

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072720\
 Data File : VD066062.D
 Acq On : 27 Jul 2020 11:40
 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: Jul 27 17:48:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	282707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	397934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	371119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	205172	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117622	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	7.91	113	121203	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.34	98	463773	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.64	95	164137	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	93984	43.806	ug/l	100
3) Chloromethane	2.21	50	81990	46.829	ug/l	95
4) Vinyl Chloride	2.35	62	84116	50.450	ug/l	97
5) Bromomethane	2.77	94	60142	51.434	ug/l	100
6) Chloroethane	2.93	64	51041	51.282	ug/l	96
7) Trichlorofluoromethane	3.27	101	207356	51.130	ug/l	99
8) Diethyl Ether	3.71	74	53460	47.690	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	122440	50.001	ug/l	97
10) Methyl Iodide	4.30	142	142578	56.293	ug/l	97
11) Tert butyl alcohol	5.21	59	35582	245.359	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	116815	49.976	ug/l	88
13) Acrolein	3.91	56	46274	238.759	ug/l	97
14) Allyl chloride	4.71	41	172451	47.197	ug/l	93
15) Acrylonitrile	5.42	53	116700	243.680	ug/l	99
16) Acetone	4.15	43	140671	302.112	ug/l	93
17) Carbon Disulfide	4.41	76	342229	45.137	ug/l	99
18) Methyl Acetate	4.71	43	48829	45.079	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	255303	53.160	ug/l	99
20) Methylene Chloride	4.96	84	146326	57.265	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	132014	49.972	ug/l	96
22) Diisopropyl ether	6.36	45	337284	48.588	ug/l	98
23) Vinyl Acetate	6.30	43	991136	253.171	ug/l #	94
24) 1,1-Dichloroethane	6.26	63	207783	49.401	ug/l	97
25) 2-Butanone	7.21	43	150906	244.245	ug/l	91
26) 2,2-Dichloropropane	7.21	77	203996	53.934	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	139214	49.771	ug/l	99
28) Bromochloromethane	7.54	49	87711	49.133	ug/l	91
29) Tetrahydrofuran	7.56	42	91913	241.106	ug/l	96
30) Chloroform	7.71	83	223565	50.814	ug/l	99
31) Cyclohexane	7.98	56	190329	45.996	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	216329	53.156	ug/l	99
36) 1,1-Dichloropropene	8.11	75	178756	52.635	ug/l	100
37) Ethyl Acetate	7.29	43	66001	50.887	ug/l	99
38) Carbon Tetrachloride	8.10	117	208161	56.489	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072720\
 Data File : VD066062.D
 Acq On : 27 Jul 2020 11:40
 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: Jul 27 17:48:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	218006	53.007	ug/l	99
40) Benzene	8.35	78	488860	51.452	ug/l	95
41) Methacrylonitrile	7.56	41	94459	127.132	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	141823	54.472	ug/l	99
43) Isopropyl Acetate	8.45	43	129933	51.292	ug/l	99
44) Trichloroethene	9.11	130	153433	53.364	ug/l	92
45) 1,2-Dichloropropane	9.39	63	116811	50.762	ug/l	96
46) Dibromomethane	9.47	93	64507	52.073	ug/l	94
47) Bromodichloromethane	9.67	83	172405	52.635	ug/l	99
48) Methyl methacrylate	9.46	41	65033	50.894	ug/l	92
49) 1,4-Dioxane	9.46	88	14766	1028.852	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	334005	261.681	ug/l	99
52) Toluene	10.41	92	337061	54.398	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	167747	54.971	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	197790	53.470	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	93518	53.229	ug/l	96
56) Ethyl methacrylate	10.66	69	115889	56.734	ug/l	96
57) 1,3-Dichloropropane	10.95	76	153617	52.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	234431	240.247	ug/l	97
59) 2-Hexanone	10.99	43	241631	273.179	ug/l	96
60) Dibromochloromethane	11.14	129	130935	55.274	ug/l	99
61) 1,2-Dibromoethane	11.25	107	92213	54.436	ug/l	100
64) Tetrachloroethene	10.88	164	133473	52.988	ug/l	95
65) Chlorobenzene	11.67	112	357698	52.641	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	140484	55.992	ug/l	98
67) Ethyl Benzene	11.75	91	629896	53.867	ug/l	99
68) m/p-Xylenes	11.86	106	493173	109.727	ug/l	99
69) o-Xylene	12.18	106	226906	55.506	ug/l	98
70) Styrene	12.20	104	396750	56.487	ug/l	99
71) Bromoform	12.37	173	84696	57.630	ug/l #	98
73) Isopropylbenzene	12.48	105	634028	51.070	ug/l	99
74) N-amyl acetate	12.30	43	127736	49.623	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	98515	48.015	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	129391	83.757	ug/l #	100
77) Bromobenzene	12.77	156	159693	50.332	ug/l	94
78) n-propylbenzene	12.83	91	736141	51.098	ug/l	98
79) 2-Chlorotoluene	12.91	91	414890	50.409	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	534347	52.388	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	34396	51.091	ug/l	99
82) 4-Chlorotoluene	13.01	91	440624	50.720	ug/l	99
83) tert-Butylbenzene	13.23	119	466929	52.314	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	527185	52.389	ug/l	99
85) sec-Butylbenzene	13.41	105	649426	52.825	ug/l	98
86) p-Isopropyltoluene	13.53	119	604519	54.125	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	300339	50.985	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	305654	51.327	ug/l	98
89) n-Butylbenzene	13.85	91	555784	53.517	ug/l	98
90) Hexachloroethane	14.12	117	117523	50.829	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	264355	51.789	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16948	50.401	ug/l	98

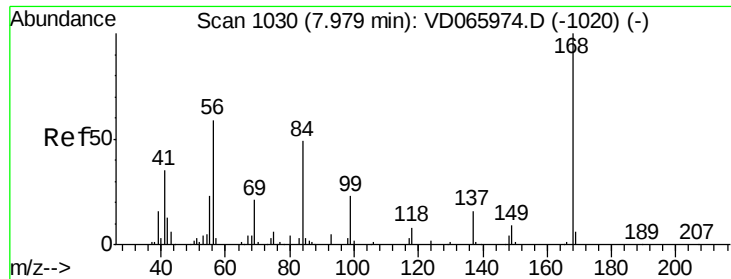
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072720\
Data File : VD066062.D
Acq On : 27 Jul 2020 11:40
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Jul 27 17:48:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	203151	55.446	ug/l	99
94) Hexachlorobutadiene	15.28	225	126835	55.993	ug/l	100
95) Naphthalene	15.41	128	317610	48.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	173285	54.402	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

Instrument :

MSVOA_D

ClientSampleId :

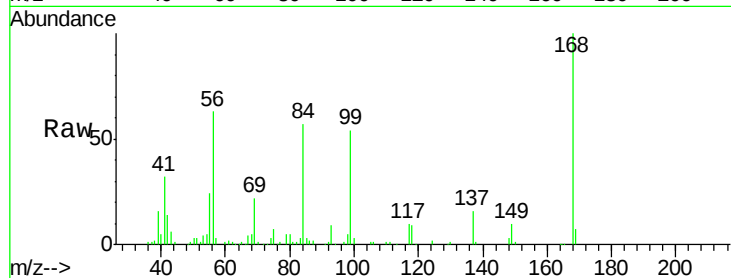
VSTDCCC050

Tgt Ion:168 Resp: 282707

Ion Ratio Lower Upper

168 100

99 53.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

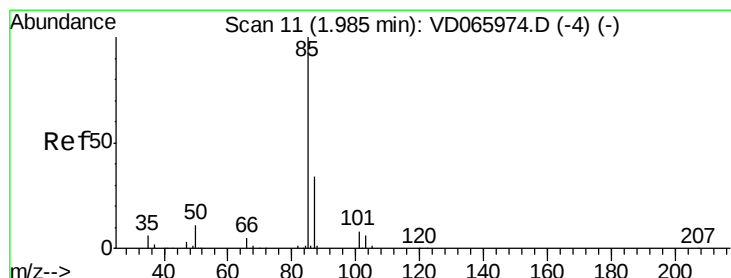
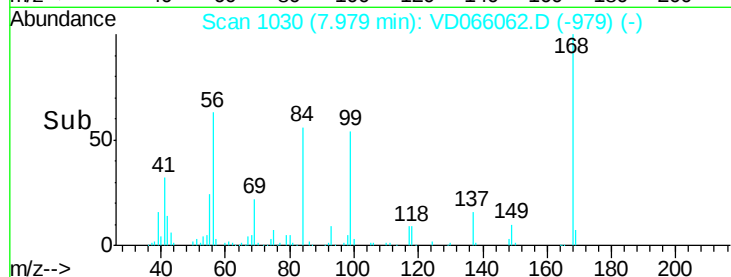
7.98

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.806 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066062.D

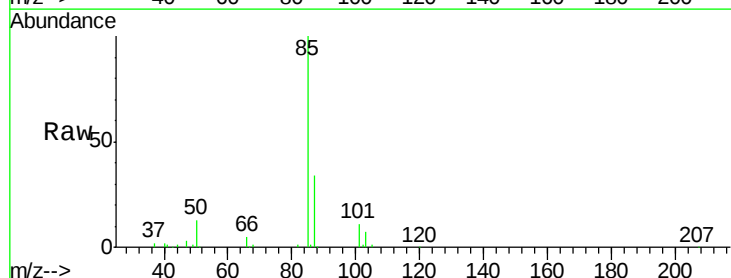
Acq: 27 Jul 2020 11:40

Tgt Ion: 85 Resp: 93984

Ion Ratio Lower Upper

85 100

87 34.4 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

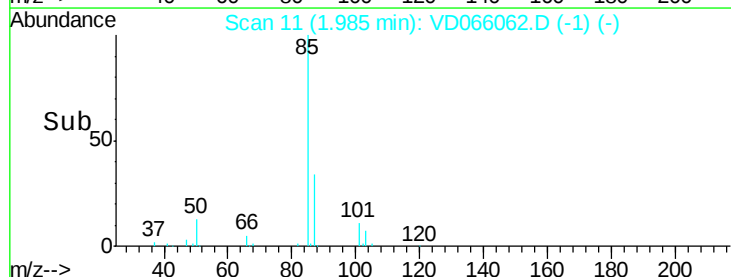
60000

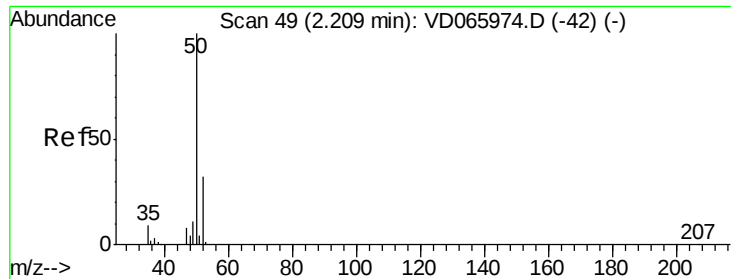
40000

20000

0

Time-->





#3

Chloromethane

Concen: 46.829 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

Instrument :

MSVOA_D

ClientSampleId :

