

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD013020\
 Data File : VD065003.D
 Acq On : 30 Jan 2020 10:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 30 12:31:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	462888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	665074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	598546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285476	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	233462	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
35) Dibromofluoromethane	7.92	113	230466	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
50) Toluene-d8	10.34	98	893026	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
62) 4-Bromofluorobenzene	12.64	95	281330	56.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	179474	51.47	ug/l	100
3) Chloromethane	2.21	50	248142	48.55	ug/l	98
4) Vinyl Chloride	2.36	62	279033	47.53	ug/l	100
5) Bromomethane	2.77	94	179884	45.56	ug/l	98
6) Chloroethane	2.93	64	190314	49.18	ug/l	98
7) Trichlorofluoromethane	3.27	101	440677	48.61	ug/l	98
8) Diethyl Ether	3.71	74	100615	49.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	219373	52.01	ug/l	99
10) Methyl Iodide	4.30	142	231175	51.64	ug/l	99
11) Tert butyl alcohol	5.24	59	59448	242.29	ug/l	97
12) 1,1-Dichloroethene	4.06	96	207288	51.44	ug/l	97
13) Acrolein	3.93	56	93688	304.59	ug/l	90
14) Allyl chloride	4.71	41	341323	53.11	ug/l	97
15) Acrylonitrile	5.43	53	225620	254.58	ug/l	99
16) Acetone	4.17	43	272648	261.29	ug/l	100
17) Carbon Disulfide	4.40	76	658673	49.67	ug/l	99
18) Methyl Acetate	4.72	43	102959	49.51	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	460416	51.14	ug/l	97
20) Methylene Chloride	4.96	84	225293	52.50	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	239544	51.60	ug/l	97
22) Diisopropyl ether	6.37	45	676000	52.78	ug/l	98
23) Vinyl Acetate	6.31	43	1971782	262.96	ug/l	99
24) 1,1-Dichloroethane	6.27	63	407896	51.87	ug/l	98
25) 2-Butanone	7.22	43	321680	268.17	ug/l	99
26) 2,2-Dichloropropane	7.21	77	377501	52.93	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	255808	51.63	ug/l	99
28) Bromochloromethane	7.56	49	172108	54.73	ug/l	97
29) Tetrahydrofuran	7.57	42	185188	250.21	ug/l	99
30) Chloroform	7.71	83	418442	51.48	ug/l	100
31) Cyclohexane	7.98	56	378483	48.93	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	385540	50.98	ug/l	99
36) 1,1-Dichloropropene	8.11	75	338928	52.85	ug/l	100
37) Ethyl Acetate	7.30	43	133133	50.26	ug/l	99
38) Carbon Tetrachloride	8.10	117	350875	51.76	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	397618	53.03	ug/l	97
40) Benzene	8.35	78	924319	52.33	ug/l	99
41) Methacrylonitrile	7.53	41	77718	54.46	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	273467	51.98	ug/l	99
43) Isopropyl Acetate	8.46	43	258278	51.33	ug/l	100
44) Trichloroethene	9.11	130	259947	52.59	ug/l	98
45) 1,2-Dichloropropane	9.39	63	221875	51.82	ug/l	98
46) Dibromomethane	9.48	93	119773	51.24	ug/l	97
47) Bromodichloromethane	9.67	83	322356	52.99	ug/l	98
48) Methyl methacrylate	9.46	41	129056	55.73	ug/l	96
49) 1,4-Dioxane	9.47	88	27302	1006.99	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	651513	258.76	ug/l	100
52) Toluene	10.41	92	601742	52.84	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	305158	52.66	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	359356	52.97	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	163560	51.94	ug/l	94
56) Ethyl methacrylate	10.67	69	202233	53.71	ug/l	100
57) 1,3-Dichloropropane	10.95	76	277826	51.44	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	335099	267.86	ug/l	100
59) 2-Hexanone	10.99	43	500292	288.07	ug/l	99
60) Dibromochloromethane	11.14	129	221709	52.68	ug/l	100
61) 1,2-Dibromoethane	11.25	107	154530	50.97	ug/l	99
64) Tetrachloroethene	10.88	164	223421	51.65	ug/l	97
65) Chlorobenzene	11.68	112	620787	51.08	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	237098	51.88	ug/l	100
67) Ethyl Benzene	11.75	91	1134758	52.60	ug/l	98
68) m/p-Xylenes	11.86	106	890891	107.25	ug/l	99
69) o-Xylene	12.19	106	390118	52.92	ug/l	99
70) Styrene	12.20	104	709392	54.02	ug/l	99
71) Bromoform	12.37	173	127811	50.31	ug/l #	100
73) Isopropylbenzene	12.48	105	1072675	54.98	ug/l	100
74) N-amyl acetate	12.30	43	230435	52.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	165163	50.36	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	229209	96.73	ug/l #	100
77) Bromobenzene	12.77	156	255055	53.42	ug/l	100
78) n-propylbenzene	12.83	91	1275752	54.98	ug/l	99
79) 2-Chlorotoluene	12.91	91	692269	54.38	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	887143	55.48	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	56065	50.52	ug/l	96
82) 4-Chlorotoluene	13.01	91	725764	53.76	ug/l	99
83) tert-Butylbenzene	13.23	119	759520	55.97	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	879038	54.27	ug/l	100
85) sec-Butylbenzene	13.41	105	1039213	54.09	ug/l	99
86) p-Isopropyltoluene	13.53	119	976240	54.30	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	489781	53.47	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	475305	52.28	ug/l	100
89) n-Butylbenzene	13.86	91	896654	54.65	ug/l	99
90) Hexachloroethane	14.12	117	186373	53.75	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	413772	53.21	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.53	75	27167	51.77	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

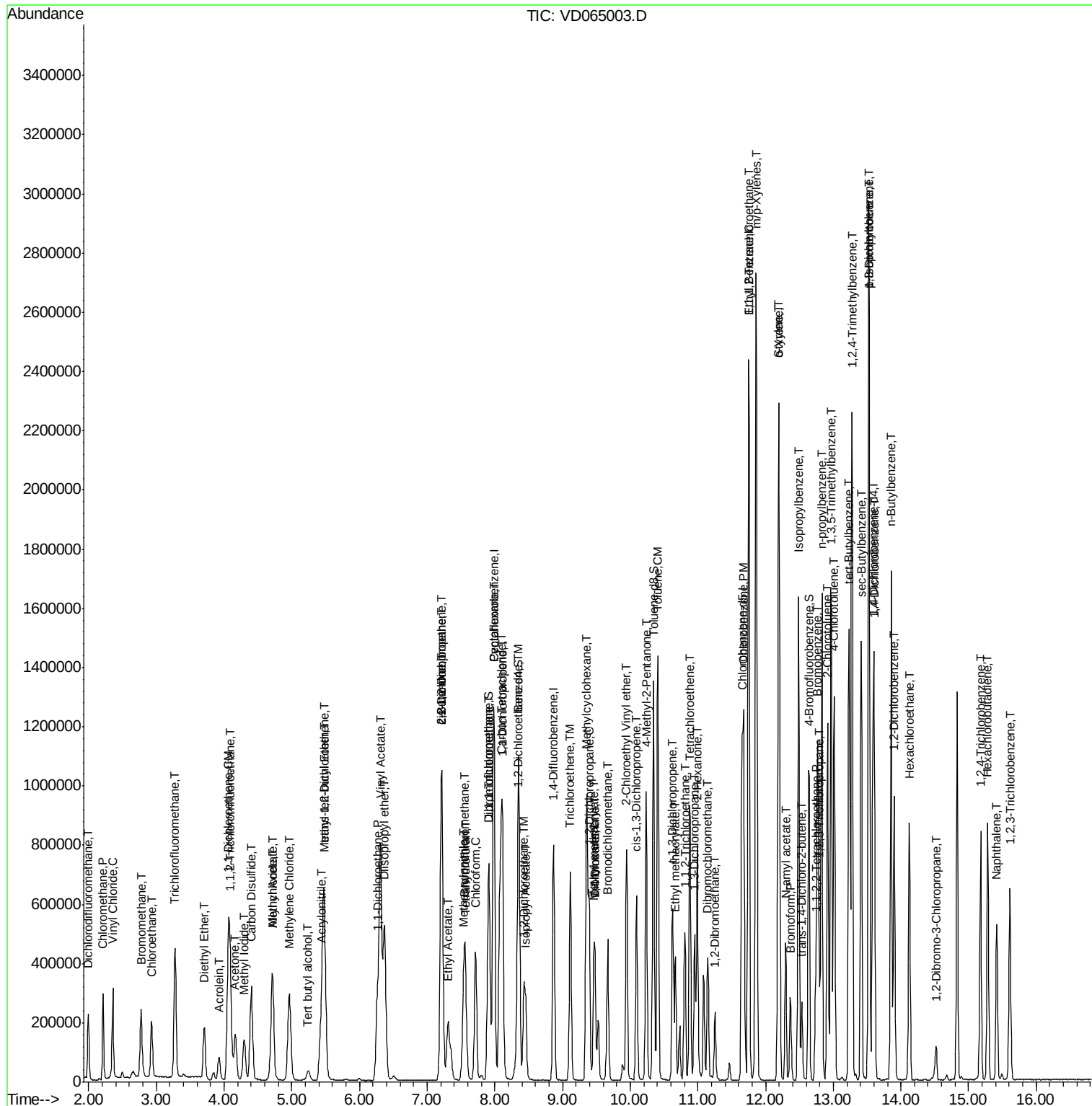
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	282014	52.42	ug/l	99
94) Hexachlorobutadiene	15.28	225	175511	51.58	ug/l	98
95) Naphthalene	15.41	128	461755	53.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	238725	51.18	ug/l	98

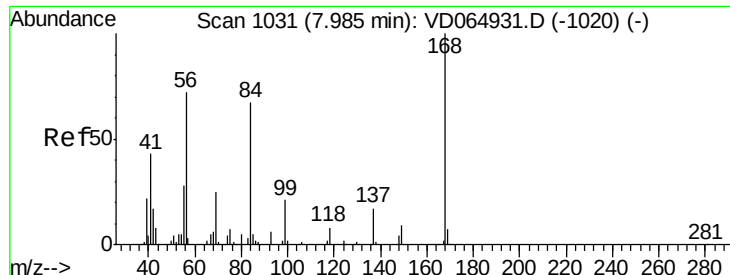
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

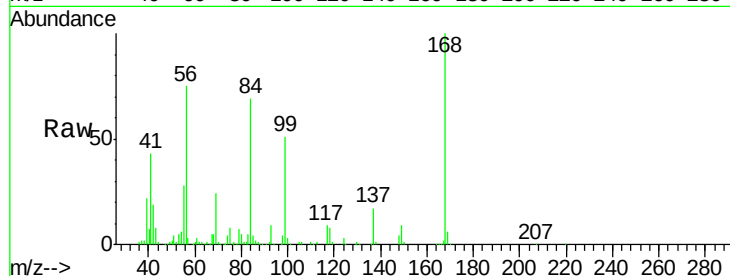
VSTDCCC050

Tgt Ion:168 Resp: 462888

Ion Ratio Lower Upper

168 100

99 51.2 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

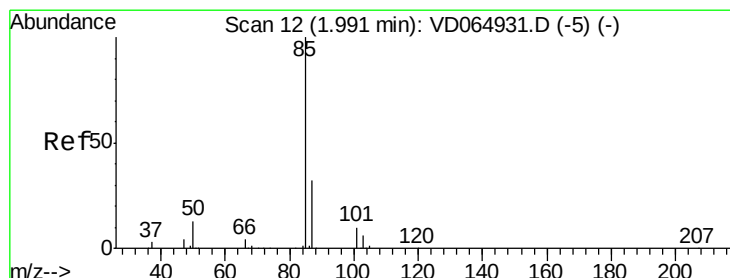
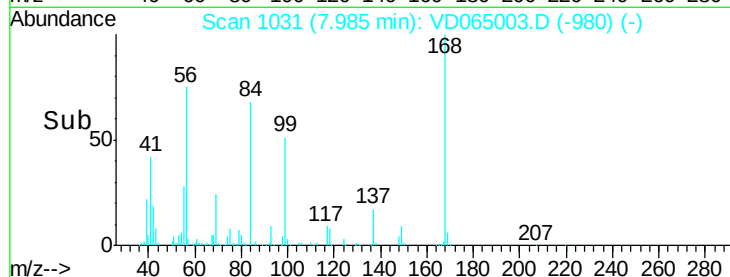
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.47 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065003.D

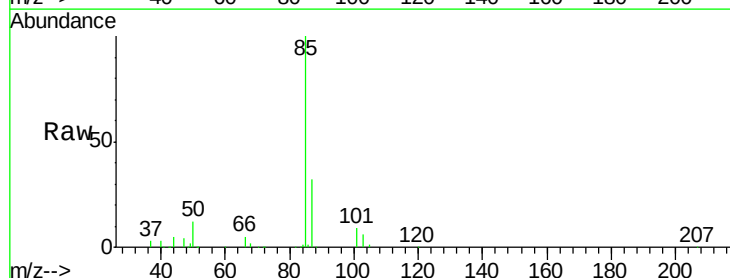
Acq: 30 Jan 2020 10:14

Tgt Ion: 85 Resp: 179474

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

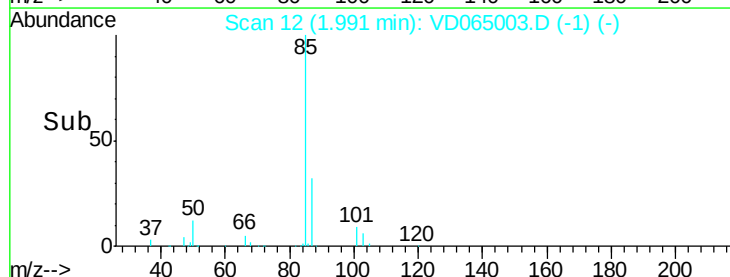
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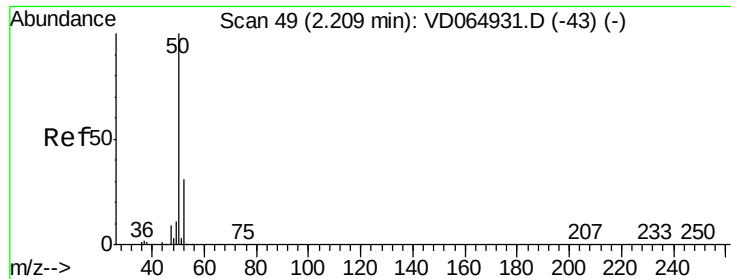
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 48.55 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

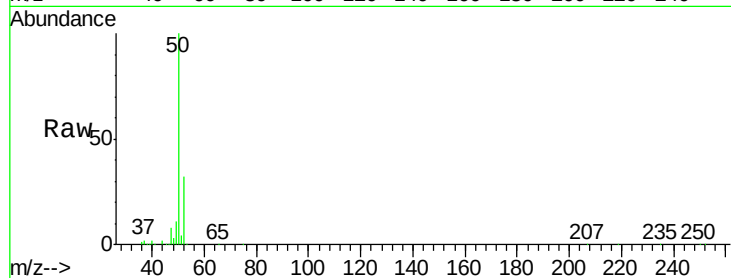
VSTDCCC050

Tgt Ion: 50 Resp: 248142

Ion Ratio Lower Upper

50 100

52 32.0 24.6 36.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

200000

150000

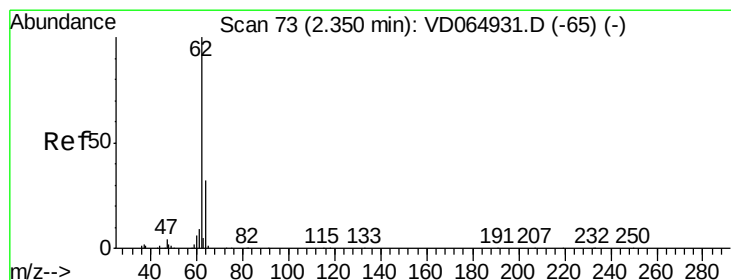
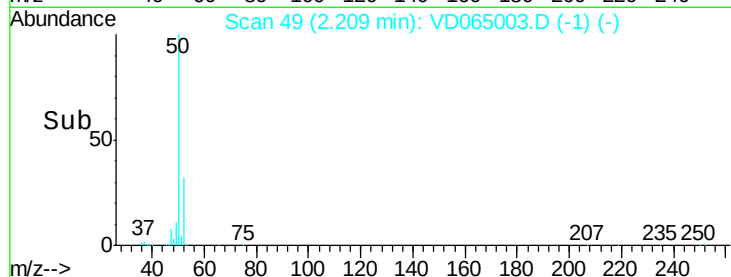
100000

50000

0

Time-->

2.10 2.20 2.30



#4

Vinyl Chloride

Concen: 47.53 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD065003.D

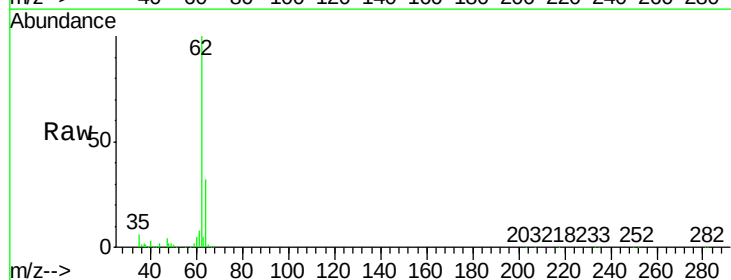
Acq: 30 Jan 2020 10:14

Tgt Ion: 62 Resp: 279033

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.36

200000

150000

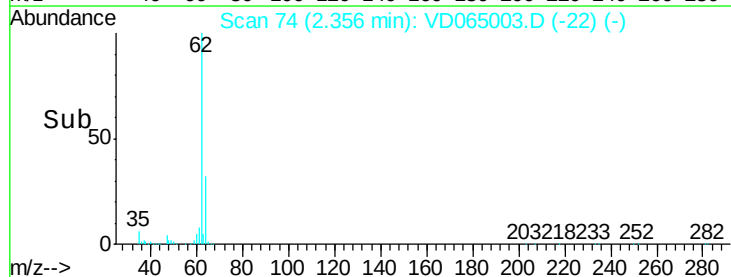
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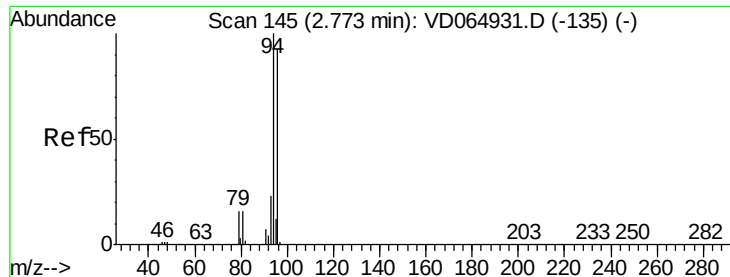
50000

0

Time-->

2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 45.56 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

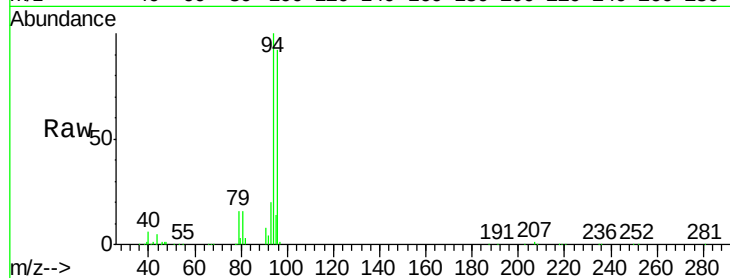
VSTDCCC050

Tgt Ion: 94 Resp: 179884

Ion Ratio Lower Upper

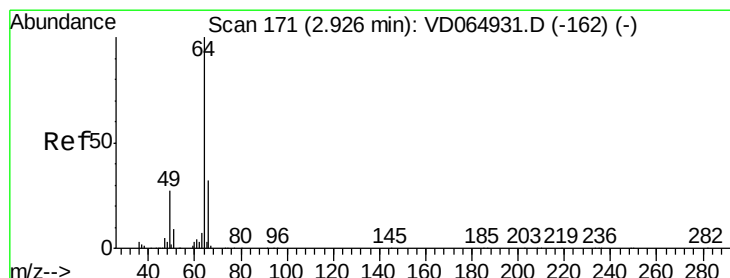
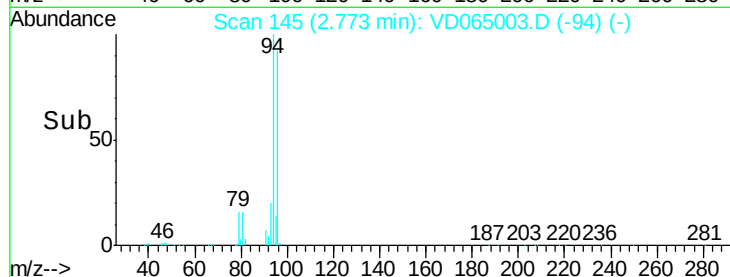
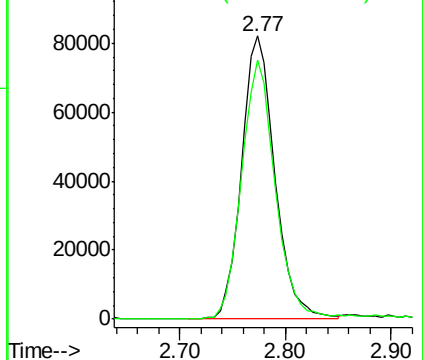
94 100

96 91.6 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.18 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065003.D

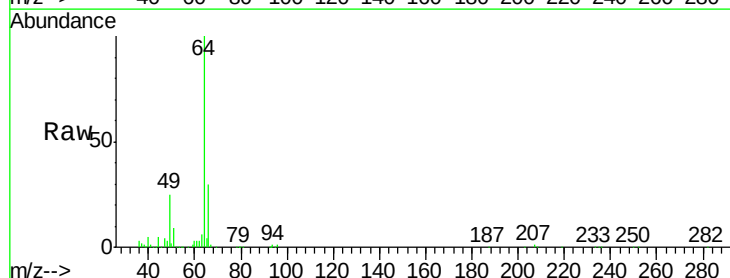
Acq: 30 Jan 2020 10:14

Tgt Ion: 64 Resp: 190314

Ion Ratio Lower Upper

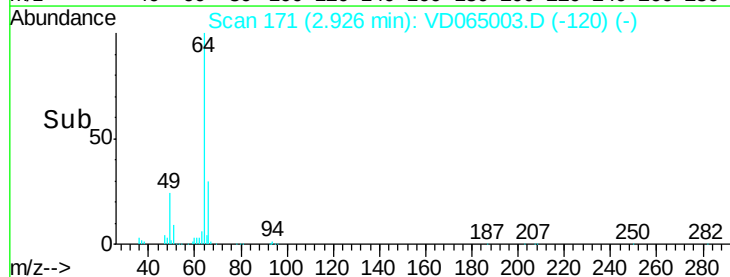
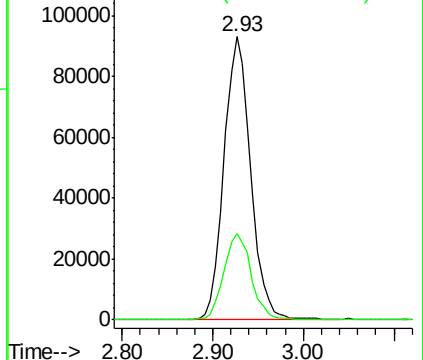
64 100

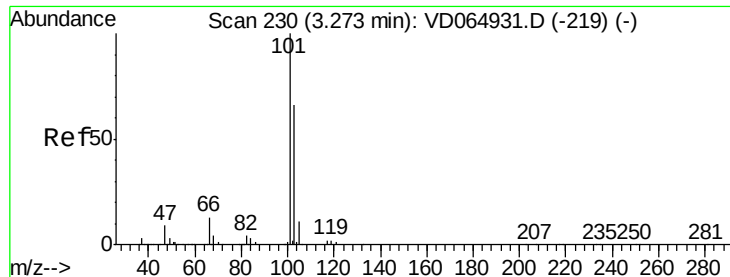
66 30.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



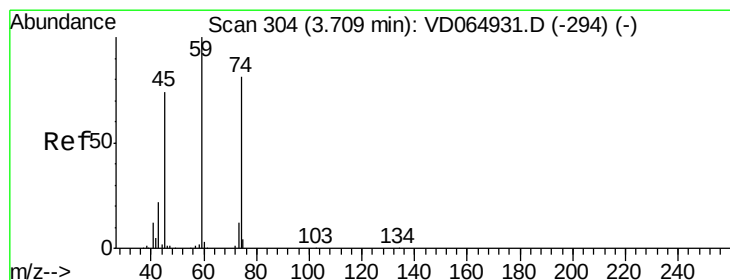
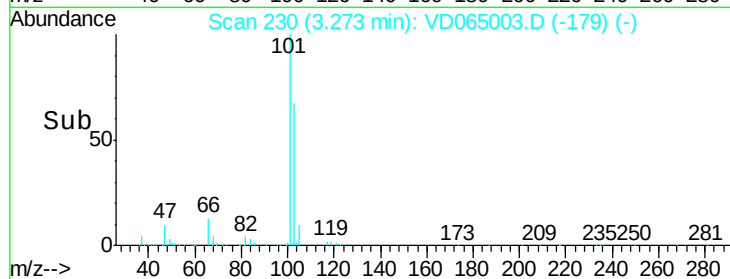
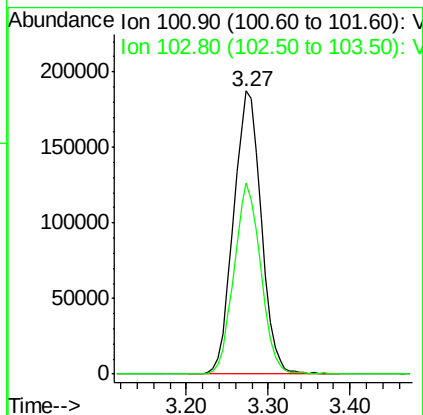
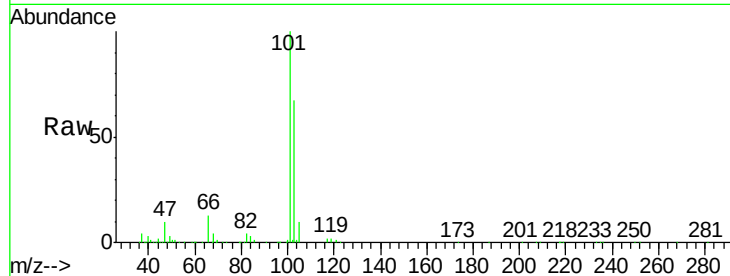


#7

Trichlorofluoromethane
Concen: 48.61 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Instrument :
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ClientSampleId :
VSTDCCC050

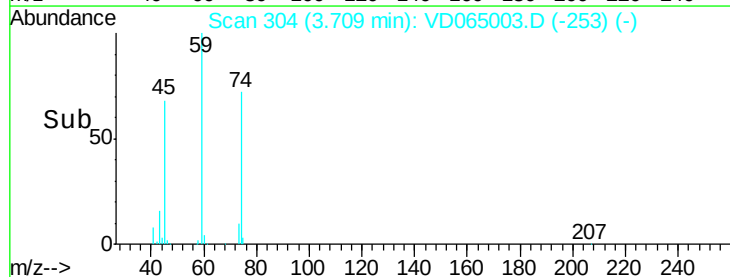
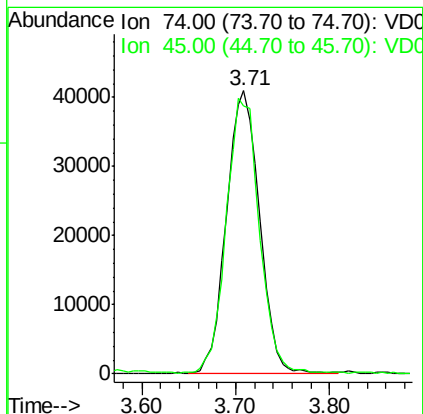
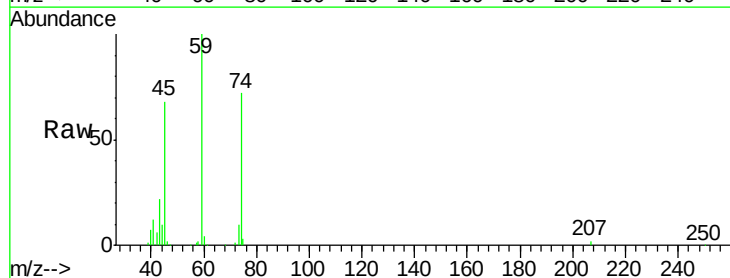
Tgt Ion:101 Resp: 440677
Ion Ratio Lower Upper
101 100
103 67.4 52.5 78.7

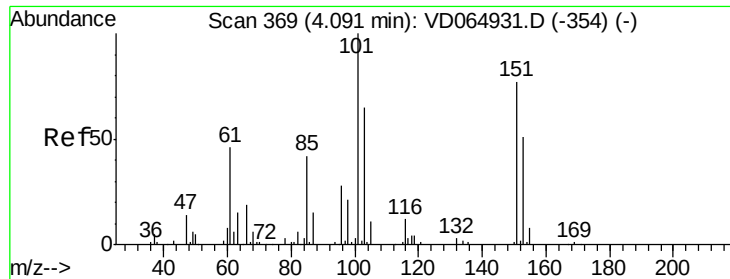


#8

Diethyl Ether
Concen: 49.16 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion: 74 Resp: 100615
Ion Ratio Lower Upper
74 100
45 95.6 48.5 145.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.01 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

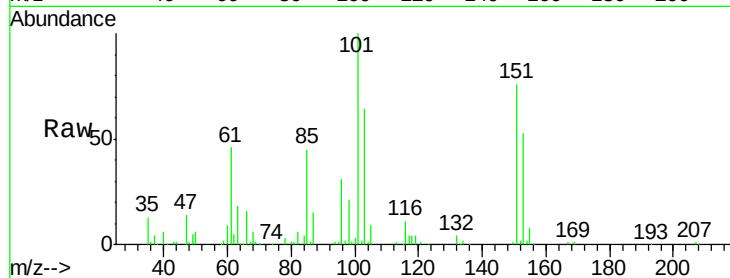
Tgt Ion:101 Resp: 219373

Ion Ratio Lower Upper

101 100

85 43.5 35.0 52.4

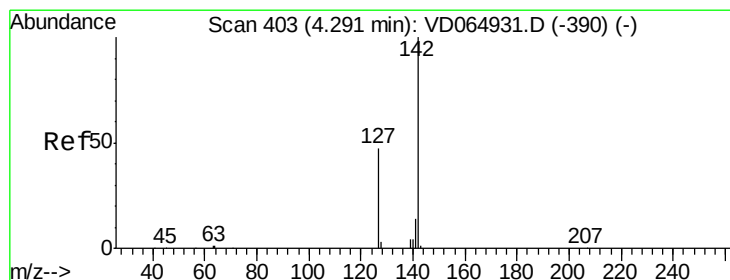
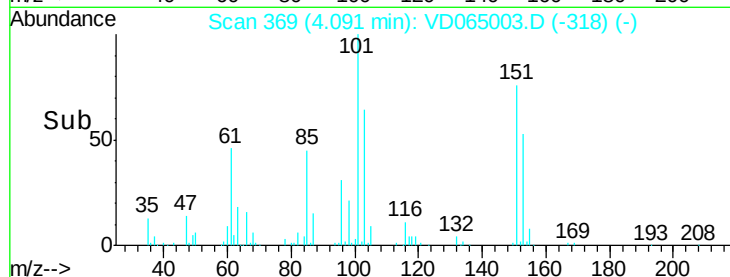
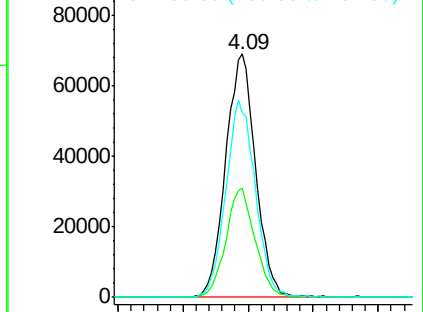
151 79.8 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.64 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

