

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066493.D
 Acq On : 01 Sep 2020 13:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 02 01:14:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	160167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	216203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	195910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	106058	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	87849	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	
35) Dibromofluoromethane	7.91	113	69417	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	10.34	98	262209	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.63	95	92170	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	68375	50.214	ug/l	99
3) Chloromethane	2.21	50	40893	42.368	ug/l	99
4) Vinyl Chloride	2.35	62	53462	51.589	ug/l	98
5) Bromomethane	2.76	94	41772	53.891	ug/l	92
6) Chloroethane	2.91	64	33787	50.917	ug/l	95
7) Trichlorofluoromethane	3.27	101	166431	59.061	ug/l	94
8) Diethyl Ether	3.70	74	32250	51.078	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	4.09	101	72779	52.333	ug/l	97
10) Methyl Iodide	4.30	142	78693	49.613	ug/l	94
11) Tert butyl alcohol	5.21	59	27104	312.002	ug/l #	78
12) 1,1-Dichloroethene	4.07	96	64983	49.780	ug/l	96
13) Acrolein	3.92	56	9769	140.098	ug/l	95
14) Allyl chloride	4.71	41	73982	42.460	ug/l #	77
15) Acrylonitrile	5.42	53	57845	228.342	ug/l	98
16) Acetone	4.16	43	78735	278.122	ug/l #	88
17) Carbon Disulfide	4.40	76	171661	43.391	ug/l	99
18) Methyl Acetate	4.71	43	24143	45.439	ug/l #	85
19) Methyl tert-butyl Ether	5.48	73	172783	54.968	ug/l	99
20) Methylene Chloride	4.96	84	77312	51.266	ug/l #	91
21) trans-1,2-Dichloroethene	5.47	96	76128	50.098	ug/l	97
22) Diisopropyl ether	6.36	45	146452	43.413	ug/l #	92
23) Vinyl Acetate	6.31	43	484132	231.819	ug/l #	93
24) 1,1-Dichloroethane	6.26	63	113942	47.795	ug/l	98
25) 2-Butanone	7.21	43	75331	234.397	ug/l	95
26) 2,2-Dichloropropane	7.21	77	151091	59.132	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	82369	50.588	ug/l	98
28) Bromochloromethane	7.54	49	33789	41.147	ug/l	83
29) Tetrahydrofuran	7.56	42	39050	213.924	ug/l	88
30) Chloroform	7.71	83	152166	55.168	ug/l	98
31) Cyclohexane	7.98	56	88743	40.702	ug/l	88
32) 1,1,1-Trichloroethane	7.90	97	169073	59.892	ug/l	99
36) 1,1-Dichloropropene	8.11	75	105950	53.708	ug/l	99
37) Ethyl Acetate	7.29	43	30846	45.974	ug/l #	91
38) Carbon Tetrachloride	8.09	117	164458	63.988	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	124757	53.686	ug/l	93
40) Benzene	8.34	78	269840	51.996	ug/l	95
41) Methacrylonitrile	7.52	41	21649m	52.322	ug/l	
42) 1,2-Dichloroethane	8.42	62	114087	62.418	ug/l	99
43) Isopropyl Acetate	8.44	43	65647	48.747	ug/l #	57
44) Trichloroethene	9.11	130	92641	54.938	ug/l	93
45) 1,2-Dichloropropane	9.38	63	53604	45.562	ug/l	98
46) Dibromomethane	9.47	93	38855	53.043	ug/l	95
47) Bromodichloromethane	9.66	83	118411	58.780	ug/l	97
48) Methyl methacrylate	9.46	41	34468	49.634	ug/l #	90
49) 1,4-Dioxane	9.46	88	9239	1086.212	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	157560	241.851	ug/l	99
52) Toluene	10.40	92	192839	54.847	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	108142	56.575	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	114158	53.207	ug/l #	87
55) 1,1,2-Trichloroethane	10.80	97	50162	50.584	ug/l	92
56) Ethyl methacrylate	10.66	69	59895	52.175	ug/l #	90
57) 1,3-Dichloropropane	10.94	76	82799	50.478	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	104739	219.679	ug/l	89
59) 2-Hexanone	10.98	43	116850	254.282	ug/l	99
60) Dibromochloromethane	11.14	129	85166	56.976	ug/l	96
61) 1,2-Dibromoethane	11.24	107	51082	52.344	ug/l	94
64) Tetrachloroethene	10.87	164	85515	57.541	ug/l	96
65) Chlorobenzene	11.67	112	215634	55.324	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	92750	58.229	ug/l	95
67) Ethyl Benzene	11.74	91	392003	57.136	ug/l	94
68) m/p-Xylenes	11.86	106	295834	113.128	ug/l	94
69) o-Xylene	12.18	106	136240	56.003	ug/l	99
70) Styrene	12.19	104	236873	56.707	ug/l	97
71) Bromoform	12.36	173	50583	55.974	ug/l #	99
73) Isopropylbenzene	12.48	105	402319	56.627	ug/l	98
74) N-amyl acetate	12.29	43	60723	47.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	45406	44.738	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	42445m	56.887	ug/l	
77) Bromobenzene	12.76	156	95734	53.089	ug/l	95
78) n-propylbenzene	12.82	91	435306	53.436	ug/l	96
79) 2-Chlorotoluene	12.91	91	249311	53.584	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	351401	57.284	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	17733	50.449	ug/l #	80
82) 4-Chlorotoluene	13.01	91	267250	54.216	ug/l	97
83) tert-Butylbenzene	13.23	119	301224	56.534	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	345283	57.307	ug/l	99
85) sec-Butylbenzene	13.40	105	393212	56.326	ug/l	98
86) p-Isopropyltoluene	13.52	119	386888	57.475	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	185997	55.255	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	185026	54.744	ug/l	99
89) n-Butylbenzene	13.84	91	325638	54.820	ug/l	98
90) Hexachloroethane	14.11	117	69291	52.109	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	159457	55.027	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12480	58.628	ug/l	84

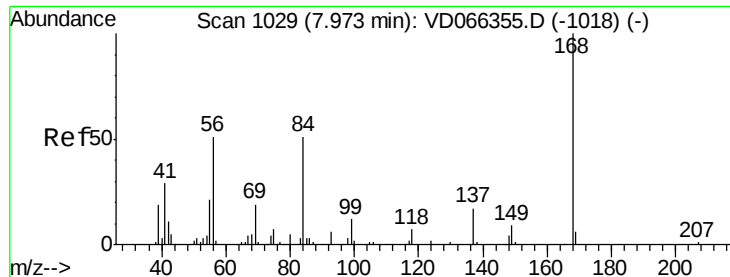
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	127668	56.434	ug/l	98
94) Hexachlorobutadiene	15.27	225	82385	58.601	ug/l	99
95) Naphthalene	15.41	128	206275	58.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	109124	56.309	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

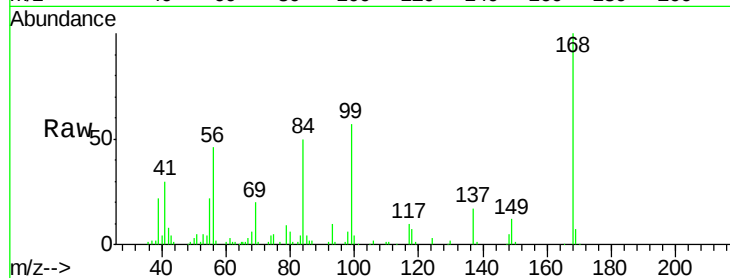
VSTDCCC050

Tot Ion:168 Resp: 160167

Ion Ratio Lower Upper

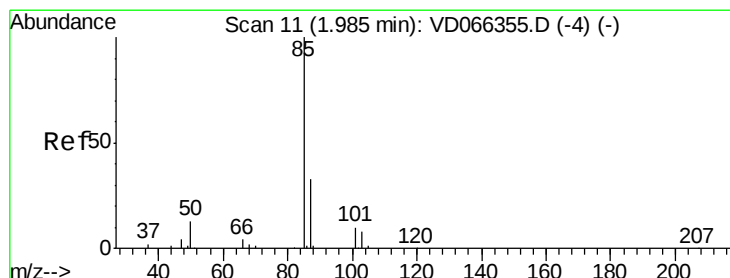
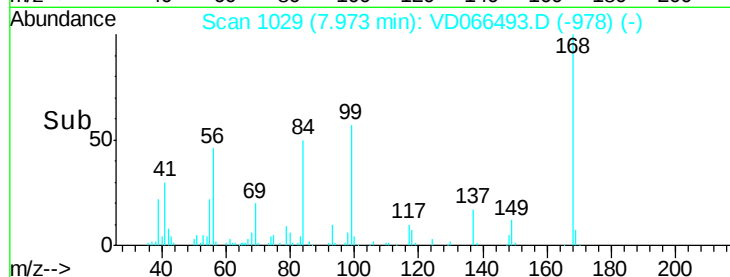
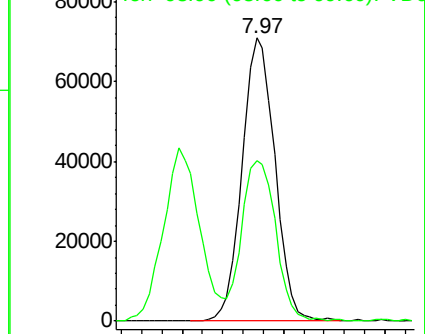
168 100

99 56.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 50.214 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066493.D

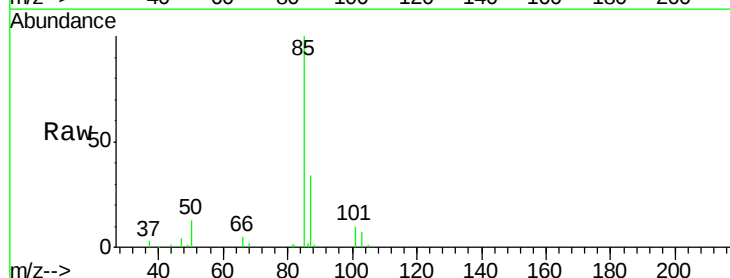
Acq: 01 Sep 2020 13:54

Tgt Ion: 85 Resp: 68375

Ion Ratio Lower Upper

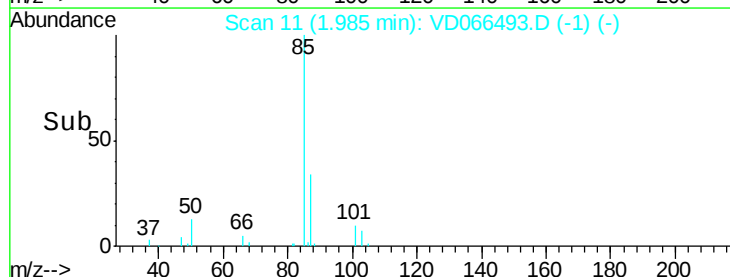
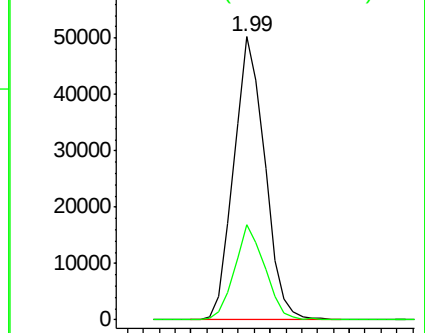
85 100

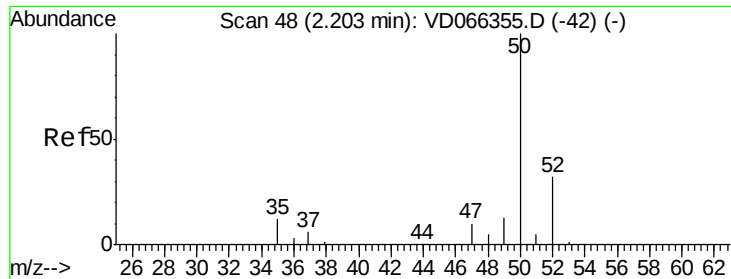
87 33.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.368 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

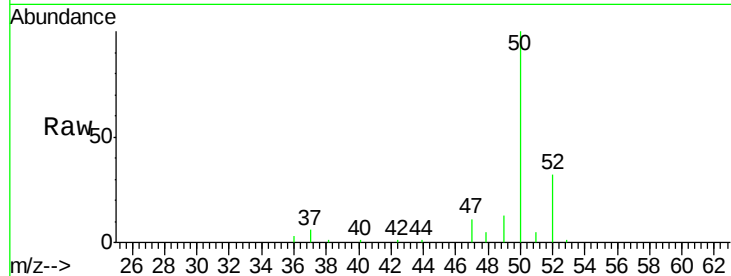
VSTDCCC050

Tot Ion: 50 Resp: 40893

Ion Ratio Lower Upper

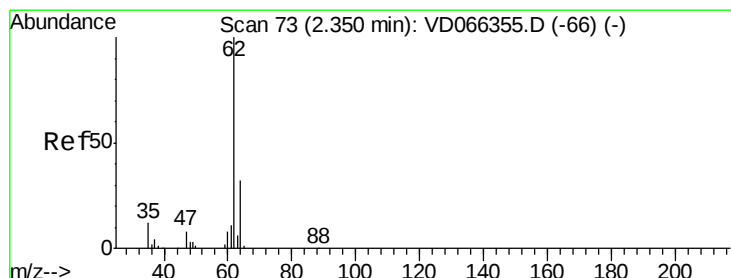
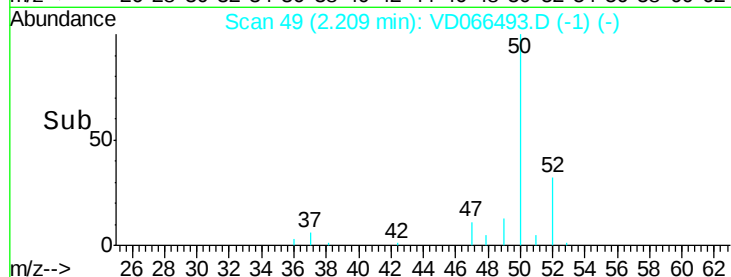
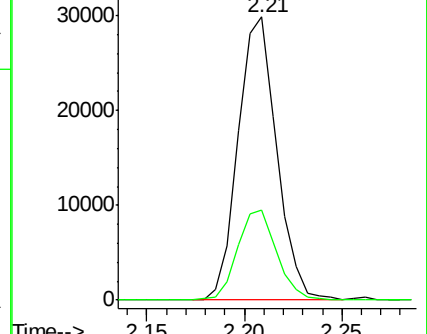
50 100

52 31.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.589 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066493.D

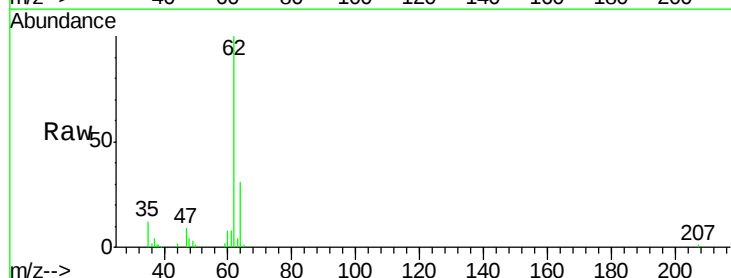
Acq: 01 Sep 2020 13:54

Tgt Ion: 62 Resp: 53462

Ion Ratio Lower Upper

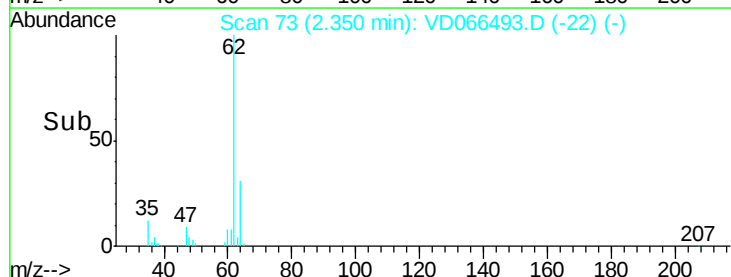
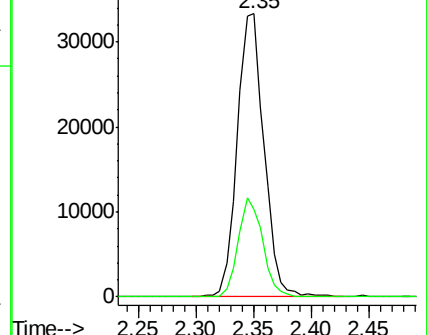
62 100

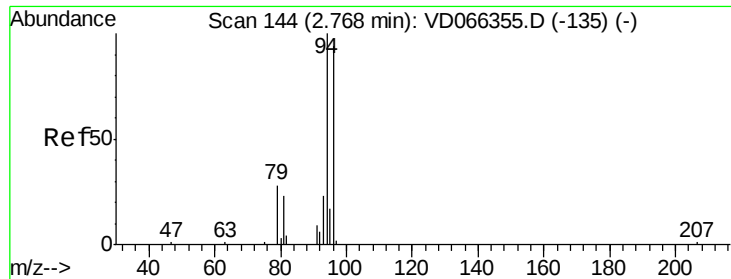
64 30.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 53.891 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

