

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031120\NOT REVIEWED DATA\
 Data File : VD065481.D
 Acq On : 11 Mar 2020 16:49
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 16 11:09:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	477161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	682088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	628534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304449	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	201772	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.91	113	214145	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	10.34	98	832722	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.64	95	261602	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.99	85	169406	41.31	ug/l	100
3) Chloromethane	2.21	50	214104	43.24	ug/l	98
4) Vinyl Chloride	2.35	62	216396	44.31	ug/l	97
5) Bromomethane	2.77	94	130810	47.57	ug/l	97
6) Chloroethane	2.93	64	138259	46.23	ug/l	95
7) Trichlorofluoromethane	3.27	101	327439	45.50	ug/l	99
8) Diethyl Ether	3.70	74	98978	46.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.08	101	213222	46.01	ug/l	99
10) Methyl Iodide	4.29	142	235608	48.94	ug/l	99
11) Tert butyl alcohol	5.23	59	61397	261.51	ug/l	98
12) 1,1-Dichloroethene	4.06	96	202928	45.73	ug/l	96
13) Acrolein	3.93	56	110552	273.03	ug/l	100
14) Allyl chloride	4.71	41	318409	46.71	ug/l	99
15) Acrylonitrile	5.42	53	220815	237.20	ug/l	98
16) Acetone	4.16	43	179842	217.26	ug/l	94
17) Carbon Disulfide	4.40	76	647197	43.79	ug/l	99
18) Methyl Acetate	4.72	43	95835	45.64	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	420531	49.28	ug/l	100
20) Methylene Chloride	4.96	84	231997	51.73	ug/l	95
21) trans-1,2-Dichloroethene	5.46	96	233497	47.30	ug/l	98
22) Diisopropyl ether	6.36	45	639569	50.47	ug/l	98
23) Vinyl Acetate	6.30	43	1785004	253.68	ug/l	99
24) 1,1-Dichloroethane	6.26	63	392796	48.32	ug/l	97
25) 2-Butanone	7.22	43	259988	230.15	ug/l	99
26) 2,2-Dichloropropane	7.21	77	339510	47.80	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	249734	49.49	ug/l	98
28) Bromochloromethane	7.54	49	166116	51.08	ug/l	99
29) Tetrahydrofuran	7.57	42	174704	242.17	ug/l	99
30) Chloroform	7.71	83	393181	48.40	ug/l	97
31) Cyclohexane	7.98	56	357825	44.03	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	357939	47.67	ug/l	99
36) 1,1-Dichloropropene	8.11	75	316706	48.44	ug/l	100
37) Ethyl Acetate	7.30	43	123430	48.84	ug/l	99
38) Carbon Tetrachloride	8.10	117	327180	48.26	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031120\NOT REVIEWED DATA\
 Data File : VD065481.D
 Acq On : 11 Mar 2020 16:49
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Mar 16 11:09:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	369812	46.83	ug/l	93
40) Benzene	8.35	78	916006	50.11	ug/l	100
41) Methacrylonitrile	7.53	41	67913	50.81	ug/l #	80
42) 1,2-Dichloroethane	8.43	62	236849	49.62	ug/l	100
43) Isopropyl Acetate	8.46	43	224981	48.22	ug/l	100
44) Trichloroethene	9.11	130	252928	48.99	ug/l	97
45) 1,2-Dichloropropane	9.39	63	222814	50.32	ug/l	97
46) Dibromomethane	9.48	93	114005	49.63	ug/l	96
47) Bromodichloromethane	9.66	83	297783	49.83	ug/l	97
48) Methyl methacrylate	9.46	41	105961	48.28	ug/l	98
49) 1,4-Dioxane	9.47	88	26458	1007.03	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	598126	254.72	ug/l	100
52) Toluene	10.40	92	585442	50.84	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	281126	50.34	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	341165	50.47	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	160171	49.23	ug/l	98
56) Ethyl methacrylate	10.66	69	190775	52.02	ug/l	98
57) 1,3-Dichloropropane	10.95	76	277058	50.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	275452	240.39	ug/l	99
59) 2-Hexanone	10.99	43	404081	248.59	ug/l	100
60) Dibromochloromethane	11.14	129	211559	50.73	ug/l	100
61) 1,2-Dibromoethane	11.25	107	153219	49.38	ug/l	100
64) Tetrachloroethene	10.88	164	214059	47.53	ug/l	99
65) Chlorobenzene	11.67	112	596984	48.00	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	226513	50.00	ug/l	97
67) Ethyl Benzene	11.75	91	1077032	50.11	ug/l	100
68) m/p-Xylenes	11.85	106	839166	101.26	ug/l	99
69) o-Xylene	12.18	106	373052	51.18	ug/l	100
70) Styrene	12.20	104	661702	51.58	ug/l	100
71) Bromoform	12.37	173	124876	49.08	ug/l #	99
73) Isopropylbenzene	12.48	105	1013958	50.63	ug/l	100
74) N-amyl acetate	12.30	43	201556	49.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	168298	47.81	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	217525	90.55	ug/l #	100
77) Bromobenzene	12.77	156	248807	50.01	ug/l	99
78) n-propylbenzene	12.83	91	1196915	50.38	ug/l	100
79) 2-Chlorotoluene	12.91	91	674125	50.34	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	823256	50.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	54827	48.16	ug/l	97
82) 4-Chlorotoluene	13.01	91	699568	49.72	ug/l	99
83) tert-Butylbenzene	13.23	119	699195	50.20	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	817444	50.37	ug/l	99
85) sec-Butylbenzene	13.41	105	970612	48.82	ug/l	100
86) p-Isopropyltoluene	13.53	119	899690	49.59	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	463130	48.42	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	454663	47.78	ug/l	99
89) n-Butylbenzene	13.85	91	814284	48.55	ug/l	99
90) Hexachloroethane	14.12	117	174464	46.70	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	401400	49.31	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24345	45.41	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031120\NOT REVIEWED DATA\
Data File : VD065481.D
Acq On : 11 Mar 2020 16:49
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 16 11:09:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

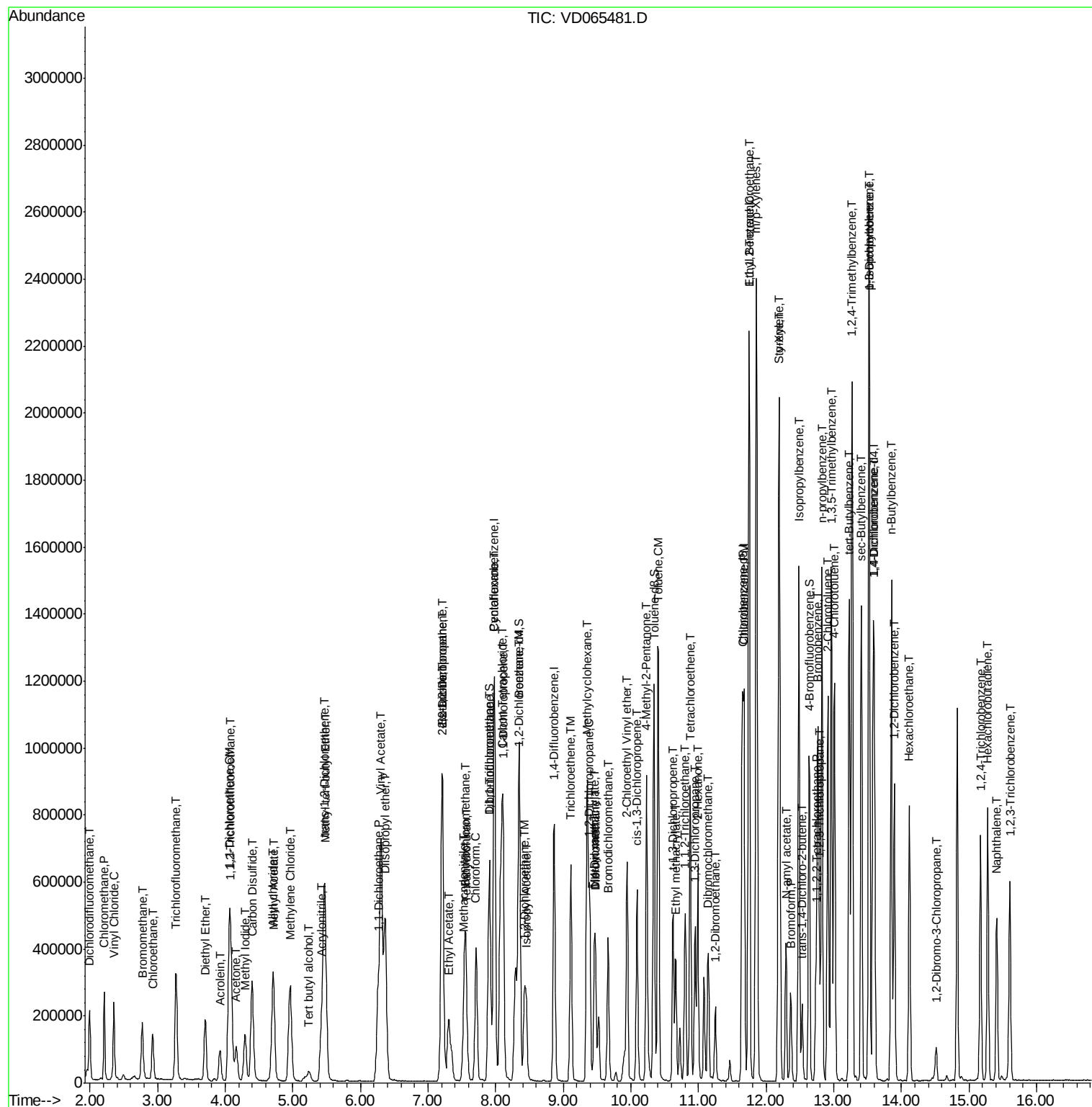
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	261579	47.41	ug/l	100
94) Hexachlorobutadiene	15.28	225	167112	46.10	ug/l	99
95) Naphthalene	15.41	128	435831	44.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	226977	47.61	ug/l	98

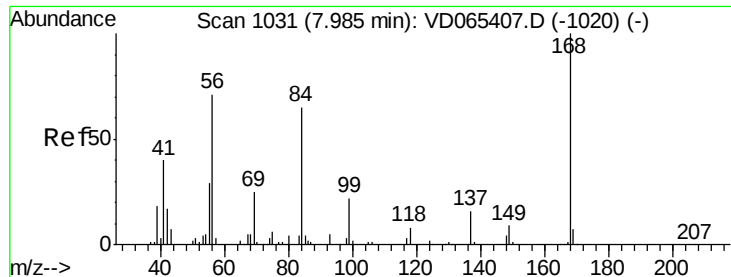
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031120\NOT REVIEWED DATA\
Data File : VD065481.D
Acq On : 11 Mar 2020 16:49
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 16 11:09:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

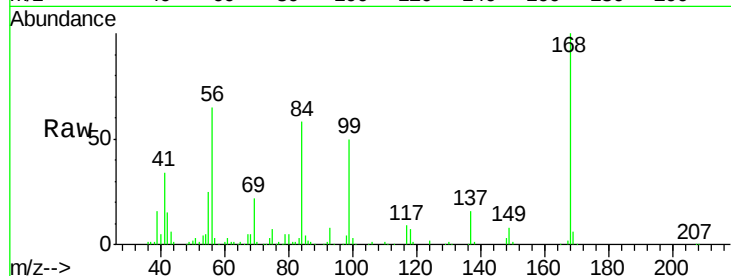
VSTDCCC050EC

Tgt Ion:168 Resp: 477161

Ion Ratio Lower Upper

168 100

99 49.7 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

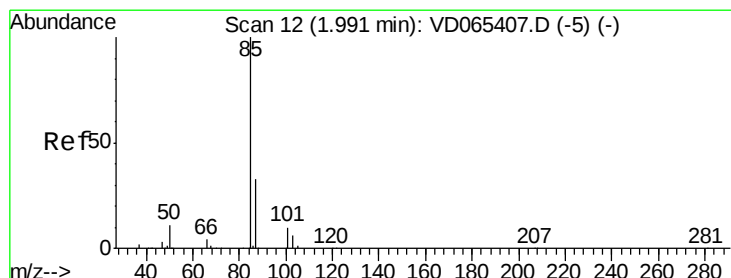
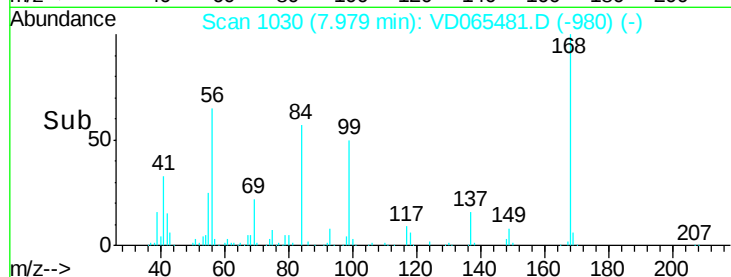
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.31 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065481.D

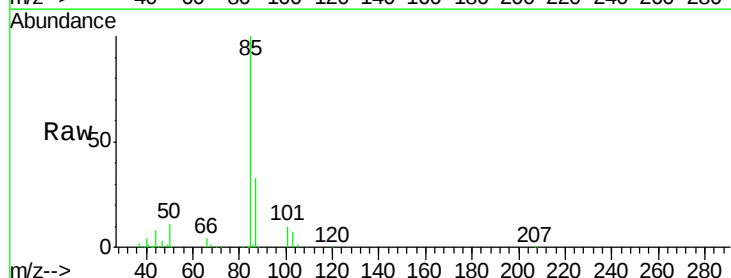
Acq: 11 Mar 2020 16:49

Tgt Ion: 85 Resp: 169406

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

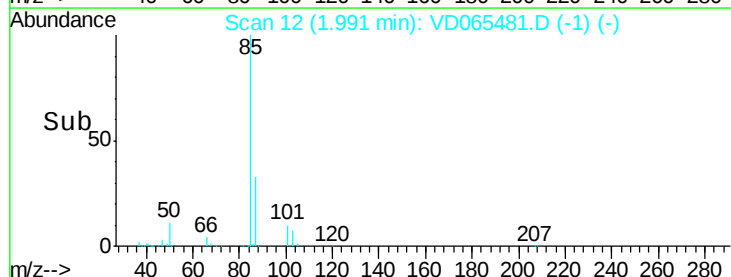
100000

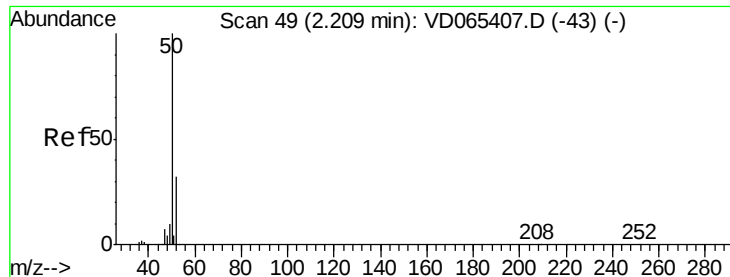
50000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 43.24 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

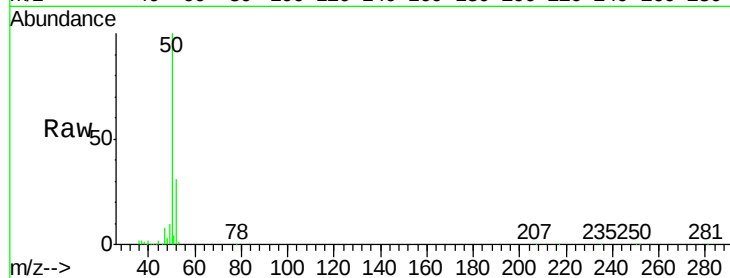
VSTDCCC050EC

Tgt Ion: 50 Resp: 214104

Ion Ratio Lower Upper

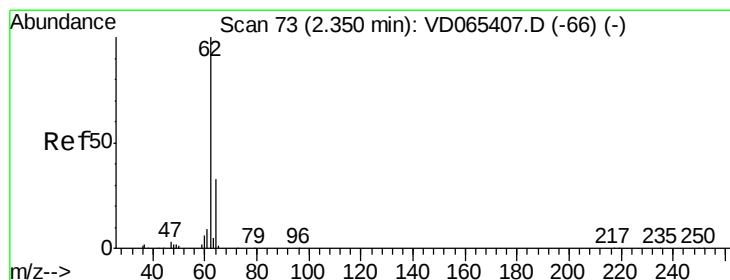
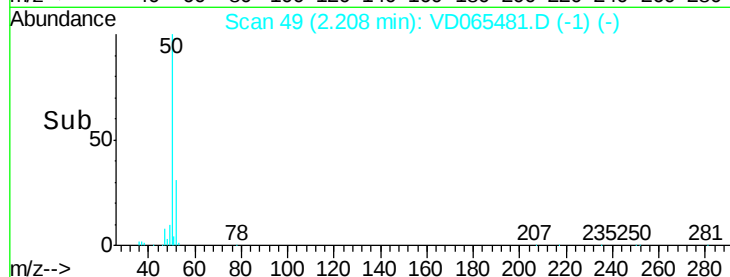
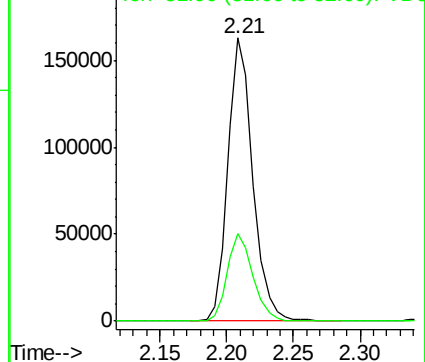
50 100

52 30.9 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.31 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065481.D

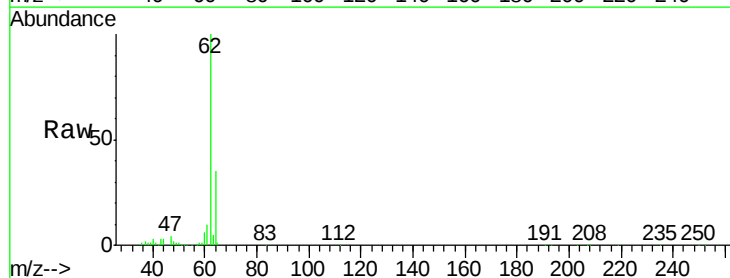
Acq: 11 Mar 2020 16:49

Tgt Ion: 62 Resp: 216396

Ion Ratio Lower Upper

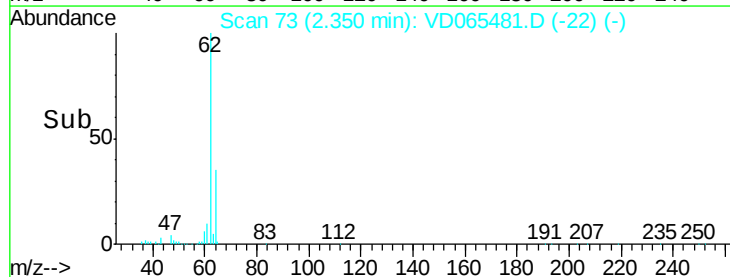
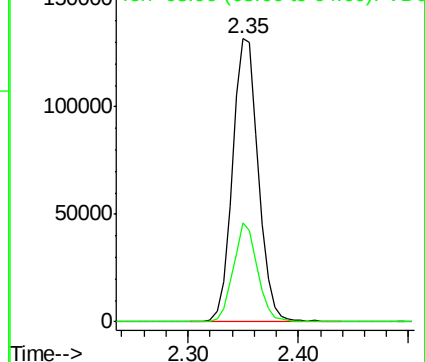
62 100

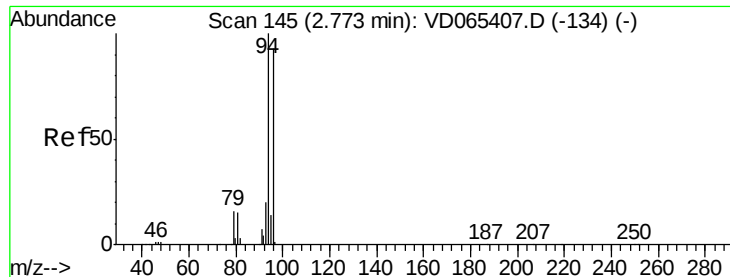
64 35.0 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 47.57 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

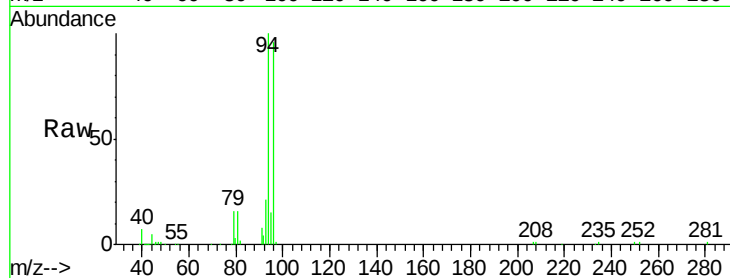
VSTDCCC050EC

Tgt Ion: 94 Resp: 130810

Ion Ratio Lower Upper

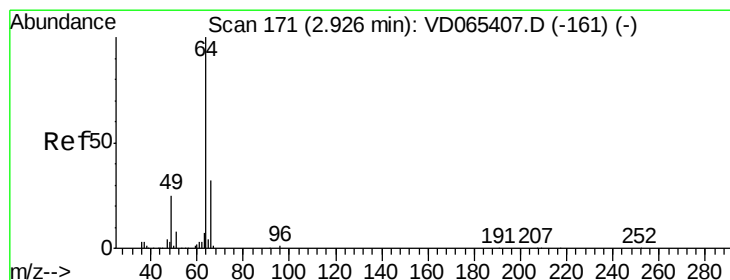
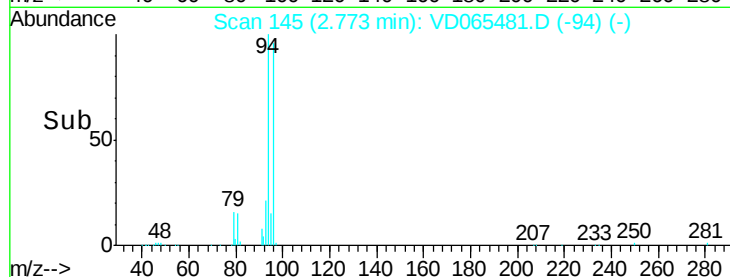
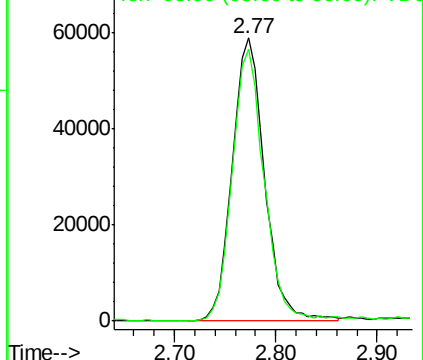
94 100

96 95.9 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.23 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065481.D

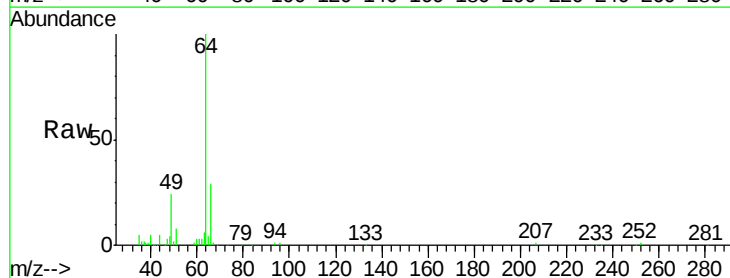
Acq: 11 Mar 2020 16:49

Tgt Ion: 64 Resp: 138259

Ion Ratio Lower Upper

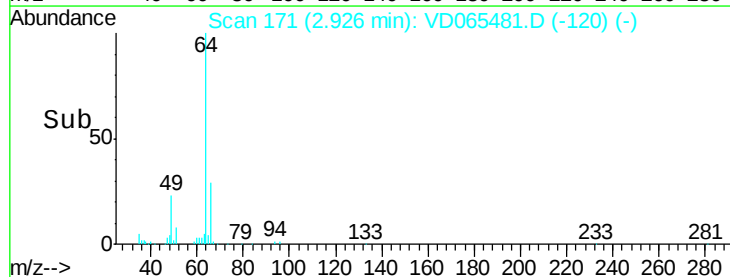
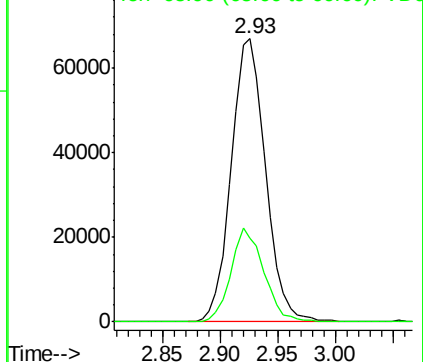
64 100

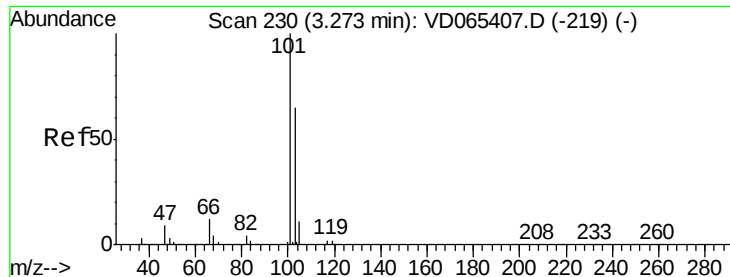
66 29.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 45.50 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

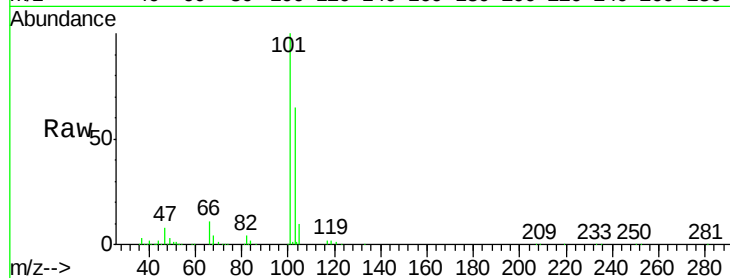
VSTDCCC050EC

Tgt Ion: 101 Resp: 327439

Ion Ratio Lower Upper

101 100

103 64.6 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

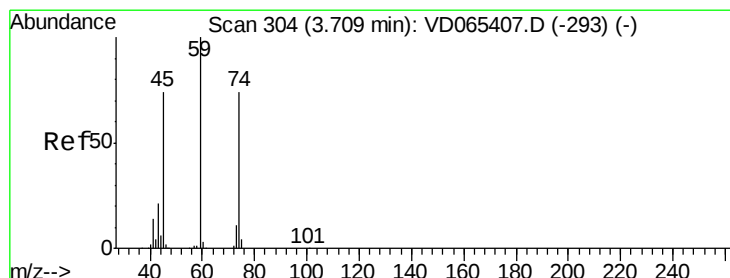
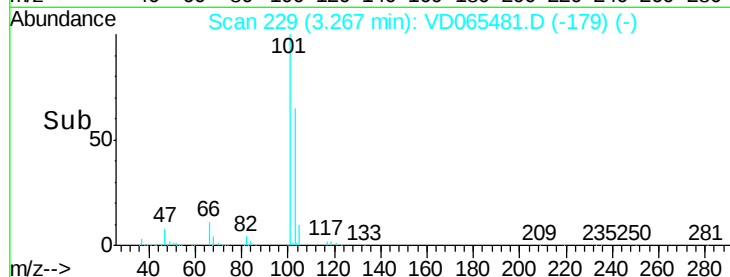
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 46.25 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD065481.D

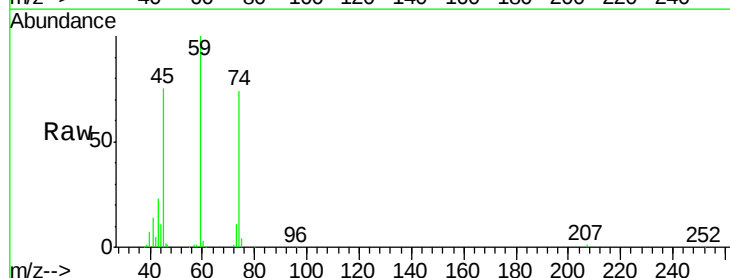
Acq: 11 Mar 2020 16:49

Tgt Ion: 74 Resp: 98978

Ion Ratio Lower Upper

74 100

45 100.1 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.70

50000

40000

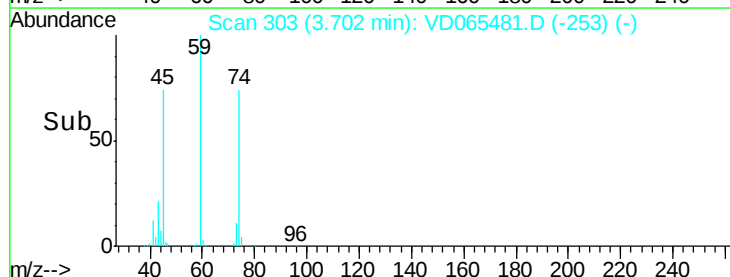
30000

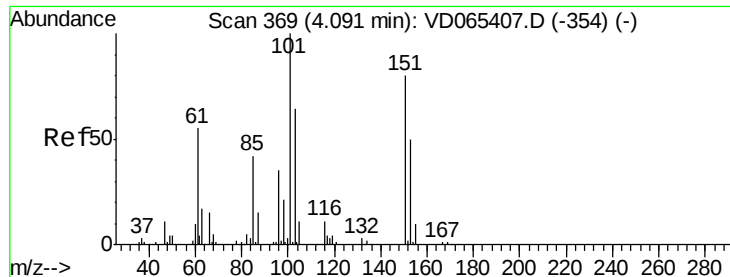
20000

10000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.01 ug/l

RT: 4.08 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

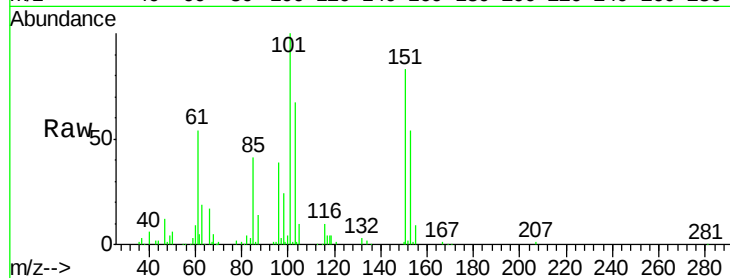
Tgt Ion:101 Resp: 213222

Ion Ratio Lower Upper

101 100

85 41.4 34.2 51.2

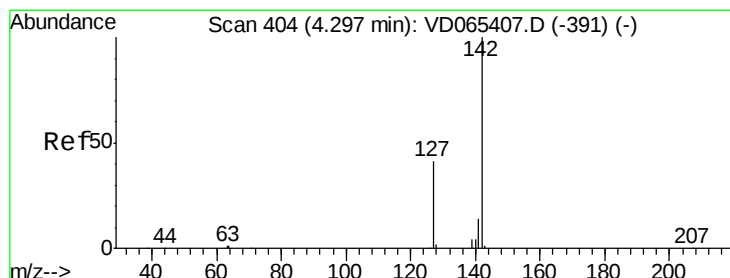
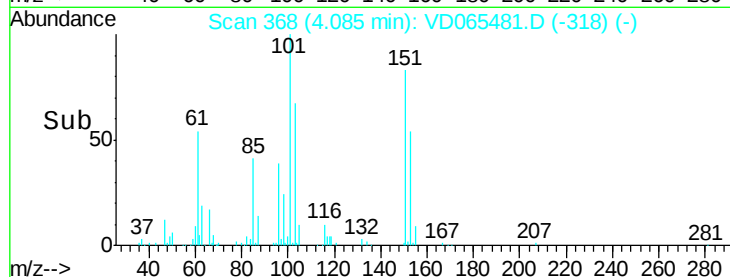
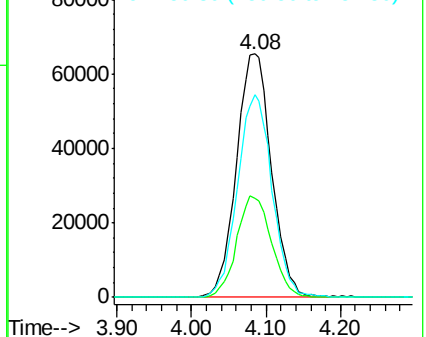
151 82.1 65.1 97.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.94 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