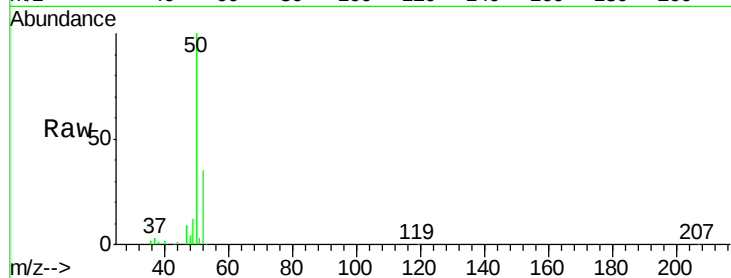
VSTDCCC050

Tgt Ion: 50 Resp: 81990

Ion Ratio Lower Upper

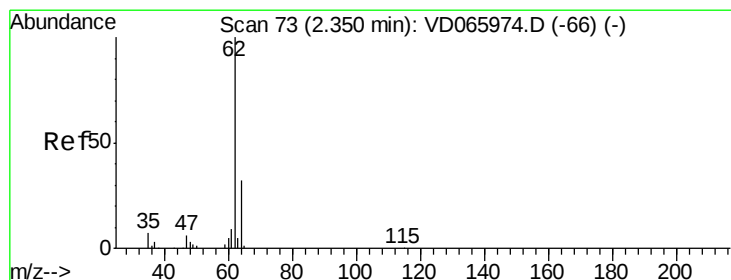
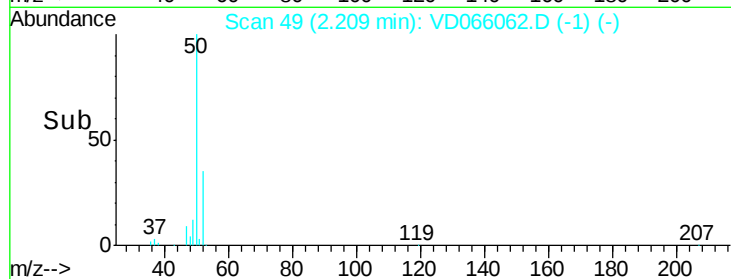
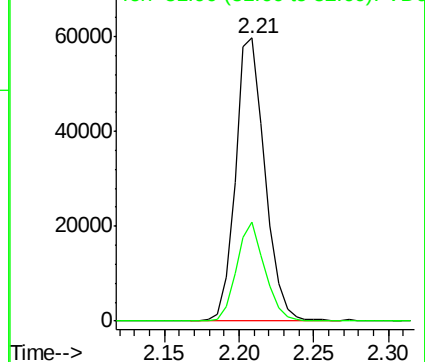
50 100

52 35.0 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 50.450 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066062.D

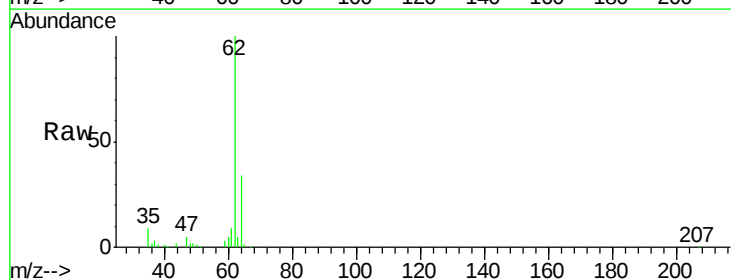
Acq: 27 Jul 2020 11:40

Tgt Ion: 62 Resp: 84116

Ion Ratio Lower Upper

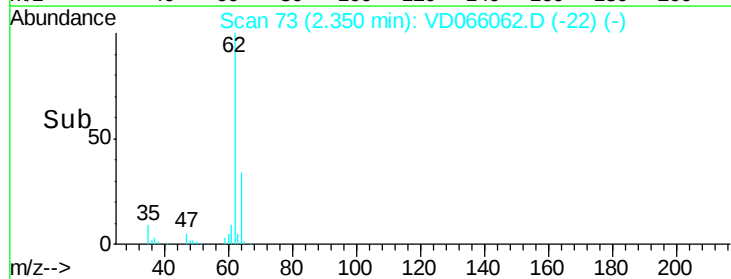
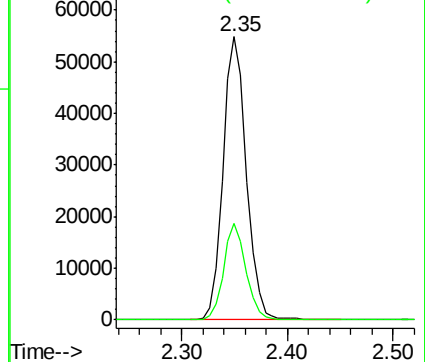
62 100

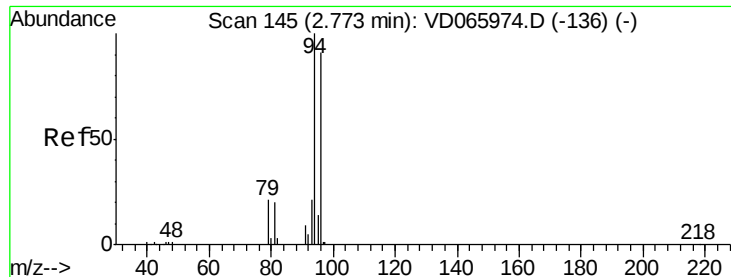
64 33.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 51.434 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

Instrument :

MSVOA_D

ClientSampleId :

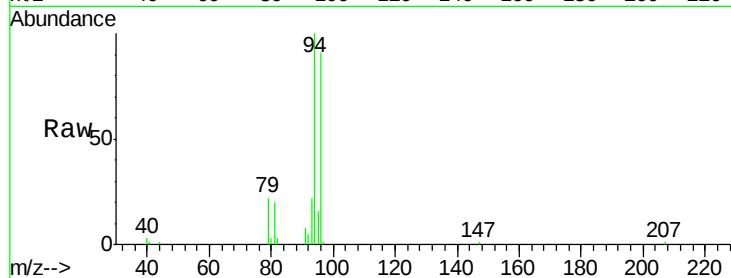
VSTDCCC050

Tgt Ion: 94 Resp: 60142

Ion Ratio Lower Upper

94 100

96 91.0 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

25000

20000

15000

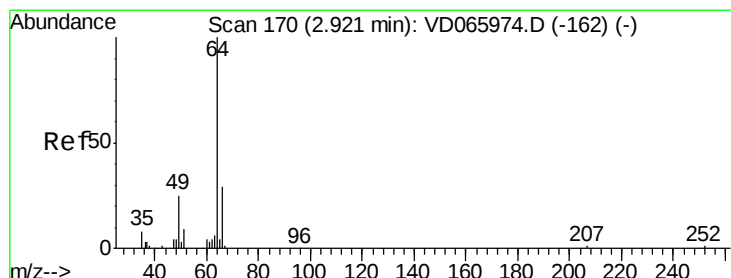
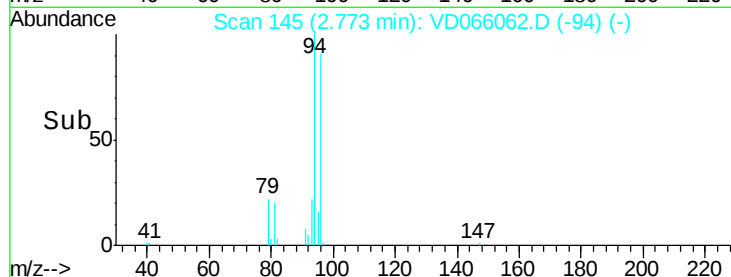
10000

5000

0

Time-->

2.70 2.80



#6

Chloroethane

Concen: 51.282 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066062.D

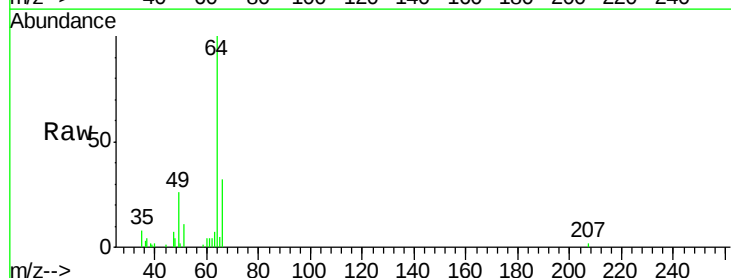
Acq: 27 Jul 2020 11:40

Tgt Ion: 64 Resp: 51041

Ion Ratio Lower Upper

64 100

66 31.6 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

30000

25000

20000

15000

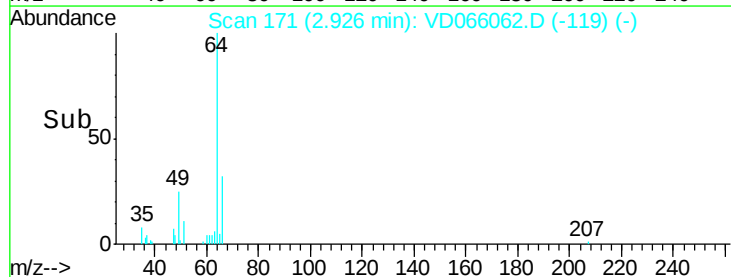
10000

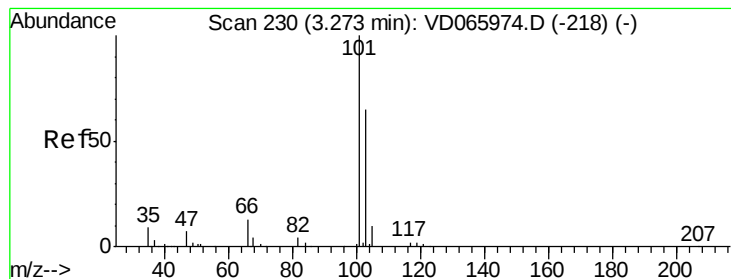
5000

0

Time-->

2.85 2.90 2.95 3.00



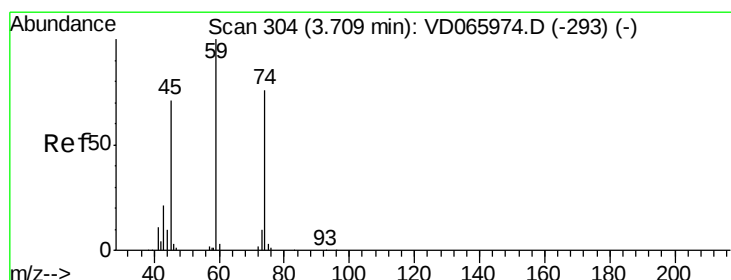
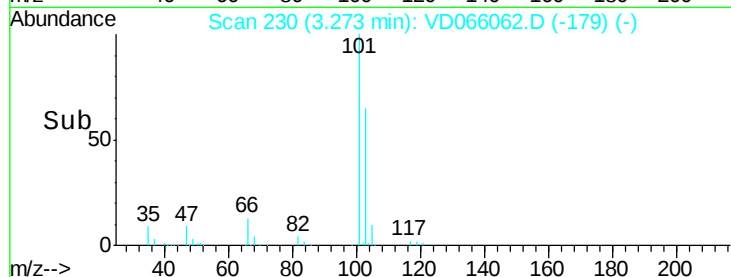
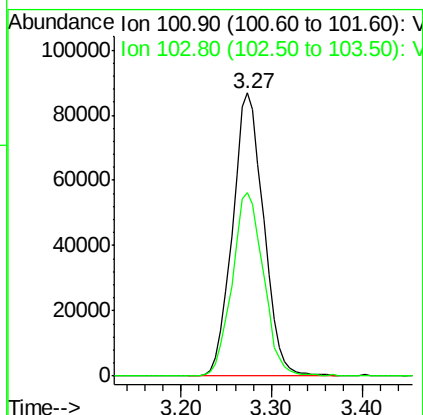
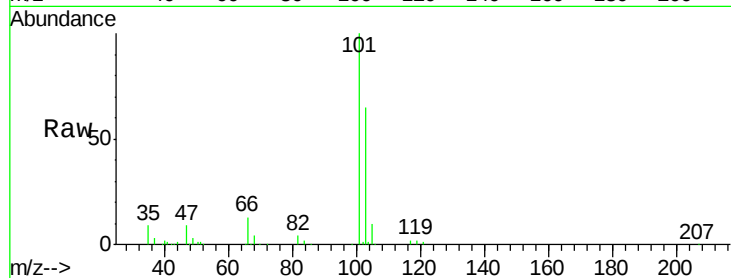