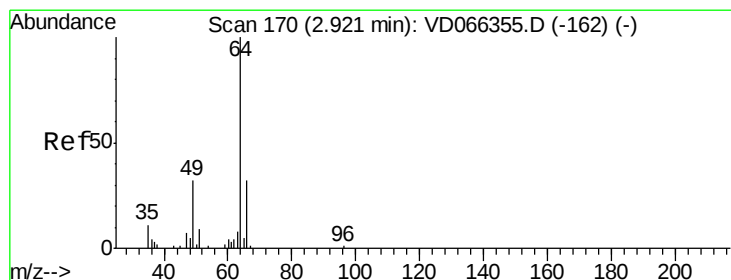
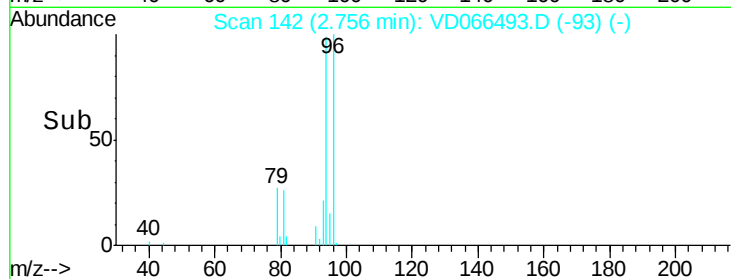
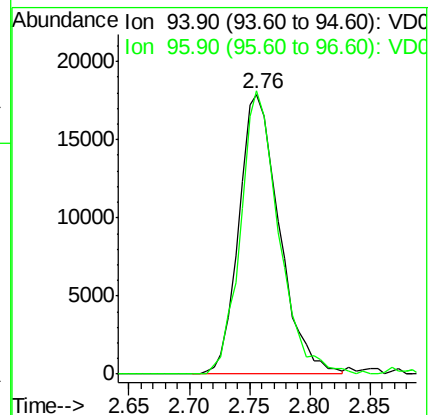
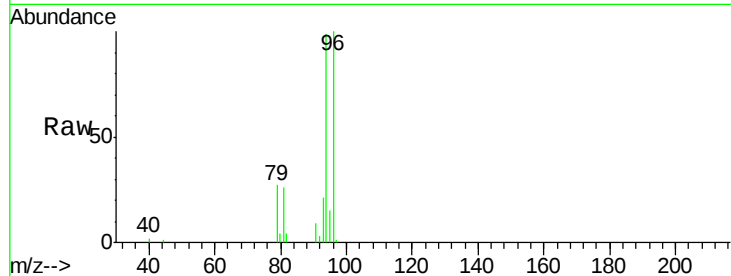
VSTDCCC050

Tot Ion: 94 Resp: 41772

Ion Ratio Lower Upper

94 100

96 101.3 75.0 112.4



#6

Chloroethane

Concen: 50.917 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066493.D

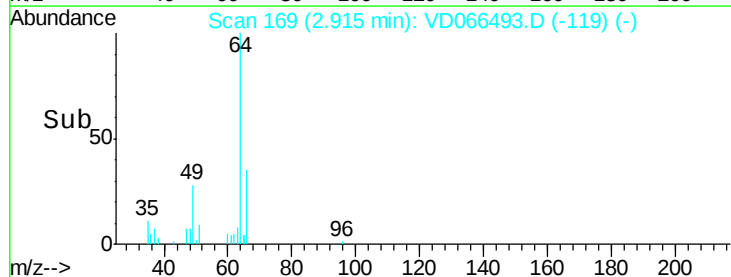
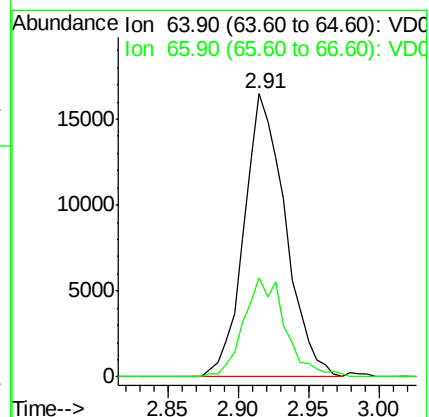
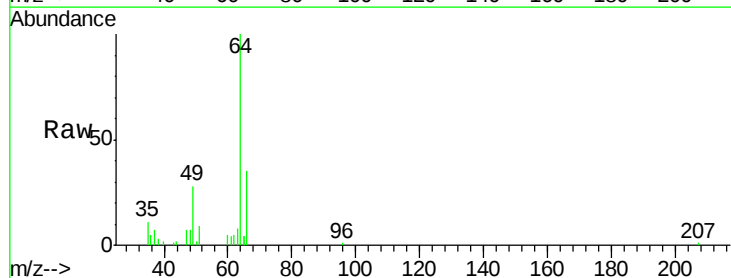
Acq: 01 Sep 2020 13:54

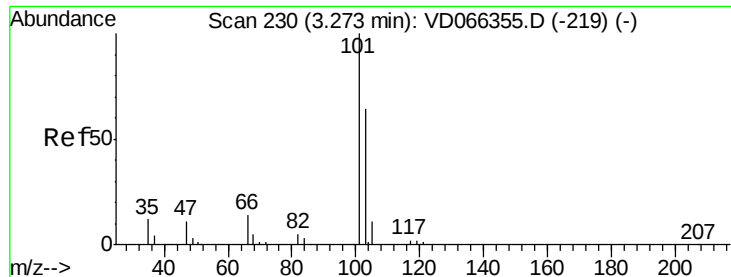
Tgt Ion: 64 Resp: 33787

Ion Ratio Lower Upper

64 100

66 34.9 25.9 38.9



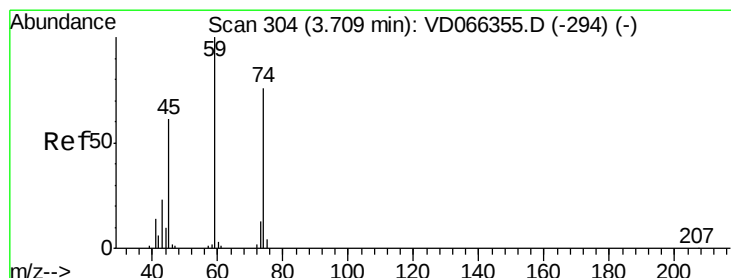
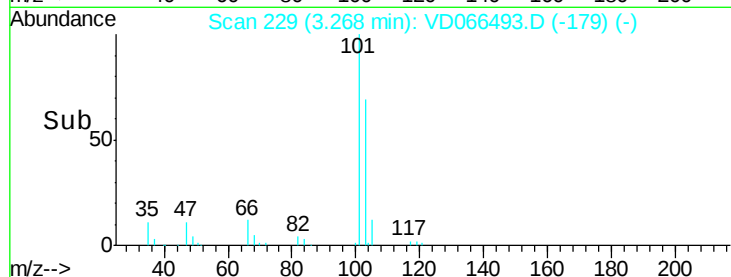
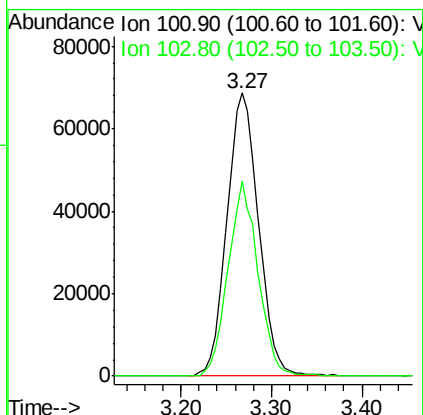
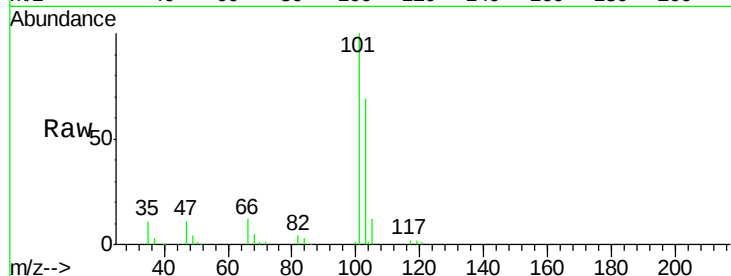


#7

Trichlorofluoromethane
 Concen: 59.061 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Instrument :
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 VSTDCCC050

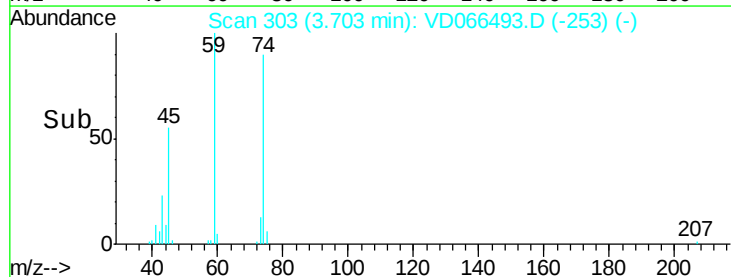
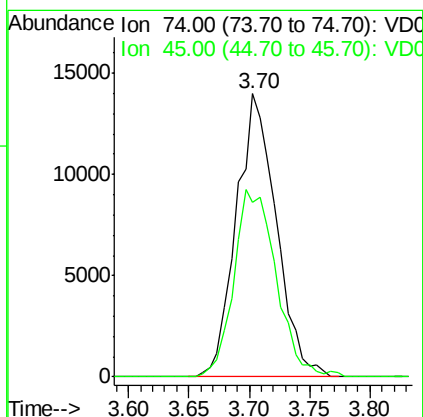
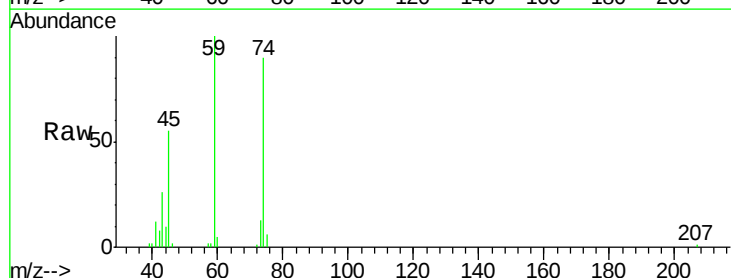
Tot Ion:101 Resp: 166431
 Ion Ratio Lower Upper
 101 100
 103 68.9 51.4 77.0

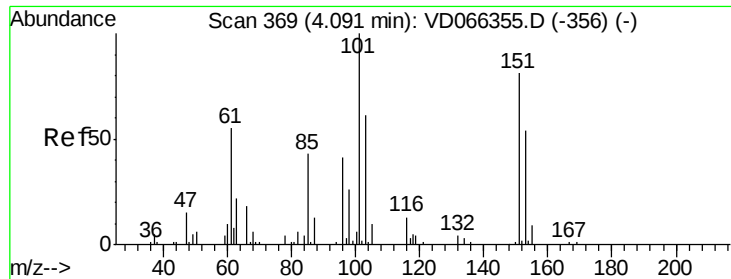


#8

Diethyl Ether
 Concen: 51.078 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion: 74 Resp: 32250
 Ion Ratio Lower Upper
 74 100
 45 69.8 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.333 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

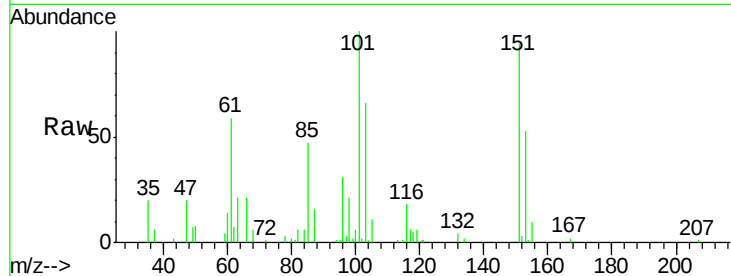
Tot Ion:101 Resp: 72779

Ion Ratio Lower Upper

101 100

85 46.1 36.4 54.6

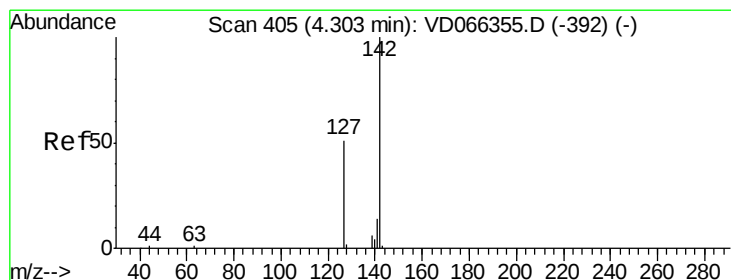
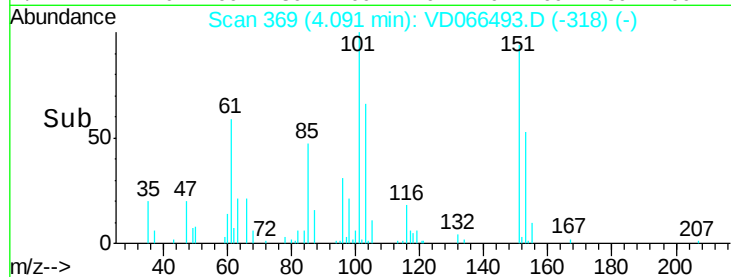
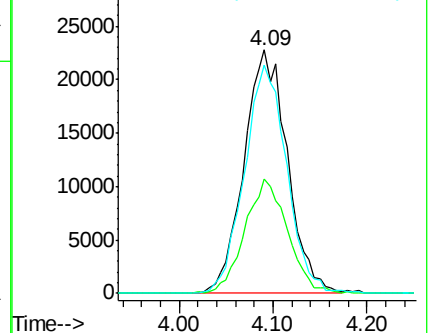
151 91.6 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.613 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

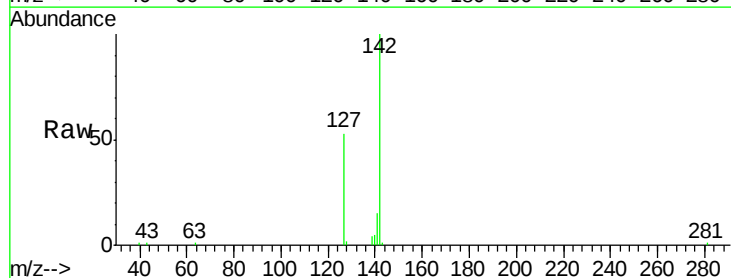
Tgt Ion:142 Resp: 78693

Ion Ratio Lower Upper

142 100

127 57.4 41.8 62.8

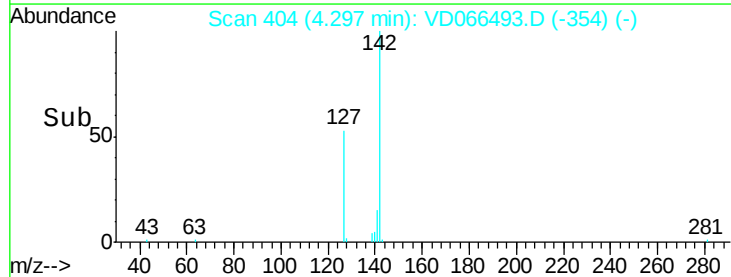
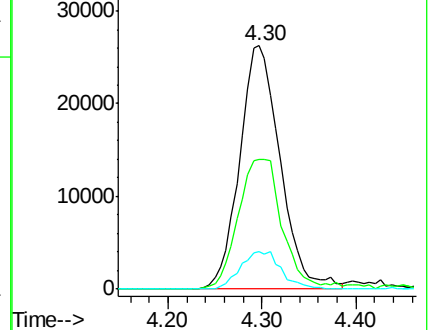
141 15.3 11.8 17.6

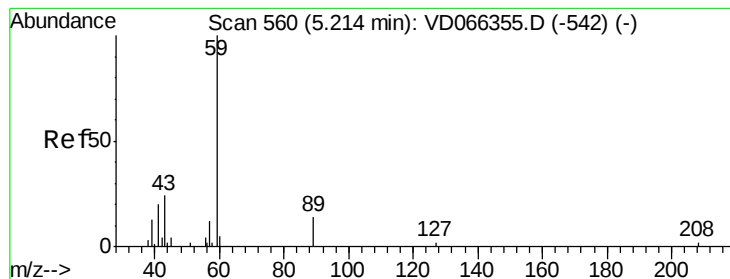


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



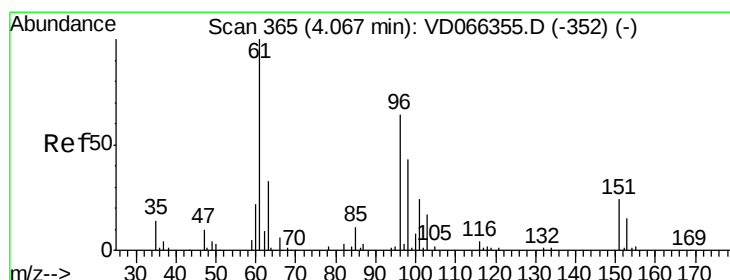
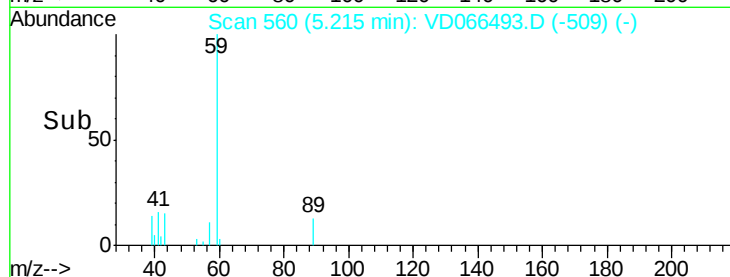
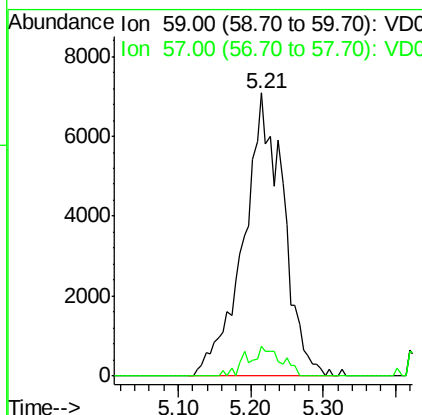
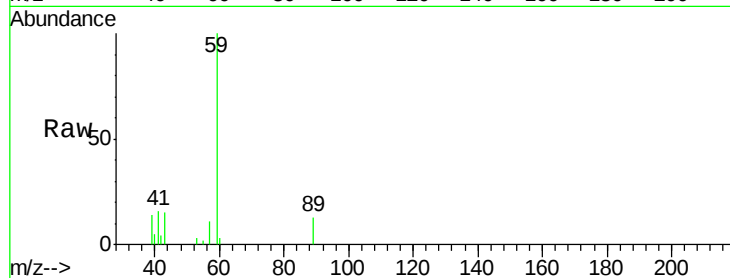


#11

Tert butyl alcohol
 Concen: 312.002 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

