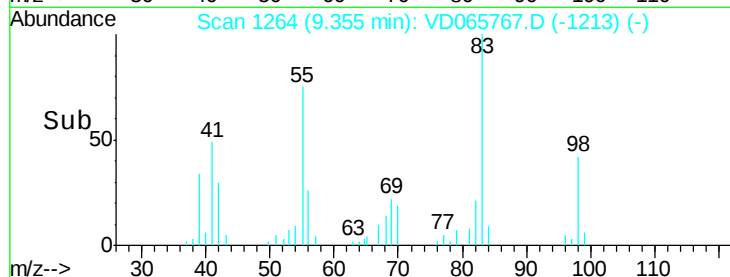
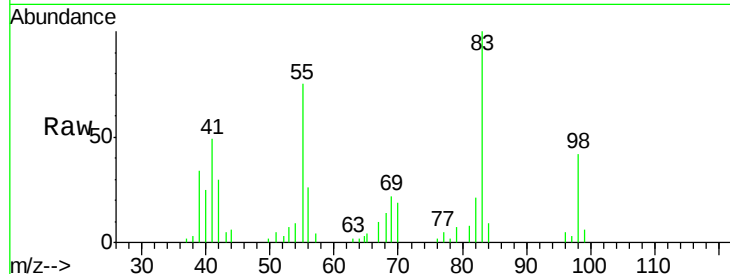




#39
Methylcyclohexane
Concen: 4.92 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

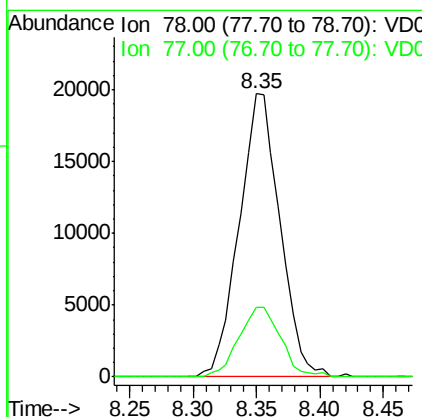
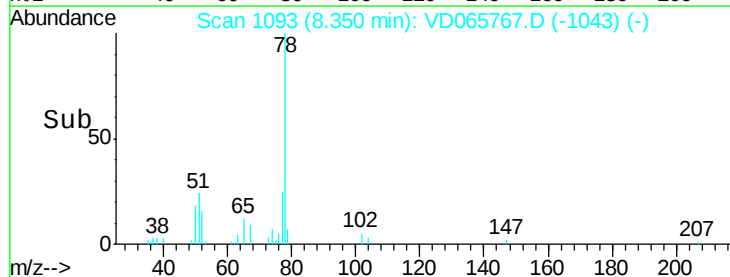
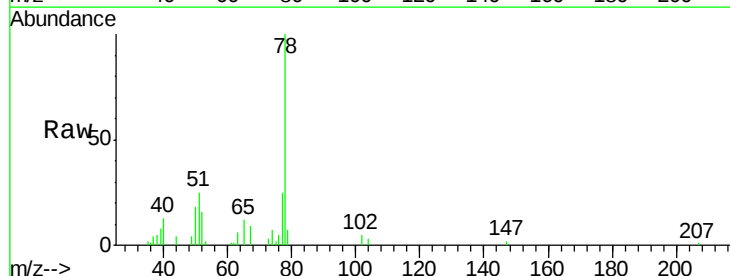
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

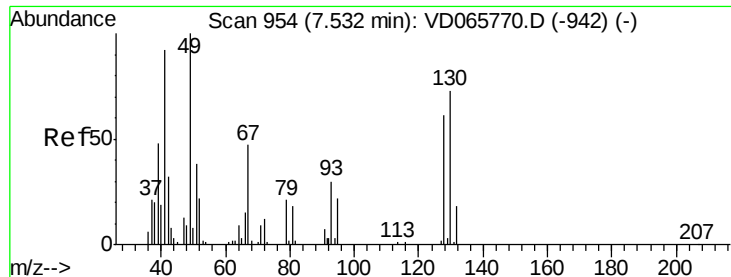
Tgt Ion: 83 Resp: 19037
Ion Ratio Lower Upper
83 100
55 74.9 61.6 92.4
98 42.3 40.2 60.2



#40
Benzene
Concen: 4.90 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 78 Resp: 44101
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8

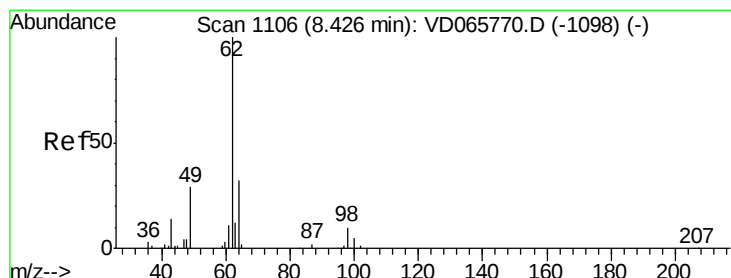
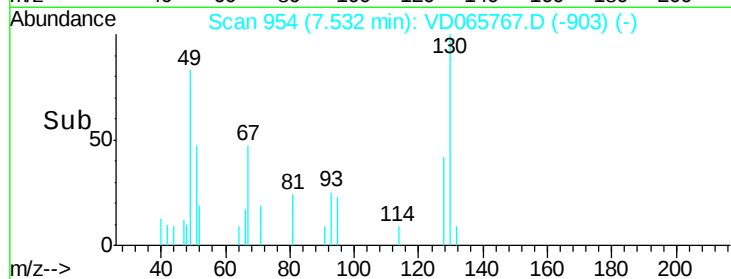
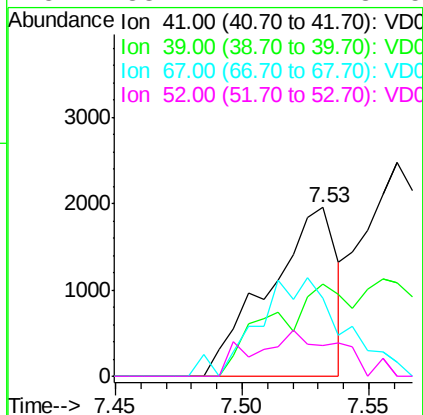
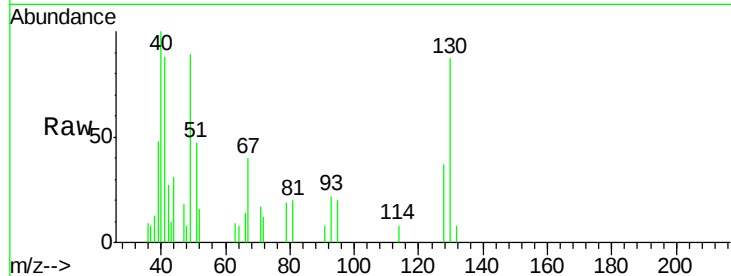




#41
Methacrylonitrile
Concen: 4.52 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

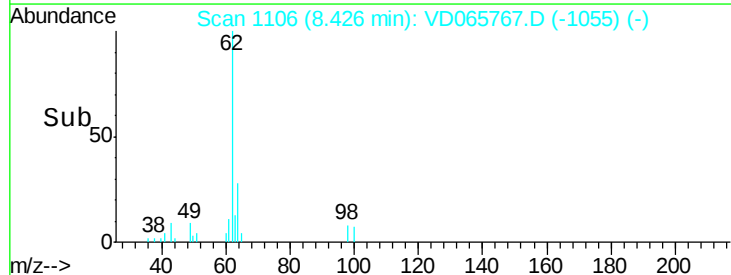
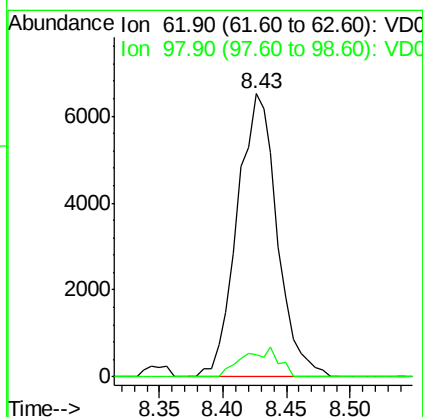
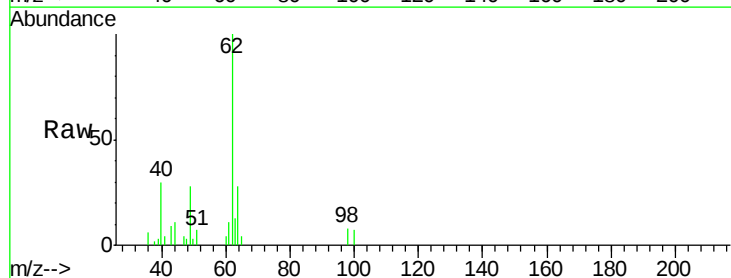
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

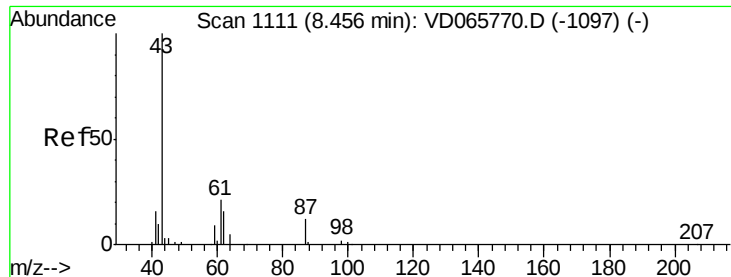
Tgt Ion: 41 Resp: 3656
Ion Ratio Lower Upper
41 100
39 62.8 38.3 57.5#
67 72.4 49.8 74.6
52 33.4 21.7 32.5#



#42
1,2-Dichloroethane
Concen: 5.18 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 62 Resp: 14264
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.6

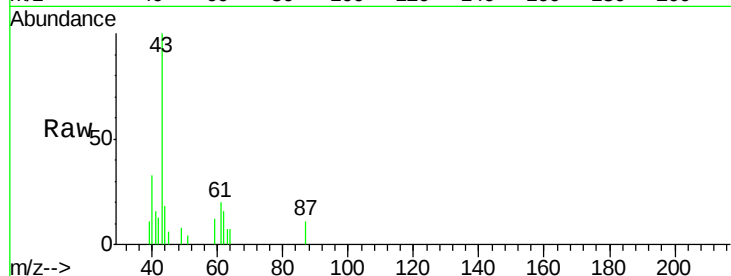




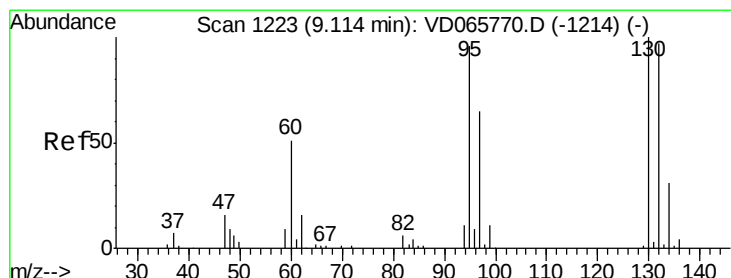
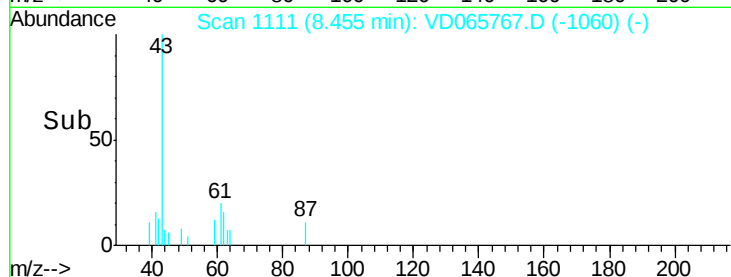
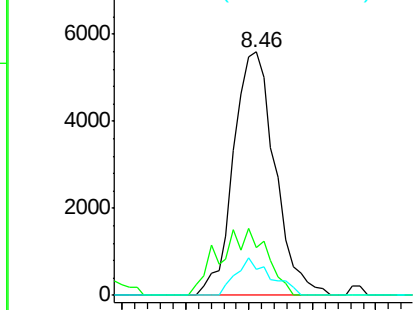
#43
Isopropyl Acetate
Concen: 4.99 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 12682
Ion Ratio Lower Upper
43 100
61 31.6 24.2 36.4
87 12.7 9.5 14.3

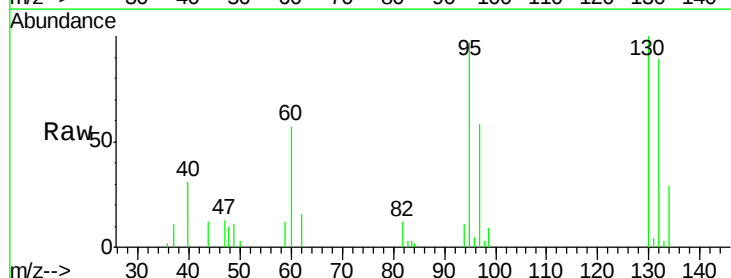


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

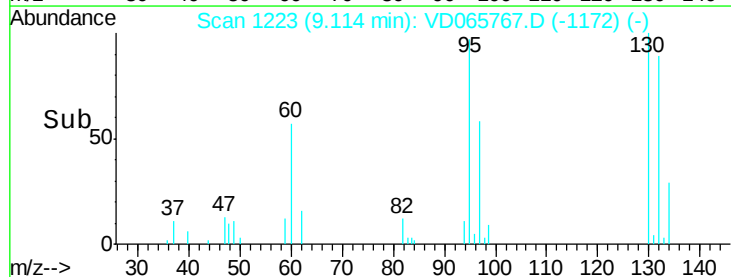
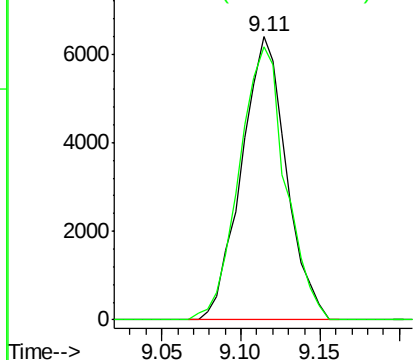


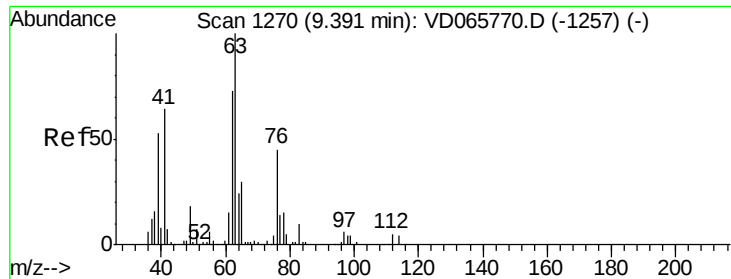
#44
Trichloroethene
Concen: 5.02 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 130 Resp: 12566
Ion Ratio Lower Upper
130 100
95 96.6 0.0 192.8



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

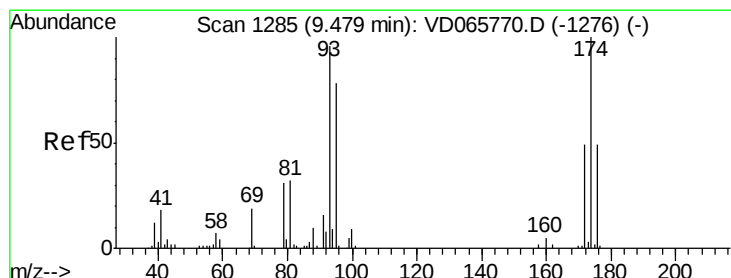
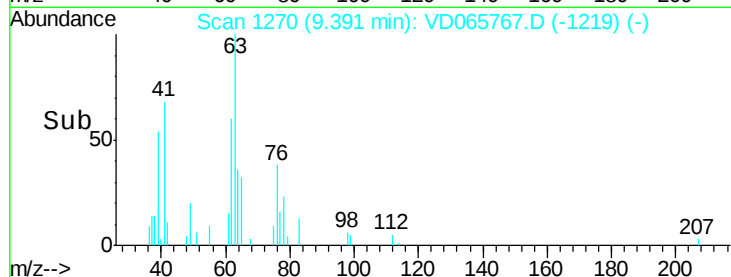
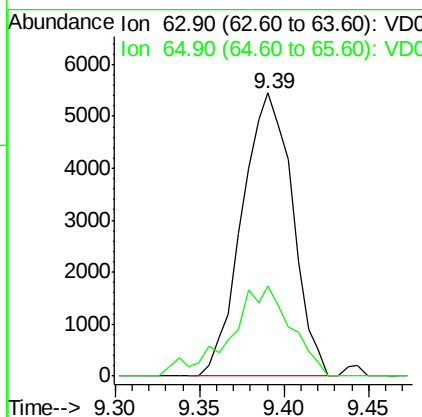
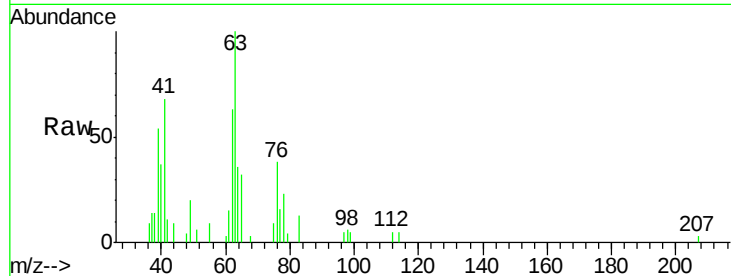




#45
 1,2-Dichloropropane
 Concen: 4.94 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

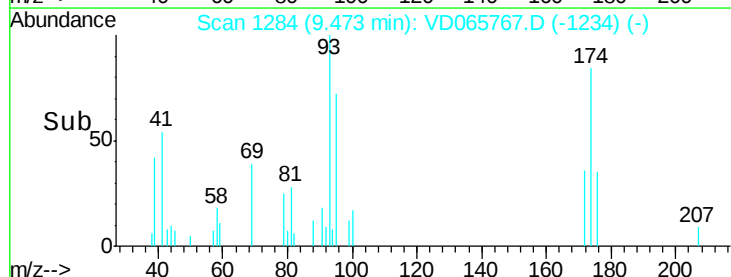
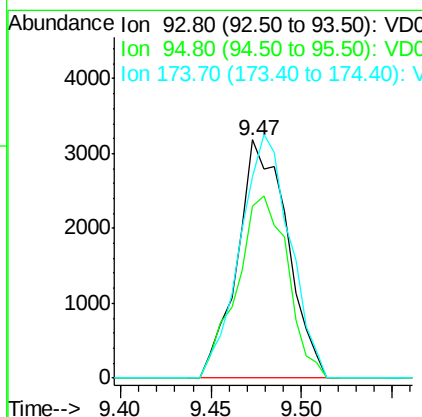
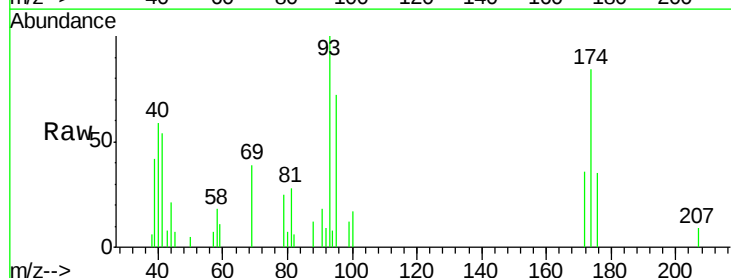
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