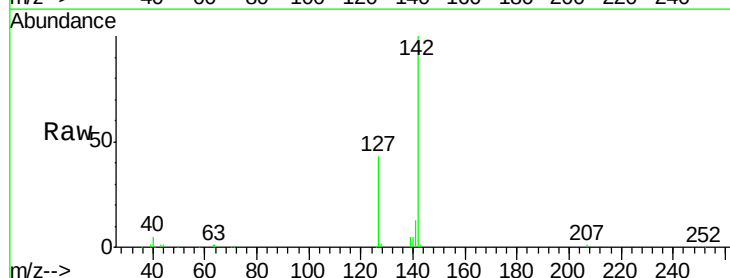
Tgt Ion:142 Resp: 231175

Ion Ratio Lower Upper

142 100

127 46.0 36.2 54.2

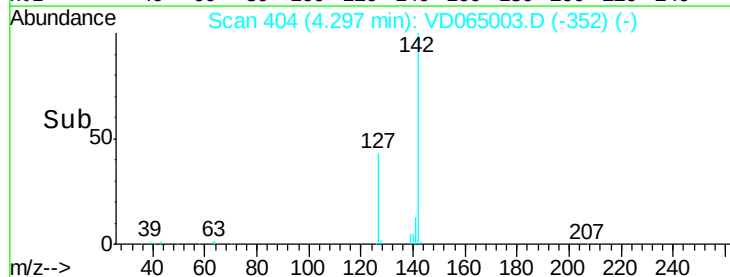
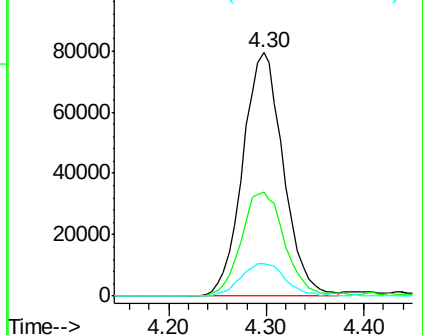
141 14.9 11.6 17.4

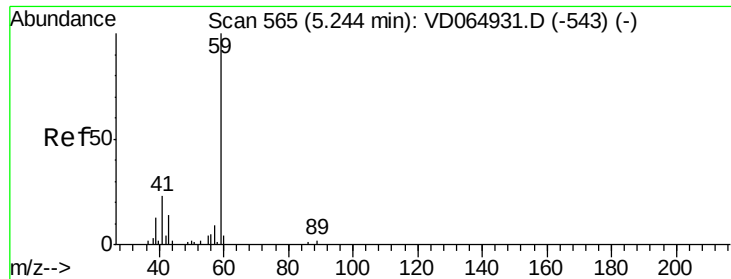


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



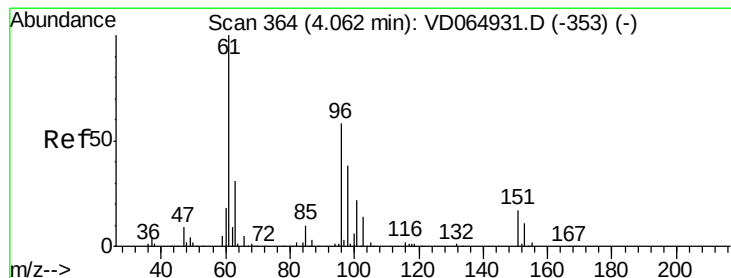
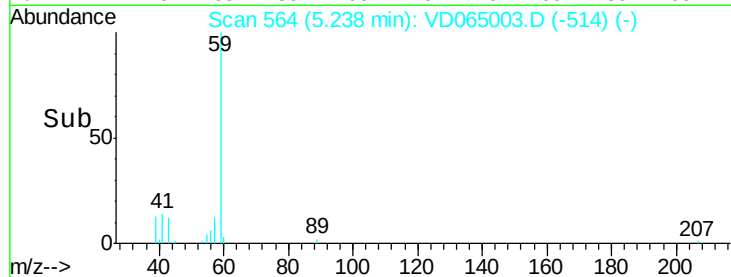
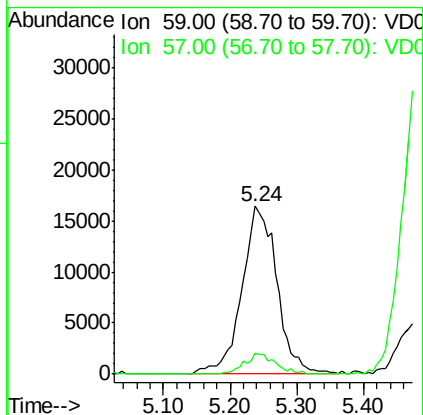
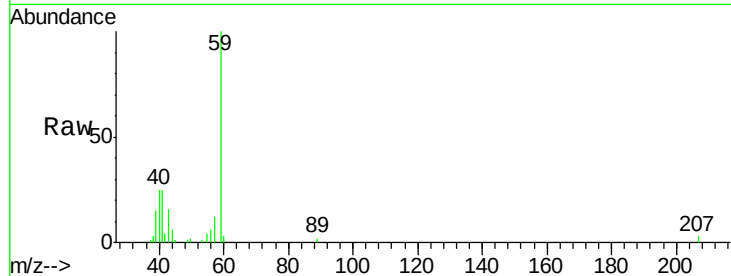


#11

Tert butyl alcohol
Concen: 242.29 ug/l
RT: 5.24 min Scan# 564
Delta R.T. -0.01 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

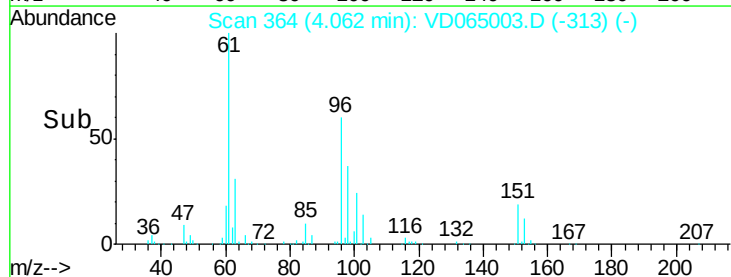
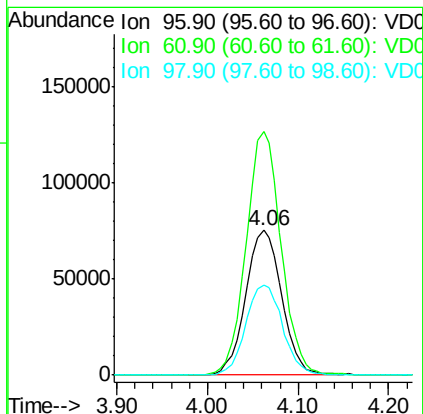
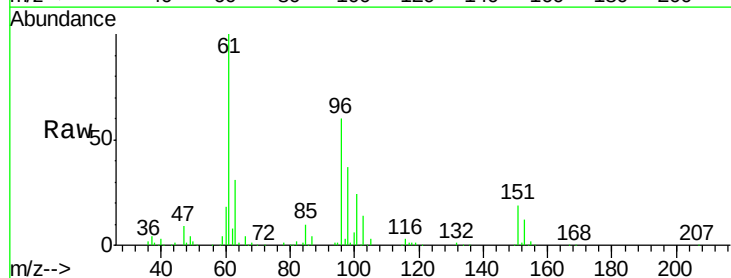
Tgt Ion: 59 Resp: 59448
Ion Ratio Lower Upper
59 100
57 10.8 7.7 11.5

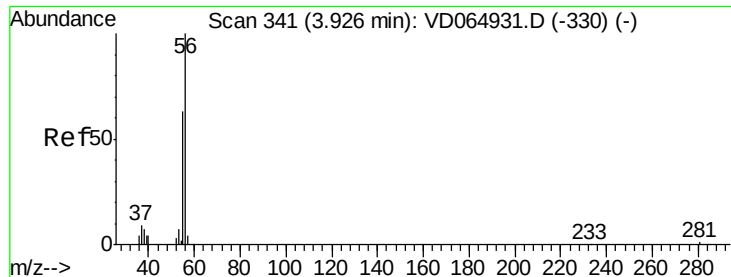


#12

1,1-Dichloroethene
Concen: 51.44 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion: 96 Resp: 207288
Ion Ratio Lower Upper
96 100
61 167.9 137.0 205.4
98 62.4 52.1 78.1





#13

Acrolein

Concen: 304.59 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

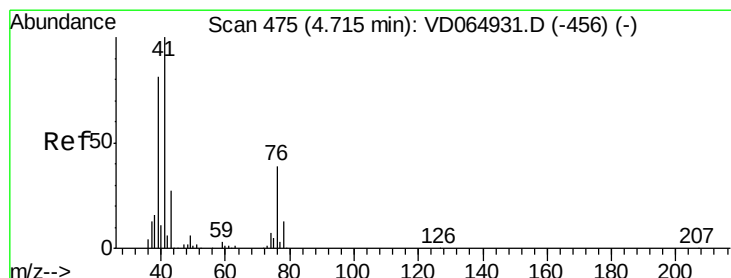
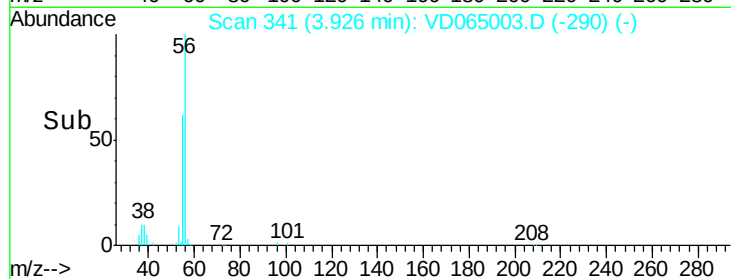
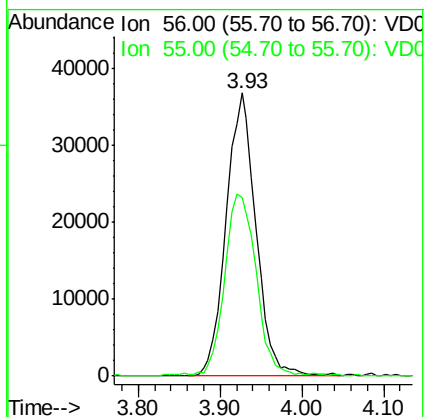
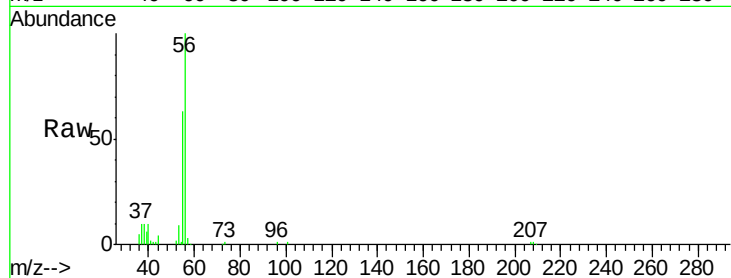
VSTDCCC050

Tgt Ion: 56 Resp: 93688

Ion Ratio Lower Upper

56 100

55 66.2 59.7 89.5



#14

Allyl chloride

Concen: 53.11 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

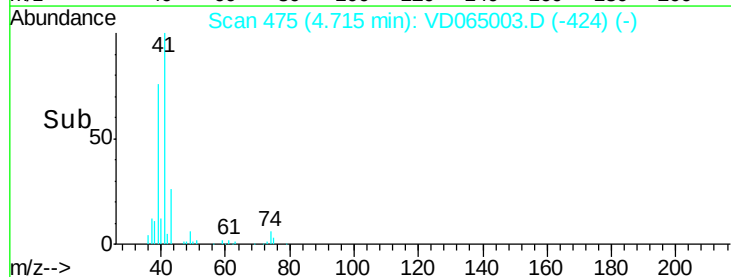
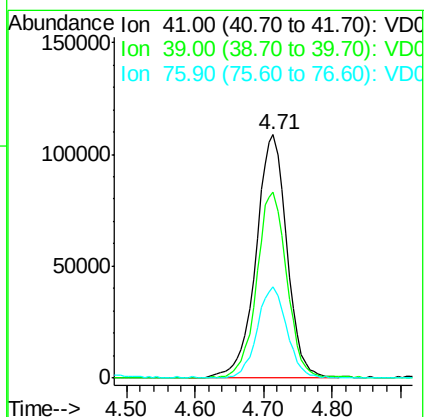
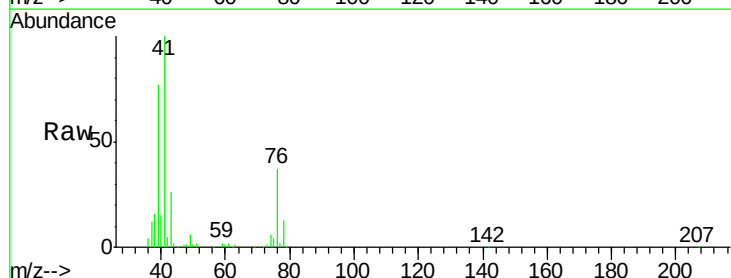
Tgt Ion: 41 Resp: 341323

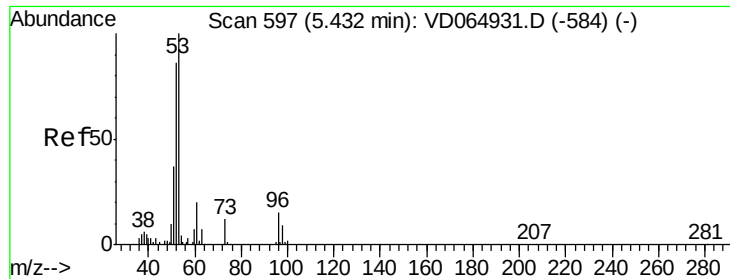
Ion Ratio Lower Upper

41 100

39 74.3 62.0 93.0

76 35.8 29.3 43.9





#15

Acrylonitrile

Concen: 254.58 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

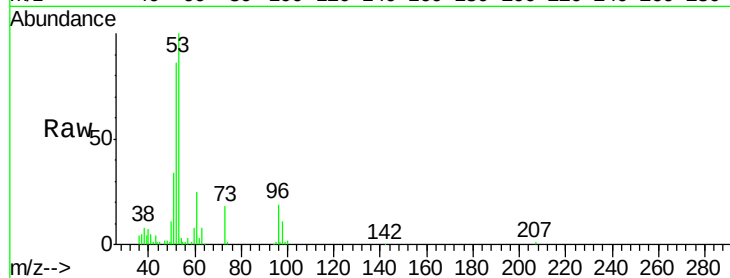
Tgt Ion: 53 Resp: 225620

Ion Ratio Lower Upper

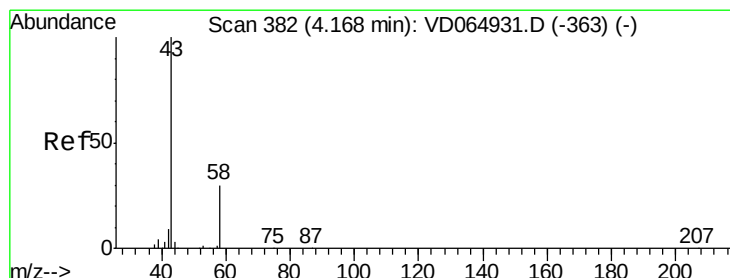
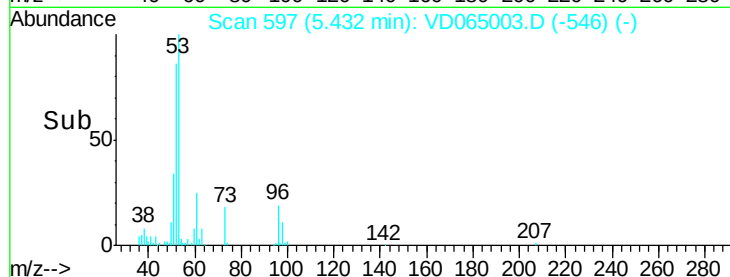
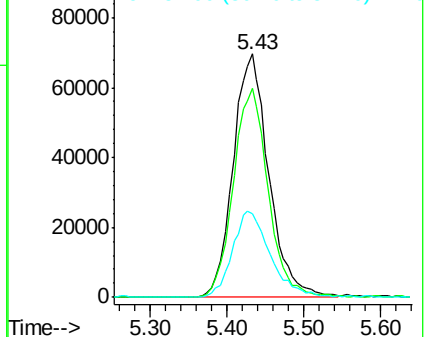
53 100

52 83.4 66.7 100.1

51 37.6 31.1 46.7



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: 261.29 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065003.D

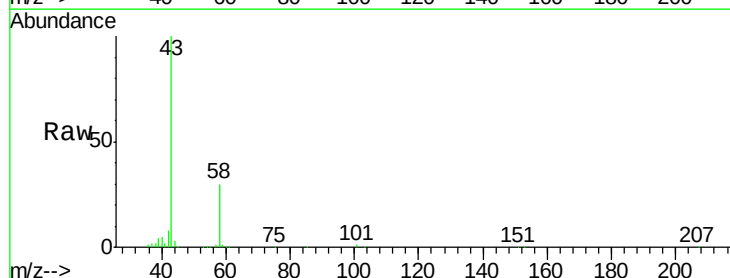
Acq: 30 Jan 2020 10:14

Tgt Ion: 43 Resp: 272648

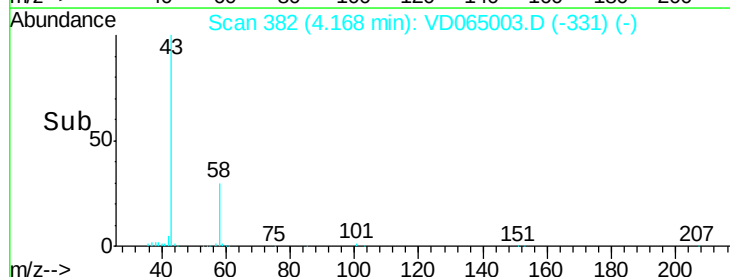
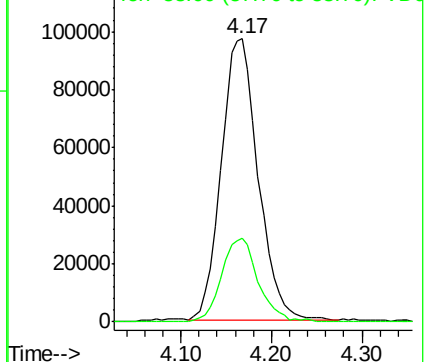
Ion Ratio Lower Upper

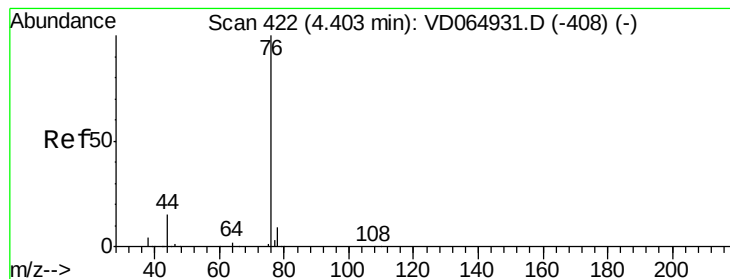
43 100

58 29.6 23.8 35.8



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





#17

Carbon Disulfide

Concen: 49.67 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

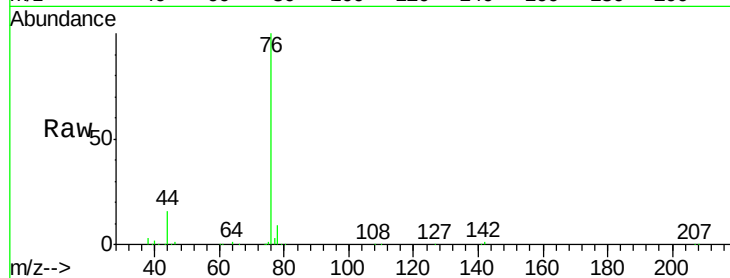
VSTDCCC050

Tgt Ion: 76 Resp: 658673

Ion Ratio Lower Upper

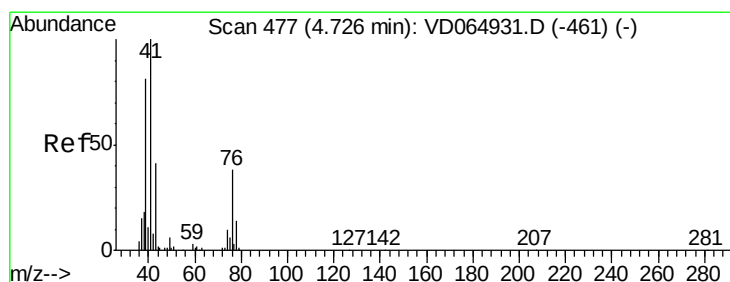
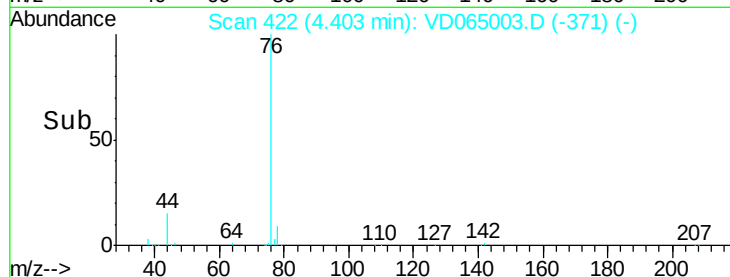
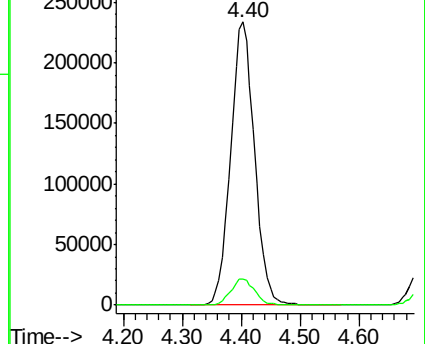
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 49.51 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065003.D

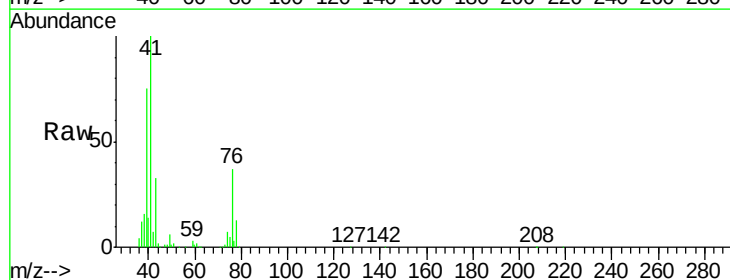
Acq: 30 Jan 2020 10:14

Tgt Ion: 43 Resp: 102959

Ion Ratio Lower Upper

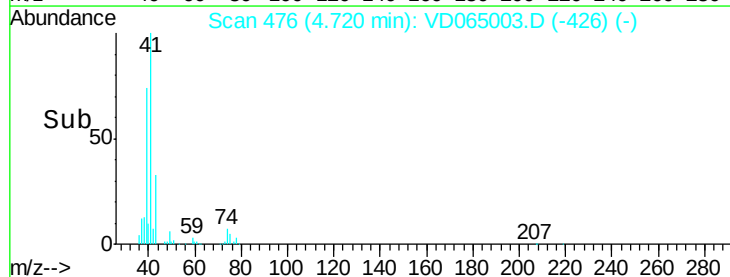
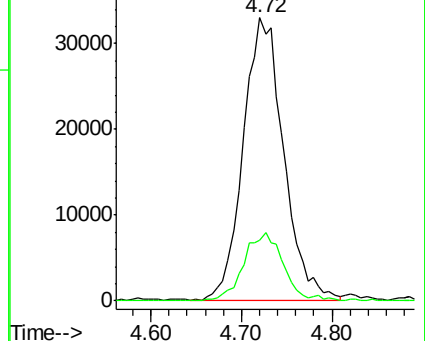
43 100

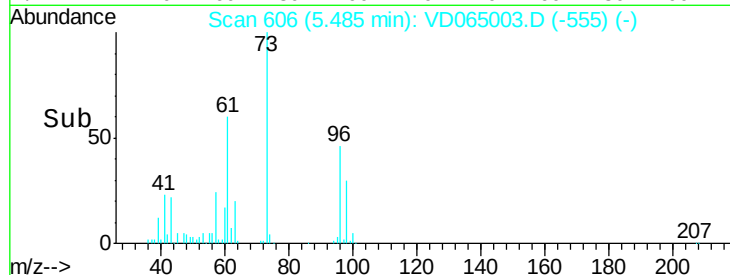
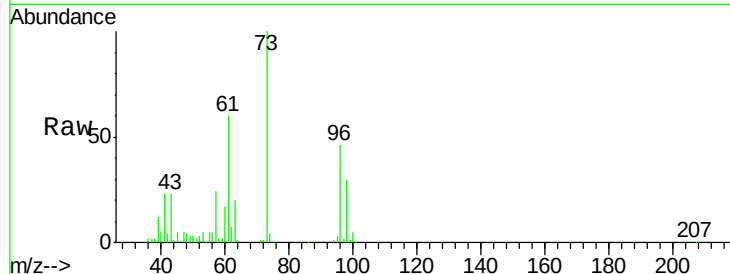
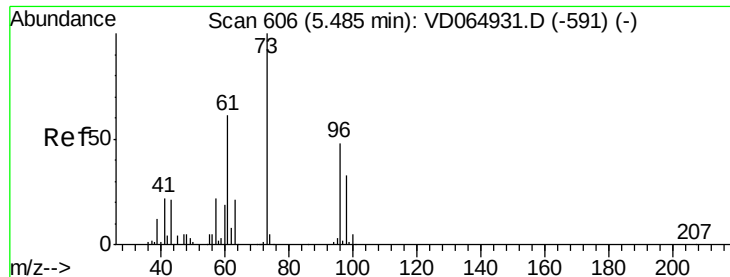
74 23.5 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

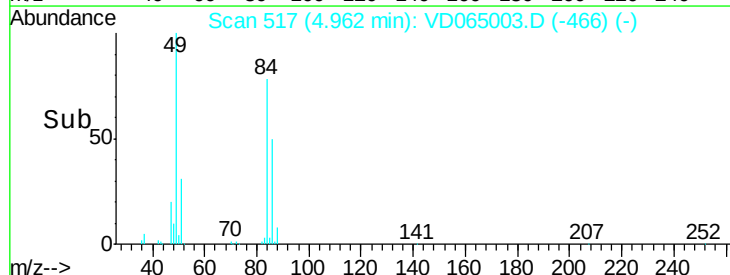
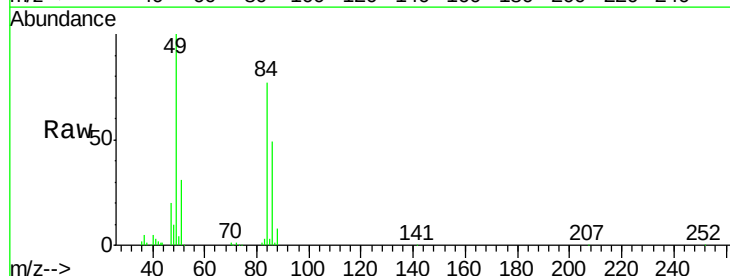
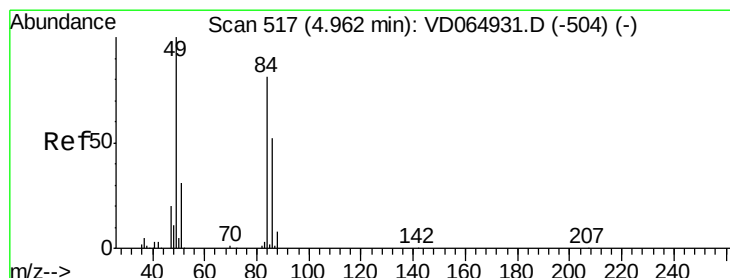
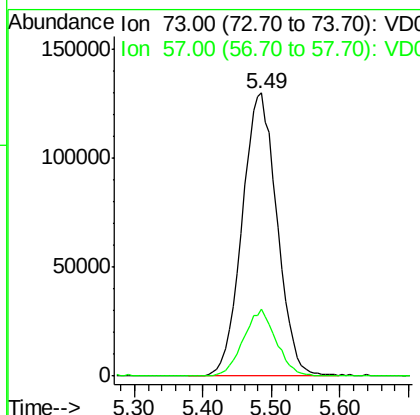




#19
Methyl tert-butyl Ether
Concen: 51.14 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

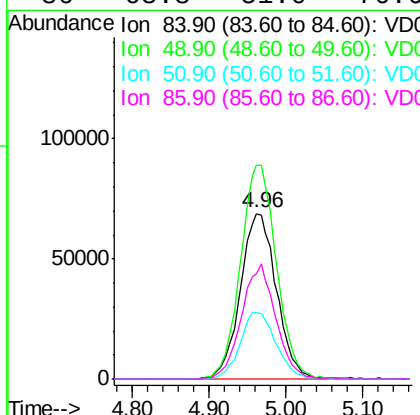
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

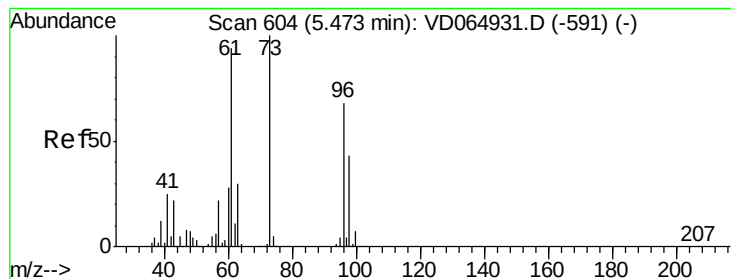
Tgt Ion: 73 Resp: 460416
Ion Ratio Lower Upper
73 100
57 23.9 17.9 26.9



#20
Methylene Chloride
Concen: 52.50 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion: 84 Resp: 225293
Ion Ratio Lower Upper
84 100
49 129.1 98.4 147.6
51 40.1 30.8 46.2
86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.60 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

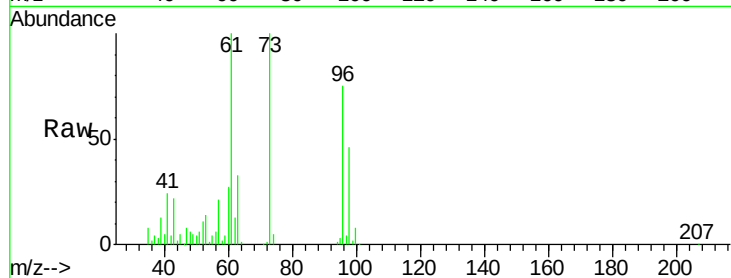
Tgt Ion: 96 Resp: 239544

Ion Ratio Lower Upper

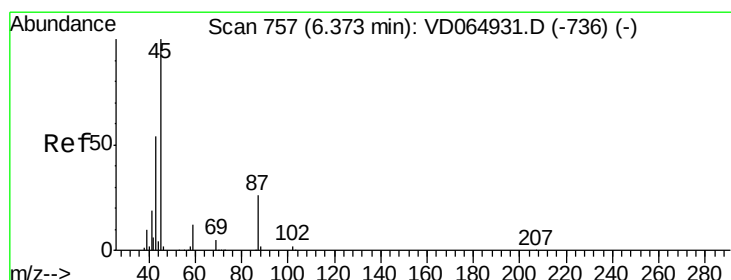
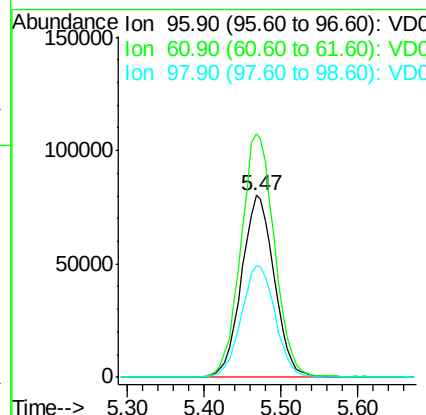
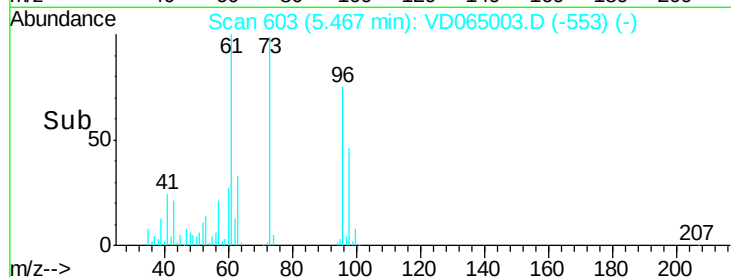
96 100

61 134.0 110.4 165.6

98 61.4 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 52.78 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Tgt Ion: 45 Resp: 676000

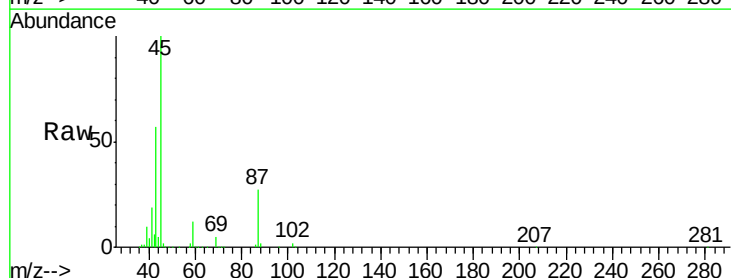
Ion Ratio Lower Upper

45 100

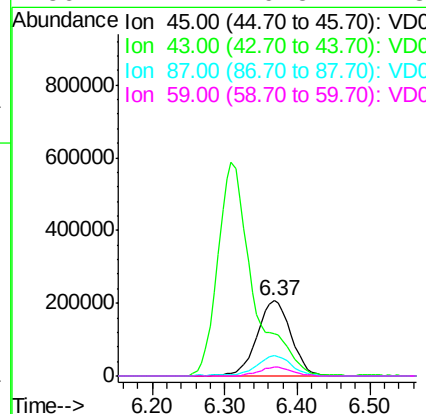
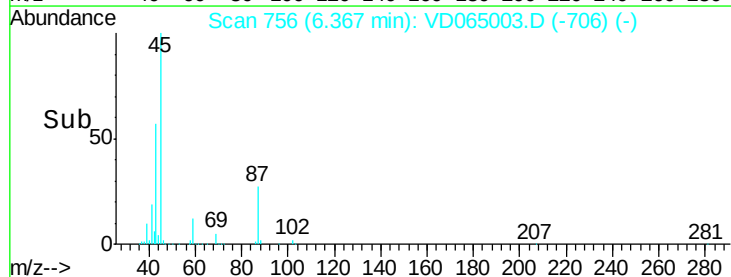
43 55.7 43.1 64.7