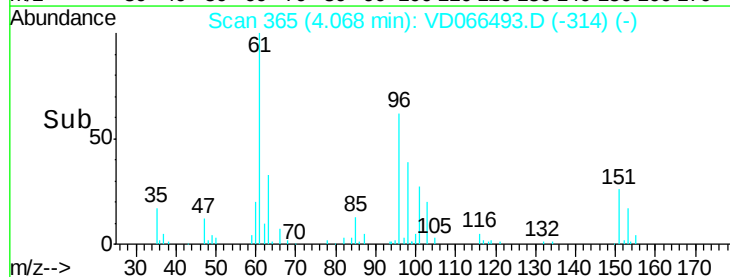
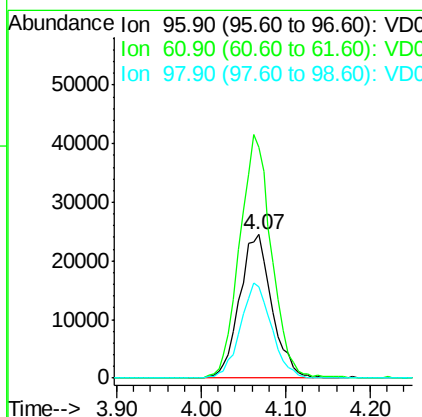
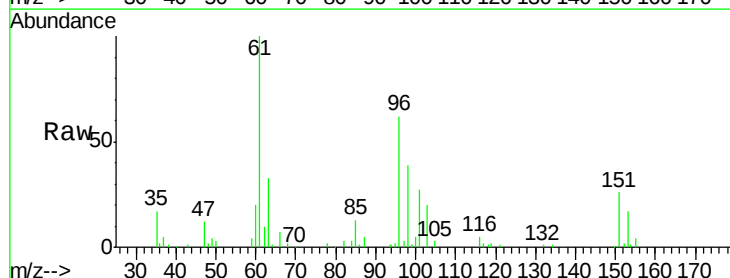
Tot Ion: 59 Resp: 27104
 Ion Ratio Lower Upper
 59 100
 57 2.9 9.0 13.4#

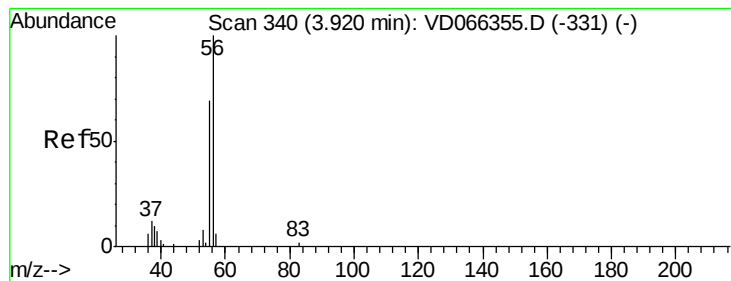


#12

1,1-Dichloroethene
 Concen: 49.780 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion: 96 Resp: 64983
 Ion Ratio Lower Upper
 96 100
 61 161.2 124.3 186.5
 98 63.2 53.2 79.8





#13

Acrolein

Concen: 140.098 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

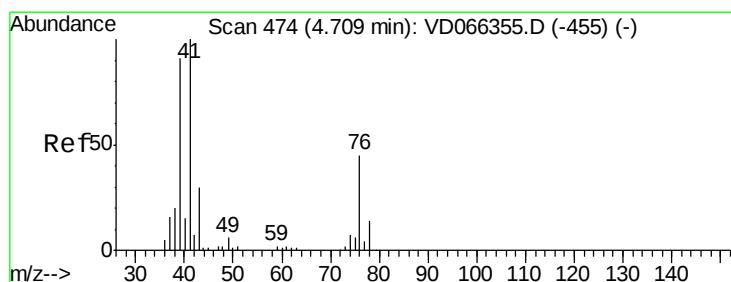
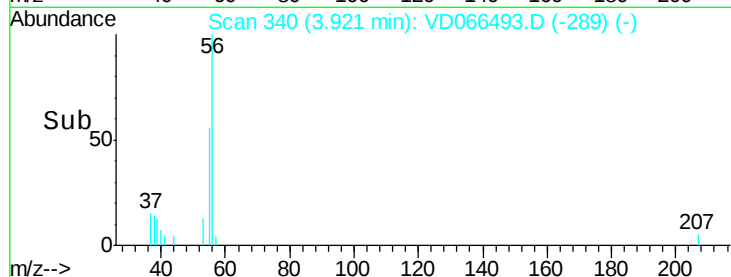
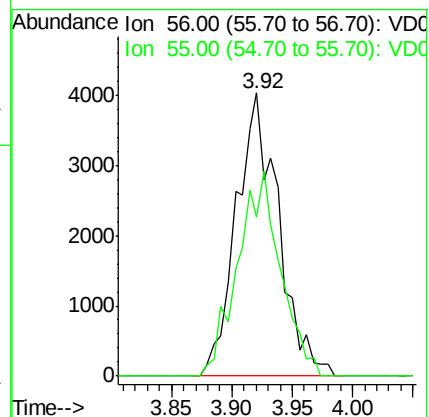
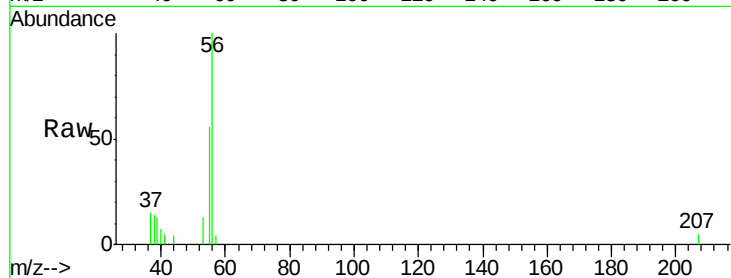
VSTDCCC050

Tot Ion: 56 Resp: 9769

Ion Ratio Lower Upper

56 100

55 73.6 55.5 83.3



#14

Allyl chloride

Concen: 42.460 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

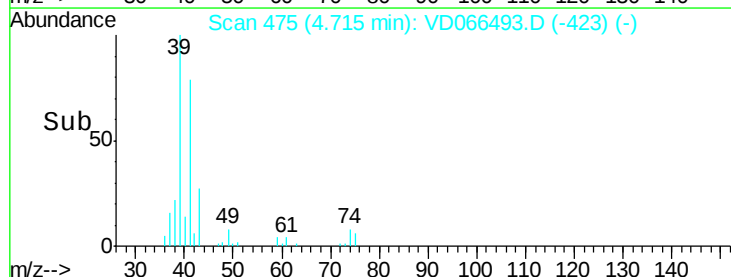
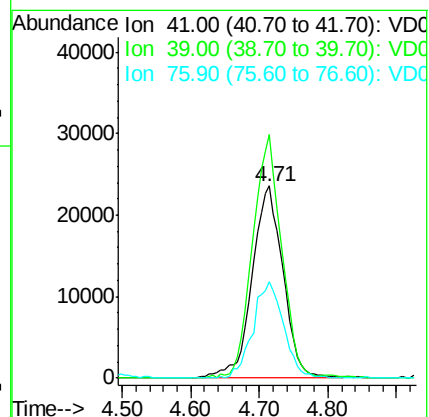
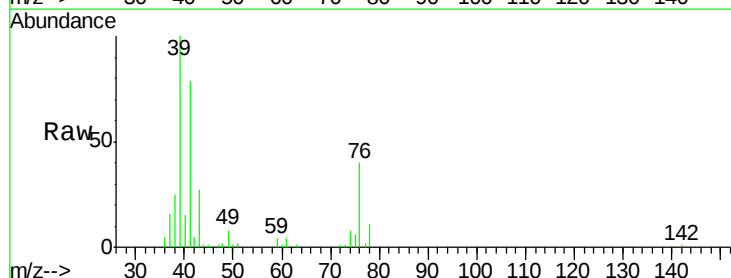
Tgt Ion: 41 Resp: 73982

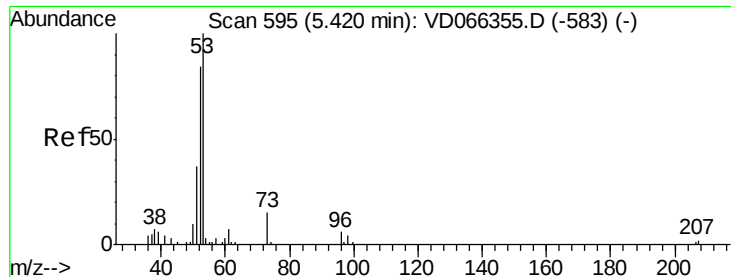
Ion Ratio Lower Upper

41 100

39 118.4 72.8 109.2#

76 49.7 34.0 51.0





#15

Acrylonitrile

Concen: 228.342 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

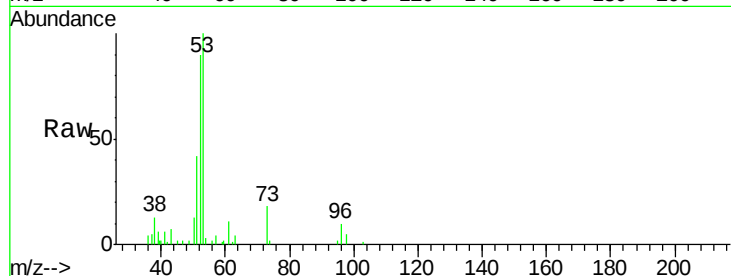
Tot Ion: 53 Resp: 57845

Ion Ratio Lower Upper

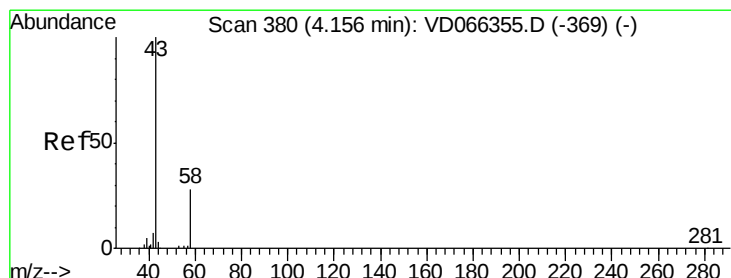
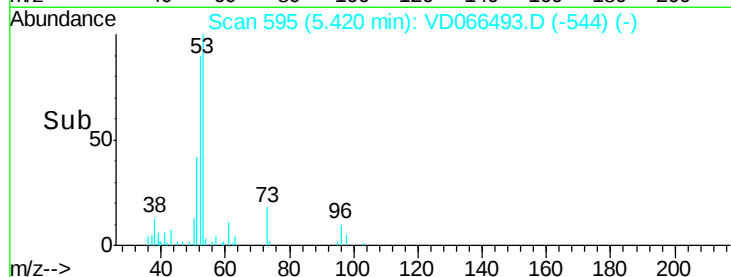
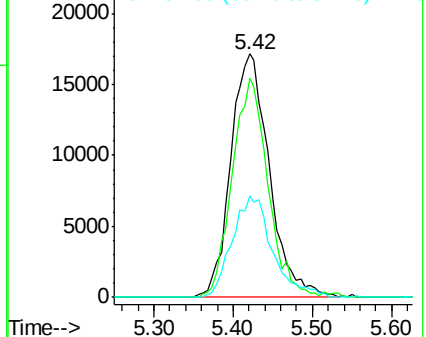
53 100

52 82.9 68.1 102.1

51 43.4 33.8 50.6



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: 278.122 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066493.D

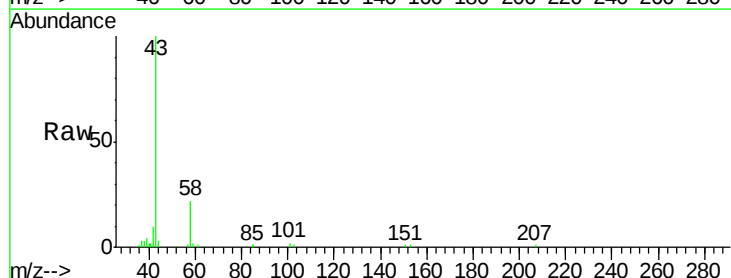
Acq: 01 Sep 2020 13:54

Tgt Ion: 43 Resp: 78735

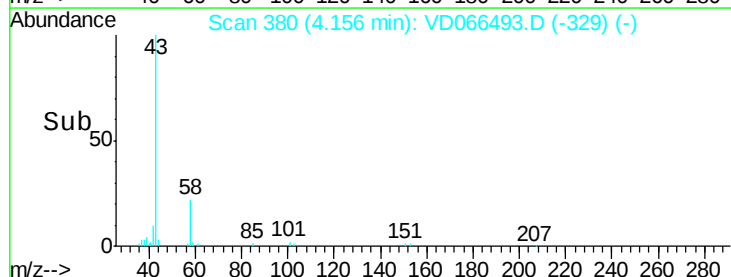
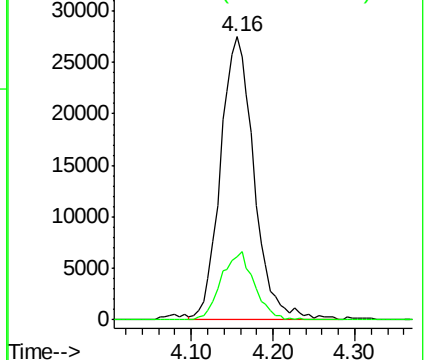
Ion Ratio Lower Upper

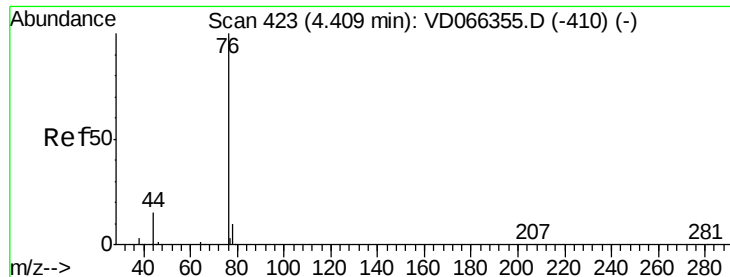
43 100

58 22.2 22.7 34.1#



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

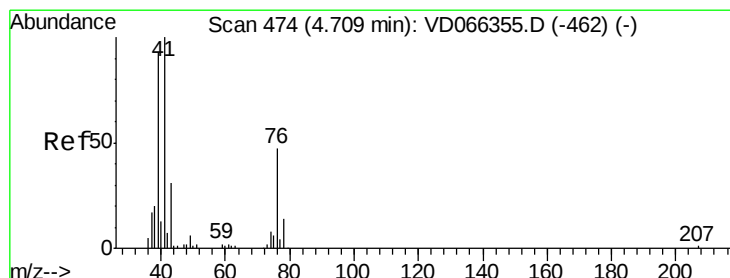
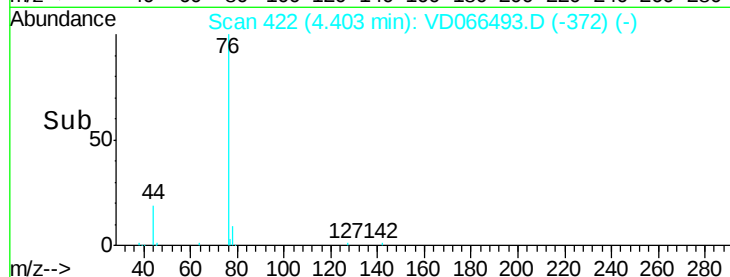
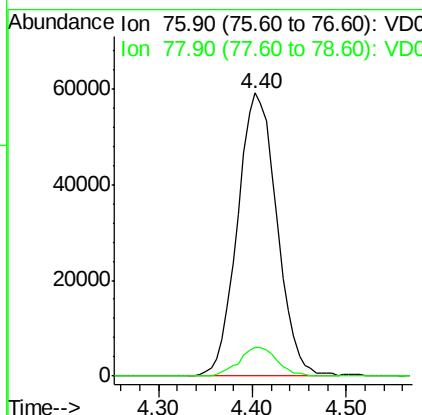
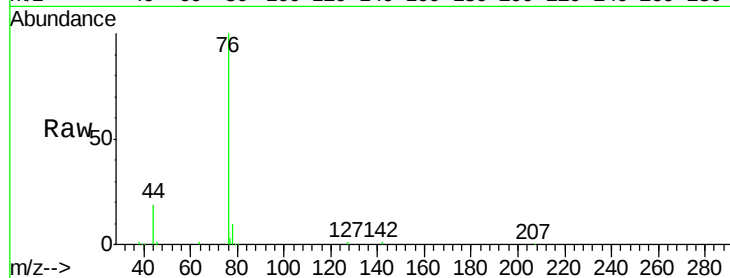




#17
Carbon Disulfide
Concen: 43.391 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

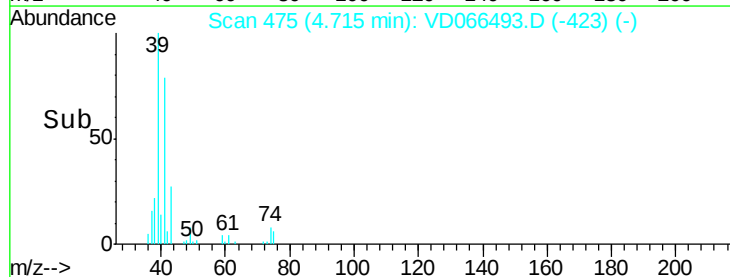
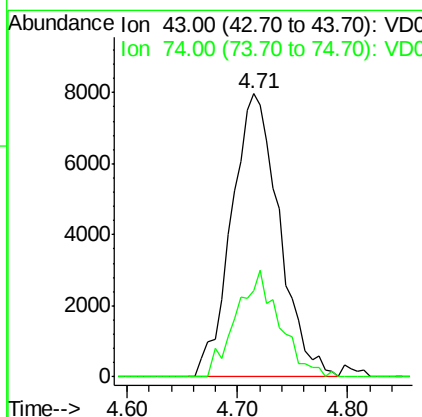
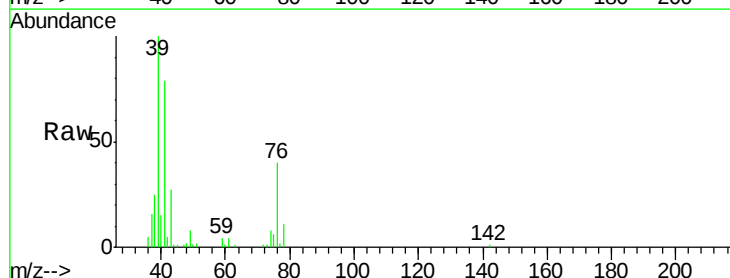
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