#7

Trichlorofluoromethane
 Concen: 51.130 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066062.D
 Acq: 27 Jul 2020 11:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

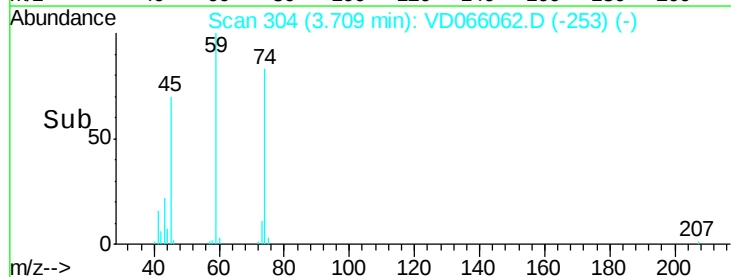
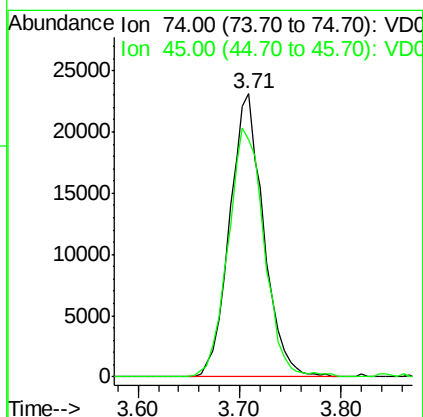
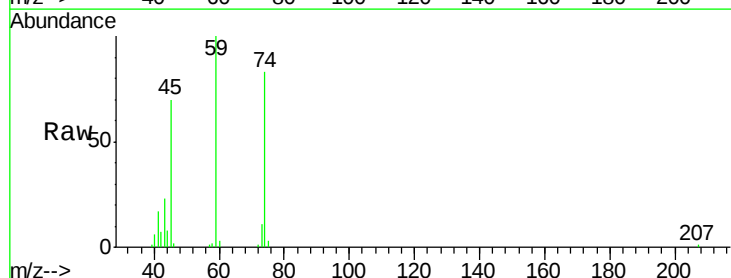
Tgt Ion:101 Resp: 207356
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.1 78.1

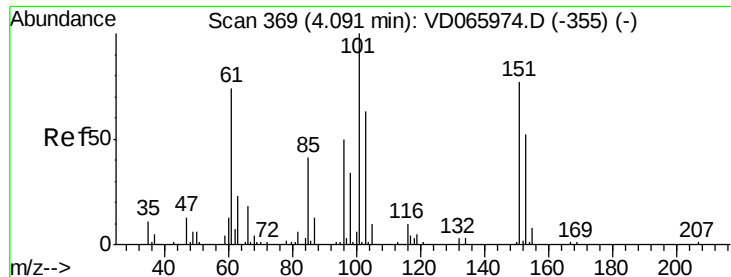


#8

Diethyl Ether
 Concen: 47.690 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066062.D
 Acq: 27 Jul 2020 11:40

Tgt Ion: 74 Resp: 53460
 Ion Ratio Lower Upper
 74 100
 45 93.6 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.001 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

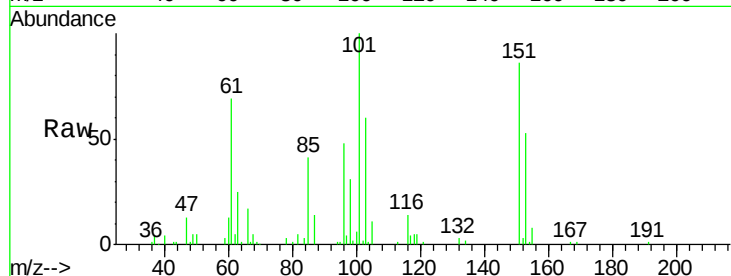
Tgt Ion:101 Resp: 122440

Ion Ratio Lower Upper

101 100

85 42.2 33.6 50.4

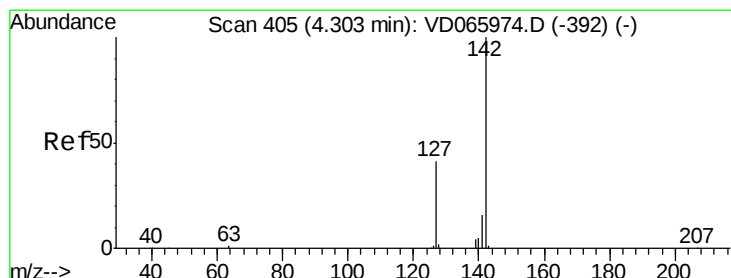
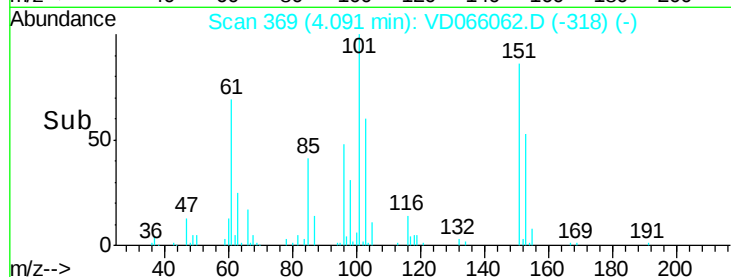
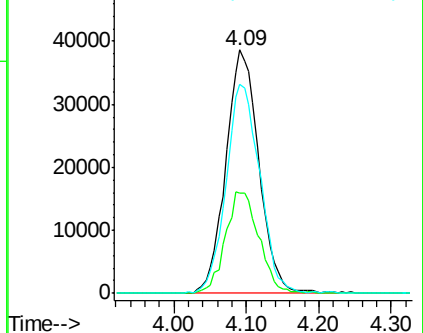
151 87.6 66.6 99.8



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: 56.293 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

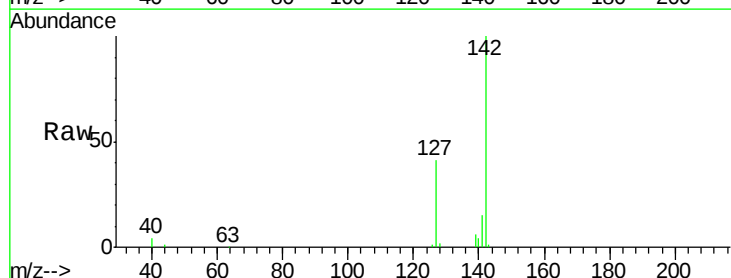
Tgt Ion:142 Resp: 142578

Ion Ratio Lower Upper

142 100

127 43.8 32.9 49.3

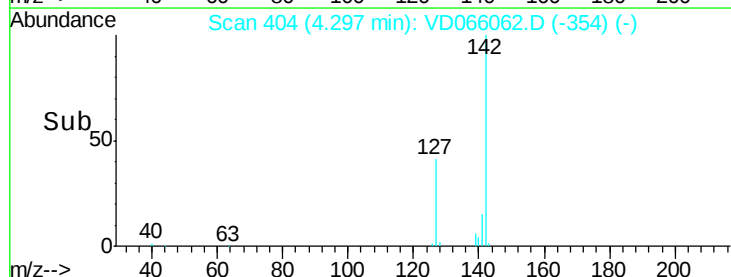
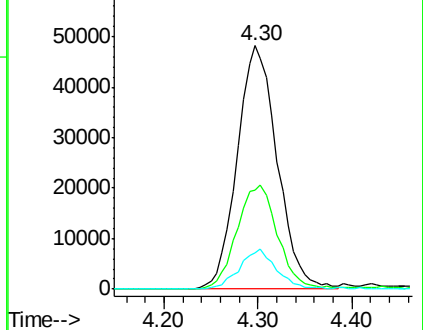
141 15.1 11.8 17.6

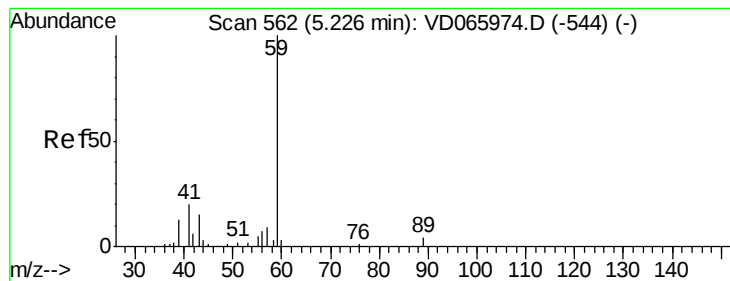


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



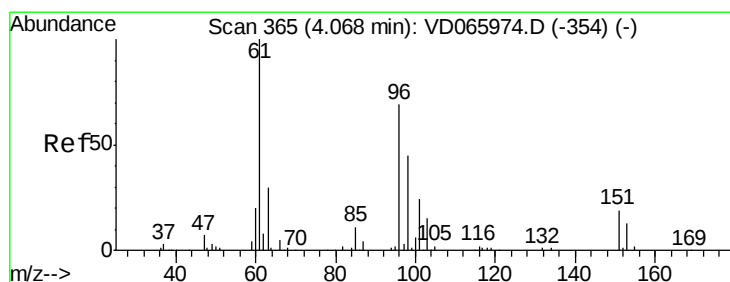
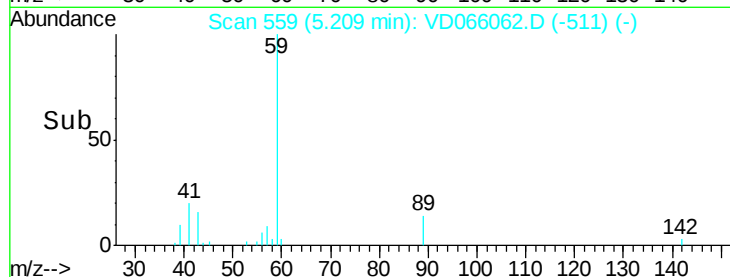
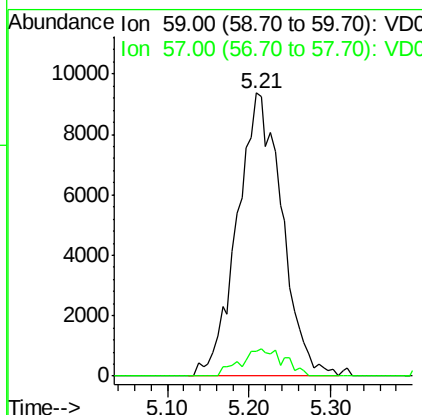
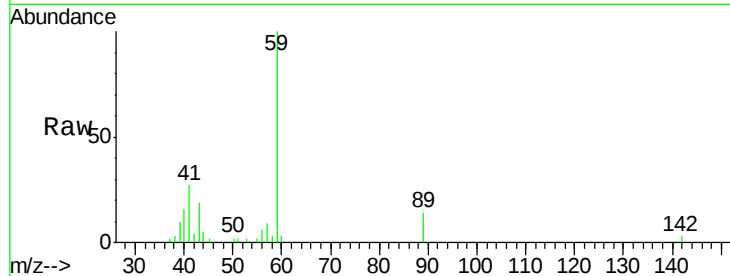