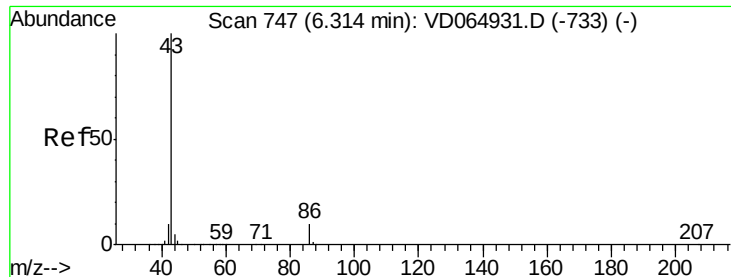
87 27.2 21.4 32.2

59 11.4 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC

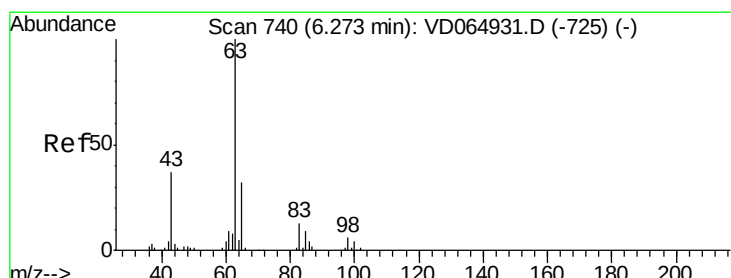
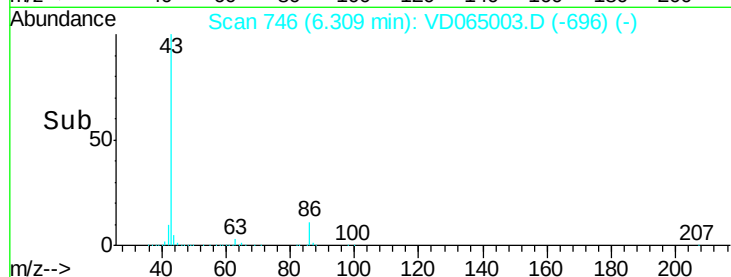
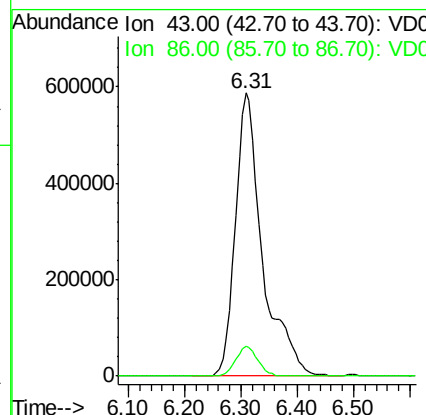
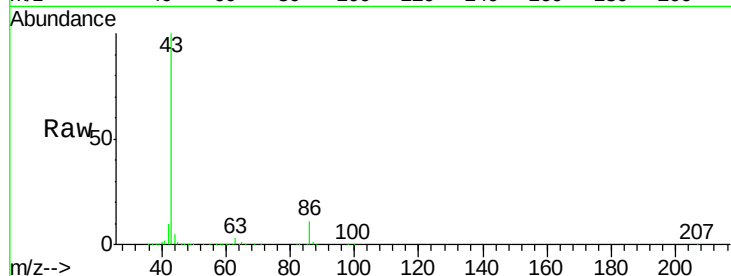




#23
 Vinyl Acetate
 Concen: 262.96 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

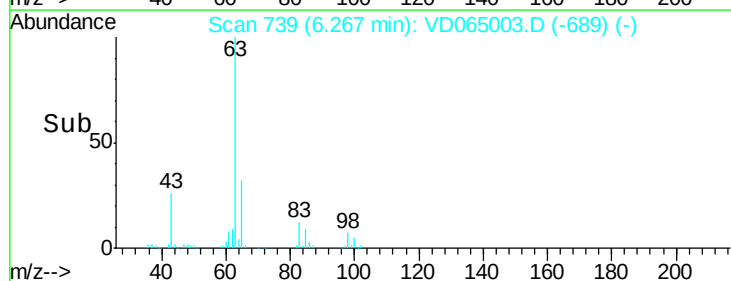
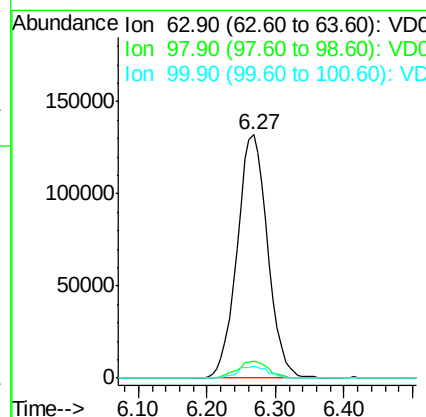
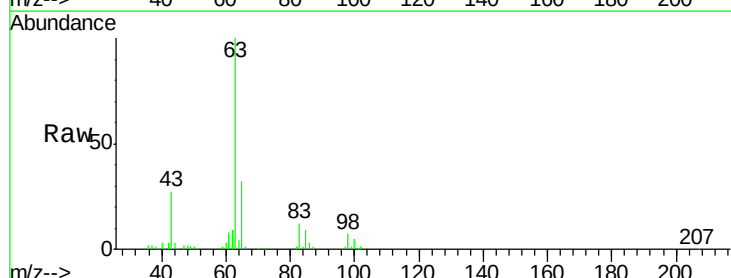
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

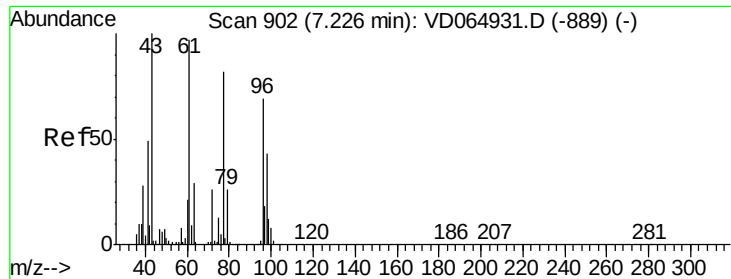
Tgt Ion: 43 Resp: 1971782
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 51.87 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

Tgt Ion: 63 Resp: 407896
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.3
 100 4.7 2.3 6.8

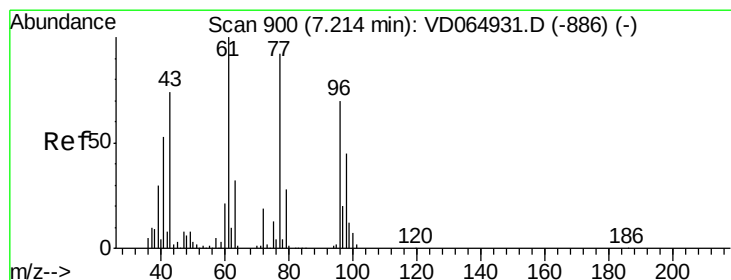
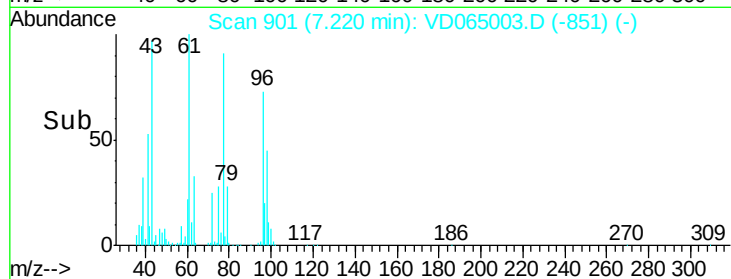
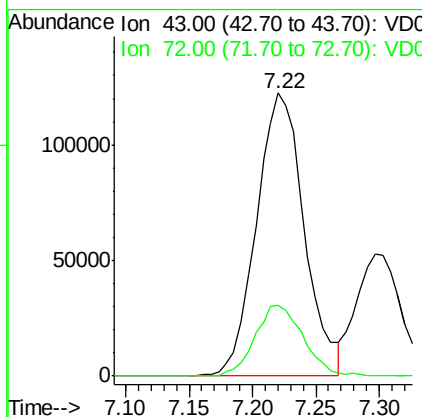
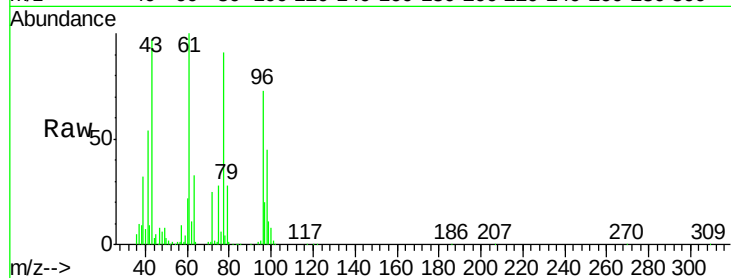




#25
2-Butanone
Concen: 268.17 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

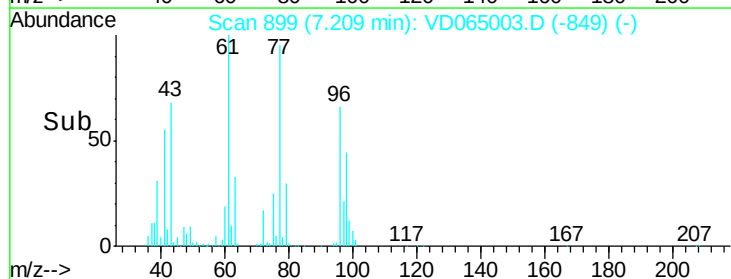
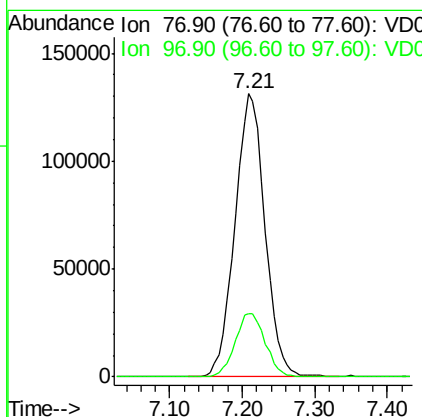
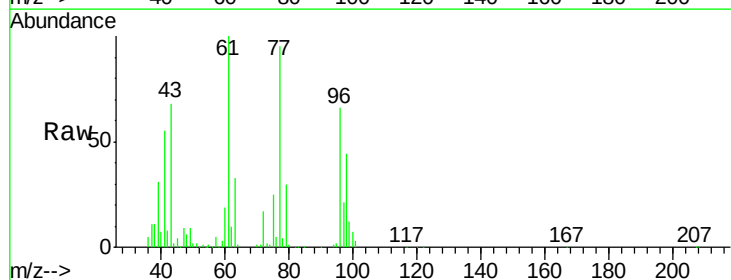
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

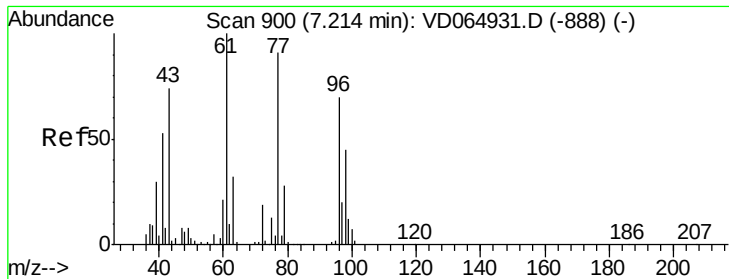
Tgt Ion: 43 Resp: 321680
Ion Ratio Lower Upper
43 100
72 25.3 20.6 31.0



#26
2,2-Dichloropropane
Concen: 52.93 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion: 77 Resp: 377501
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 51.63 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

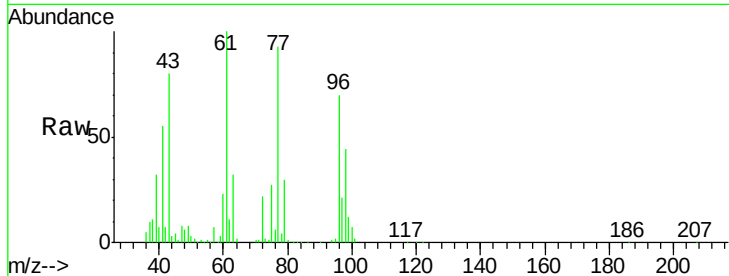
Tgt Ion: 96 Resp: 255808

Ion Ratio Lower Upper

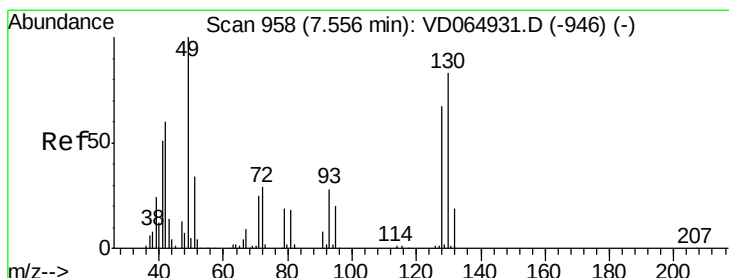
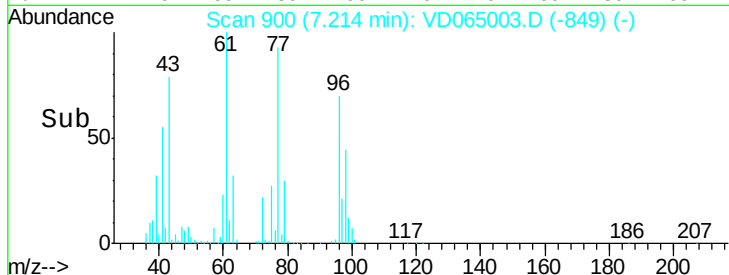
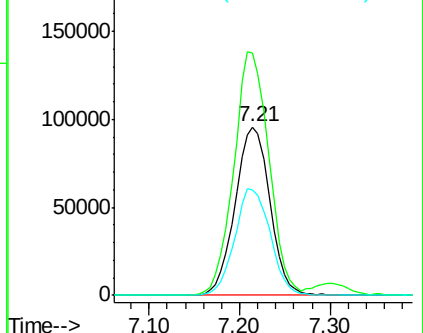
96 100

61 145.7 0.0 292.8

98 64.4 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 54.73 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

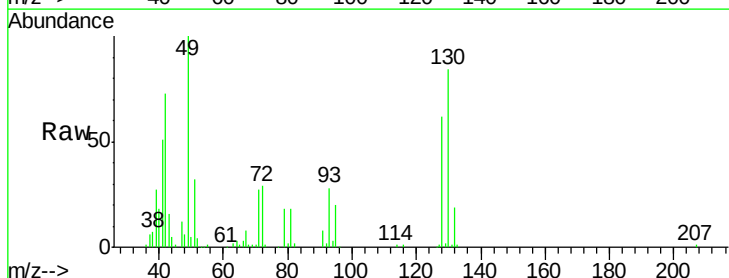
Tgt Ion: 49 Resp: 172108

Ion Ratio Lower Upper

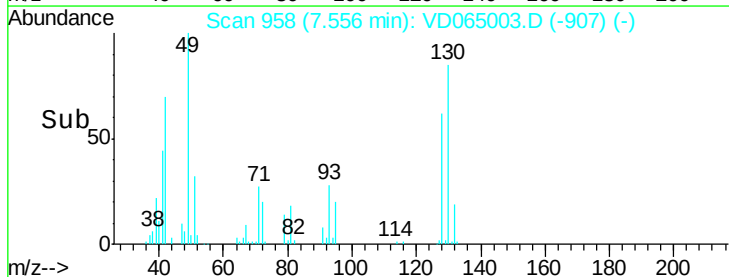
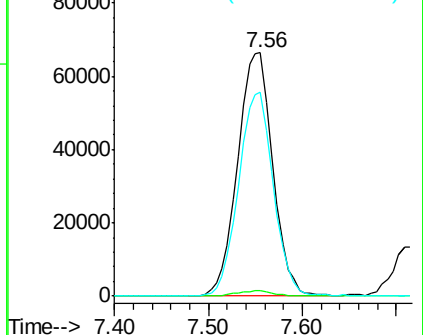
49 100

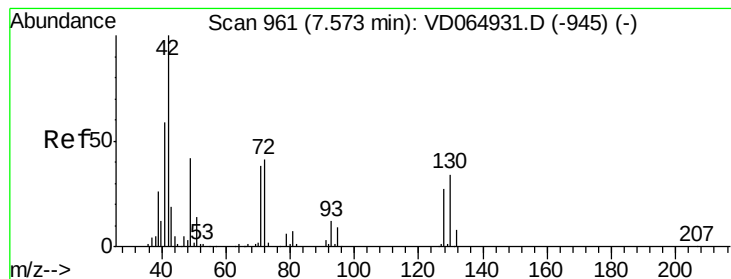
129 2.2 0.0 4.4

130 82.7 63.8 95.8



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 250.21 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

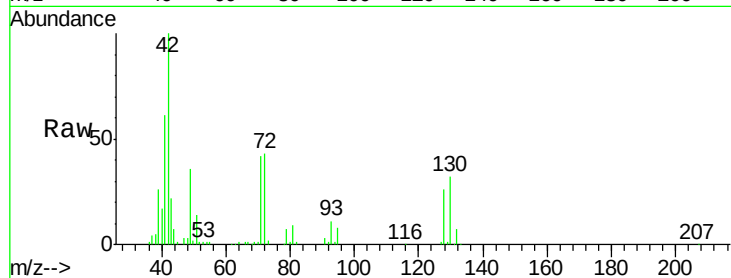
Tgt Ion: 42 Resp: 185188

Ion Ratio Lower Upper

42 100

72 41.9 34.0 51.0

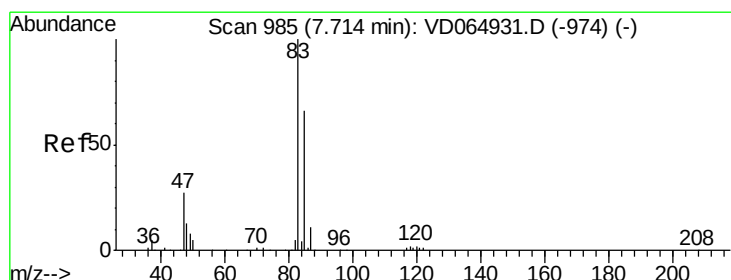
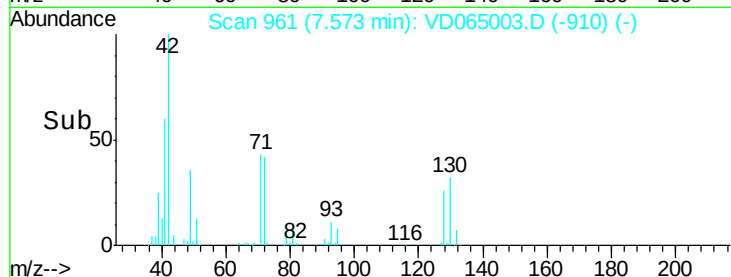
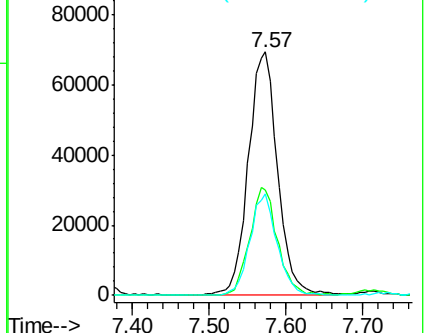
71 39.0 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 51.48 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD065003.D

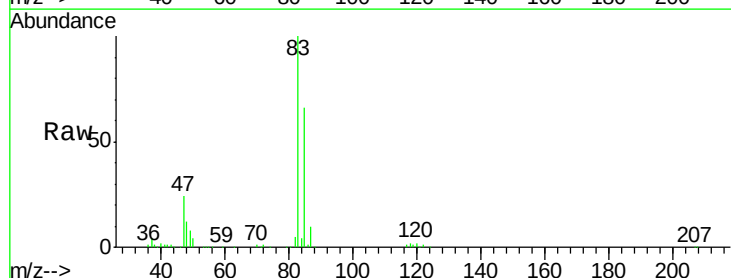
Acq: 30 Jan 2020 10:14

Tgt Ion: 83 Resp: 418442

Ion Ratio Lower Upper

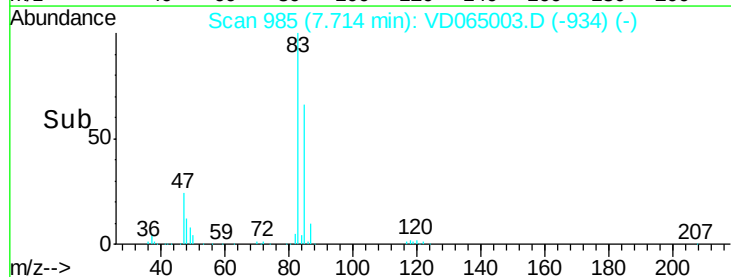
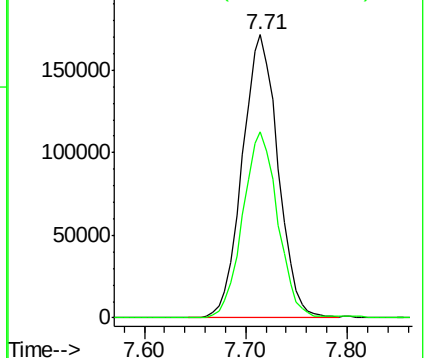
83 100

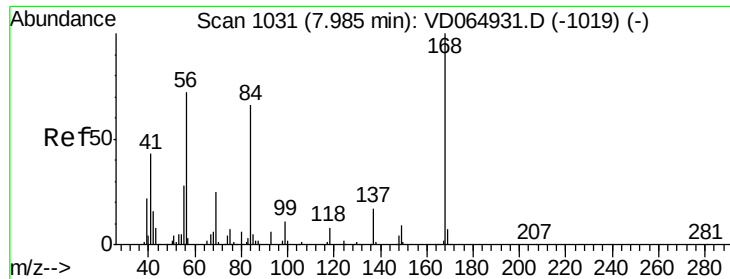
85 65.6 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

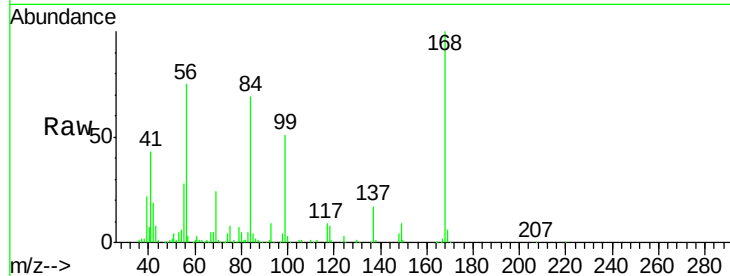




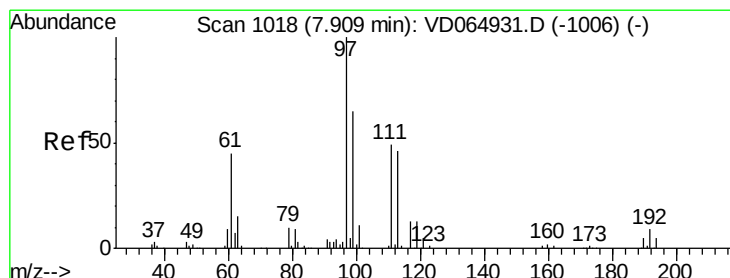
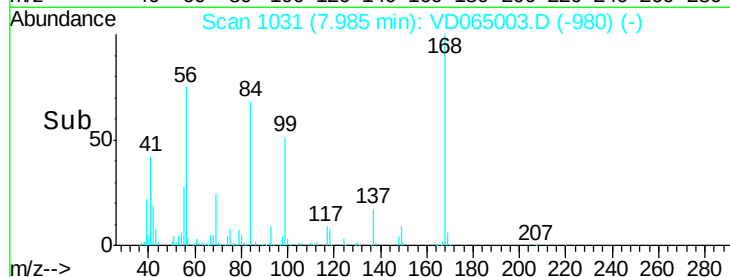
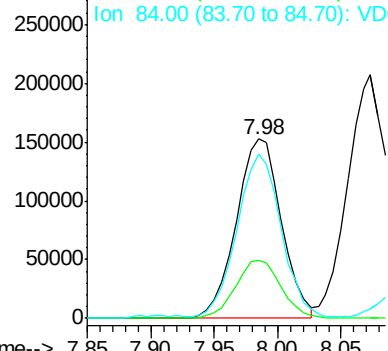
#31
Cyclohexane
Concen: 48.93 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 378483
Ion Ratio Lower Upper
56 100
69 32.3 27.9 41.9
84 90.3 72.8 109.2

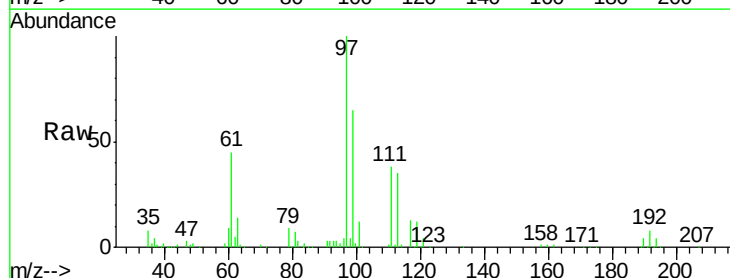


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

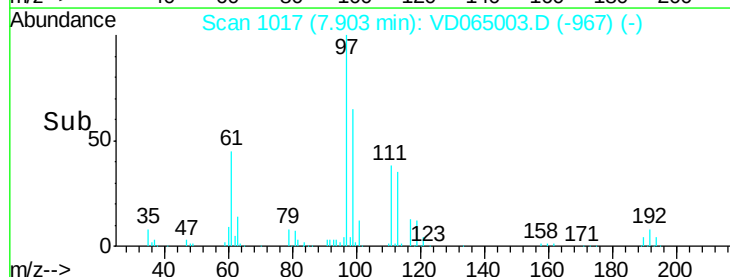
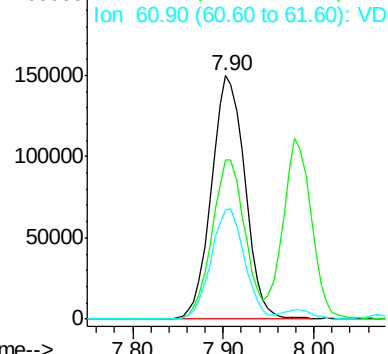


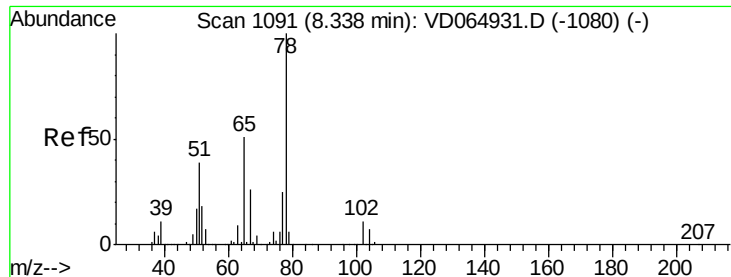
#32
1,1,1-Trichloroethane
Concen: 50.98 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion: 97 Resp: 385540
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 45.3 35.7 53.5



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

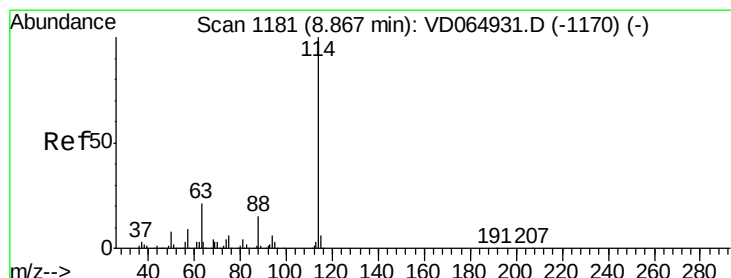
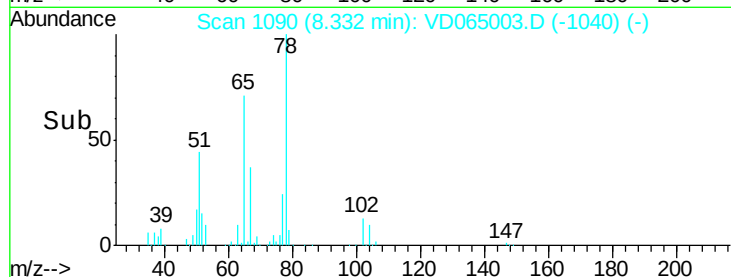
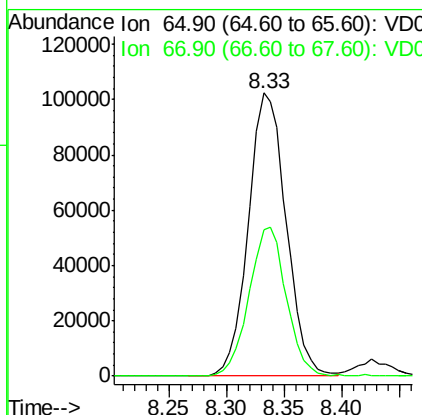
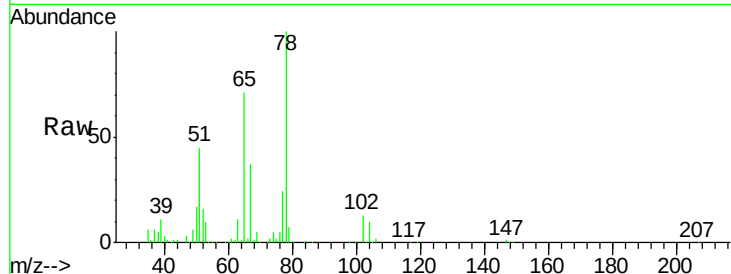




#33
 1,2-Dichloroethane-d4
 Concen: 52.58 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

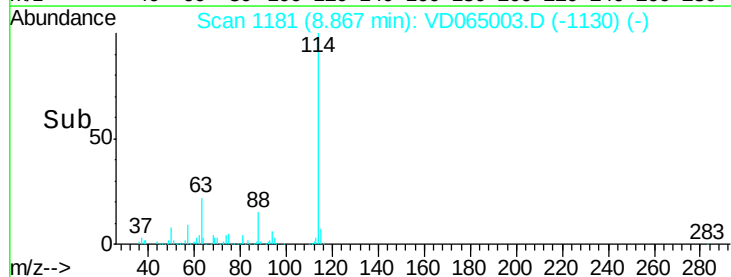
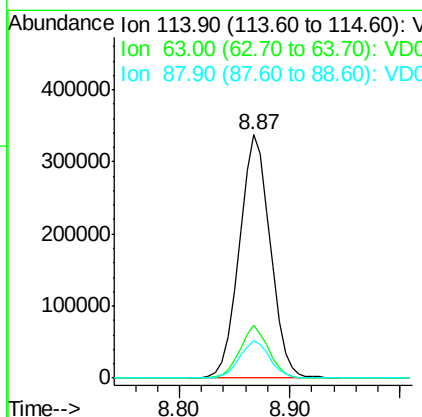
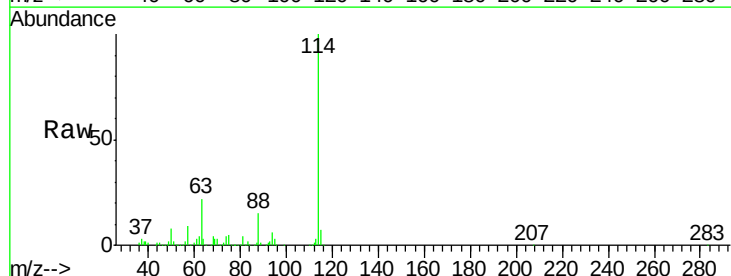
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