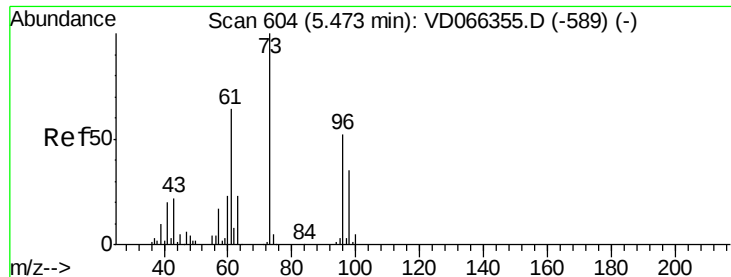
Tot Ion: 76 Resp: 171661
Ion Ratio Lower Upper
76 100
78 9.9 7.7 11.5



#18
Methyl Acetate
Concen: 45.439 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 43 Resp: 24143
Ion Ratio Lower Upper
43 100
74 34.1 21.0 31.6#

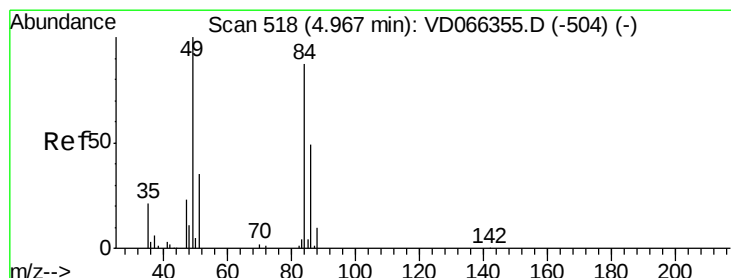
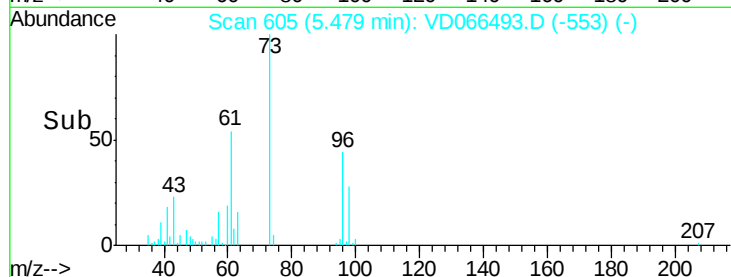
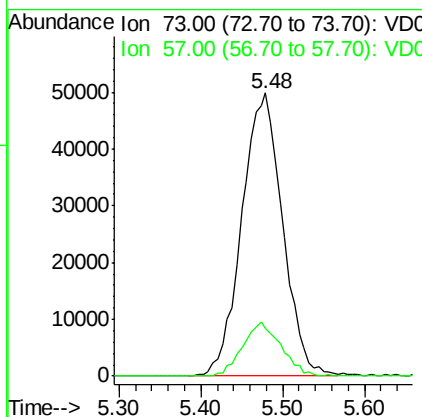
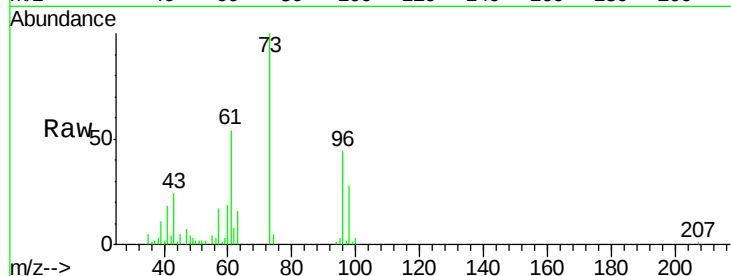




#19
Methyl tert-butyl Ether
Concen: 54.968 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

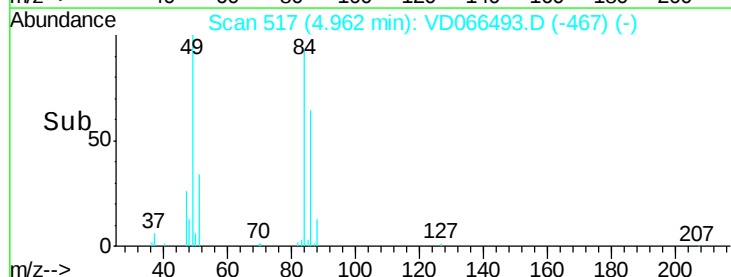
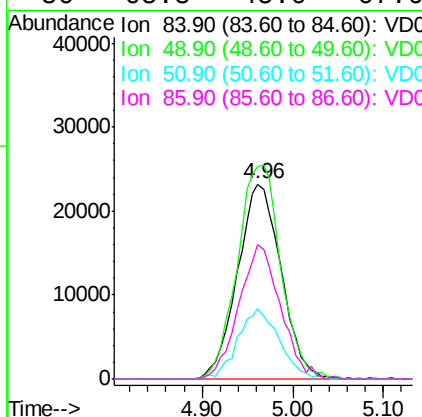
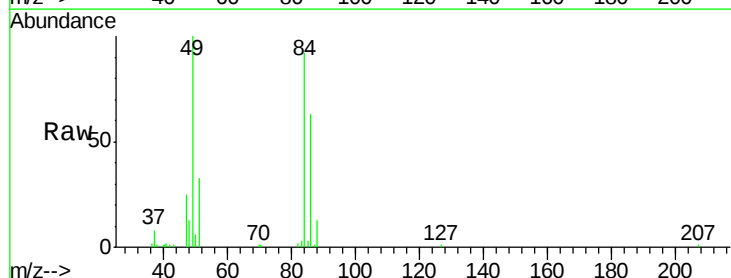
Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050

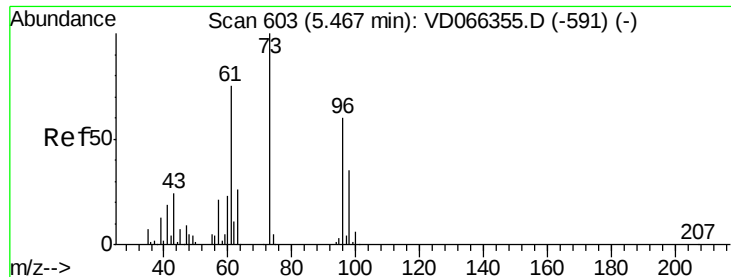
Tot Ion: 73 Resp: 172783
Ion Ratio Lower Upper
73 100
57 16.8 13.8 20.6



#20
Methylene Chloride
Concen: 51.266 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 84 Resp: 77312
Ion Ratio Lower Upper
84 100
49 108.8 92.5 138.7
51 36.2 32.5 48.7
86 68.8 45.0 67.6#





#21

trans-1,2-Dichloroethene

Concen: 50.098 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

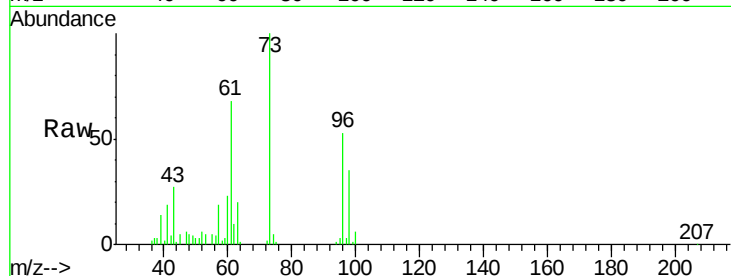
Tot Ion: 96 Resp: 76128

Ion Ratio Lower Upper

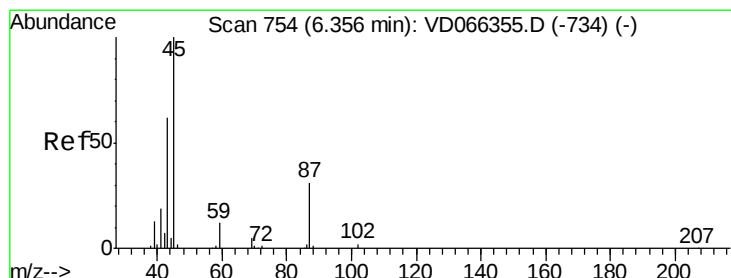
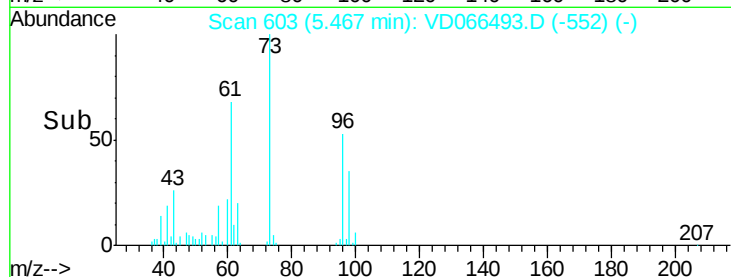
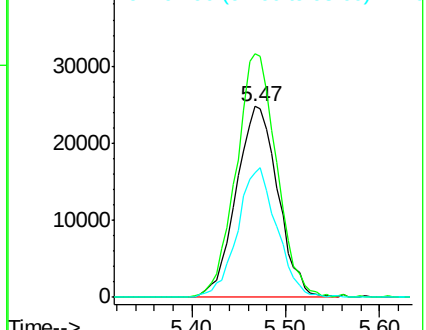
96 100

61 127.5 101.1 151.7

98 65.5 47.0 70.6



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



#22

Diisopropyl ether

Concen: 43.413 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Tgt Ion: 45 Resp: 146452

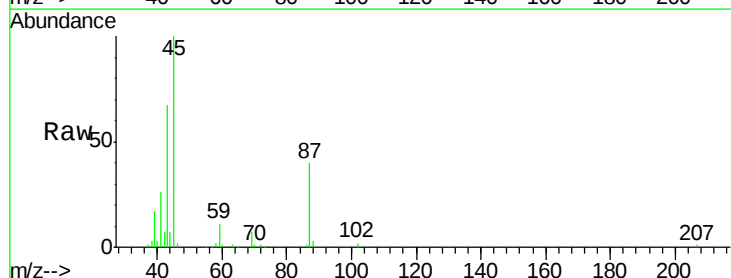
Ion Ratio Lower Upper

45 100

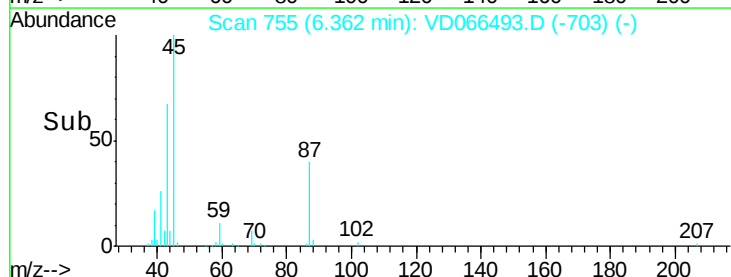
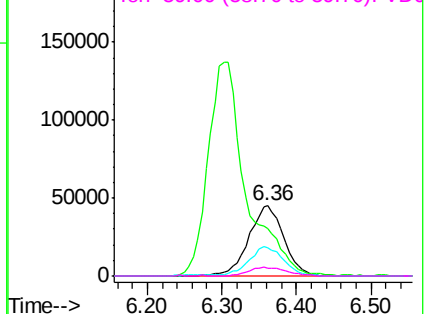
43 66.5 49.8 74.8

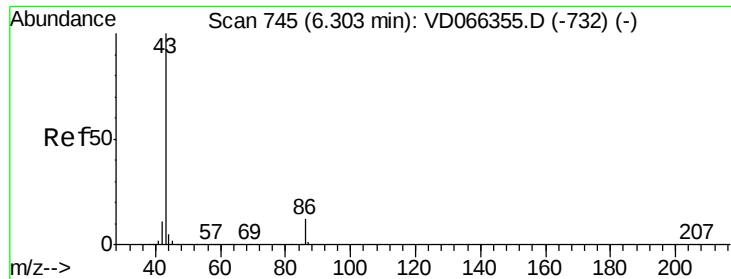
87 39.8 25.0 37.6#

59 11.0 9.6 14.4



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: 231.819 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

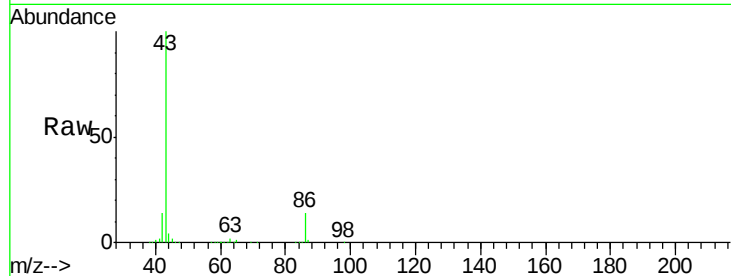
VSTDCCC050

Tot Ion: 43 Resp: 484132

Ion Ratio Lower Upper

43 100

86 14.4 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

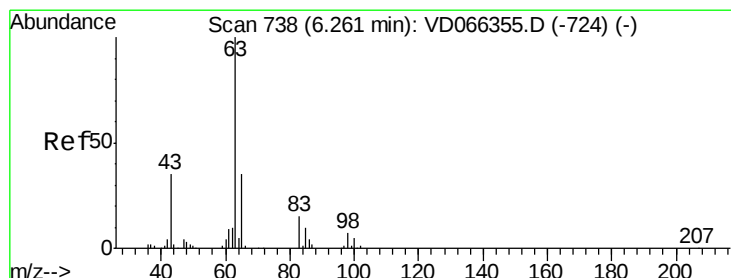
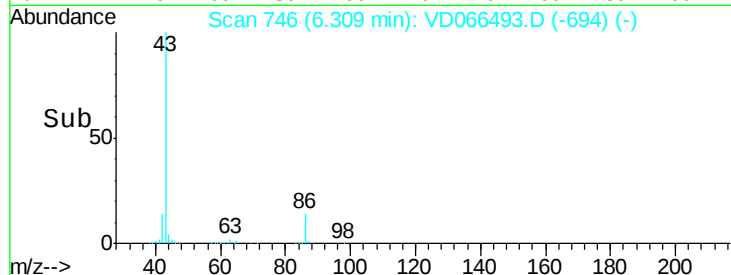
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.795 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

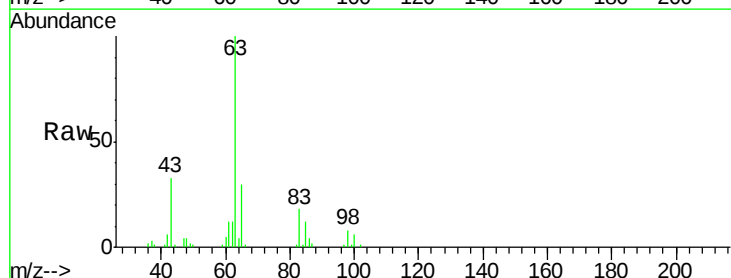
Tgt Ion: 63 Resp: 113942

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.6

100 5.8 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

50000

40000

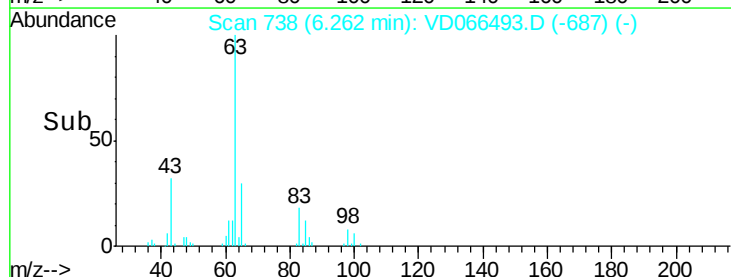
30000

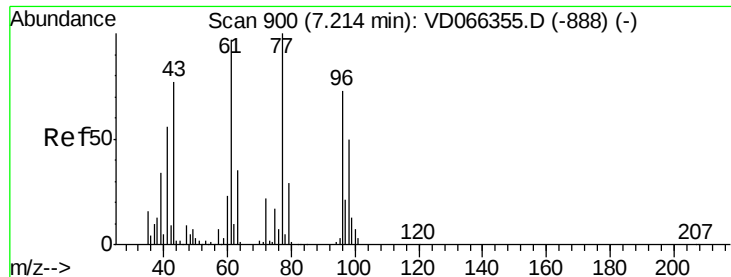
20000

10000

0

Time-->





#25

2-Butanone

Concen: 234.397 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

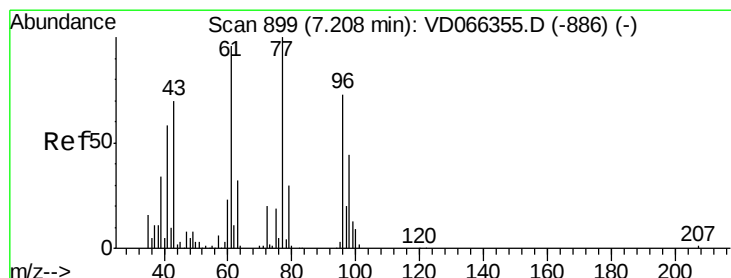
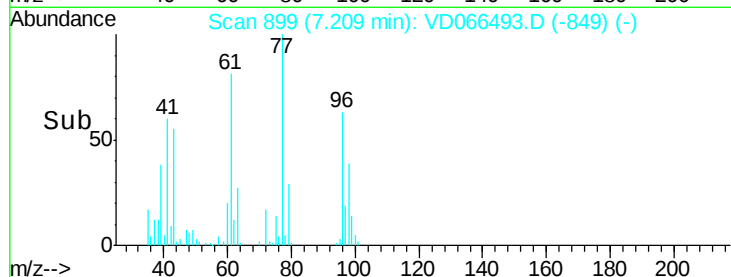
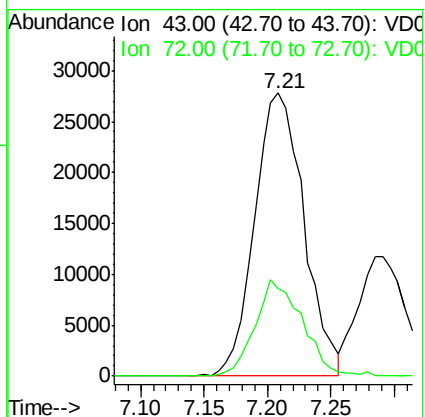
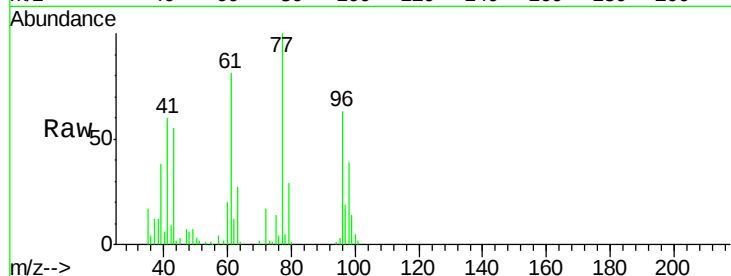
VSTDCCC050