#11

Tert butyl alcohol
 Concen: 245.359 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD066062.D
 Acq: 27 Jul 2020 11:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

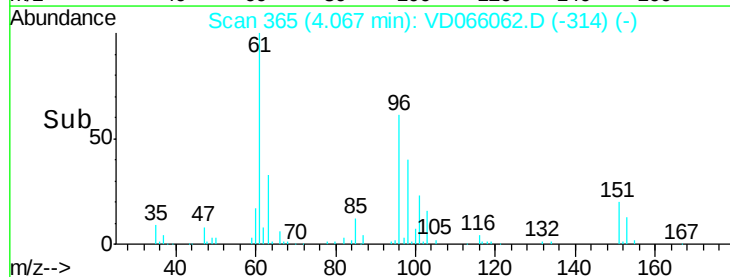
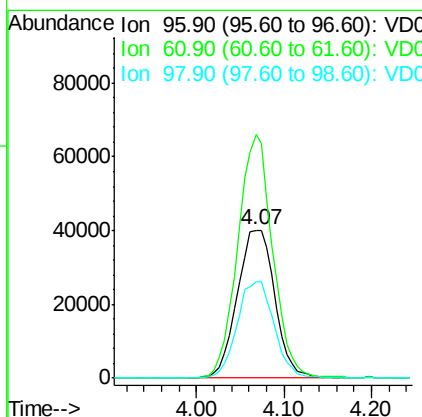
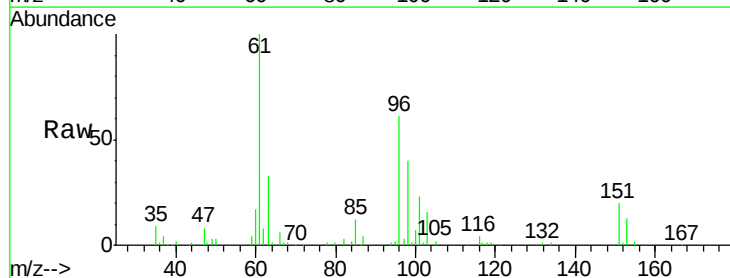
Tgt Ion: 59 Resp: 35582
 Ion Ratio Lower Upper
 59 100
 57 9.4 4.5 6.7#

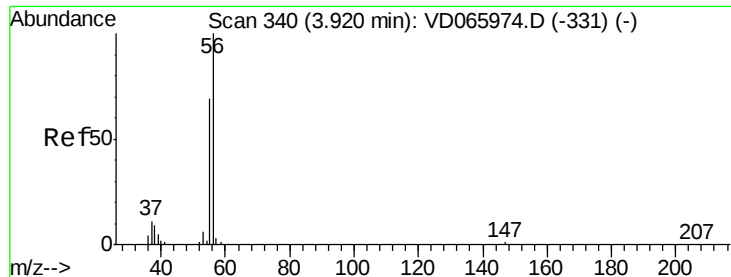


#12

1,1-Dichloroethene
 Concen: 49.976 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066062.D
 Acq: 27 Jul 2020 11:40

Tgt Ion: 96 Resp: 116815
 Ion Ratio Lower Upper
 96 100
 61 164.5 115.4 173.0
 98 65.1 51.5 77.3





#13

Acrolein

Concen: 238.759 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

Instrument :

MSVOA_D

ClientSampleId :

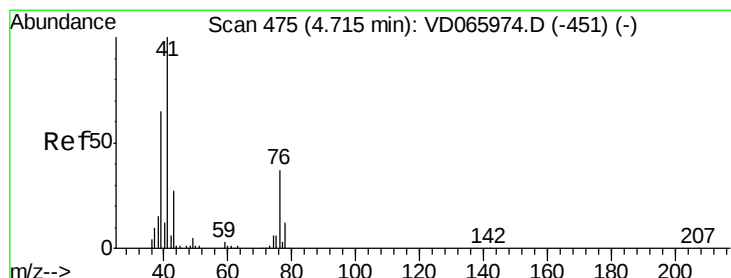
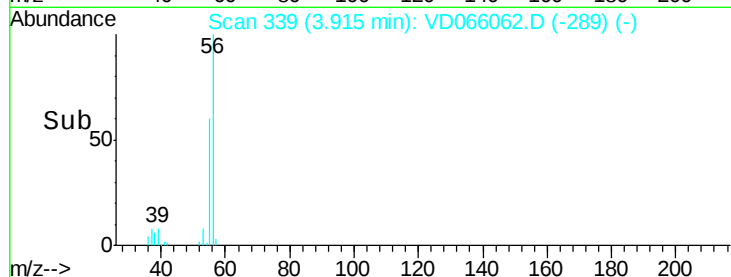
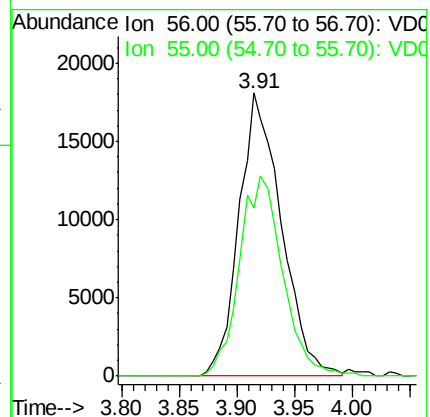
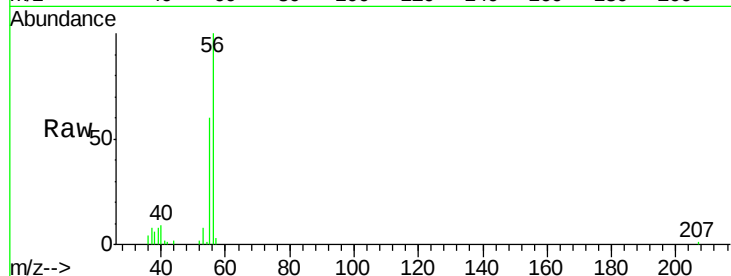
VSTDCCC050

Tgt Ion: 56 Resp: 46274

Ion Ratio Lower Upper

56 100

55 72.1 55.8 83.8



#14

Allyl chloride

Concen: 47.197 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

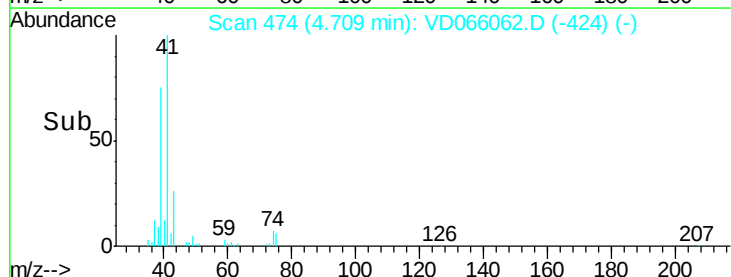
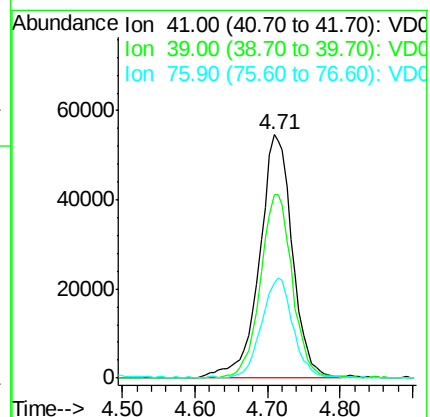
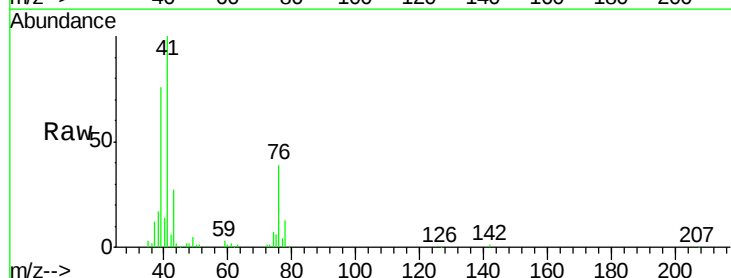
Tgt Ion: 41 Resp: 172451

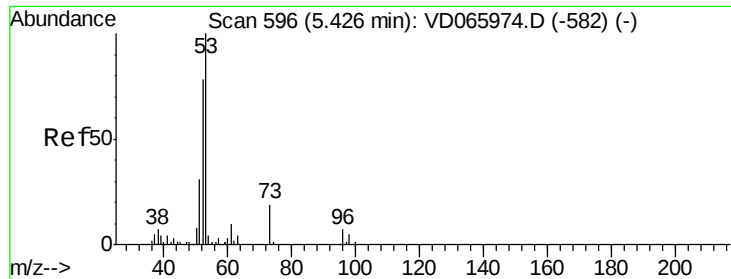
Ion Ratio Lower Upper

41 100

39 73.7 53.4 80.2

76 39.6 29.1 43.7





#15

Acrylonitrile

Concen: 243.680 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

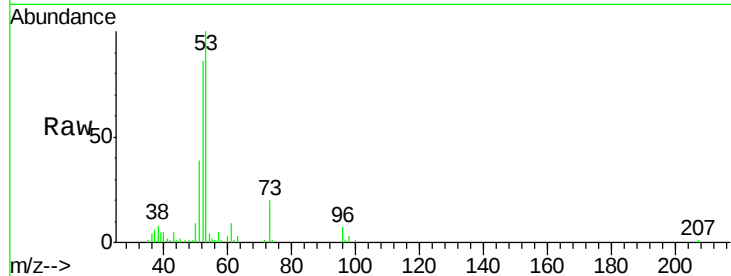
Tgt Ion: 53 Resp: 116700

Ion Ratio Lower Upper

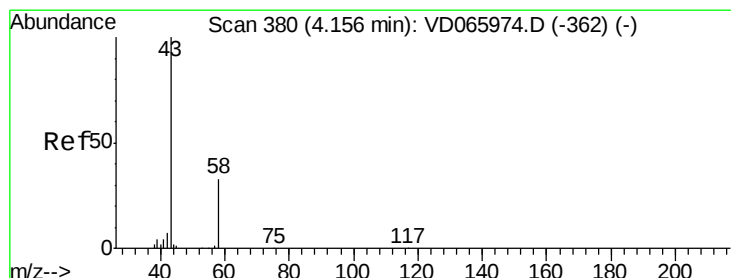
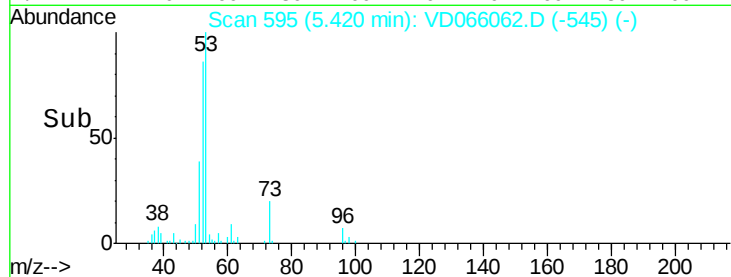
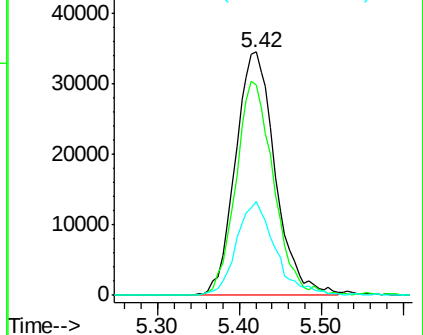
53 100