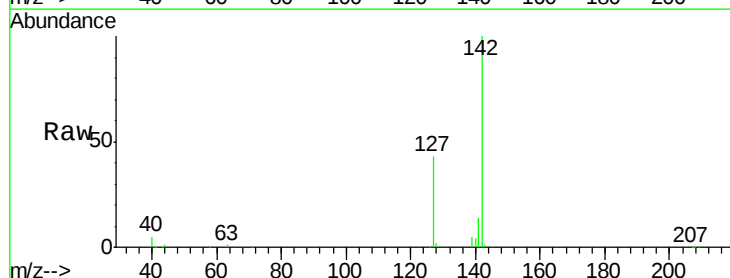
Tgt Ion:142 Resp: 235608

Ion Ratio Lower Upper

142 100

127 43.2 35.0 52.6

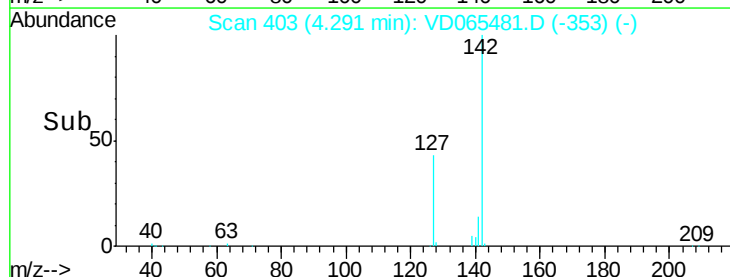
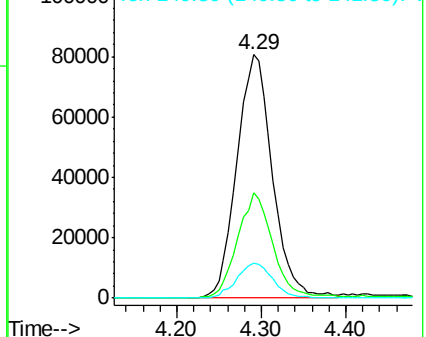
141 14.7 12.4 18.6

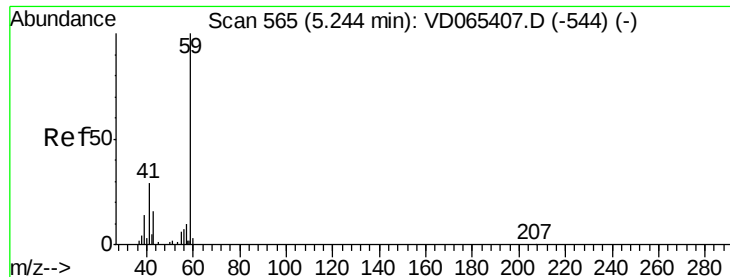


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



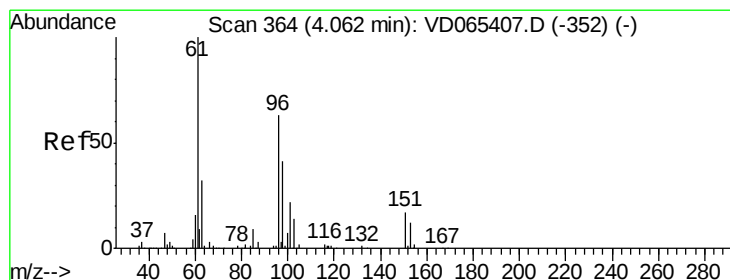
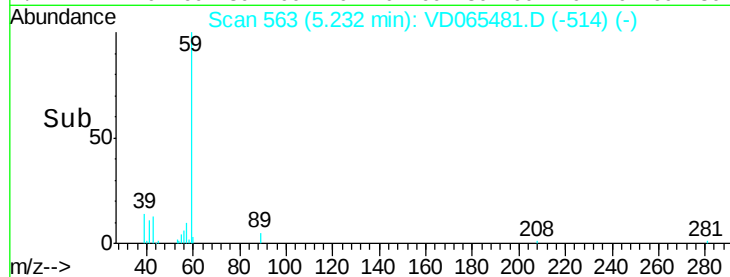
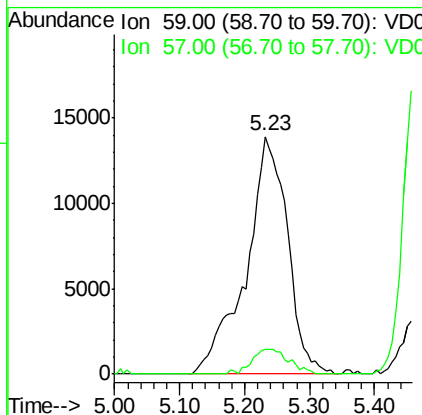
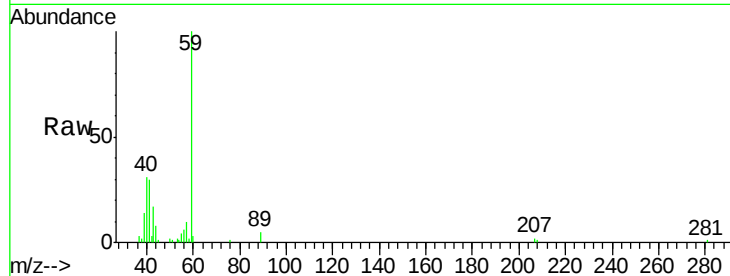


#11

Tert butyl alcohol
 Concen: 261.51 ug/l
 RT: 5.23 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

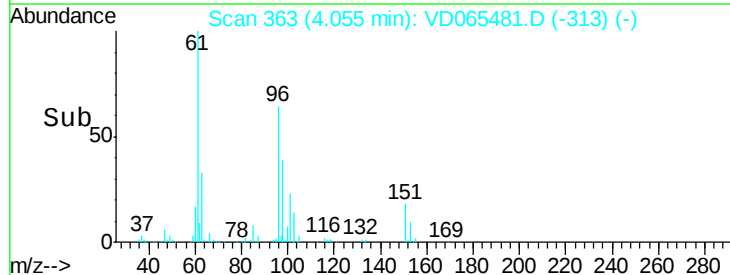
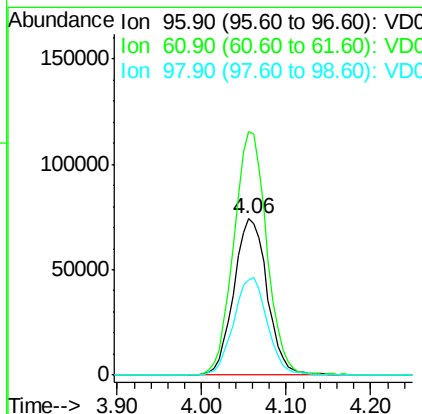
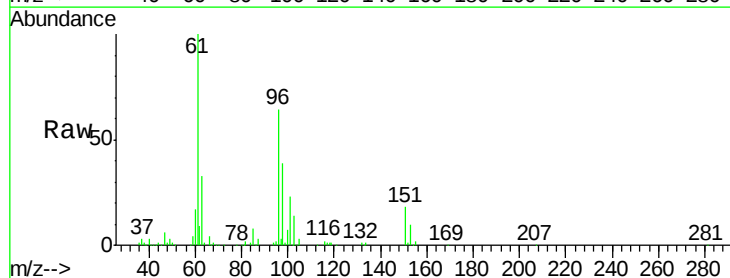
Tgt Ion: 59 Resp: 61397
 Ion Ratio Lower Upper
 59 100
 57 9.4 6.9 10.3

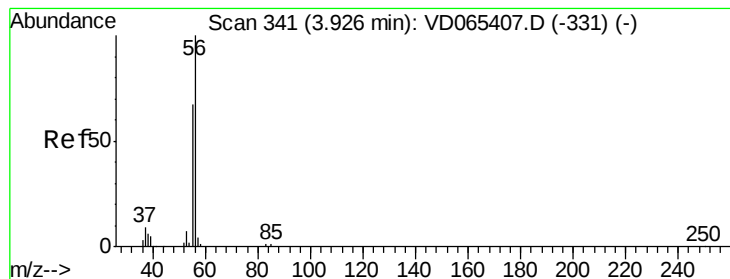


#12

1,1-Dichloroethene
 Concen: 45.73 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Tgt Ion: 96 Resp: 202928
 Ion Ratio Lower Upper
 96 100
 61 155.7 128.0 192.0
 98 61.2 51.9 77.9





#13

Acrolein

Concen: 273.03 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

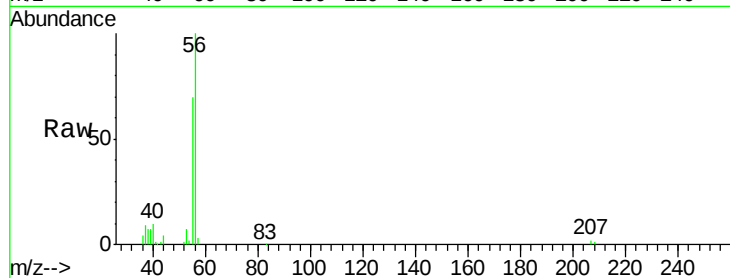
VSTDCCC050EC

Tgt Ion: 56 Resp: 110552

Ion Ratio Lower Upper

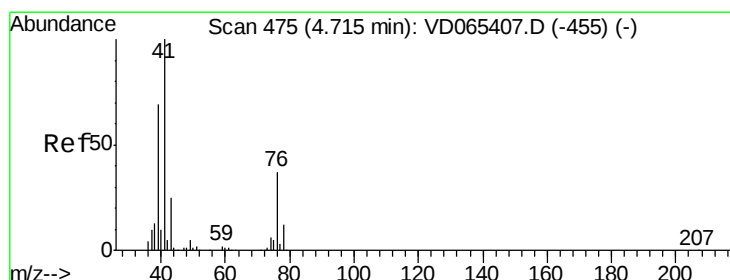
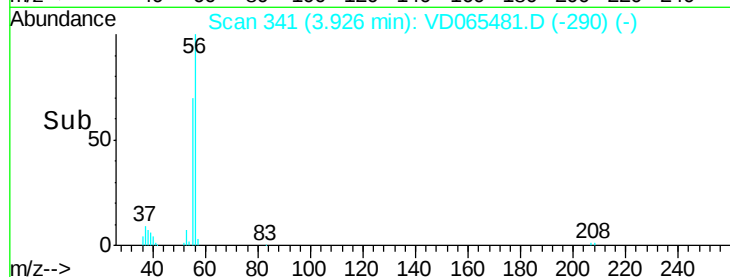
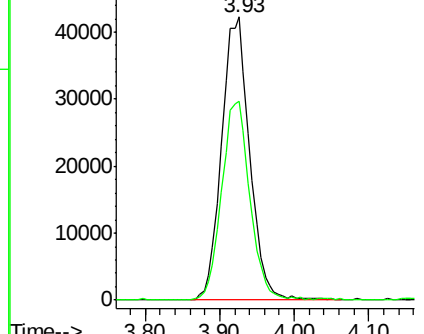
56 100

55 70.8 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 46.71 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

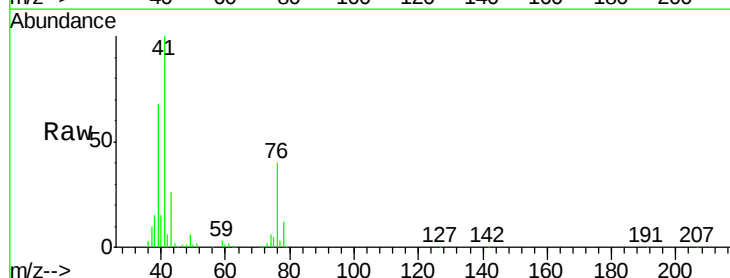
Tgt Ion: 41 Resp: 318409

Ion Ratio Lower Upper

41 100

39 65.8 52.6 79.0

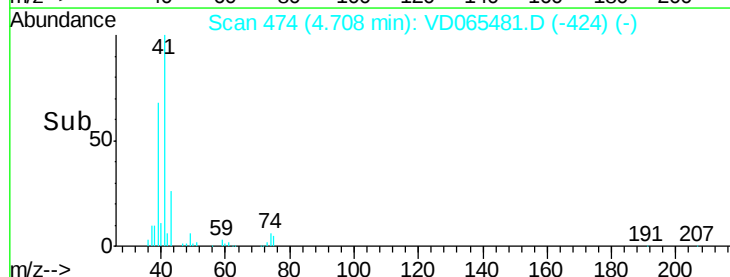
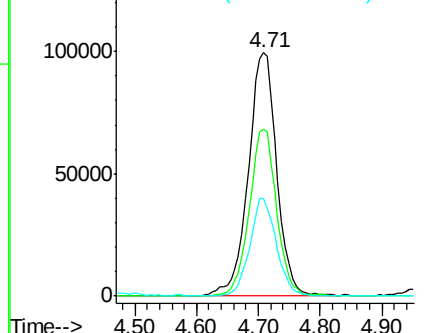
76 37.4 29.2 43.8

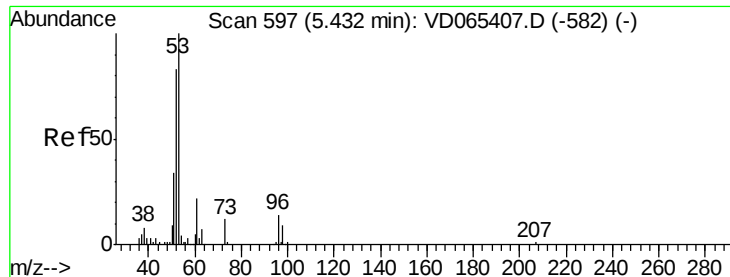


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 237.20 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

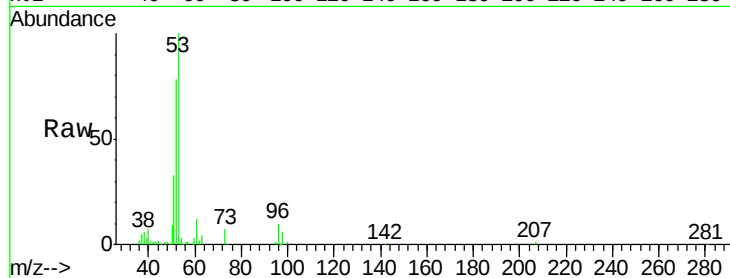
Tgt Ion: 53 Resp: 220815

Ion Ratio Lower Upper

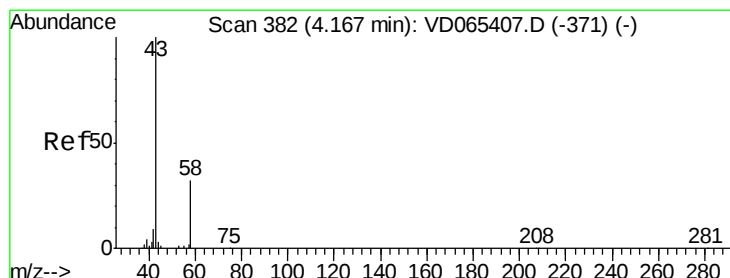
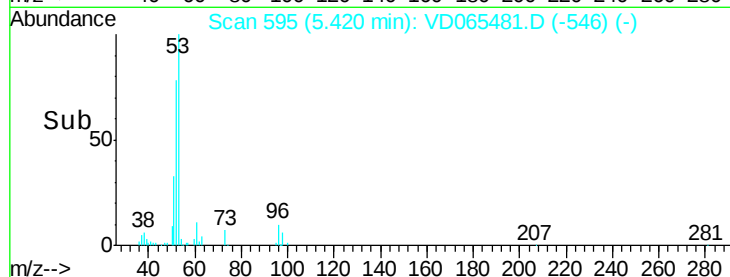
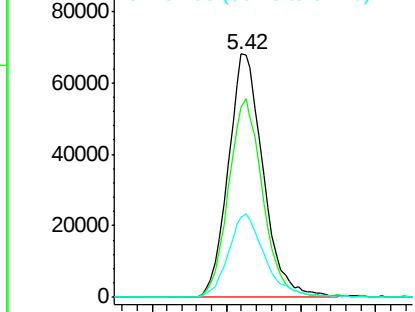
53 100

52 79.4 65.1 97.7

51 35.7 28.5 42.7



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



#16

Acetone

Concen: 217.26 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065481.D

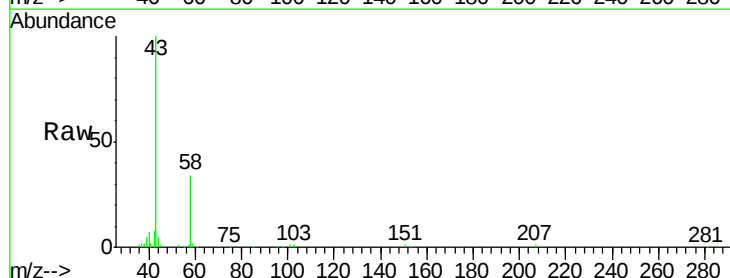
Acq: 11 Mar 2020 16:49

Tgt Ion: 43 Resp: 179842

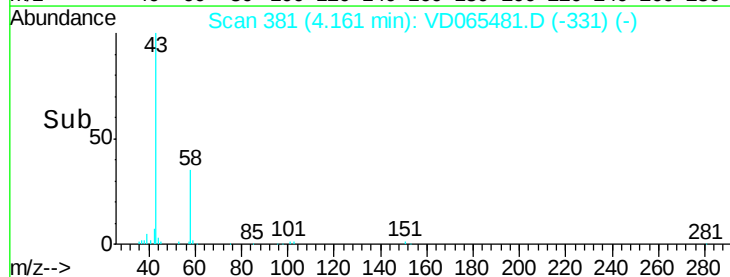
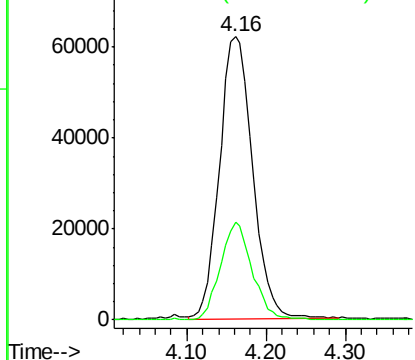
Ion Ratio Lower Upper

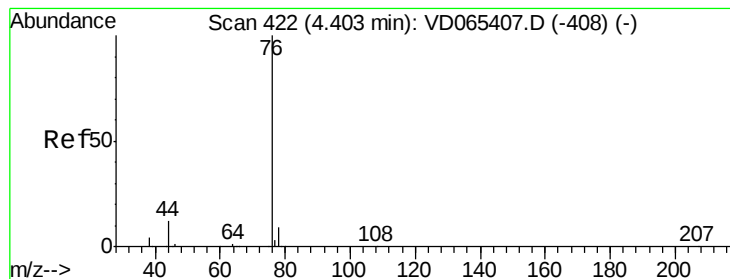
43 100

58 34.6 25.1 37.7



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





#17

Carbon Disulfide

Concen: 43.79 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

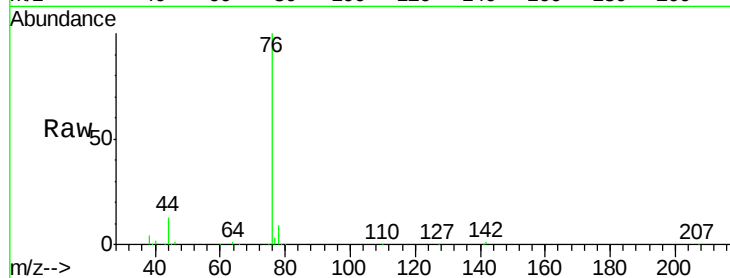
VSTDCCC050EC

Tgt Ion: 76 Resp: 647197

Ion Ratio Lower Upper

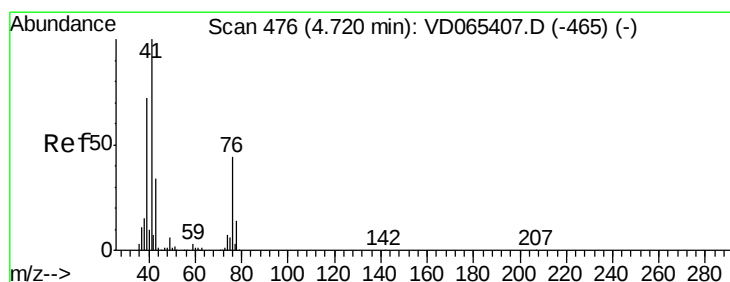
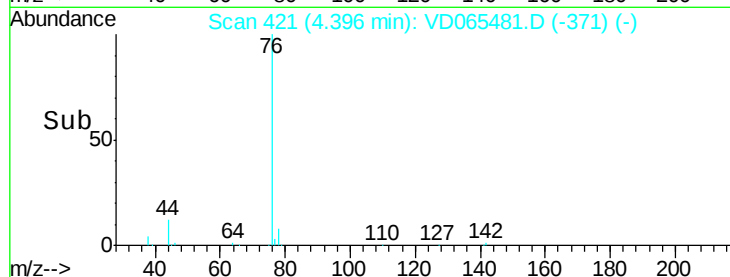
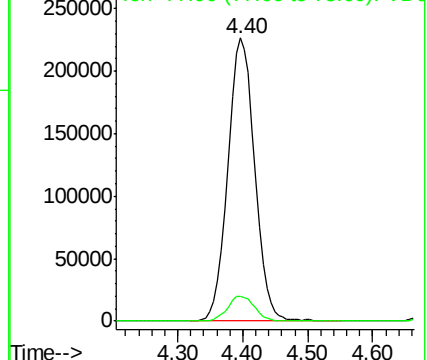
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 45.64 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD065481.D

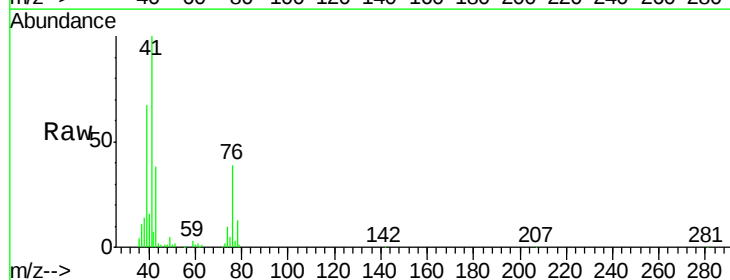
Acq: 11 Mar 2020 16:49

Tgt Ion: 43 Resp: 95835

Ion Ratio Lower Upper

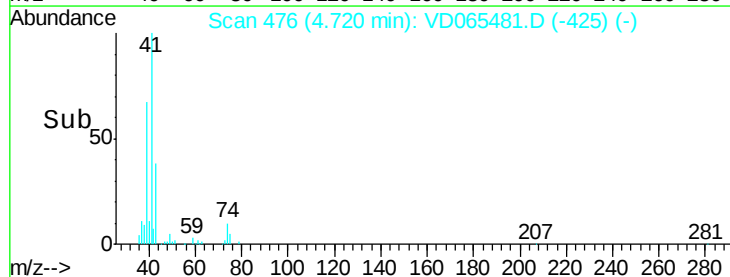
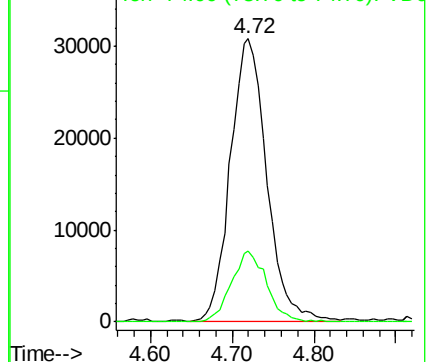
43 100

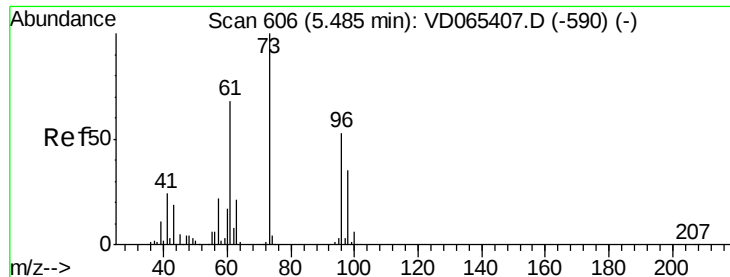
74 24.0 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

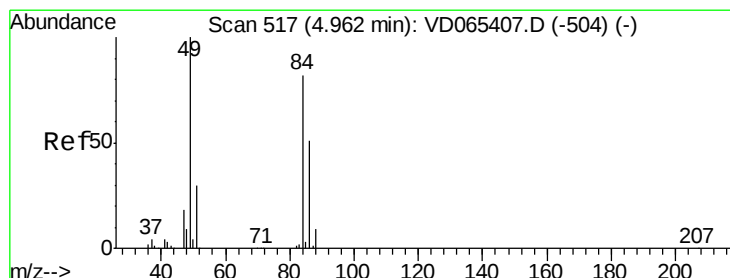
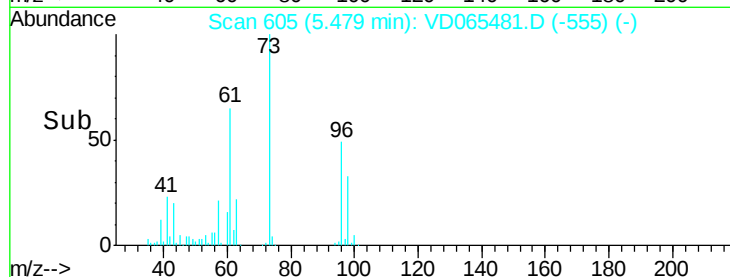
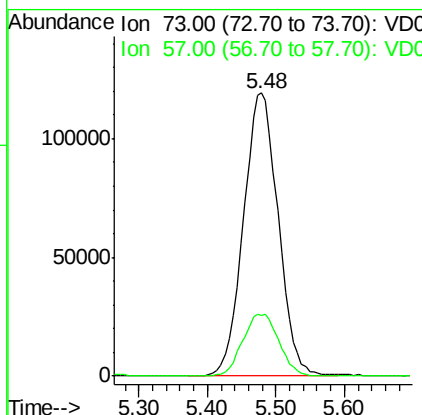
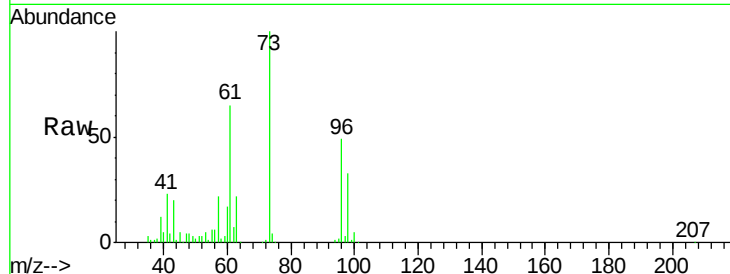




#19
Methyl tert-butyl Ether
Concen: 49.28 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

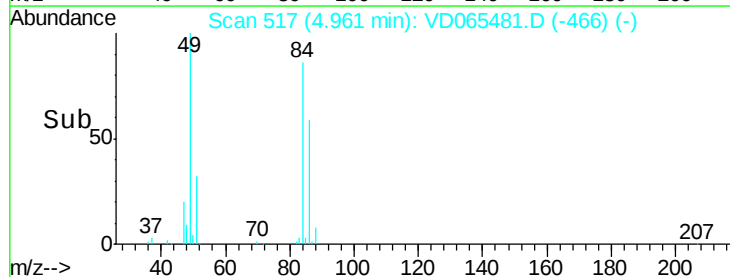
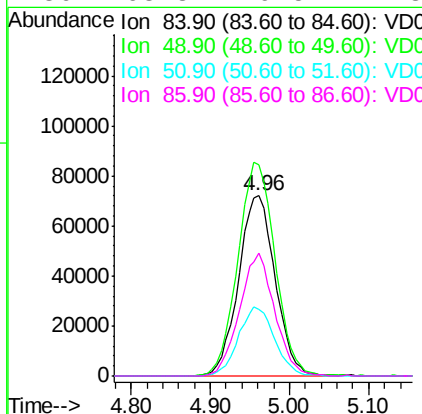
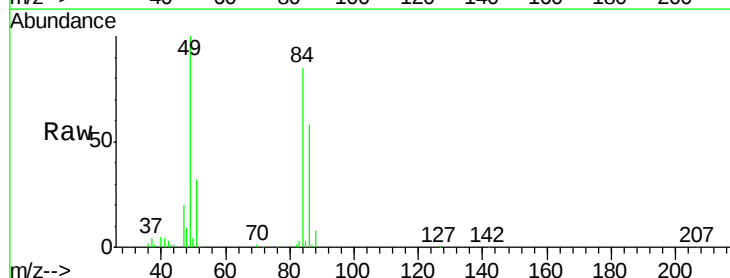
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

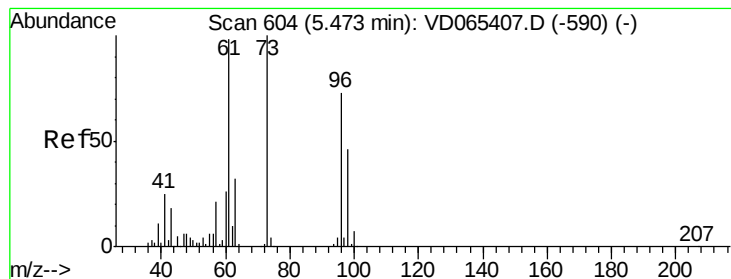
Tgt Ion: 73 Resp: 420531
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 51.73 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion: 84 Resp: 231997
Ion Ratio Lower Upper
84 100
49 117.3 97.7 146.5
51 37.1 28.8 43.2
86 68.3 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 47.30 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

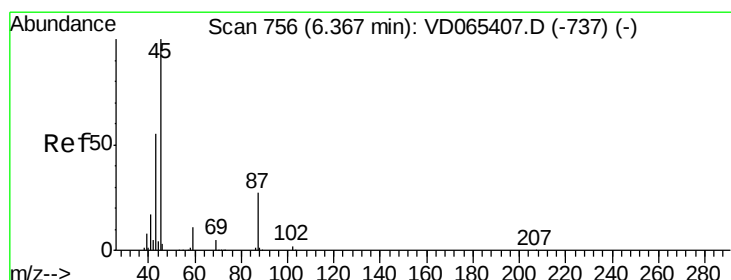
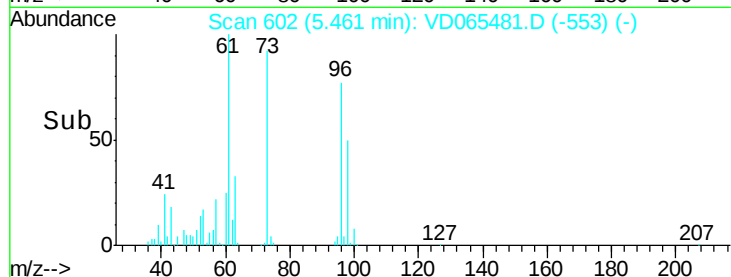
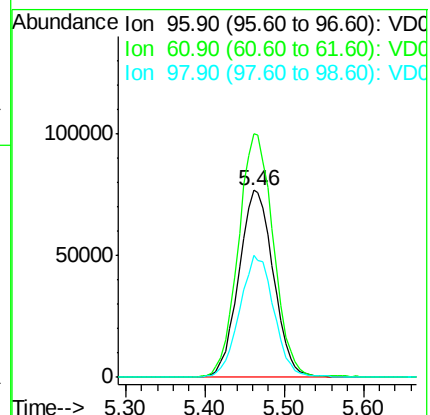
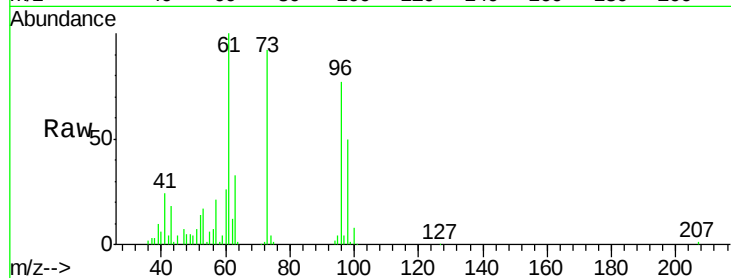
Tgt Ion: 96 Resp: 233497