Tot Ion: 43 Resp: 75331

Ion Ratio Lower Upper

43 100

72 30.9 22.5 33.7



#26

2,2-Dichloropropane

Concen: 59.132 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066493.D

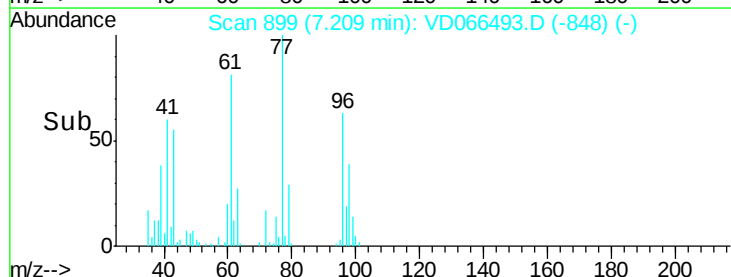
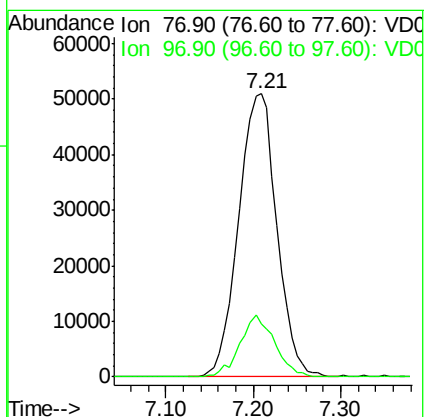
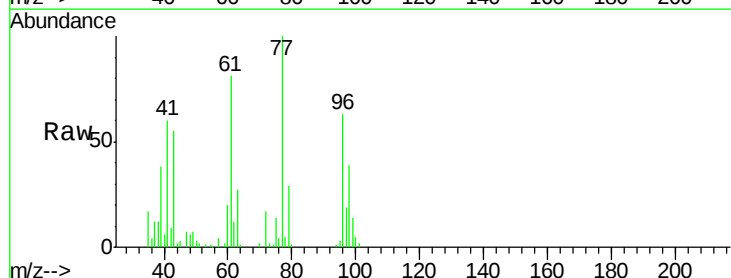
Acq: 01 Sep 2020 13:54

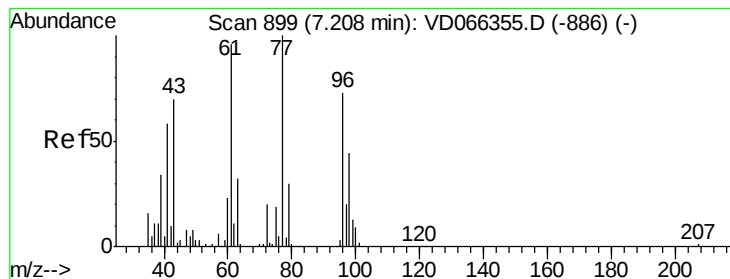
Tgt Ion: 77 Resp: 151091

Ion Ratio Lower Upper

77 100

97 19.7 10.7 31.9



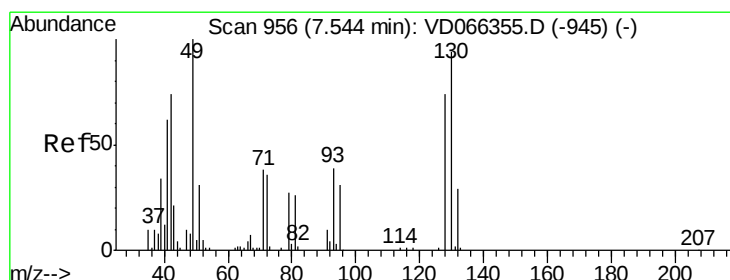
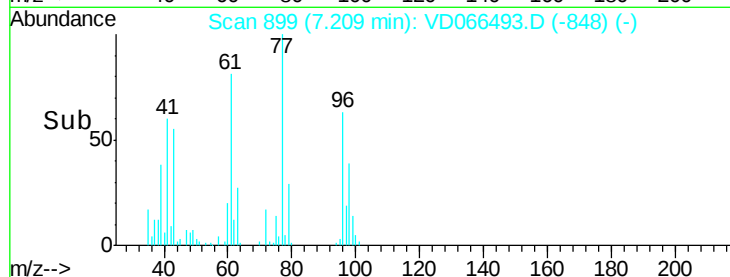
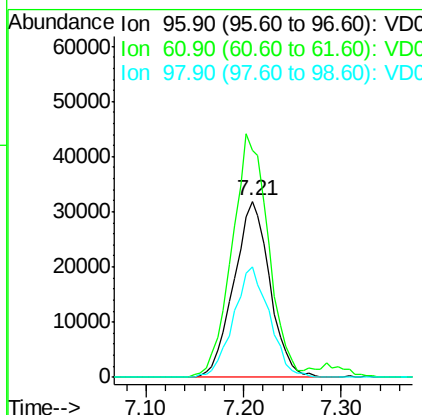
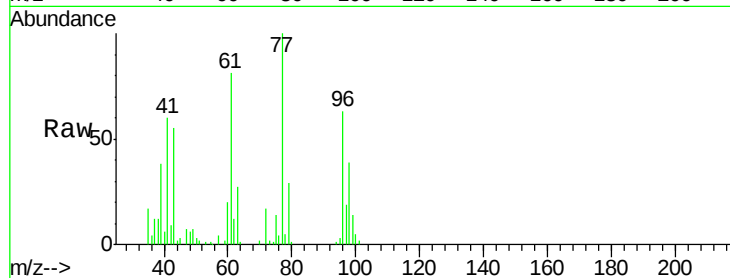


#27

cis-1,2-Dichloroethene
 Concen: 50.588 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

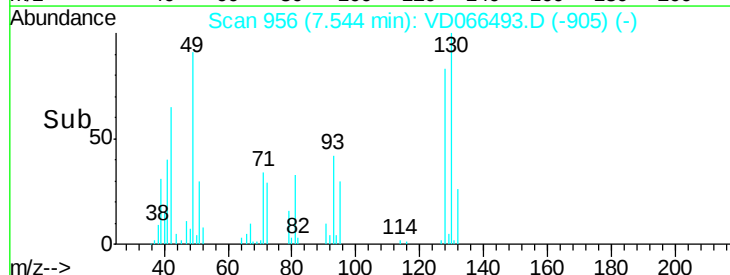
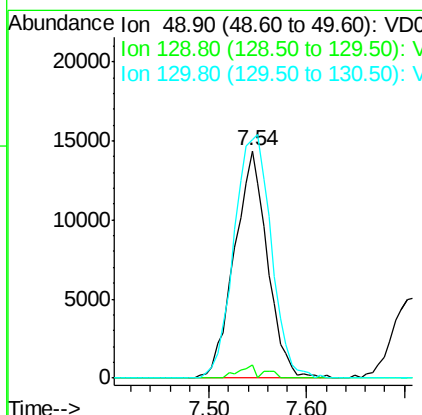
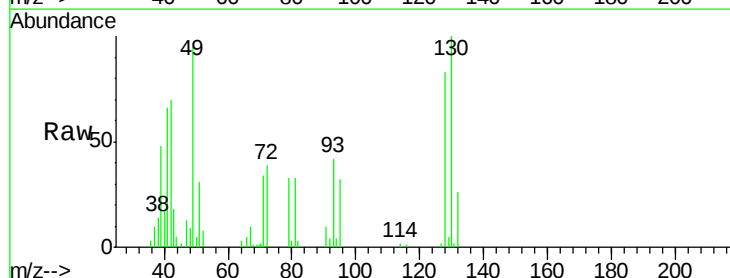
Tot Ion: 96 Resp: 82369
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 281.4
 98 62.6 0.0 132.2

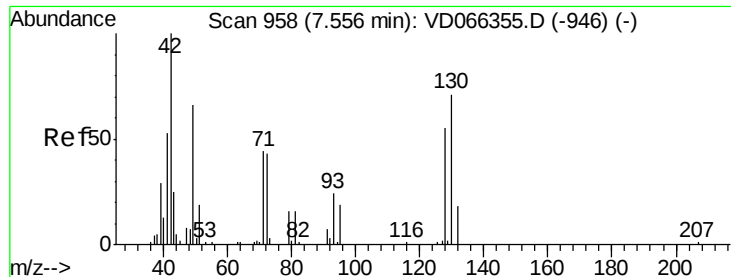


#28

Bromochloromethane
 Concen: 41.147 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion: 49 Resp: 33789
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 3.0
 130 121.2 82.6 124.0

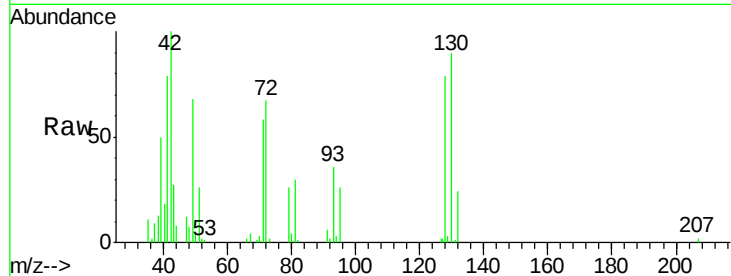




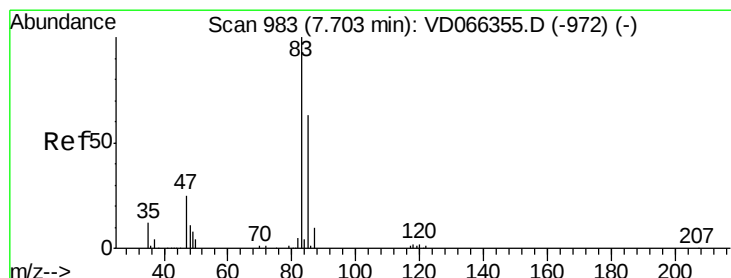
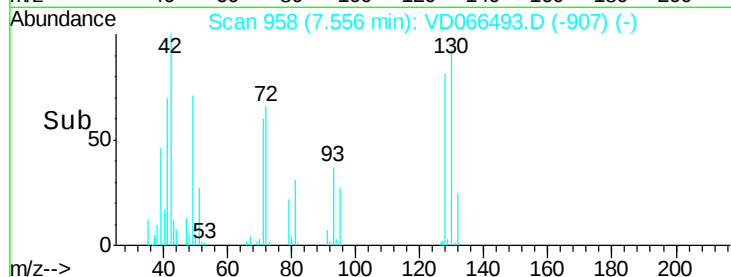
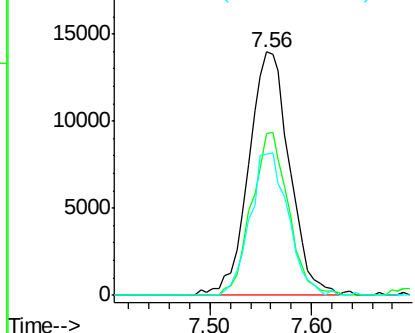
#29
Tetrahydrofuran
Concen: 213.924 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 39050
Ion Ratio Lower Upper
42 100
72 60.2 41.0 61.4
71 54.4 37.2 55.8

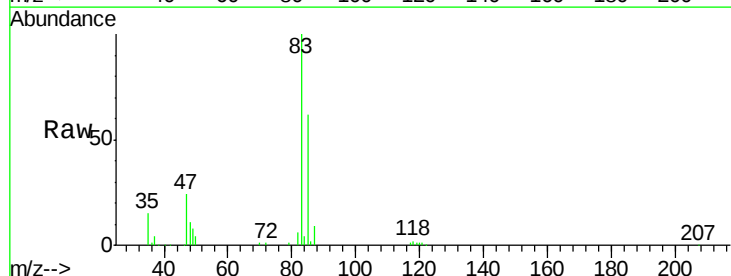


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

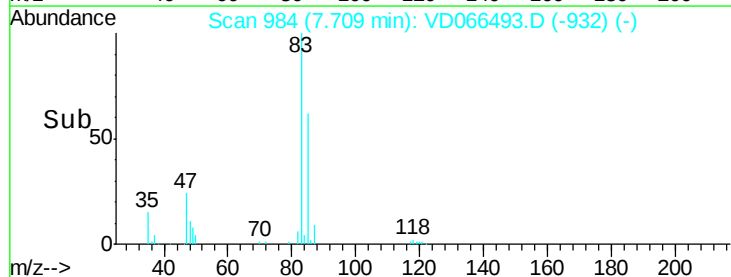
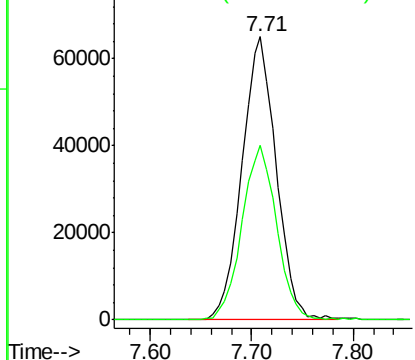


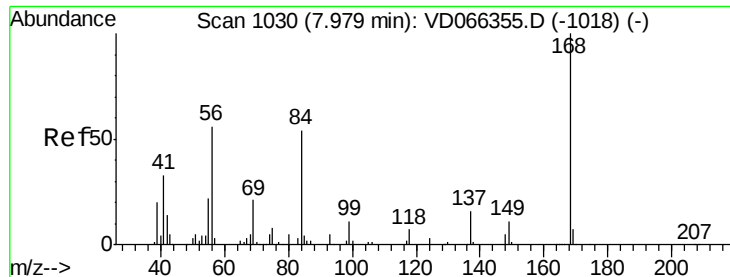
#30
Chloroform
Concen: 55.168 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 83 Resp: 152166
Ion Ratio Lower Upper
83 100
85 61.6 50.3 75.5



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

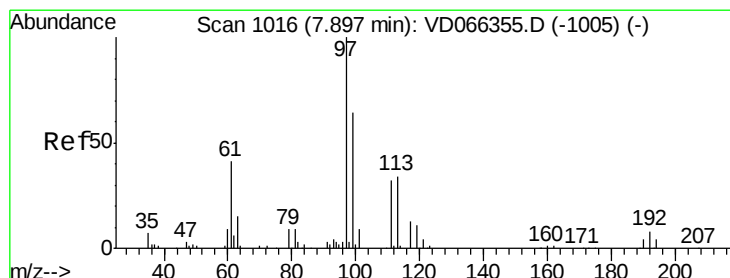
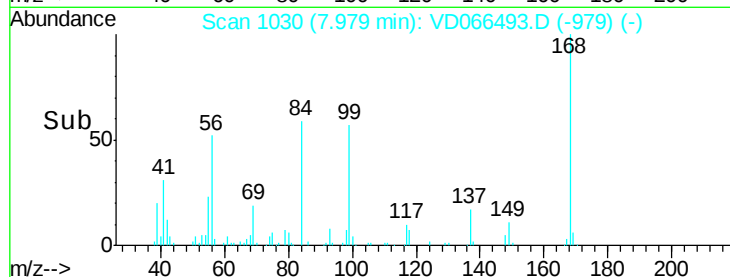
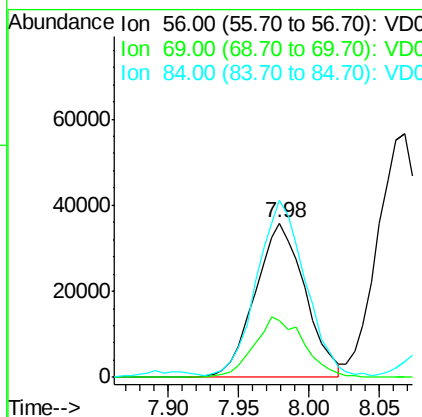
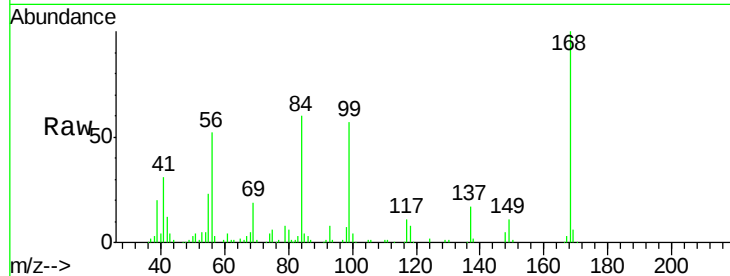




#31
Cyclohexane
Concen: 40.702 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

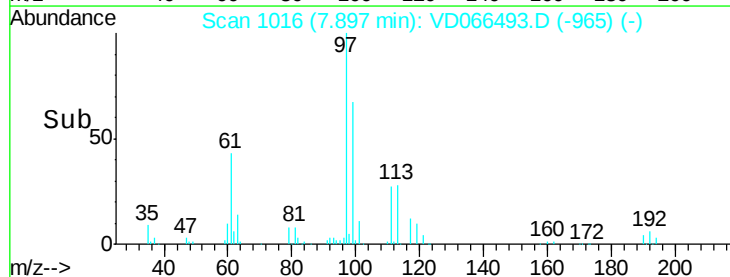
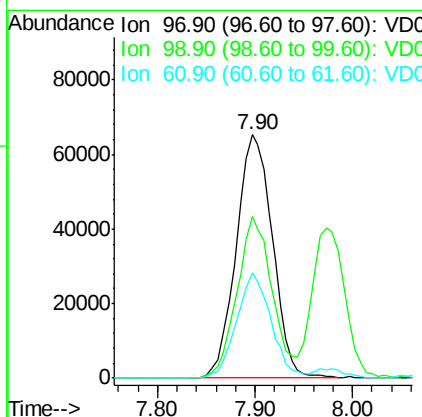
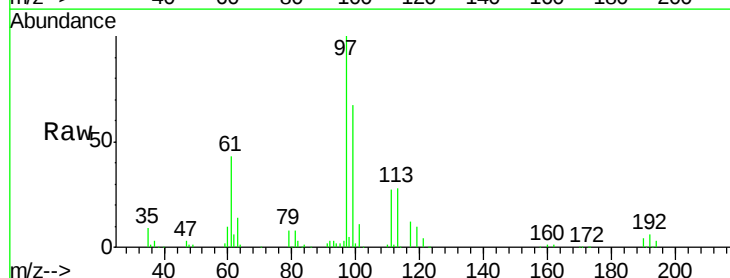
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