52 83.3 67.1 100.7

51 37.5 28.7 43.1



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: 302.112 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066062.D

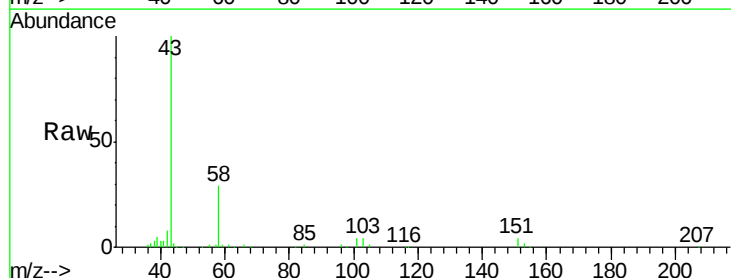
Acq: 27 Jul 2020 11:40

Tgt Ion: 43 Resp: 140671

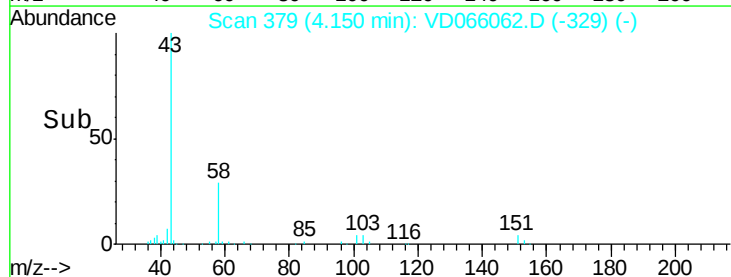
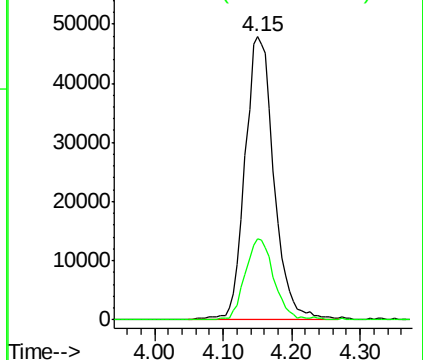
Ion Ratio Lower Upper

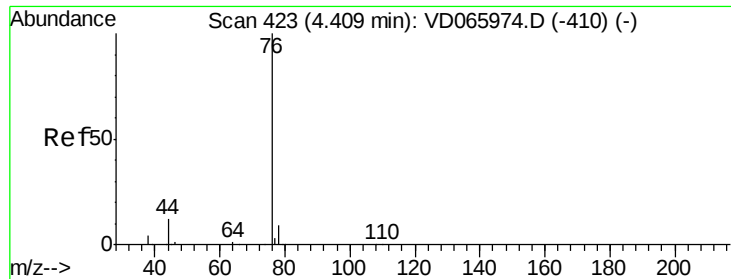
43 100

58 28.8 26.3 39.5



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





#17

Carbon Disulfide

Concen: 45.137 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

Instrument :

MSVOA_D

ClientSampleId :

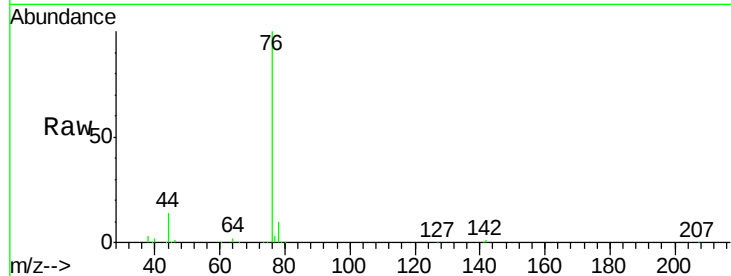
VSTDCCC050

Tgt Ion: 76 Resp: 342229

Ion Ratio Lower Upper

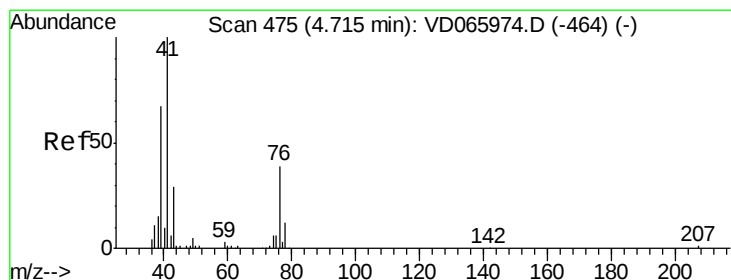
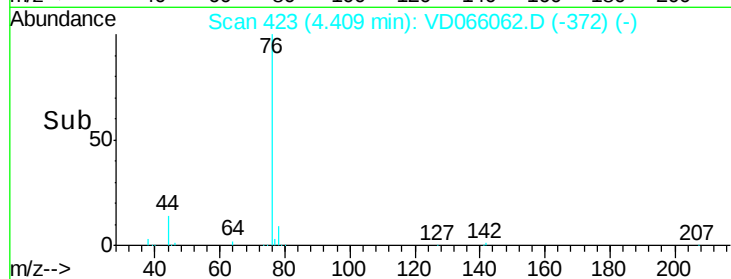
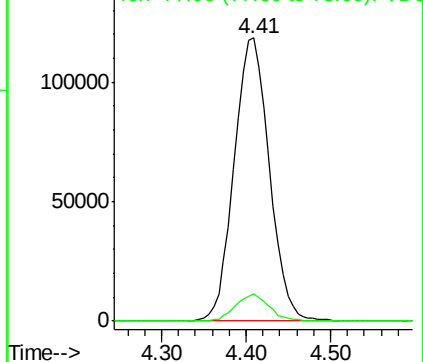
76 100

78 9.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 45.079 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066062.D

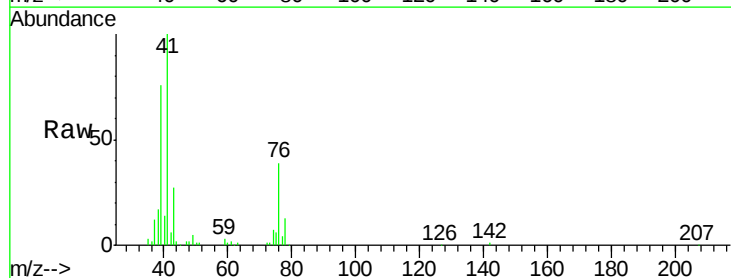
Acq: 27 Jul 2020 11:40

Tgt Ion: 43 Resp: 48829

Ion Ratio Lower Upper

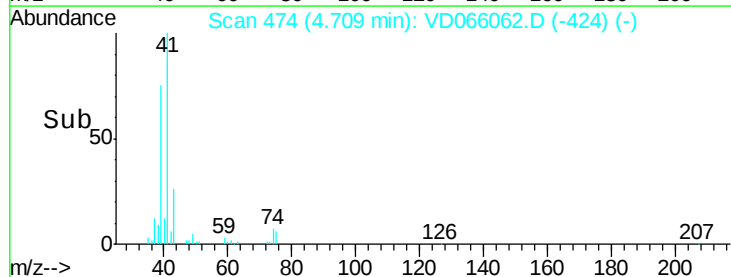
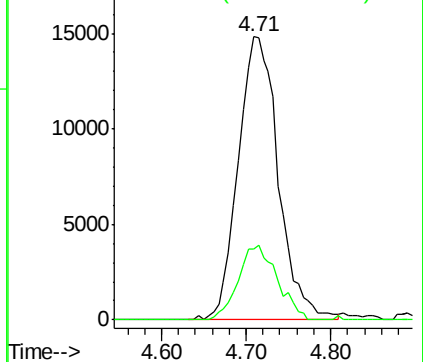
43 100

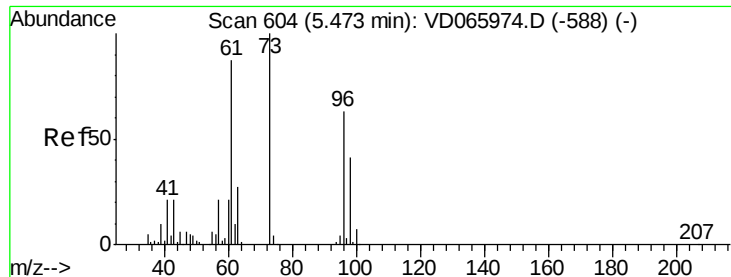
74 25.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

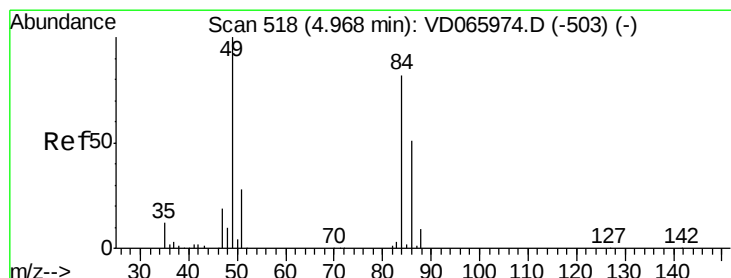
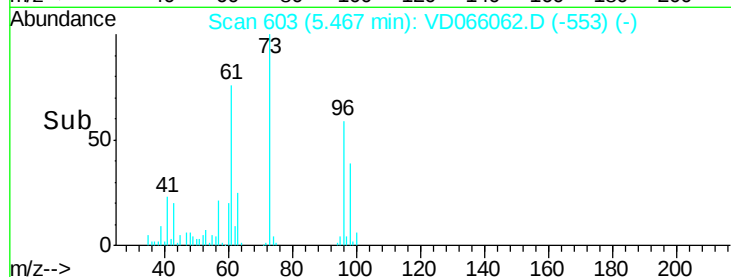
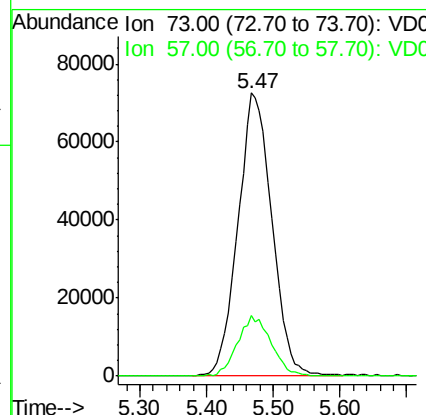
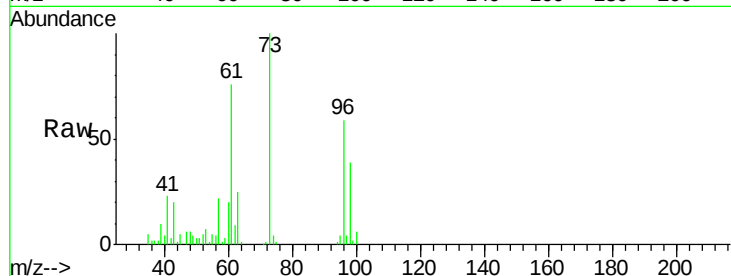