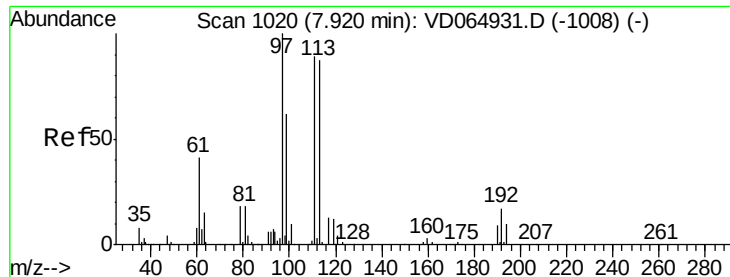
Tgt Ion: 65 Resp: 233462
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

Tgt Ion: 114 Resp: 665074
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.0
 88 15.3 0.0 29.4

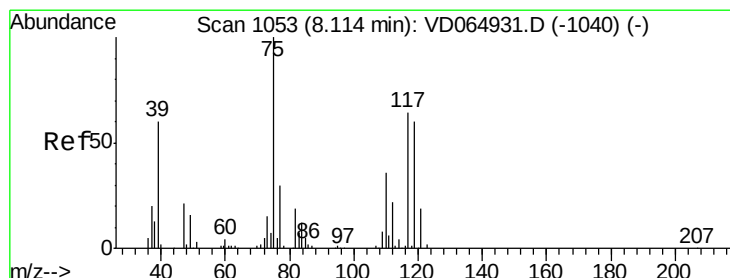
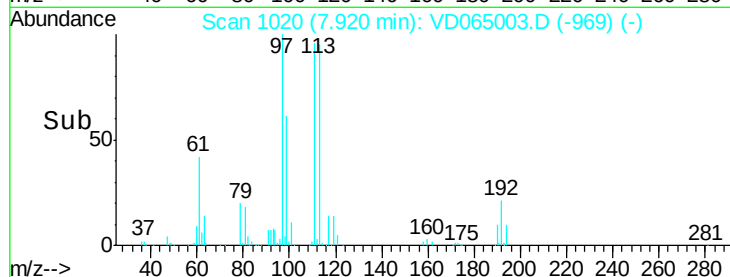
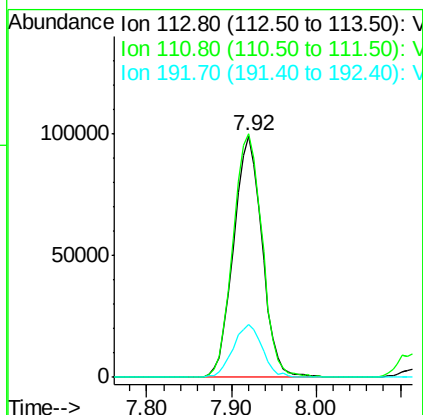
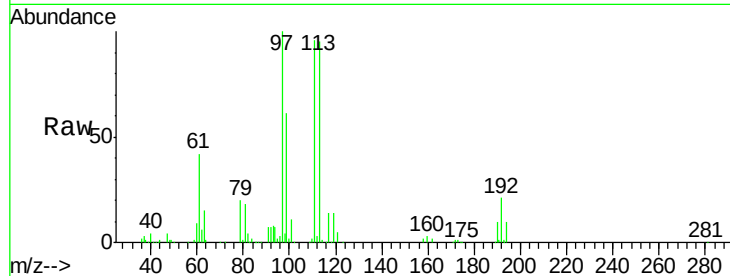




#35
Dibromofluoromethane
Concen: 55.14 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

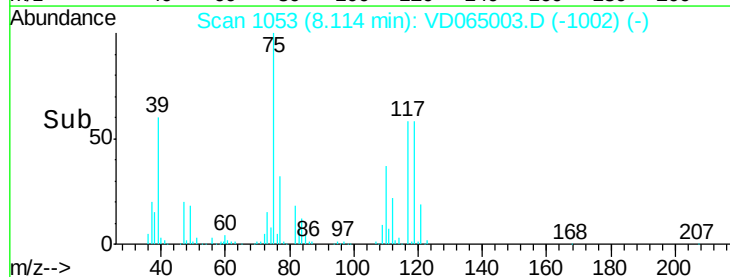
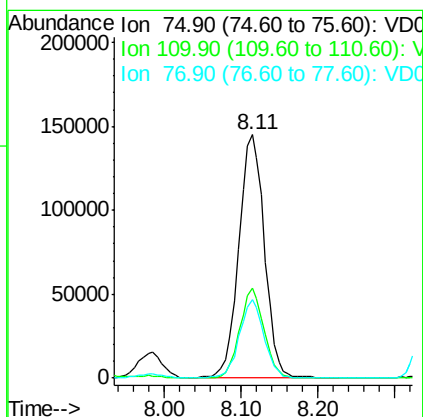
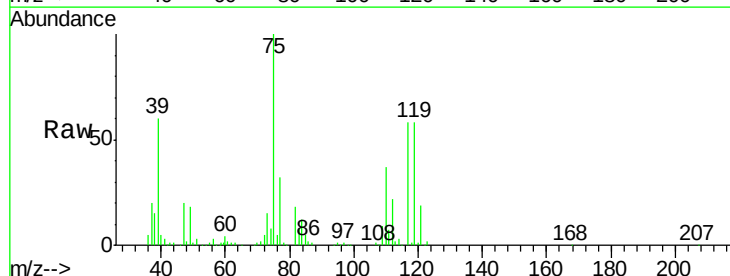
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

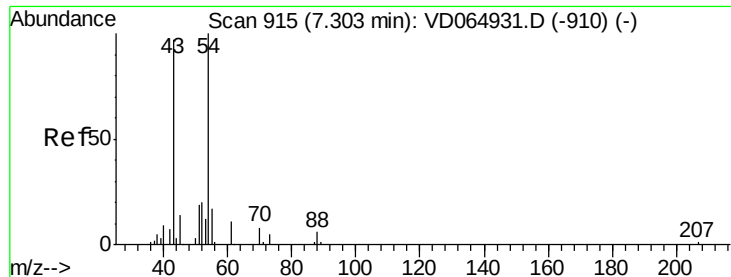
Tgt Ion:113 Resp: 230466
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 22.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 52.85 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion: 75 Resp: 338928
Ion Ratio Lower Upper
75 100
110 34.8 17.3 52.0
77 31.0 24.7 37.1

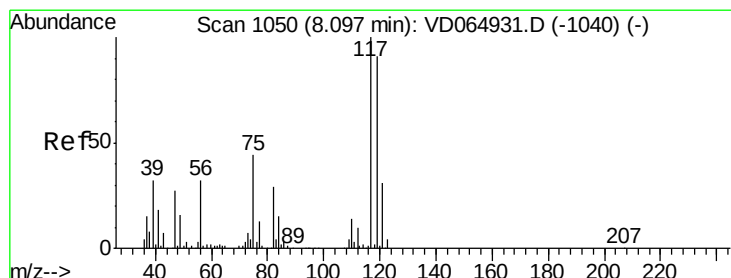
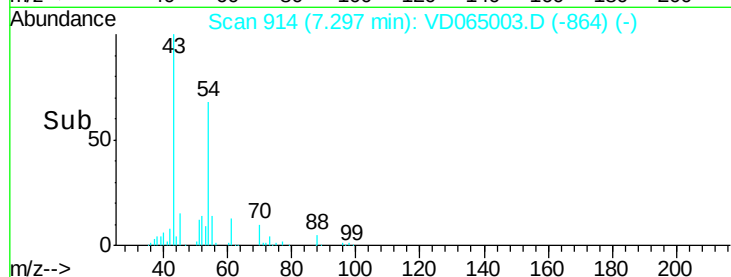
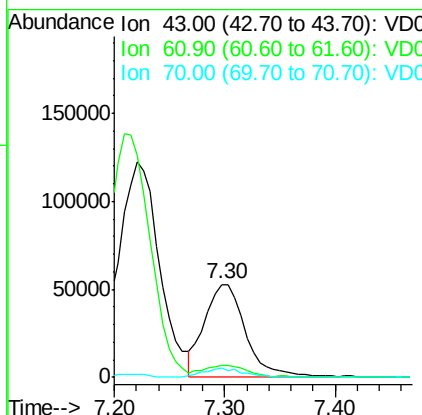
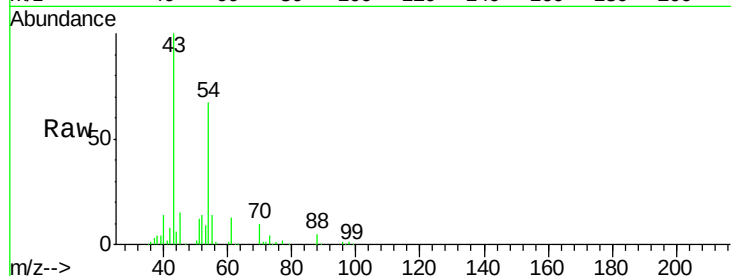




#37
Ethyl Acetate
Concen: 50.26 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

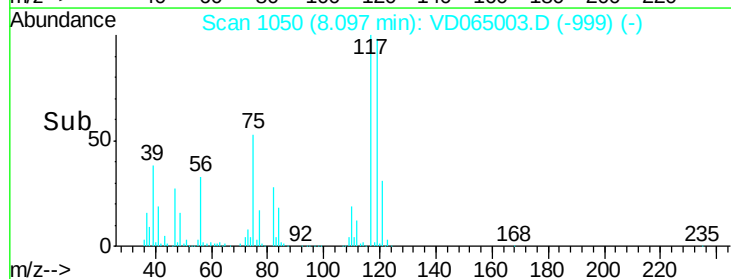
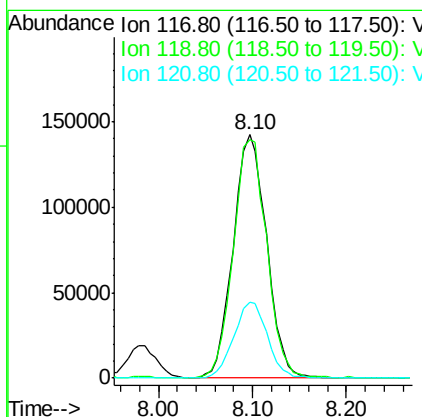
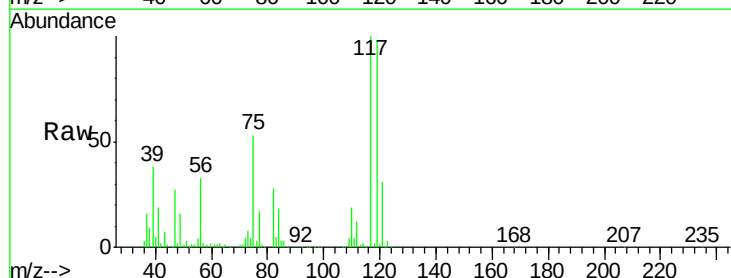
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

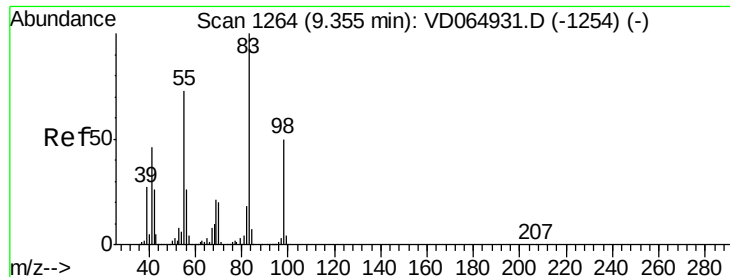
Tgt Ion: 43 Resp: 133133
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.4
70 9.5 7.5 11.3



#38
Carbon Tetrachloride
Concen: 51.76 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion: 117 Resp: 350875
Ion Ratio Lower Upper
117 100
119 97.9 73.2 109.8
121 31.5 24.4 36.6

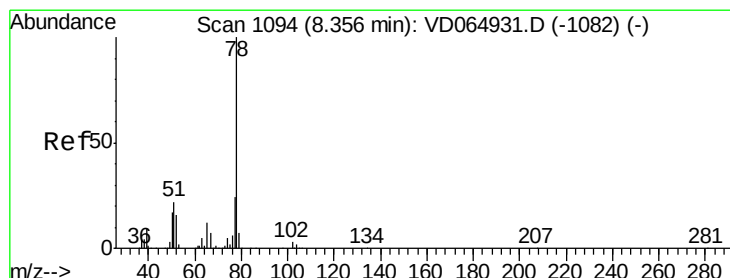
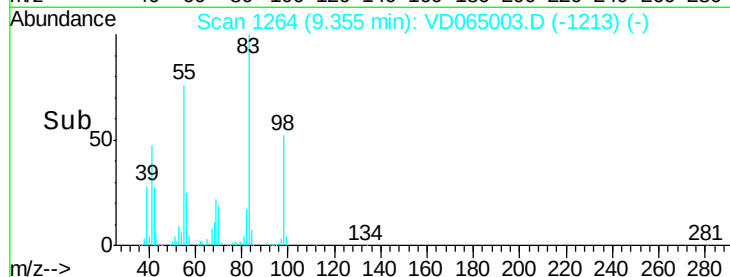
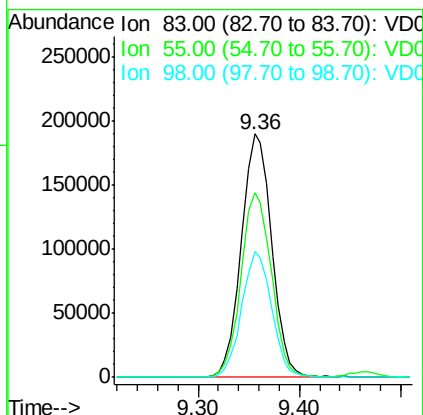
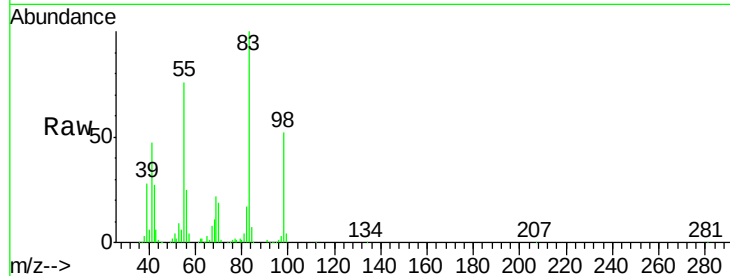




#39
Methylcyclohexane
Concen: 53.03 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

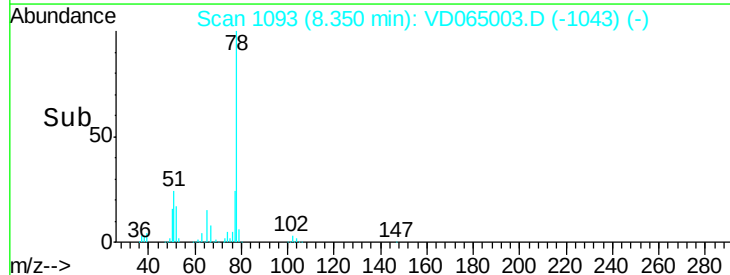
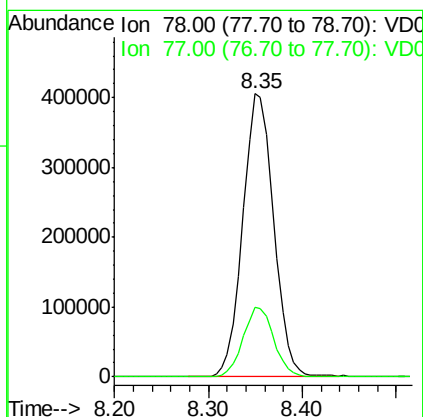
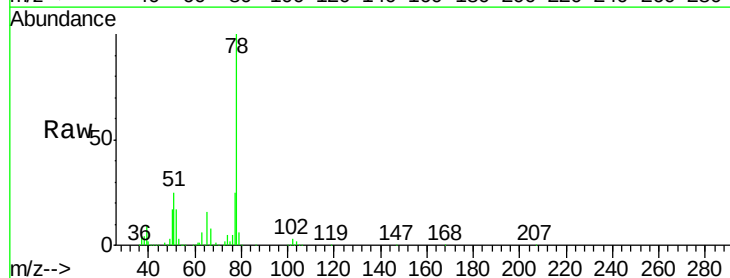
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

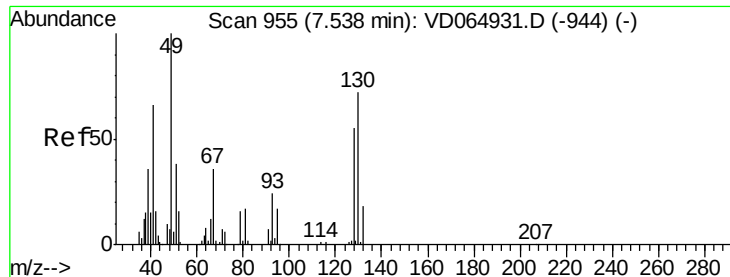
Tgt Ion: 83 Resp: 397618
Ion Ratio Lower Upper
83 100
55 76.1 58.7 88.1
98 51.6 40.2 60.2



#40
Benzene
Concen: 52.33 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion: 78 Resp: 924319
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8

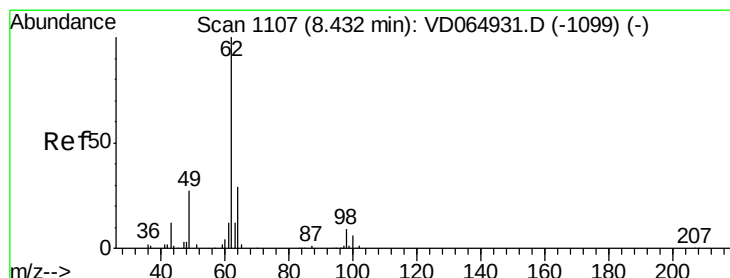
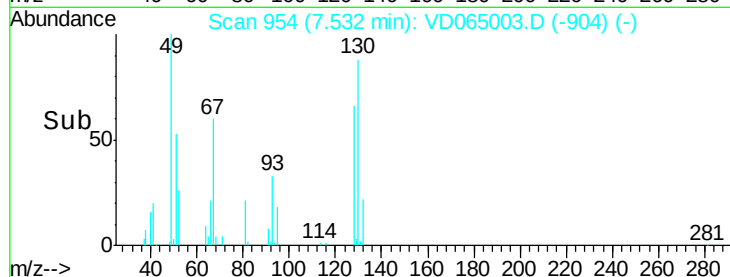
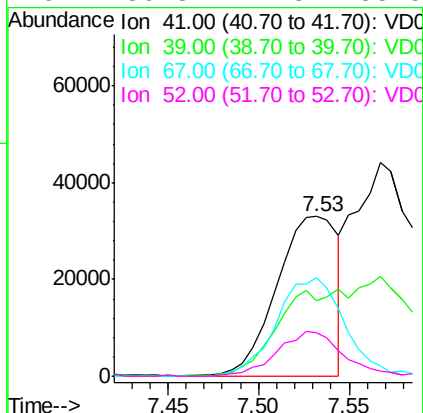
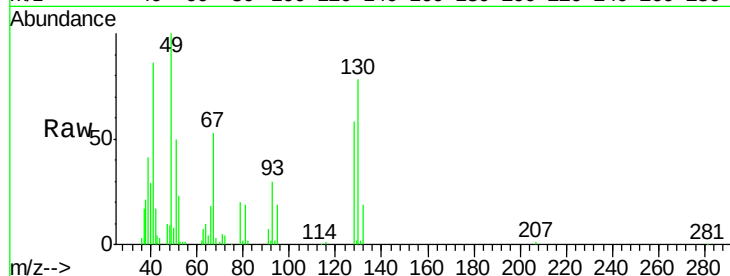




#41
Methacrylonitrile
Concen: 54.46 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.01 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

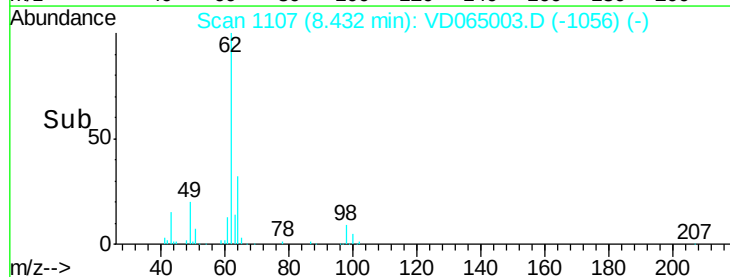
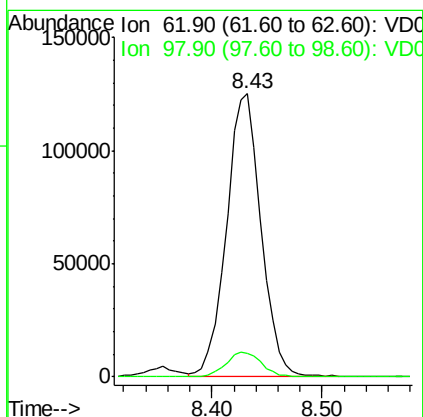
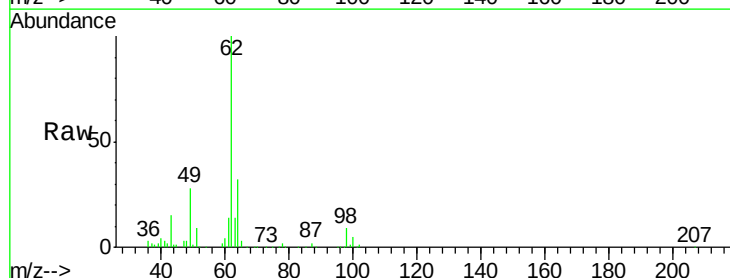
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

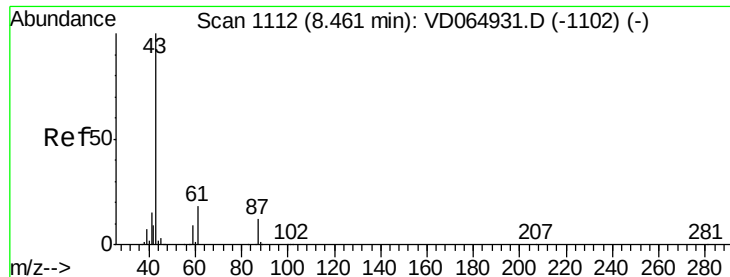
Tgt Ion:	41	Resp:	77718
Ion	Ratio	Lower	Upper
41	100		
39	38.6	49.3	73.9#
67	69.2	51.0	76.6
52	30.3	22.3	33.5



#42
1,2-Dichloroethane
Concen: 51.98 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion:	62	Resp:	273467
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8





#43

Isopropyl Acetate

Concen: 51.33 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

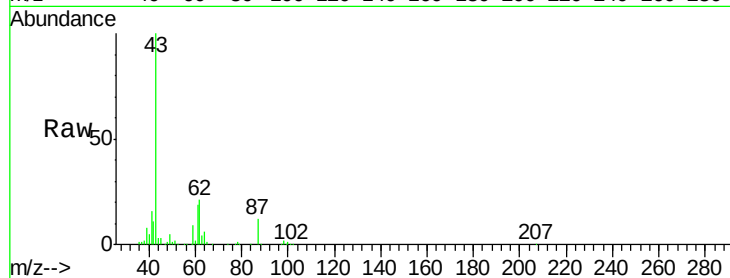
Tgt Ion: 43 Resp: 258278

Ion Ratio Lower Upper

43 100

61 29.6 23.8 35.6

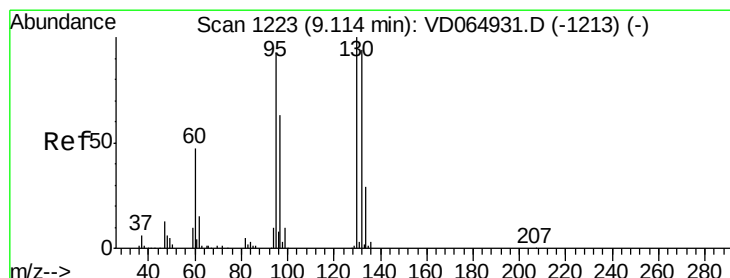
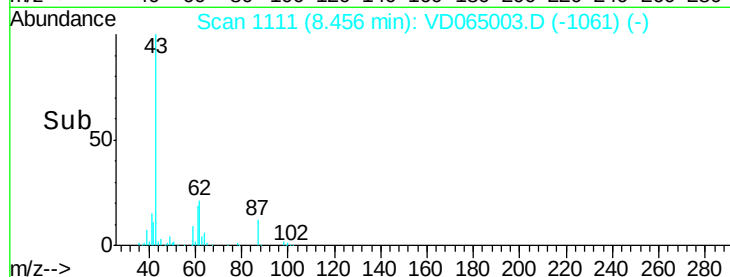
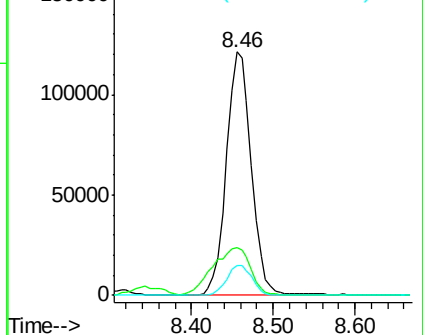
87 12.5 10.3 15.5



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: 52.59 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065003.D

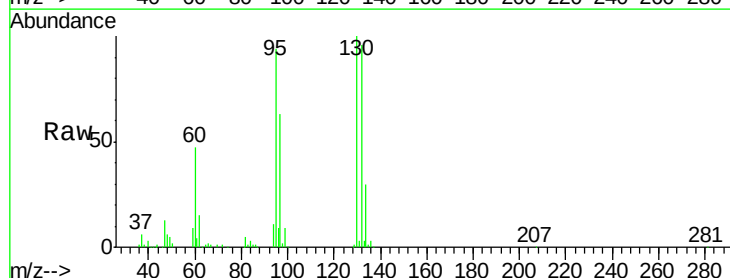
Acq: 30 Jan 2020 10:14

Tgt Ion: 130 Resp: 259947

Ion Ratio Lower Upper

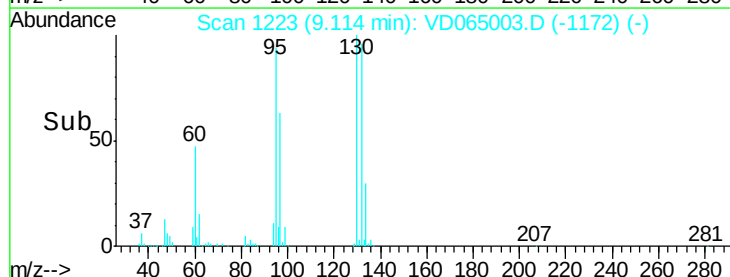
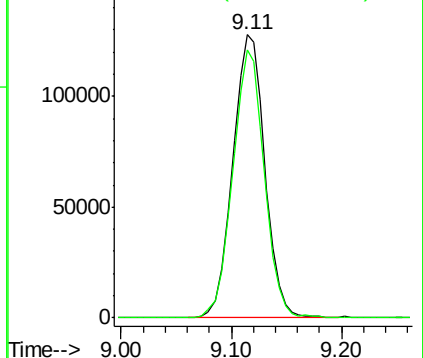
130 100

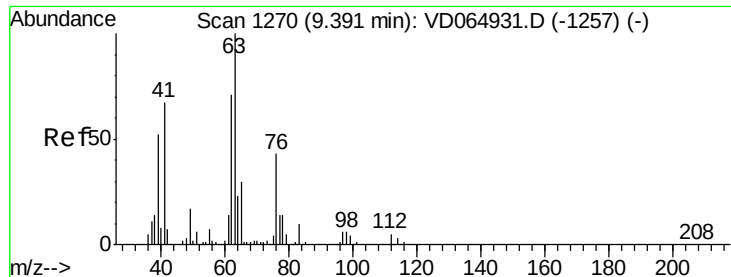
95 94.5 0.0 185.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

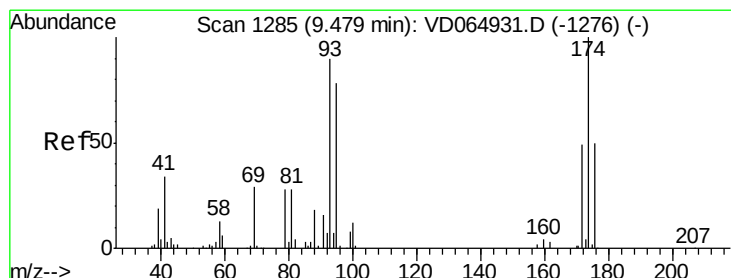
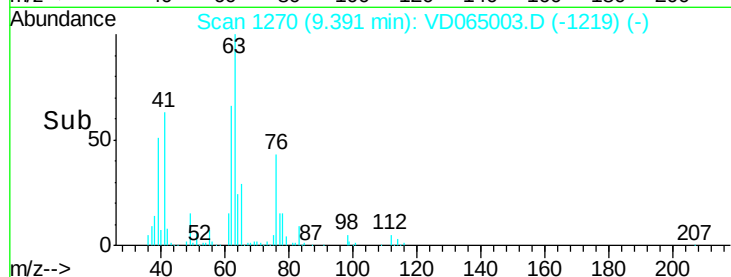
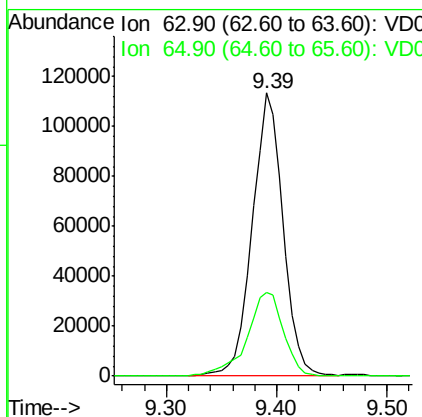
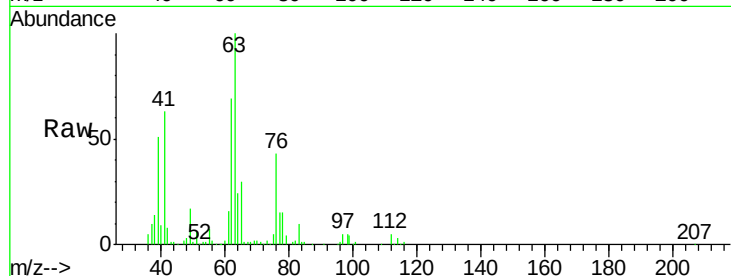




#45
 1,2-Dichloropropane
 Concen: 51.82 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

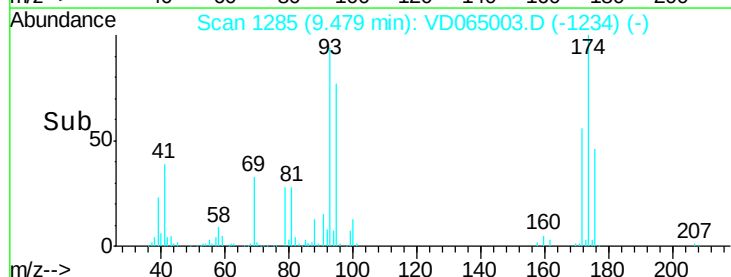
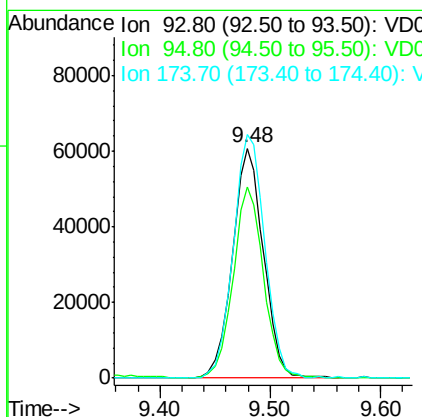
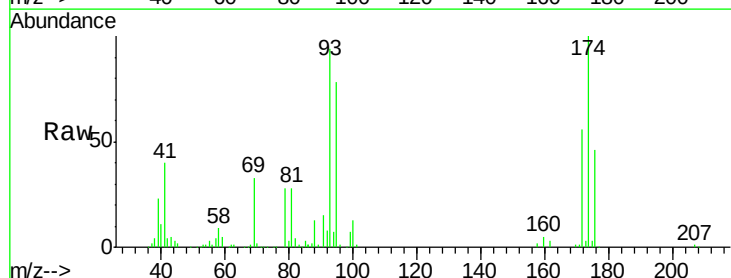
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

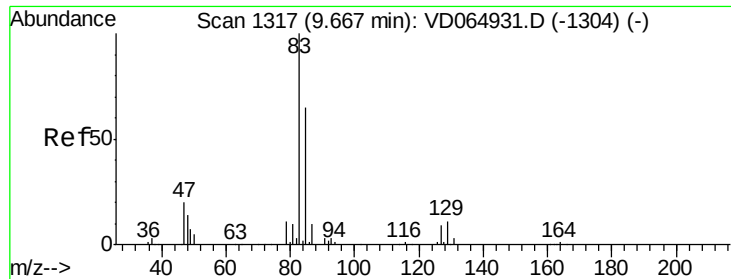
Tgt Ion: 63 Resp: 221875
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.3 36.5



#46
 Dibromomethane
 Concen: 51.24 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