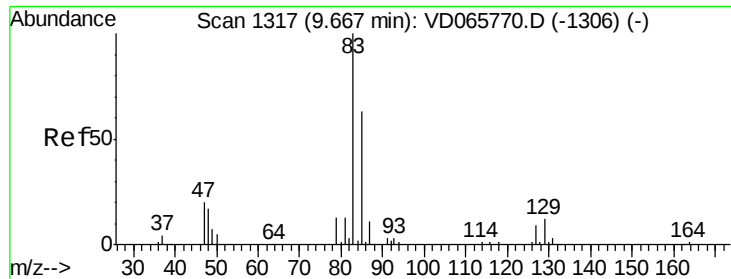
Tgt Ion: 63 Resp: 11253
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.2 36.2



#46
 Dibromomethane
 Concen: 4.97 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Tgt Ion: 93 Resp: 6100
 Ion Ratio Lower Upper
 93 100
 95 77.4 65.8 98.6
 174 102.3 80.9 121.3

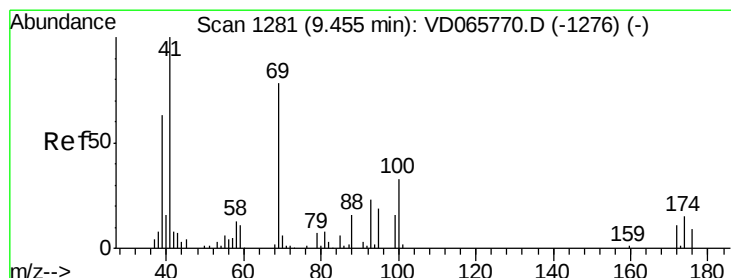
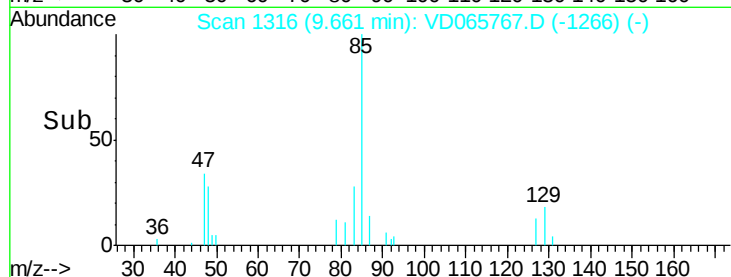
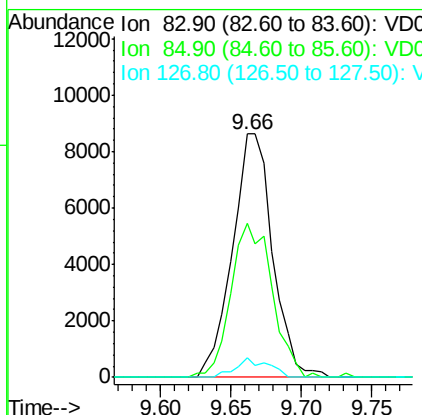
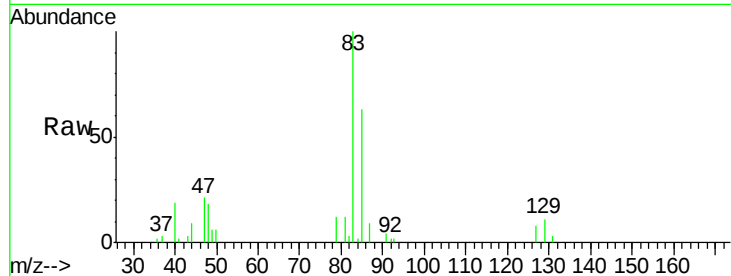




#47
 Bromodichloromethane
 Concen: 5.19 ug/l
 RT: 9.66 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

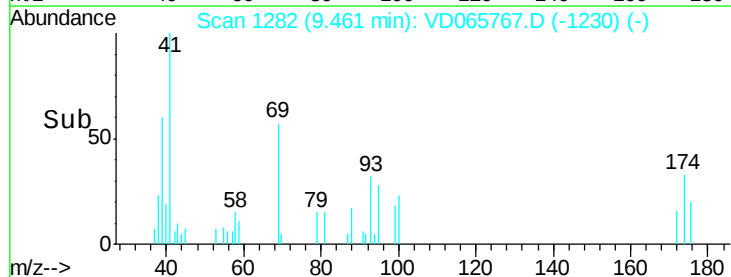
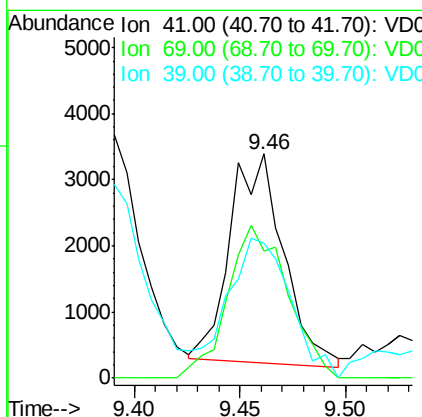
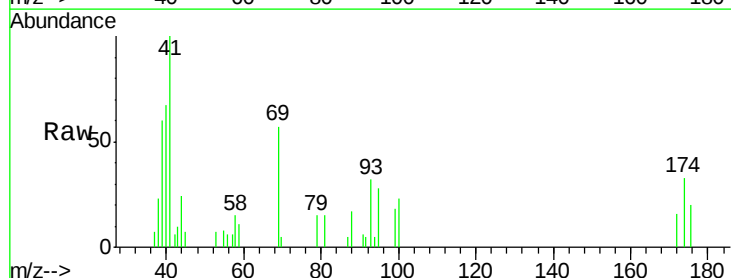
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

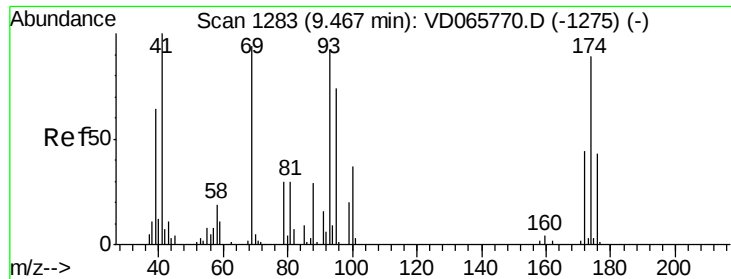
Tgt Ion: 83 Resp: 17164
 Ion Ratio Lower Upper
 83 100
 85 63.2 50.7 76.1
 127 8.1 7.1 10.7



#48
 Methyl methacrylate
 Concen: 4.43 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Tgt Ion: 41 Resp: 5510
 Ion Ratio Lower Upper
 41 100
 69 82.5 60.9 91.3
 39 79.7 48.1 72.1#

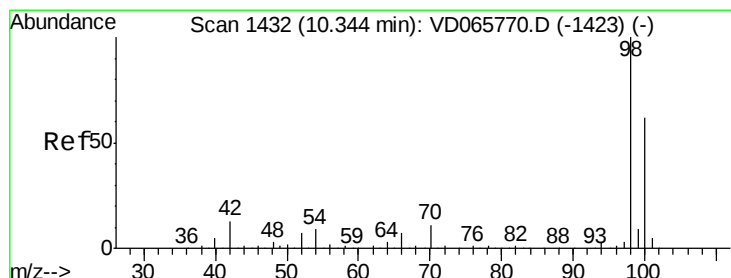
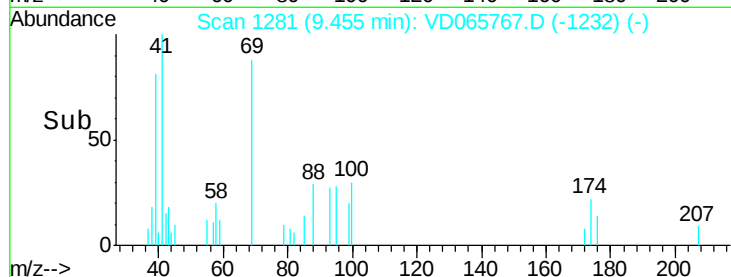
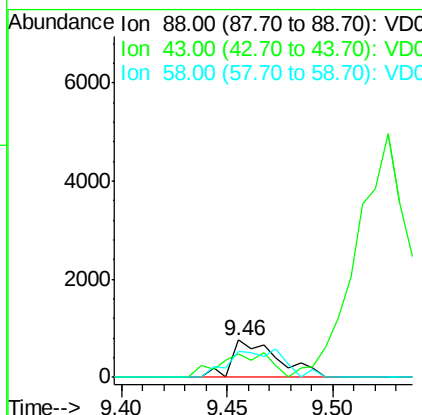
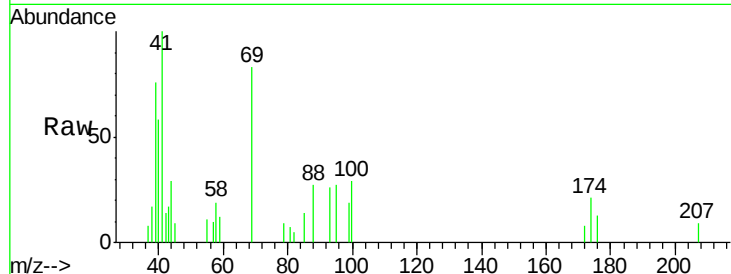




#49
1,4-Dioxane
Concen: 89.14 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

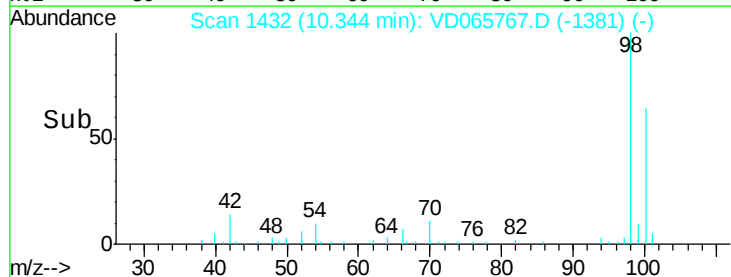
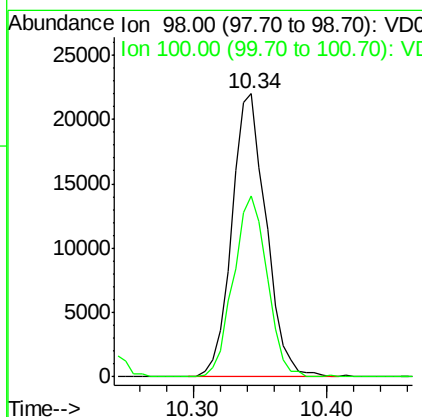
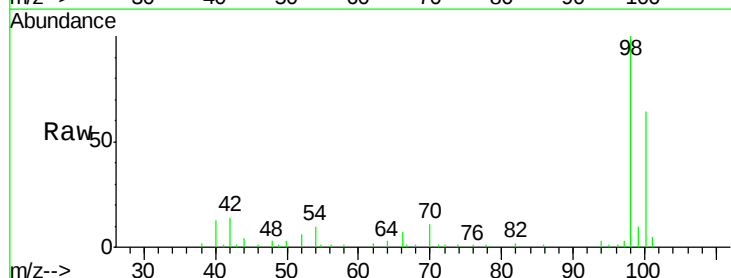
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

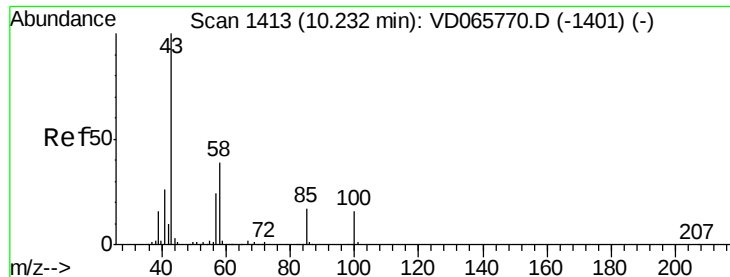
Tgt Ion: 88 Resp: 1150
Ion Ratio Lower Upper
88 100
43 71.1 32.2 48.4#
58 89.9 54.9 82.3#



#50
Toluene-d8
Concen: 5.02 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 98 Resp: 39245
Ion Ratio Lower Upper
98 100
100 62.7 51.4 77.2

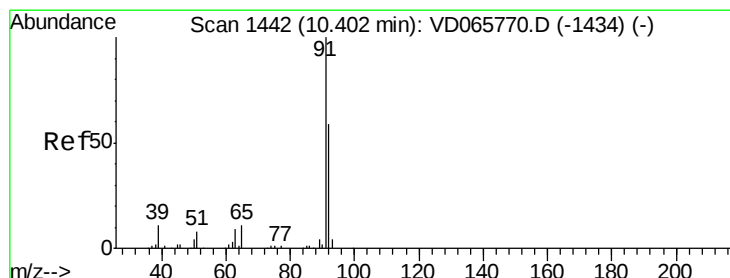
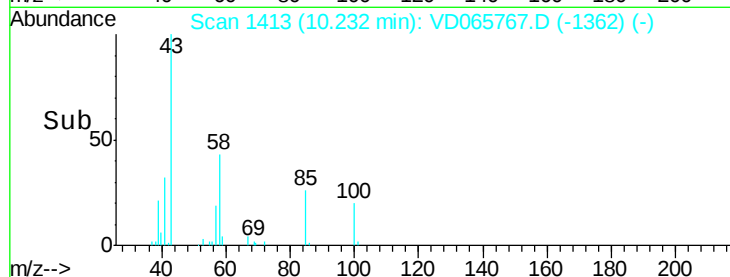
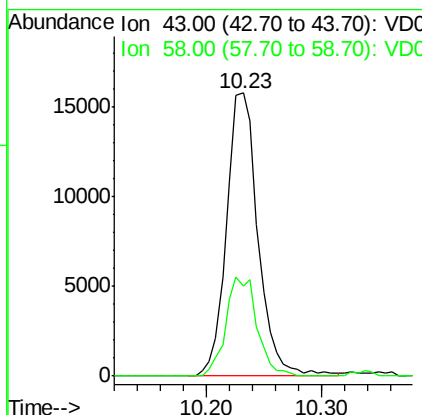
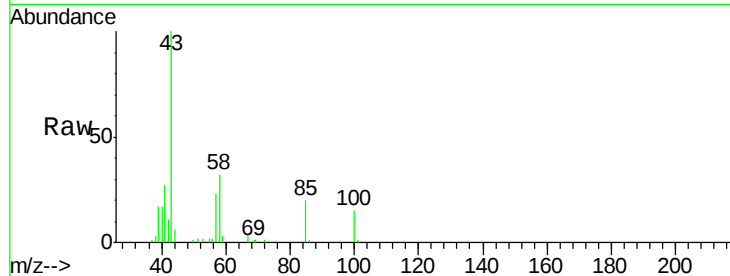




#51
 4-Methyl-2-Pentanone
 Concen: 24.15 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

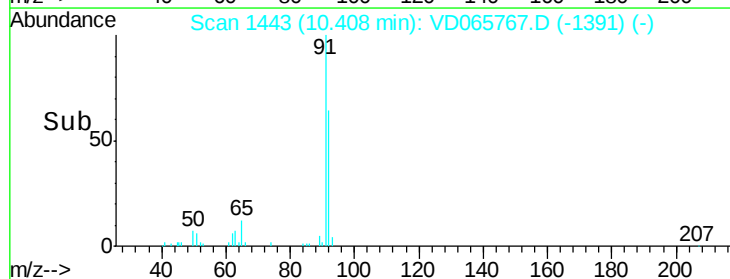
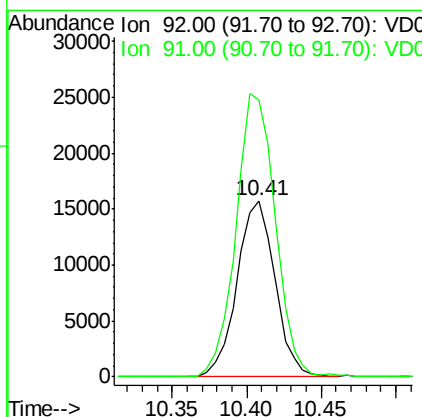
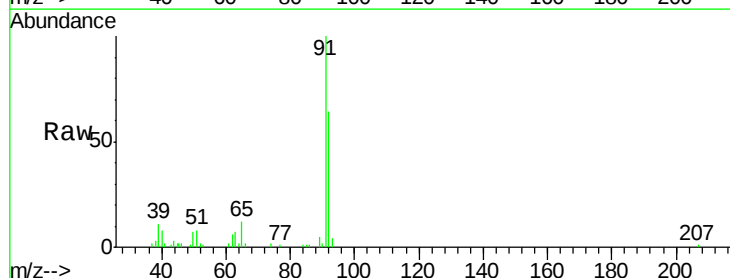
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

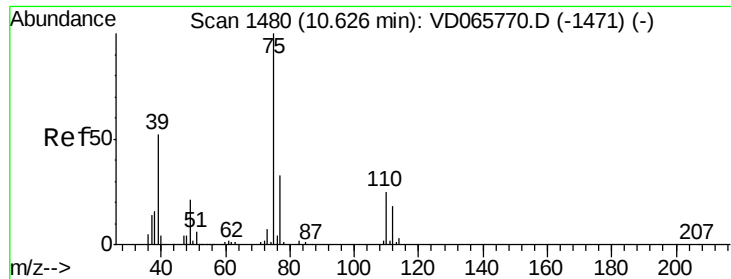
Tgt Ion: 43 Resp: 29929
 Ion Ratio Lower Upper
 43 100
 58 34.4 30.7 46.1



#52
 Toluene
 Concen: 4.83 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Tgt Ion: 92 Resp: 27848
 Ion Ratio Lower Upper
 92 100
 91 165.4 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 4.74 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