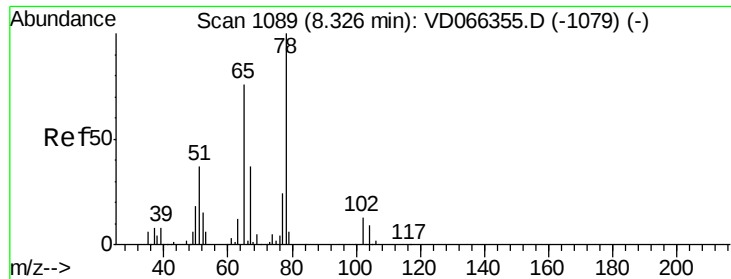
Tot Ion: 56 Resp: 88743
Ion Ratio Lower Upper
56 100
69 37.1 29.6 44.4
84 112.3 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 59.892 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 97 Resp: 169073
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 40.9 33.3 49.9

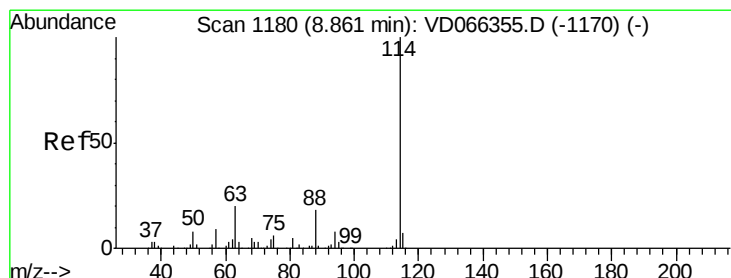
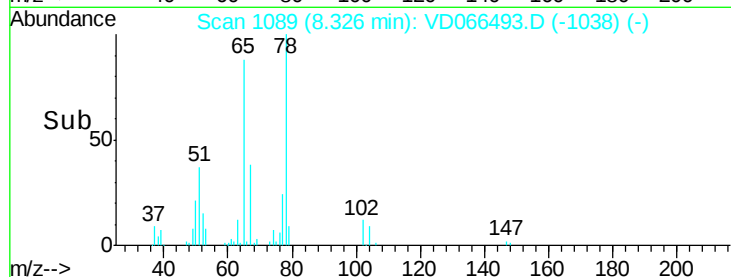
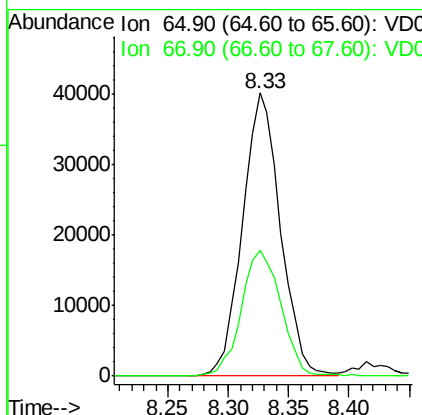
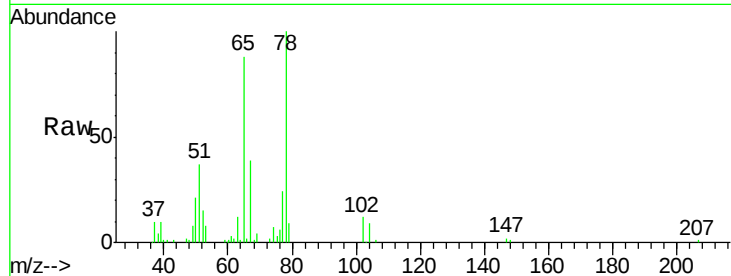




#33
 1,2-Dichloroethane-d4
 Concen: 55.945 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

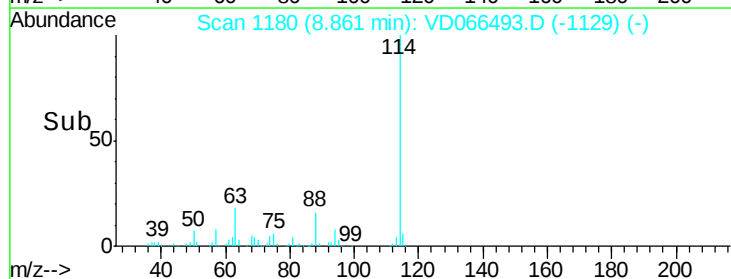
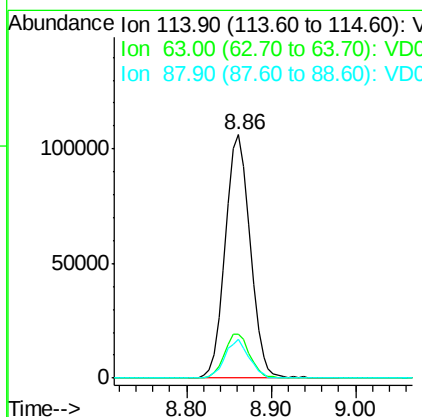
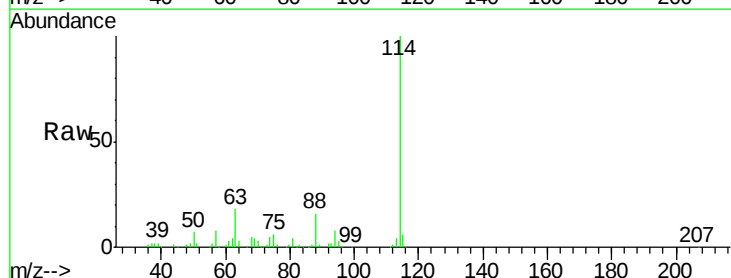
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

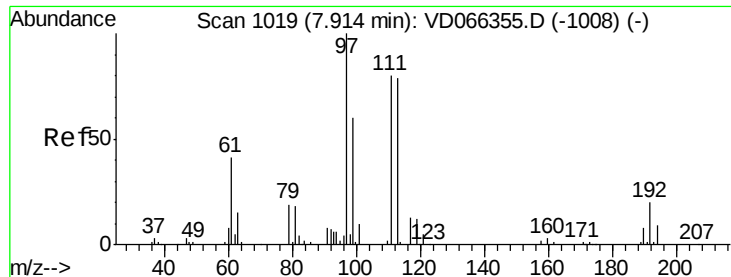
Tot Ion: 65 Resp: 87849
 Ion Ratio Lower Upper
 65 100
 67 46.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion: 114 Resp: 216203
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.8
 88 15.9 0.0 35.4

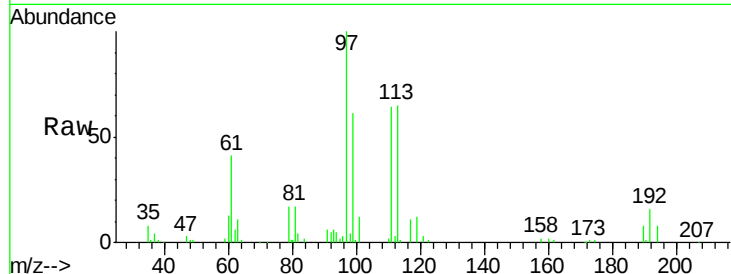




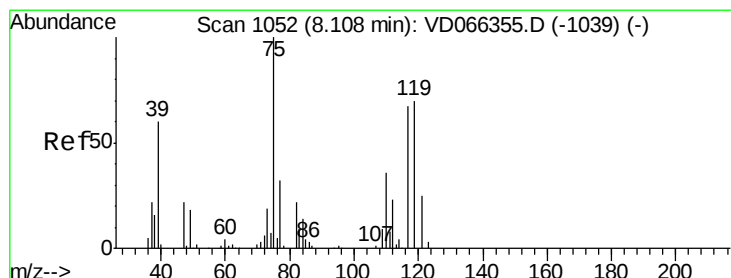
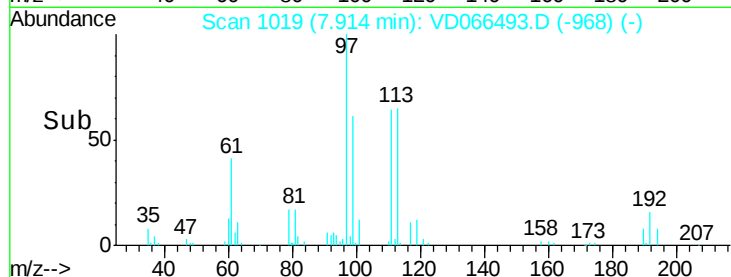
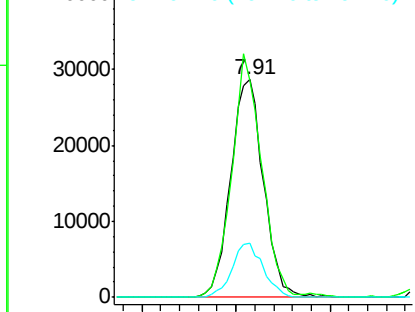
#35
 Dibromofluoromethane
 Concen: 51.346 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 69417
 Ion Ratio Lower Upper
 113 100
 111 101.2 80.3 120.5
 192 23.3 19.0 28.6

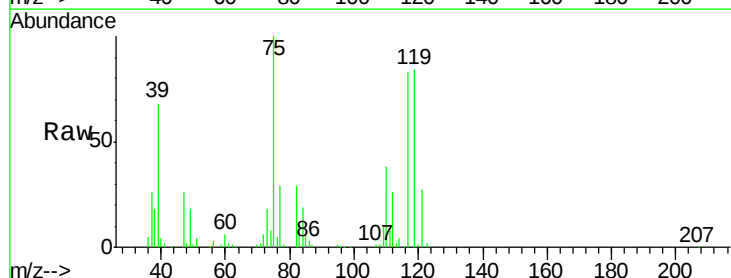


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

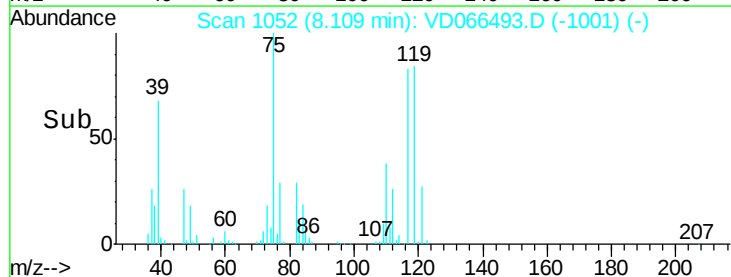
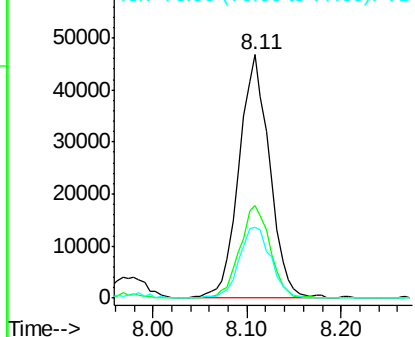


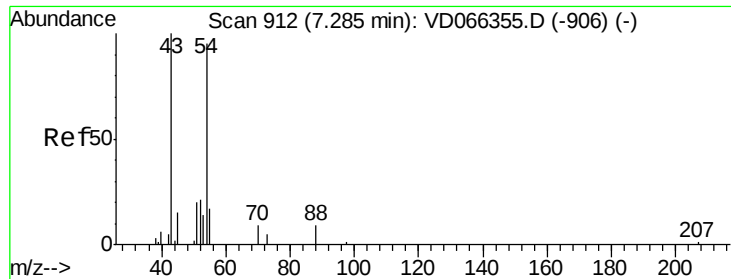
#36
 1,1-Dichloropropene
 Concen: 53.708 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion: 75 Resp: 105950
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.7 56.1
 77 30.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

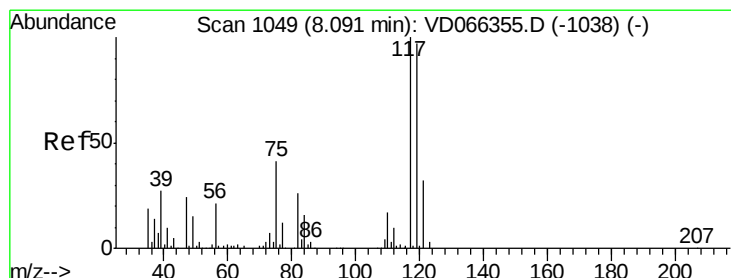
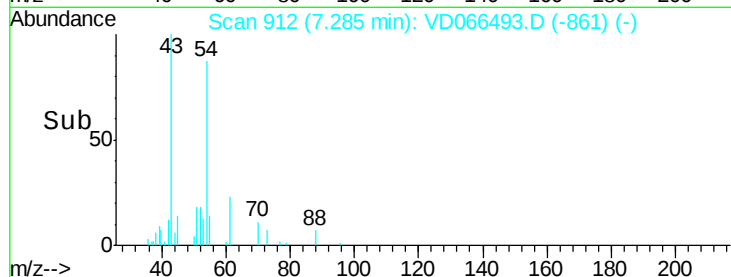
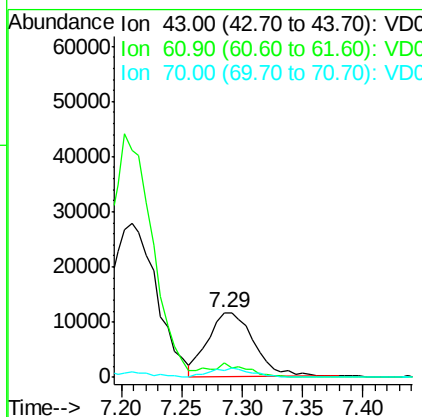
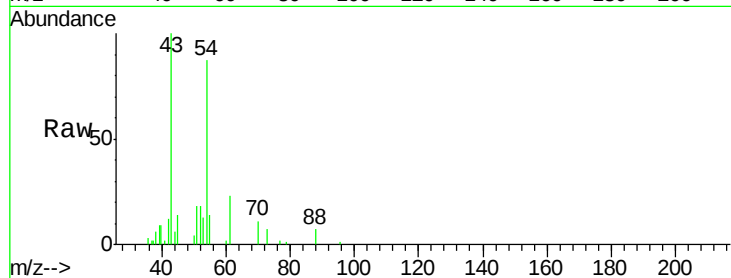




#37
Ethyl Acetate
Concen: 45.974 ug/l
RT: 7.29 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

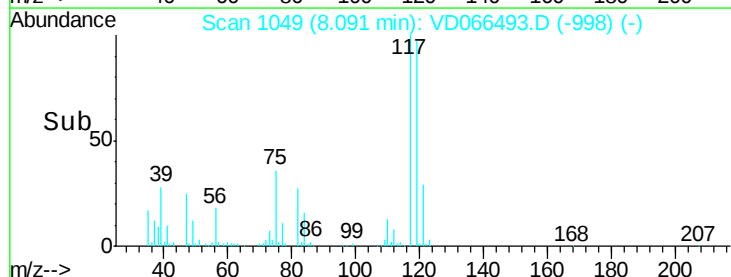
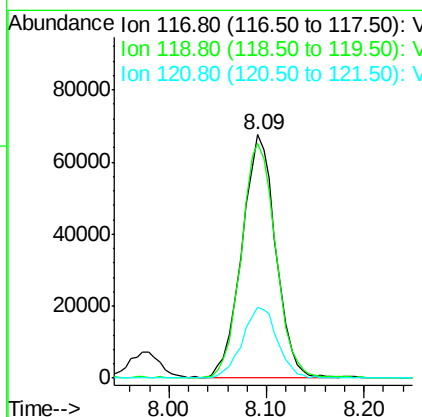
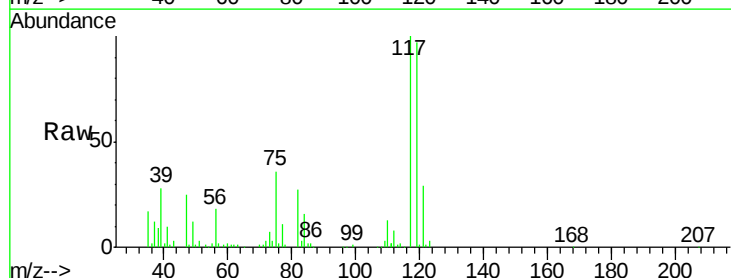
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

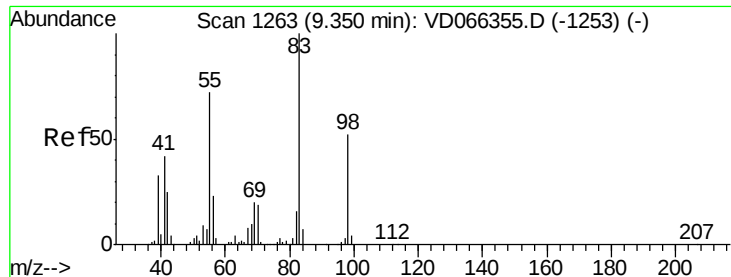
Tot Ion: 43 Resp: 30846
Ion Ratio Lower Upper
43 100
61 14.4 13.3 19.9
70 12.6 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 63.988 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 117 Resp: 164458
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8
121 29.2 25.8 38.8