Tgt Ion: 93 Resp: 119773
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.5 101.3
 174 107.9 88.4 132.6

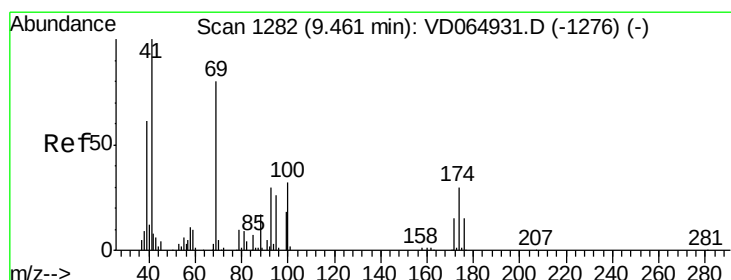
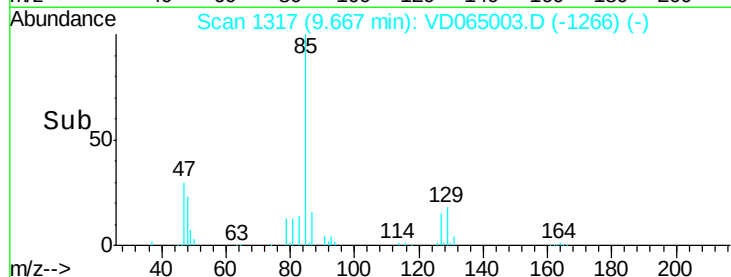
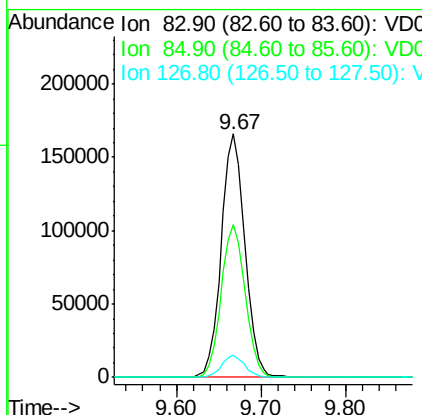
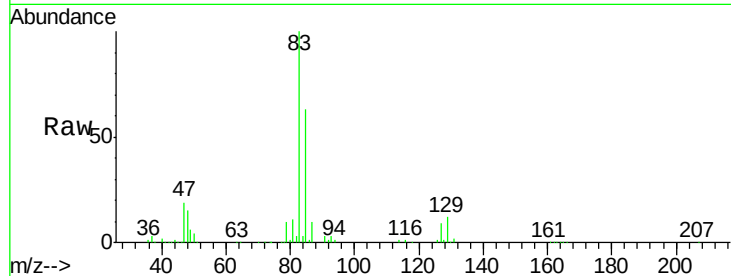




#47
 Bromodichloromethane
 Concen: 52.99 ug/l
 RT: 9.67 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

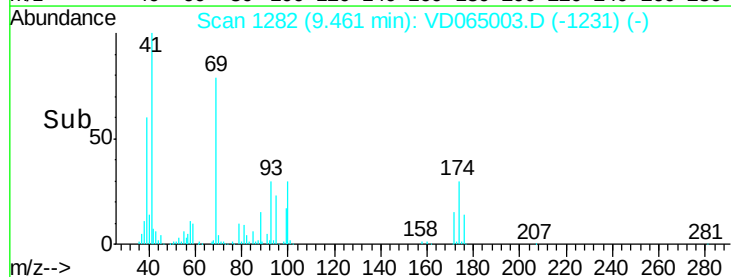
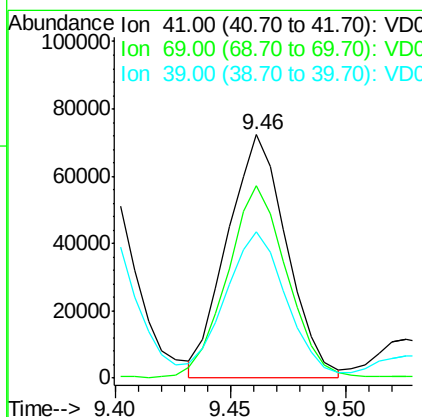
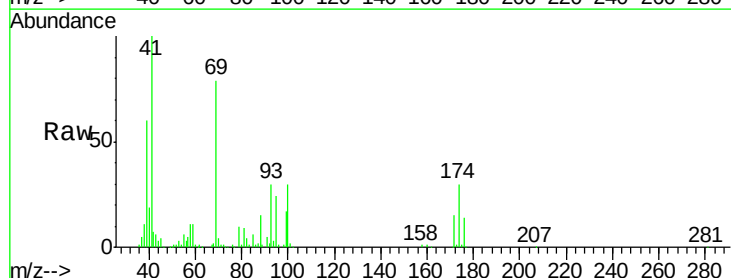
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

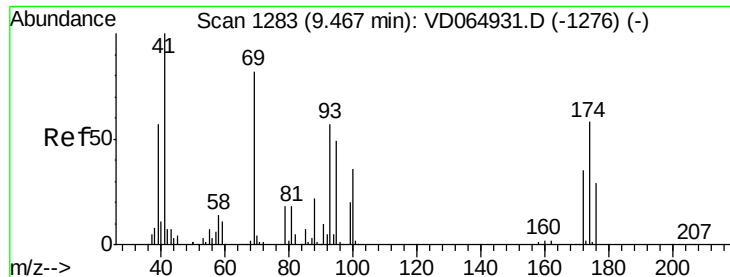
Tgt Ion: 83 Resp: 322356
 Ion Ratio Lower Upper
 83 100
 85 62.8 52.0 78.0
 127 9.3 7.3 10.9



#48
 Methyl methacrylate
 Concen: 55.73 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

Tgt Ion: 41 Resp: 129056
 Ion Ratio Lower Upper
 41 100
 69 79.2 65.8 98.8
 39 57.4 49.4 74.0





#49

1,4-Dioxane

Concen: 1006.99 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

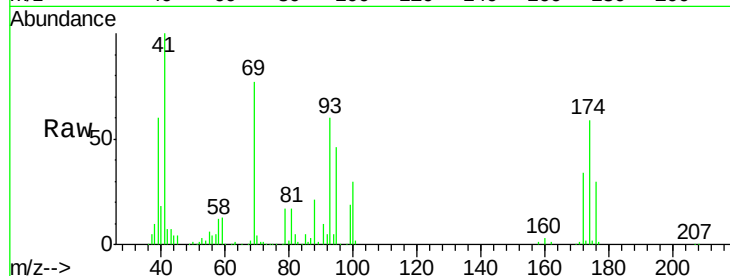
Tgt Ion: 88 Resp: 27302

Ion Ratio Lower Upper

88 100

43 36.1 26.2 39.4

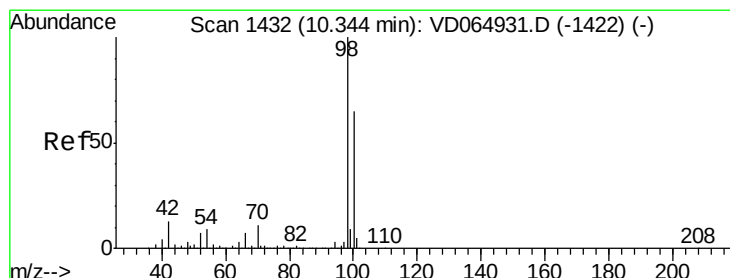
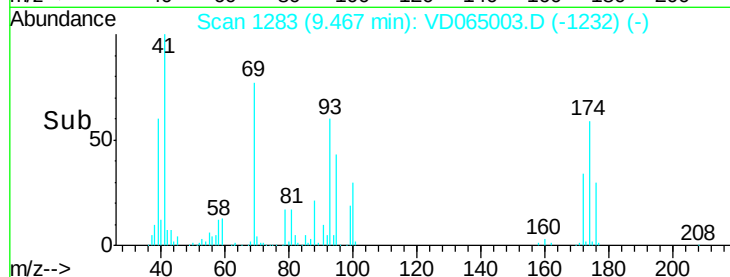
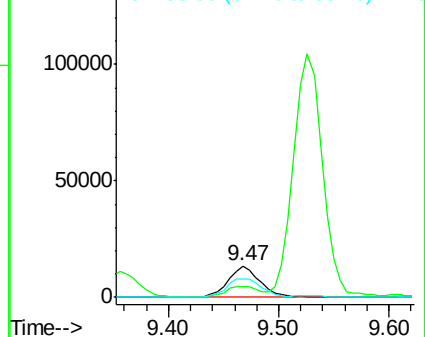
58 65.7 50.3 75.5



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: 55.36 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065003.D

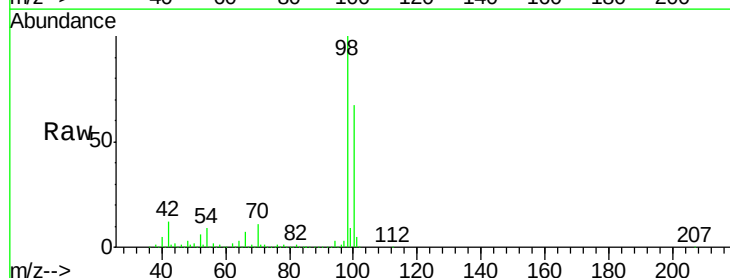
Acq: 30 Jan 2020 10:14

Tgt Ion: 98 Resp: 893026

Ion Ratio Lower Upper

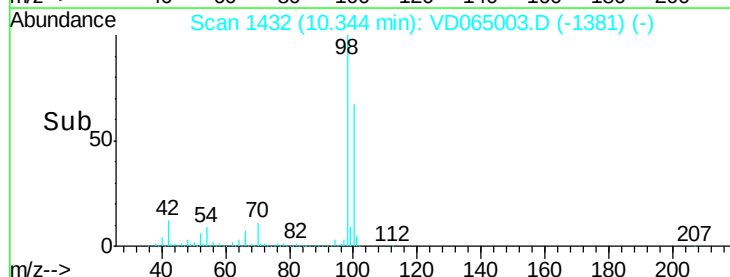
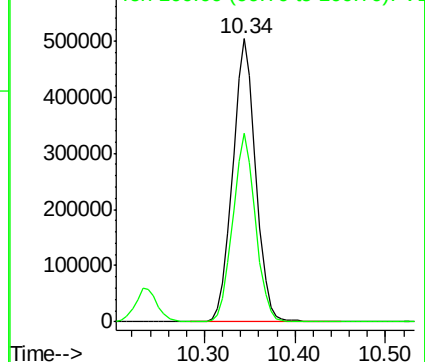
98 100

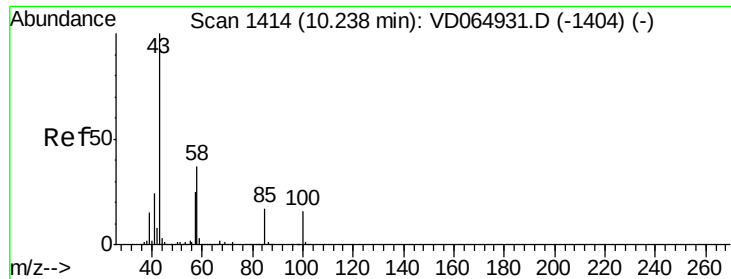
100 65.5 52.3 78.5



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: 258.76 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

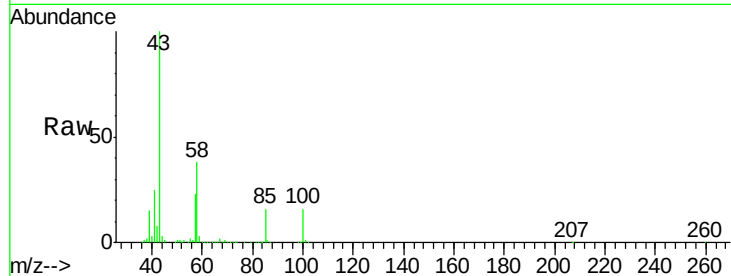
VSTDCCC050

Tgt Ion: 43 Resp: 651513

Ion Ratio Lower Upper

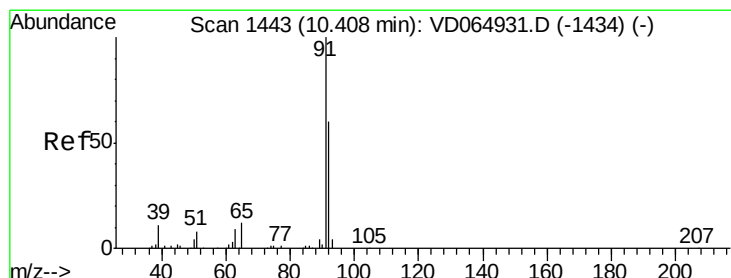
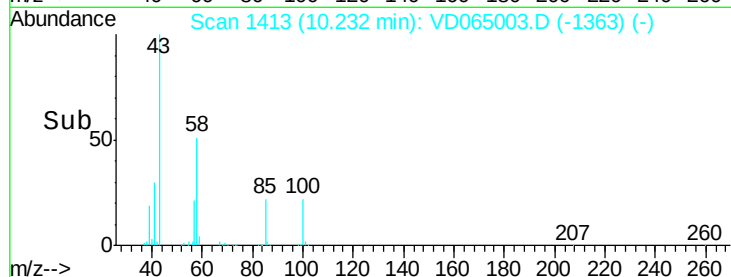
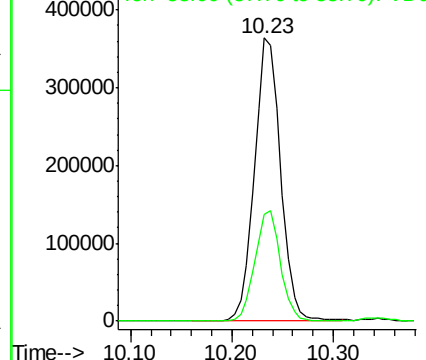
43 100

58 38.0 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 52.84 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065003.D

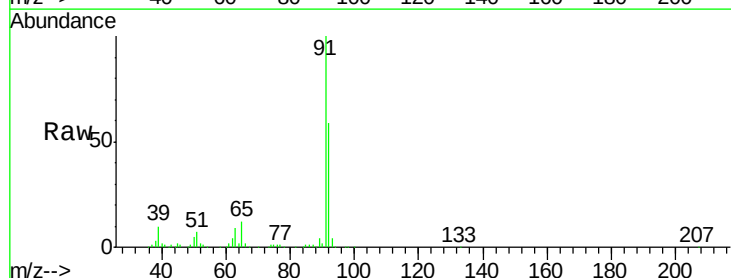
Acq: 30 Jan 2020 10:14

Tgt Ion: 92 Resp: 601742

Ion Ratio Lower Upper

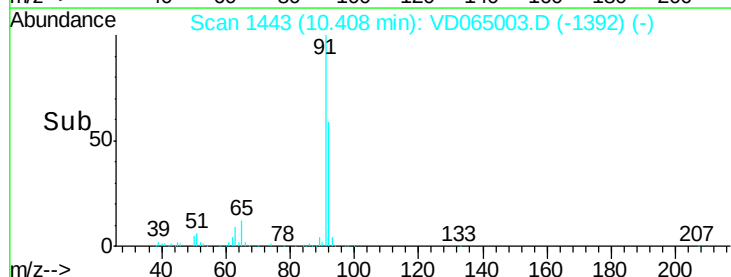
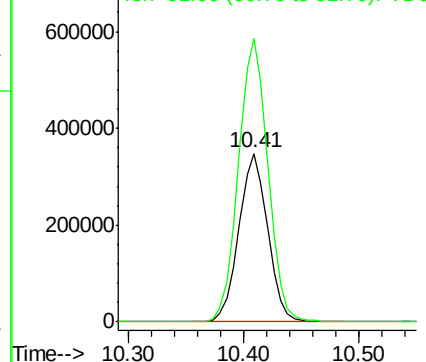
92 100

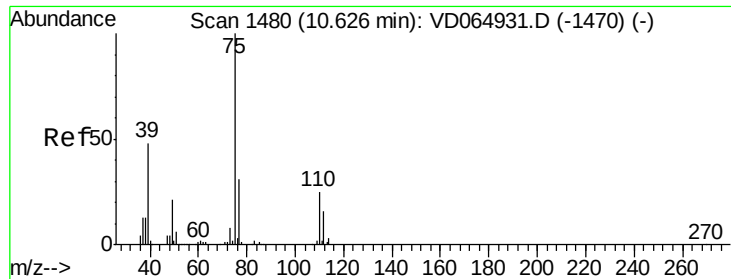
91 171.5 136.8 205.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 52.66 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

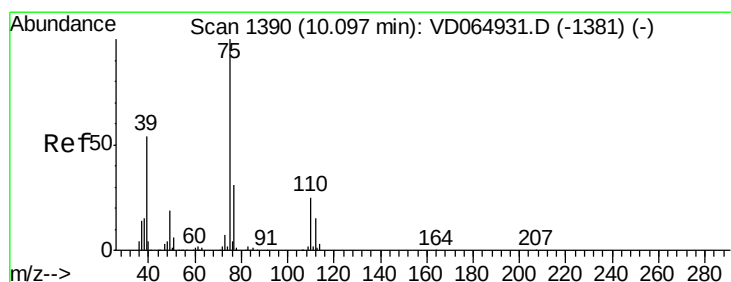
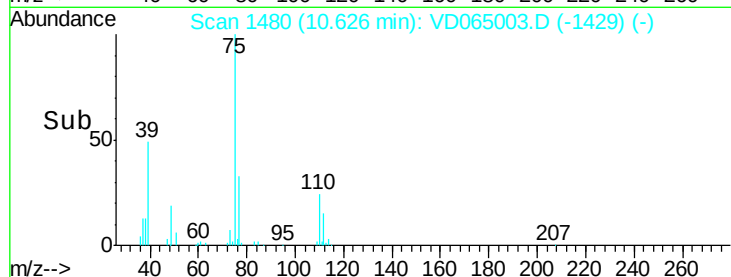
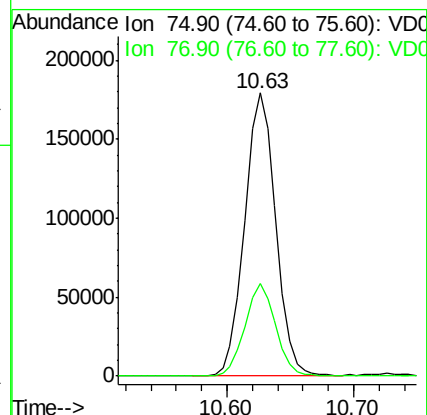
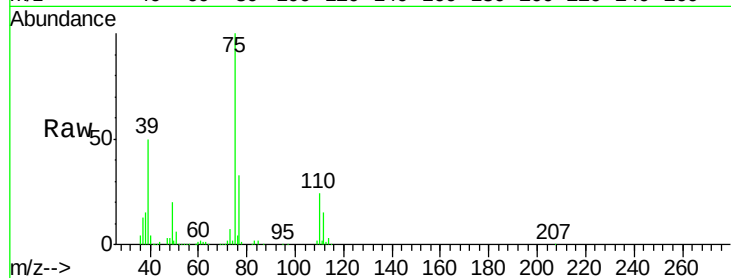
VSTDCCC050

Tgt Ion: 75 Resp: 305158

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 52.97 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

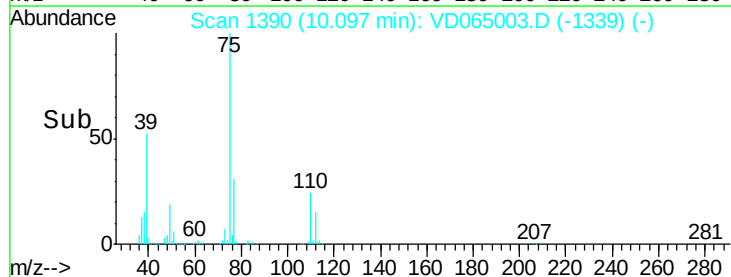
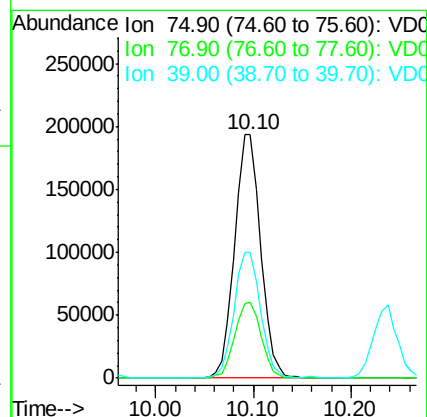
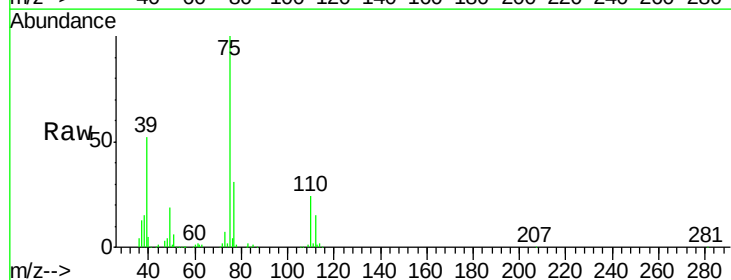
Tgt Ion: 75 Resp: 359356

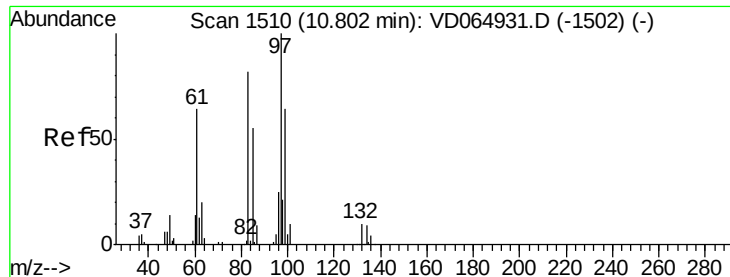
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 51.6 43.0 64.6

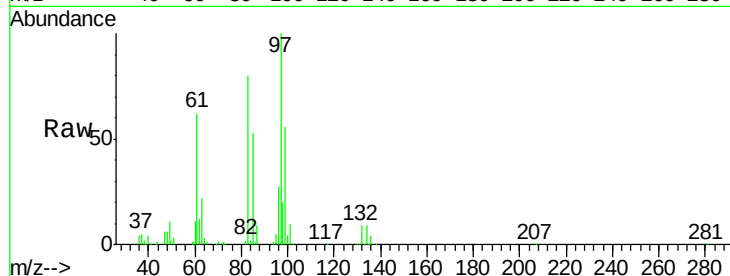




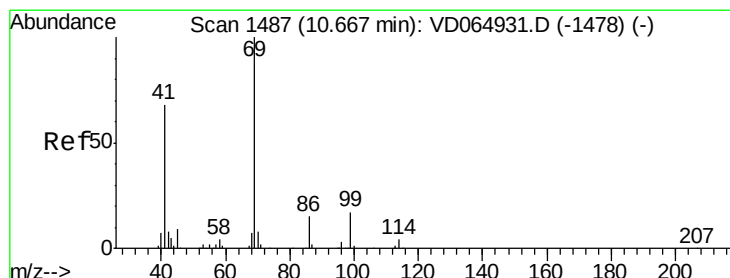
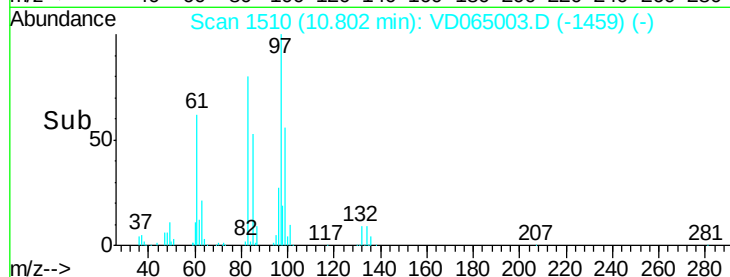
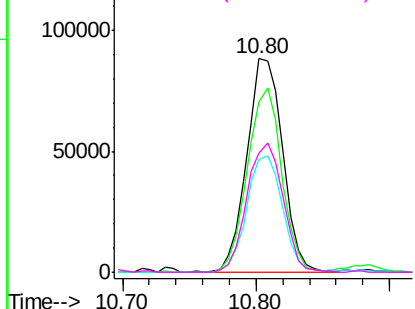
#55
 1,1,2-Trichloroethane
 Concen: 51.94 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	163560
Ion	Ratio	Lower	Upper
97	100		
83	79.9	66.0	99.0
85	52.7	44.4	66.6
99	55.4	51.4	77.0

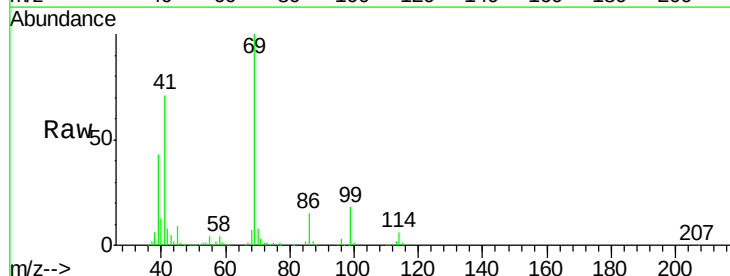


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

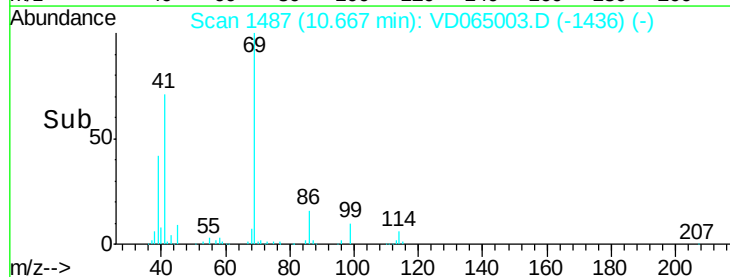
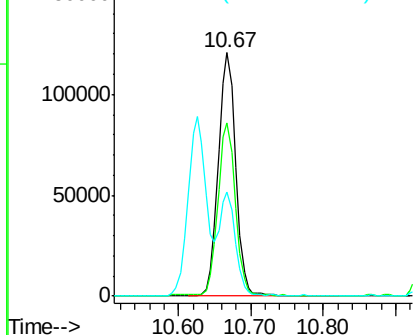


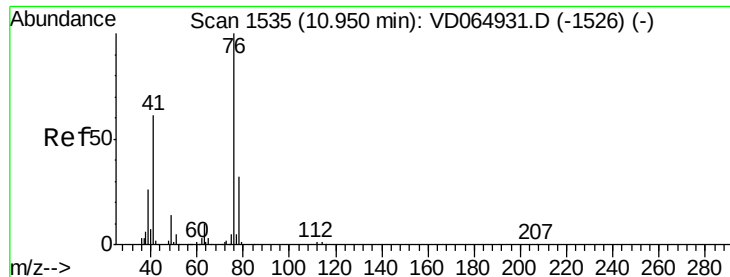
#56
 Ethyl methacrylate
 Concen: 53.71 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

Tgt Ion:	69	Resp:	202233
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.4	84.6
39	37.7	30.6	46.0



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: 51.44 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

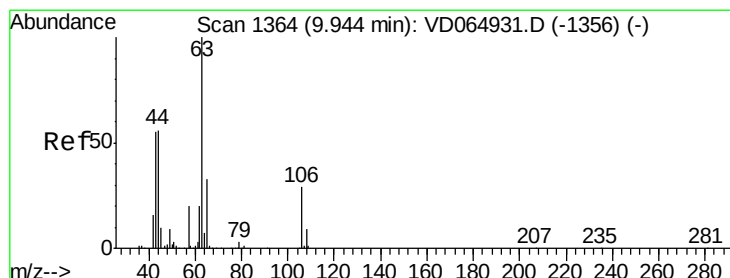
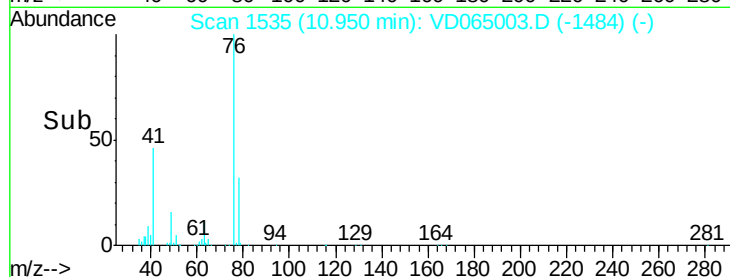
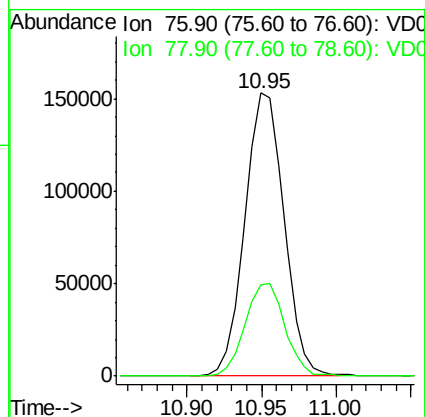
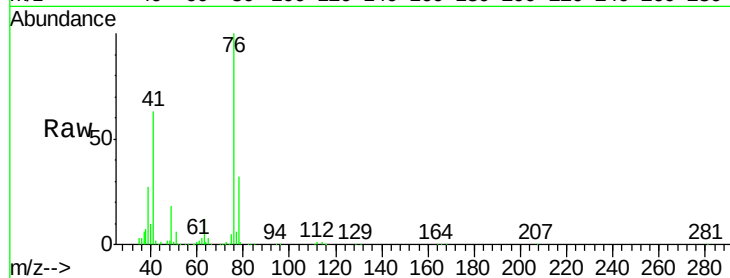
VSTDCCC050

Tgt Ion: 76 Resp: 277826

Ion Ratio Lower Upper

76 100

78 33.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 267.86 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065003.D

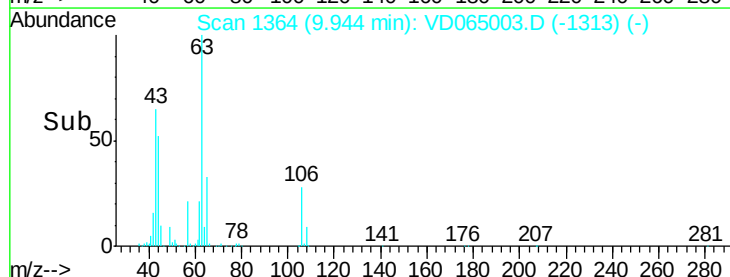
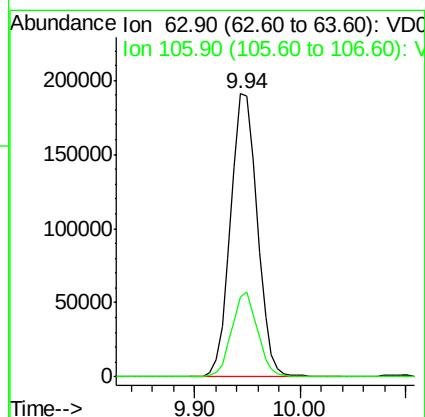
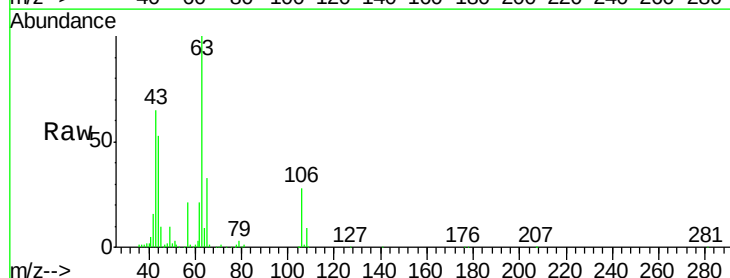
Acq: 30 Jan 2020 10:14