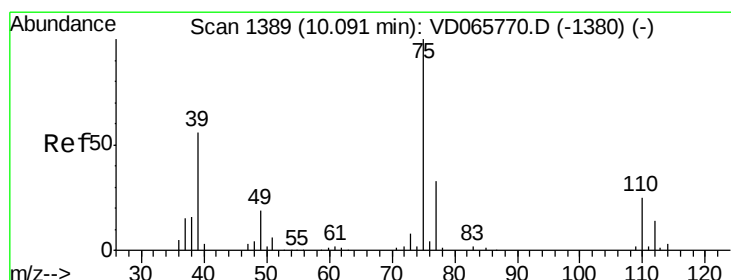
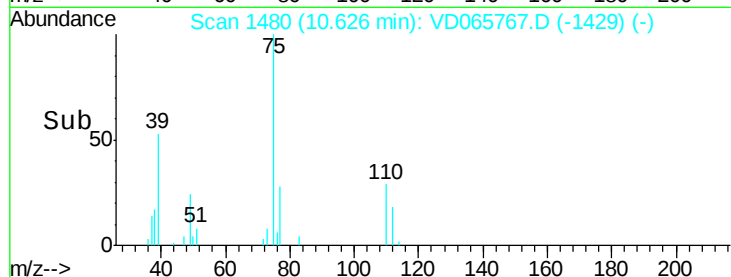
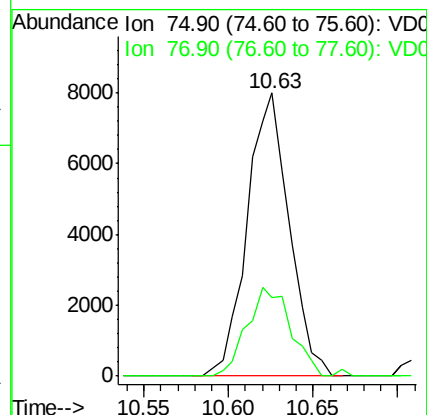
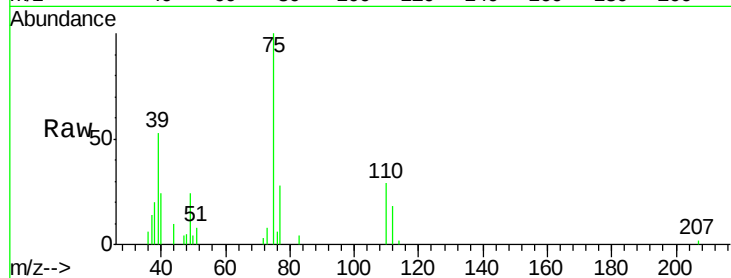
VSTDIC005

Tgt Ion: 75 Resp: 13797

Ion Ratio Lower Upper

75 100

77 27.6 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 4.49 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

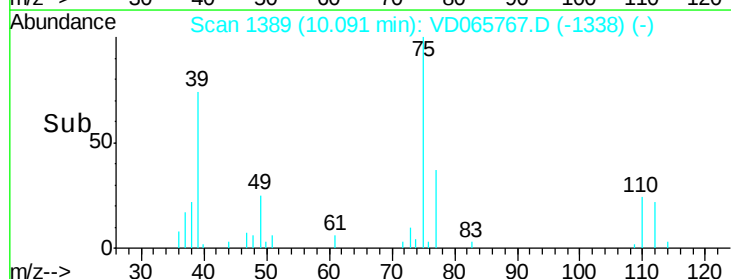
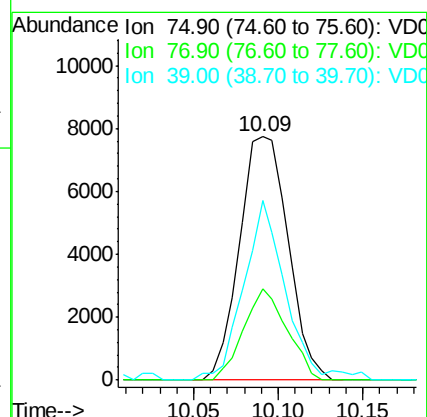
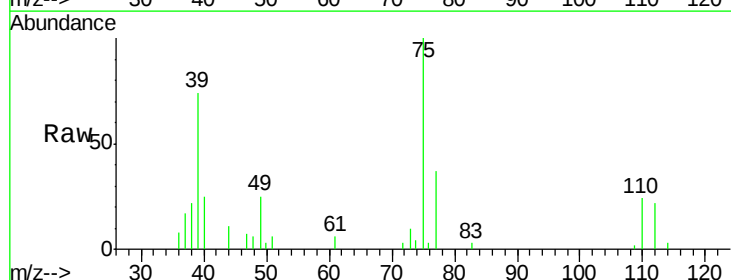
Tgt Ion: 75 Resp: 15512

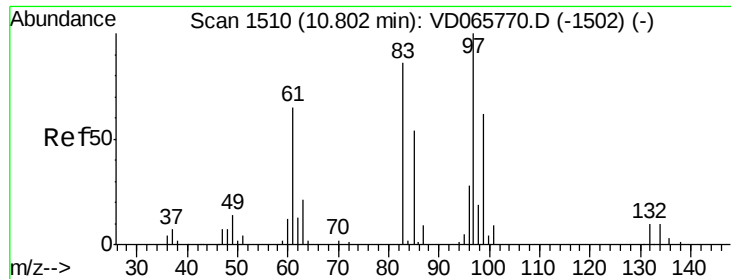
Ion Ratio Lower Upper

75 100

77 37.2 26.0 39.0

39 73.5 45.0 67.6#

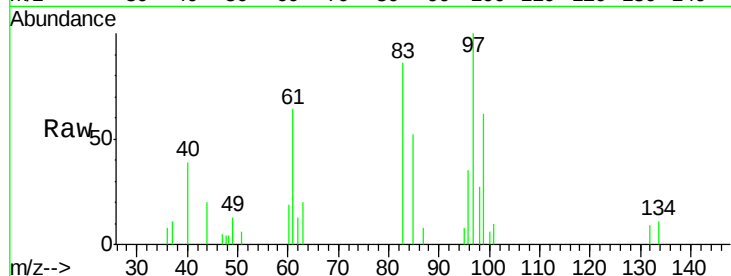




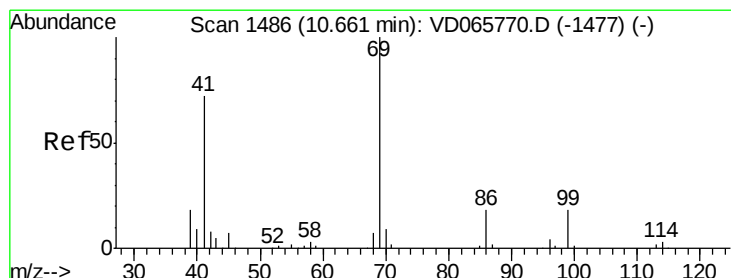
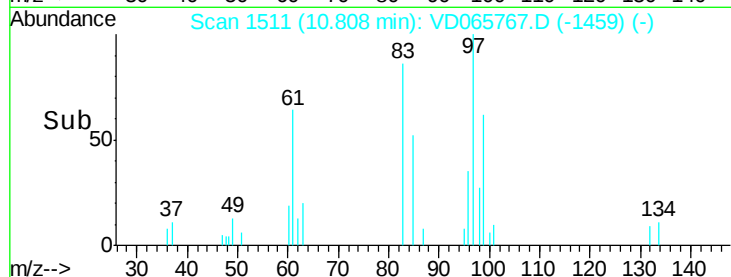
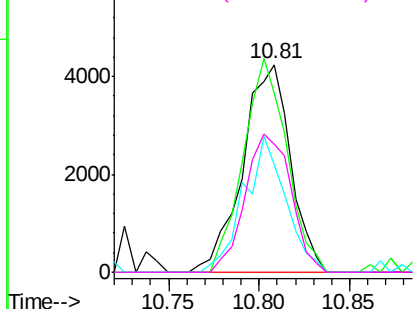
#55
 1,1,2-Trichloroethane
 Concen: 4.78 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 97 Resp: 7786
 Ion Ratio Lower Upper
 97 100
 83 85.9 68.7 103.1
 85 51.9 43.0 64.6
 99 61.7 49.8 74.6

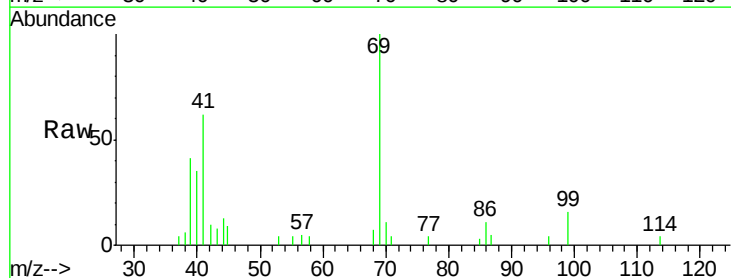


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

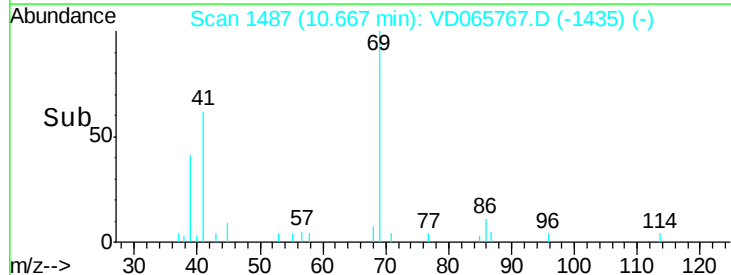
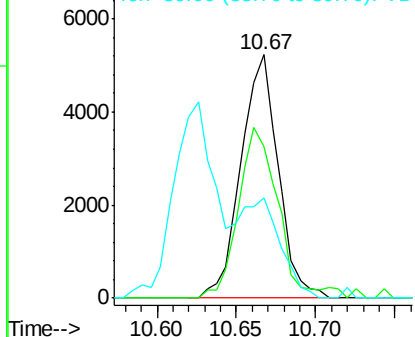


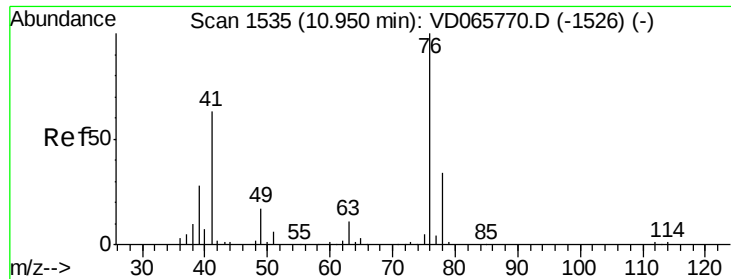
#56
 Ethyl methacrylate
 Concen: 4.63 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Tgt Ion: 69 Resp: 8556
 Ion Ratio Lower Upper
 69 100
 41 75.7 56.9 85.3
 39 40.6 36.0 54.0



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

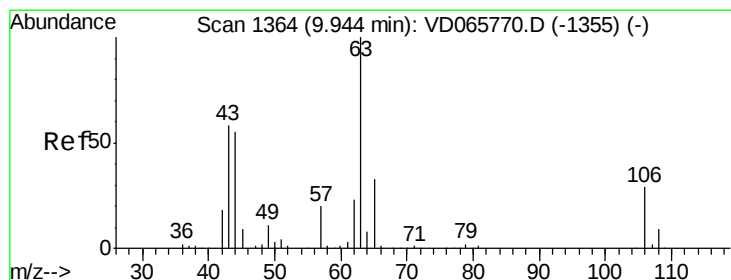
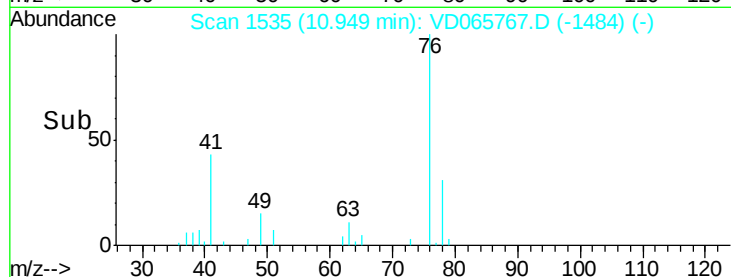
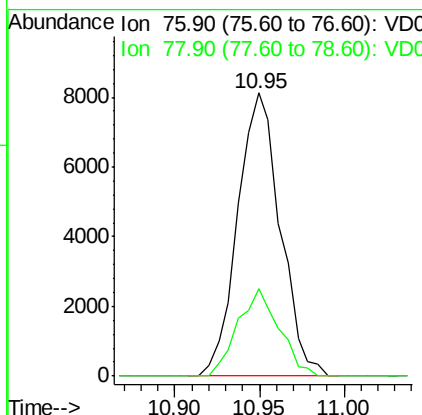
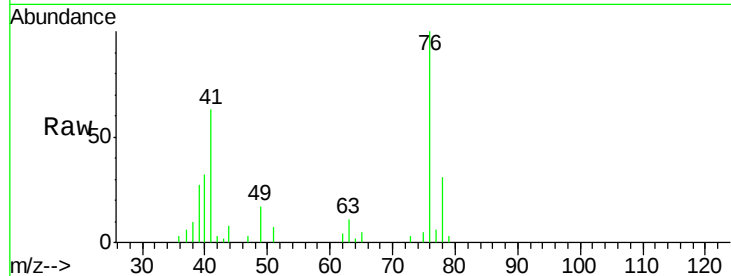




#57
 1,3-Dichloropropane
 Concen: 5.04 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

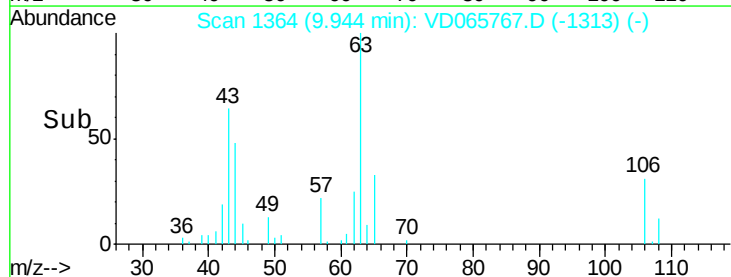
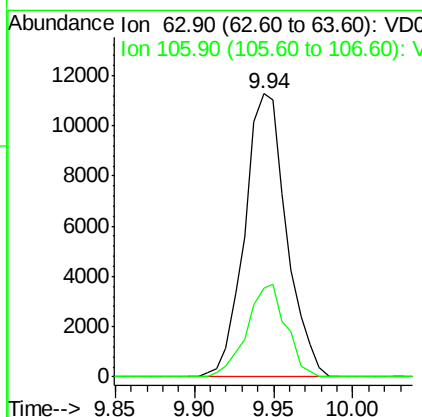
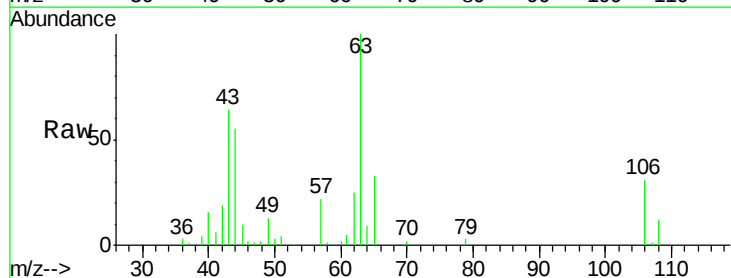
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

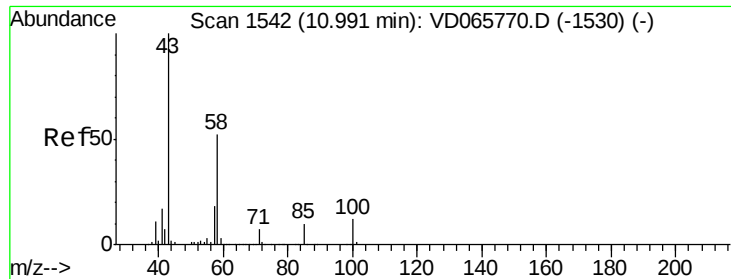
Tgt Ion: 76 Resp: 14242
 Ion Ratio Lower Upper
 76 100
 78 29.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.87 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Tgt Ion: 63 Resp: 20679
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.2 34.8

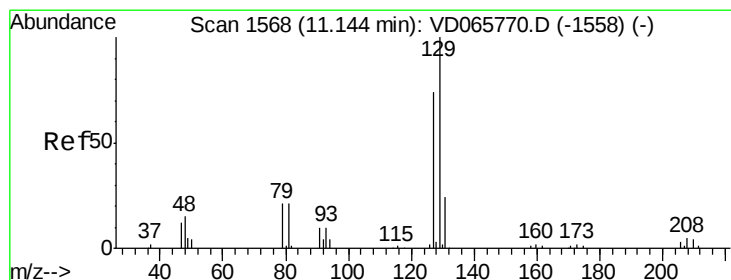
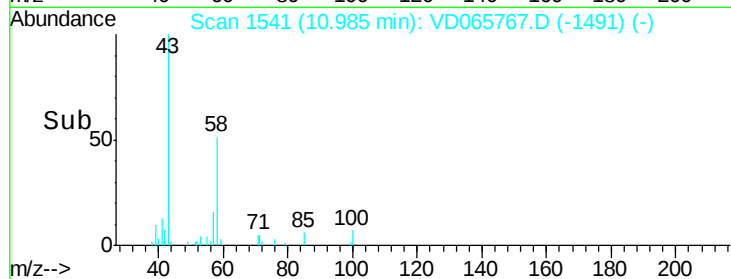
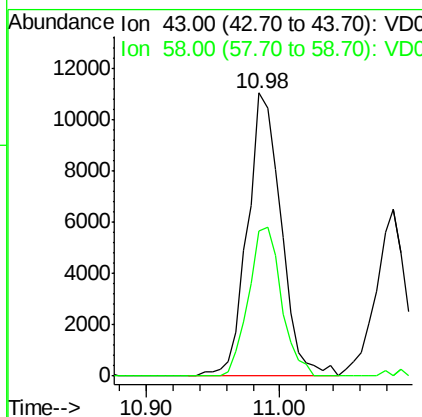
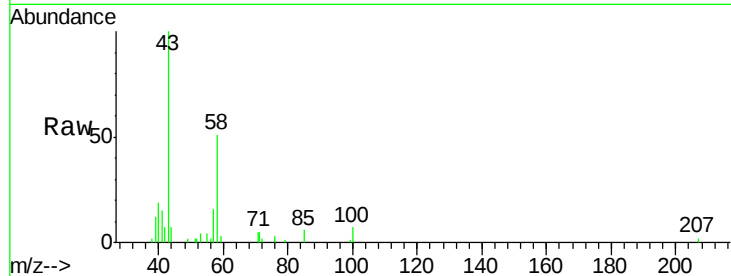




#59
2-Hexanone
Concen: 23.19 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

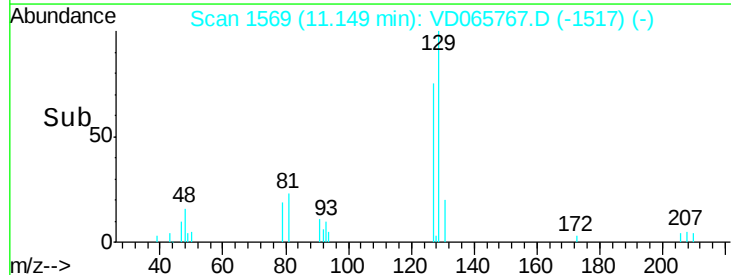
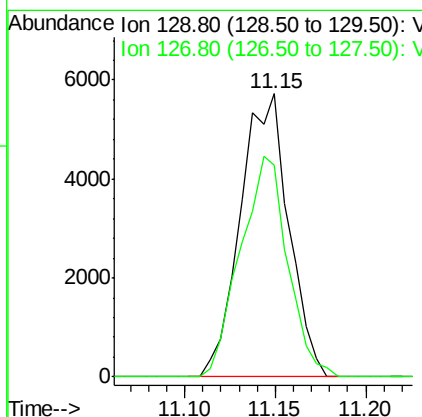
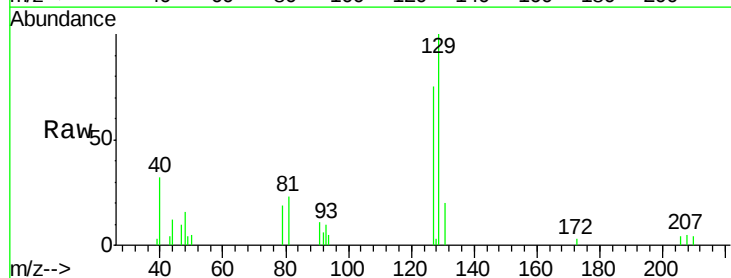
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