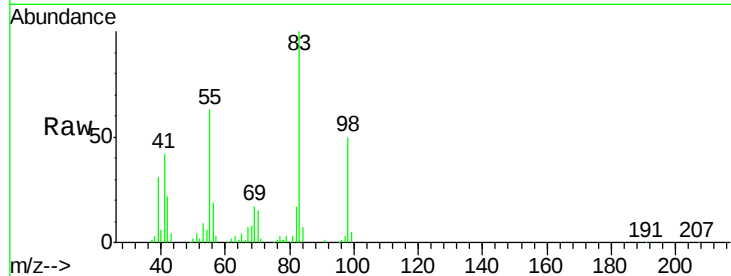




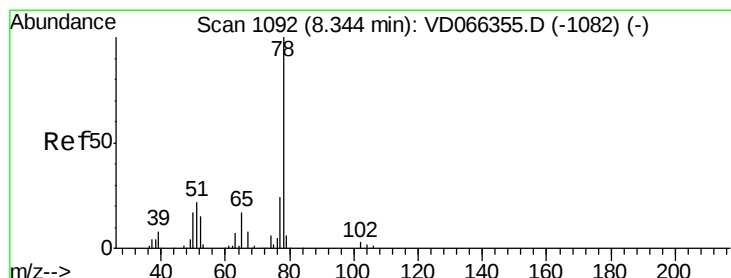
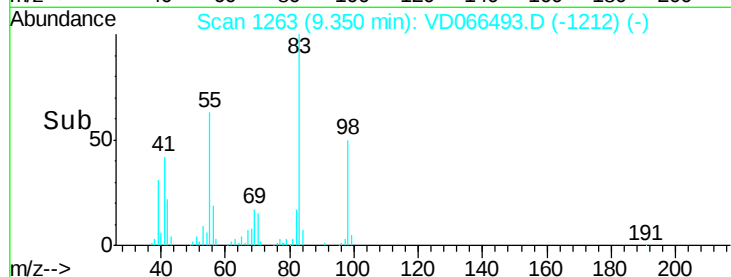
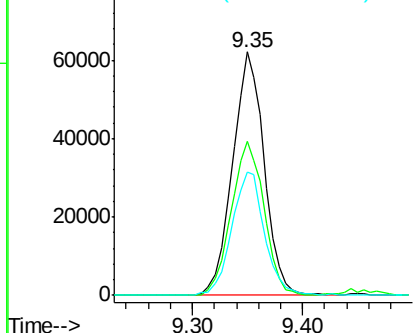
#39
Methvlcvclohexane
Concen: 53.686 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 124757
Ion Ratio Lower Upper
83 100
55 63.5 58.0 87.0
98 50.5 41.9 62.9

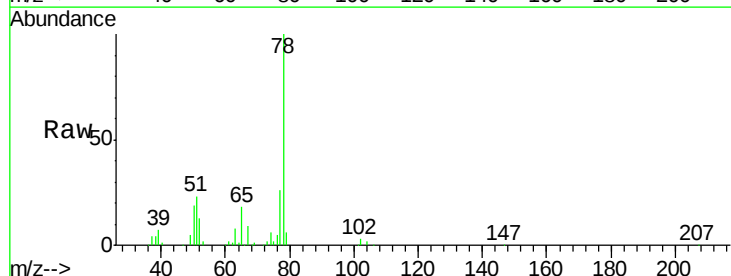


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

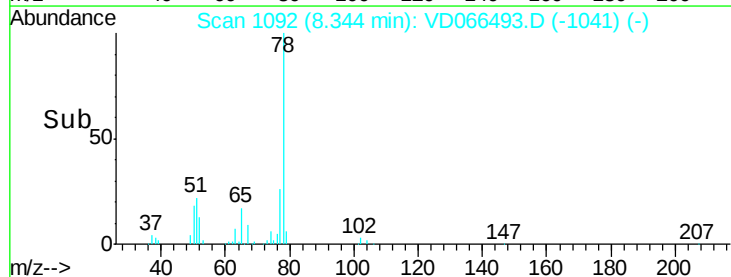
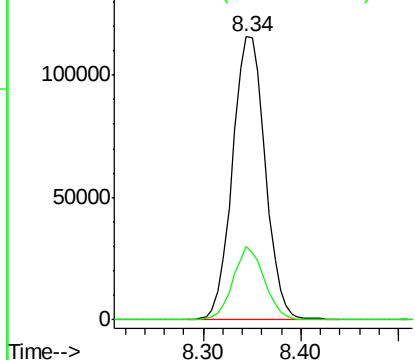


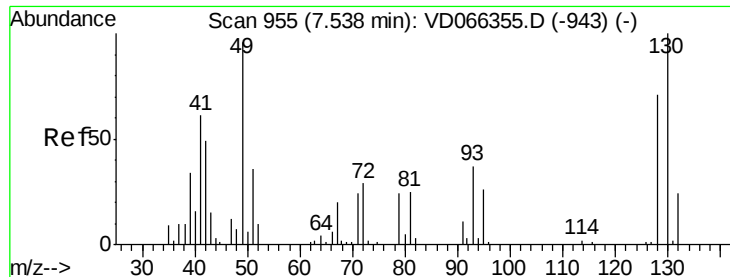
#40
Benzene
Concen: 51.996 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 78 Resp: 269840
Ion Ratio Lower Upper
78 100
77 25.9 18.8 28.2



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

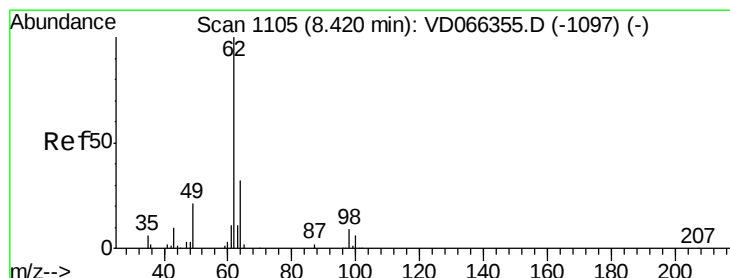
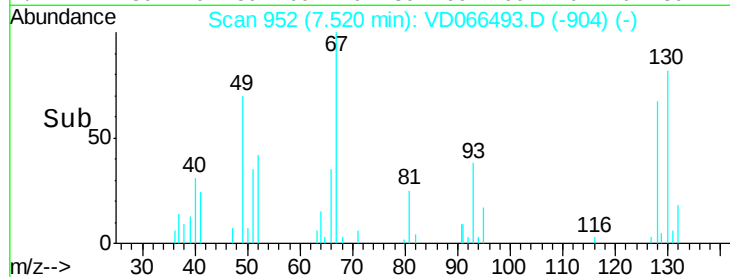
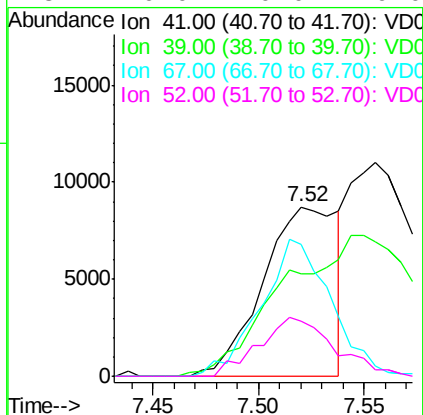
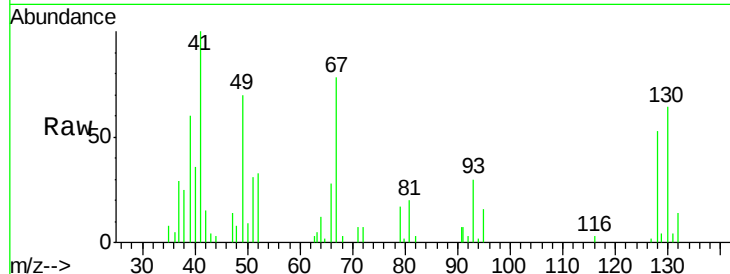




#41
Methacrylonitrile
Concen: 52.322 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

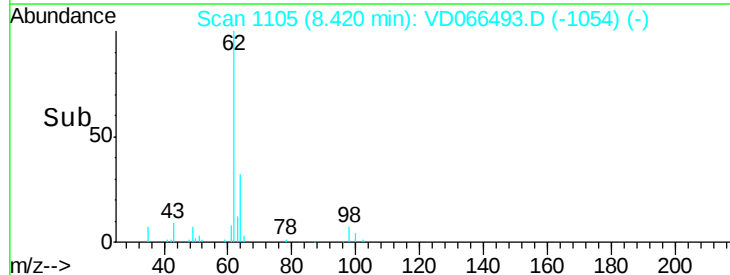
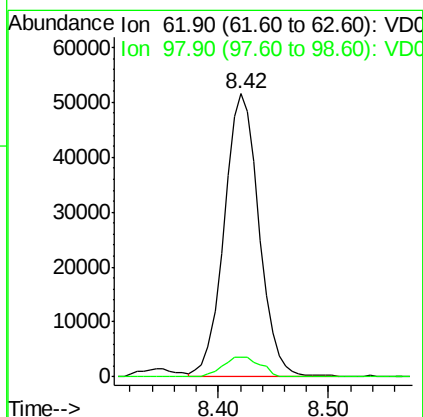
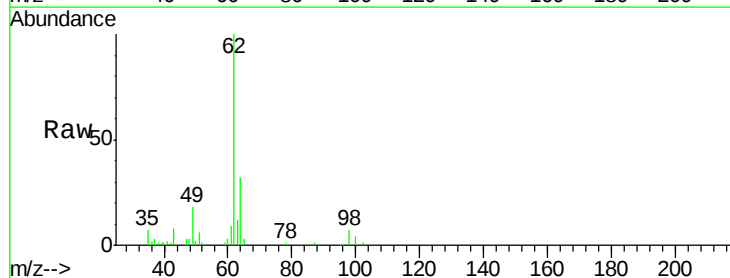
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

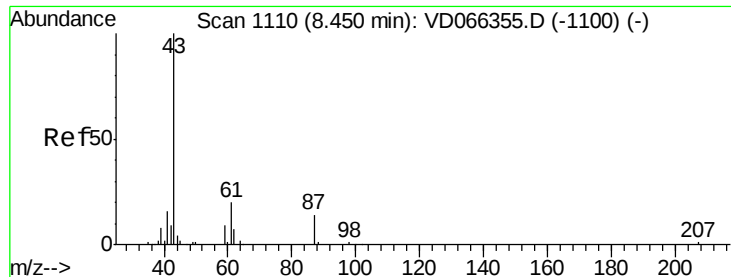
Tot Ion: 41 Resp: 21649
Ion Ratio Lower Upper
41 100
39 149.6 51.8 77.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 62.418 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 62 Resp: 114087
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.2





#43

Isopropyl Acetate

Concen: 48.747 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

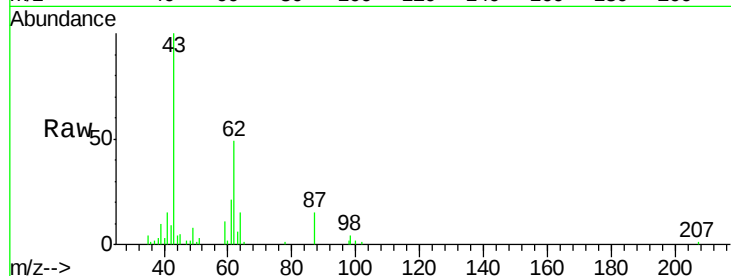
Tot Ion: 43 Resp: 65647

Ion Ratio Lower Upper

43 100

61 0.0 26.5 39.7#

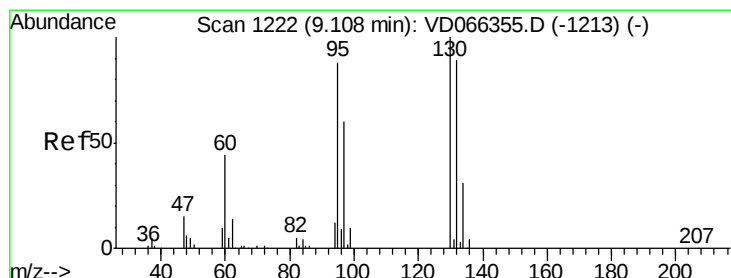
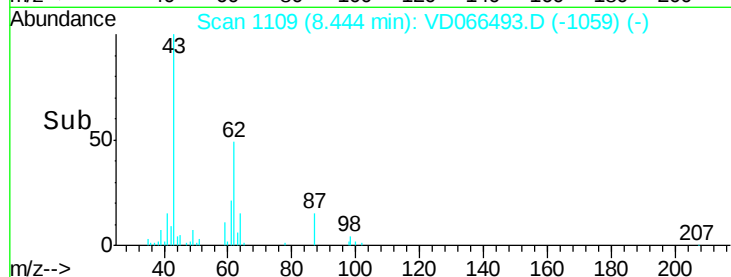
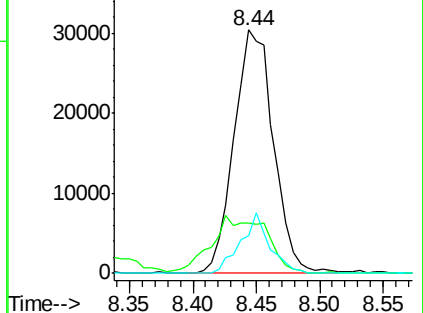
87 18.1 11.9 17.9#



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: 54.938 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066493.D

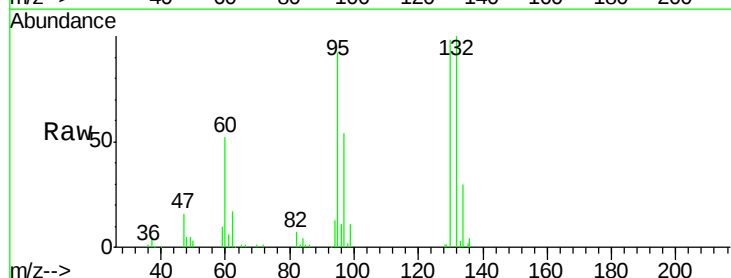
Acq: 01 Sep 2020 13:54

Tgt Ion: 130 Resp: 92641

Ion Ratio Lower Upper

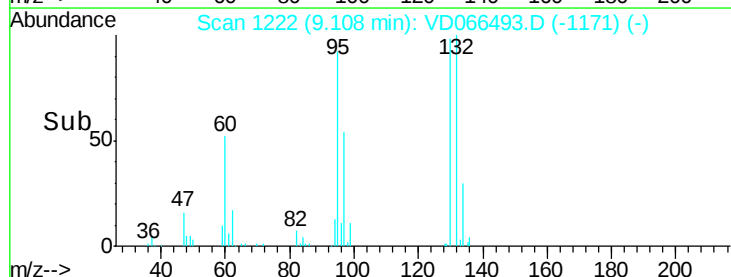
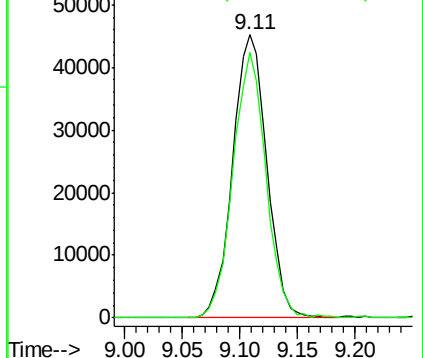
130 100

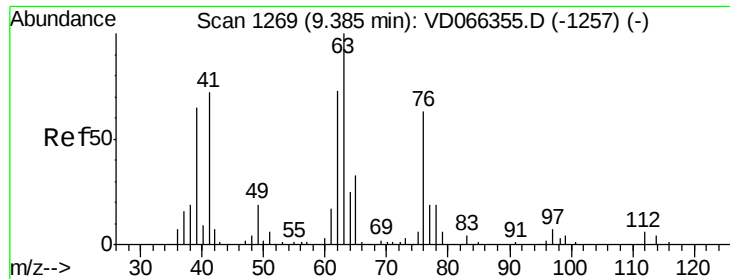
95 93.8 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

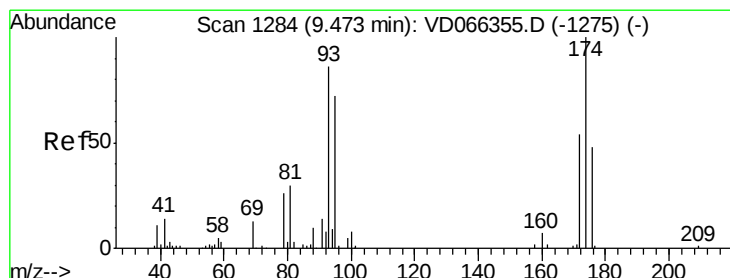
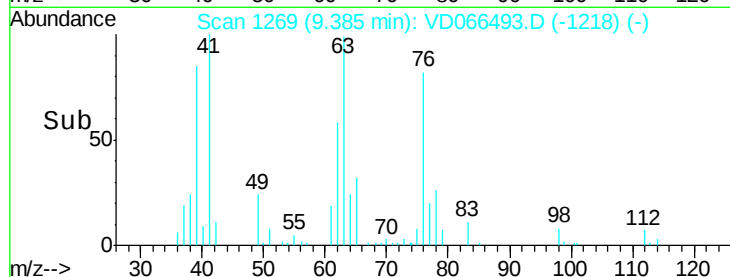
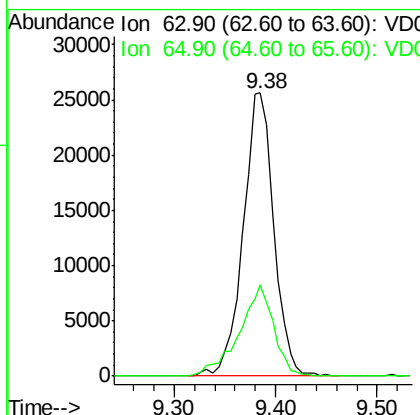
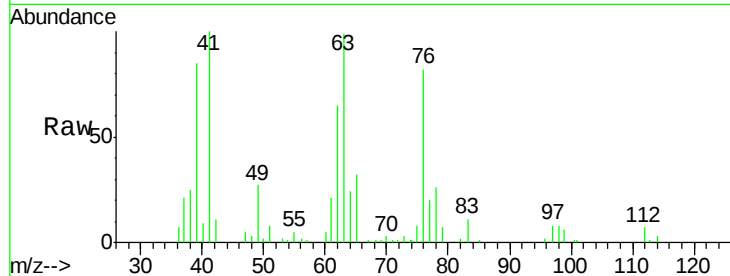




#45
 1,2-Dichloropropane
 Concen: 45.562 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