Ion Ratio Lower Upper

96 100

61 130.3 106.3 159.5

98 65.1 50.2 75.4



#22

Diisopropyl ether

Concen: 50.47 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Tgt Ion: 45 Resp: 639569

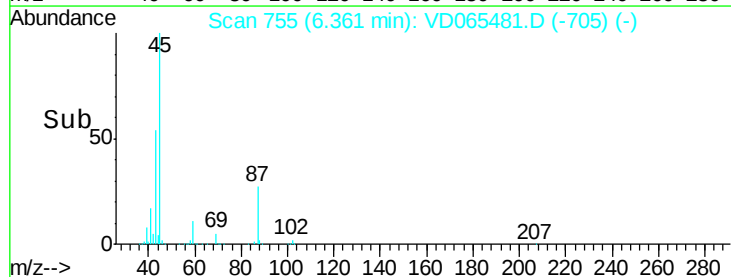
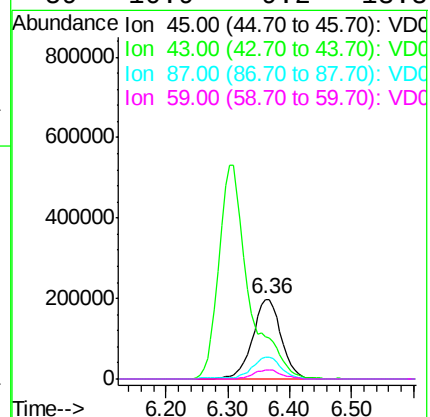
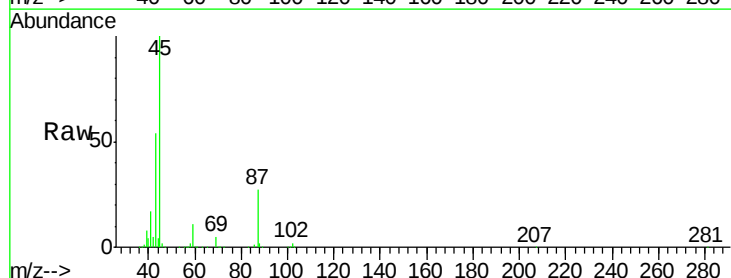
Ion Ratio Lower Upper

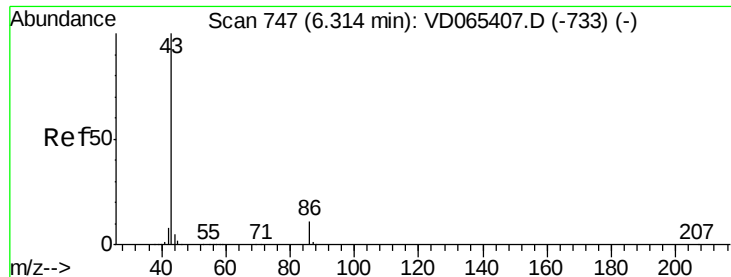
45 100

43 53.1 44.4 66.6

87 26.7 21.9 32.9

59 10.9 9.2 13.8





#23

Vinyl Acetate

Concen: 253.68 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

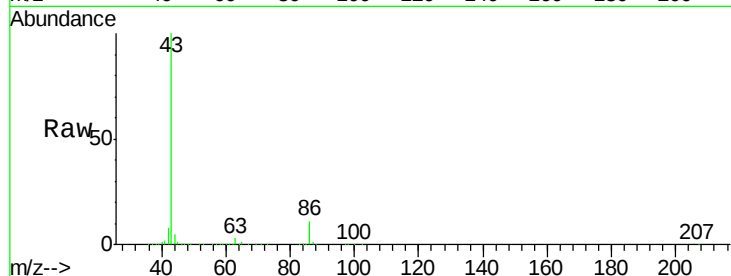
VSTDCCC050EC

Tgt Ion: 43 Resp: 1785004

Ion Ratio Lower Upper

43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

500000

400000

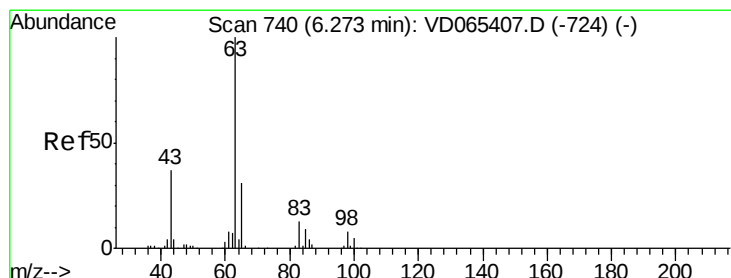
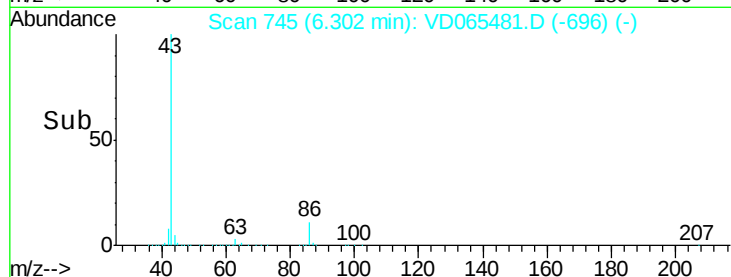
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.32 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

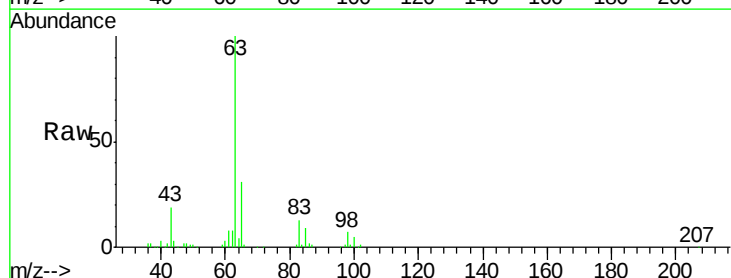
Tgt Ion: 63 Resp: 392796

Ion Ratio Lower Upper

63 100

98 7.0 4.2 12.6

100 5.0 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

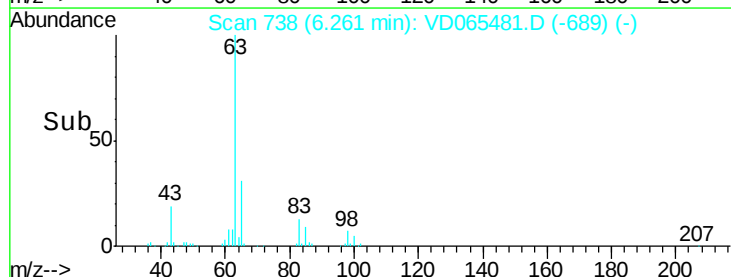
150000

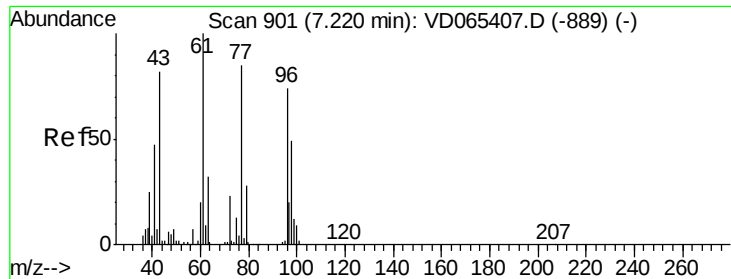
100000

50000

0

Time-->





#25

2-Butanone

Concen: 230.15 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

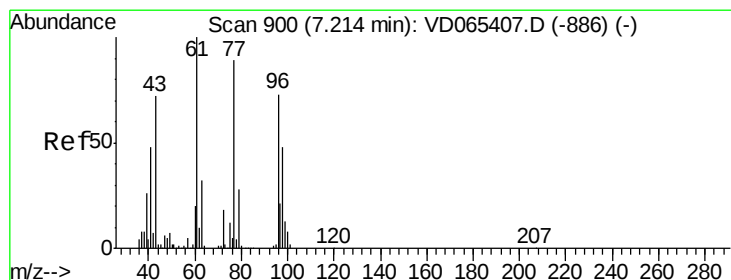
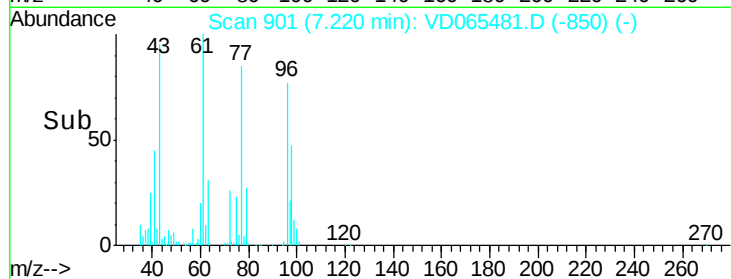
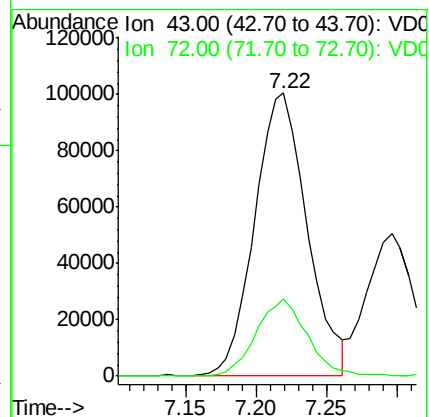
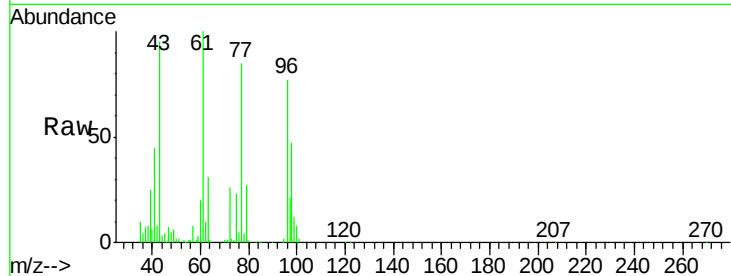
VSTDCCC050EC

Tgt Ion: 43 Resp: 259988

Ion Ratio Lower Upper

43 100

72 27.5 22.3 33.5



#26

2,2-Dichloropropane

Concen: 47.80 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065481.D

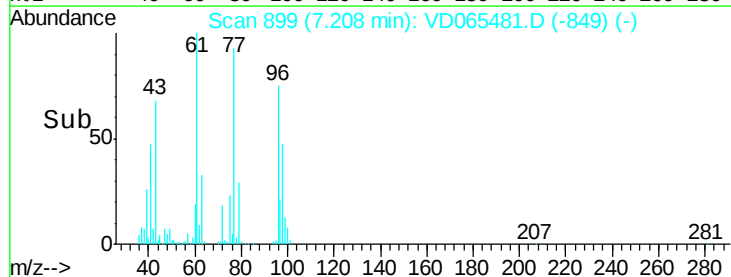
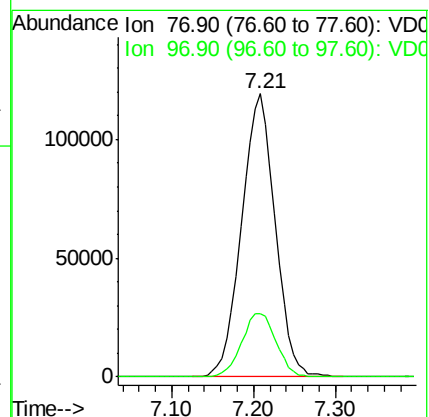
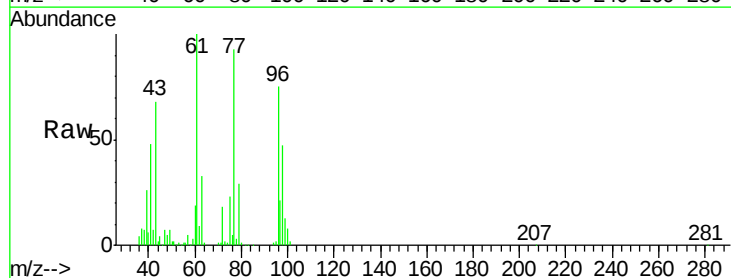
Acq: 11 Mar 2020 16:49

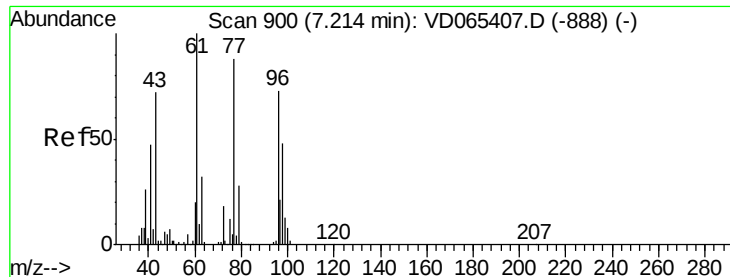
Tgt Ion: 77 Resp: 339510

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 49.49 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

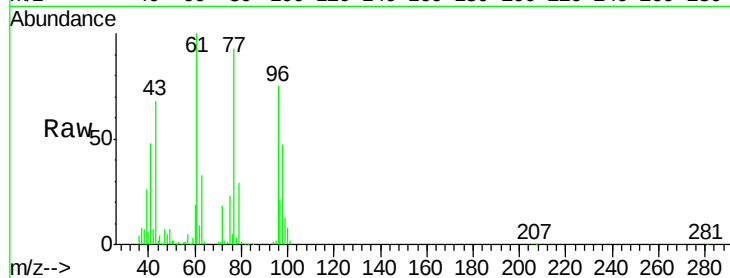
Tgt Ion: 96 Resp: 249734

Ion Ratio Lower Upper

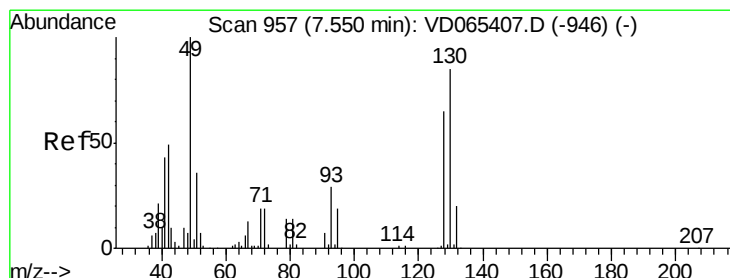
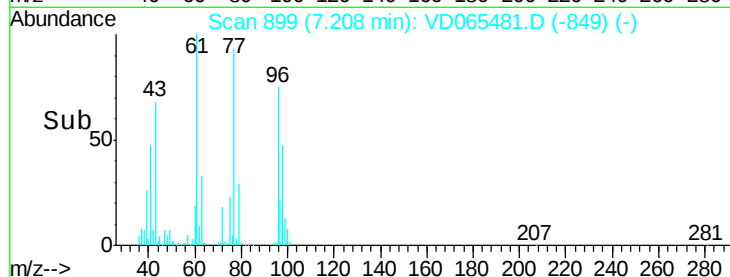
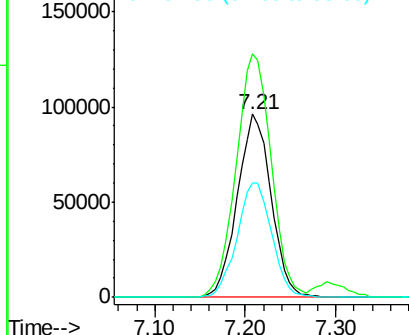
96 100

61 137.6 0.0 280.4

98 64.0 0.0 132.6



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: 51.08 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

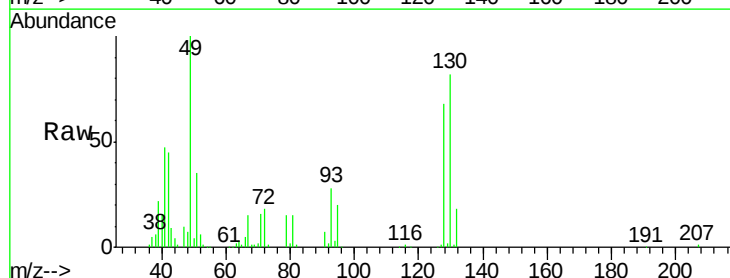
Tgt Ion: 49 Resp: 166116

Ion Ratio Lower Upper

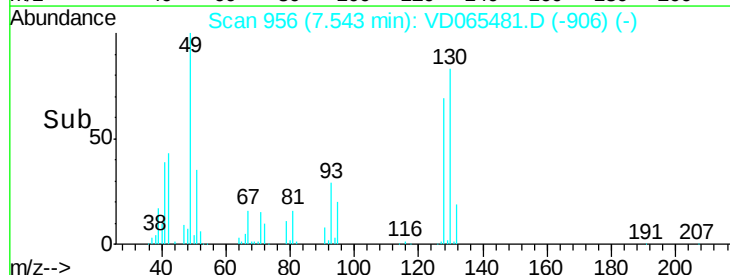
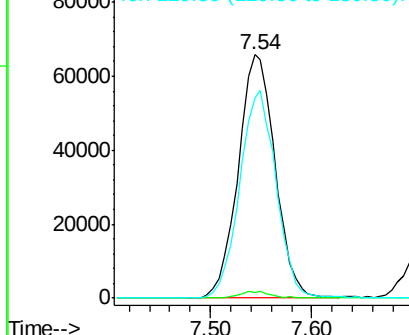
49 100

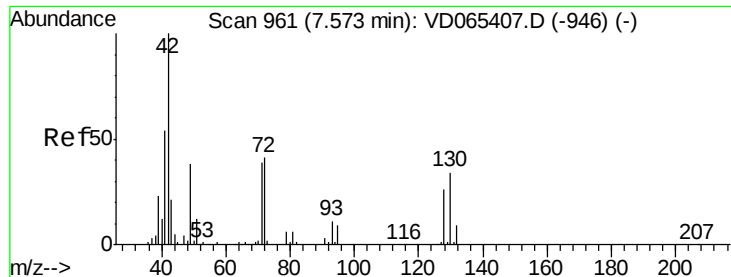
129 2.2 0.0 4.6

130 84.5 66.6 100.0



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

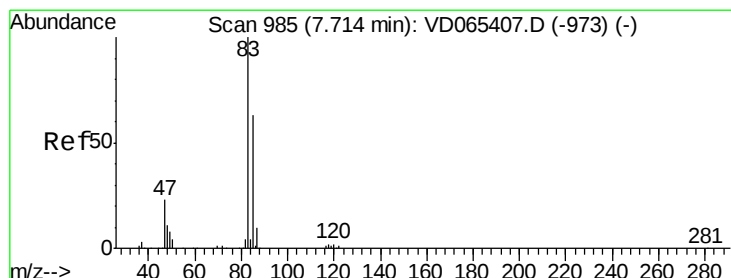
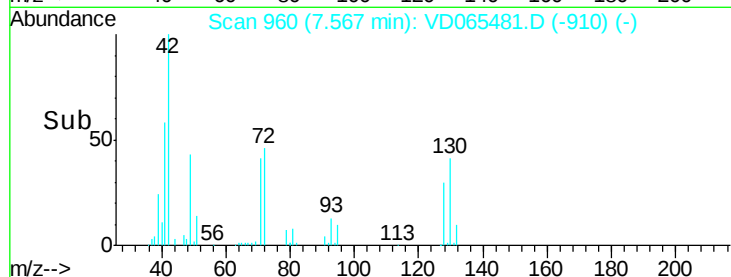
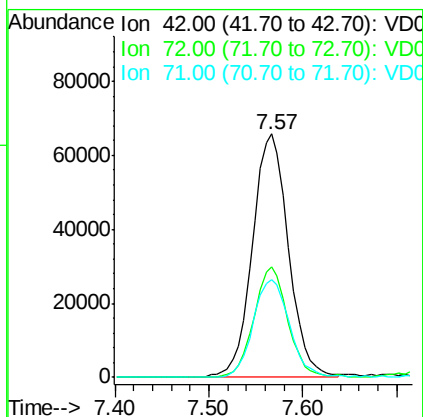
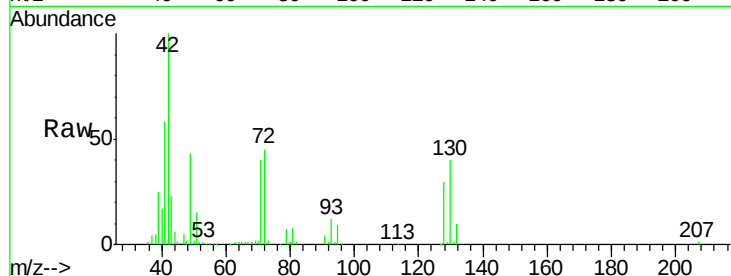




#29
Tetrahydrofuran
Concen: 242.17 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

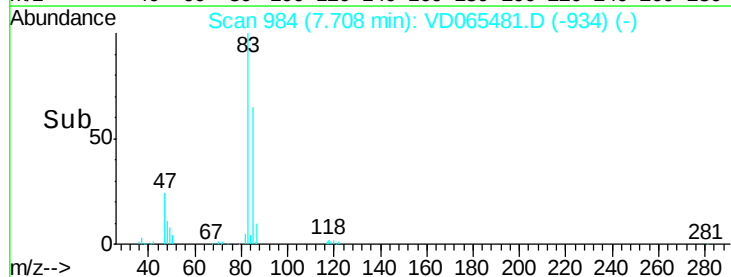
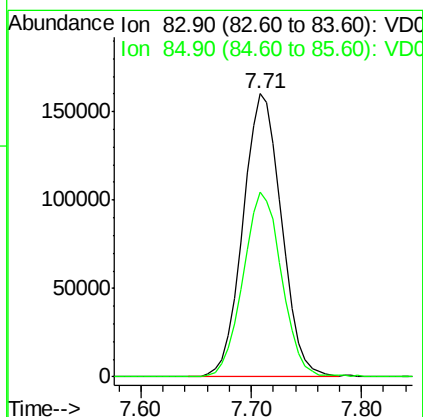
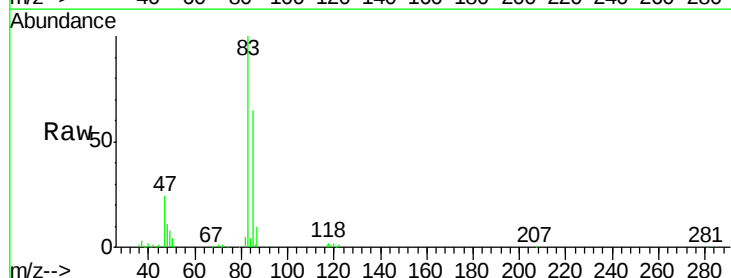
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

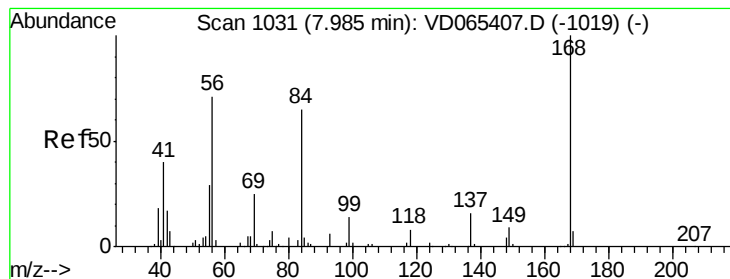
Tgt Ion: 42 Resp: 174704
Ion Ratio Lower Upper
42 100
72 42.4 33.0 49.6
71 40.3 32.0 48.0



#30
Chloroform
Concen: 48.40 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion: 83 Resp: 393181
Ion Ratio Lower Upper
83 100
85 65.3 50.3 75.5





#31

Cyclohexane

Concen: 44.03 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

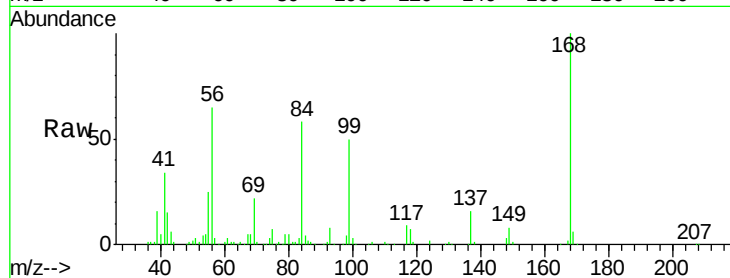
Tgt Ion: 56 Resp: 357825

Ion Ratio Lower Upper

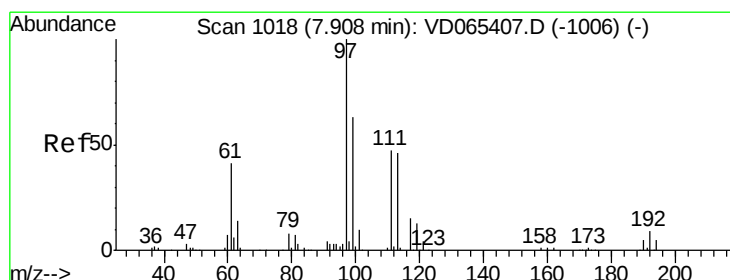
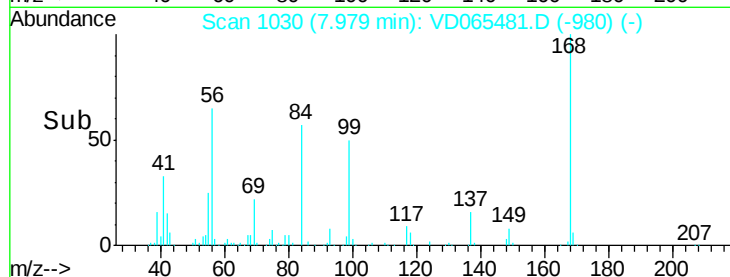
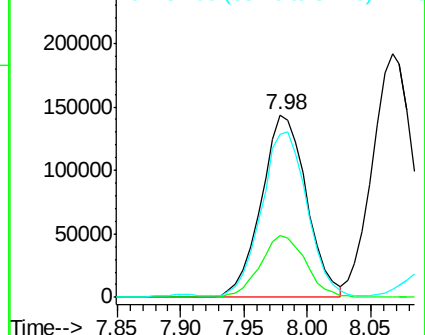
56 100

69 33.6 28.3 42.5

84 87.9 73.1 109.7



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



#32

1,1,1-Trichloroethane

Concen: 47.67 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

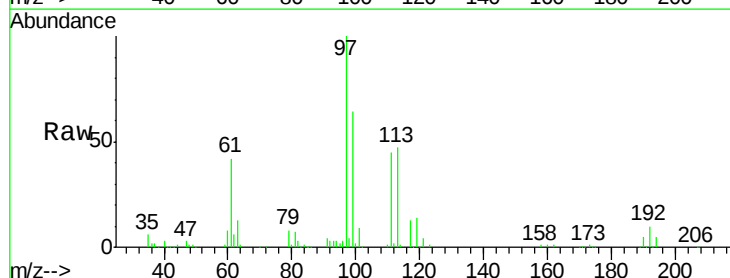
Tgt Ion: 97 Resp: 357939

Ion Ratio Lower Upper

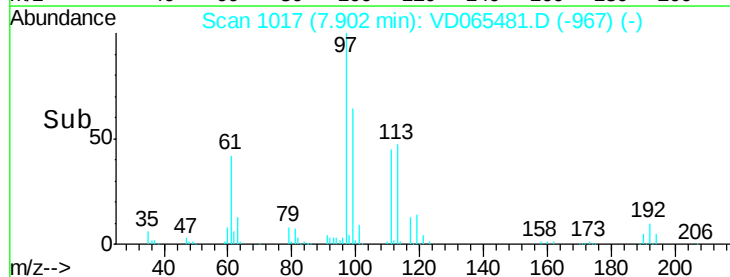
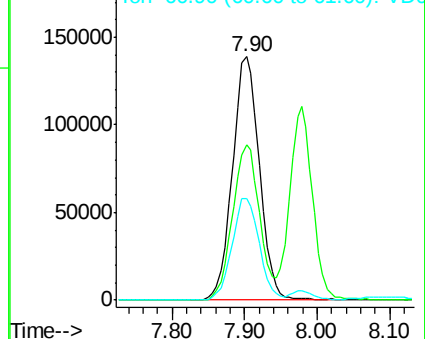
97 100

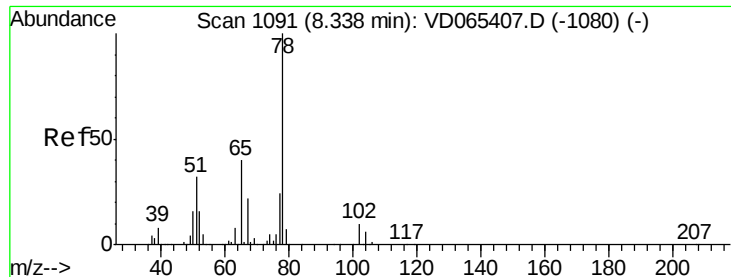
99 64.5 50.9 76.3

61 42.2 33.2 49.8



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





#33

1,2-Dichloroethane-d4

Concen: 49.30 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

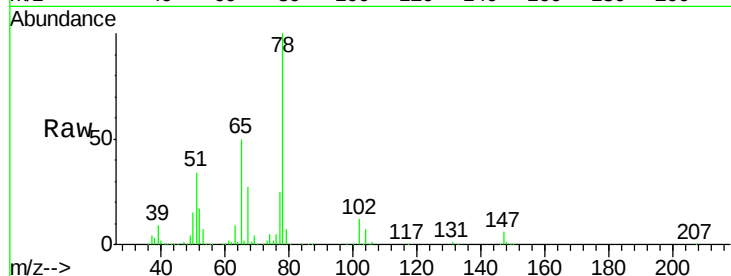
VSTDCCC050EC

Tgt Ion: 65 Resp: 201772

Ion Ratio Lower Upper

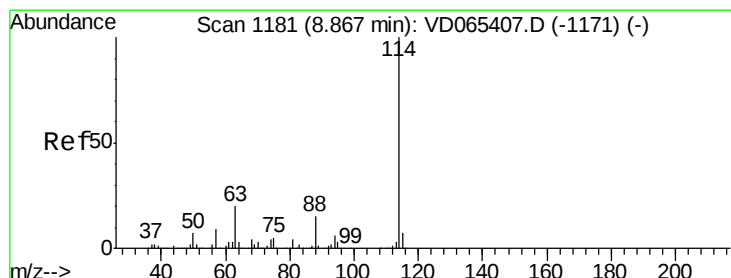
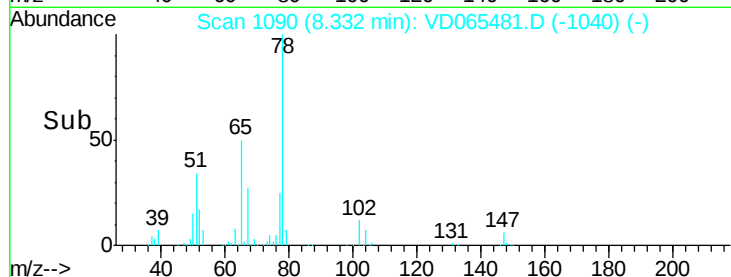
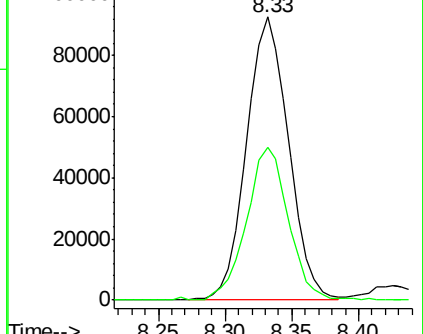
65 100