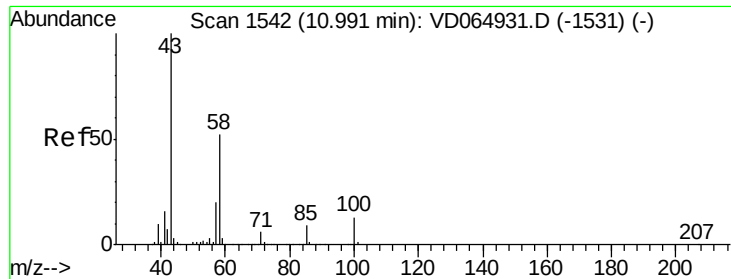
Tgt Ion: 63 Resp: 335099

Ion Ratio Lower Upper

63 100

106 28.9 23.0 34.4

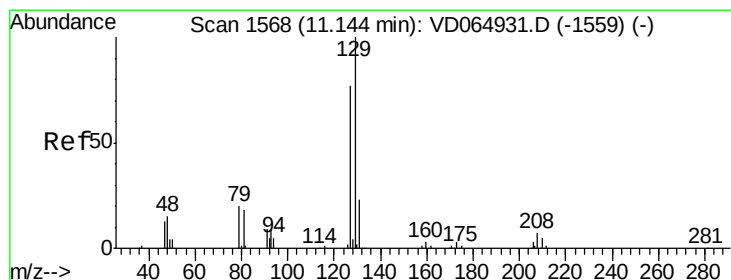
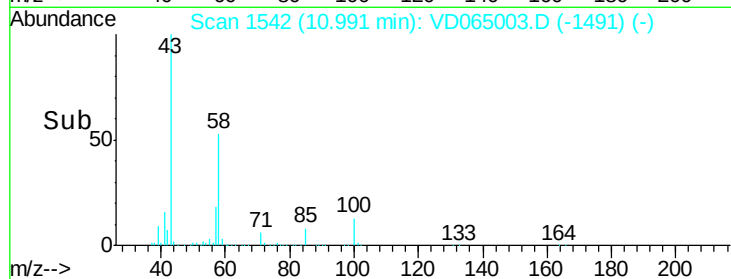
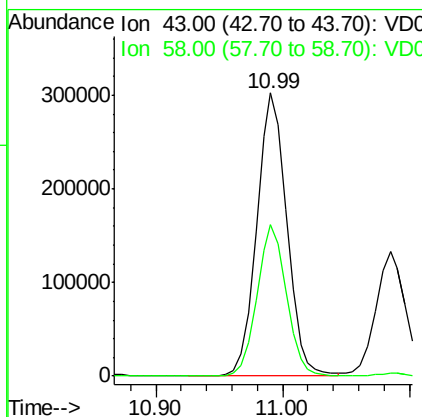
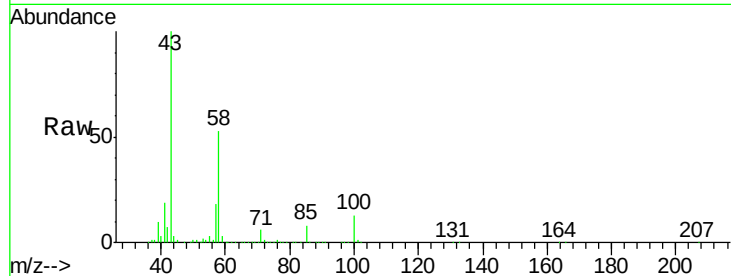




#59
2-Hexanone
Concen: 288.07 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

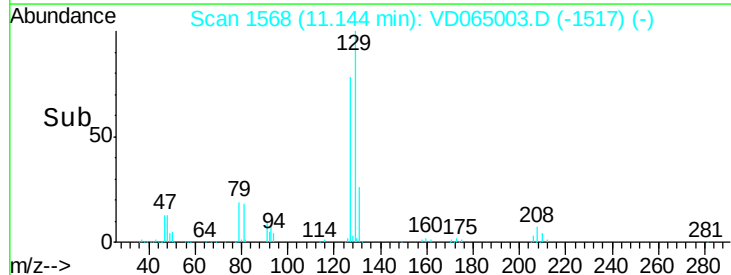
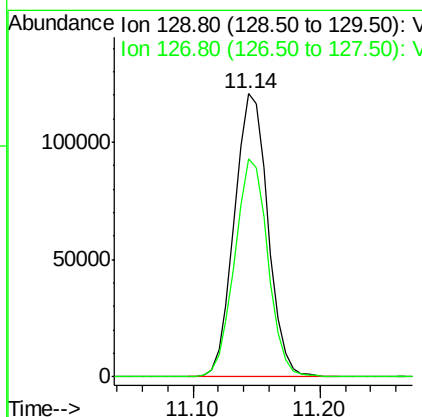
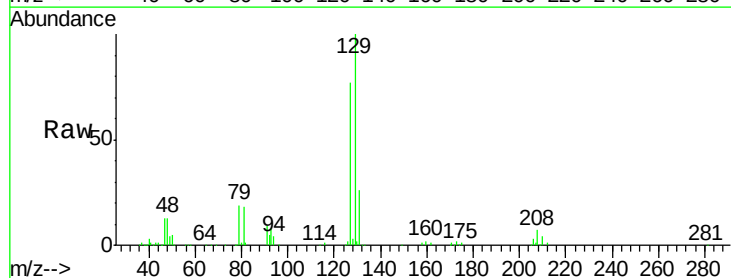
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

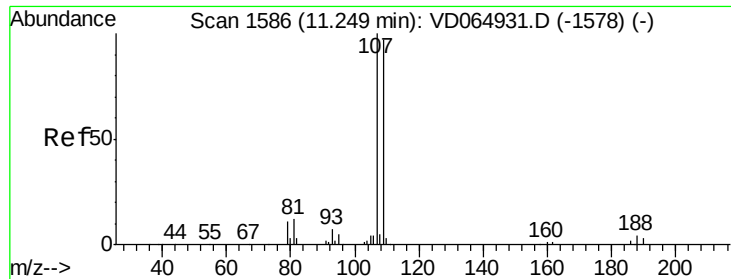
Tgt Ion: 43 Resp: 500292
Ion Ratio Lower Upper
43 100
58 52.1 26.5 79.4



#60
Dibromochloromethane
Concen: 52.68 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion: 129 Resp: 221709
Ion Ratio Lower Upper
129 100
127 76.3 38.2 114.6

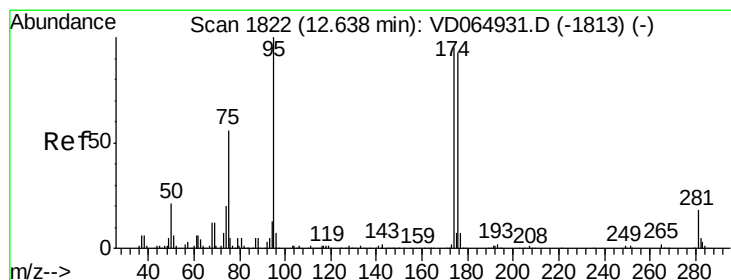
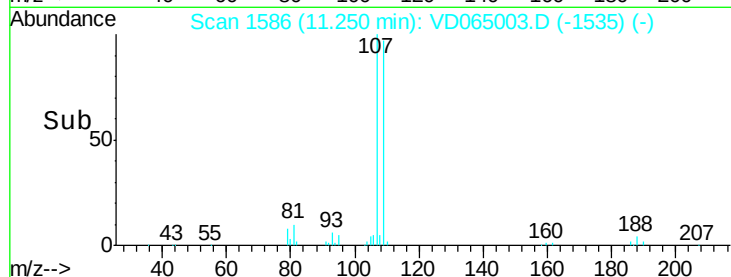
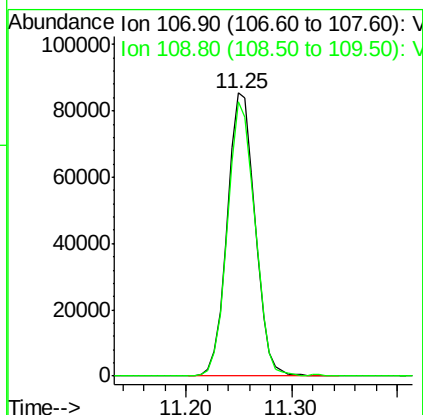
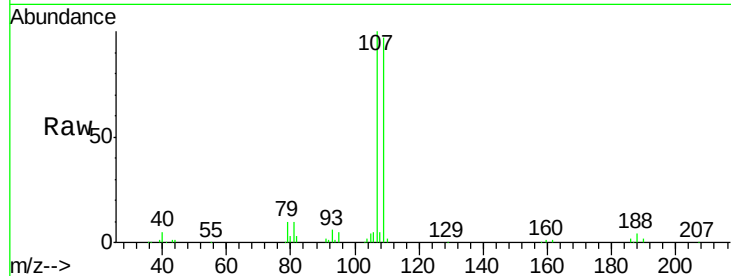




#61
 1,2-Dibromoethane
 Concen: 50.97 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

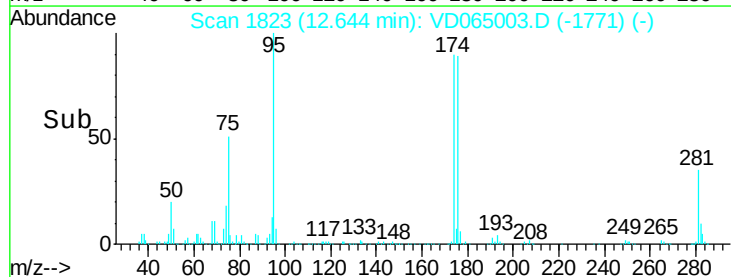
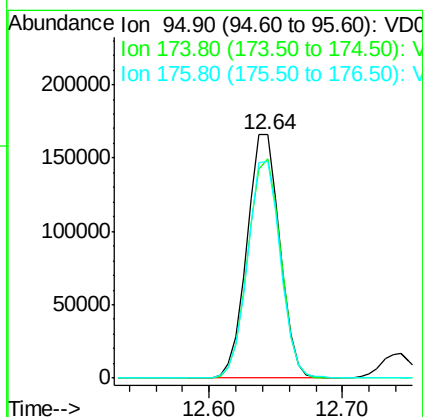
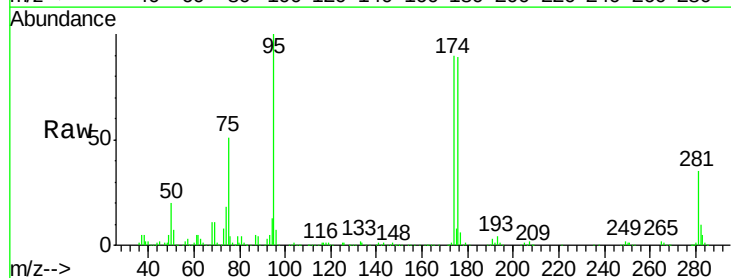
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

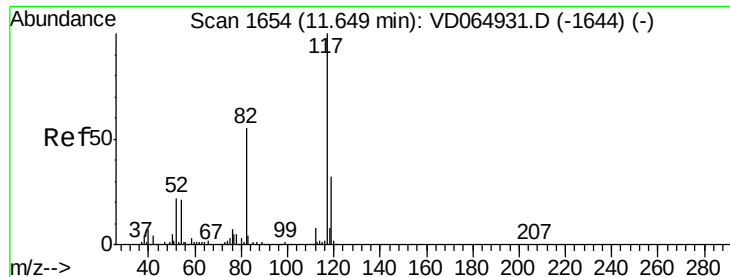
Tgt Ion: 107 Resp: 154530
 Ion Ratio Lower Upper
 107 100
 109 95.7 77.1 115.7



#62
 4-Bromofluorobenzene
 Concen: 56.99 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

Tgt Ion: 95 Resp: 281330
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 186.8
 176 88.8 0.0 183.4

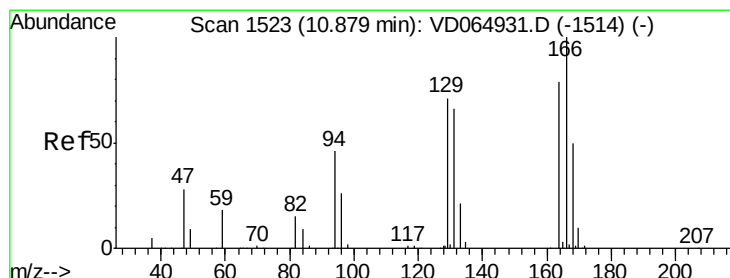
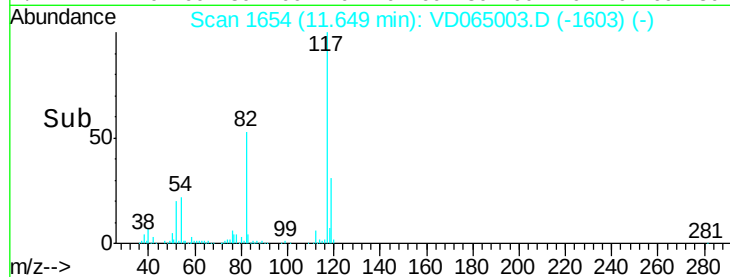
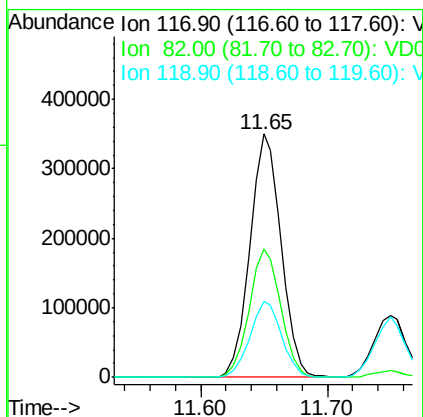
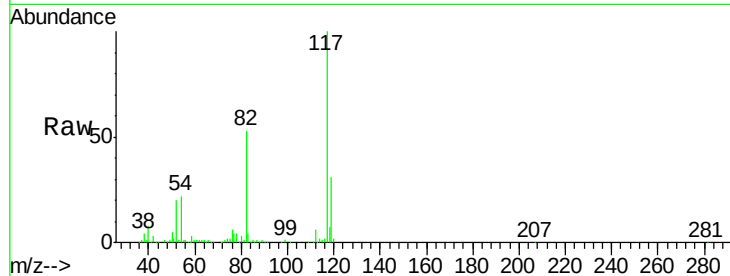




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

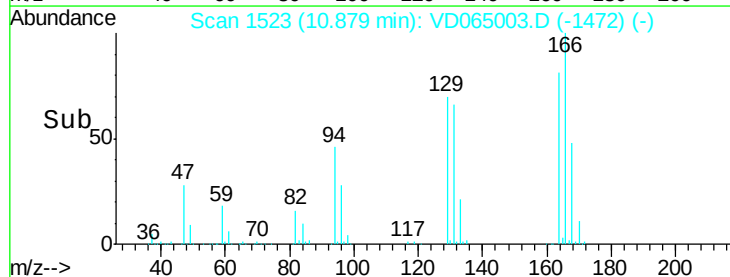
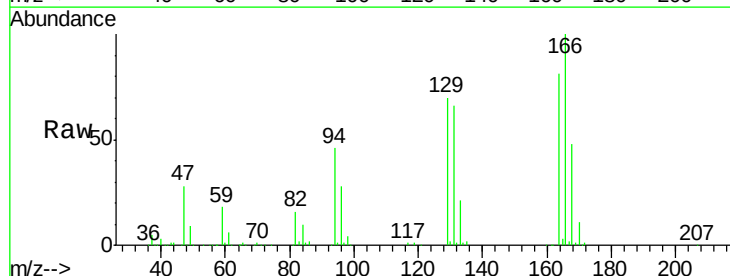
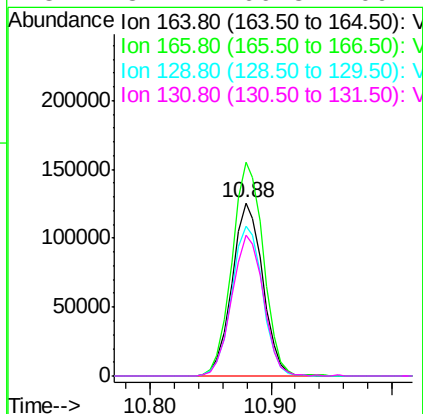
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

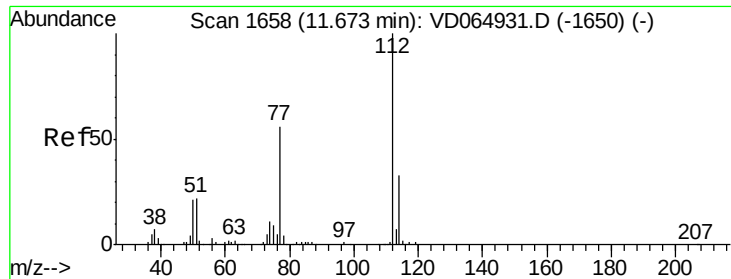
Tgt Ion:117 Resp: 598546
Ion Ratio Lower Upper
117 100
82 52.8 43.6 65.4
119 31.3 25.2 37.8



#64
Tetrachloroethene
Concen: 51.65 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion:164 Resp: 223421
Ion Ratio Lower Upper
164 100
166 123.5 101.4 152.2
129 86.8 71.8 107.8
131 81.4 66.8 100.2

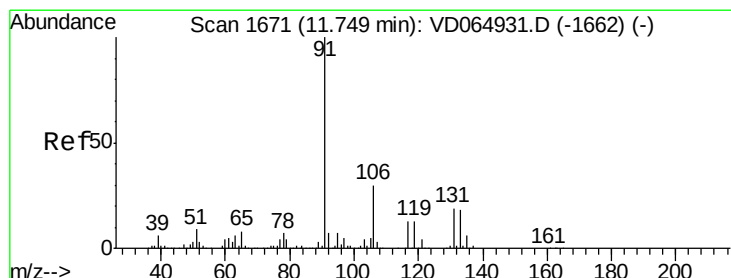
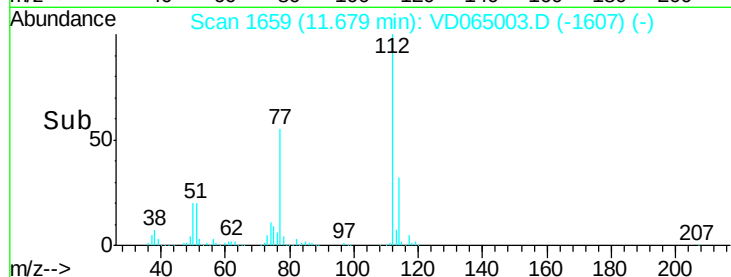
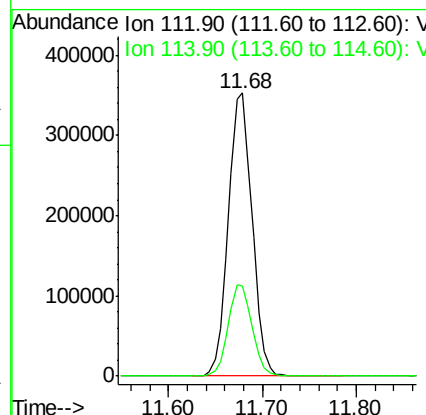
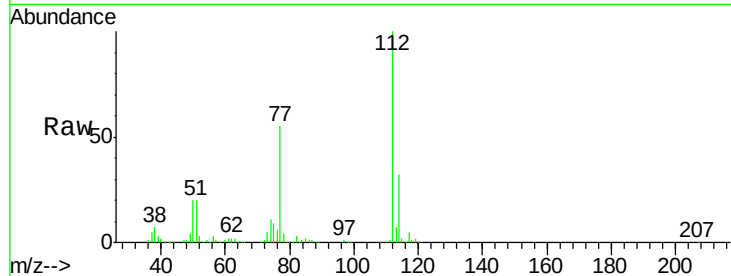




#65
Chlorobenzene
Concen: 51.08 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

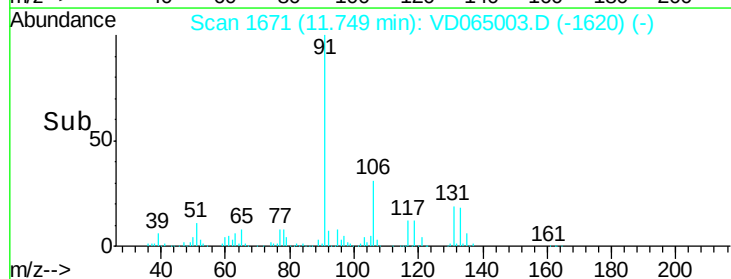
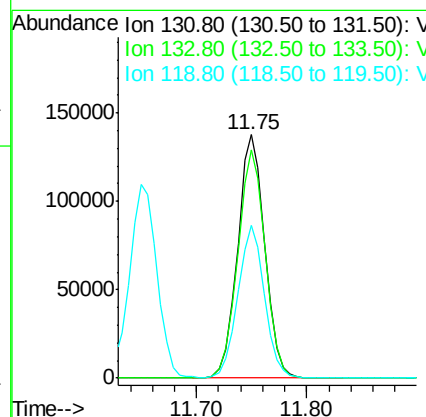
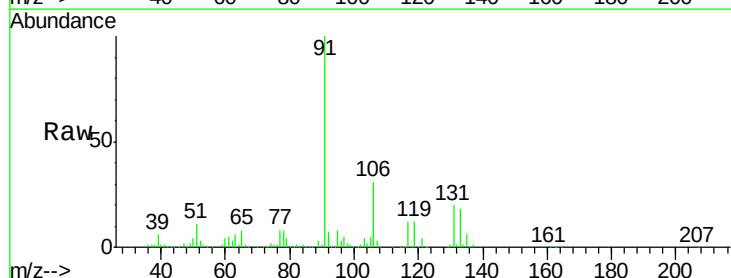
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

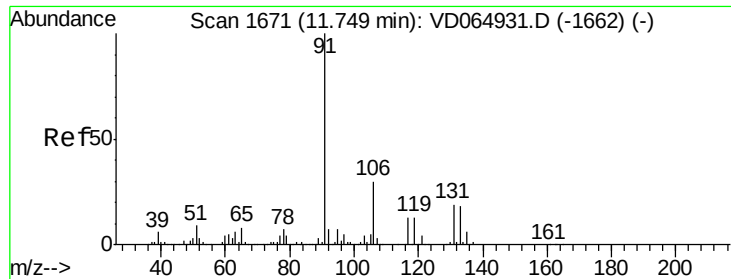
Tgt Ion:112 Resp: 620787
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.88 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion:131 Resp: 237098
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 62.0 31.1 93.5





#67

Ethyl Benzene

Concen: 52.60 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

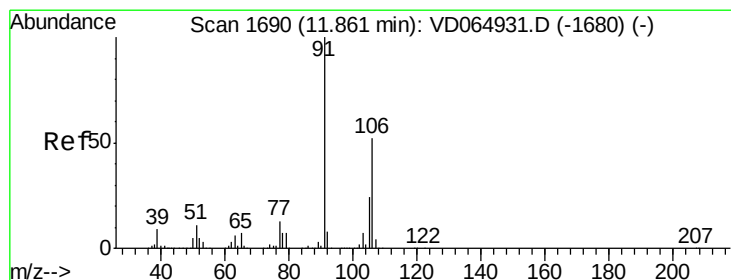
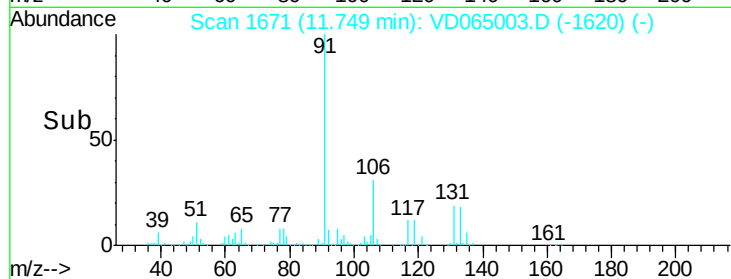
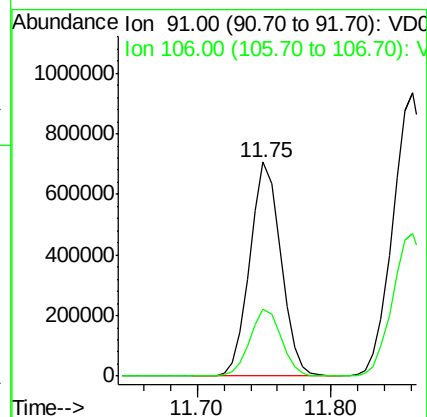
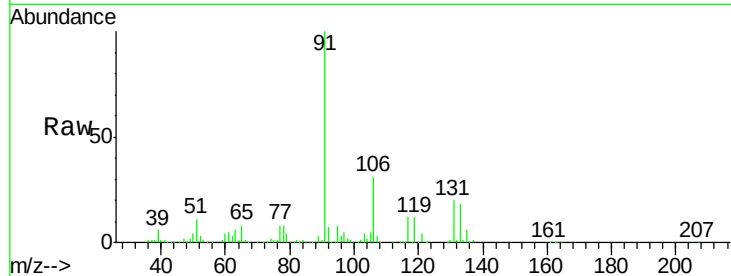
VSTDCCC050

Tgt Ion: 91 Resp: 1134758

Ion Ratio Lower Upper

91 100

106 31.5 24.3 36.5



#68

m/p-Xylenes

Concen: 107.25 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065003.D

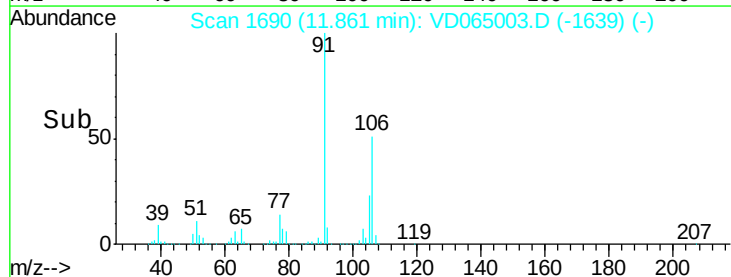
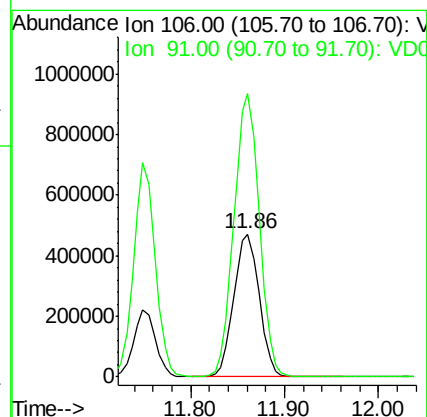
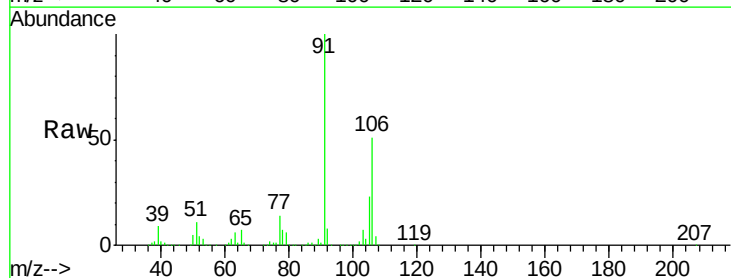
Acq: 30 Jan 2020 10:14

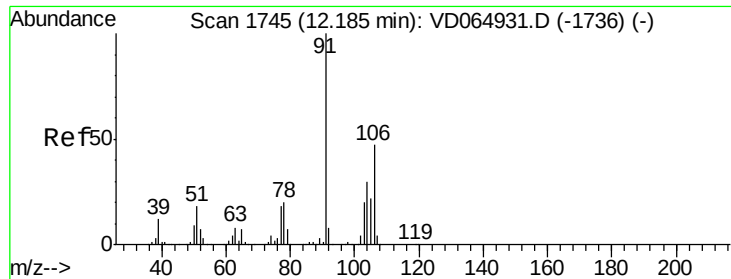
Tgt Ion: 106 Resp: 890891

Ion Ratio Lower Upper

106 100

91 196.6 159.0 238.4

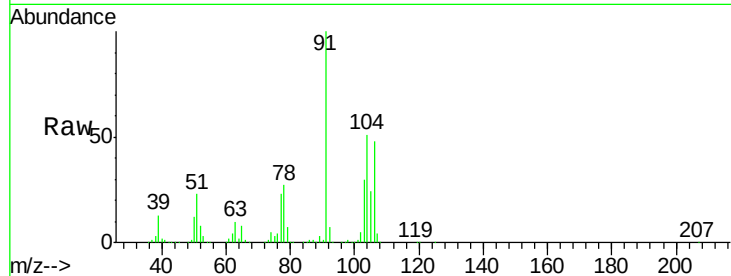




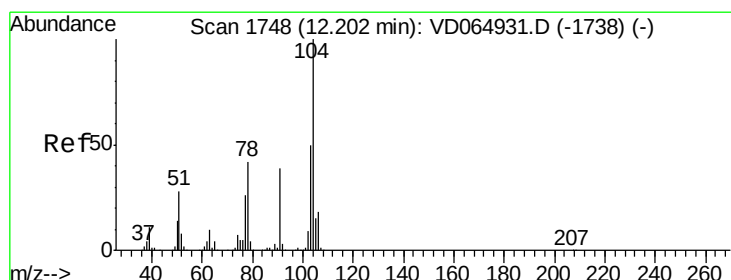
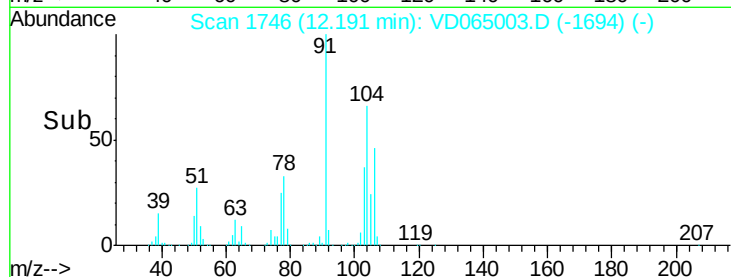
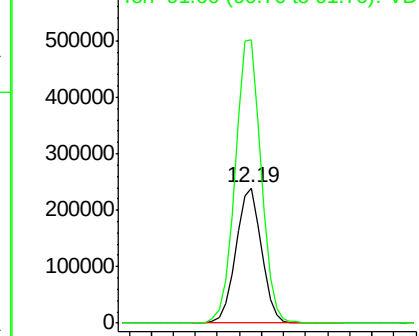
#69
o-Xylene
Concen: 52.92 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 390118
Ion Ratio Lower Upper
106 100
91 212.1 106.7 319.9

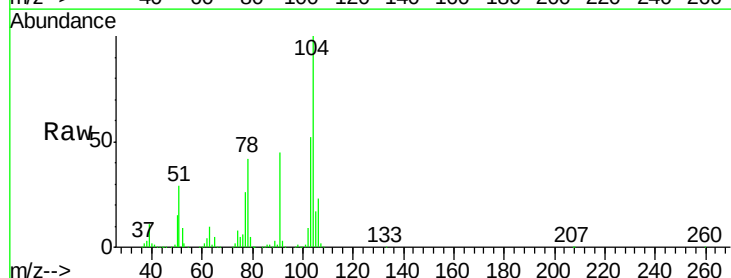


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

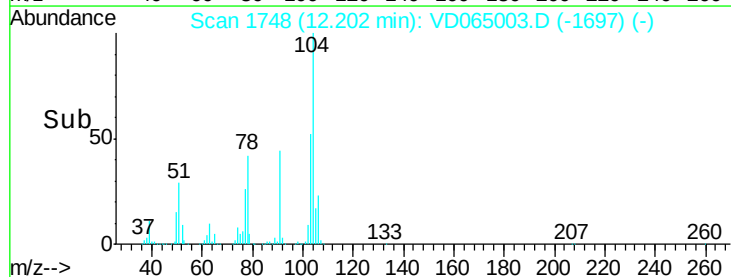
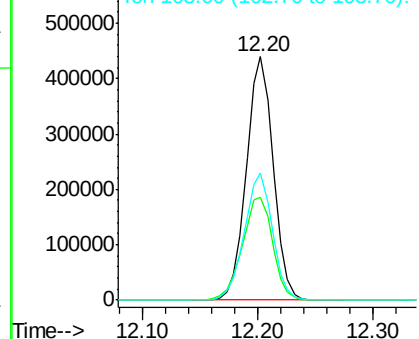


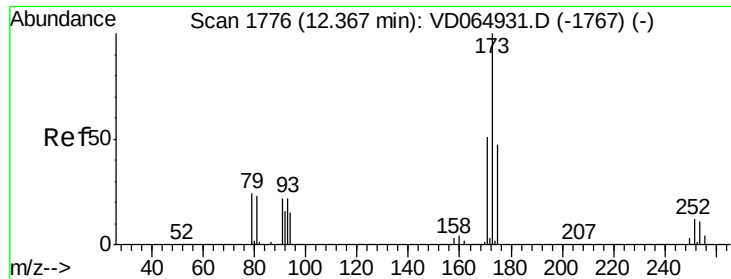
#70
Styrene
Concen: 54.02 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion:104 Resp: 709392
Ion Ratio Lower Upper
104 100
78 47.6 38.3 57.5
103 54.8 43.5 65.3