#19
Methyl tert-butyl Ether
Concen: 53.160 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD066062.D
Acq: 27 Jul 2020 11:40

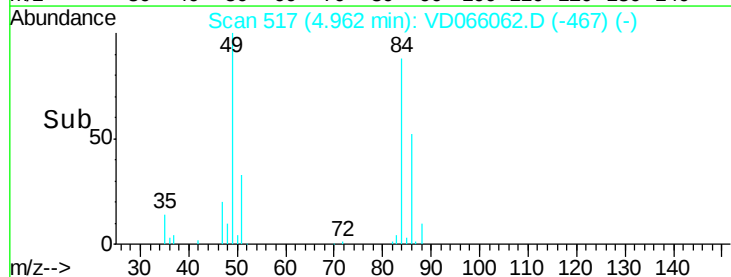
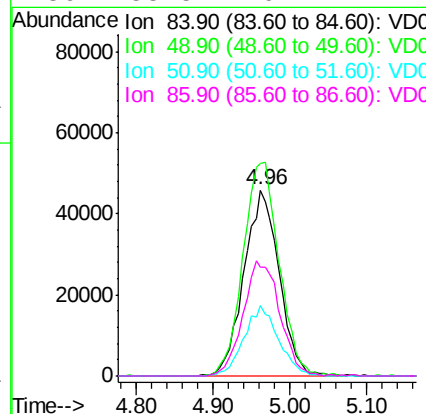
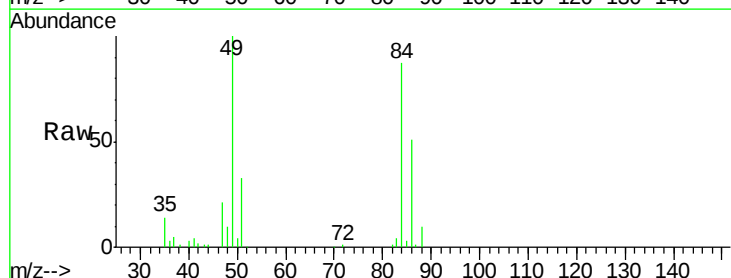
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

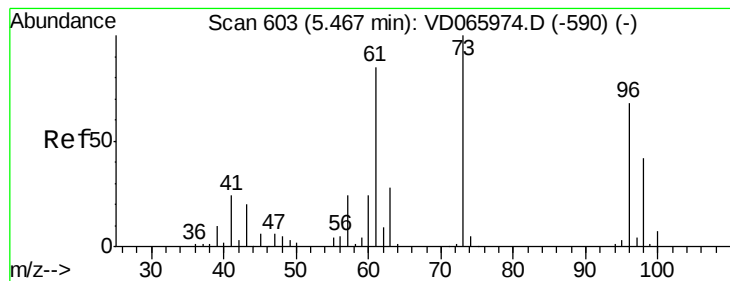
Tgt Ion: 73 Resp: 255303
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.4



#20
Methylene Chloride
Concen: 57.265 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066062.D
Acq: 27 Jul 2020 11:40

Tgt Ion: 84 Resp: 146326
Ion Ratio Lower Upper
84 100
49 114.4 97.7 146.5
51 37.8 27.4 41.2
86 58.5 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 49.972 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

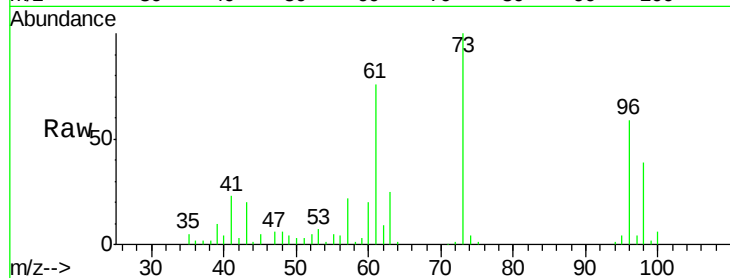
Tgt Ion: 96 Resp: 132014

Ion Ratio Lower Upper

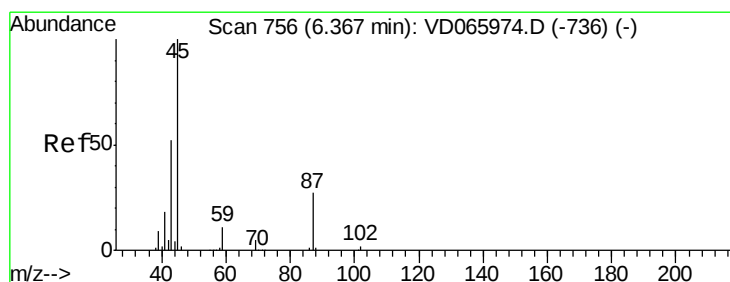
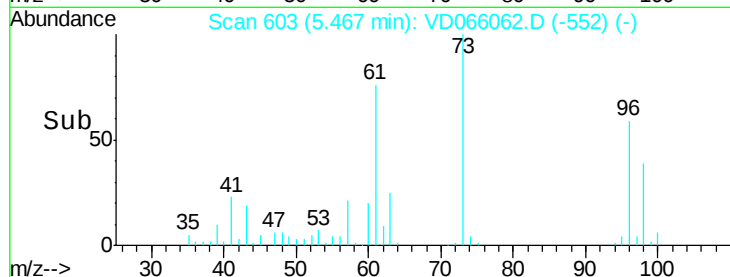
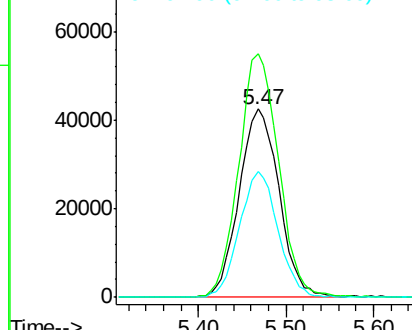
96 100

61 129.3 100.5 150.7

98 66.8 49.7 74.5



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



#22

Diisopropyl ether

Concen: 48.588 ug/l

RT: 6.36 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

Tgt Ion: 45 Resp: 337284

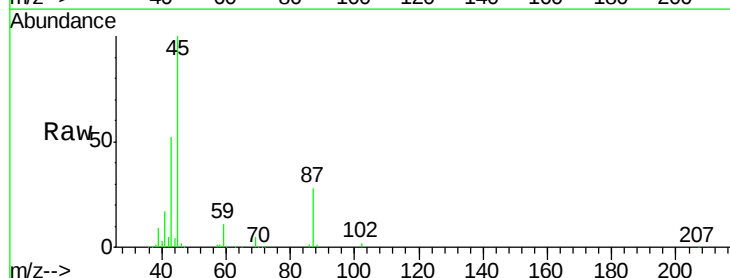
Ion Ratio Lower Upper

45 100

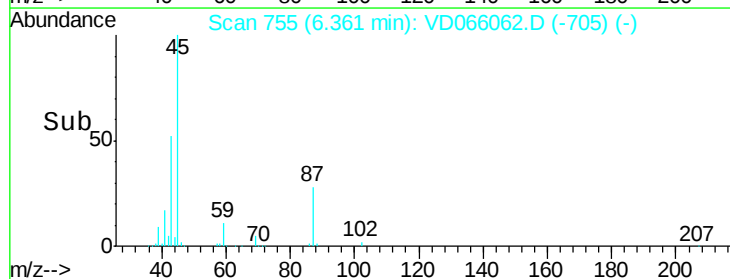
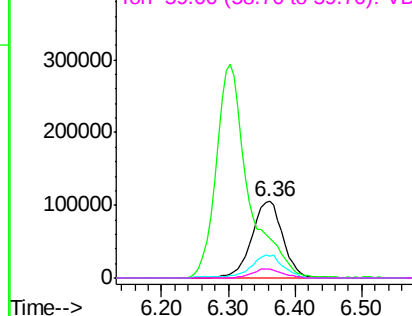
43 51.5 43.0 64.4

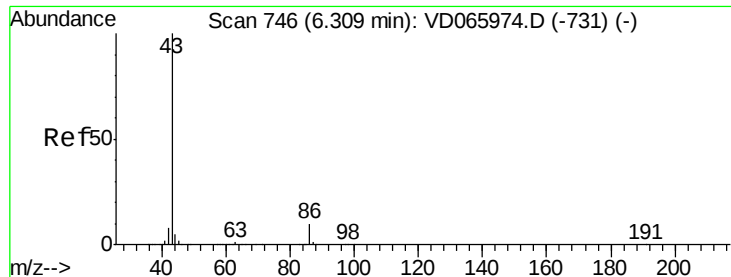
87 27.8 22.0 33.0

59 11.0 9.1 13.7



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: 253.171 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

Instrument :

MSVOA_D

ClientSampleId :

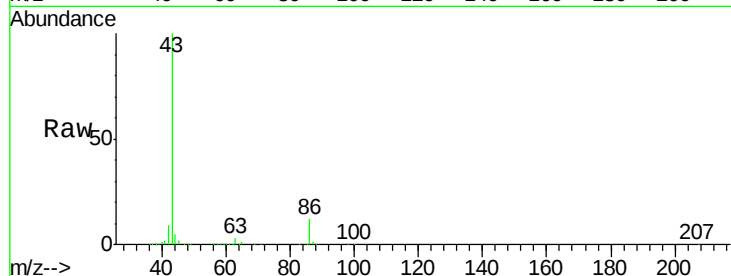
VSTDCCC050

Tgt Ion: 43 Resp: 991136

Ion Ratio Lower Upper

43 100

86 12.1 7.9 11.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

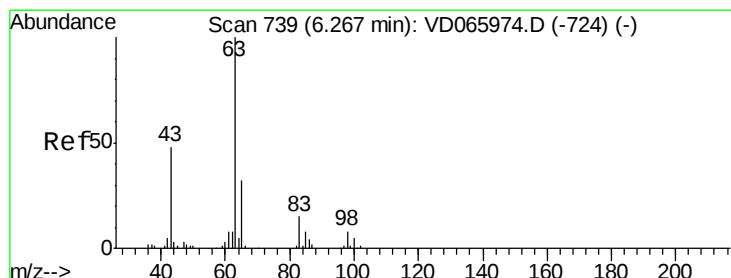
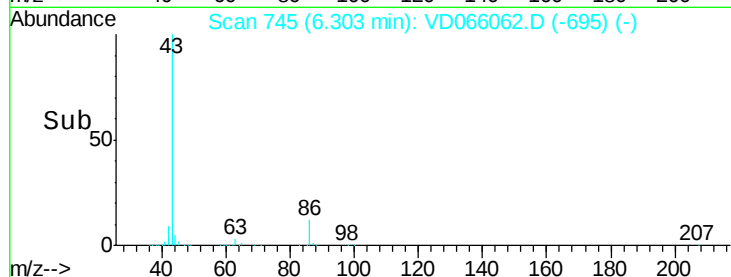
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 49.401 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