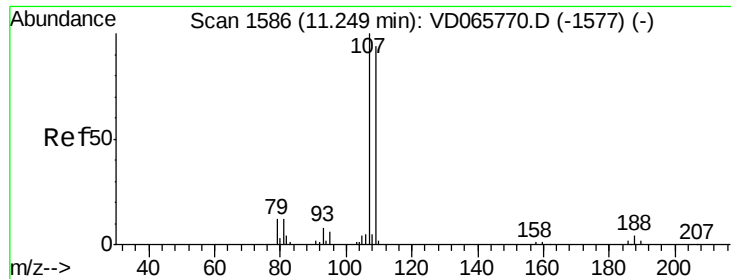
Tgt Ion: 43 Resp: 19155
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0



#60
Dibromochloromethane
Concen: 4.85 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 129 Resp: 10630
Ion Ratio Lower Upper
129 100
127 76.1 38.0 113.9

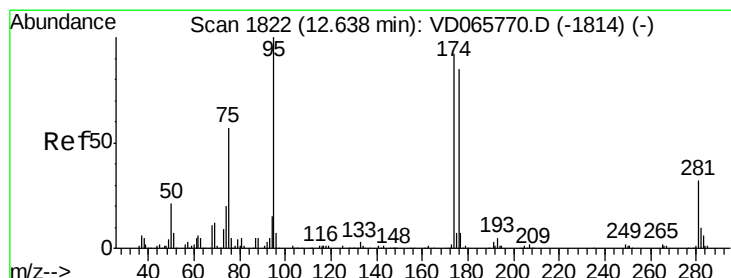
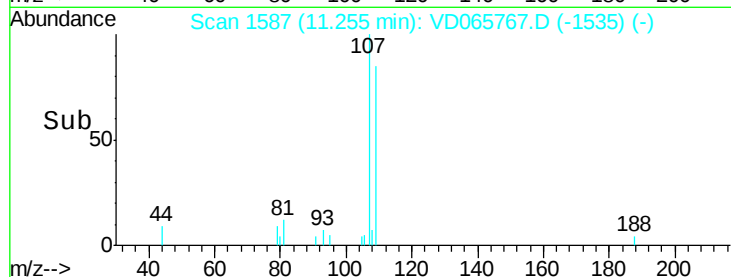
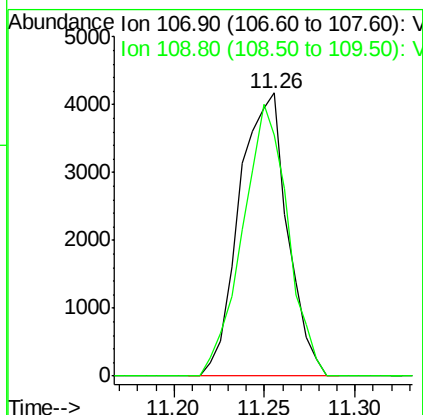
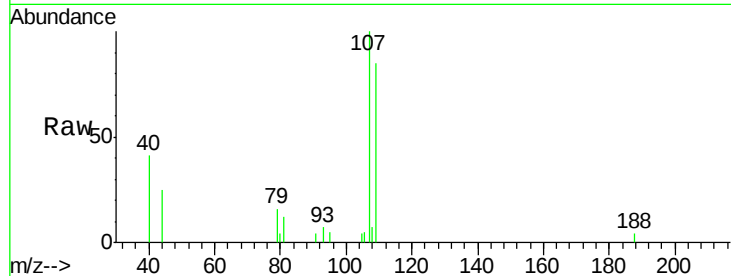




#61
 1,2-Dibromoethane
 Concen: 4.84 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

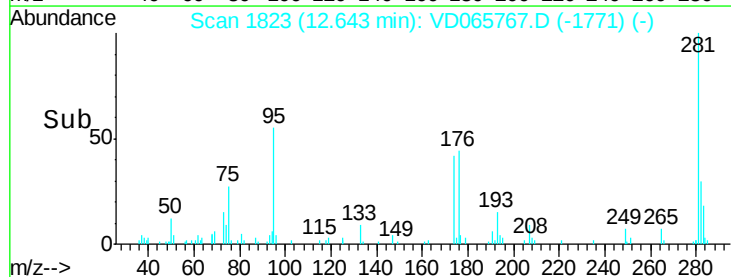
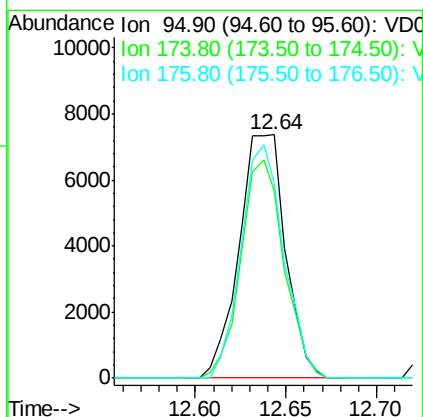
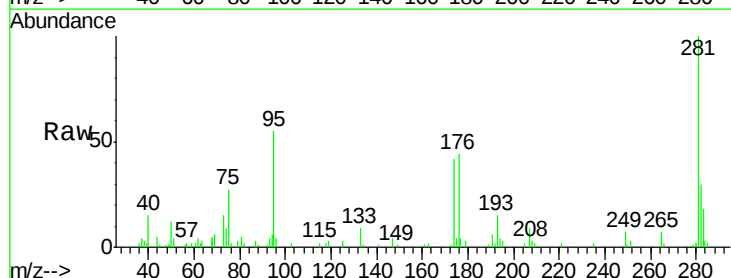
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

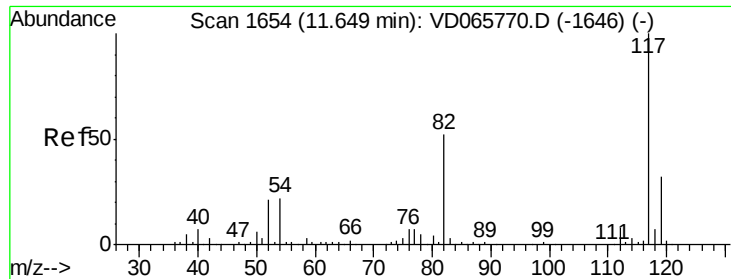
Tgt Ion: 107 Resp: 7694
 Ion Ratio Lower Upper
 107 100
 109 90.7 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 4.96 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Tgt Ion: 95 Resp: 13166
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 175.2
 176 87.6 0.0 163.0

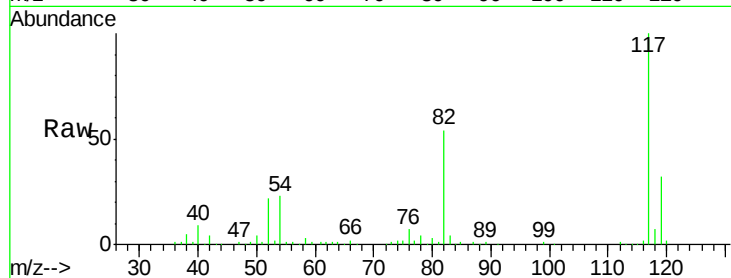




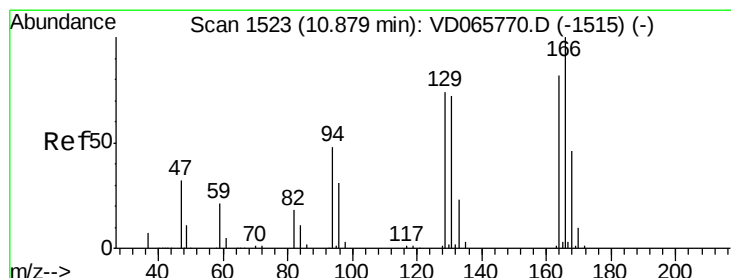
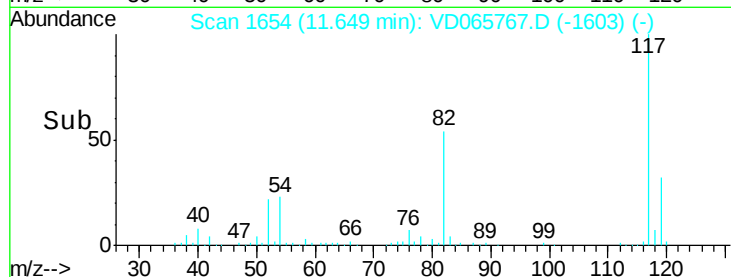
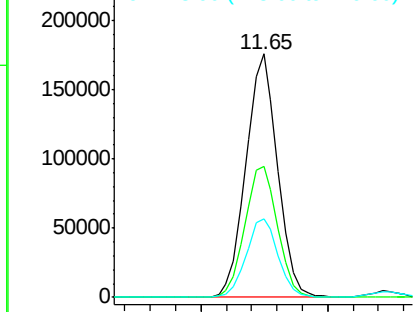
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 304410
Ion Ratio Lower Upper
117 100
82 53.9 41.9 62.9
119 32.2 25.3 37.9

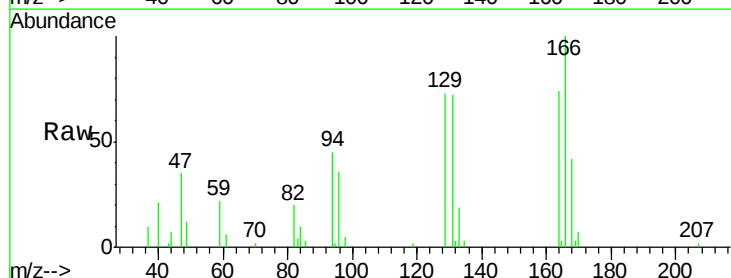


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

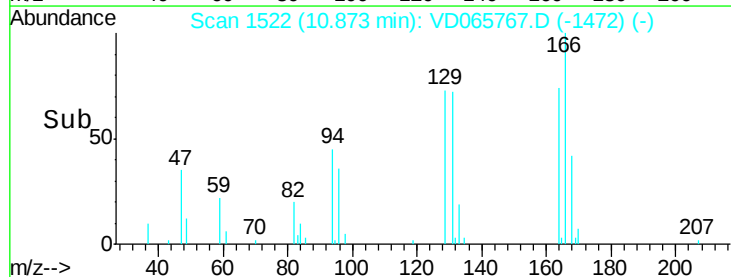
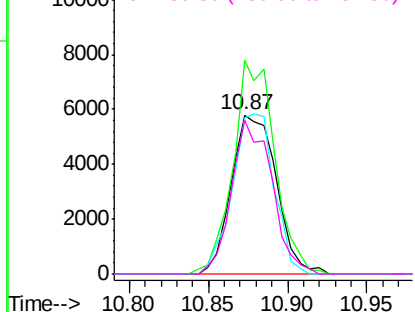


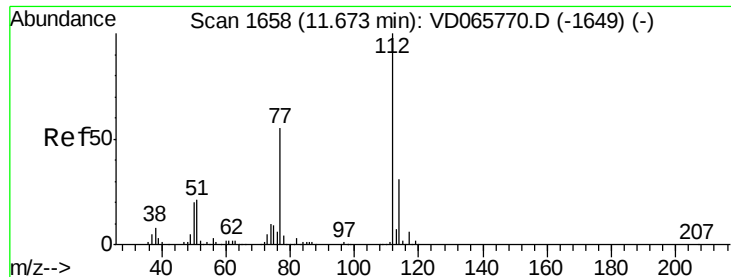
#64
Tetrachloroethene
Concen: 5.42 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion:164 Resp: 11426
Ion Ratio Lower Upper
164 100
166 134.4 98.2 147.2
129 98.3 72.3 108.5
131 96.4 70.5 105.7



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

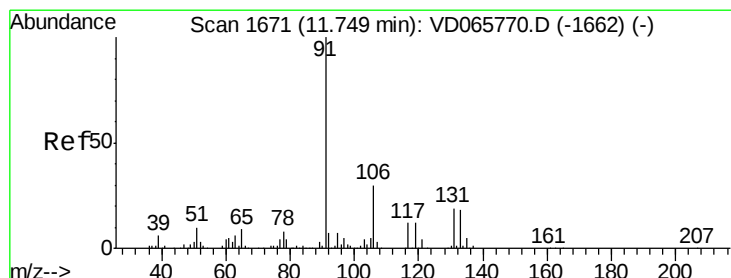
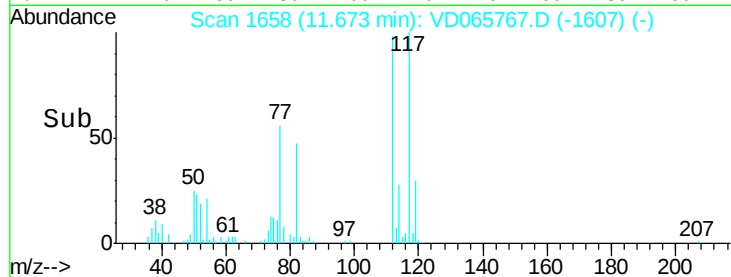
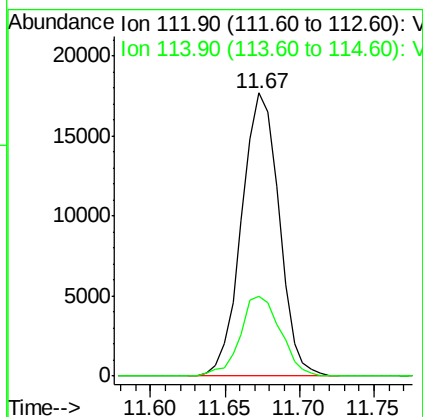
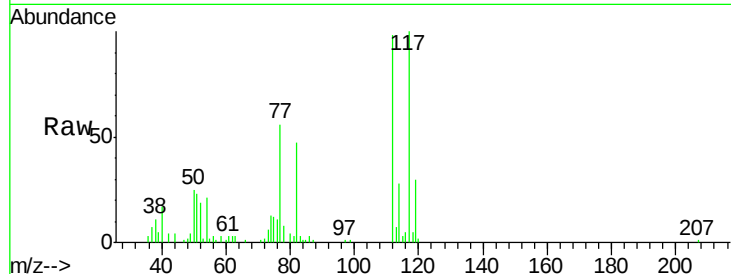




#65
Chlorobenzene
Concen: 5.12 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

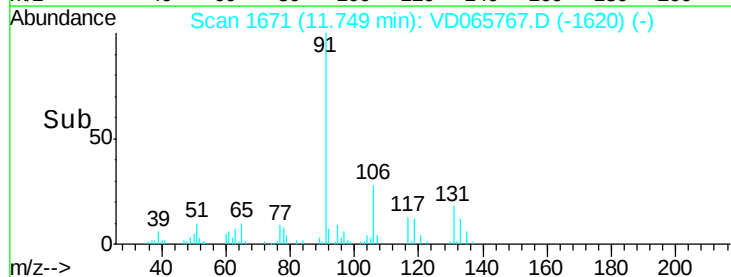
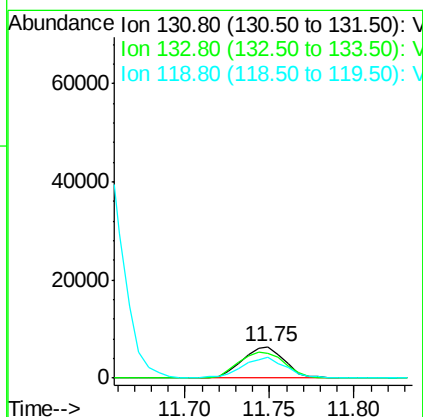
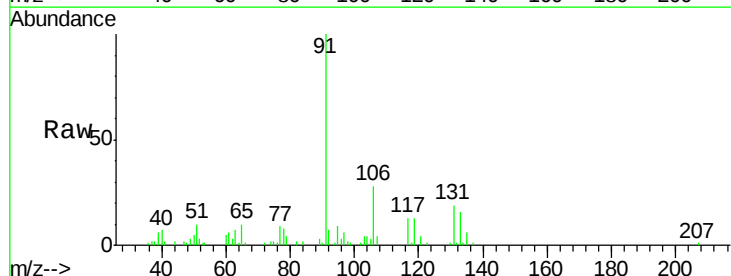
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

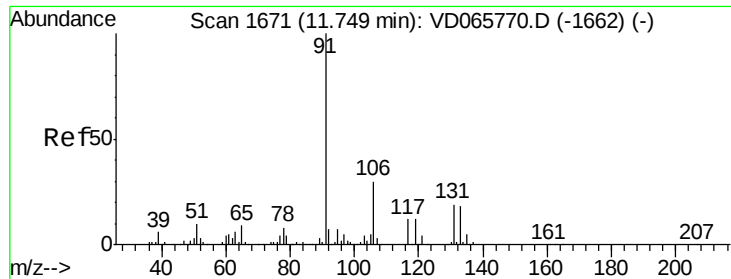
Tgt Ion:112 Resp: 30808
Ion Ratio Lower Upper
112 100
114 28.2 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 4.97 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion:131 Resp: 11081
Ion Ratio Lower Upper
131 100
133 91.1 47.3 141.9
119 68.2 31.6 94.8