67 53.9 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

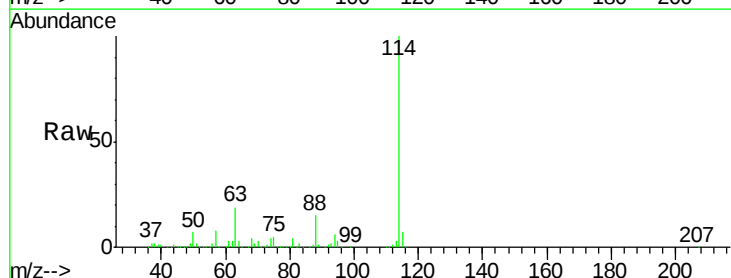
Tgt Ion: 114 Resp: 682088

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

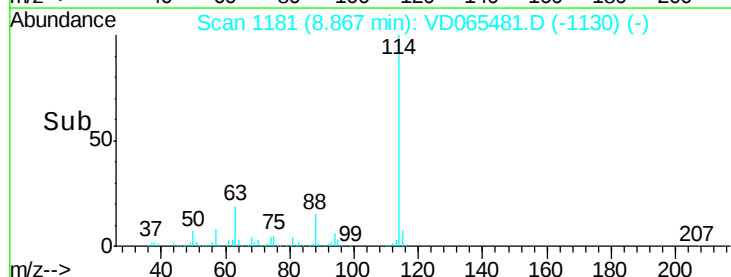
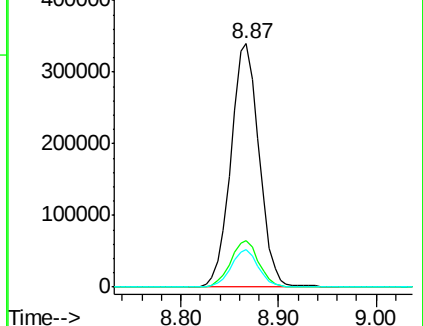
88 15.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

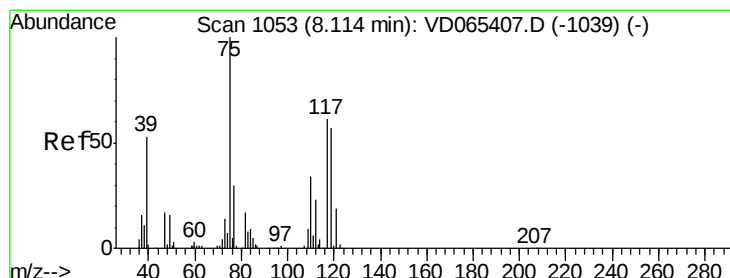
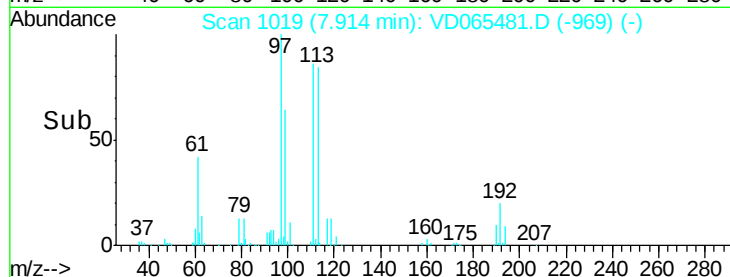
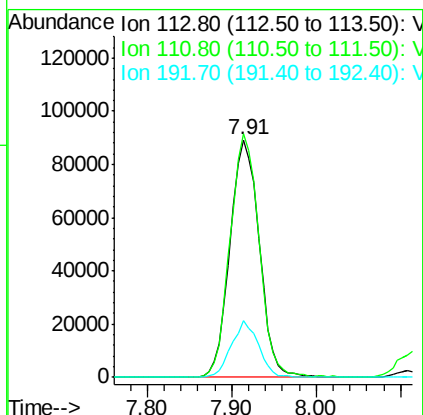
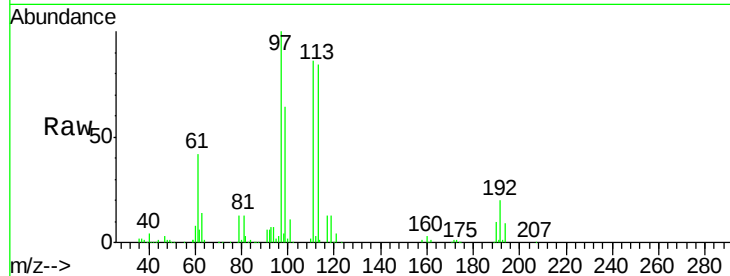




#35
 Dibromofluoromethane
 Concen: 50.77 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

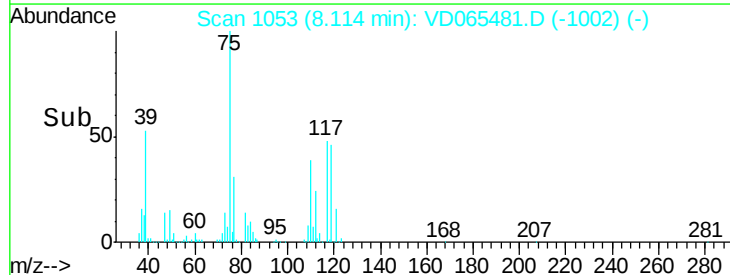
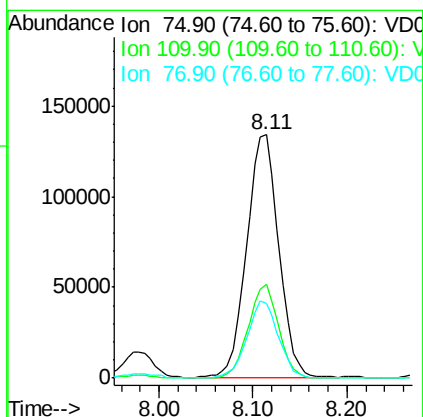
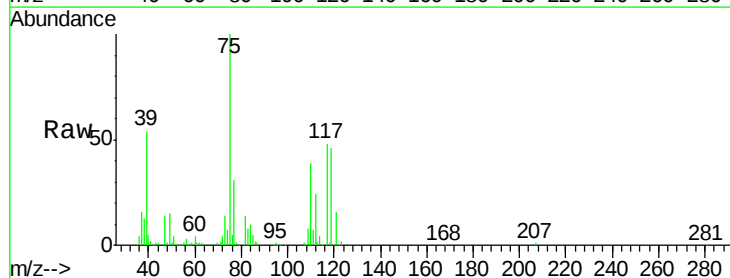
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

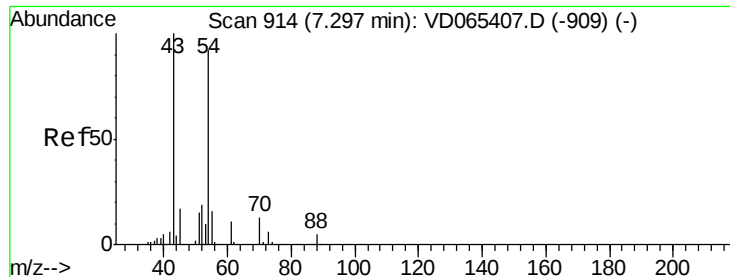
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.1	123.1
192	22.2	17.2	25.8



#36
 1,1-Dichloropropene
 Concen: 48.44 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.1
77	31.5	25.2	37.8

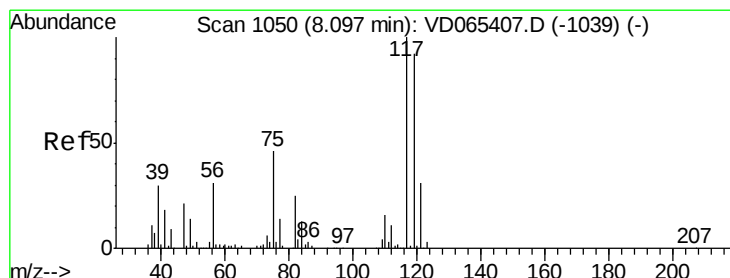
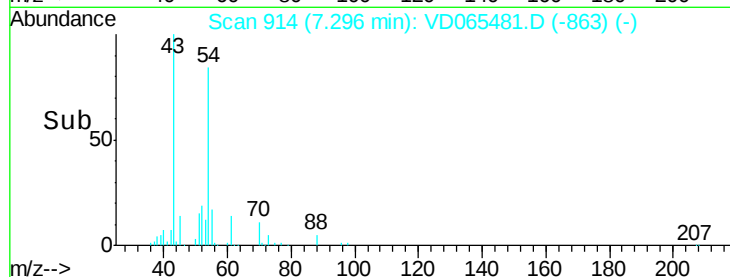
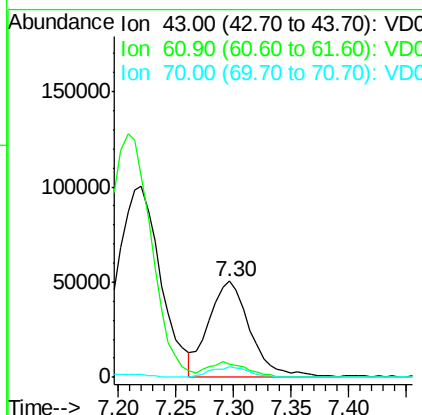
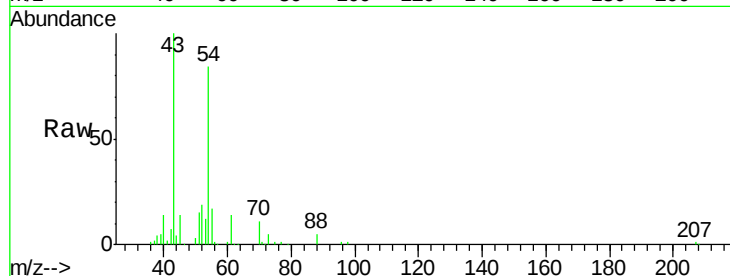




#37
Ethyl Acetate
Concen: 48.84 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

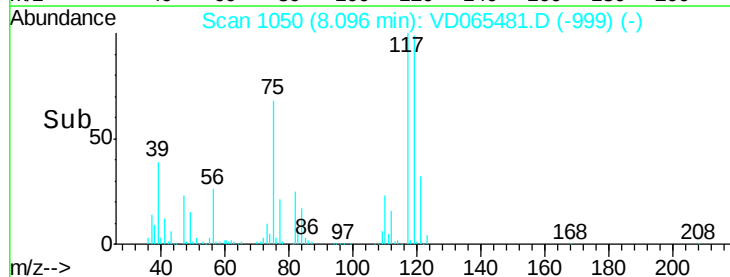
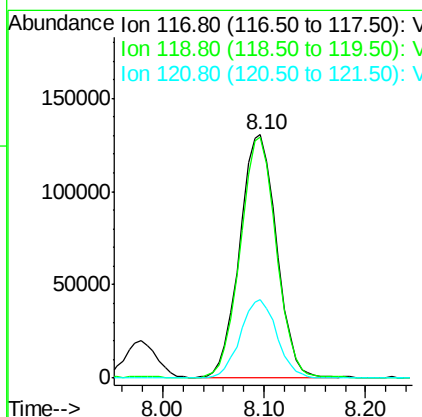
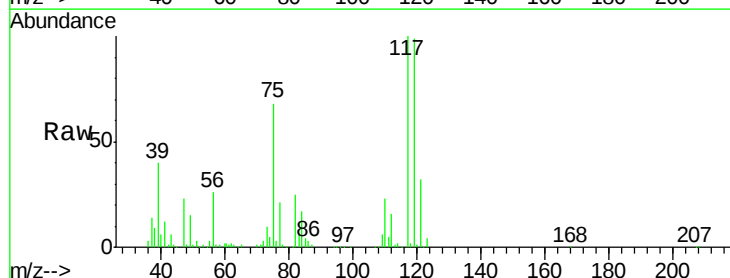
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 123430
Ion Ratio Lower Upper
43 100
61 14.1 11.4 17.0
70 10.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 48.26 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion: 117 Resp: 327180
Ion Ratio Lower Upper
117 100
119 99.2 73.3 109.9
121 32.5 25.0 37.4

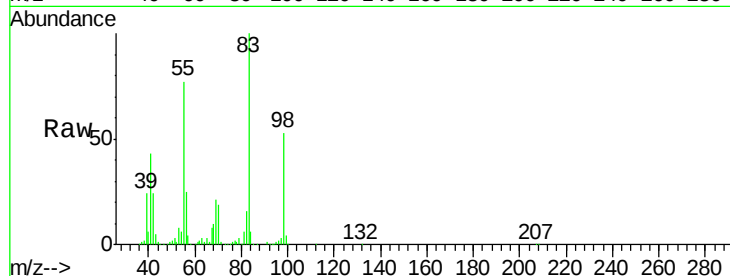




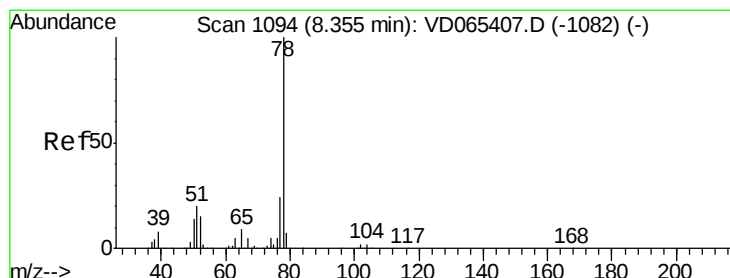
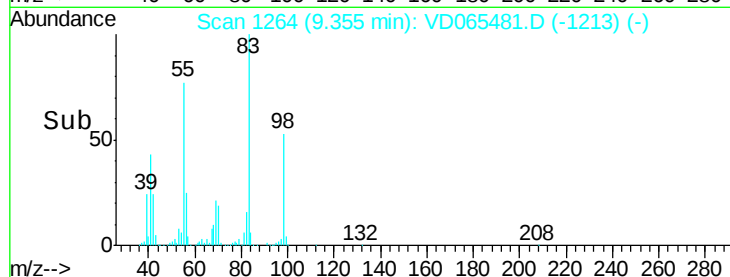
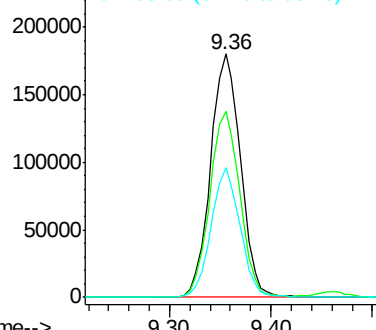
#39
Methylcyclohexane
Concen: 46.83 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 369812
Ion Ratio Lower Upper
83 100
55 76.5 57.1 85.7
98 53.4 37.8 56.8

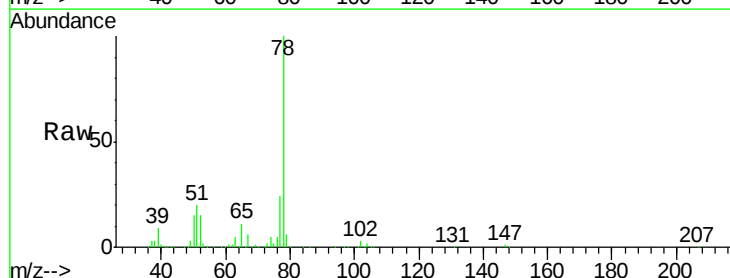


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

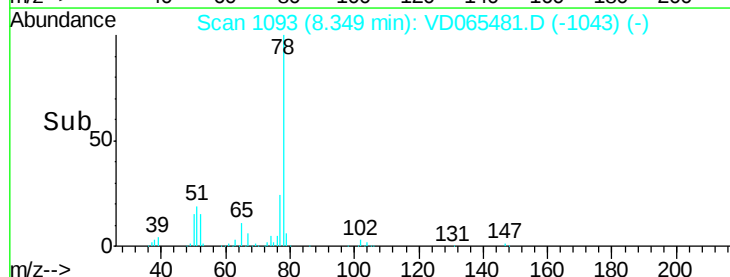
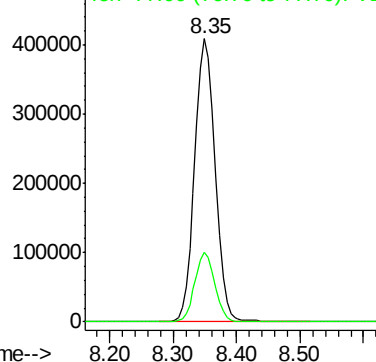


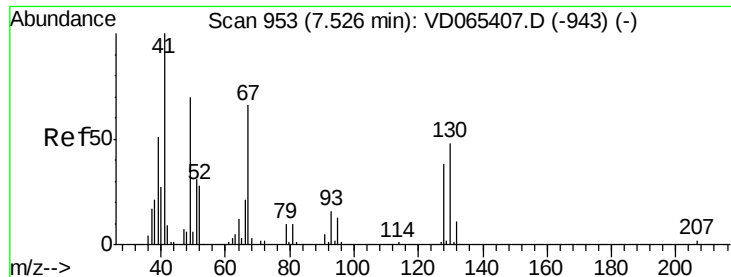
#40
Benzene
Concen: 50.11 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion: 78 Resp: 916006
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0



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





#41

Methacrylonitrile

Concen: 50.81 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 67913

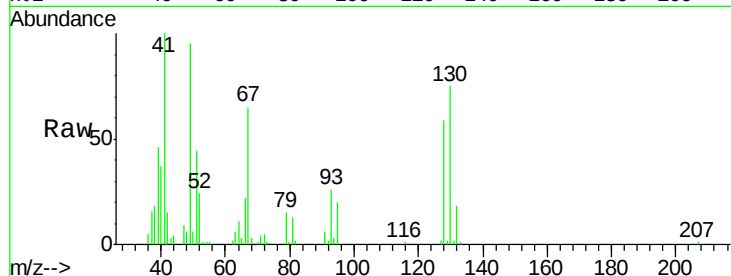
Ion Ratio Lower Upper

41 100

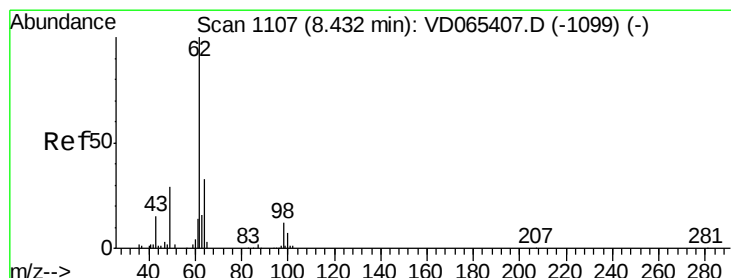
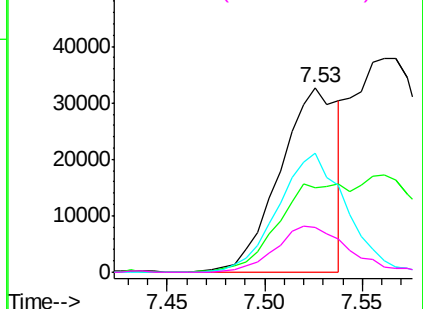
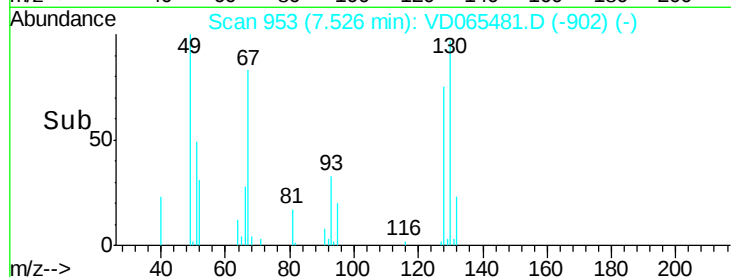
39 42.6 55.0 82.6#

67 76.0 70.3 105.5

52 31.0 30.7 46.1



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



#42

1,2-Dichloroethane

Concen: 49.62 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD065481.D

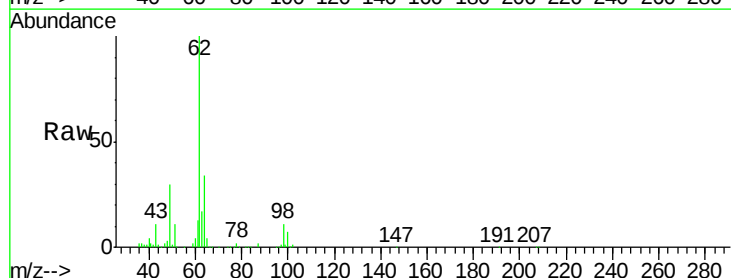
Acq: 11 Mar 2020 16:49

Tgt Ion: 62 Resp: 236849

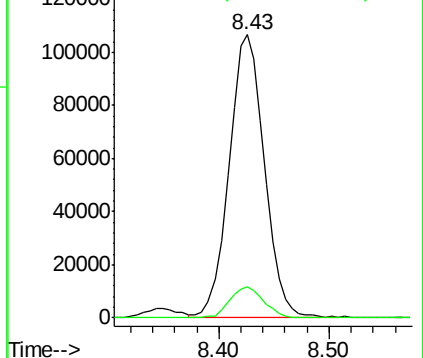
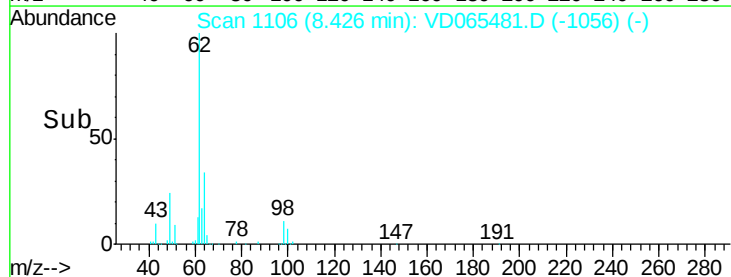
Ion Ratio Lower Upper

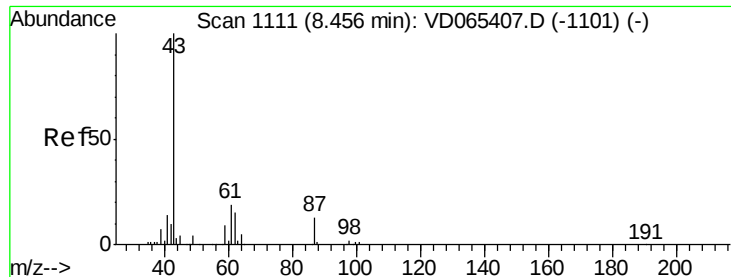
62 100

98 10.8 0.0 21.4



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

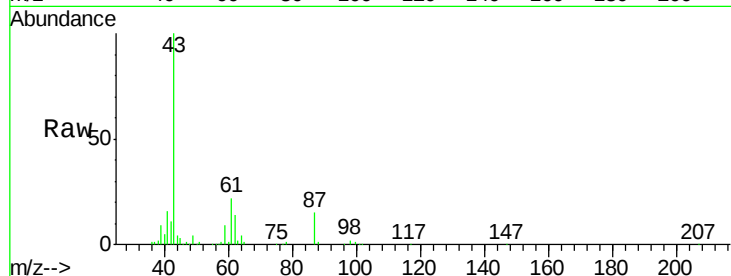




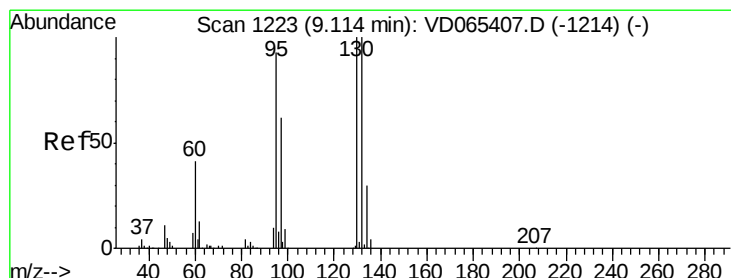
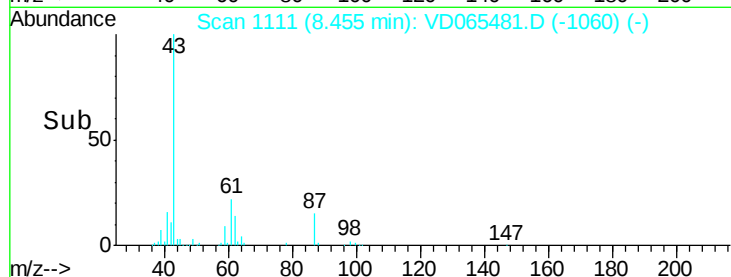
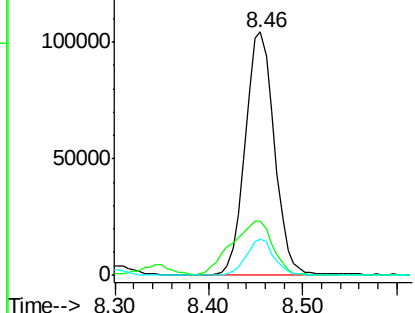
#43
Isopropyl Acetate
Concen: 48.22 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 224981
Ion Ratio Lower Upper
43 100
61 31.2 25.0 37.6
87 14.0 11.0 16.4

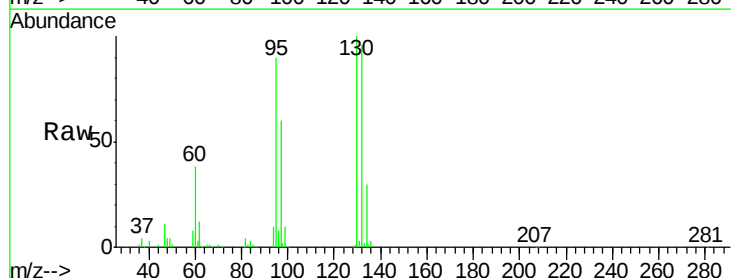


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

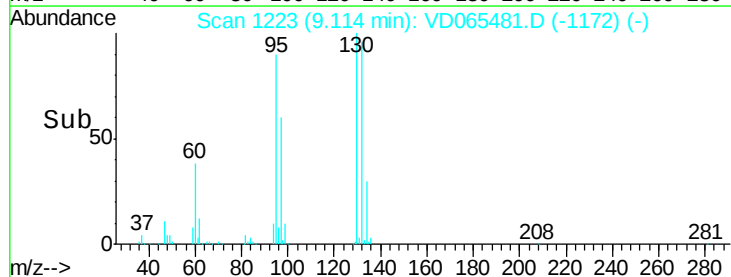
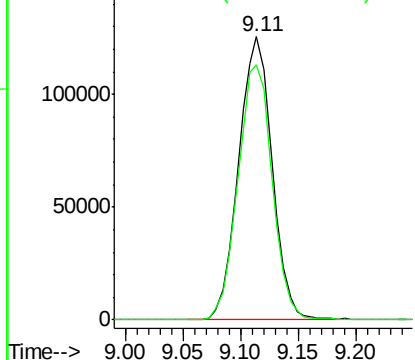


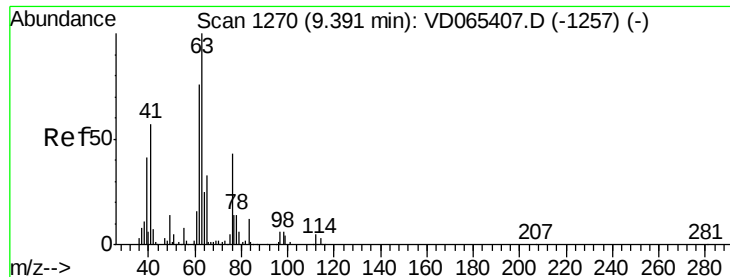
#44
Trichloroethene
Concen: 48.99 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion: 130 Resp: 252928
Ion Ratio Lower Upper
130 100
95 90.0 0.0 186.0



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

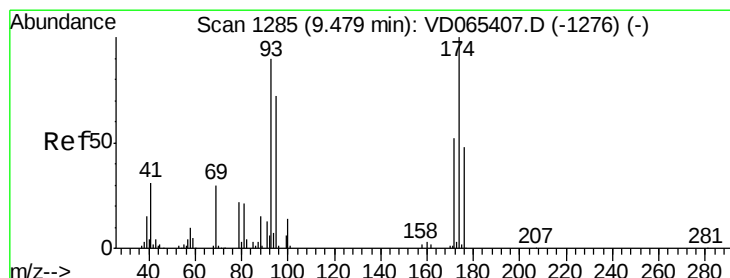
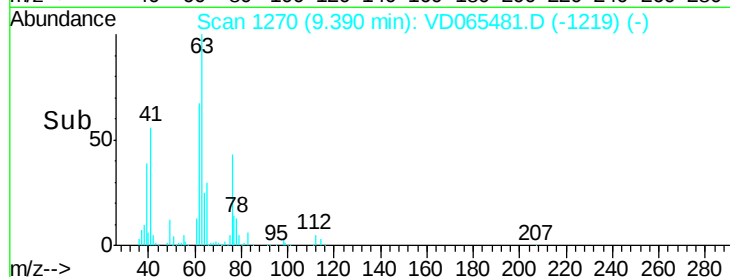
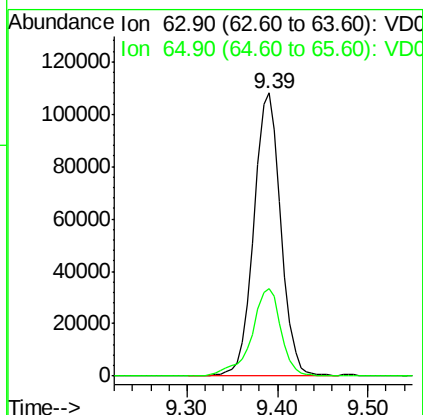
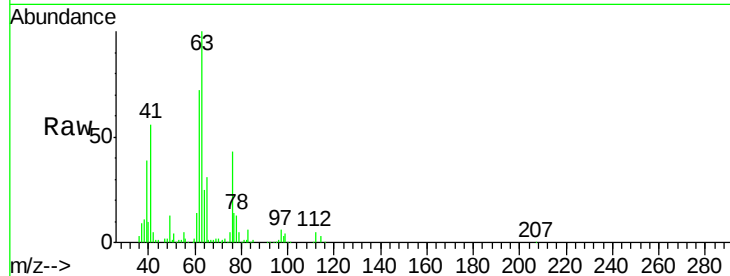




#45
 1,2-Dichloropropane
 Concen: 50.32 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

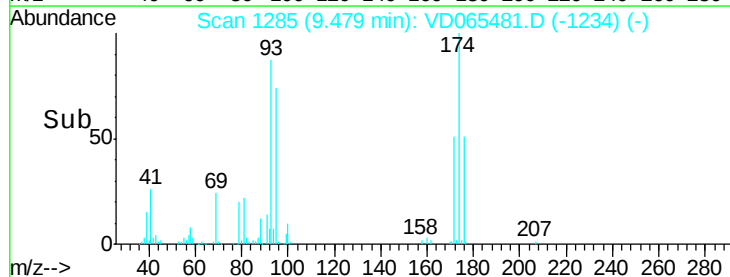
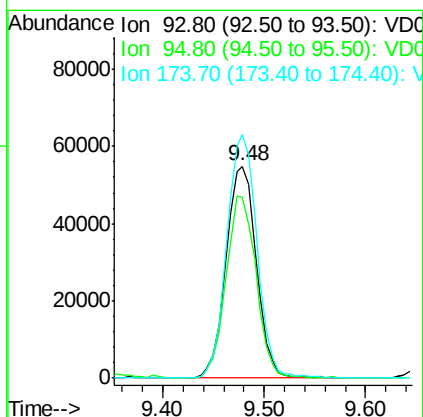
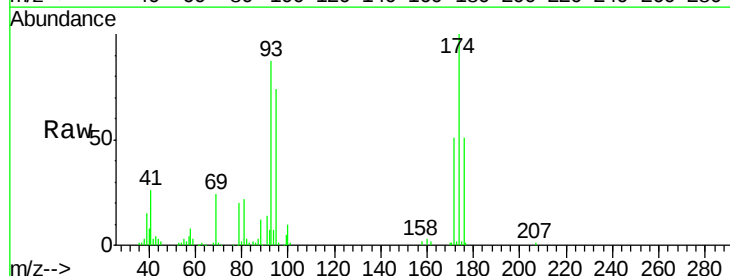
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 222814
 Ion Ratio Lower Upper
 63 100
 65 31.1 26.4 39.6