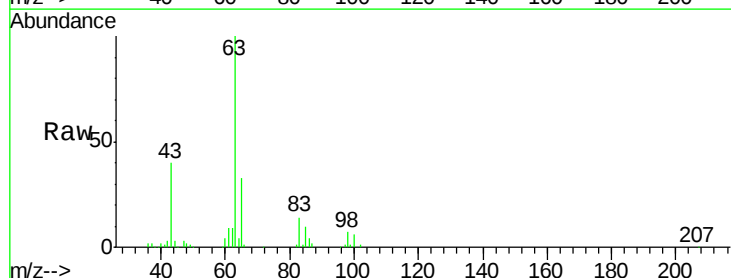
Tgt Ion: 63 Resp: 207783

Ion Ratio Lower Upper

63 100

98 7.1 4.3 12.8

100 5.8 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

80000

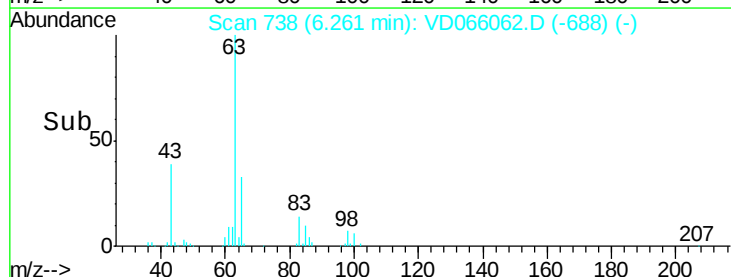
60000

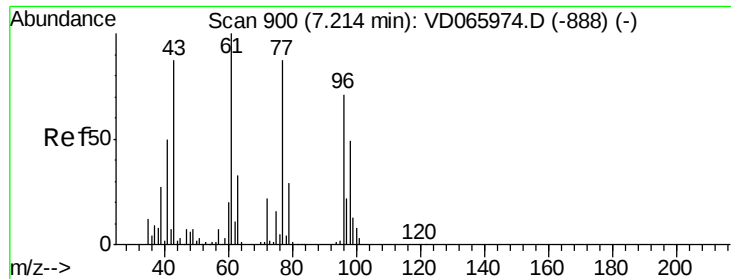
40000

20000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 244.245 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066062.D

Acq: 27 Jul 2020 11:40

Instrument :

MSVOA_D

ClientSampleId :

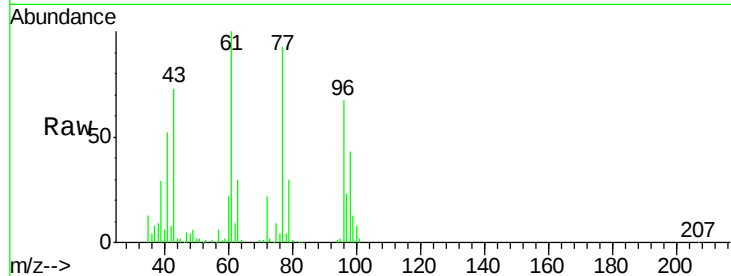
VSTDCCC050

Tgt Ion: 43 Resp: 150906

Ion Ratio Lower Upper

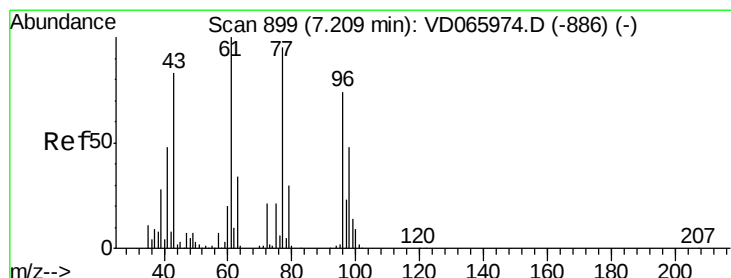
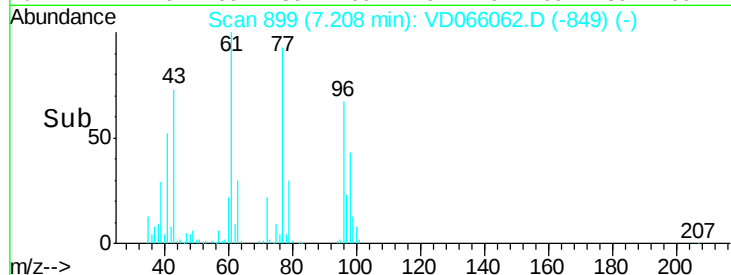
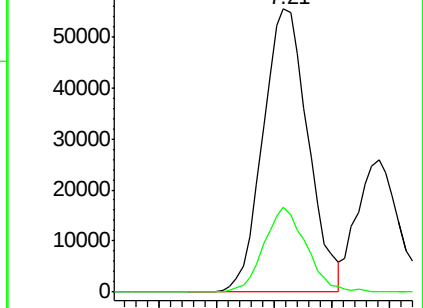
43 100

72 29.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 53.934 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066062.D

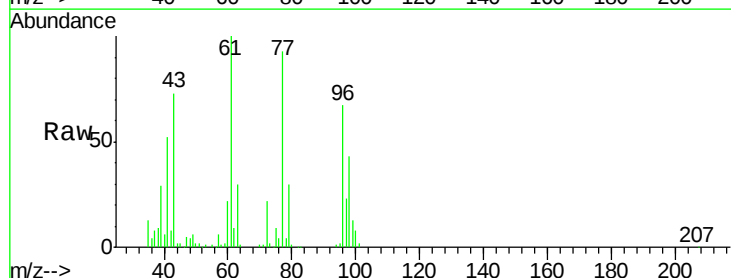
Acq: 27 Jul 2020 11:40

Tgt Ion: 77 Resp: 203996

Ion Ratio Lower Upper

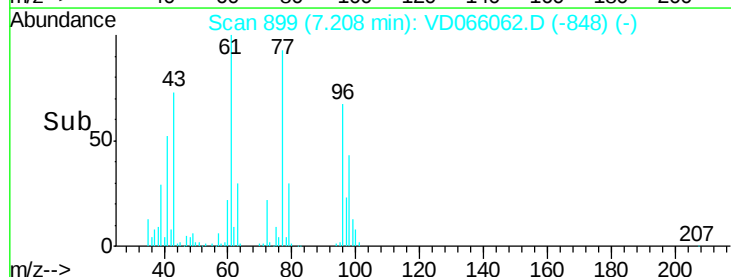
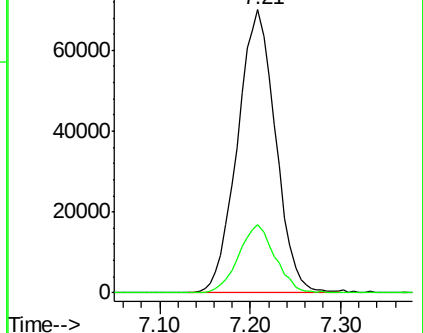
77 100

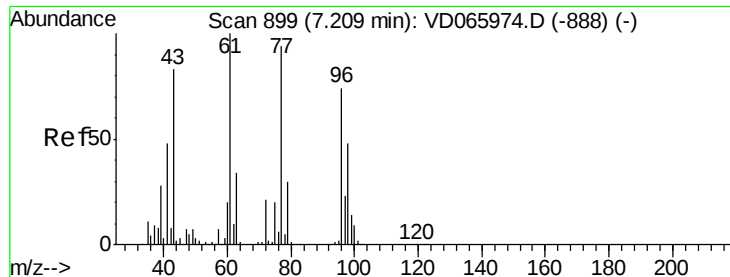
97 23.2 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

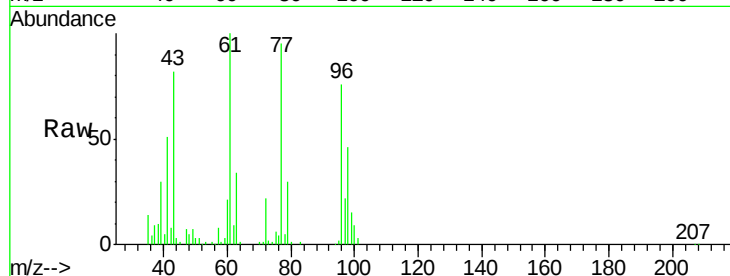




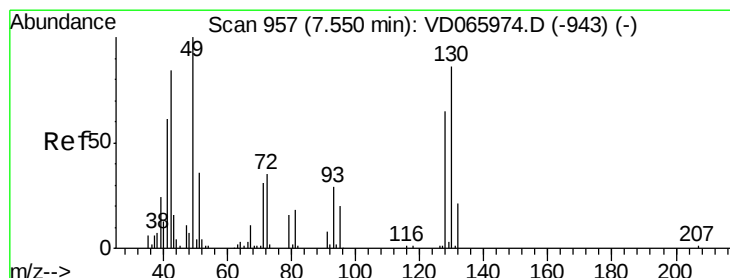
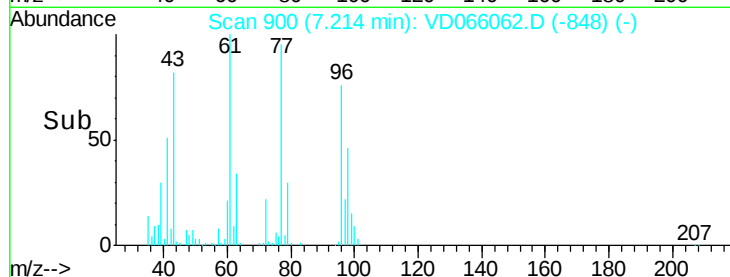
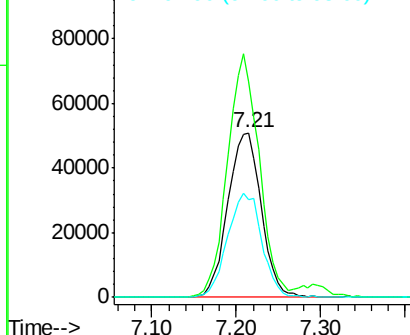
#27
 cis-1,2-Dichloroethene
 Concen: 49.771 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066062.D
 Acq: 27 Jul 2020 11:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 139214
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 276.6
 98 64.9 0.0 130.8