#67

Ethyl Benzene

Concen: 4.86 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

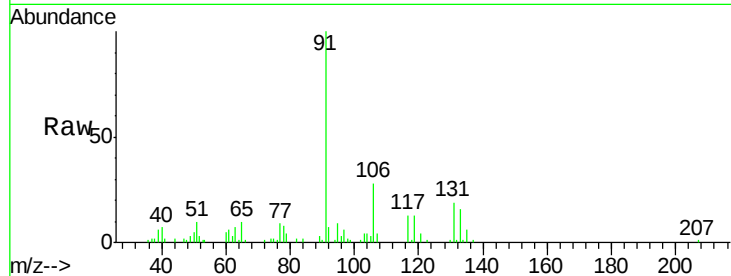
VSTDIC005

Tgt Ion: 91 Resp: 51772

Ion Ratio Lower Upper

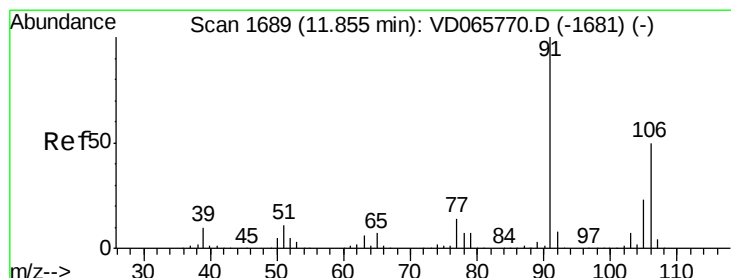
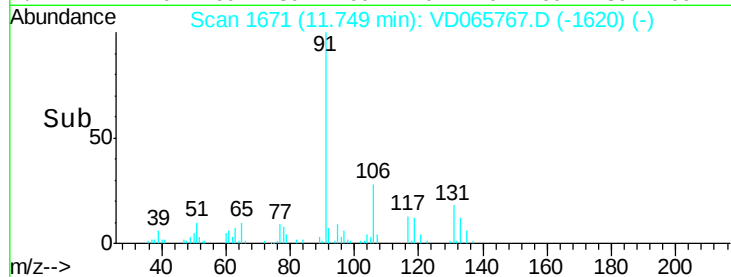
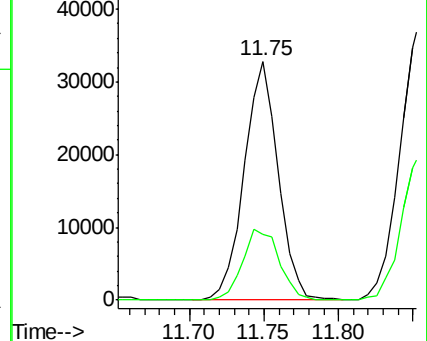
91 100

106 27.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 9.44 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065767.D

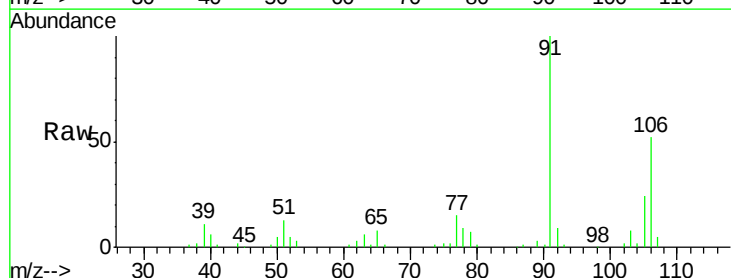
Acq: 05 Jun 2020 10:30

Tgt Ion: 106 Resp: 38693

Ion Ratio Lower Upper

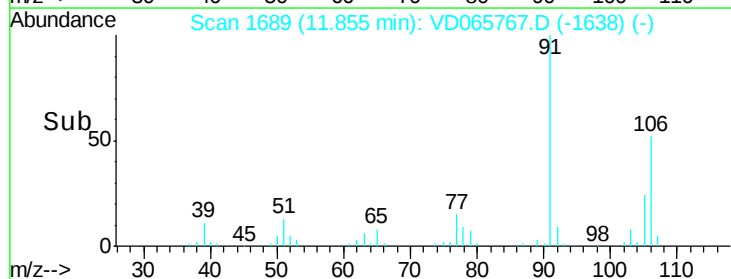
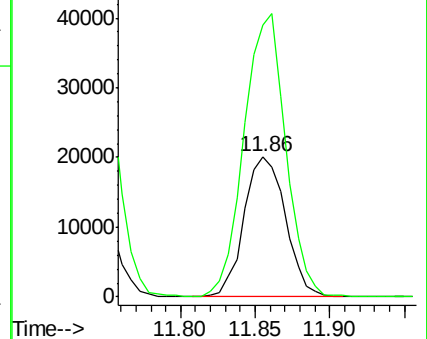
106 100

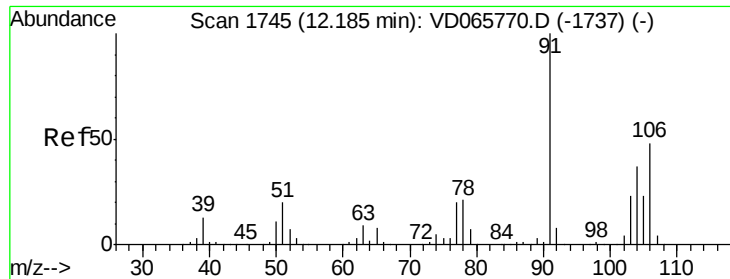
91 202.3 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

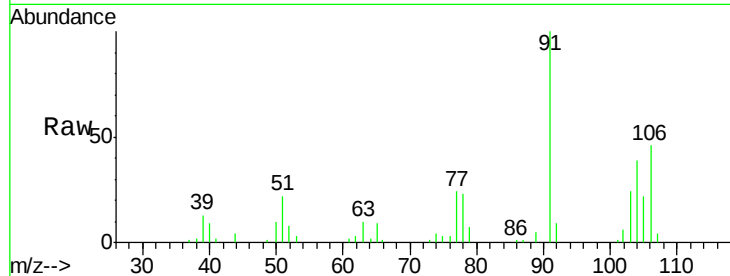




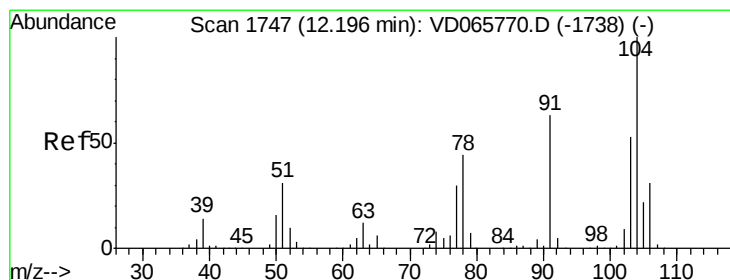
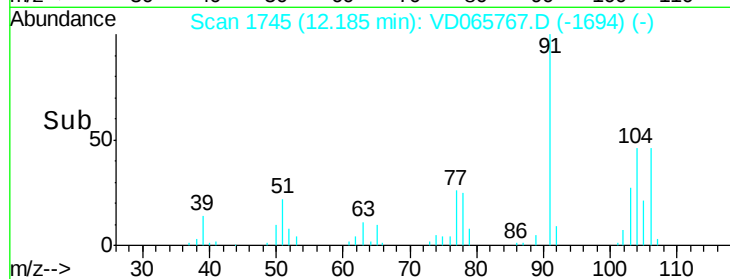
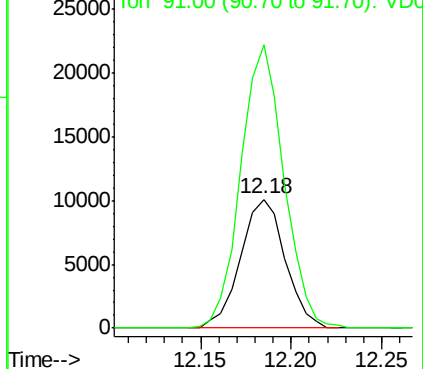
#69
o-Xylene
Concen: 4.75 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 17285
Ion Ratio Lower Upper
106 100
91 212.5 105.3 315.8

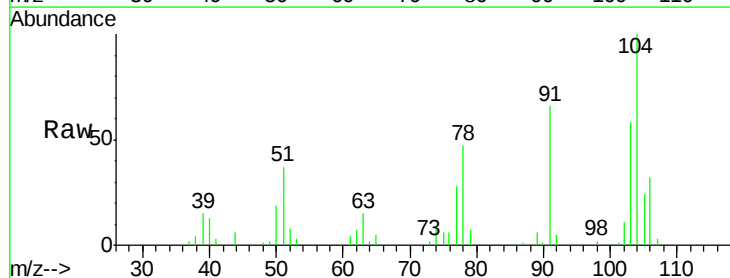


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

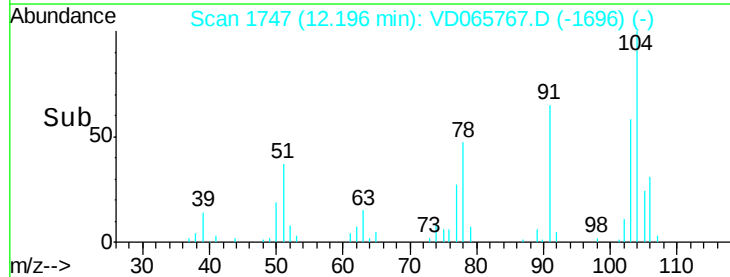
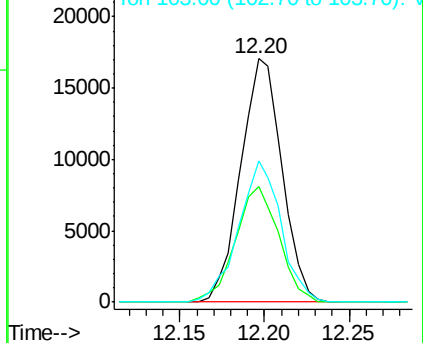


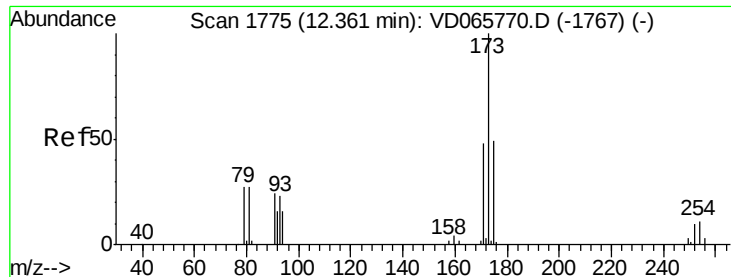
#70
Styrene
Concen: 4.60 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion:104 Resp: 28893
Ion Ratio Lower Upper
104 100
78 50.0 38.6 58.0
103 59.4 43.9 65.9



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

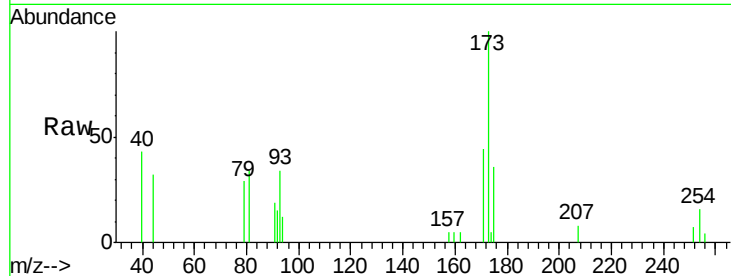




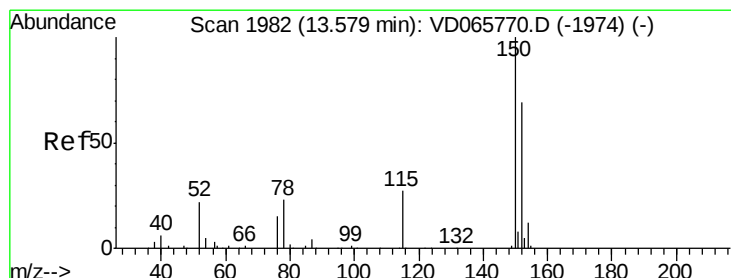
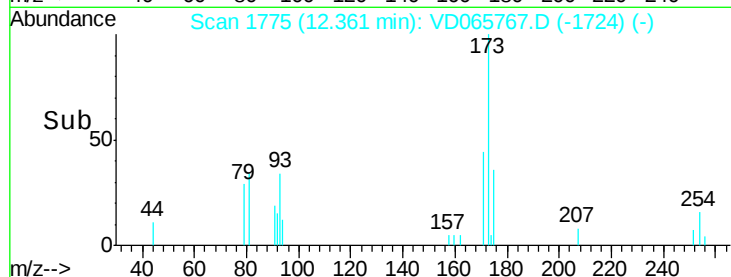
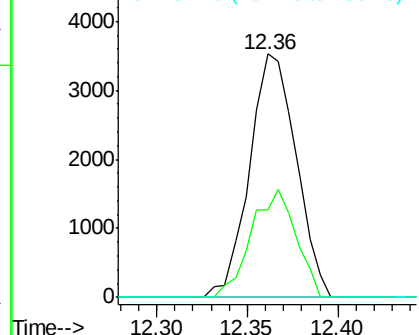
#71
Bromoform
Concen: 5.18 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 6312
Ion Ratio Lower Upper
173 100
175 42.5 24.8 74.4
254 0.0 0.0 0.0

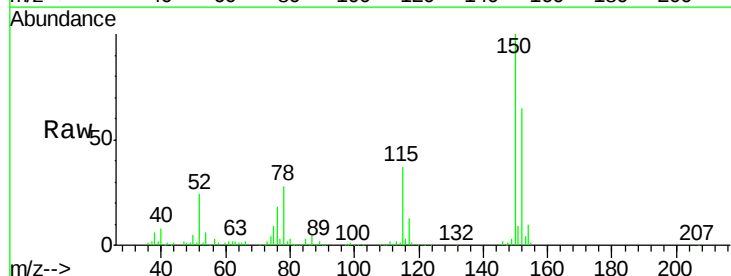


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

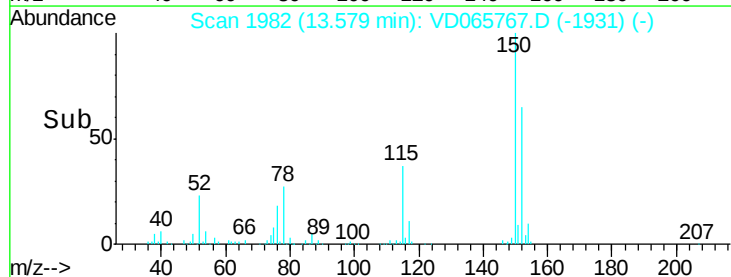
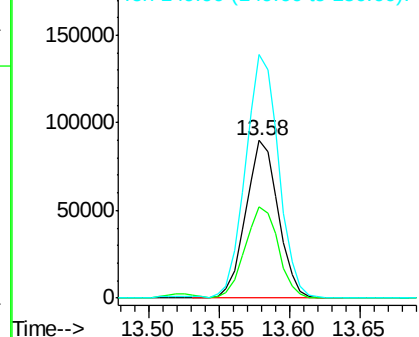


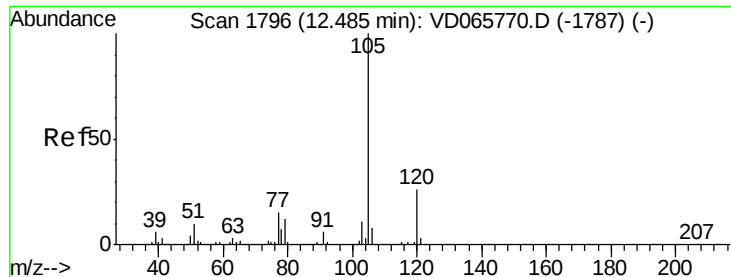
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion:152 Resp: 145131
Ion Ratio Lower Upper
152 100
115 59.1 28.7 86.1
150 157.7 0.0 348.0



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: 4.96 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

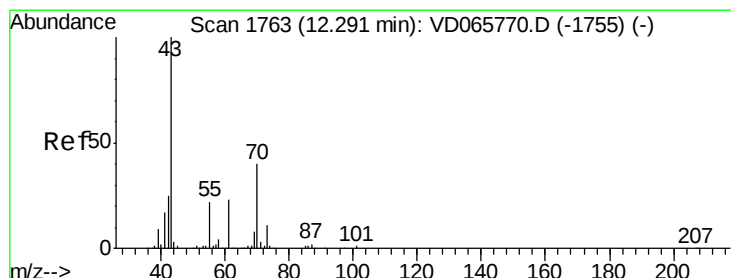
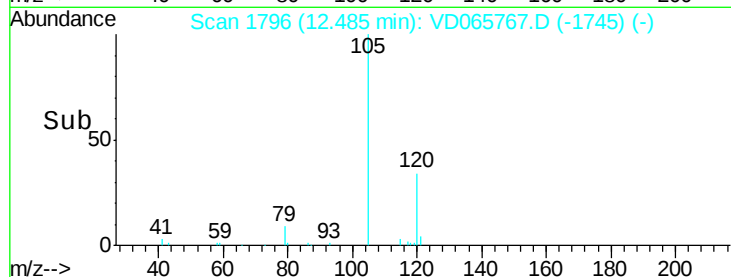
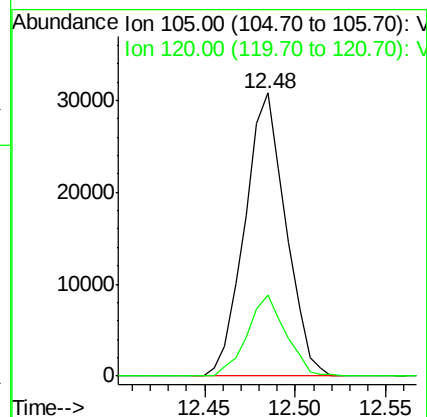
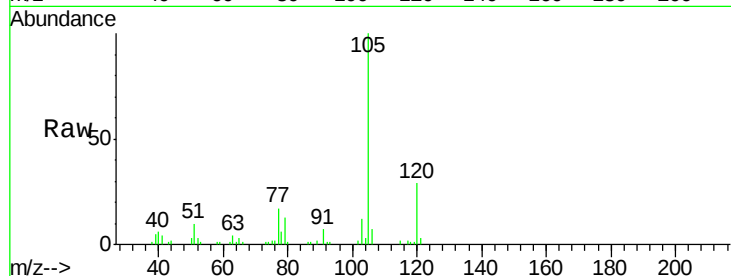
VSTDIC005

Tgt Ion:105 Resp: 48502

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 4.99 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Tgt Ion: 43 Resp: 10820

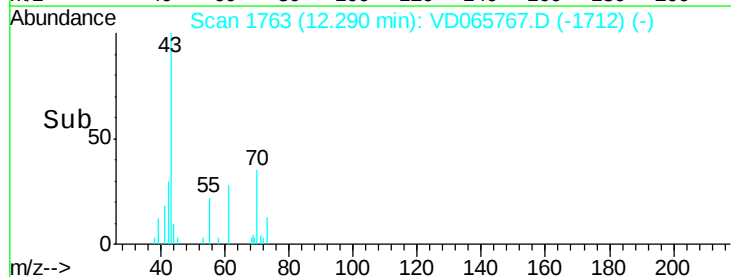
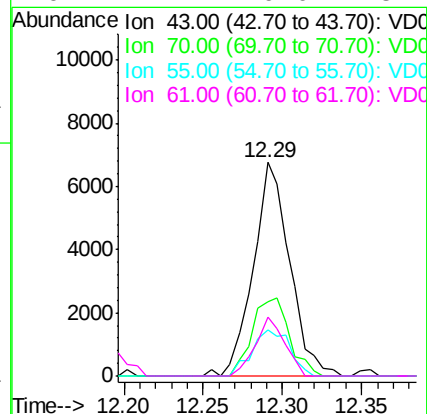
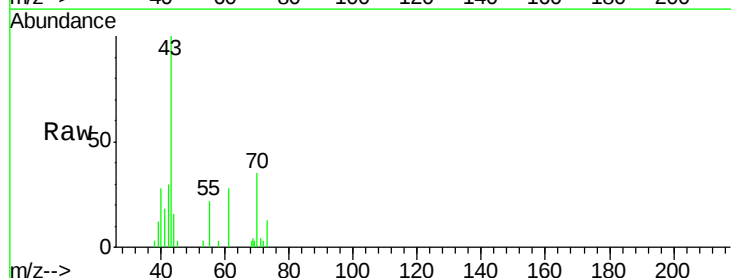
Ion Ratio Lower Upper