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

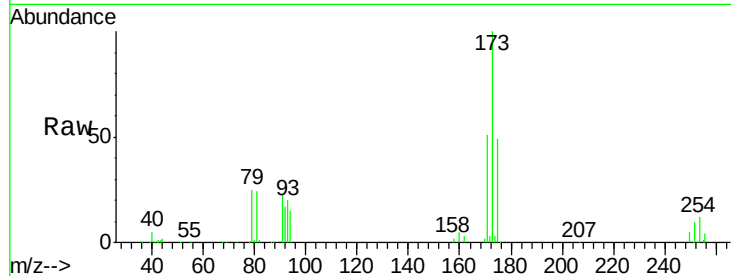




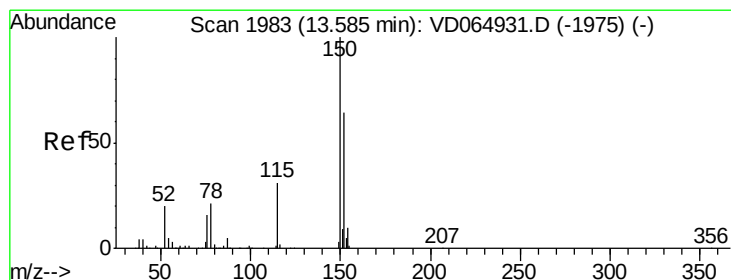
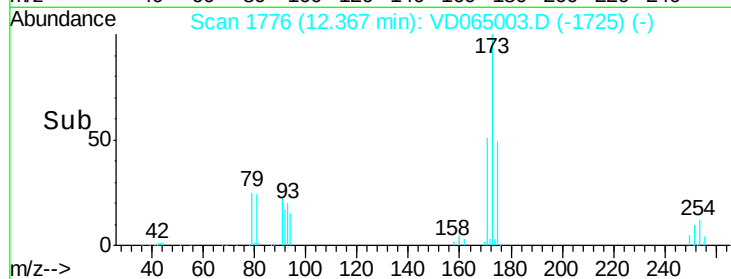
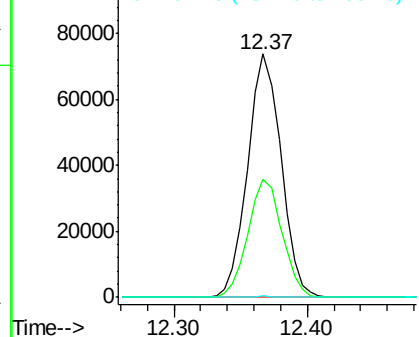
#71
Bromoform
Concen: 50.31 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 127811
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.2 0.1 0.1#

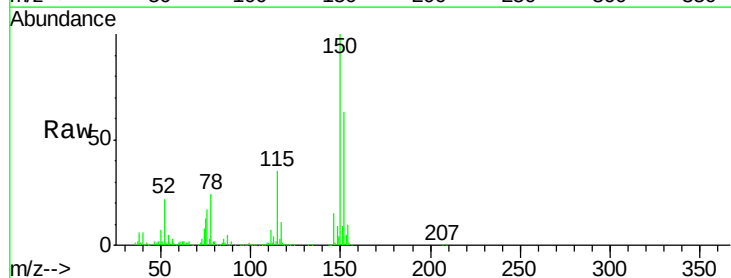


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

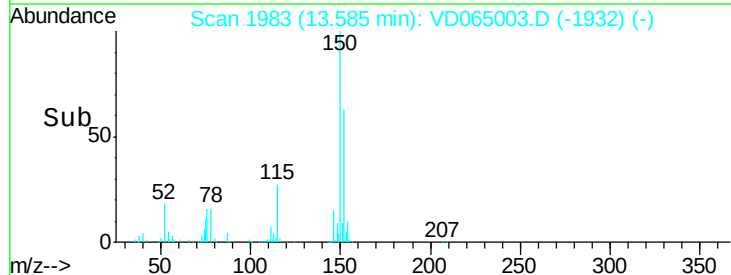
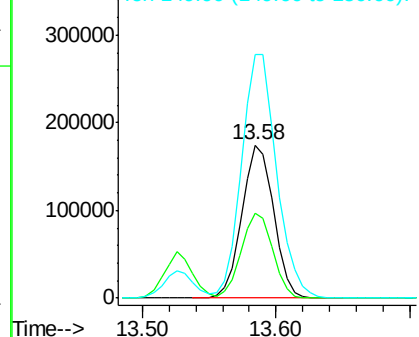


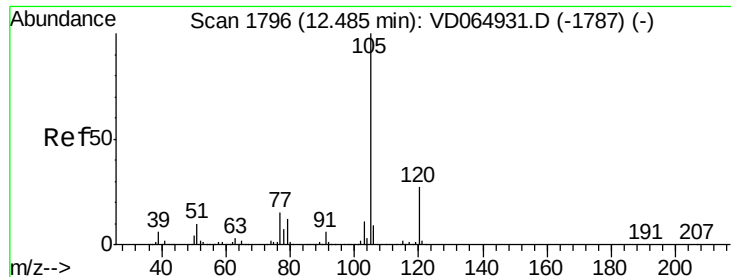
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion:152 Resp: 285476
Ion Ratio Lower Upper
152 100
115 55.2 28.1 84.4
150 176.2 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.98 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

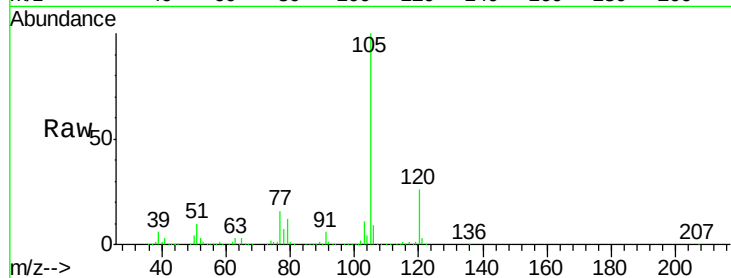
VSTDCCC050

Tgt Ion:105 Resp: 1072675

Ion Ratio Lower Upper

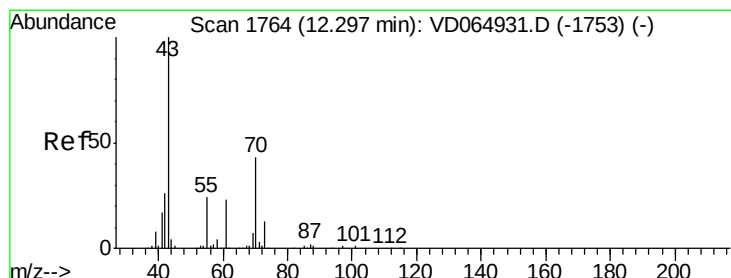
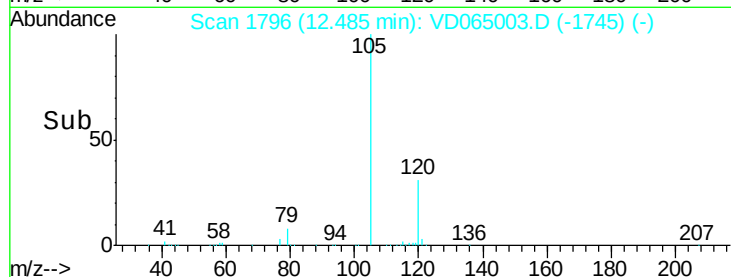
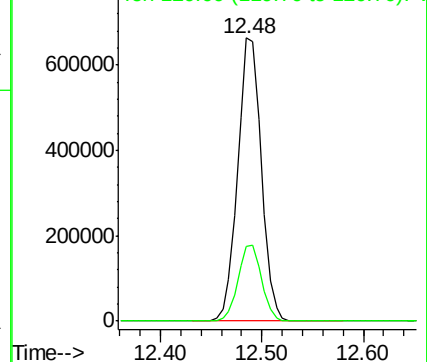
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.78 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Tgt Ion: 43 Resp: 230435

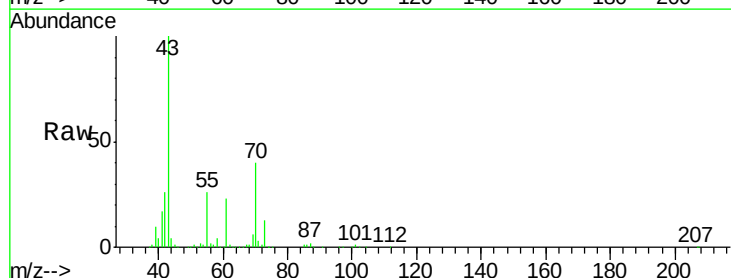
Ion Ratio Lower Upper

43 100

70 40.9 32.6 49.0

55 25.7 19.9 29.9

61 23.3 18.3 27.5

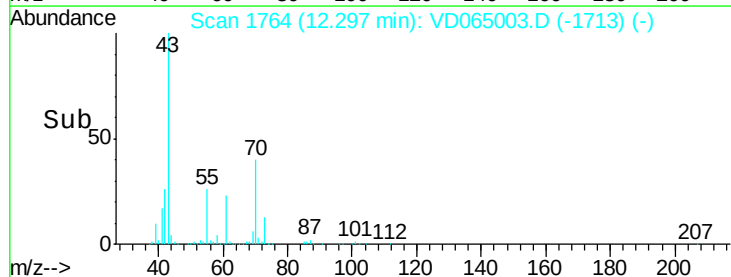
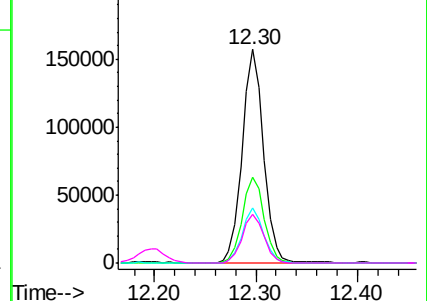


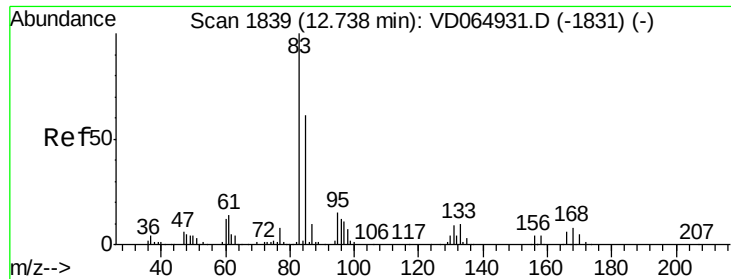
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.36 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

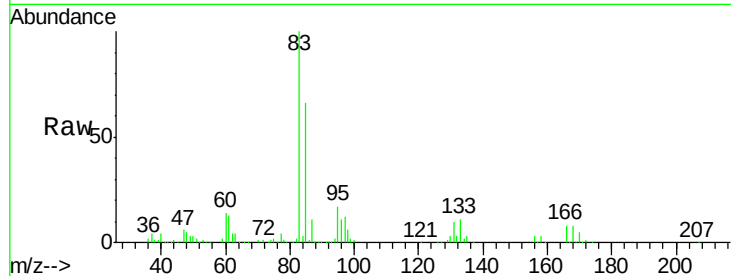
Tgt Ion: 83 Resp: 165163

Ion Ratio Lower Upper

83 100

131 11.8 5.5 16.4

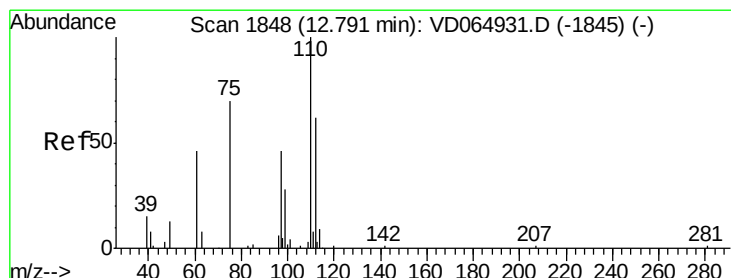
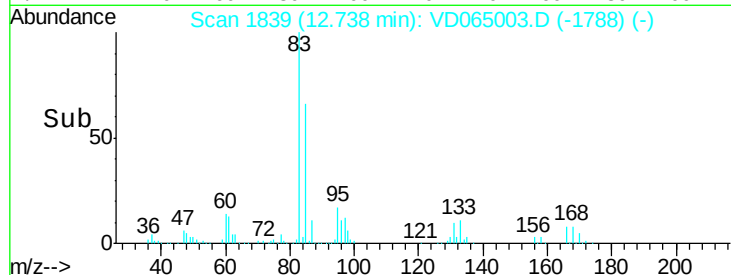
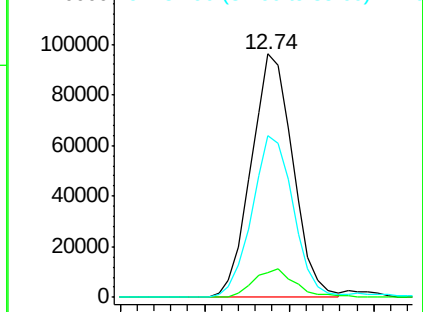
85 66.2 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 96.73 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065003.D

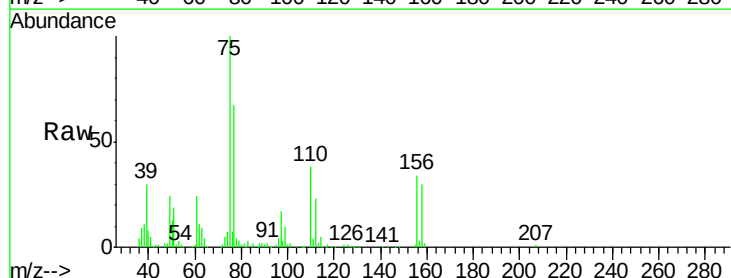
Acq: 30 Jan 2020 10:14

Tgt Ion: 75 Resp: 229209

Ion Ratio Lower Upper

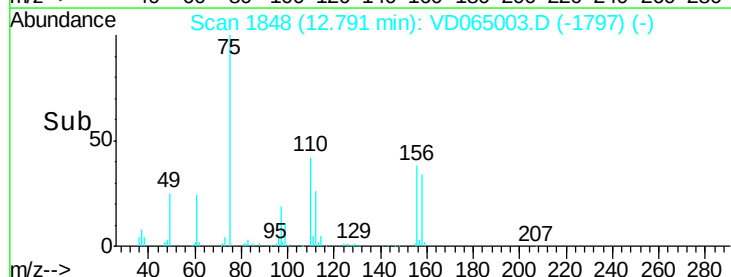
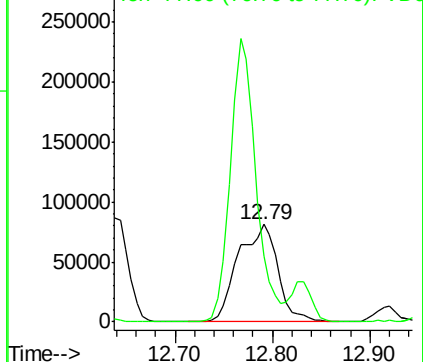
75 100

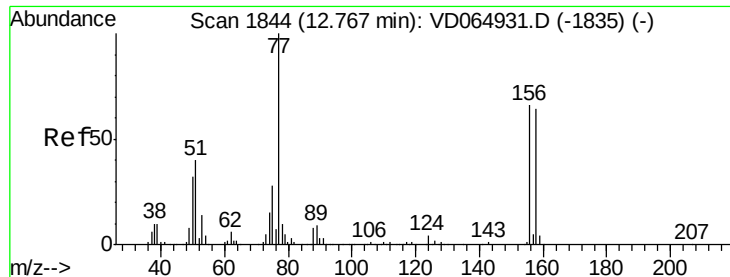
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 53.42 ug/l

RT: 12.77 min Scan# 1845

Delta R.T. 0.01 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

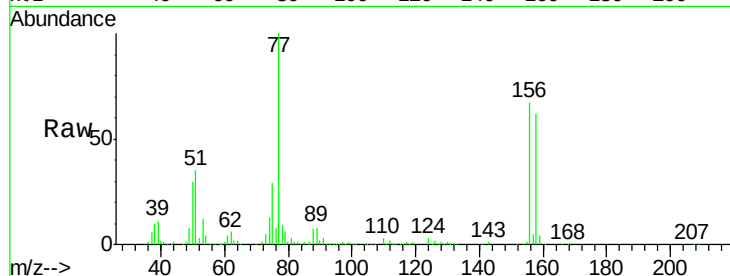
Tgt Ion:156 Resp: 255055

Ion Ratio Lower Upper

156 100

77 168.4 84.2 252.5

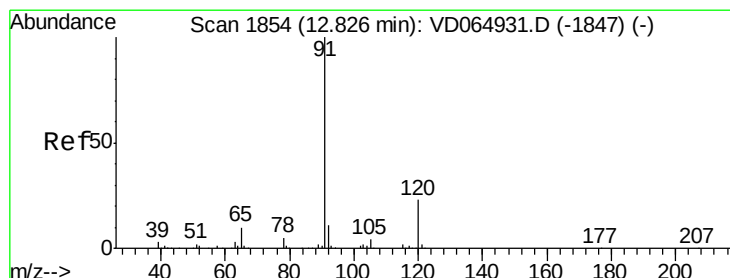
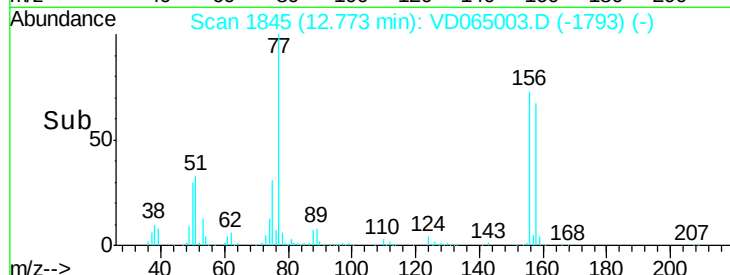
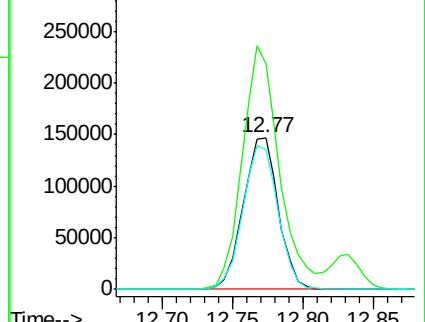
158 95.2 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.98 ug/l

RT: 12.83 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VD065003.D

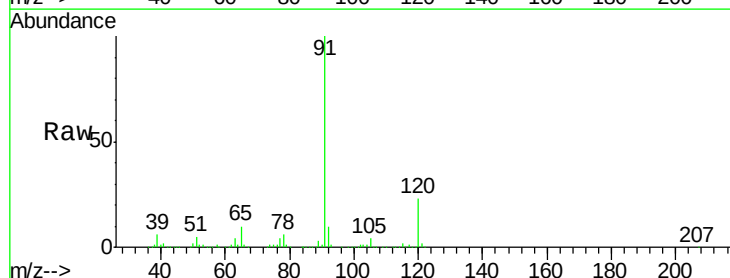
Acq: 30 Jan 2020 10:14

Tgt Ion: 91 Resp: 1275752

Ion Ratio Lower Upper

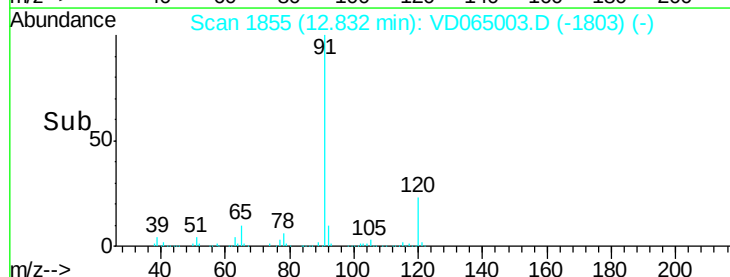
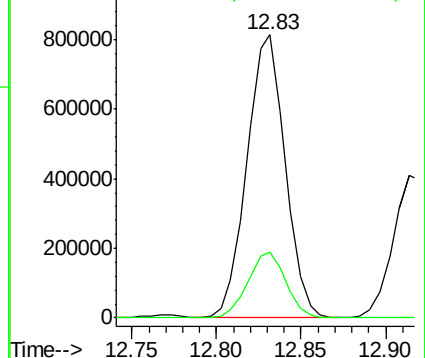
91 100

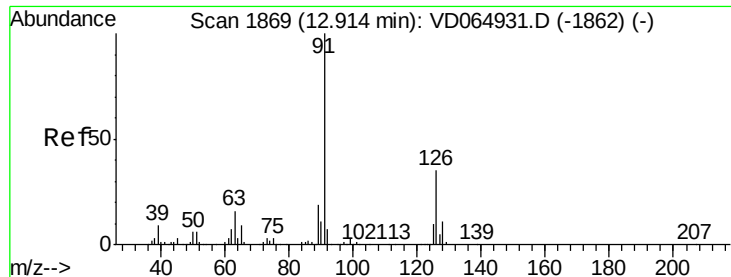
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.38 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

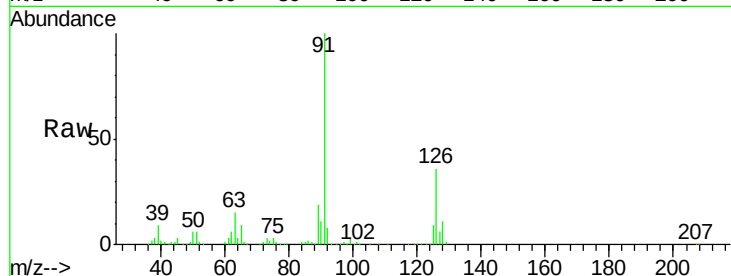
VSTDCCC050

Tgt Ion: 91 Resp: 692269

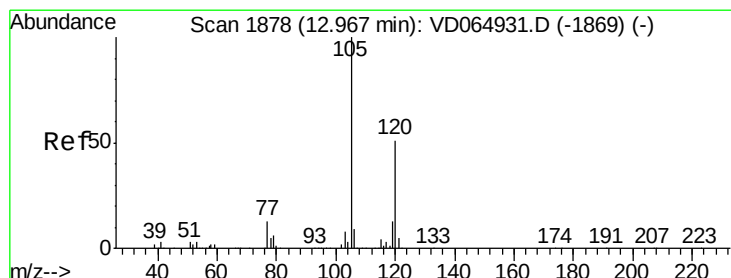
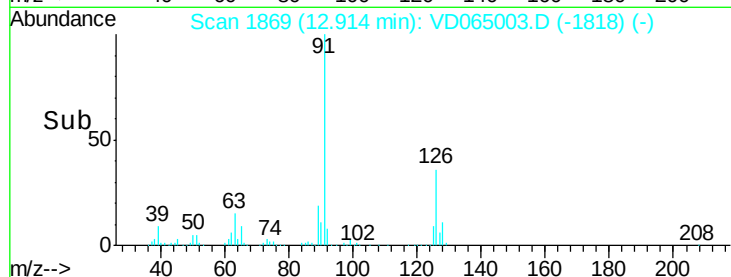
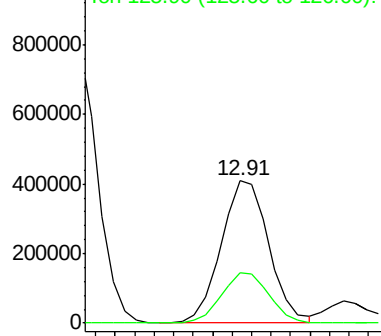
Ion Ratio Lower Upper

91 100

126 35.3 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 55.48 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065003.D

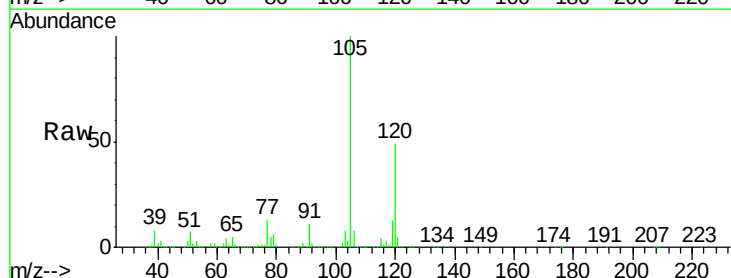
Acq: 30 Jan 2020 10:14

Tgt Ion: 105 Resp: 887143

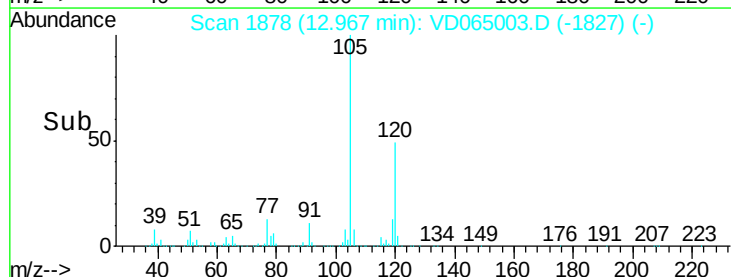
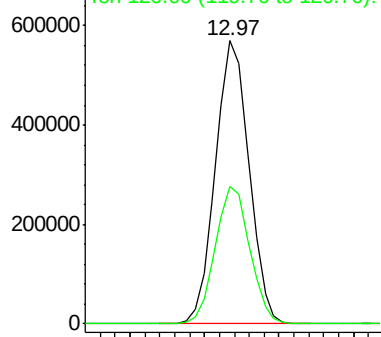
Ion Ratio Lower Upper

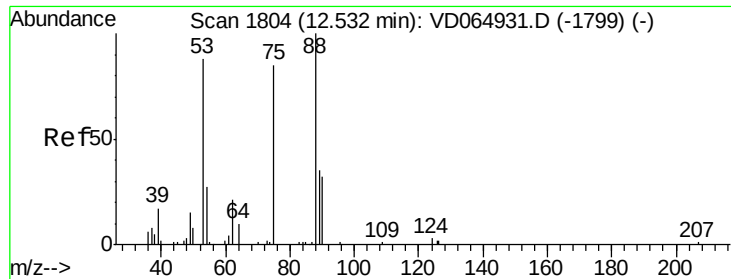
105 100

120 49.7 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.52 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

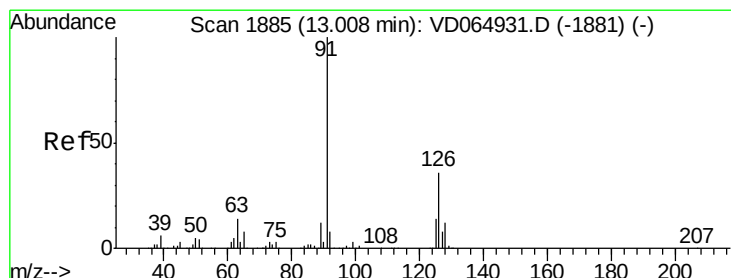
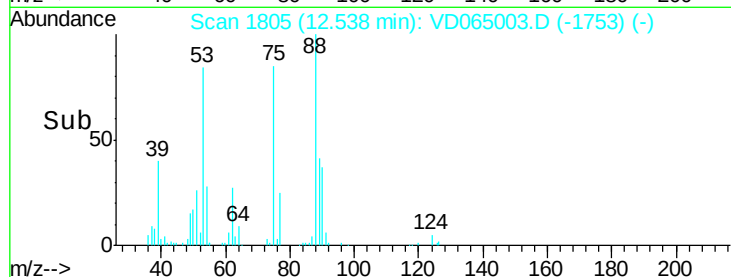
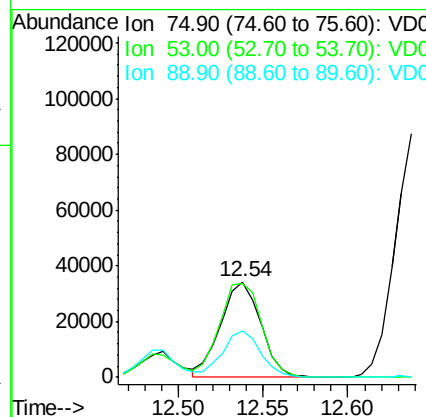
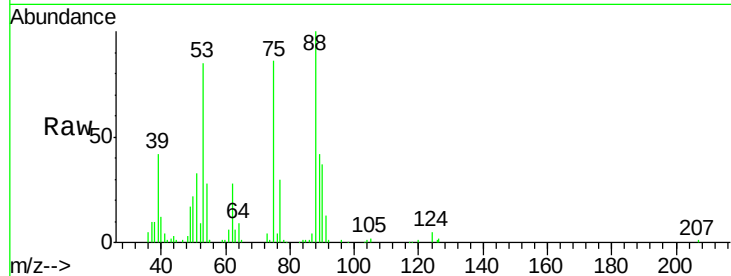
Tgt Ion: 75 Resp: 56065

Ion Ratio Lower Upper

75 100

53 105.3 81.0 121.4

89 47.2 36.2 54.4



#82

4-Chlorotoluene

Concen: 53.76 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD065003.D

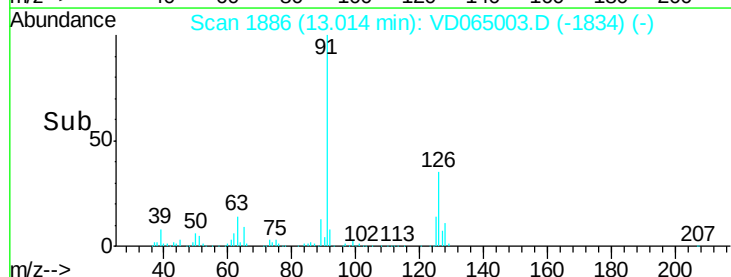
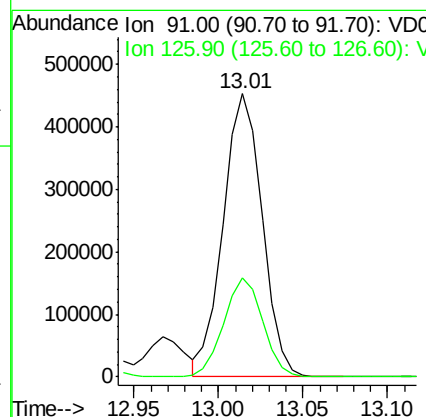
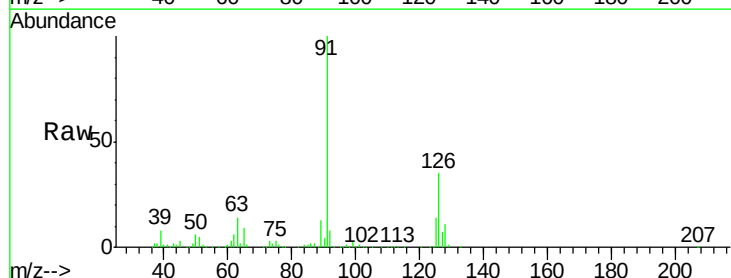
Acq: 30 Jan 2020 10:14

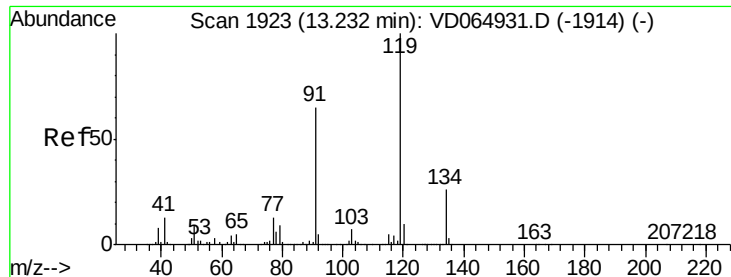
Tgt Ion: 91 Resp: 725764

Ion Ratio Lower Upper

91 100

126 35.3 18.0 54.0

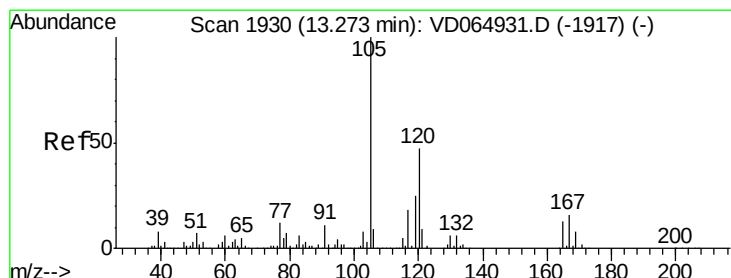
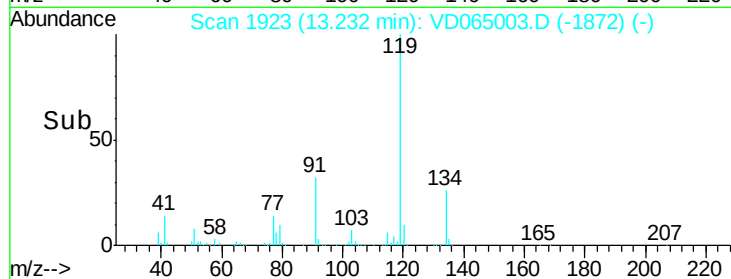
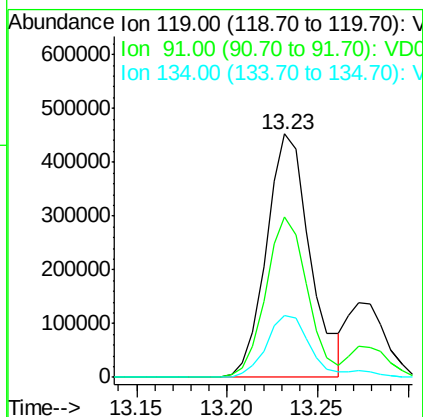
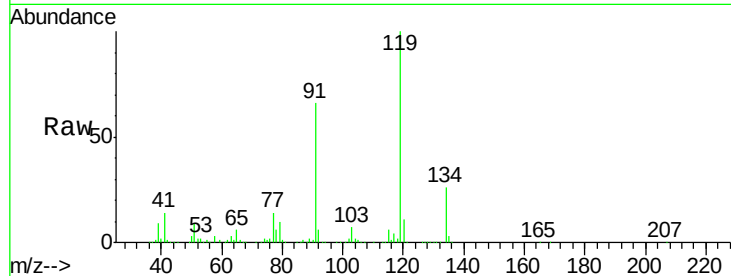