#46
 Dibromomethane
 Concen: 49.63 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Tgt Ion: 93 Resp: 114005
 Ion Ratio Lower Upper
 93 100
 95 85.2 65.0 97.6
 174 114.4 88.3 132.5





#47

Bromodichloromethane

Concen: 49.83 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

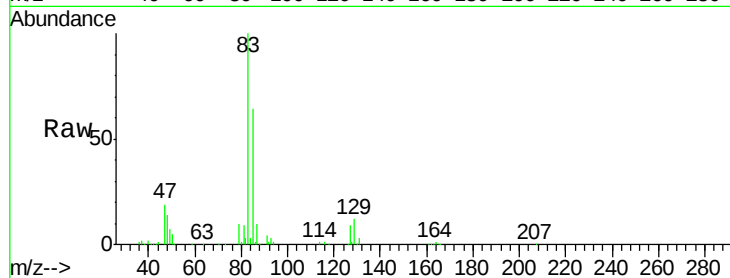
Tgt Ion: 83 Resp: 297783

Ion Ratio Lower Upper

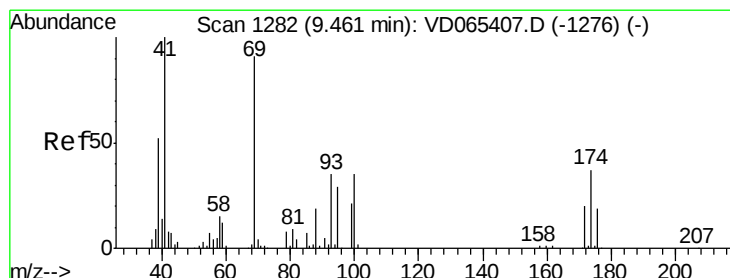
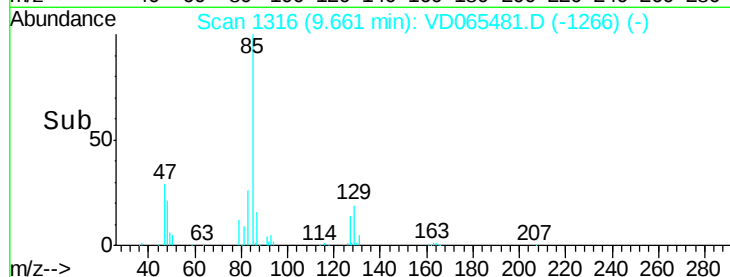
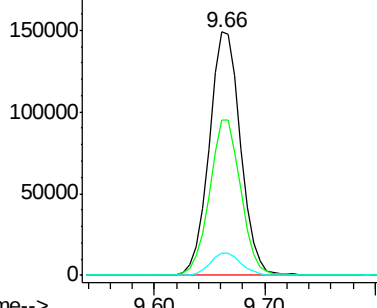
83 100

85 63.9 52.8 79.2

127 9.0 8.0 12.0



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



#48

Methyl methacrylate

Concen: 48.28 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

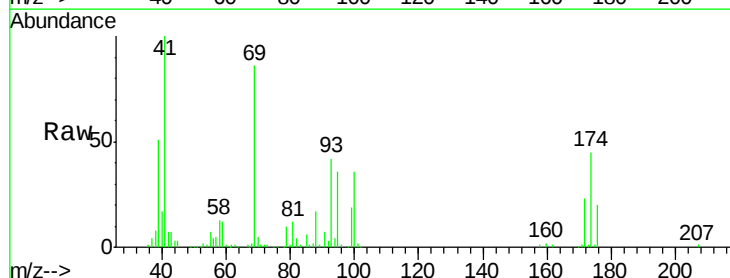
Tgt Ion: 41 Resp: 105961

Ion Ratio Lower Upper

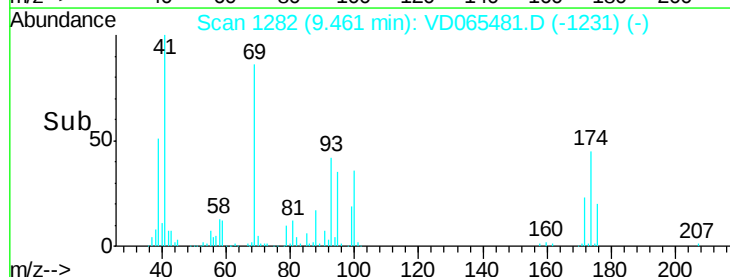
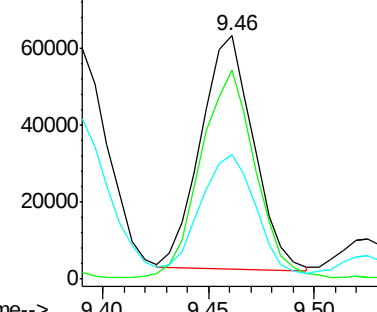
41 100

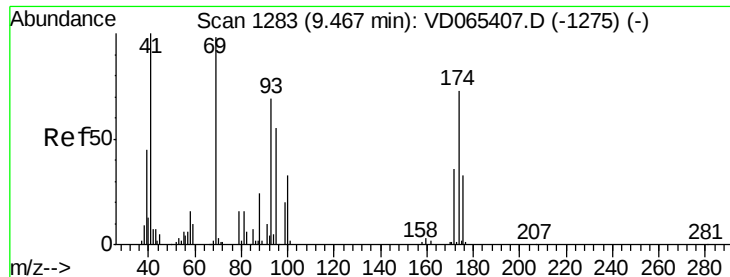
69 92.5 72.5 108.7

39 52.8 41.6 62.4



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

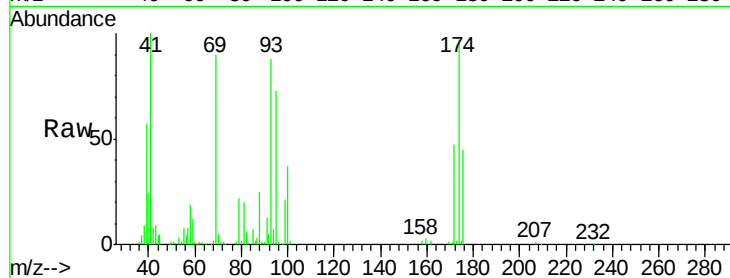




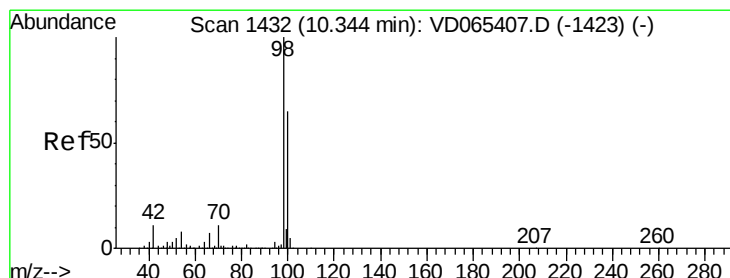
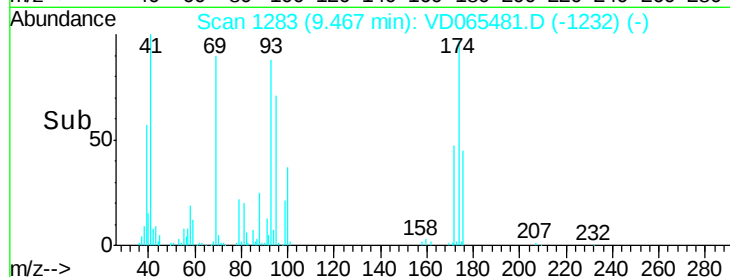
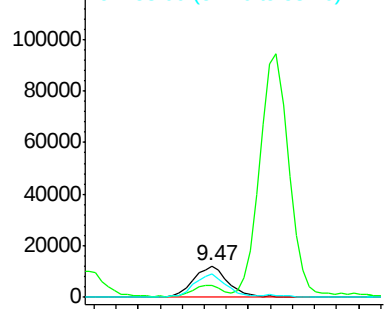
#49
1,4-Dioxane
Concen: 1007.03 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 26458
Ion Ratio Lower Upper
88 100
43 30.3 24.5 36.7
58 71.1 54.5 81.7

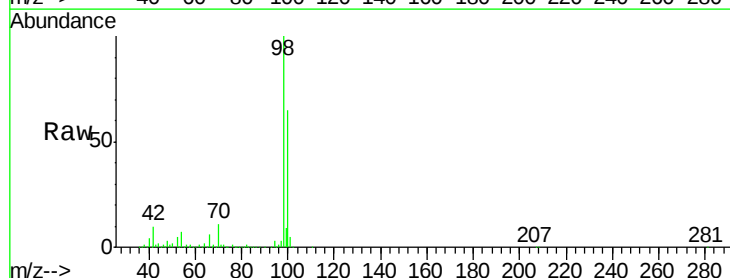


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

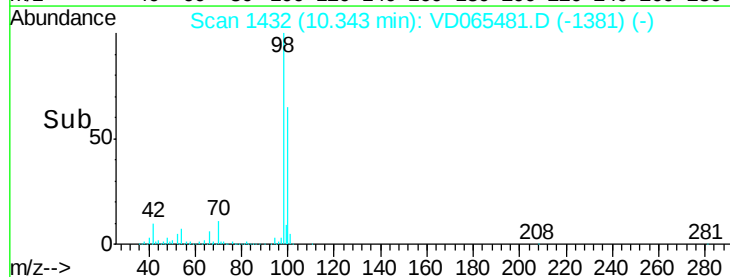
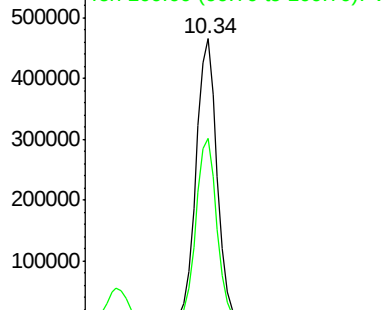


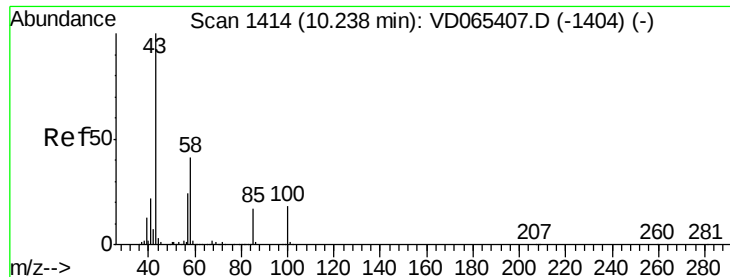
#50
Toluene-d8
Concen: 51.46 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion: 98 Resp: 832722
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2



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

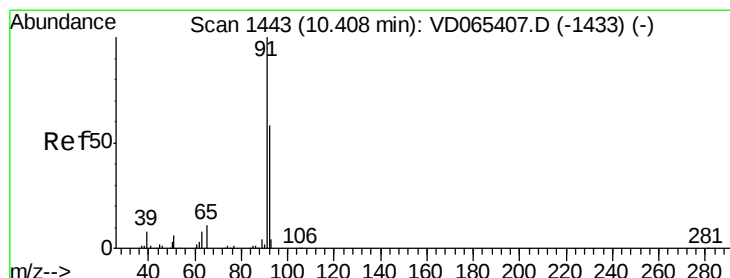
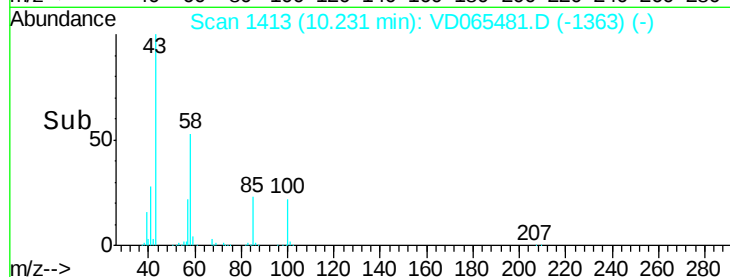
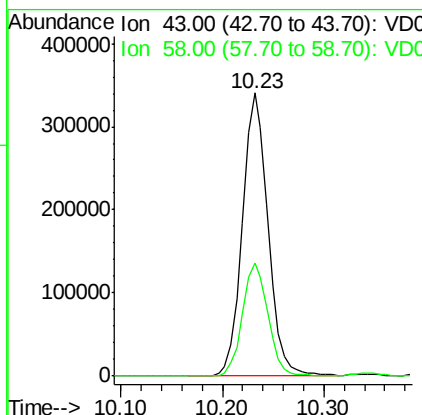
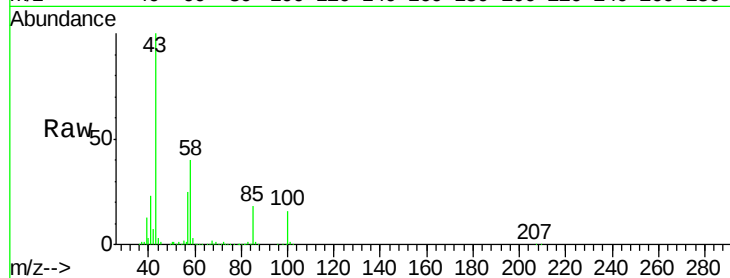




#51
4-Methyl-2-Pentanone
Concen: 254.72 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.01 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

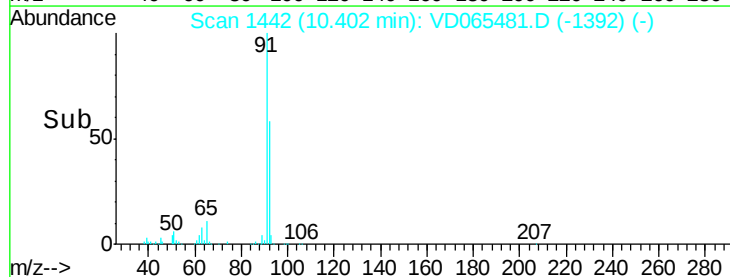
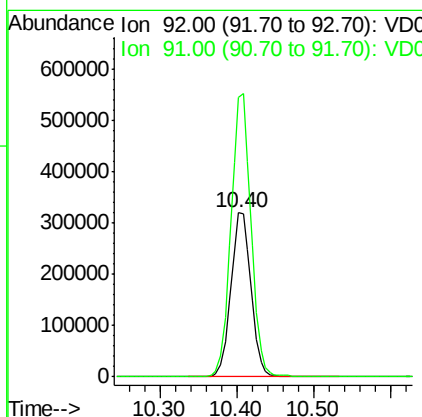
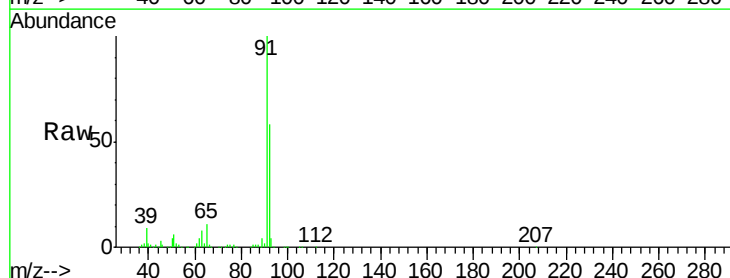
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

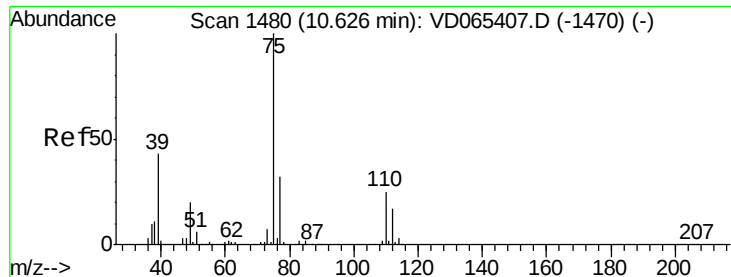
Tgt Ion: 43 Resp: 598126
Ion Ratio Lower Upper
43 100
58 40.0 31.8 47.6



#52
Toluene
Concen: 50.84 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.01 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion: 92 Resp: 585442
Ion Ratio Lower Upper
92 100
91 171.5 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 50.34 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

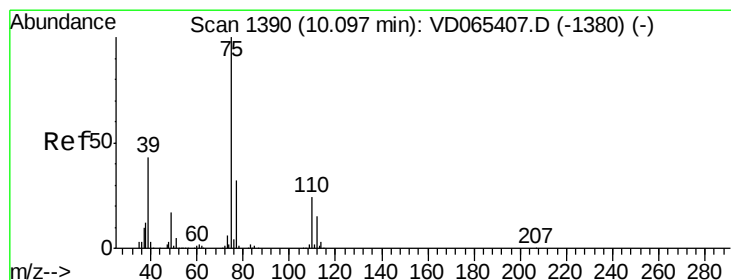
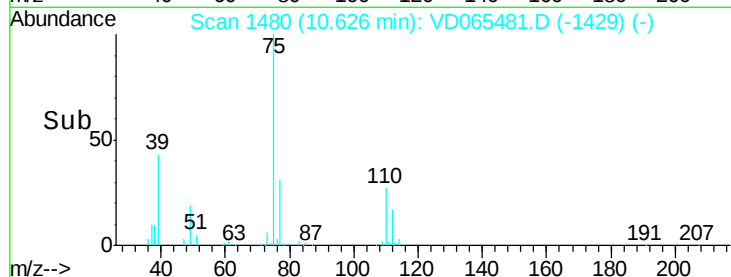
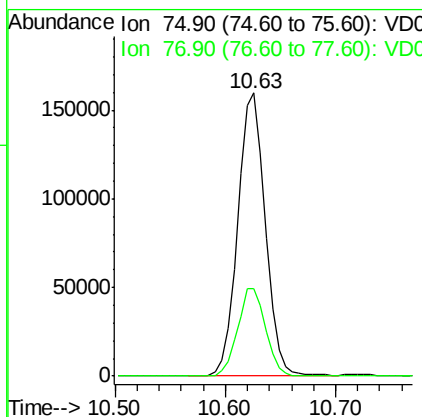
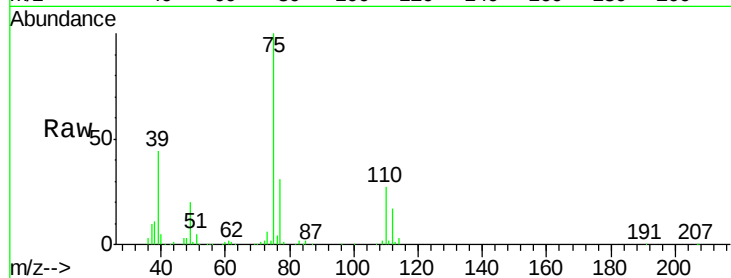
VSTDCCC050EC

Tgt Ion: 75 Resp: 281126

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.47 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

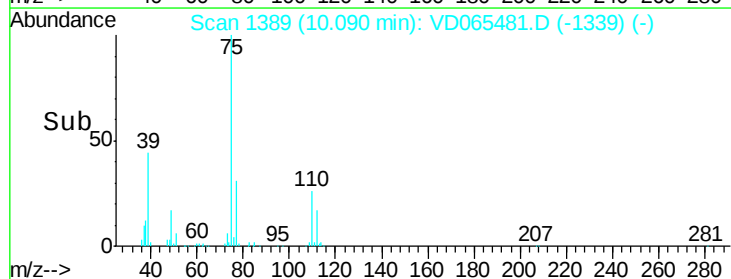
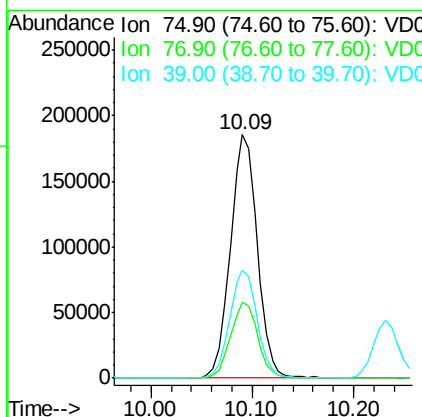
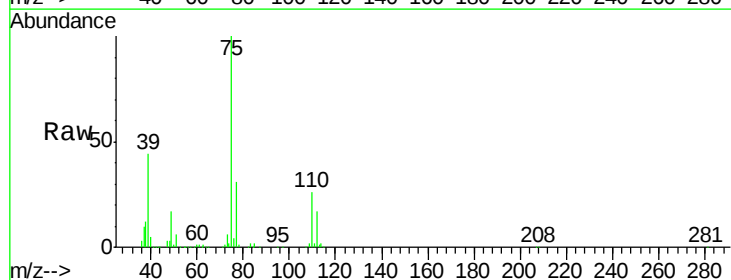
Tgt Ion: 75 Resp: 341165

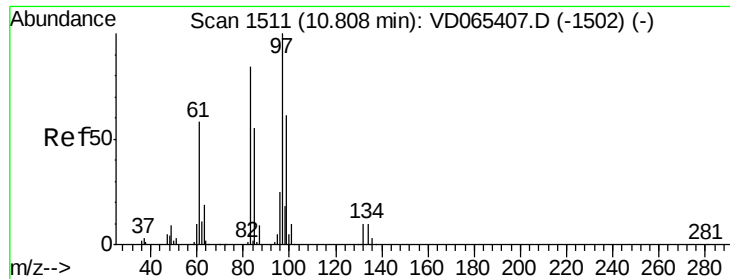
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 44.2 34.6 52.0

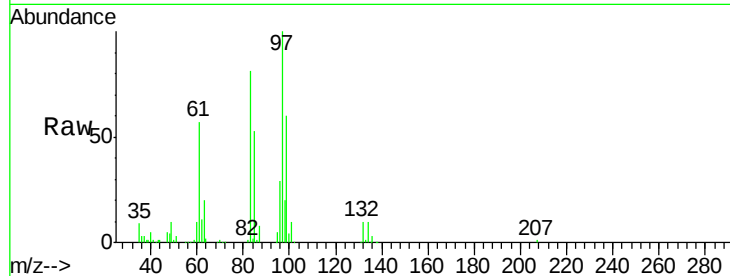




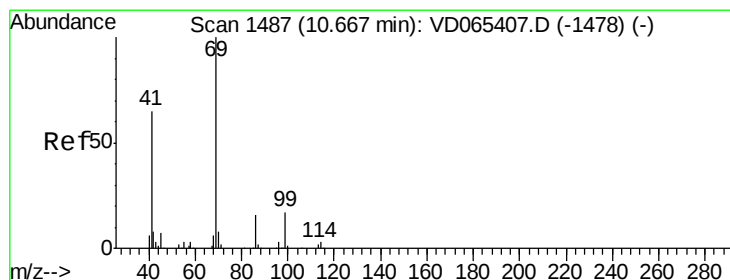
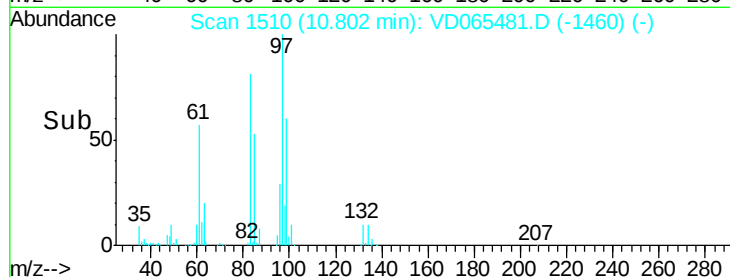
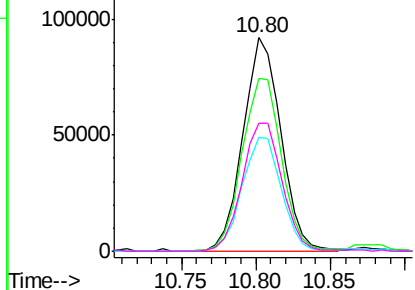
#55
 1,1,2-Trichloroethane
 Concen: 49.23 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	160171
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.4	101.0
85	53.6	43.8	65.8
99	60.1	48.8	73.2

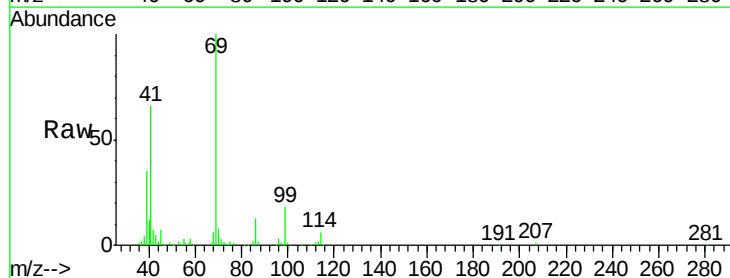


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

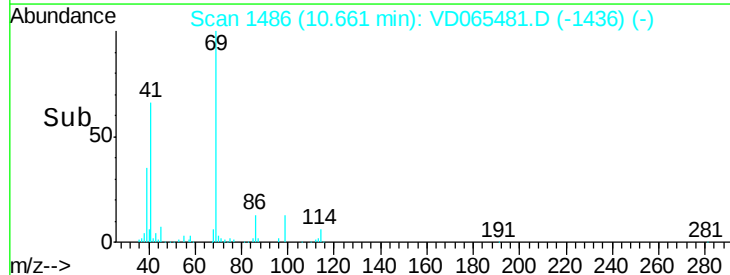
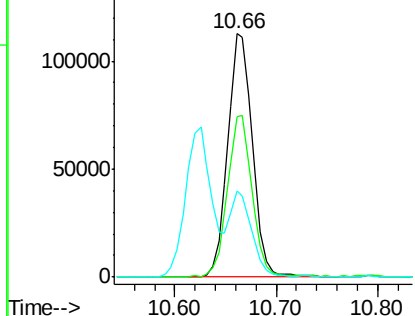


#56
 Ethyl methacrylate
 Concen: 52.02 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Tgt Ion:	69	Resp:	190775
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.0	79.6
39	29.7	26.0	39.0



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: 50.33 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

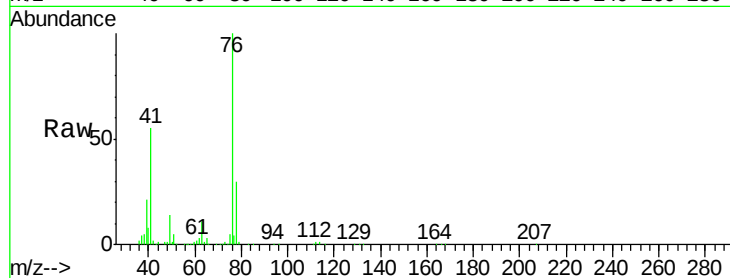
VSTDCCC050EC

Tgt Ion: 76 Resp: 277058

Ion Ratio Lower Upper

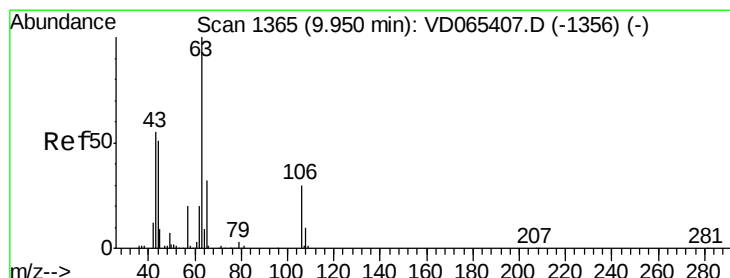
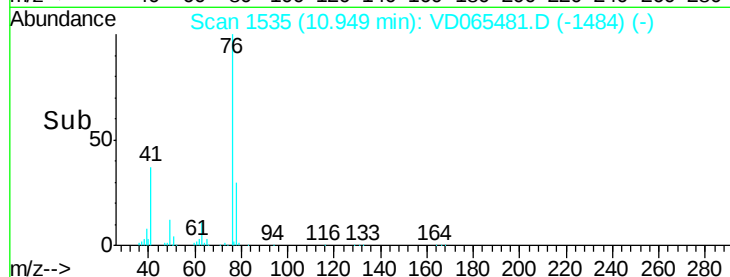
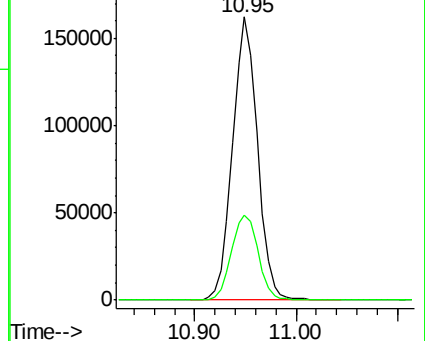
76 100

78 32.3 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 240.39 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065481.D

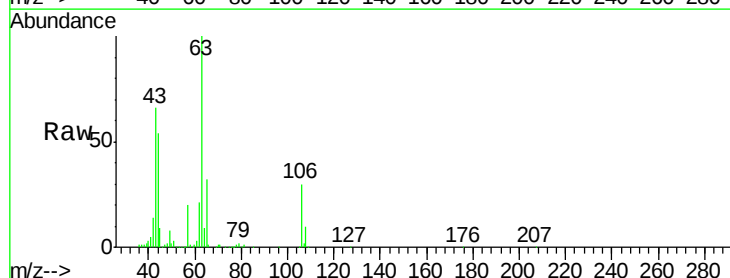
Acq: 11 Mar 2020 16:49

Tgt Ion: 63 Resp: 275452

Ion Ratio Lower Upper

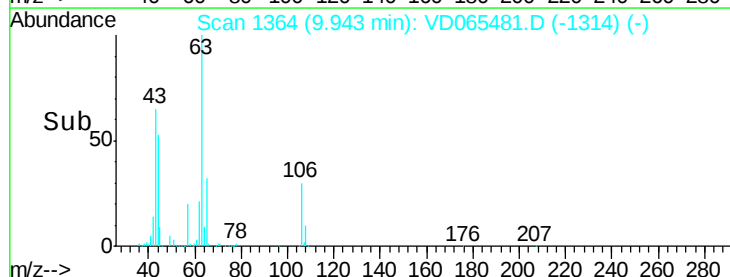
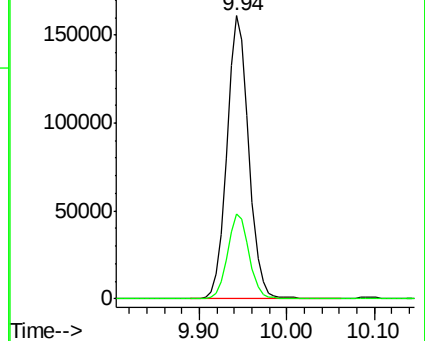
63 100

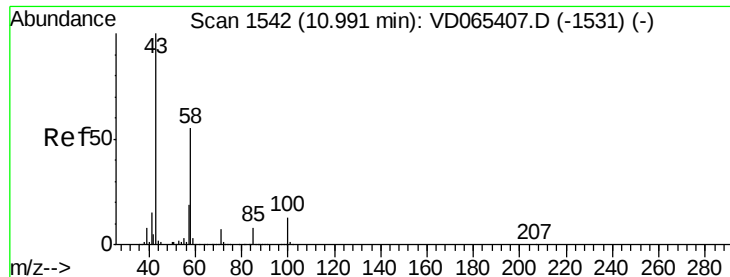
106 29.5 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