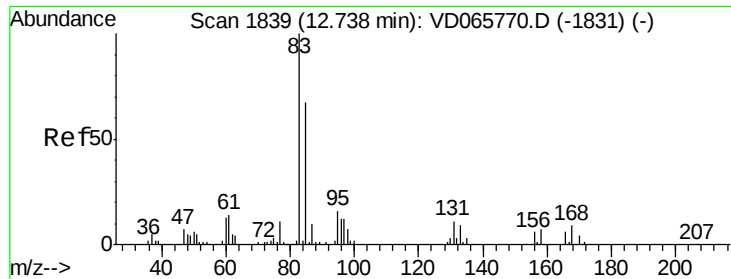
43 100

70 37.3 32.3 48.5

55 22.5 19.0 28.4

61 22.4 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.23 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

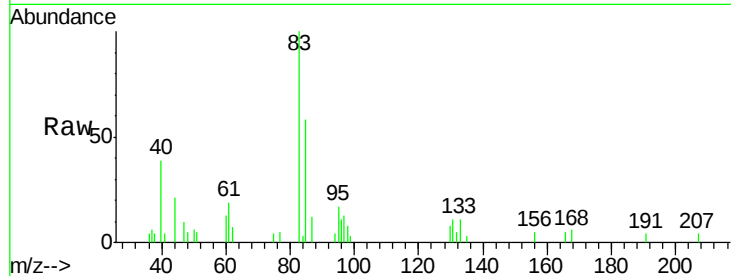
Tgt Ion: 83 Resp: 8884

Ion Ratio Lower Upper

83 100

131 8.7 5.5 16.4

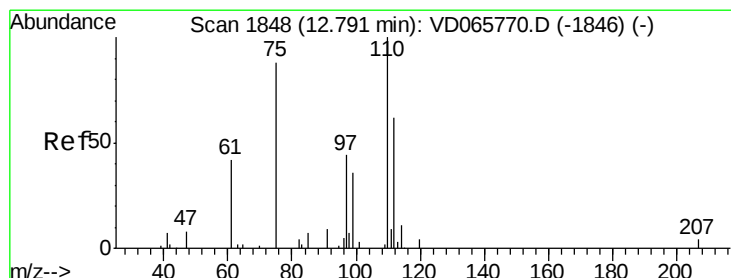
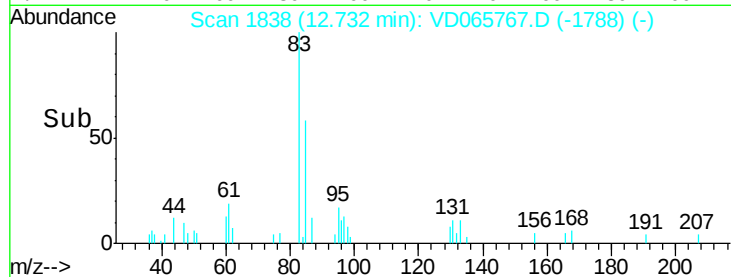
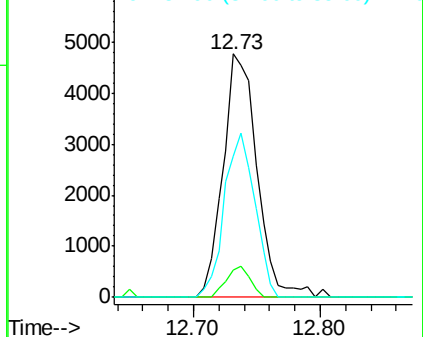
85 60.0 32.5 97.5



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: 5.20 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065767.D

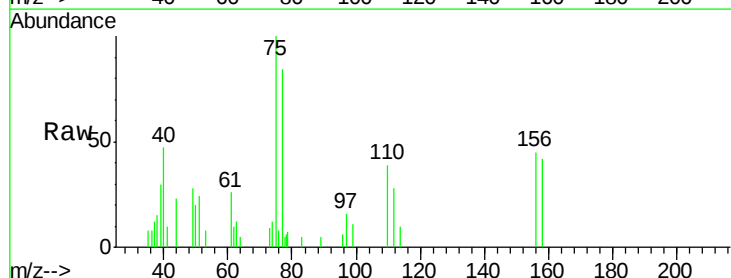
Acq: 05 Jun 2020 10:30

Tgt Ion: 75 Resp: 5908

Ion Ratio Lower Upper

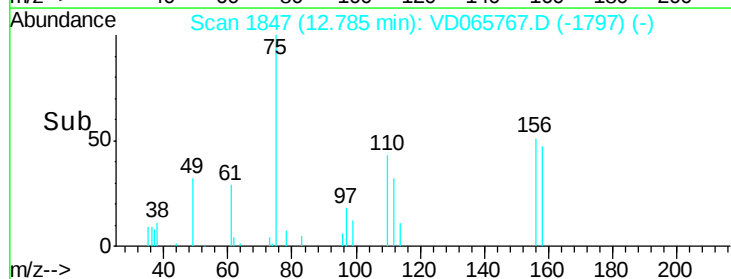
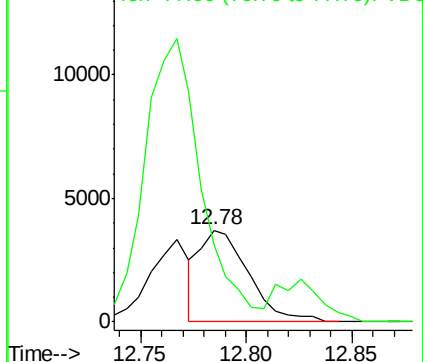
75 100

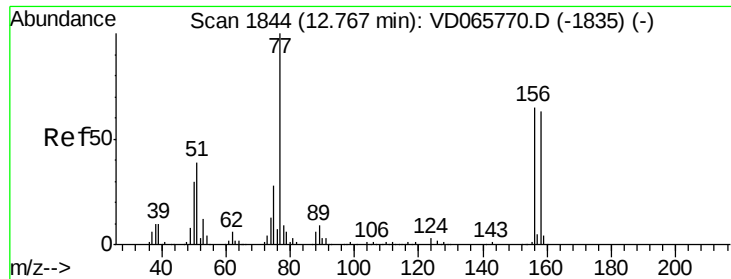
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 4.78 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

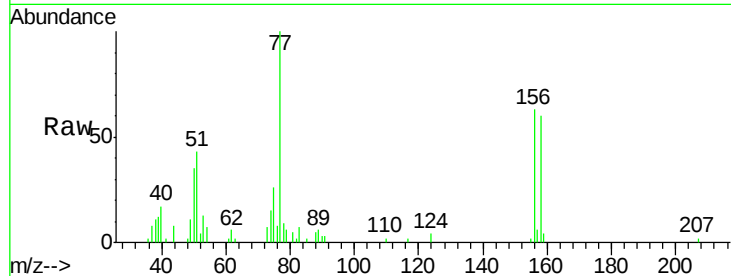
Tgt Ion:156 Resp: 11075

Ion Ratio Lower Upper

156 100

77 192.8 87.3 261.8

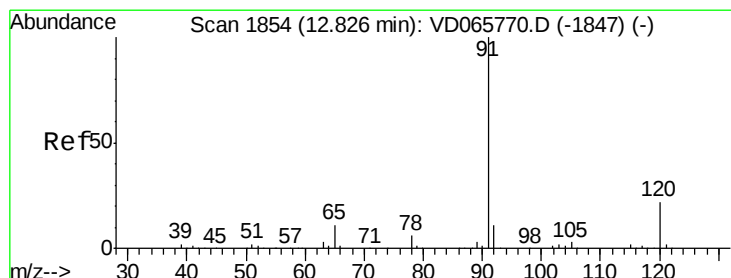
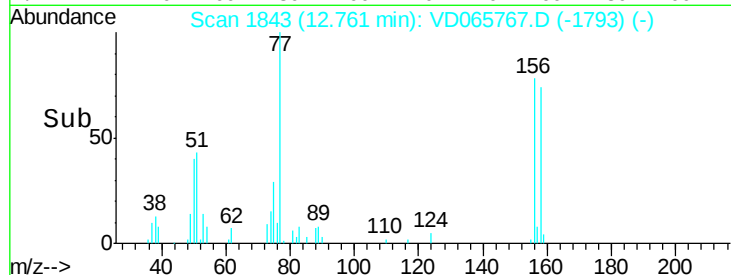
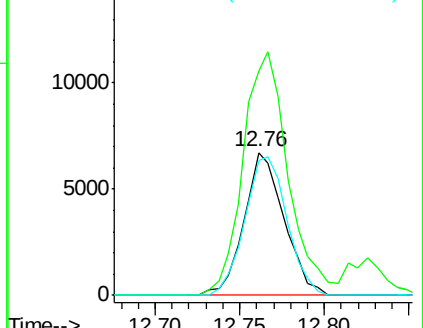
158 102.3 48.0 144.0



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: 4.94 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065767.D

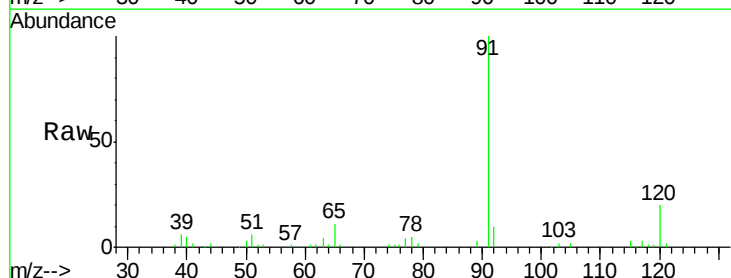
Acq: 05 Jun 2020 10:30

Tgt Ion: 91 Resp: 58664

Ion Ratio Lower Upper

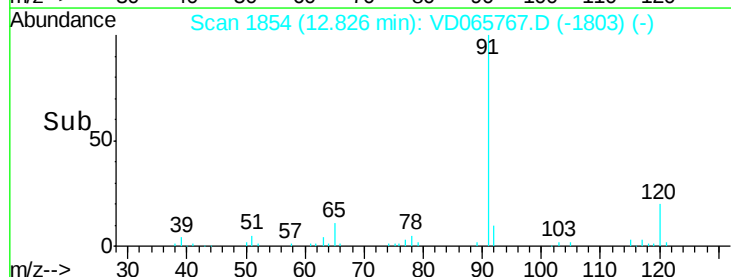
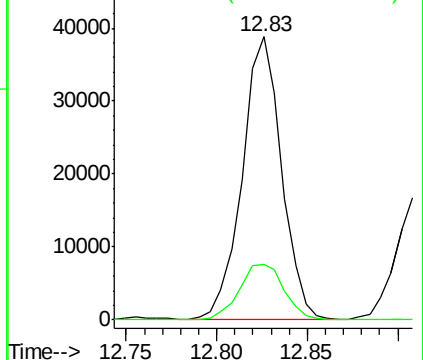
91 100

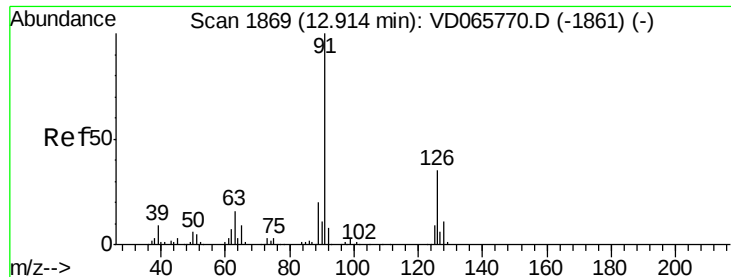
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.83 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

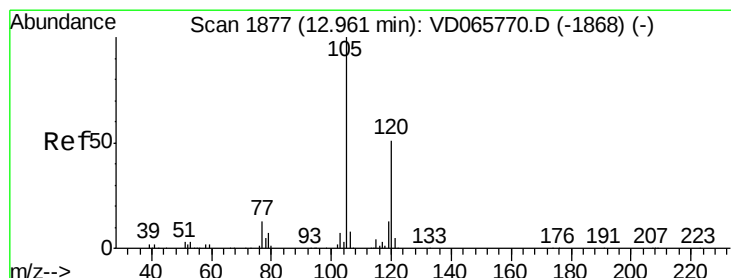
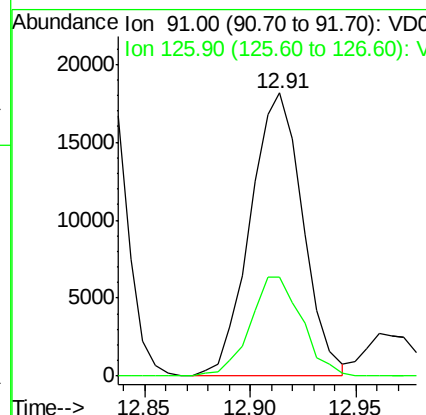
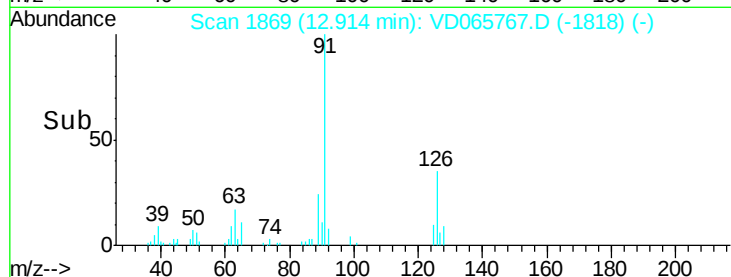
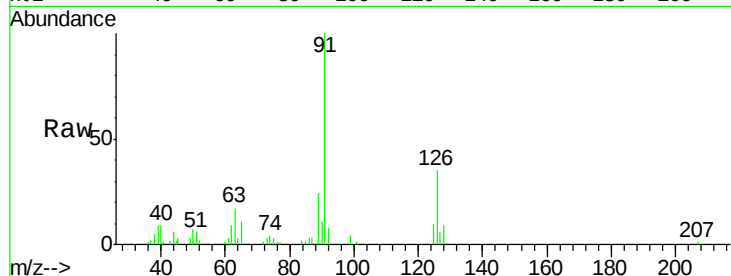
VSTDIC005

Tgt Ion: 91 Resp: 31441

Ion Ratio Lower Upper

91 100

126 34.1 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 4.87 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD065767.D

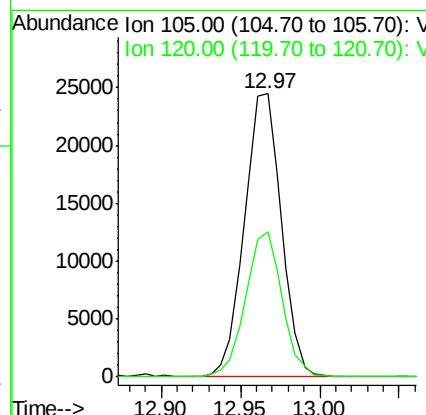
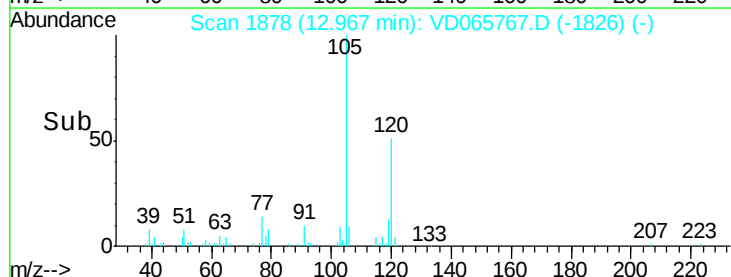
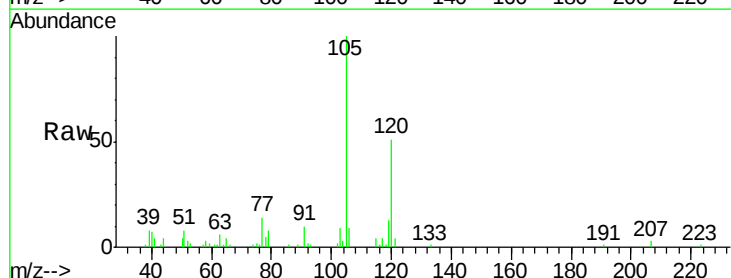
Acq: 05 Jun 2020 10:30

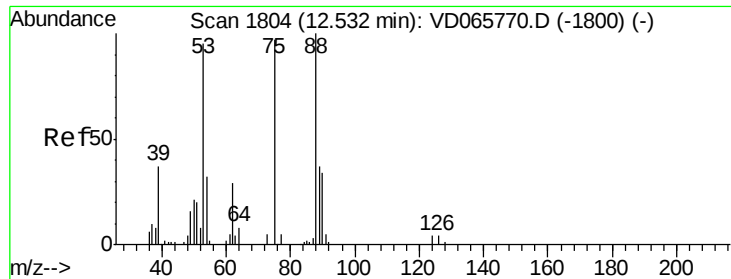
Tgt Ion: 105 Resp: 39600

Ion Ratio Lower Upper

105 100

120 50.7 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 4.89 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

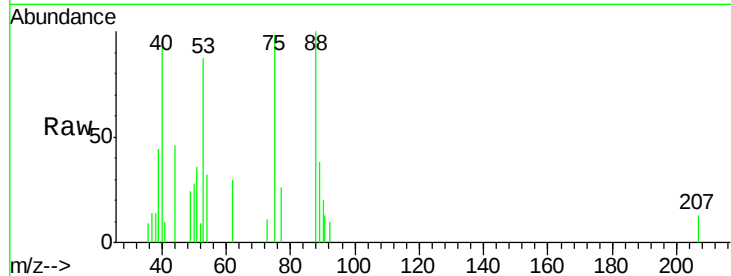
Tgt Ion: 75 Resp: 2520

Ion Ratio Lower Upper

75 100

53 102.0 82.6 123.8

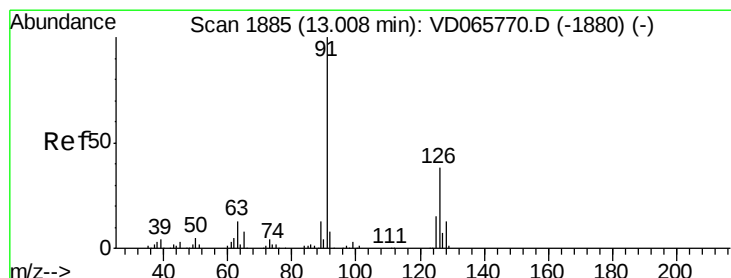
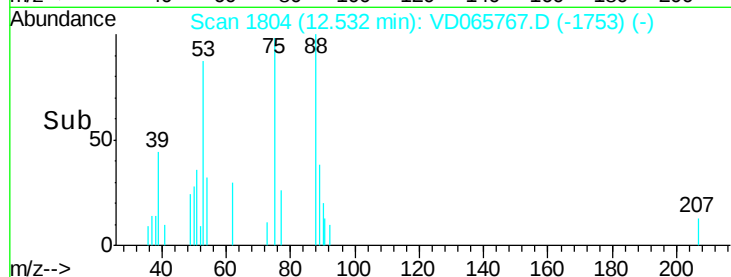
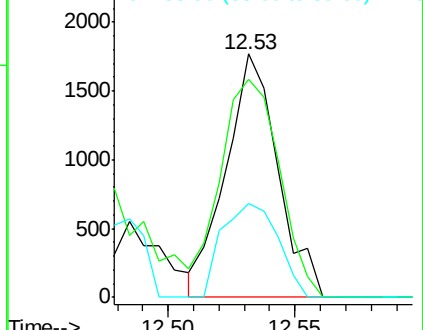
89 41.7 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 4.99 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065767.D