#83
 tert-Butylbenzene
 Concen: 55.97 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

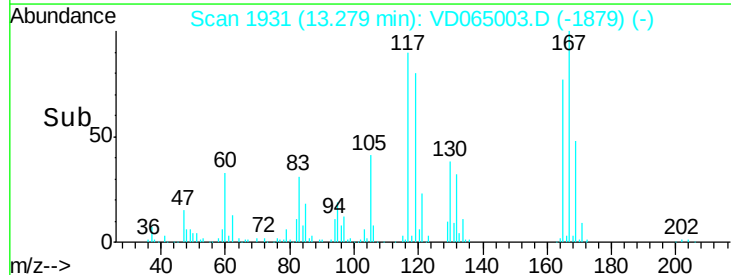
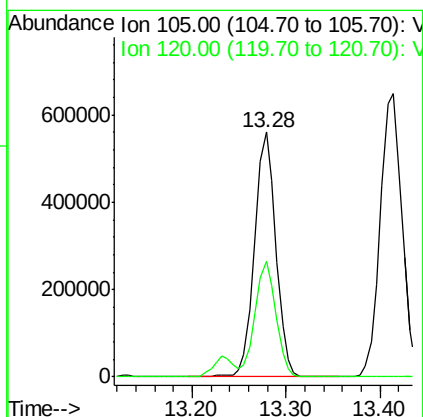
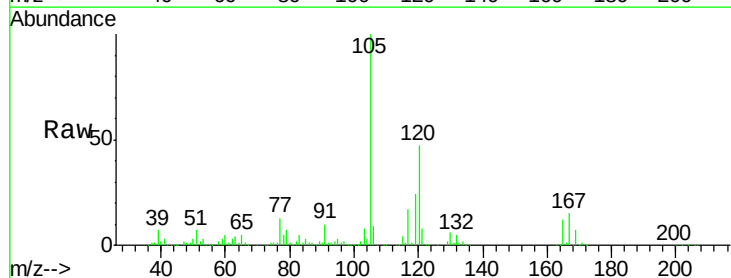
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

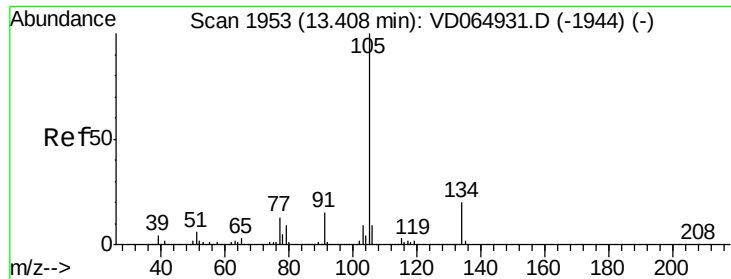
Tgt Ion:119 Resp: 759520
 Ion Ratio Lower Upper
 119 100
 91 62.9 32.0 96.0
 134 26.9 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 54.27 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

Tgt Ion:105 Resp: 879038
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.3





#85

sec-Butylbenzene

Concen: 54.09 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

Instrument :

MSVOA_D

ClientSampleId :

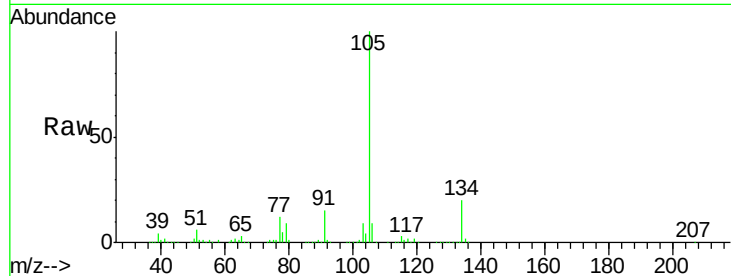
VSTDCCC050

Tgt Ion:105 Resp: 1039213

Ion Ratio Lower Upper

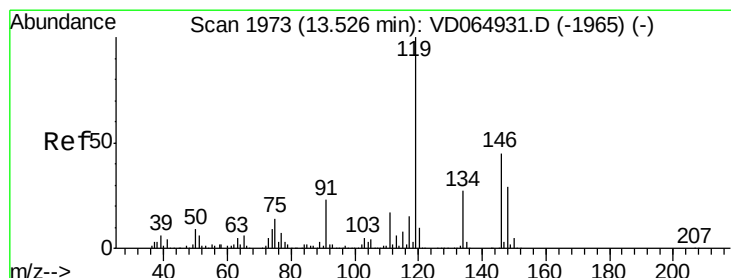
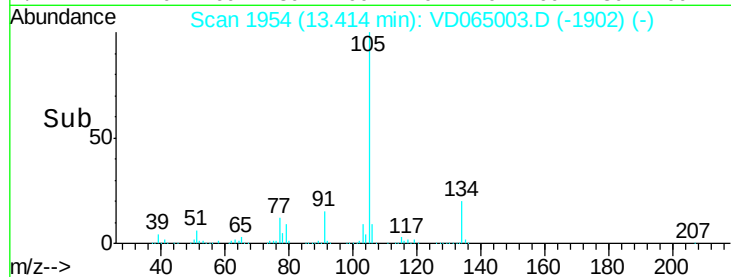
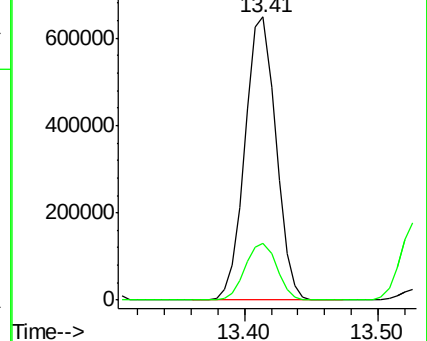
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.30 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065003.D

Acq: 30 Jan 2020 10:14

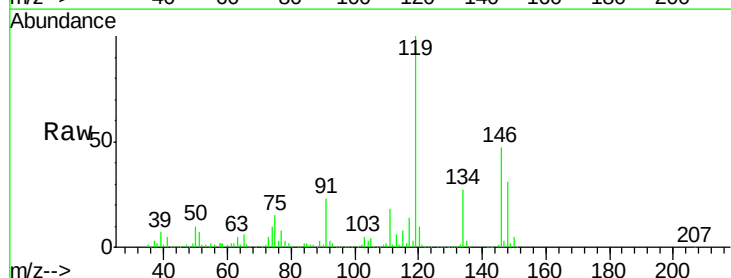
Tgt Ion:119 Resp: 976240

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

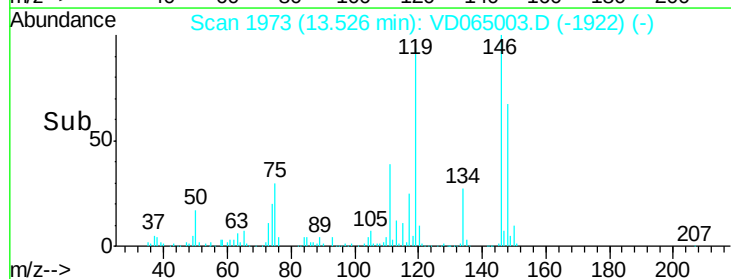
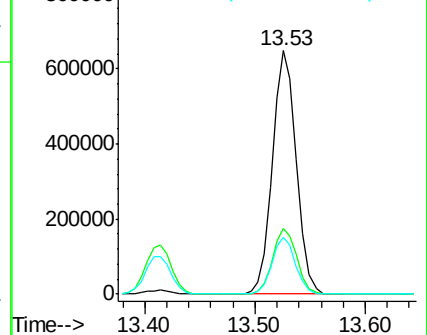
91 22.9 11.4 34.2

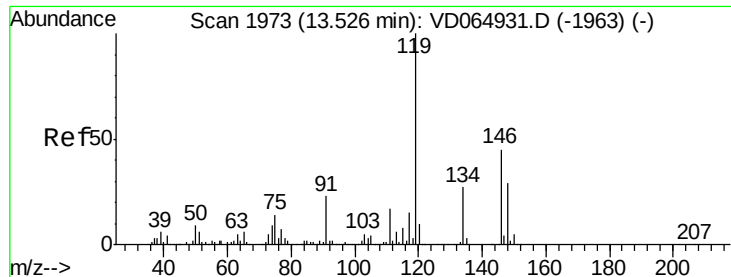


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

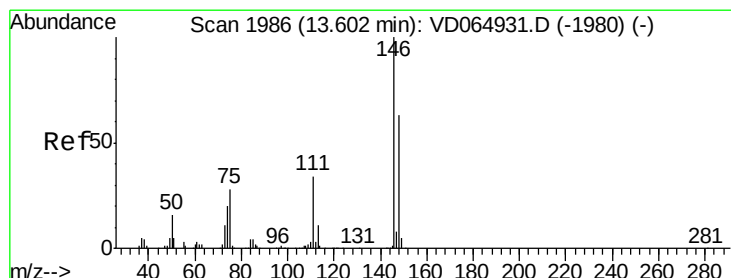
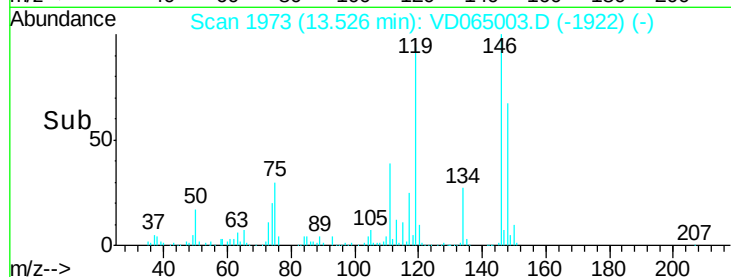
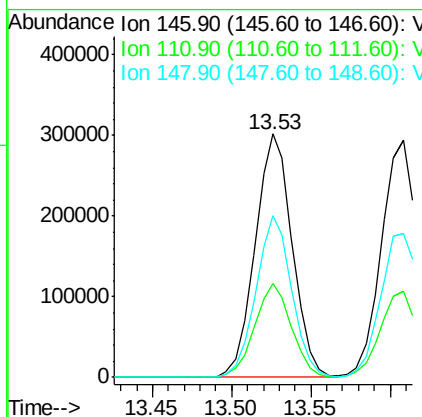
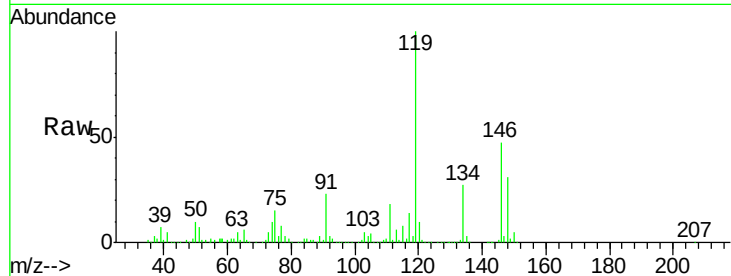




#87
 1,3-Dichlorobenzene
 Concen: 53.47 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

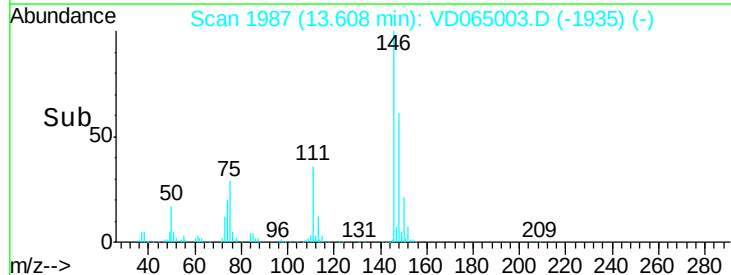
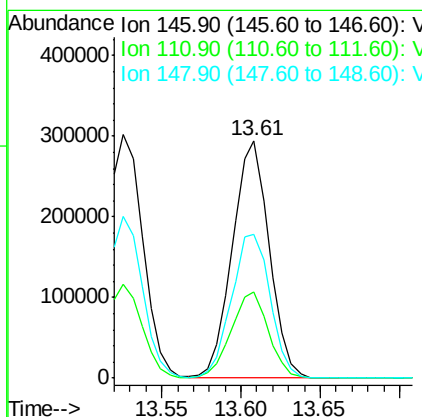
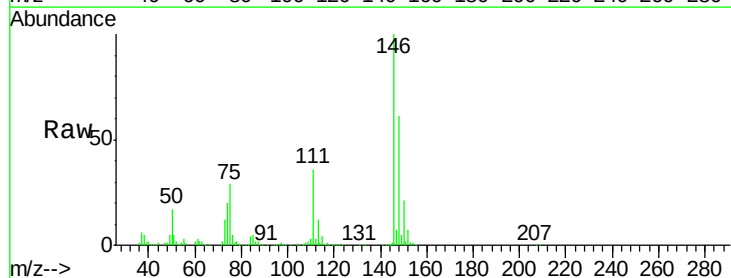
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

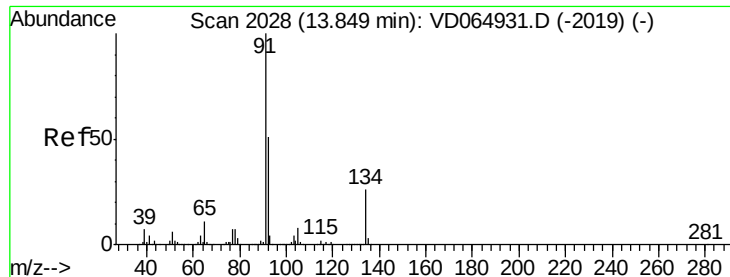
Tgt Ion:146 Resp: 489781
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.9
 148 64.2 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 52.28 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

Tgt Ion:146 Resp: 475305
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.2 54.6
 148 63.6 32.0 96.0

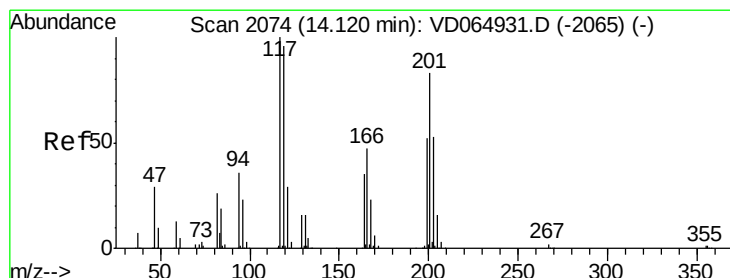
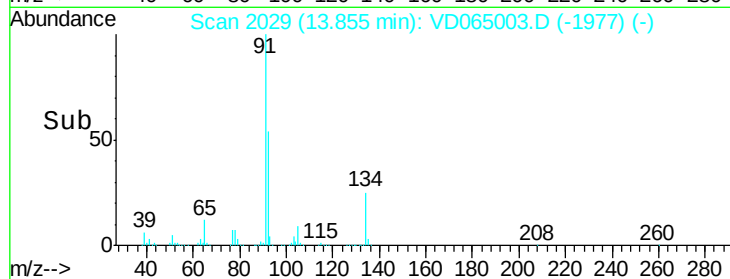
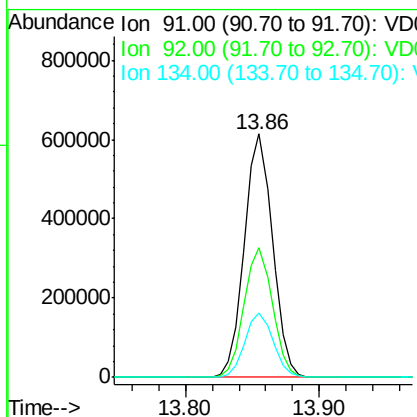
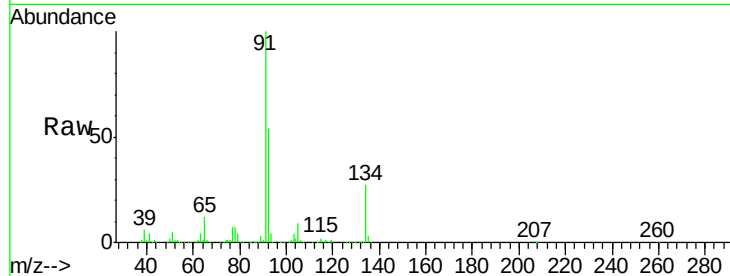




#89
n-Butylbenzene
Concen: 54.65 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

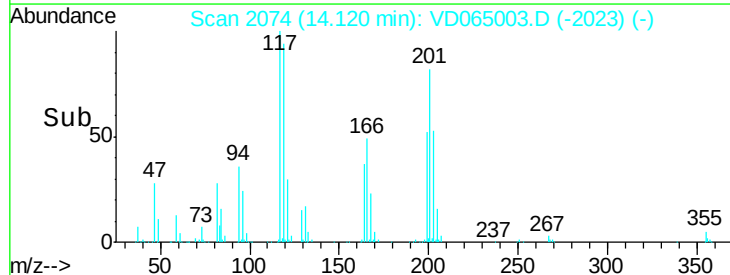
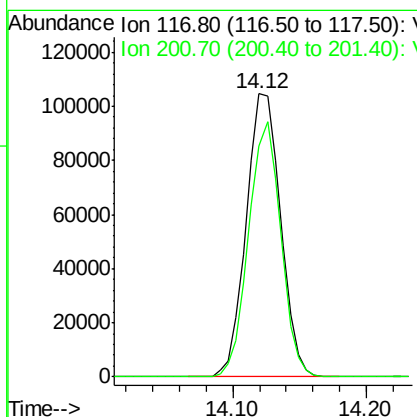
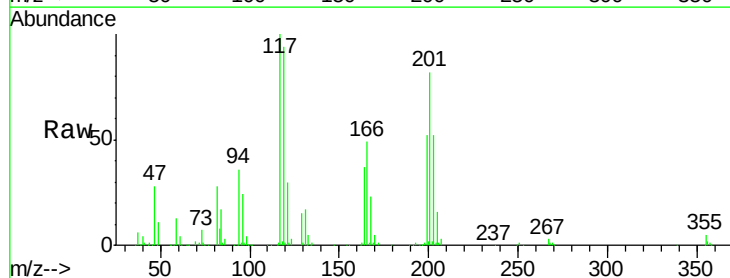
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

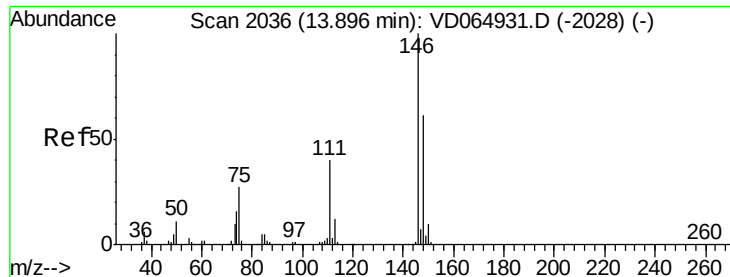
Tgt Ion: 91 Resp: 896654
Ion Ratio Lower Upper
91 100
92 53.6 26.4 79.0
134 26.4 13.3 39.9



#90
Hexachloroethane
Concen: 53.75 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion: 117 Resp: 186373
Ion Ratio Lower Upper
117 100
201 84.3 41.1 123.3

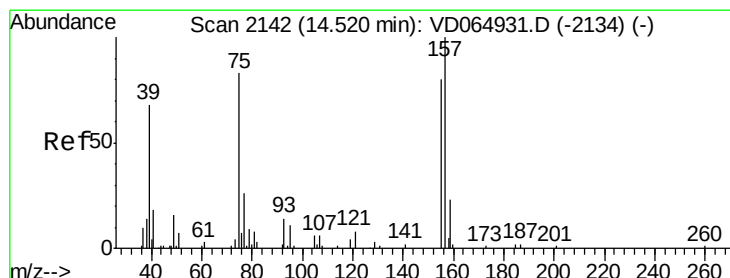
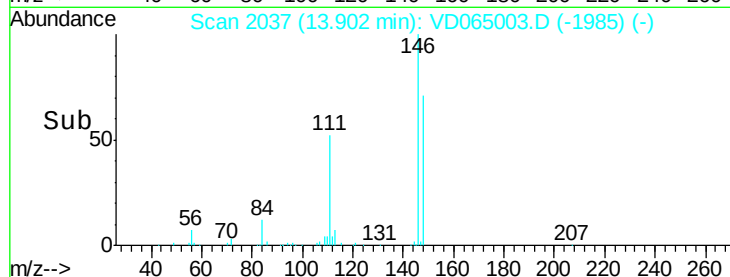
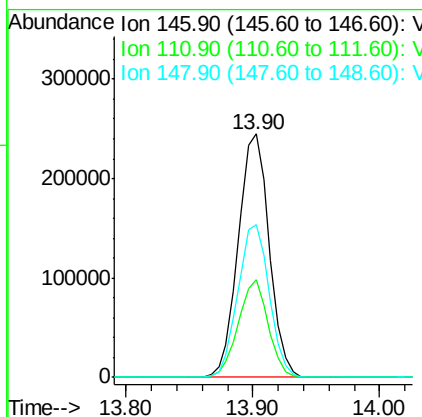
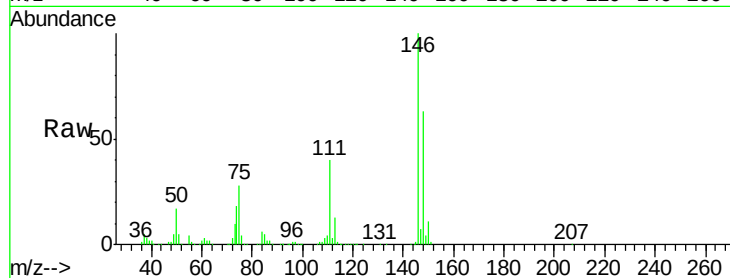




#91
 1,2-Dichlorobenzene
 Concen: 53.21 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

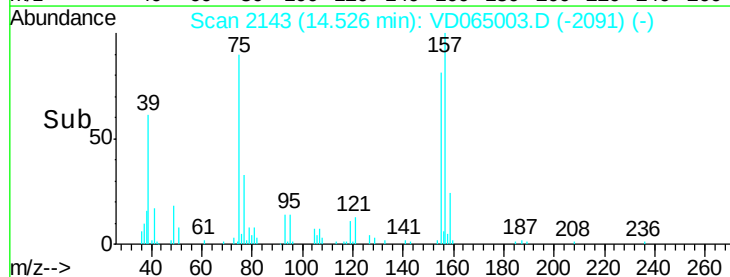
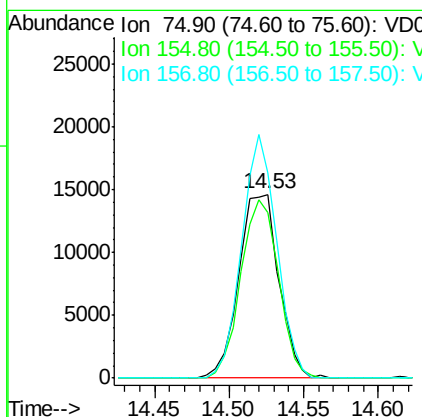
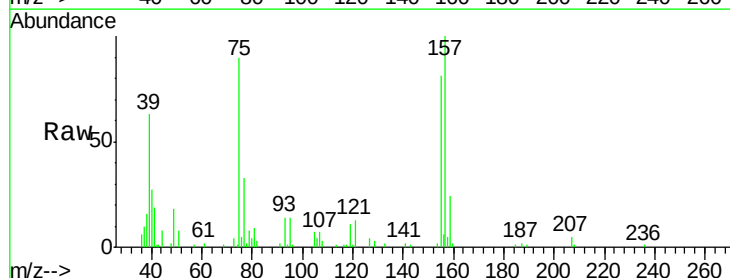
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

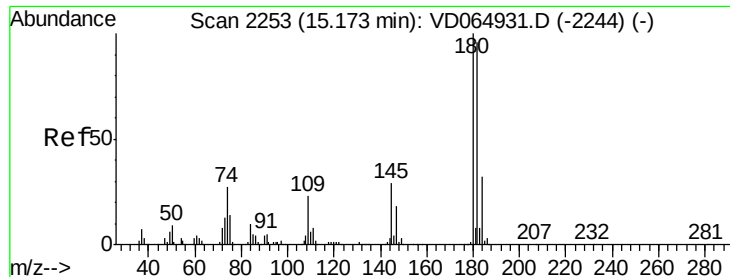
Tgt Ion:146 Resp: 413772
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 63.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.77 ug/l
 RT: 14.53 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

Tgt Ion: 75 Resp: 27167
 Ion Ratio Lower Upper
 75 100
 155 91.6 44.9 134.7
 157 115.5 58.9 176.6

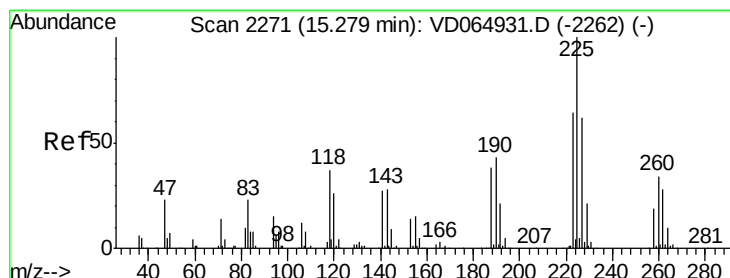
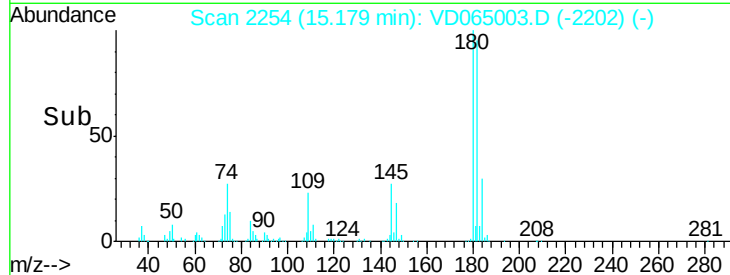
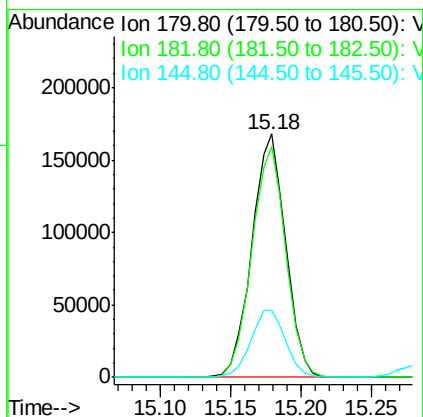
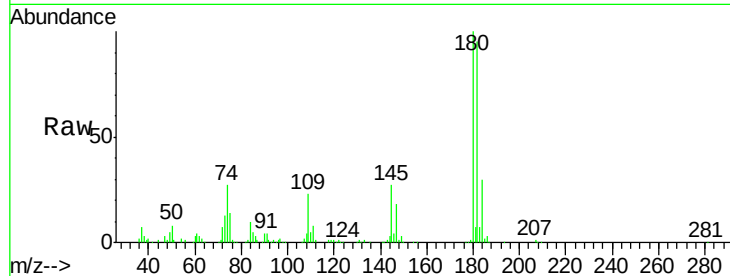




#93
 1,2,4-Trichlorobenzene
 Concen: 52.42 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

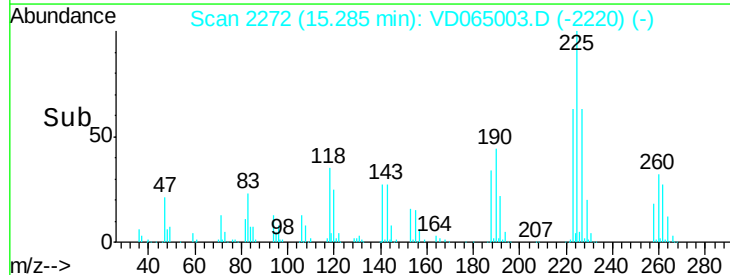
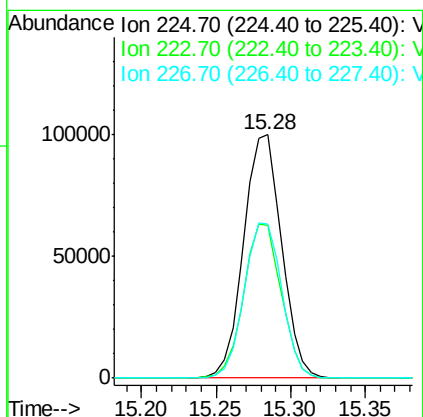
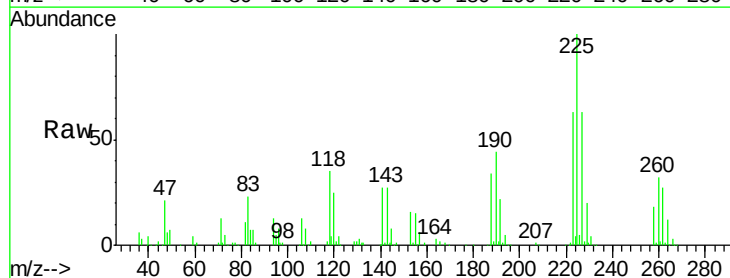
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

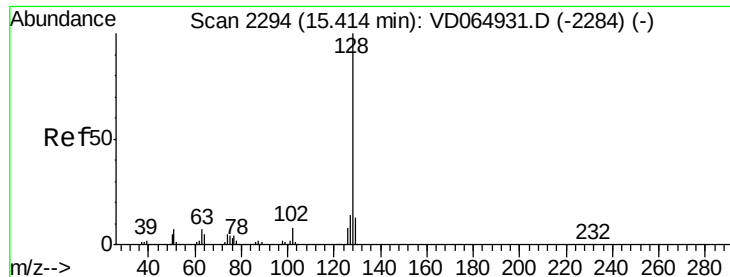
Tgt Ion:180 Resp: 282014
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.1 141.4
 145 28.4 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 51.58 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VD065003.D
 Acq: 30 Jan 2020 10:14

Tgt Ion:225 Resp: 175511
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.4 97.2
 227 63.3 31.9 95.9

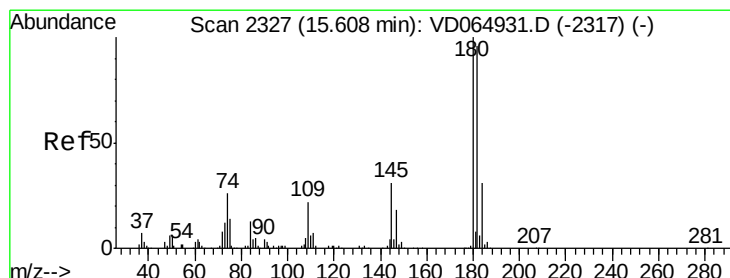
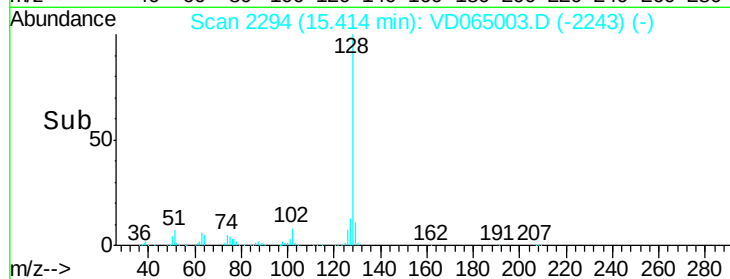
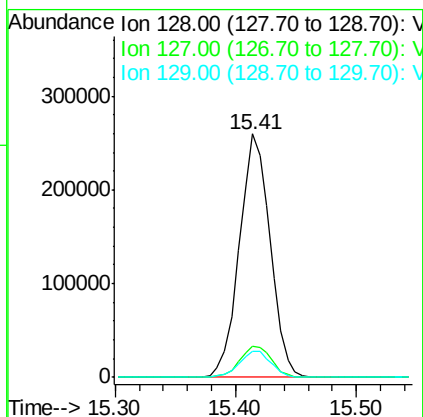
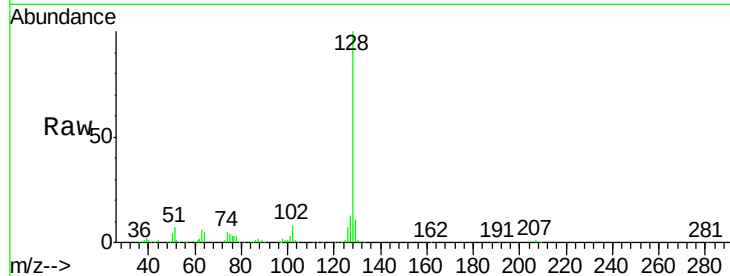




#95
Naphthalene
Concen: 53.18 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 461755
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 9.3 13.9



#96
1,2,3-Trichlorobenzene
Concen: 51.18 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065003.D
Acq: 30 Jan 2020 10:14

Tgt Ion:180 Resp: 238725
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.8
145 30.7 14.6 43.8