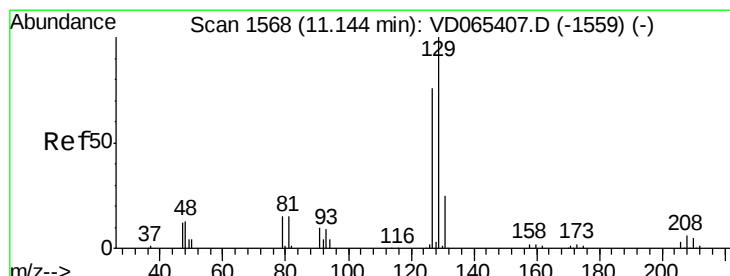
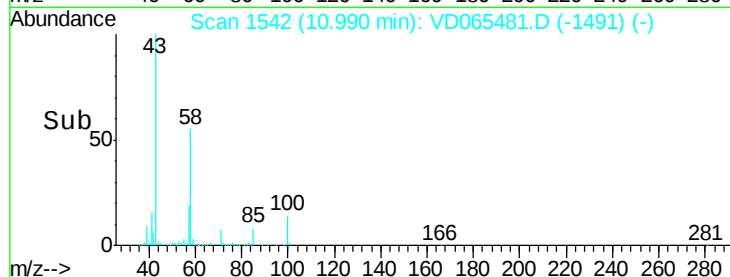
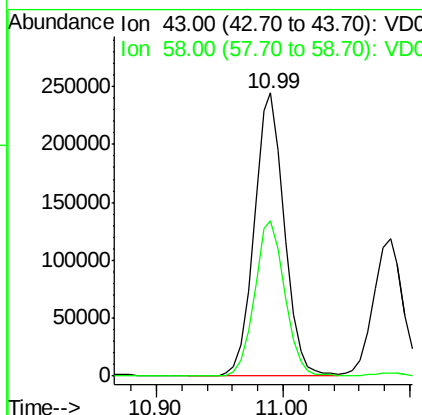
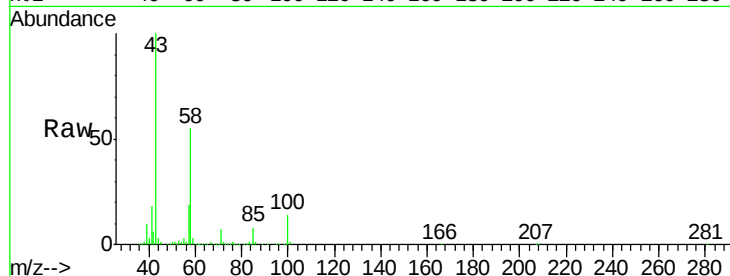




#59
2-Hexanone
Concen: 248.59 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

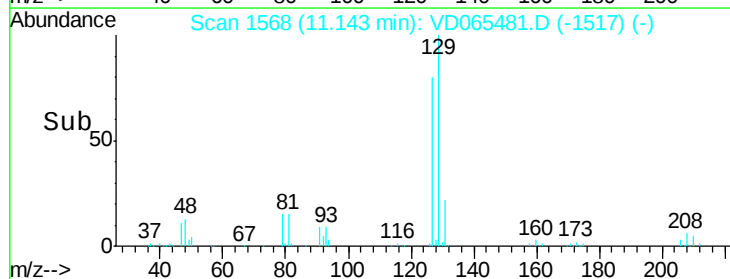
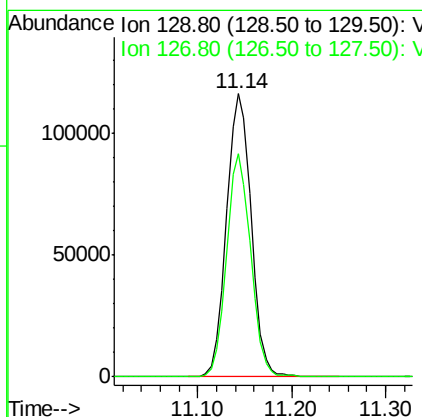
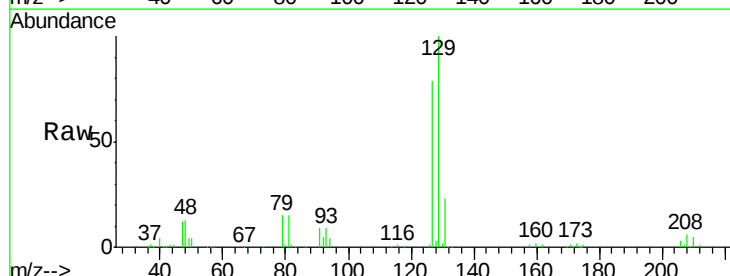
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

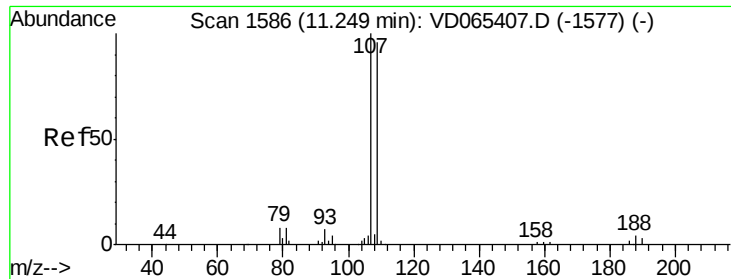
Tgt Ion: 43 Resp: 404081
Ion Ratio Lower Upper
43 100
58 55.1 27.4 82.2



#60
Dibromochloromethane
Concen: 50.73 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion: 129 Resp: 211559
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

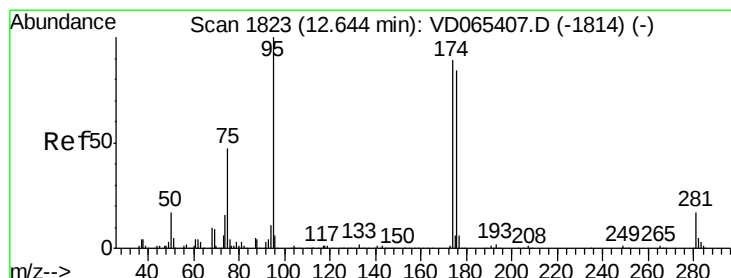
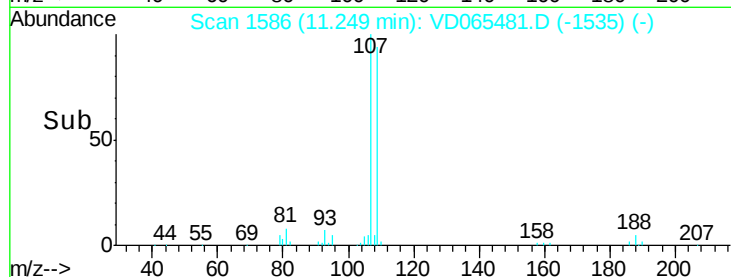
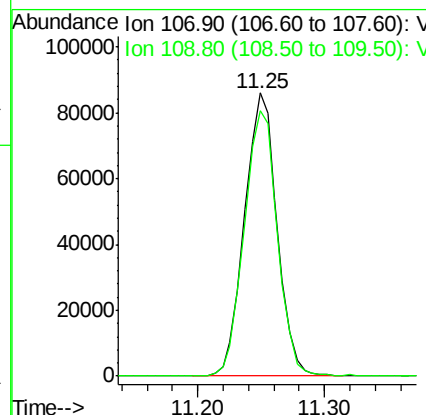
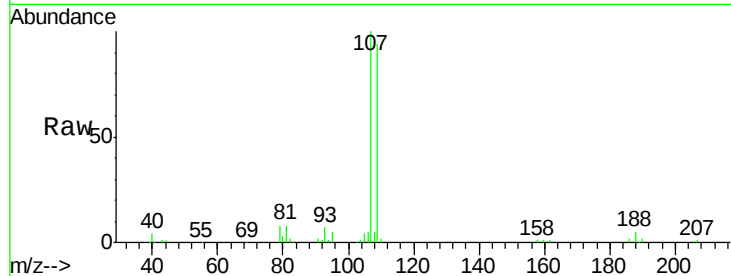




#61
 1,2-Dibromoethane
 Concen: 49.38 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

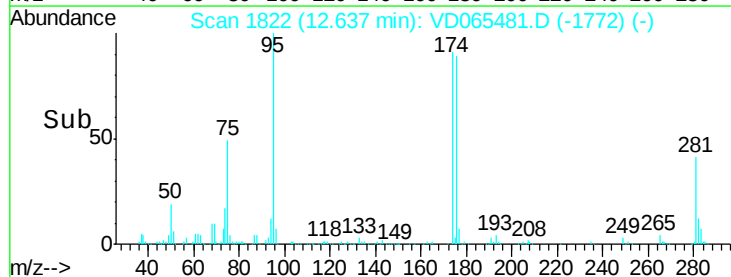
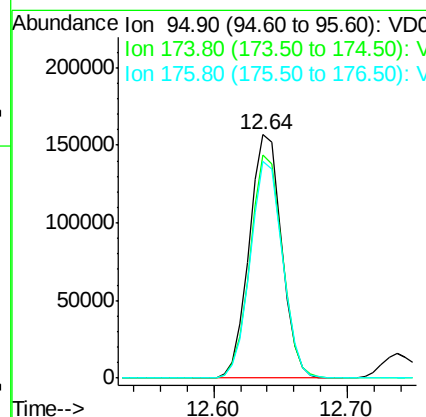
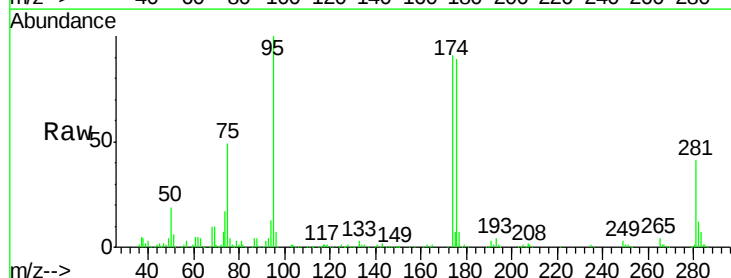
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

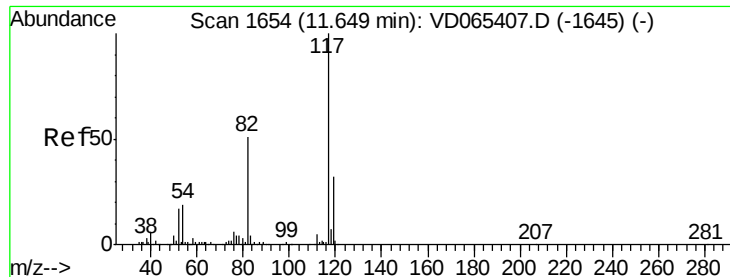
Tgt Ion: 107 Resp: 153219
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 52.37 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Tgt Ion: 95 Resp: 261602
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 176.8
 176 88.7 0.0 171.4

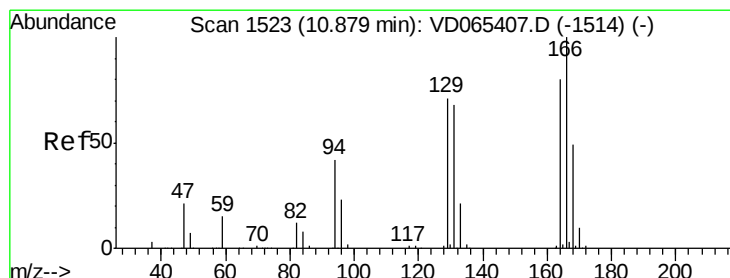
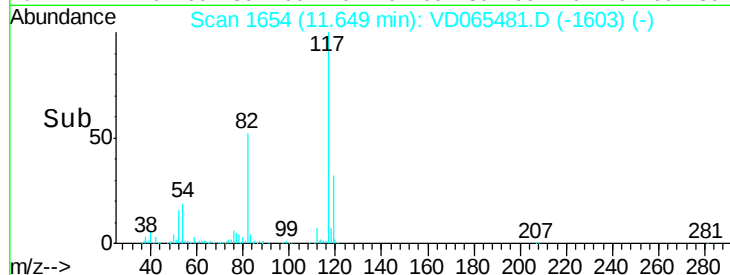
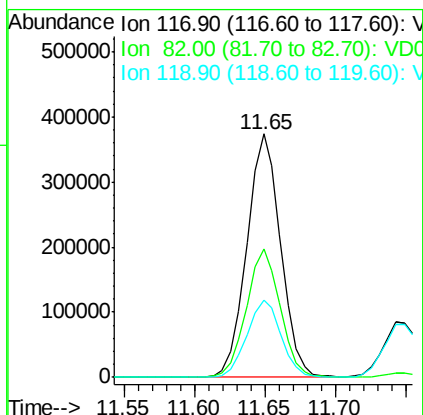
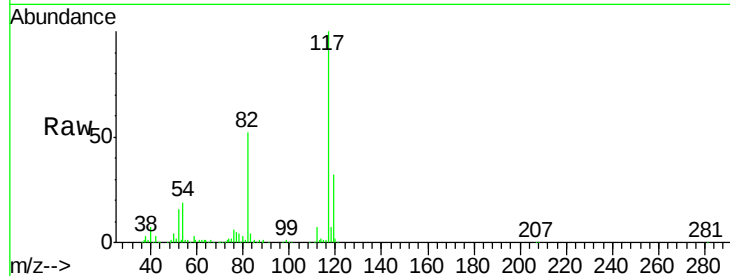




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

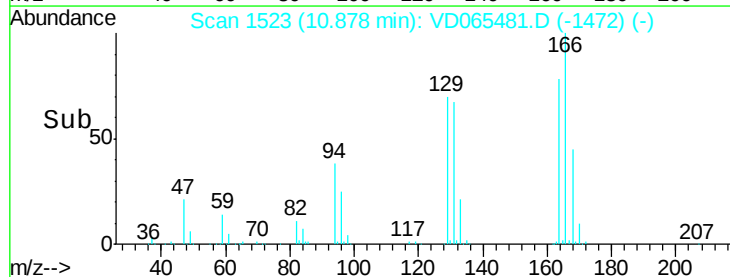
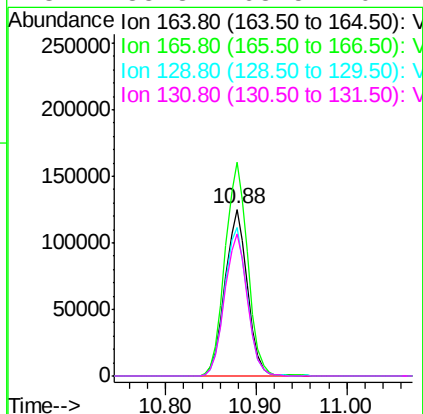
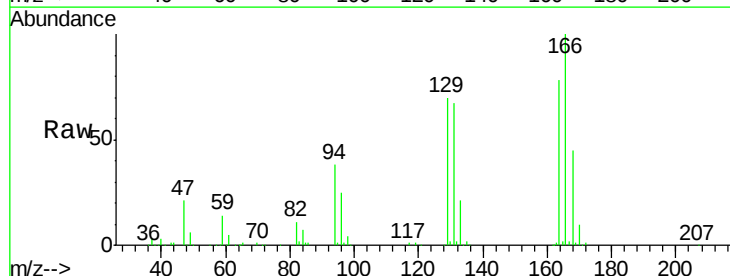
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

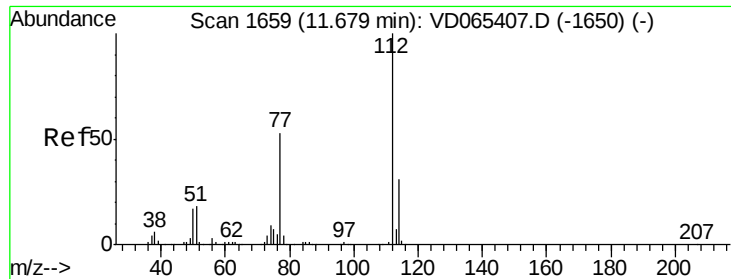
Tgt Ion:117 Resp: 628534
Ion Ratio Lower Upper
117 100
82 52.5 40.6 60.8
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 47.53 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion:164 Resp: 214059
Ion Ratio Lower Upper
164 100
166 128.2 100.5 150.7
129 89.1 71.5 107.3
131 85.3 68.5 102.7

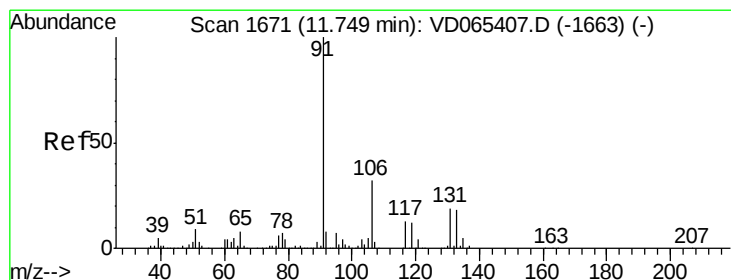
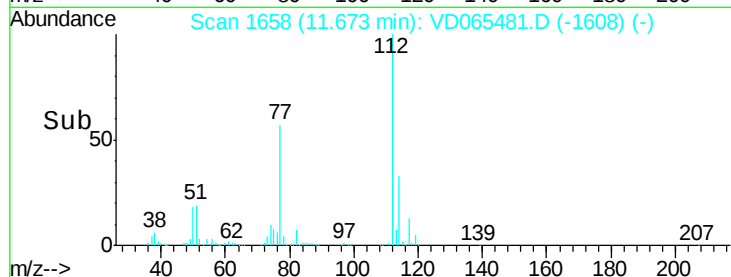
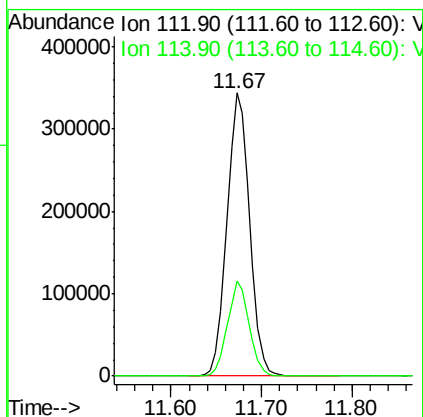
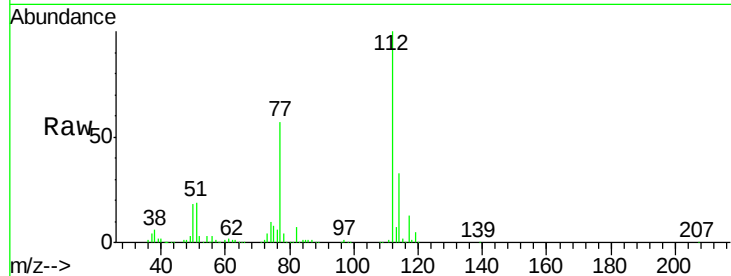




#65
Chlorobenzene
Concen: 48.00 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

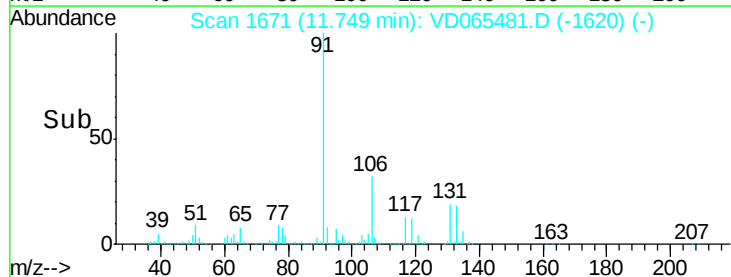
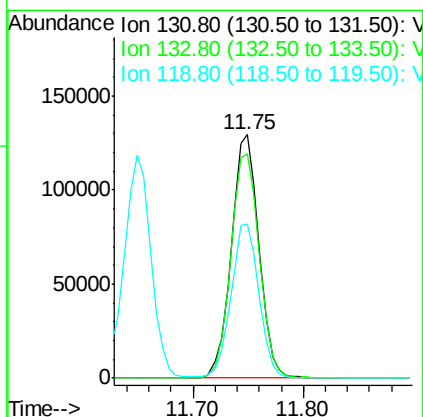
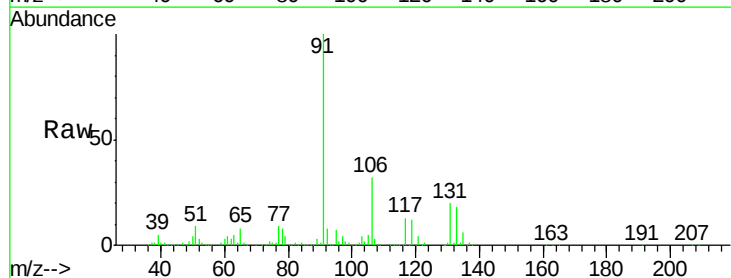
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

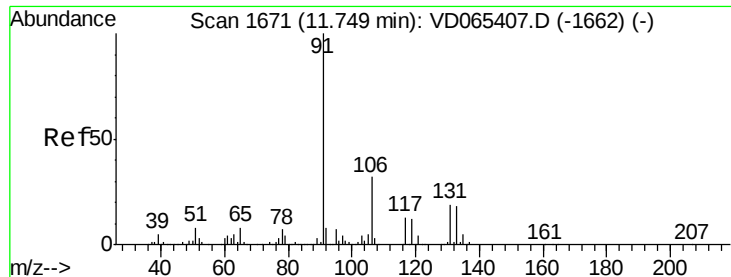
Tgt Ion:112 Resp: 596984
Ion Ratio Lower Upper
112 100
114 33.5 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.00 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion:131 Resp: 226513
Ion Ratio Lower Upper
131 100
133 95.6 49.2 147.6
119 64.6 33.3 99.8





#67

Ethyl Benzene

Concen: 50.11 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

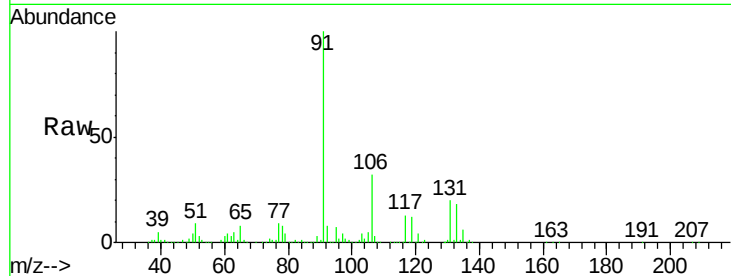
VSTDCCC050EC

Tgt Ion: 91 Resp: 1077032

Ion Ratio Lower Upper

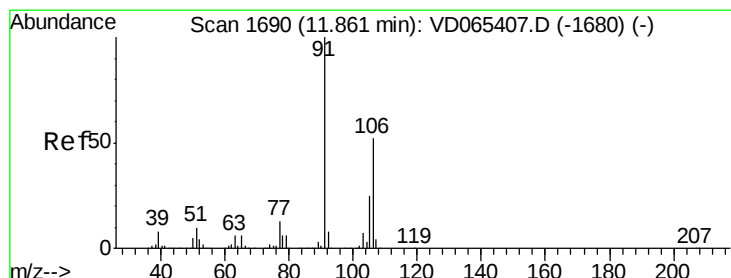
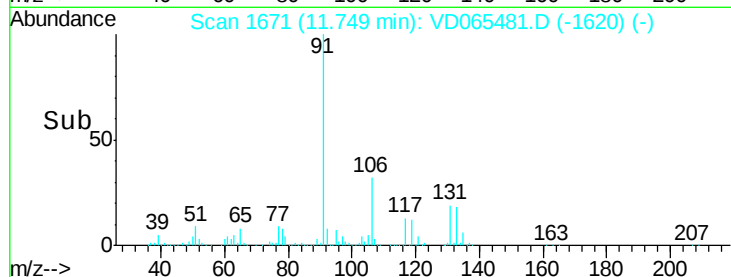
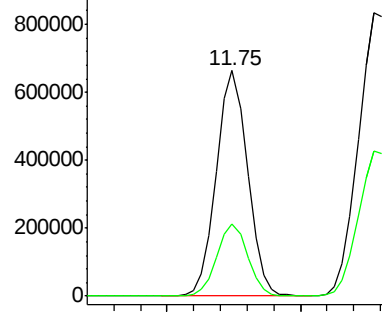
91 100

106 31.7 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.26 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065481.D

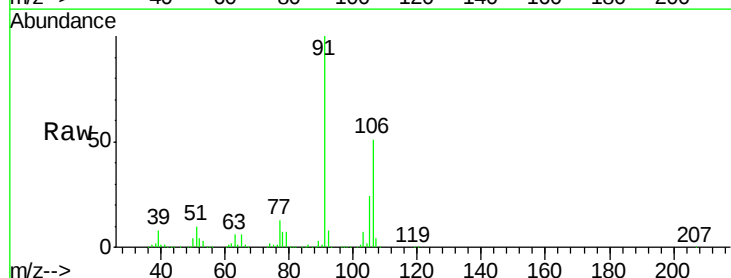
Acq: 11 Mar 2020 16:49

Tgt Ion: 106 Resp: 839166

Ion Ratio Lower Upper

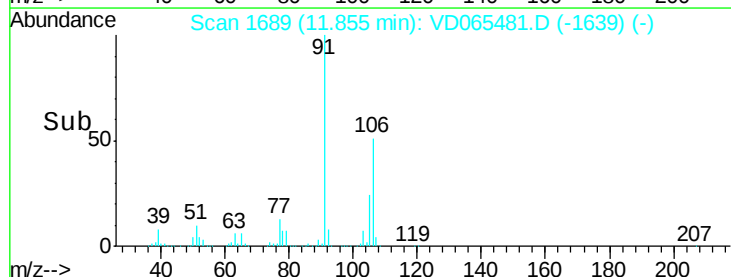
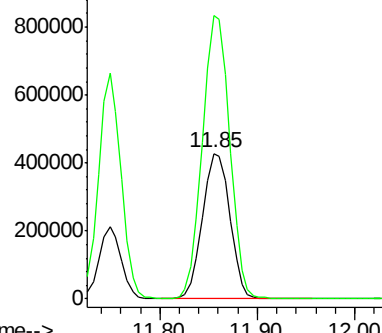
106 100

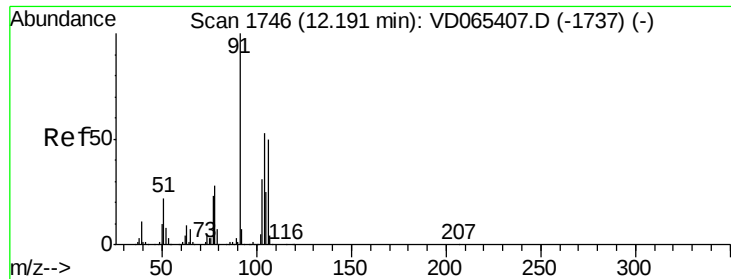
91 193.4 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

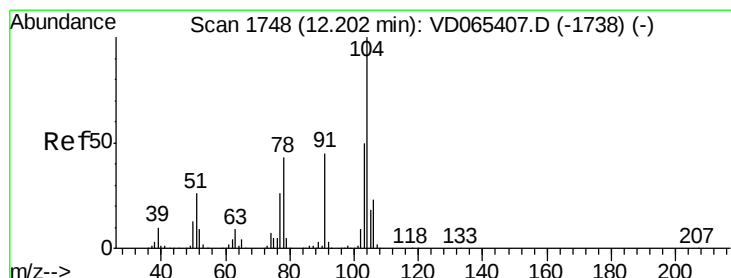
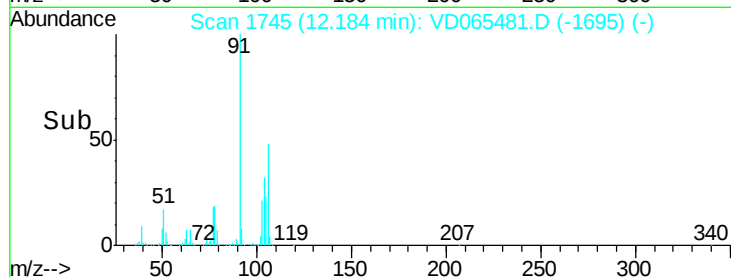
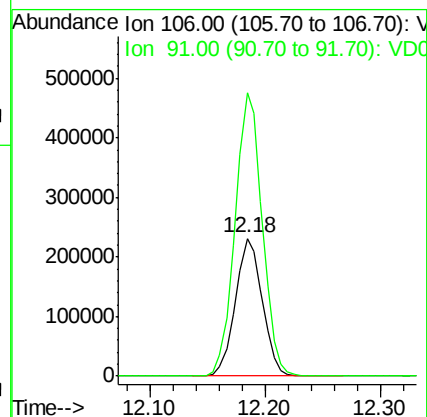
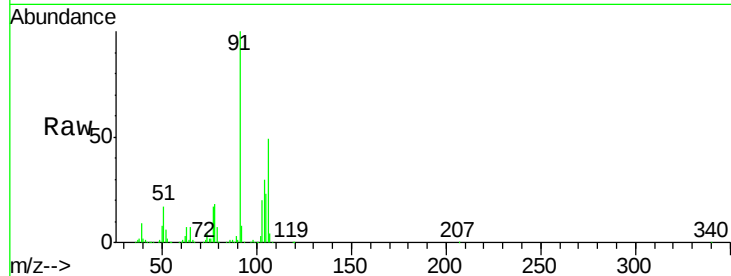




#69
o-Xylene
Concen: 51.18 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

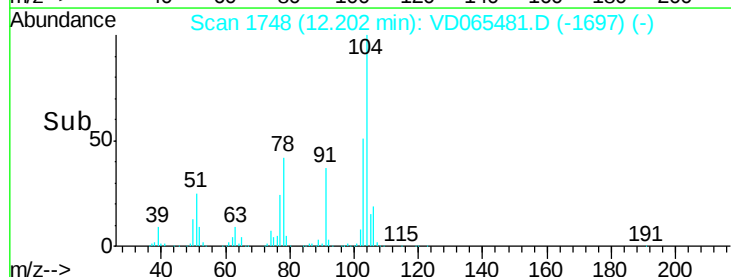
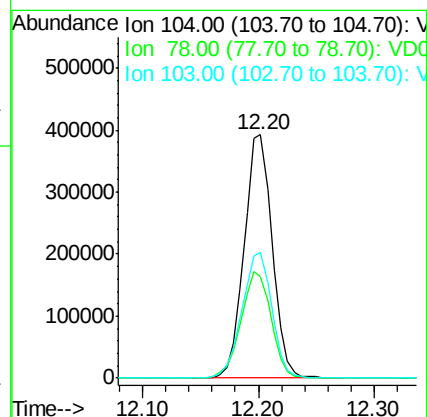
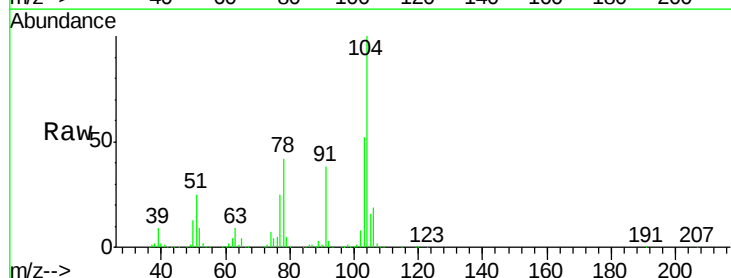
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

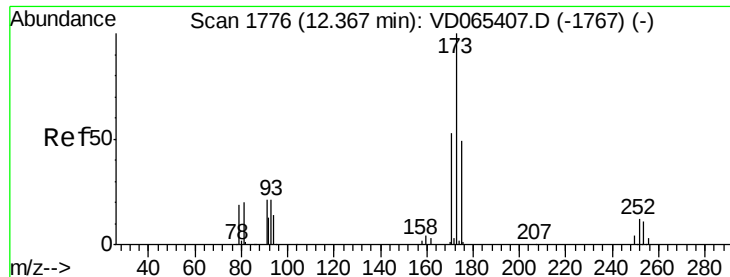
Tgt Ion:106 Resp: 373052
Ion Ratio Lower Upper
106 100
91 207.4 103.5 310.3



#70
Styrene
Concen: 51.58 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion:104 Resp: 661702
Ion Ratio Lower Upper
104 100
78 47.1 37.7 56.5
103 54.9 43.6 65.4