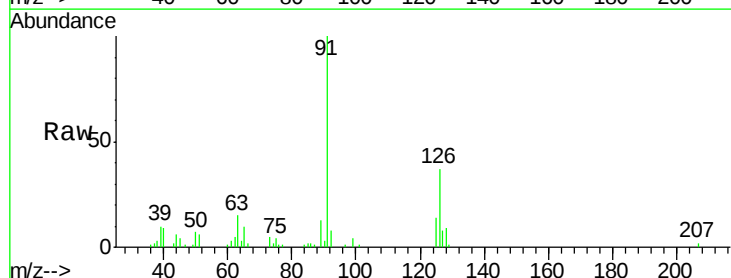
Acq: 05 Jun 2020 10:30

Tgt Ion: 91 Resp: 35088

Ion Ratio Lower Upper

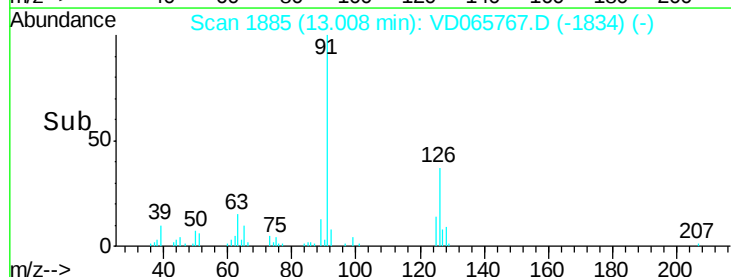
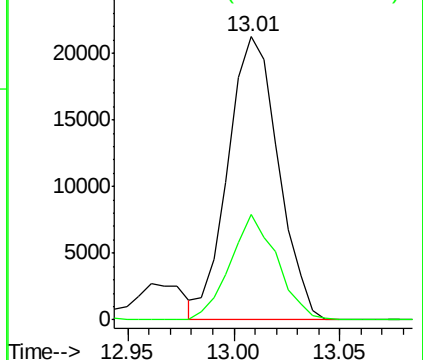
91 100

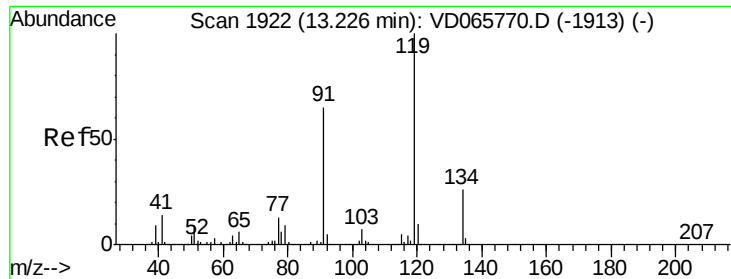
126 34.9 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

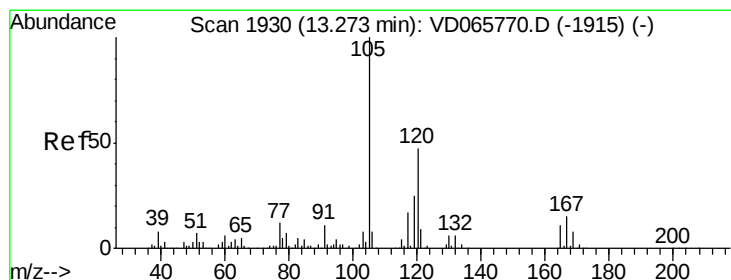
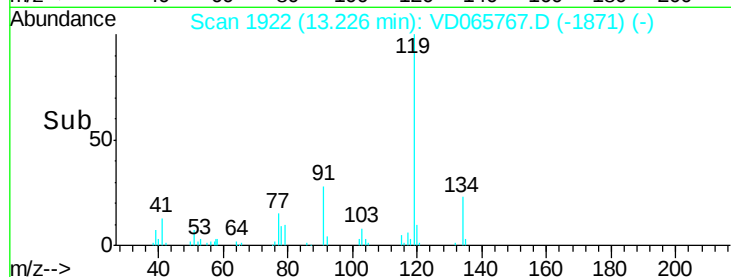
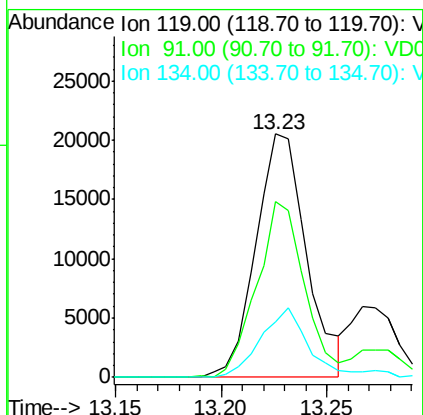
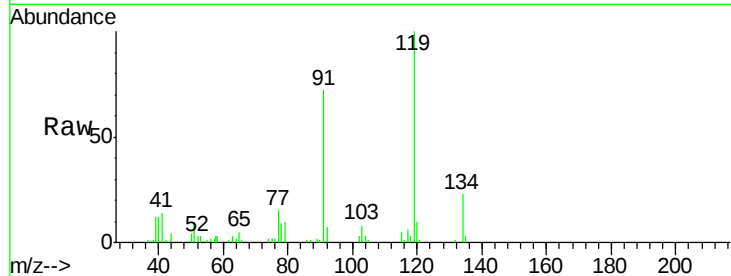




#83
 tert-Butylbenzene
 Concen: 4.87 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

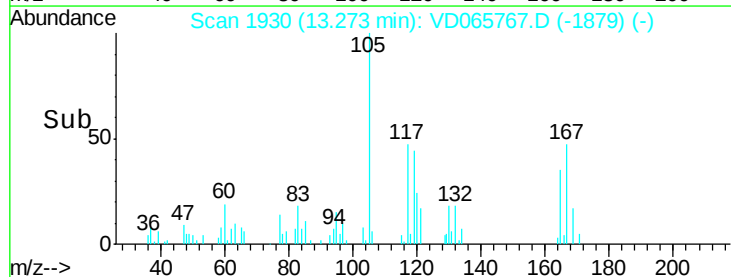
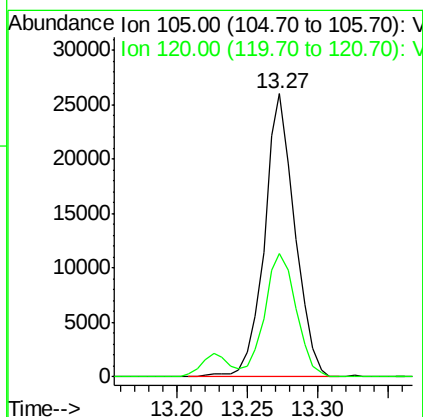
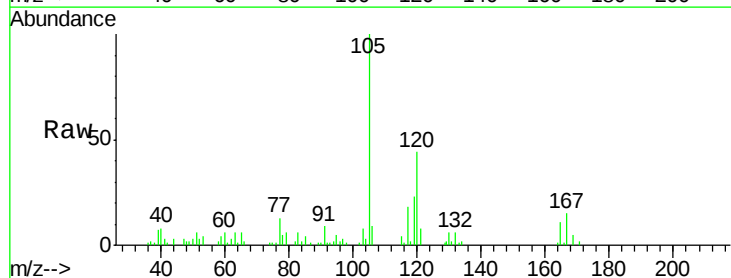
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

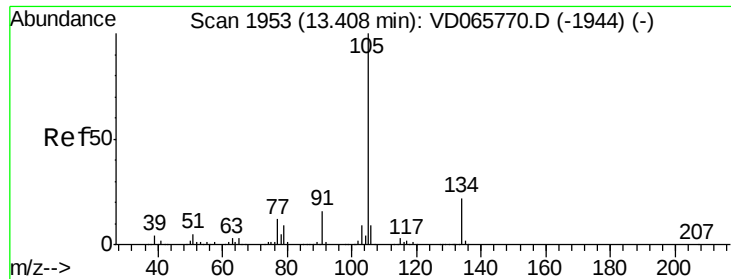
Tgt Ion:119 Resp: 34259
 Ion Ratio Lower Upper
 119 100
 91 67.9 32.0 96.0
 134 26.1 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 4.82 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Tgt Ion:105 Resp: 39249
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 4.82 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

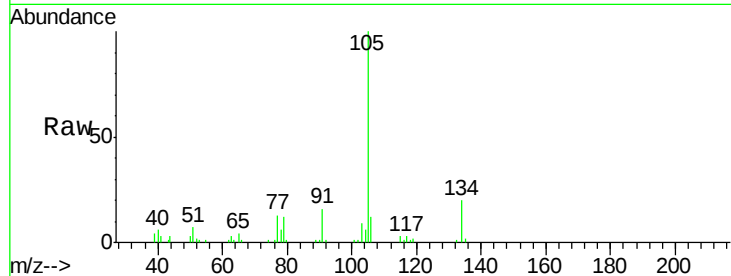
VSTDIC005

Tgt Ion:105 Resp: 47549

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

30000

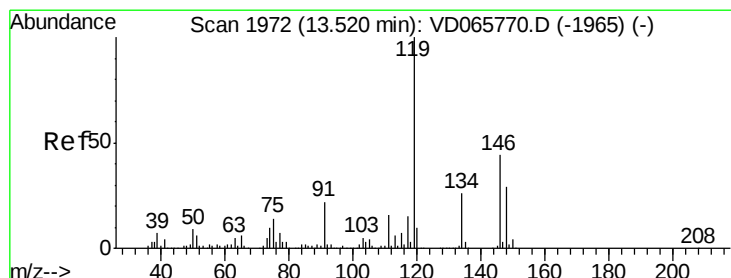
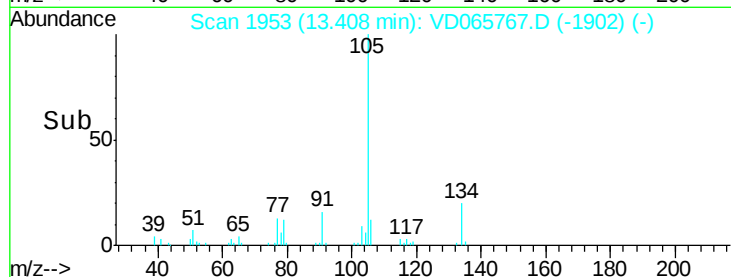
20000

10000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 4.78 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

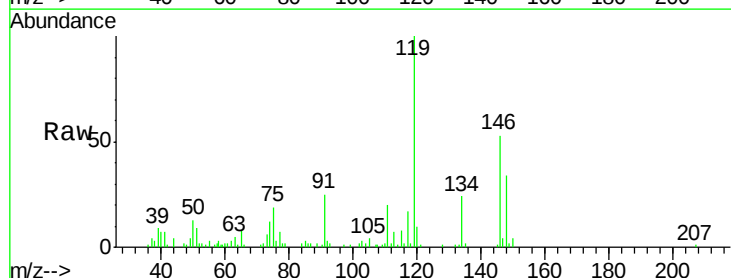
Tgt Ion:119 Resp: 42782

Ion Ratio Lower Upper

119 100

134 25.5 13.3 39.9

91 24.5 11.8 35.4



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

30000

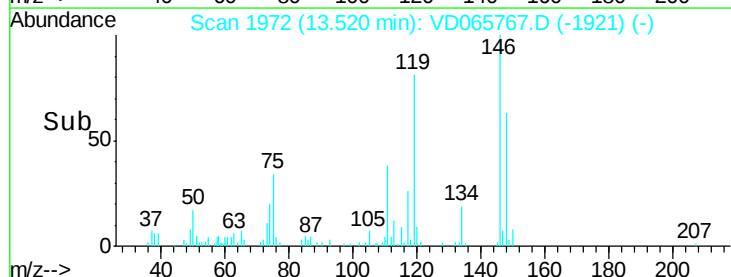
20000

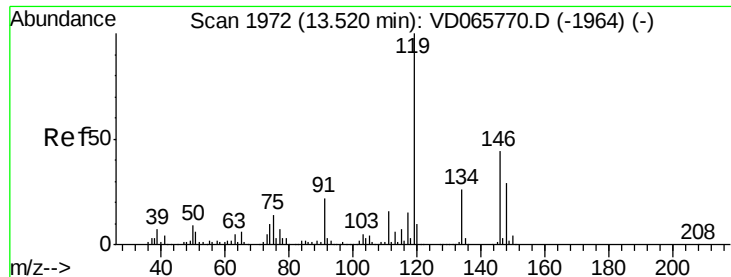
10000

0

13.45 13.50 13.55

Time-->

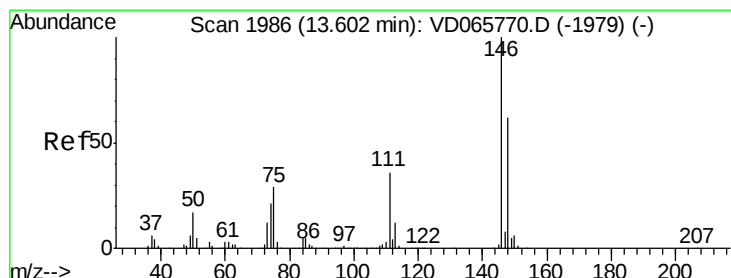
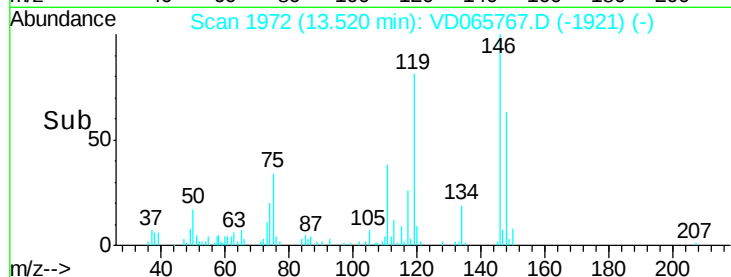
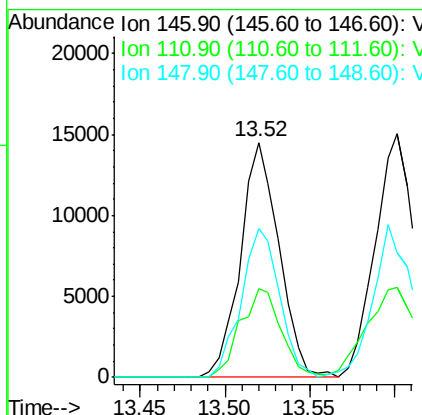
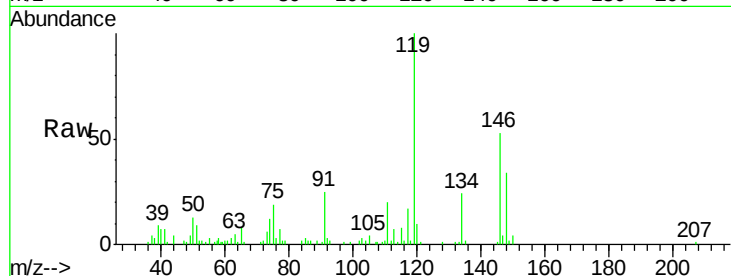




#87
 1,3-Dichlorobenzene
 Concen: 4.99 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

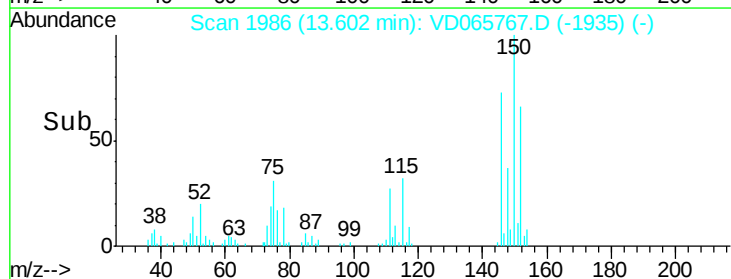
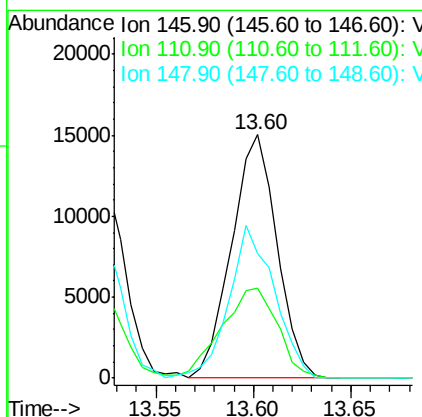
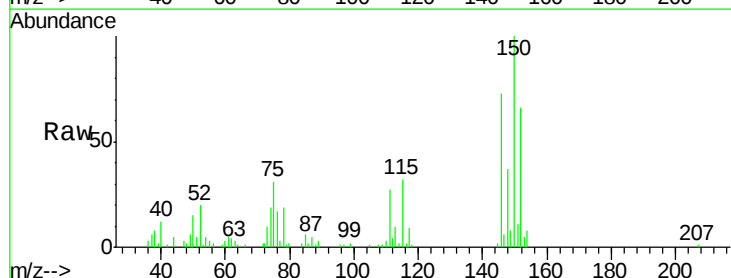
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

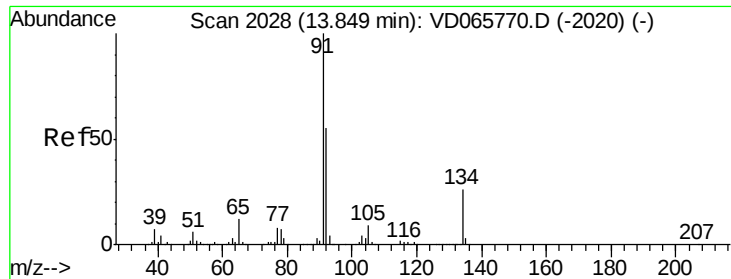
Tgt Ion:146 Resp: 23078
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.2 57.6
 148 62.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 5.27 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Tgt Ion:146 Resp: 24302
 Ion Ratio Lower Upper
 146 100
 111 45.7 18.9 56.7
 148 62.6 31.6 94.7