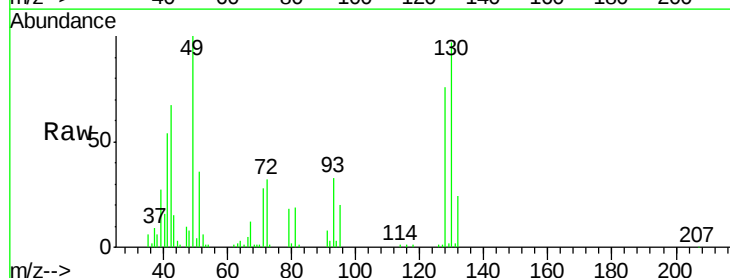


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC

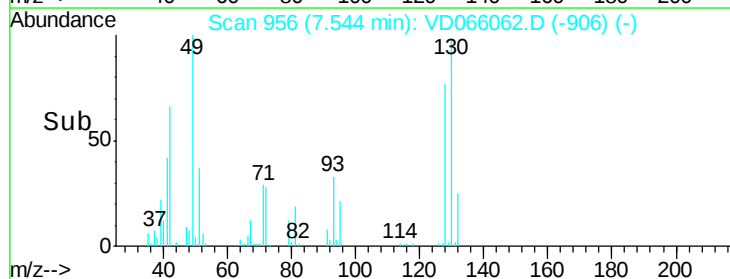
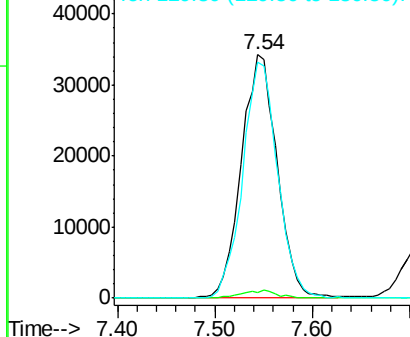


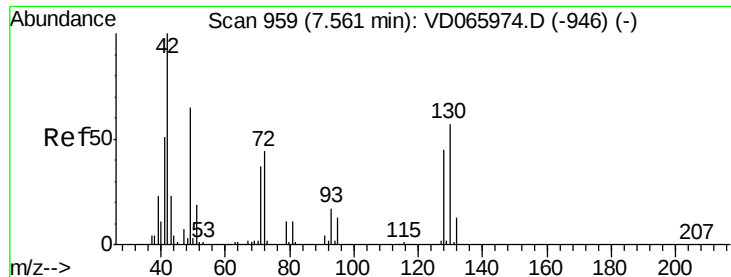
#28
 Bromochloromethane
 Concen: 49.133 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066062.D
 Acq: 27 Jul 2020 11:40

Tgt Ion: 49 Resp: 87711
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 4.8
 130 94.1 68.4 102.6



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

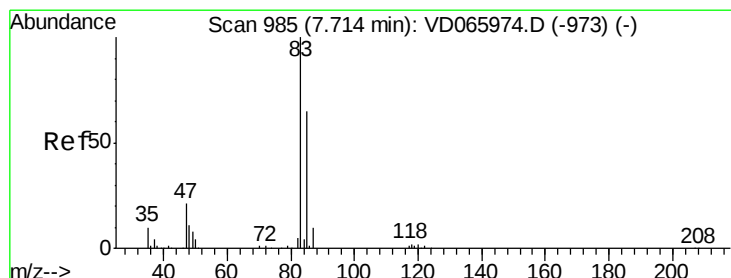
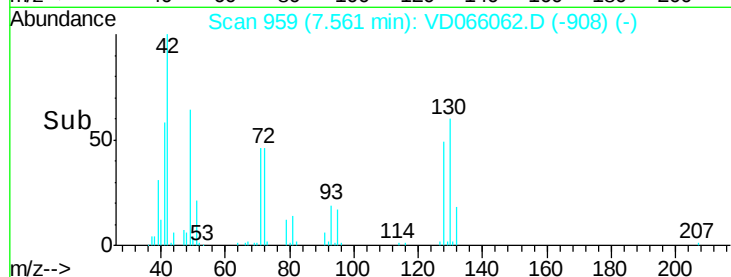
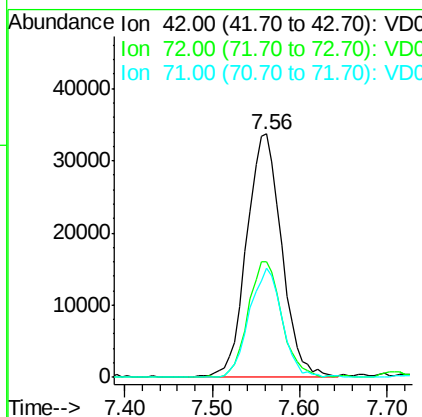
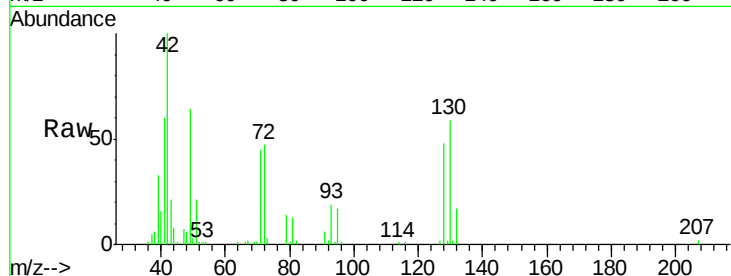




#29
Tetrahydrofuran
Concen: 241.106 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066062.D
Acq: 27 Jul 2020 11:40

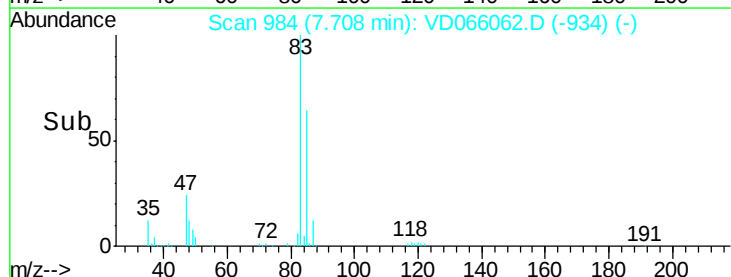
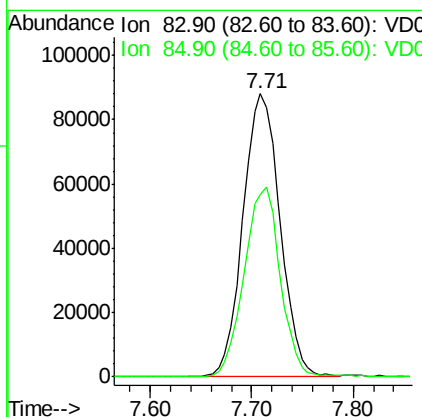
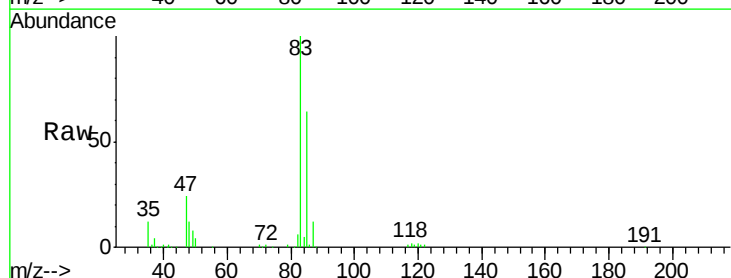
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

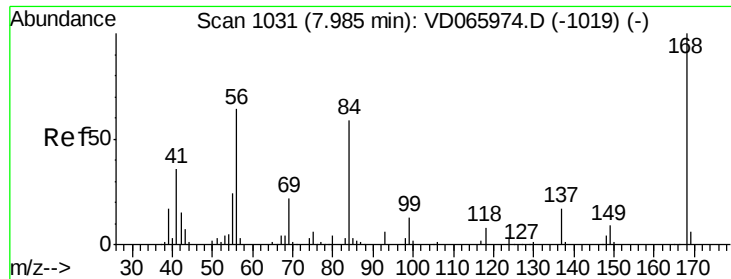
Tgt Ion: 42 Resp: 91913
Ion Ratio Lower Upper
42 100
72 45.3 34.2 51.2
71 41.6 31.4 47.2



#30
Chloroform
Concen: 50.814 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066062.D
Acq: 27 Jul 2020 11:40

Tgt Ion: 83 Resp: 223565
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1

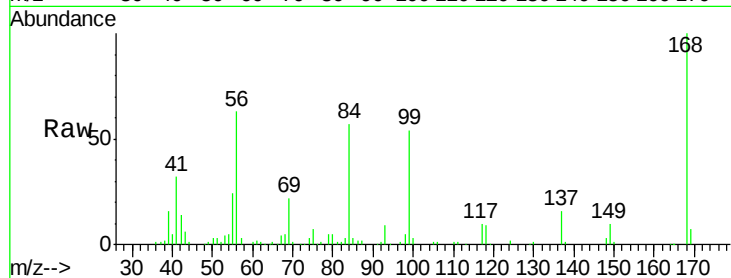




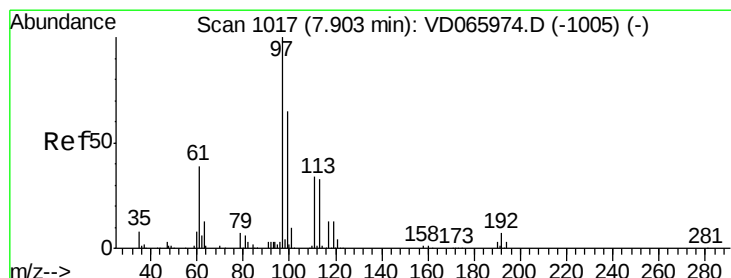
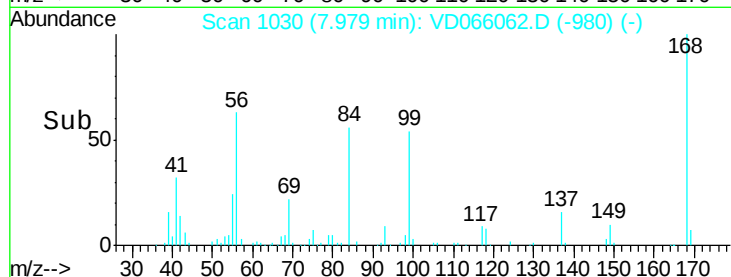
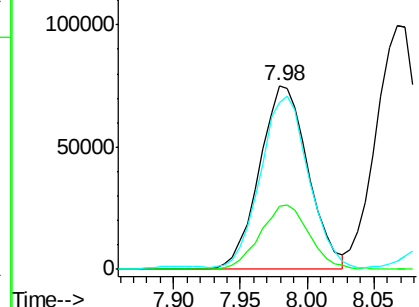
#31
Cyclohexane
Concen: 45.996 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066062.D
Acq: 27 Jul 2020 11:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 190329
Ion Ratio Lower Upper
56 100
69 34.5 28.0 42.0
84 89.4 72.6 109.0

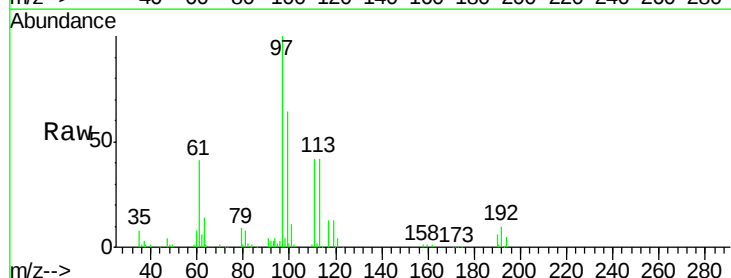


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32
1,1,1-Trichloroethane
Concen: 53.156 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066062.D
Acq: 27 Jul 2020 11:40

Tgt Ion: 97 Resp: 216329
Ion Ratio Lower Upper
97 100
99 65.3 51.8 77.6
61 40.8 33.3 49.9



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