#71

Bromoform

Concen: 49.08 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

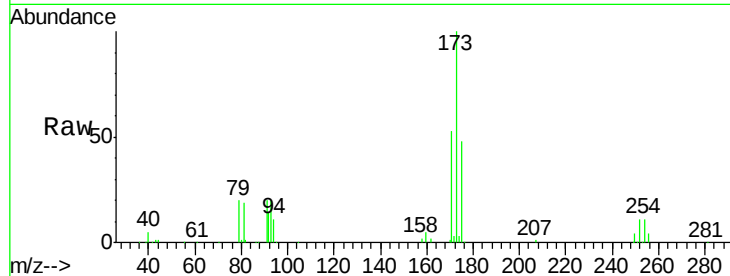
Tgt Ion:173 Resp: 124876

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

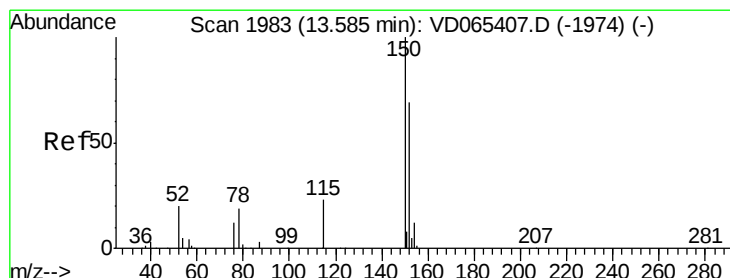
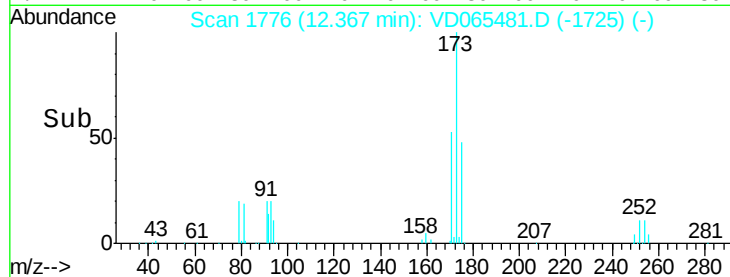
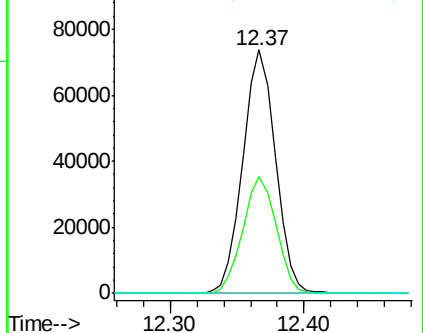
254 0.1 0.1 0.1#



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# 1983

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

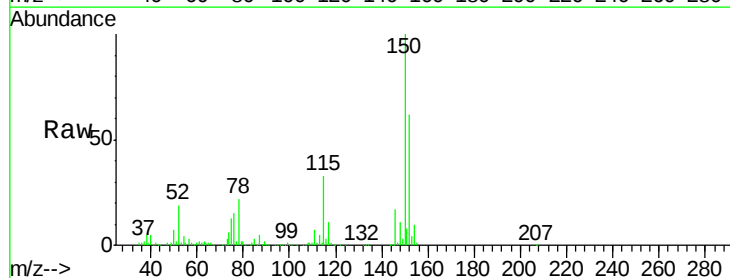
Tgt Ion:152 Resp: 304449

Ion Ratio Lower Upper

152 100

115 55.7 27.6 82.8

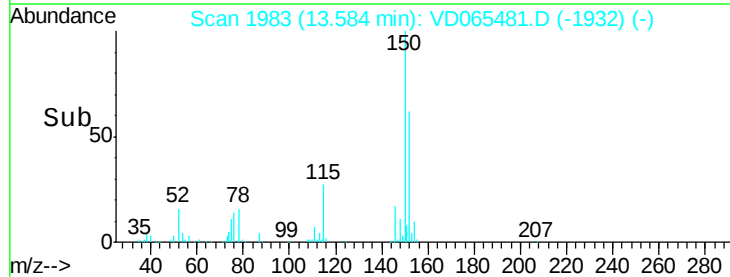
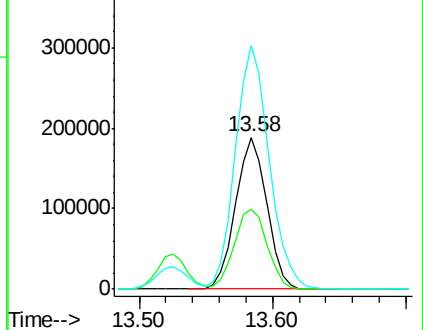
150 174.8 0.0 345.0



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: 50.63 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

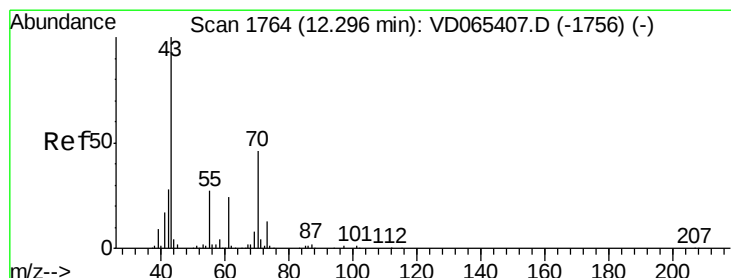
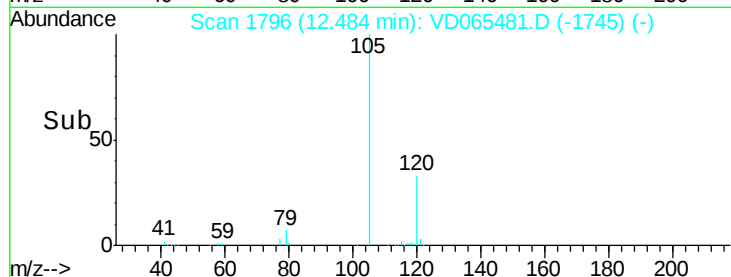
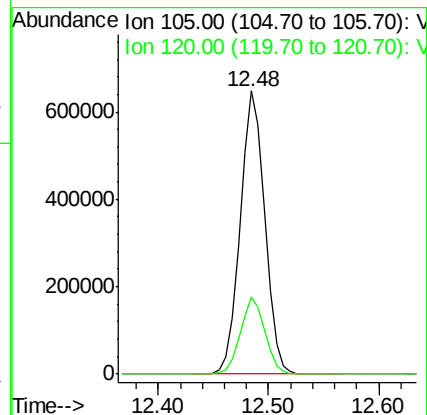
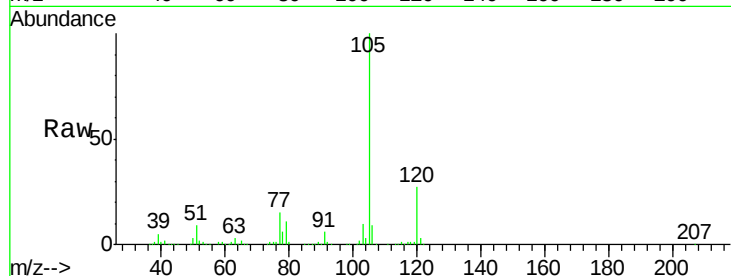
VSTDCCC050EC

Tgt Ion:105 Resp: 1013958

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 49.16 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Tgt Ion: 43 Resp: 201556

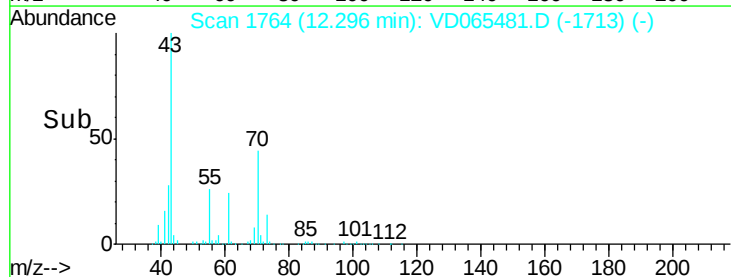
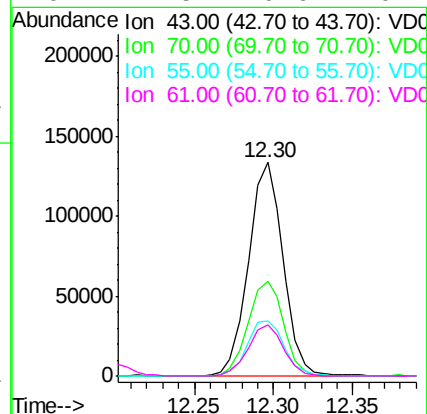
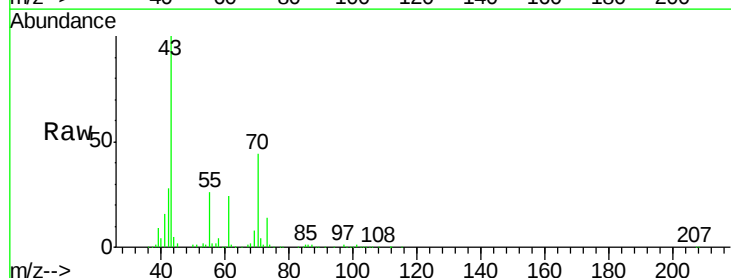
Ion Ratio Lower Upper

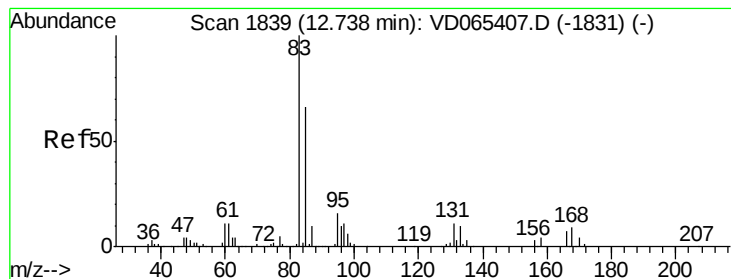
43 100

70 45.9 36.1 54.1

55 27.9 21.6 32.4

61 24.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.81 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

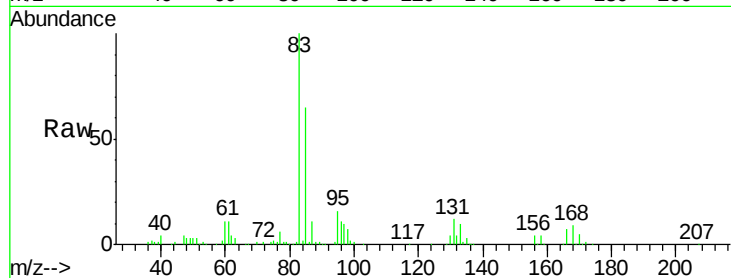
Tgt Ion: 83 Resp: 168298

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

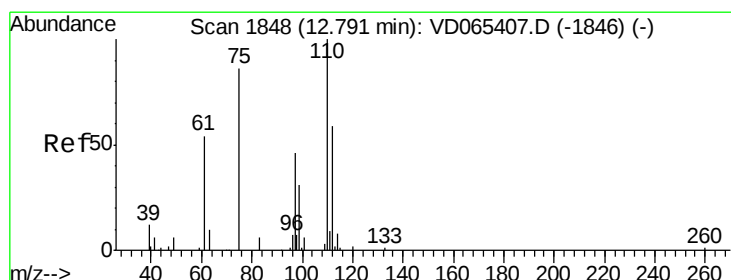
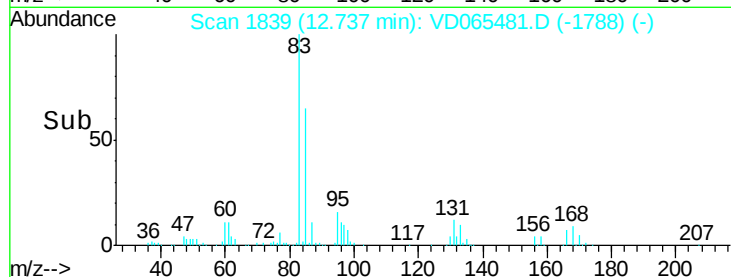
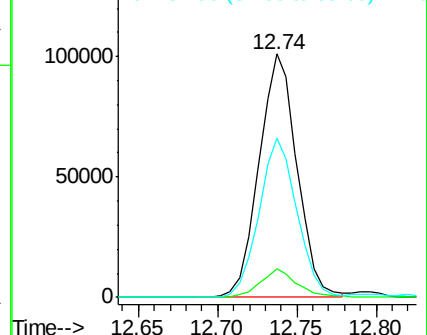
85 65.3 33.0 98.9



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: 90.55 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065481.D

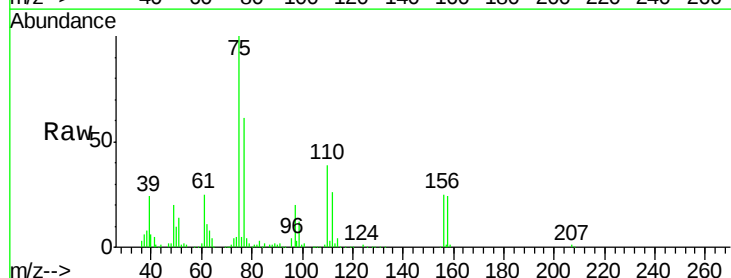
Acq: 11 Mar 2020 16:49

Tgt Ion: 75 Resp: 217525

Ion Ratio Lower Upper

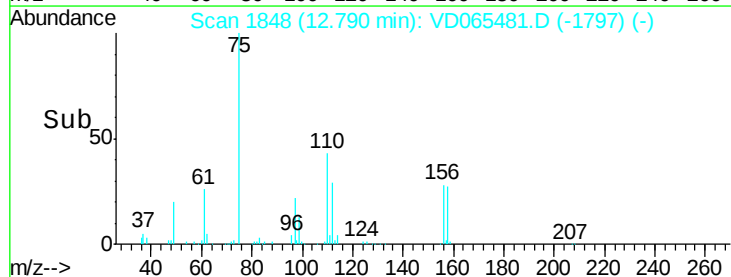
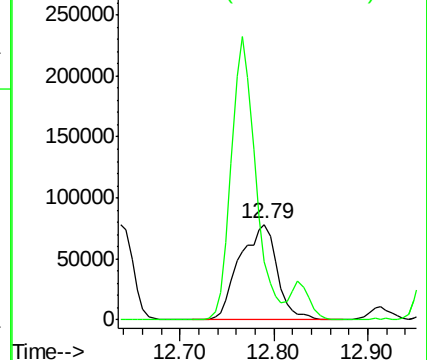
75 100

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: 50.01 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

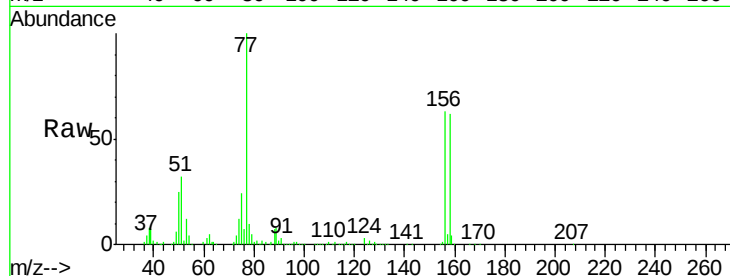
Tgt Ion:156 Resp: 248807

Ion Ratio Lower Upper

156 100

77 168.5 84.9 254.6

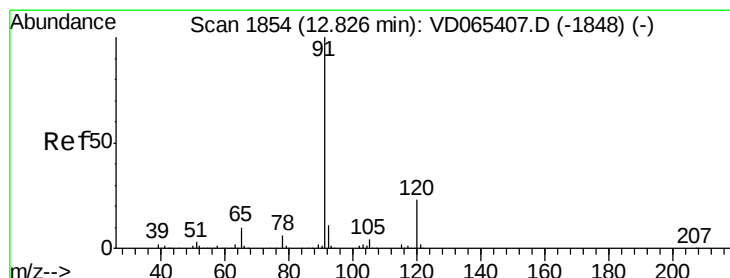
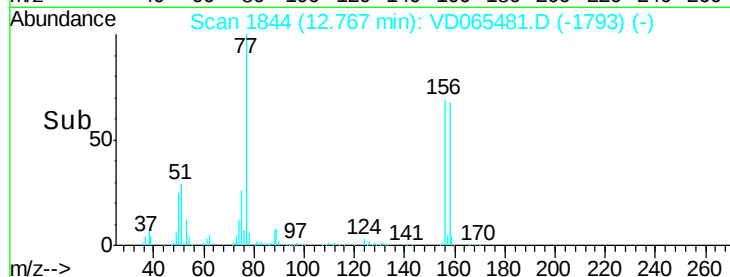
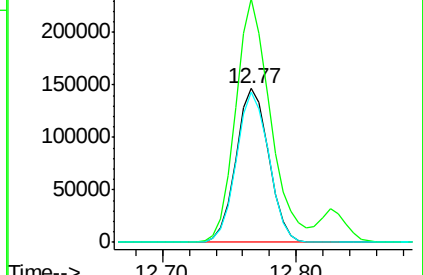
158 97.4 49.0 147.2



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: 50.38 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065481.D

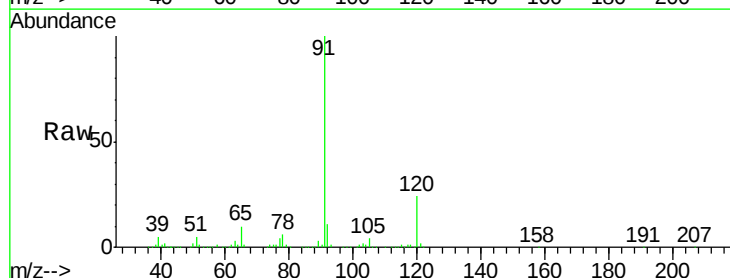
Acq: 11 Mar 2020 16:49

Tgt Ion: 91 Resp: 1196915

Ion Ratio Lower Upper

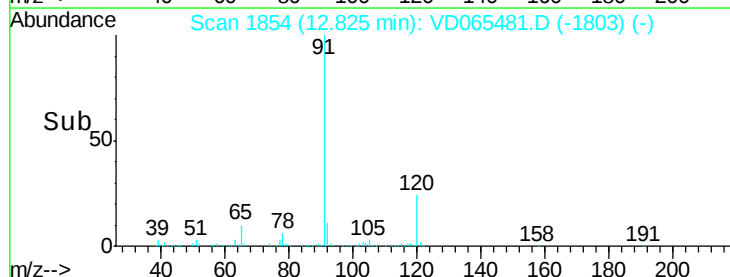
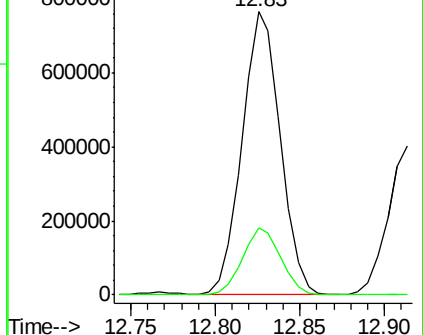
91 100

120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

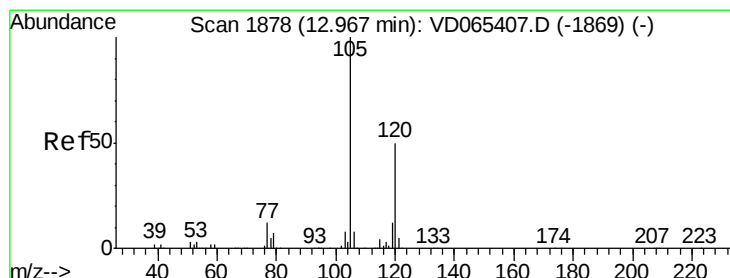
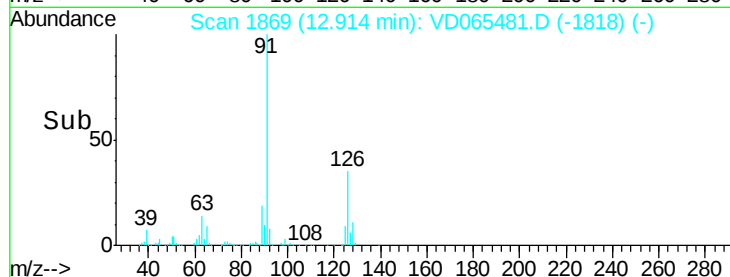
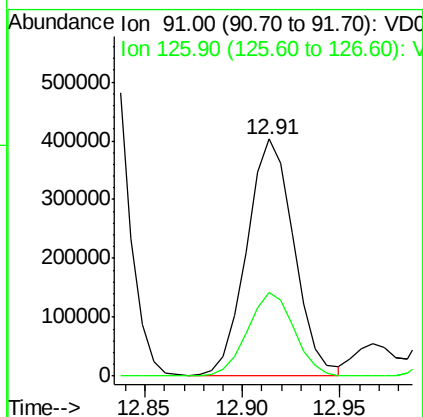
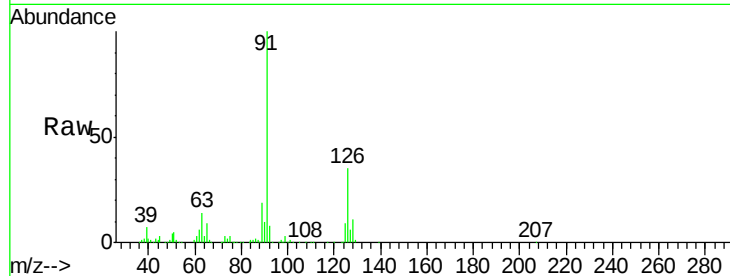




#79
 2-Chlorotoluene
 Concen: 50.34 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

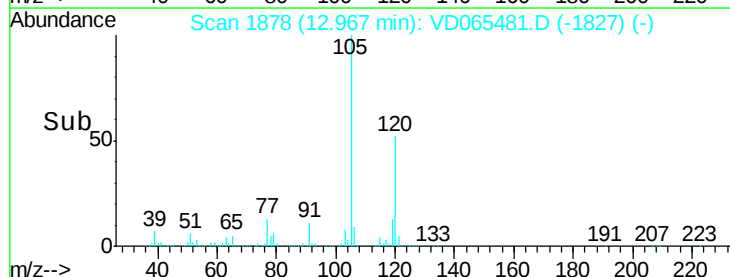
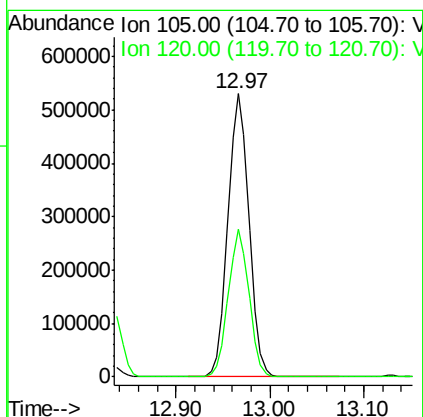
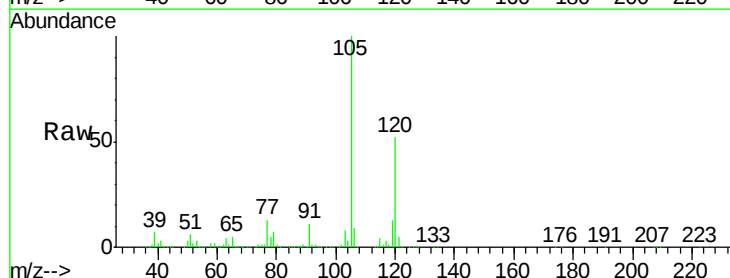
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

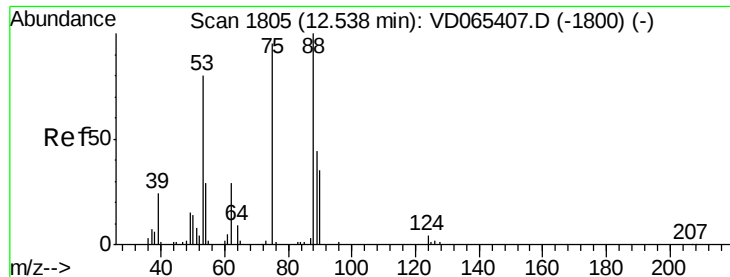
Tgt Ion: 91 Resp: 674125
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.01 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Tgt Ion: 105 Resp: 823256
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.16 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

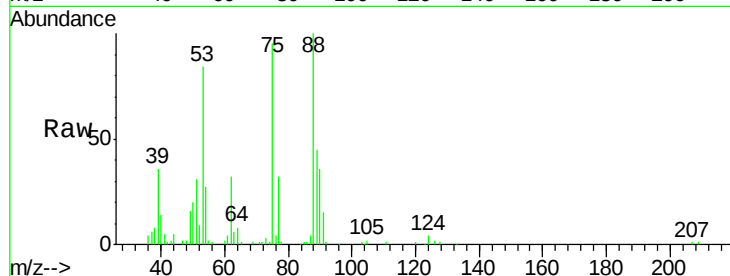
Tgt Ion: 75 Resp: 54827

Ion Ratio Lower Upper

75 100

53 92.7 71.3 106.9

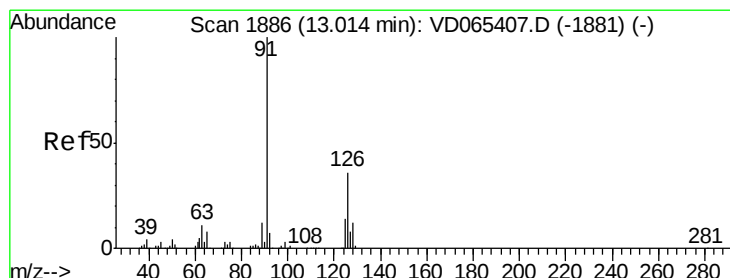
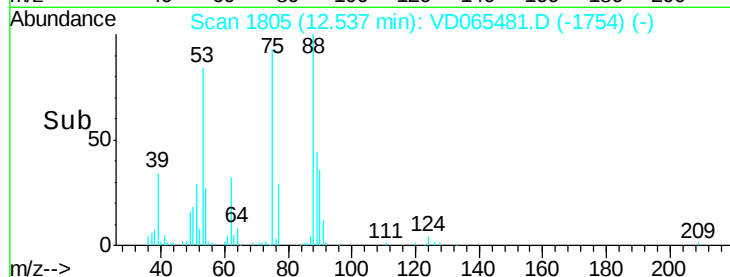
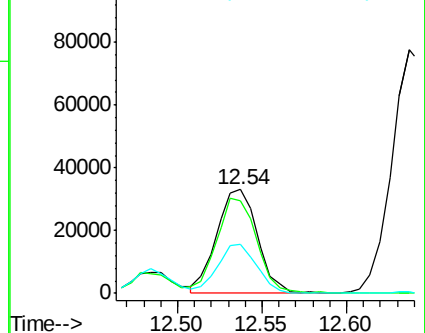
89 46.1 37.0 55.6



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: 49.72 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065481.D

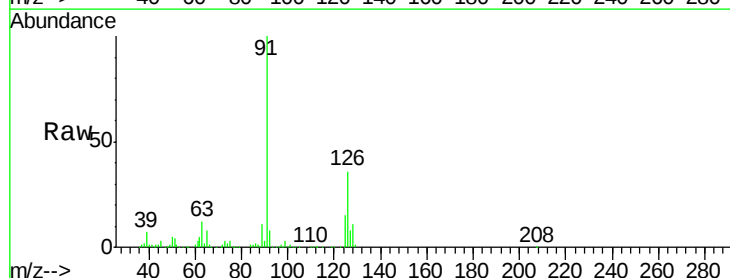
Acq: 11 Mar 2020 16:49

Tgt Ion: 91 Resp: 699568

Ion Ratio Lower Upper

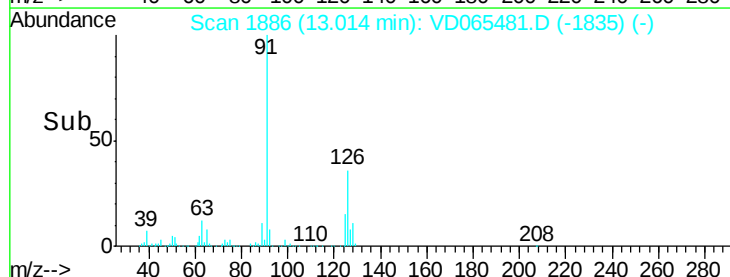
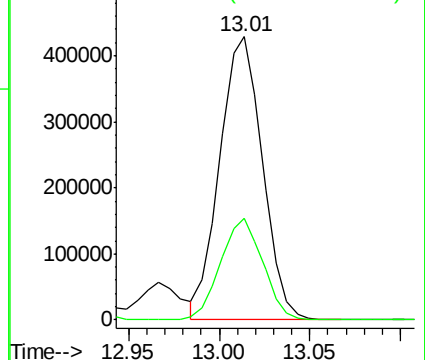
91 100

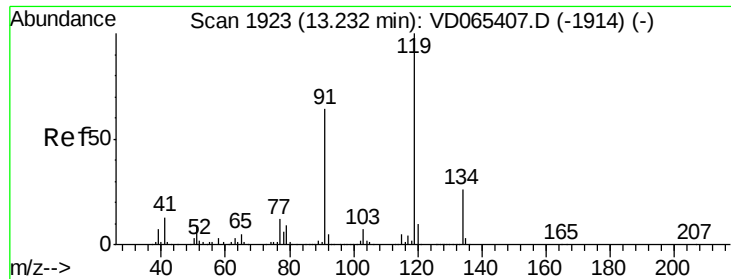
126 35.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

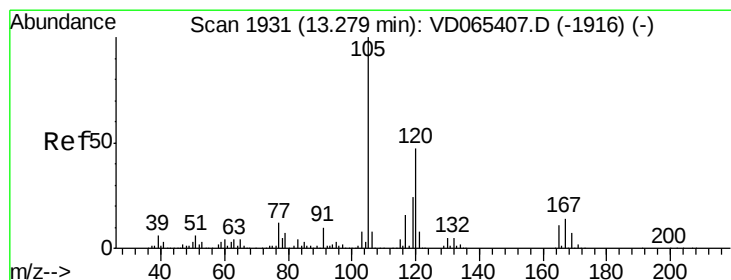
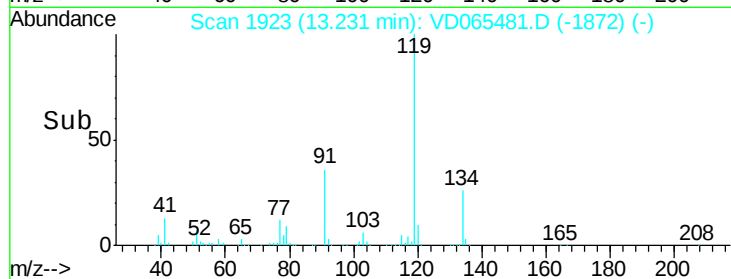
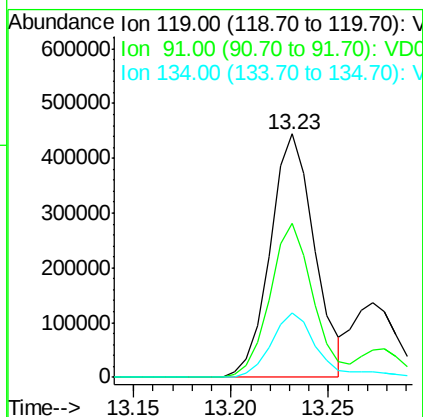
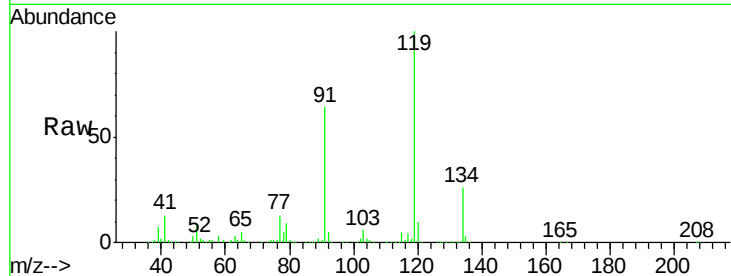