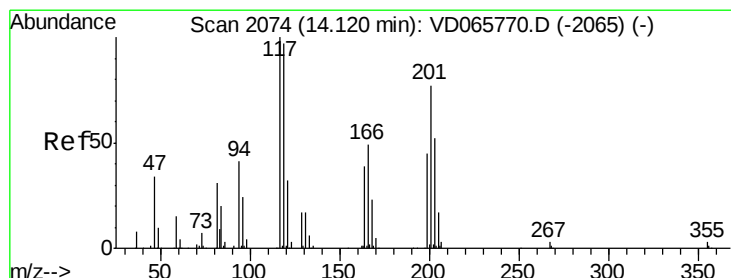
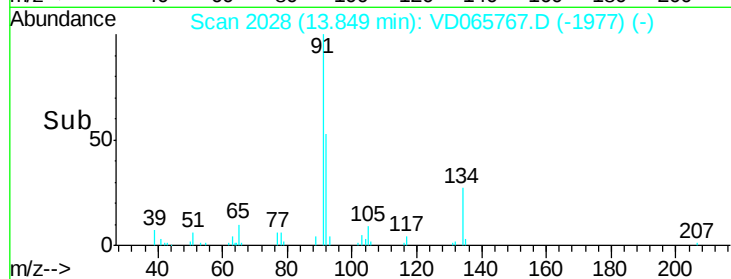
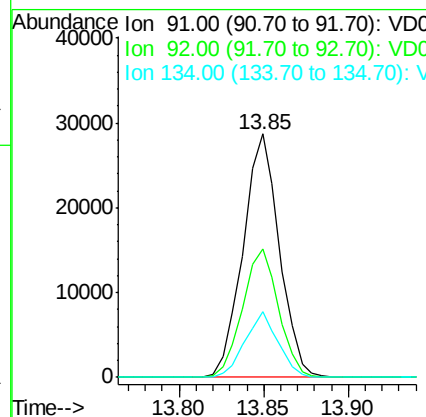
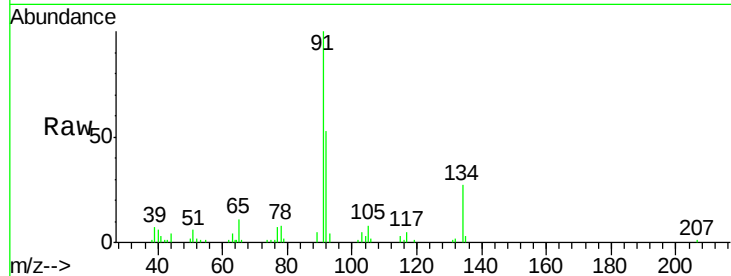




#89
n-Butylbenzene
Concen: 4.97 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

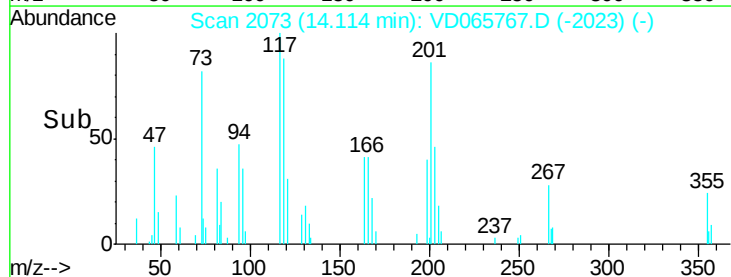
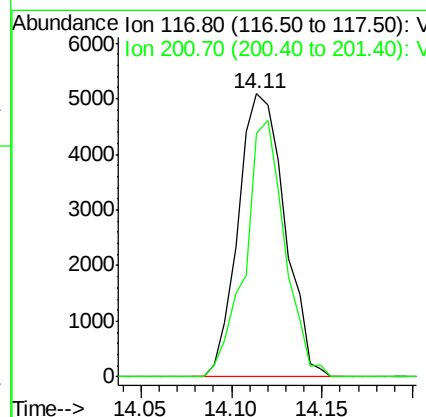
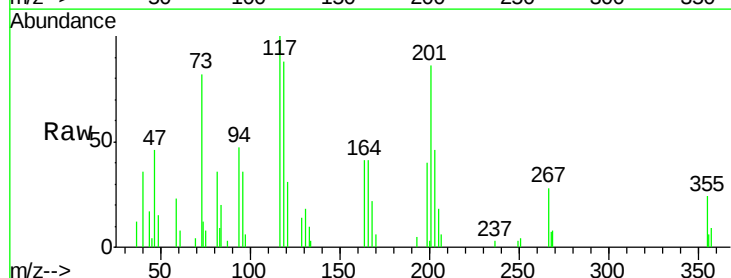
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

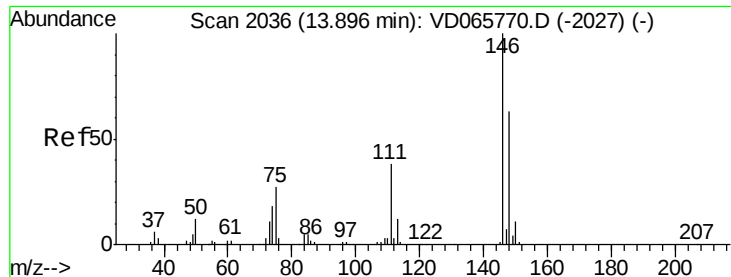
Tgt Ion: 91 Resp: 42784
Ion Ratio Lower Upper
91 100
92 52.3 27.0 81.0
134 24.5 13.0 39.0



#90
Hexachloroethane
Concen: 5.01 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion: 117 Resp: 9111
Ion Ratio Lower Upper
117 100
201 76.6 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 4.84 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

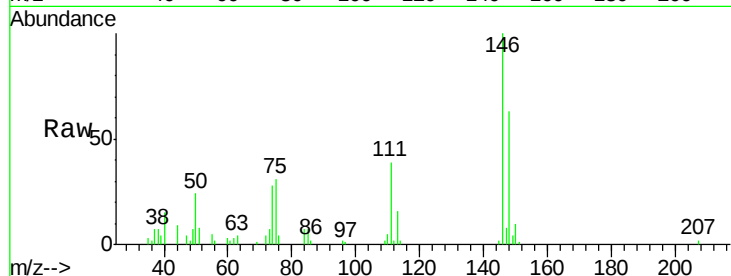
Tgt Ion: 146 Resp: 19220

Ion Ratio Lower Upper

146 100

111 44.3 19.8 59.4

148 62.8 31.9 95.7

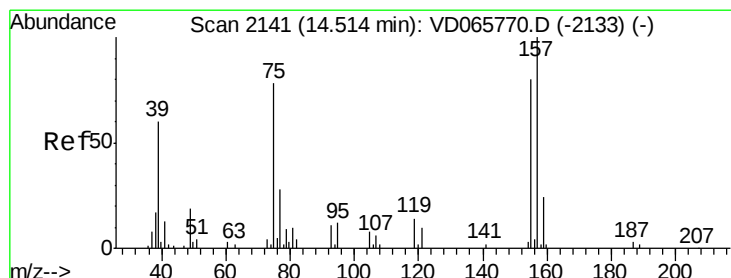
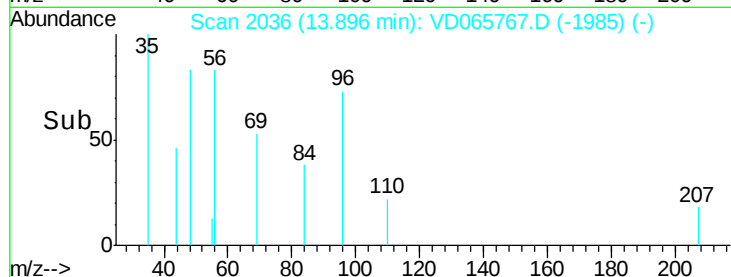
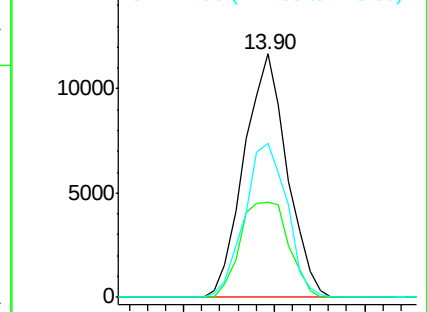


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.73 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD065767.D

Acq: 05 Jun 2020 10:30

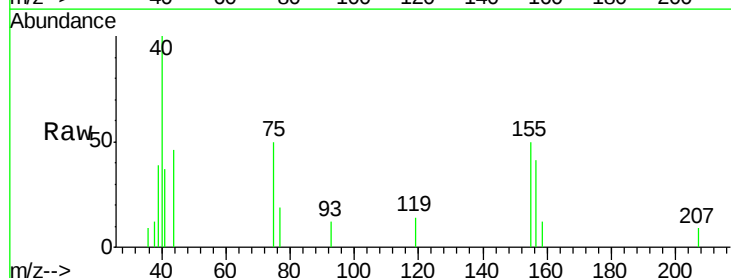
Tgt Ion: 75 Resp: 1610

Ion Ratio Lower Upper

75 100

155 68.8 46.3 138.9

157 92.4 58.1 174.3

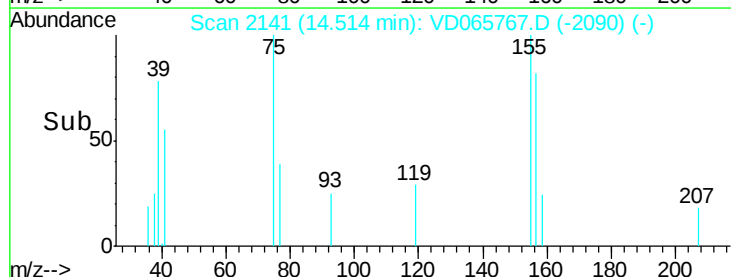
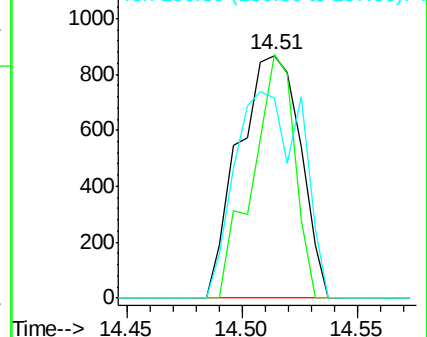


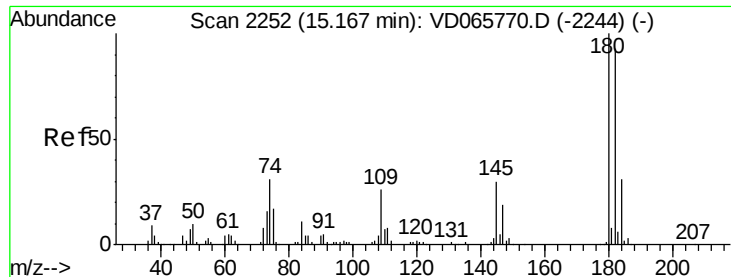
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

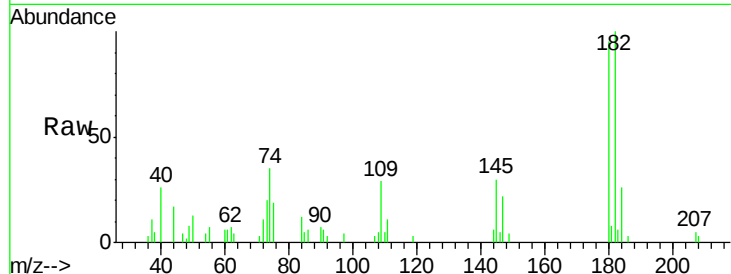




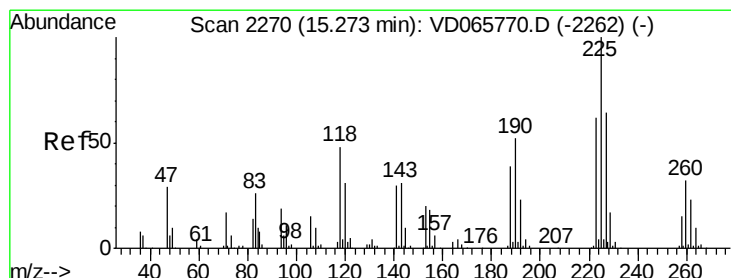
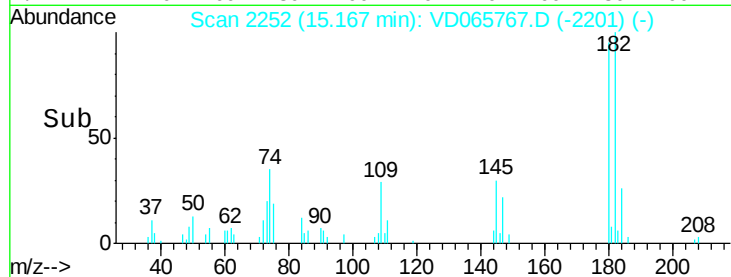
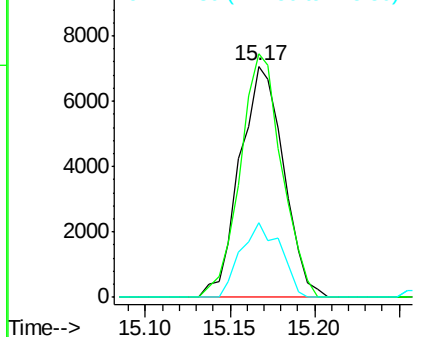
#93
 1,2,4-Trichlorobenzene
 Concen: 4.84 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 12735
 Ion Ratio Lower Upper
 180 100
 182 100.3 48.0 144.2
 145 29.1 14.9 44.9

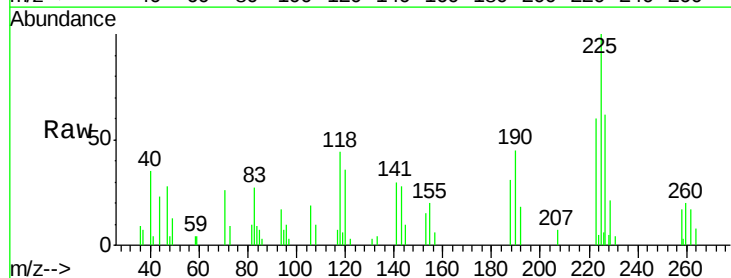


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

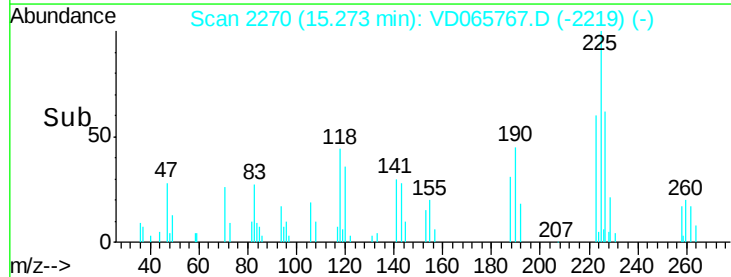
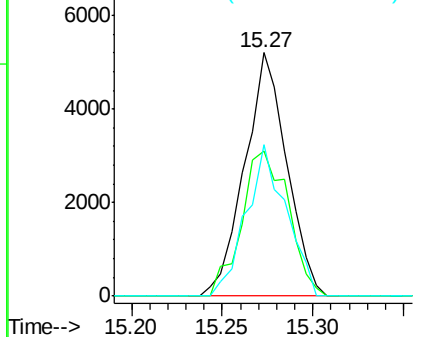


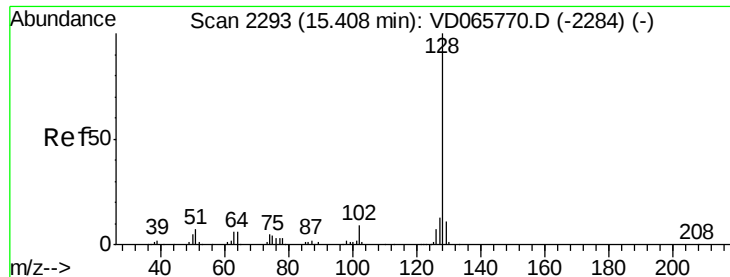
#94
 Hexachlorobutadiene
 Concen: 5.20 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065767.D
 Acq: 05 Jun 2020 10:30

Tgt Ion:225 Resp: 8416
 Ion Ratio Lower Upper
 225 100
 223 65.7 30.9 92.7
 227 58.9 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

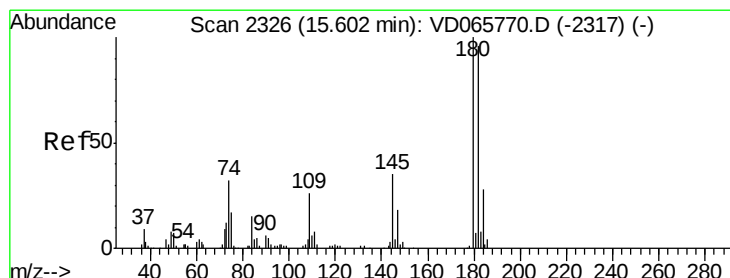
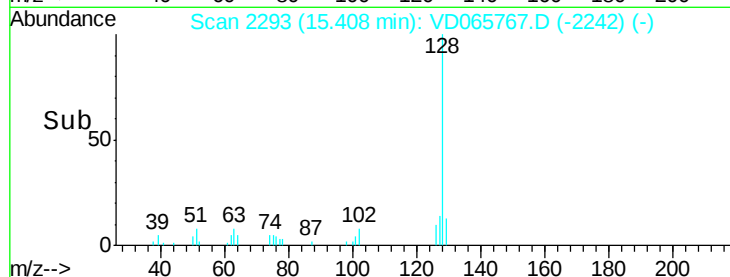
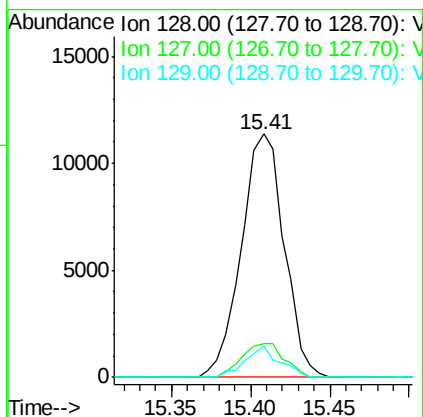
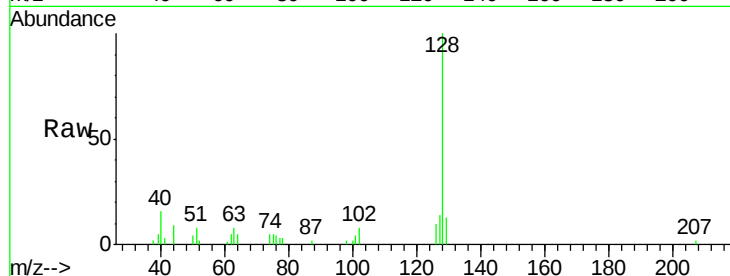




#95
Naphthalene
Concen: 4.86 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 21335
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 10.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 4.76 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD065767.D
Acq: 05 Jun 2020 10:30

Tgt Ion:180 Resp: 10764
Ion Ratio Lower Upper
180 100
182 99.0 47.0 141.2
145 30.4 16.2 48.6