#83
 tert-Butylbenzene
 Concen: 50.20 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

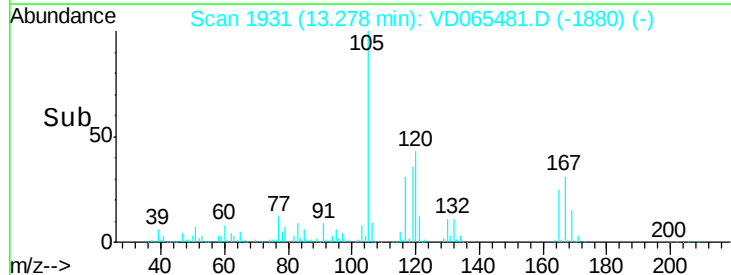
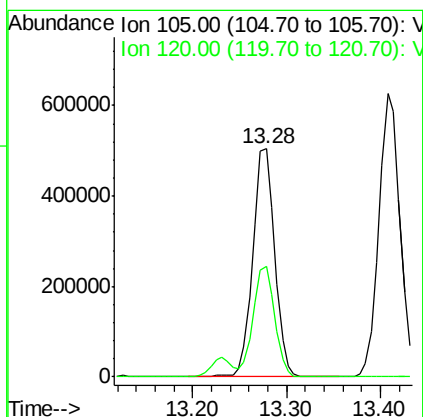
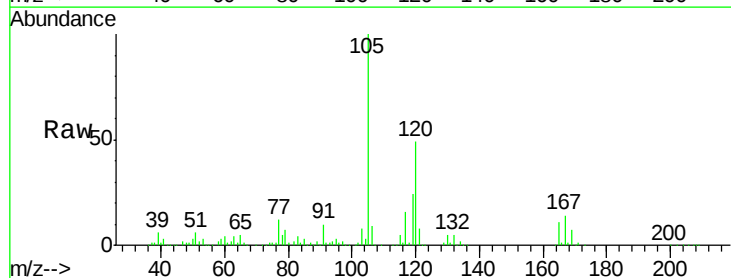
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 699195
 Ion Ratio Lower Upper
 119 100
 91 62.0 31.6 95.0
 134 27.8 14.2 42.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.37 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Tgt Ion:105 Resp: 817444
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.3

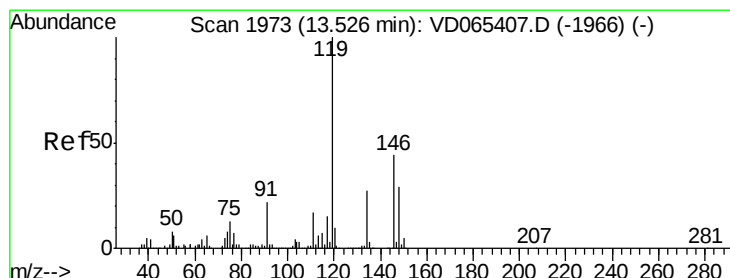
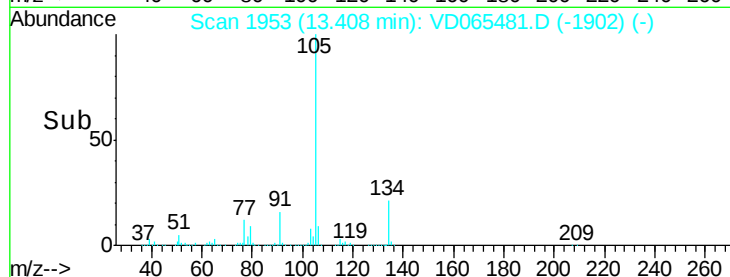
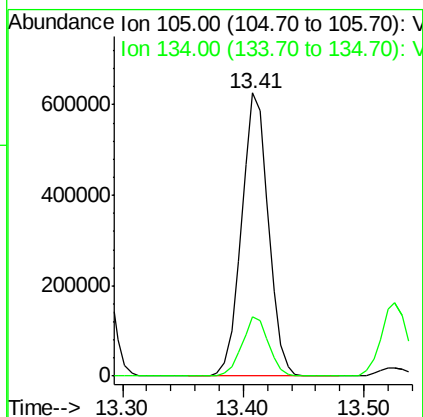
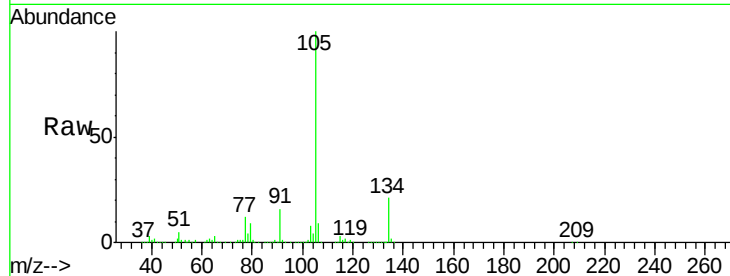




#85
 sec-Butylbenzene
 Concen: 48.82 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

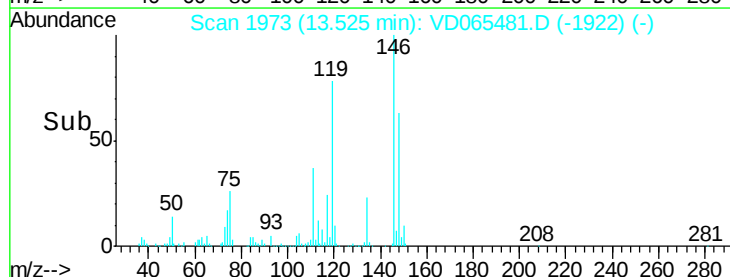
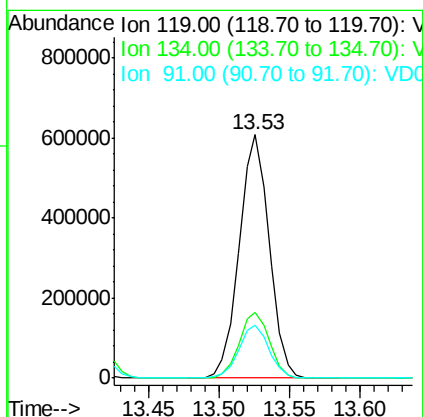
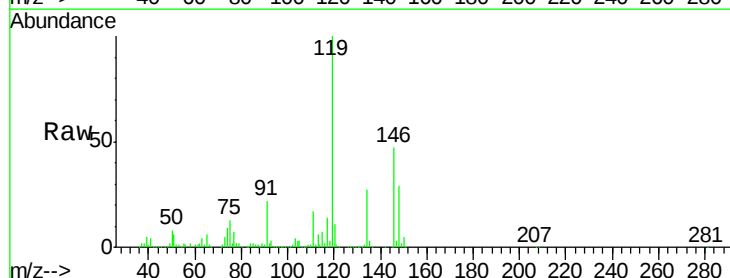
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

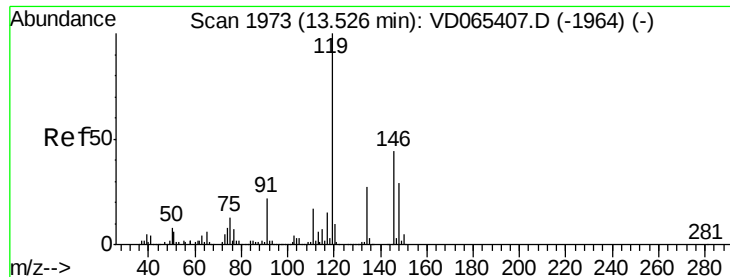
Tgt Ion:105 Resp: 970612
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 49.59 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Tgt Ion:119 Resp: 899690
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.9
 91 21.8 10.9 32.6

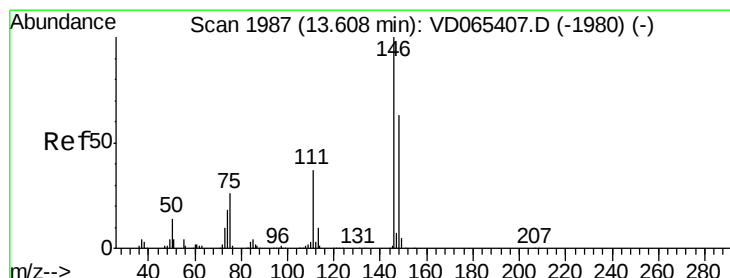
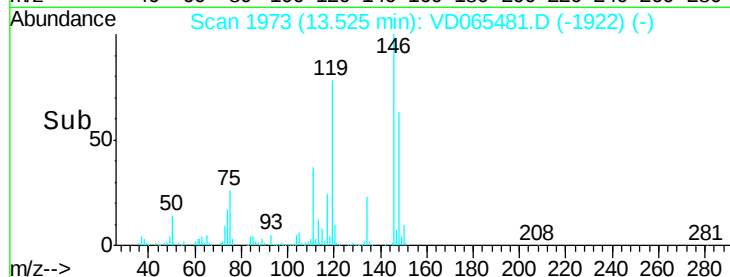
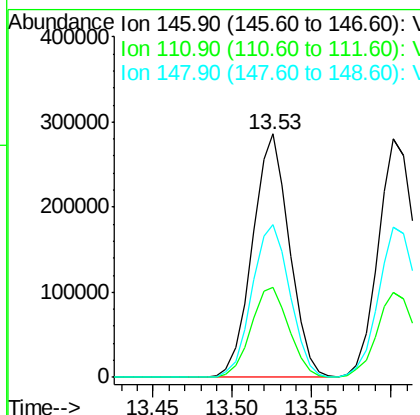
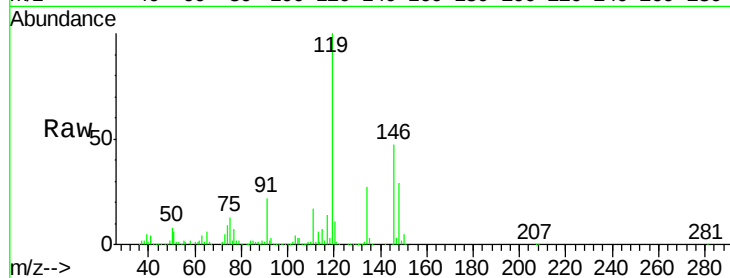




#87
 1,3-Dichlorobenzene
 Concen: 48.42 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

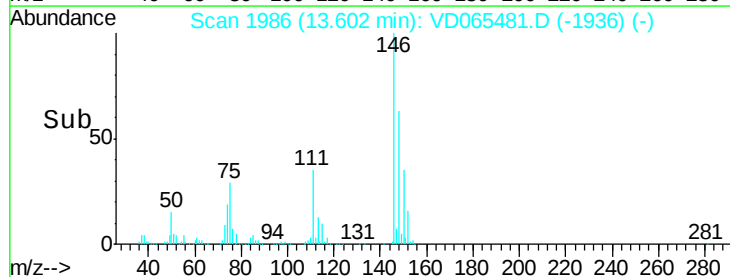
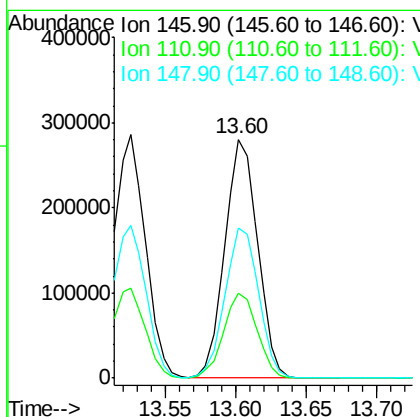
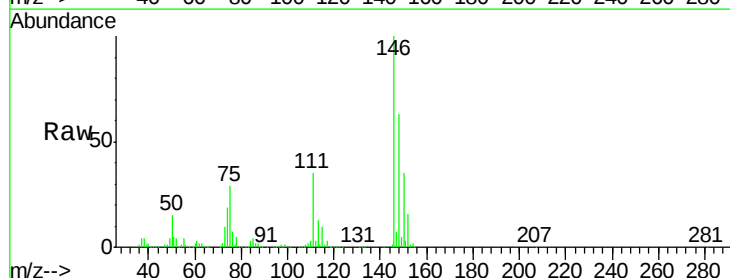
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

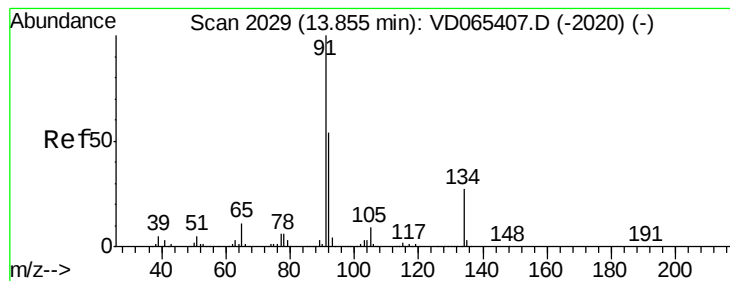
Tgt Ion:146 Resp: 463130
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.1
 148 64.6 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 47.78 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Tgt Ion:146 Resp: 454663
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.5 55.5
 148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 48.55 ug/l

RT: 13.85 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VD065481.D

Acq: 11 Mar 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

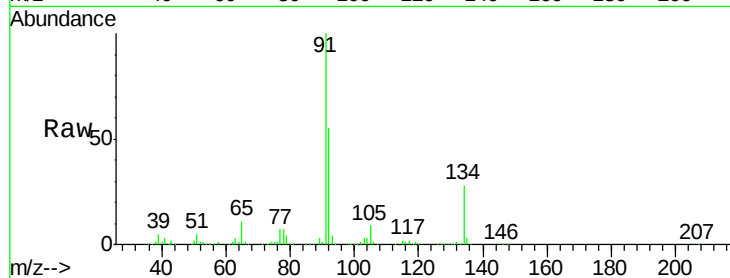
Tgt Ion: 91 Resp: 814284

Ion Ratio Lower Upper

91 100

92 54.3 26.8 80.4

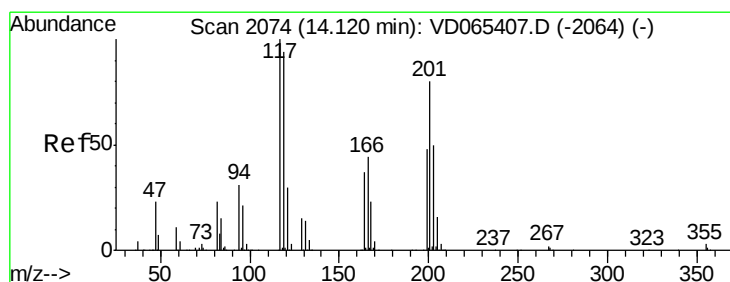
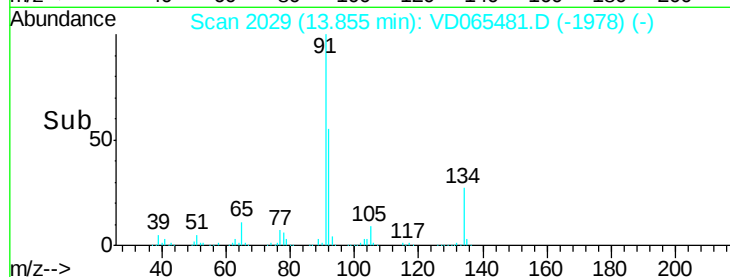
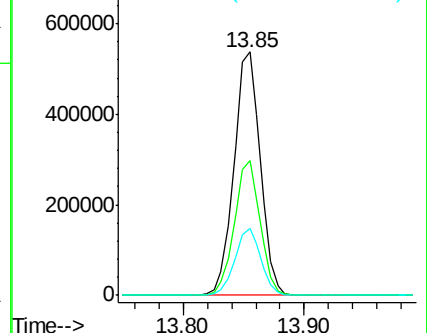
134 27.2 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 46.70 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD065481.D

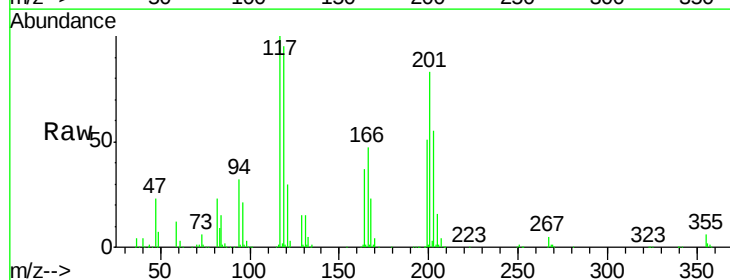
Acq: 11 Mar 2020 16:49

Tgt Ion: 117 Resp: 174464

Ion Ratio Lower Upper

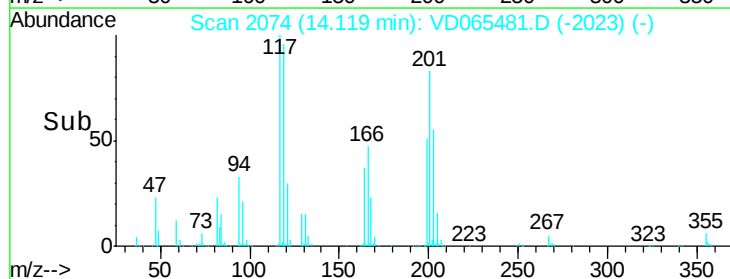
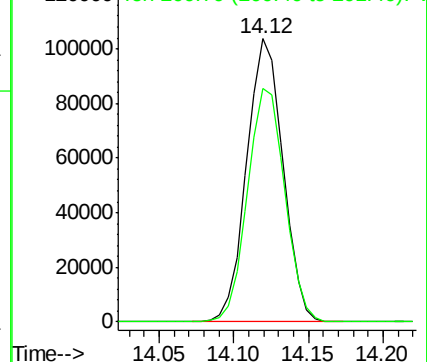
117 100

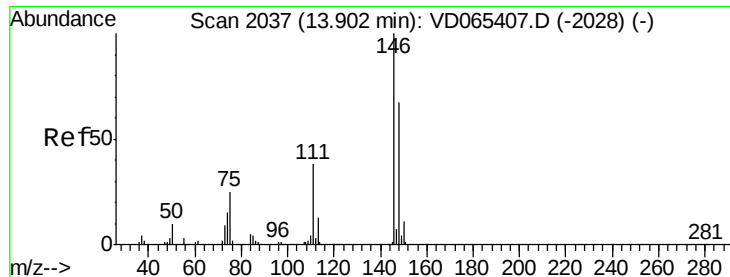
201 84.9 41.9 125.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

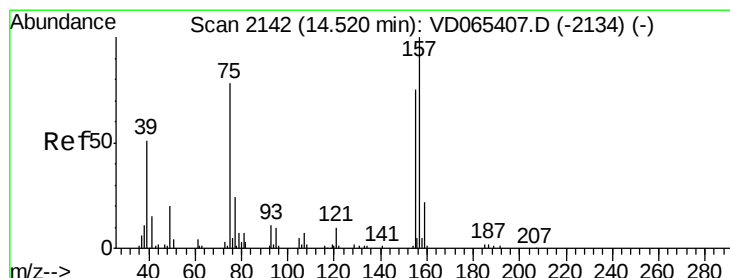
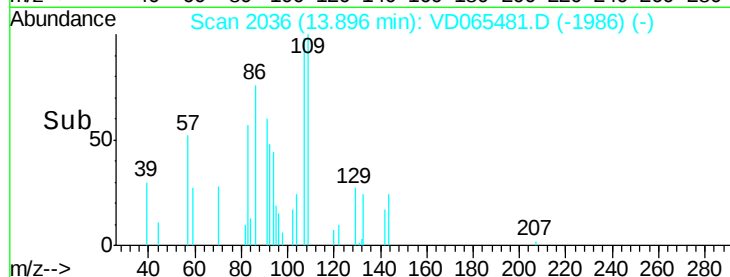
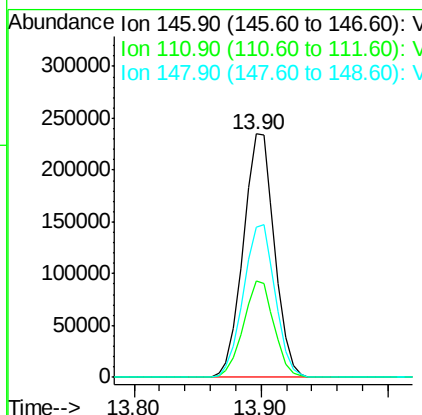
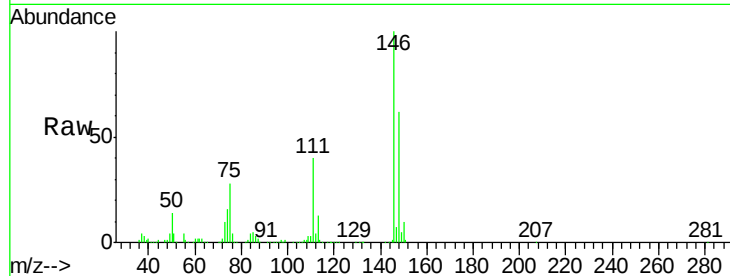




#91
 1,2-Dichlorobenzene
 Concen: 49.31 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

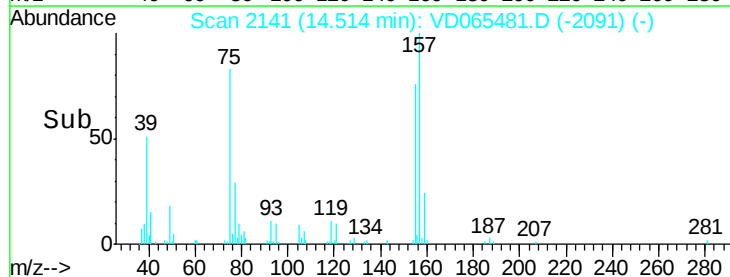
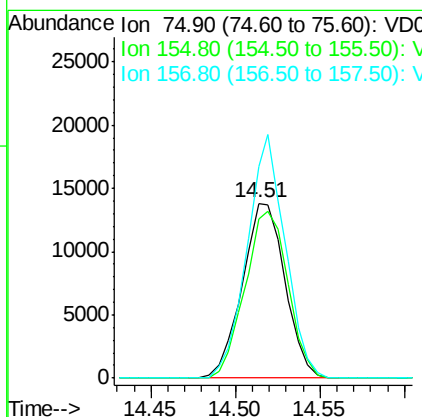
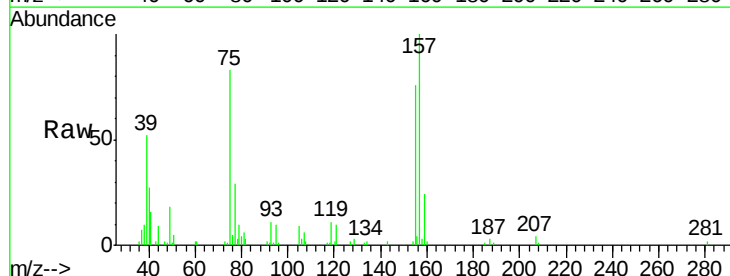
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

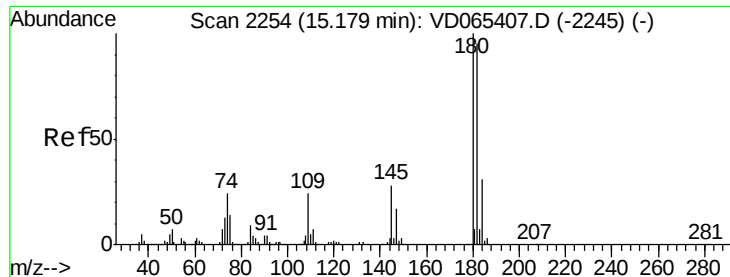
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	63.7	32.6	97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.41 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.5	46.4	139.1
157	123.7	60.2	180.4

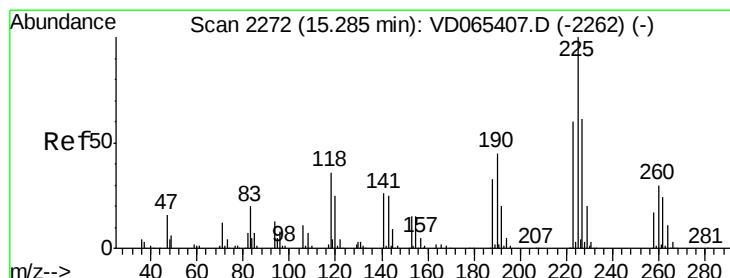
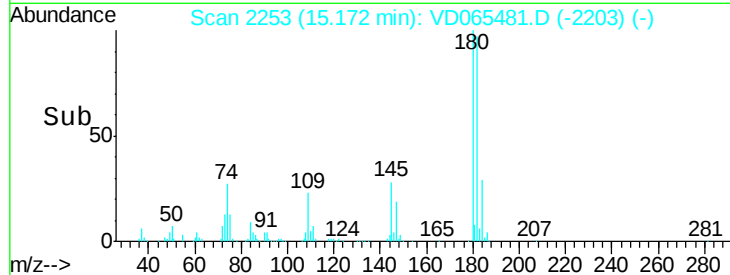
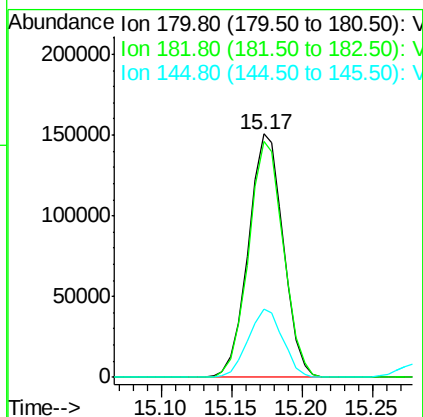
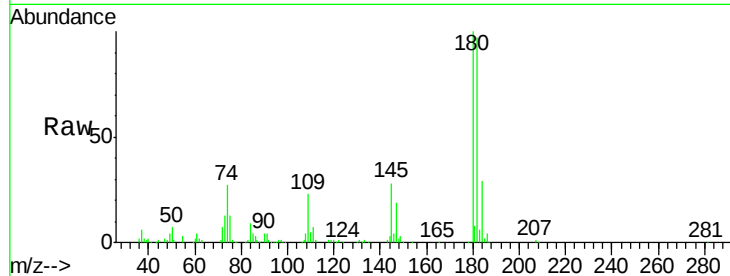




#93
 1,2,4-Trichlorobenzene
 Concen: 47.41 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

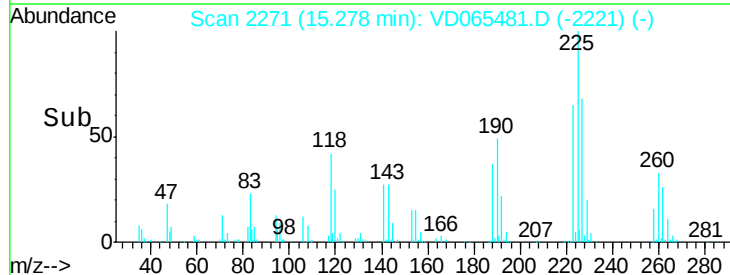
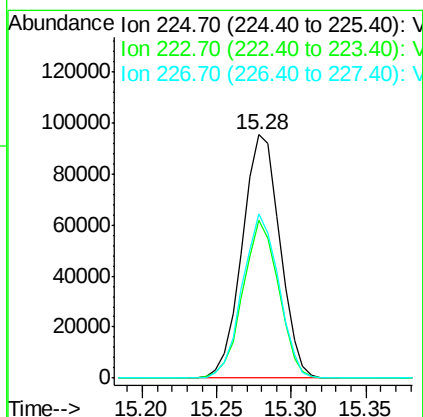
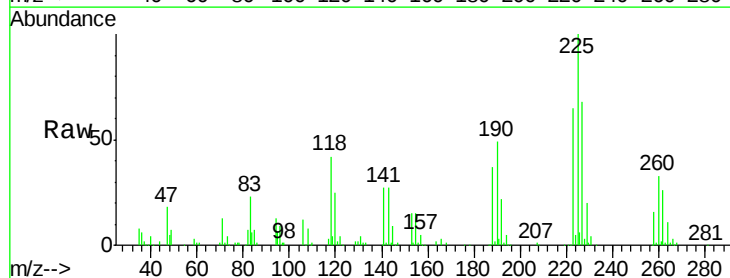
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

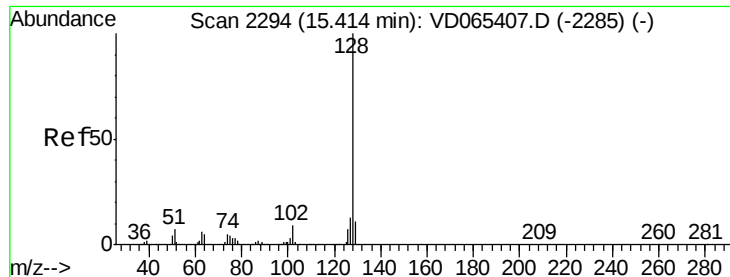
Tgt Ion:180 Resp: 261579
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.3 144.9
 145 28.0 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 46.10 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065481.D
 Acq: 11 Mar 2020 16:49

Tgt Ion:225 Resp: 167112
 Ion Ratio Lower Upper
 225 100
 223 61.2 30.9 92.5
 227 64.7 31.6 94.7

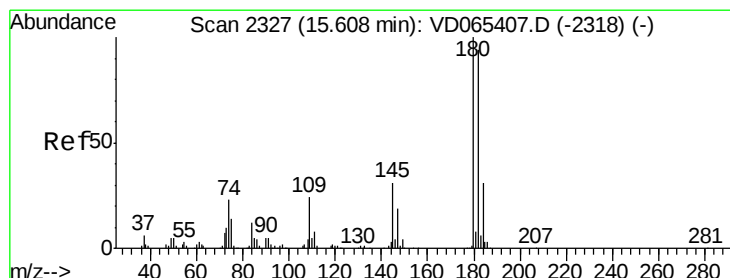
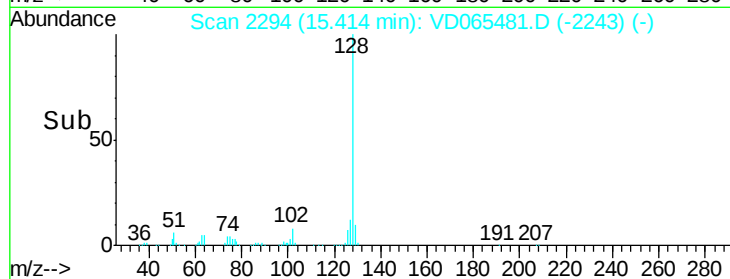
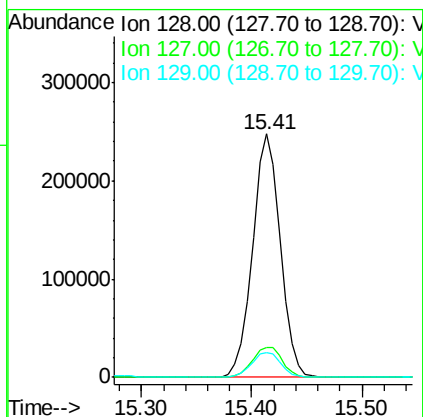
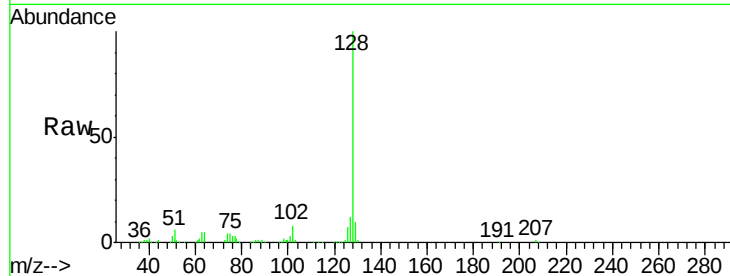




#95
Naphthalene
Concen: 44.82 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 435831
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.61 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065481.D
Acq: 11 Mar 2020 16:49

Tgt Ion:180 Resp: 226977
Ion Ratio Lower Upper
180 100
182 96.4 46.9 140.6
145 30.1 15.0 45.1