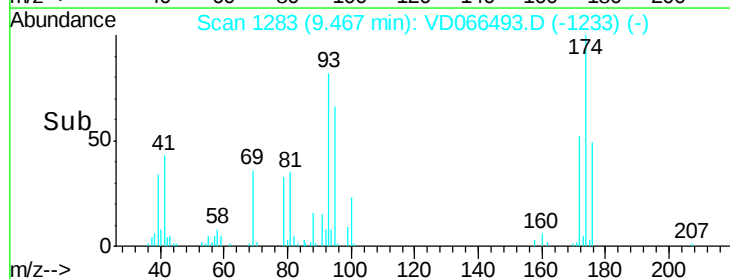
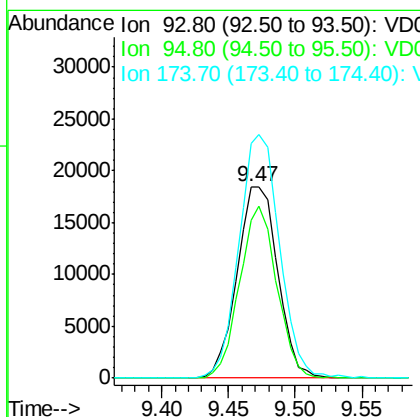
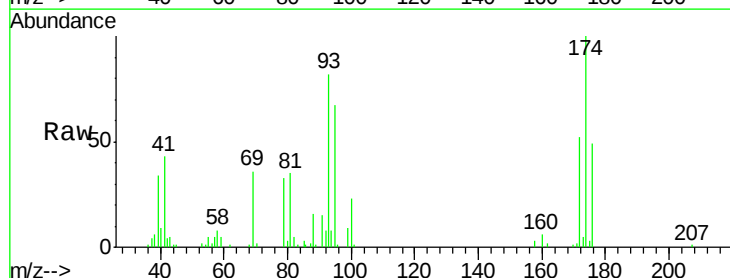
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

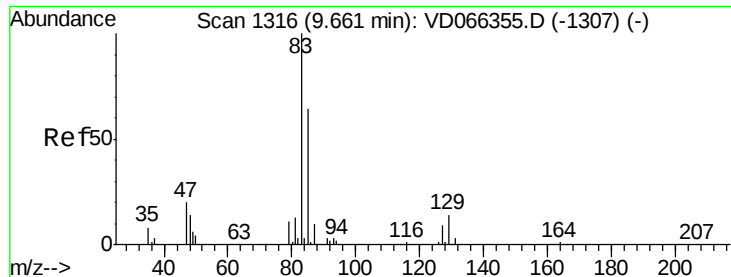
Tot Ion: 63 Resp: 53604
 Ion Ratio Lower Upper
 63 100
 65 32.1 26.4 39.6



#46
 Dibromomethane
 Concen: 53.043 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion: 93 Resp: 38855
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.0 99.0
 174 127.4 94.6 141.8





#47

Bromodichloromethane

Concen: 58.780 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

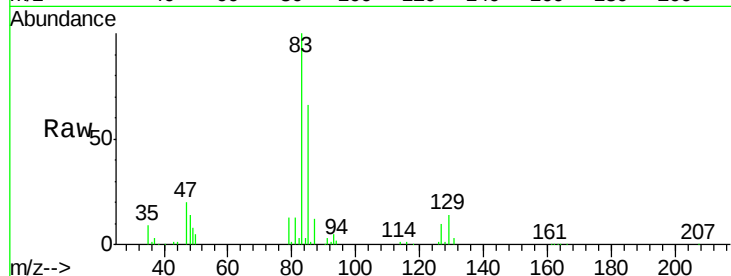
Tot Ion: 83 Resp: 118411

Ion Ratio Lower Upper

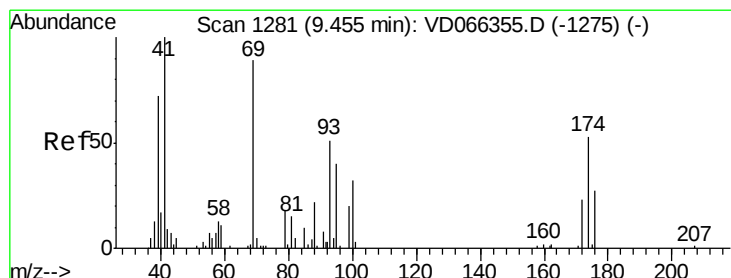
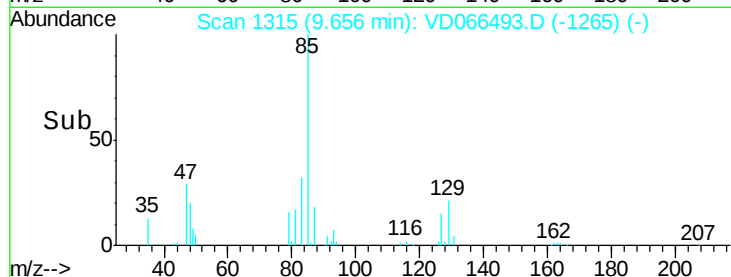
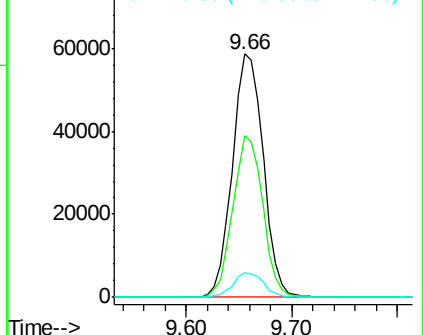
83 100

85 66.4 51.4 77.0

127 10.0 7.4 11.0



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



#48

Methyl methacrylate

Concen: 49.634 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

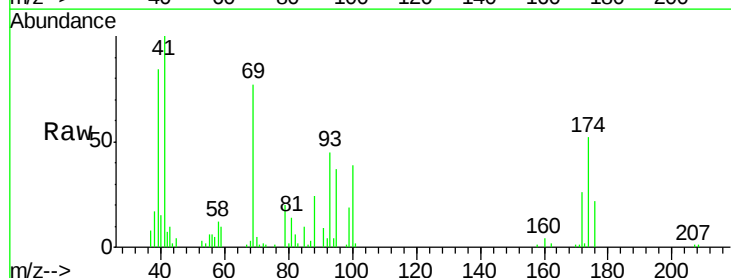
Tgt Ion: 41 Resp: 34468

Ion Ratio Lower Upper

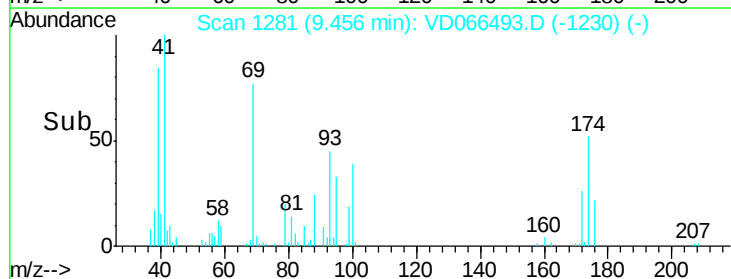
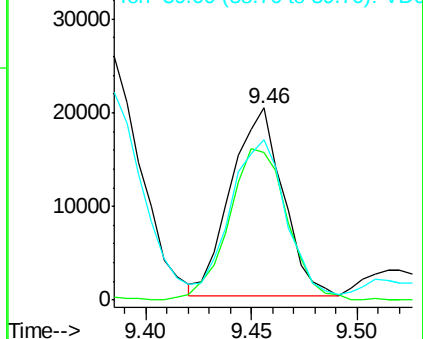
41 100

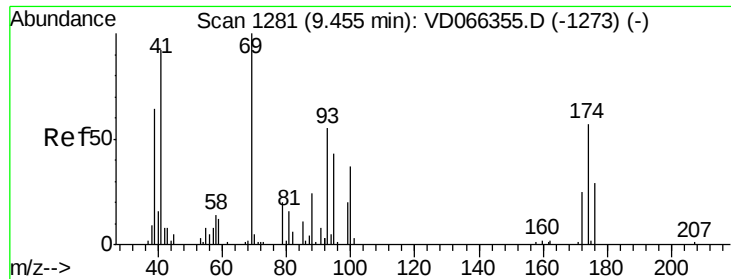
69 90.0 75.5 113.3

39 86.0 57.0 85.4#



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

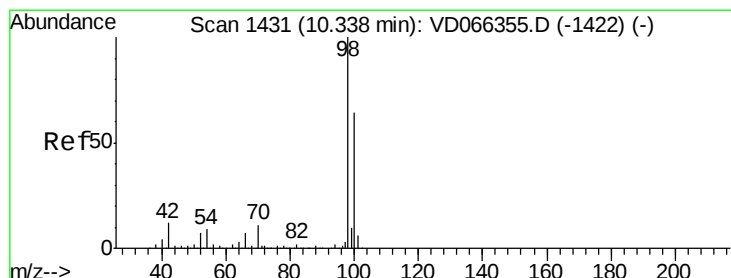
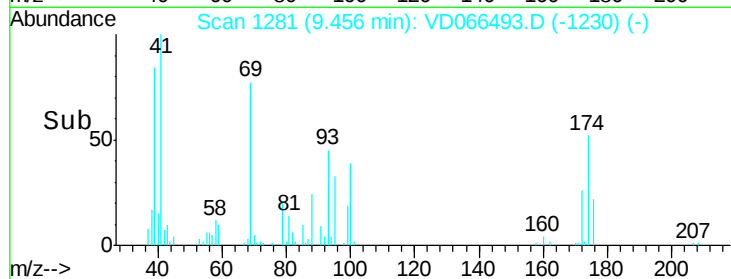
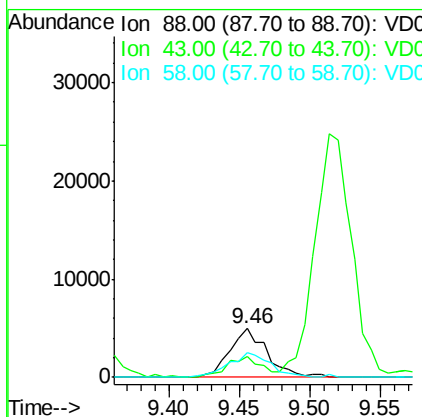
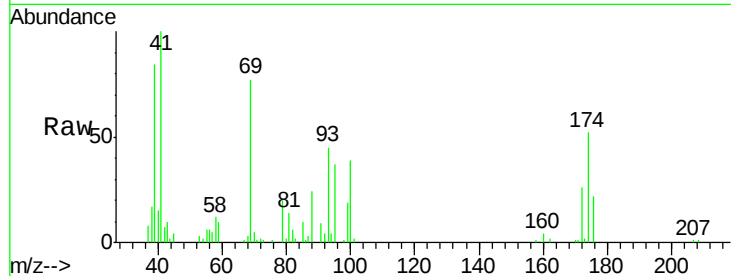




#49
1,4-Dioxane
Concen: 1086.212 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

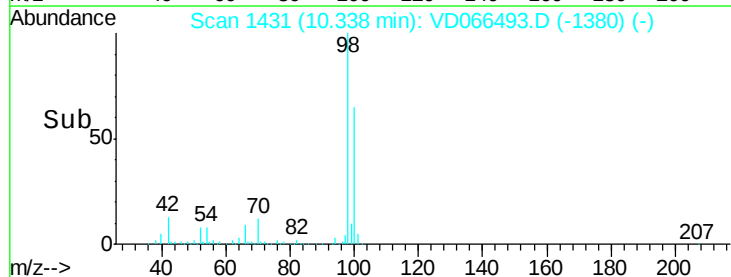
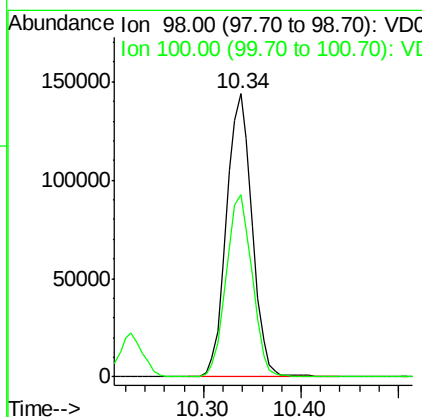
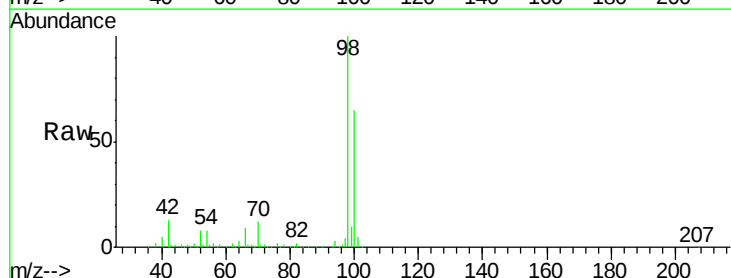
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

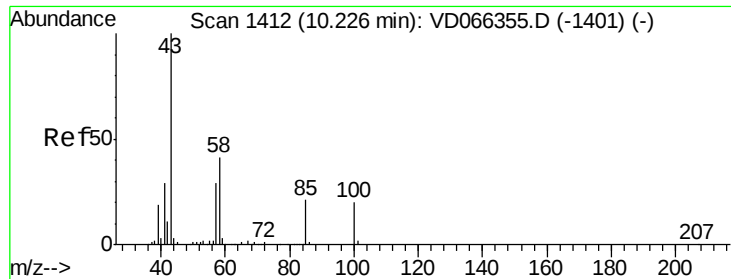
Tot Ion: 88 Resp: 9239
Ion Ratio Lower Upper
88 100
43 39.7 29.4 44.0
58 56.4 45.4 68.2



#50
Toluene-d8
Concen: 53.008 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 98 Resp: 262209
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 241.851 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

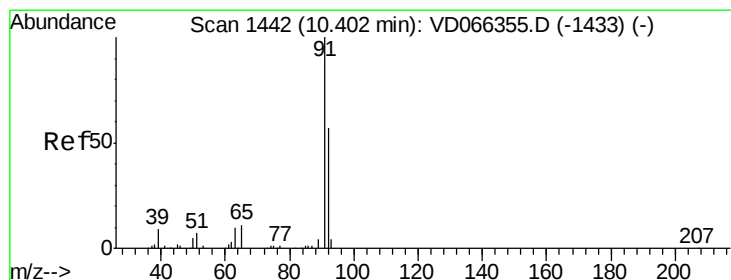
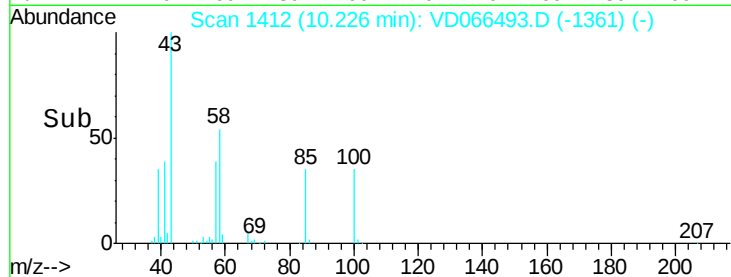
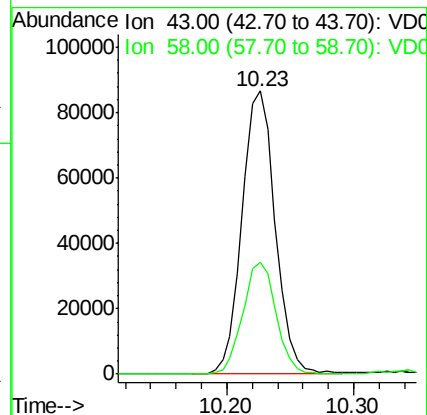
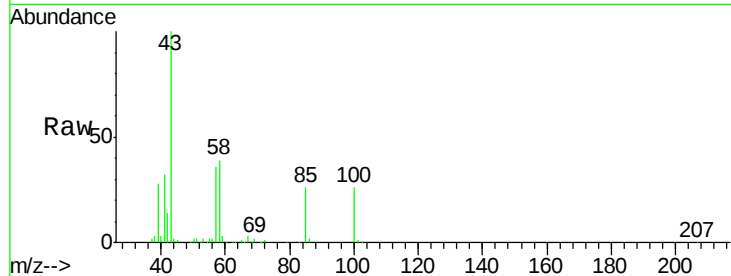
VSTDCCC050

Tot Ion: 43 Resp: 157560

Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2



#52

Toluene

Concen: 54.847 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066493.D

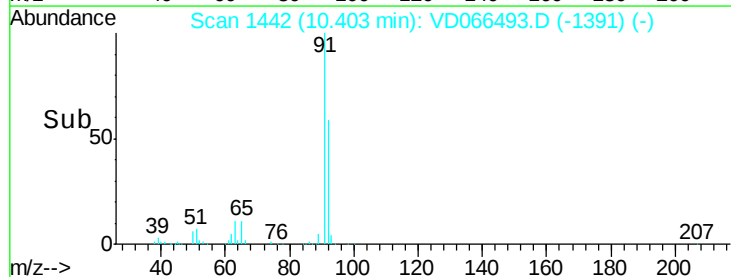
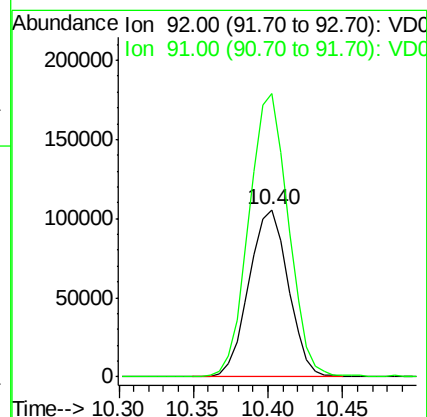
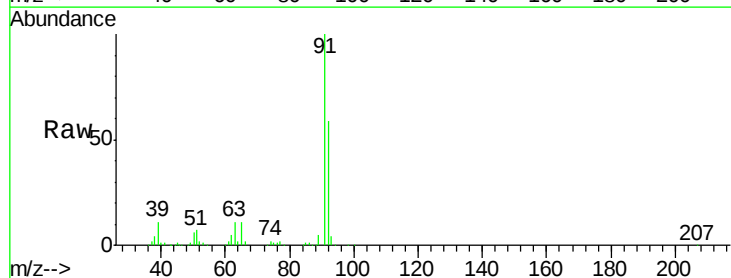
Acq: 01 Sep 2020 13:54

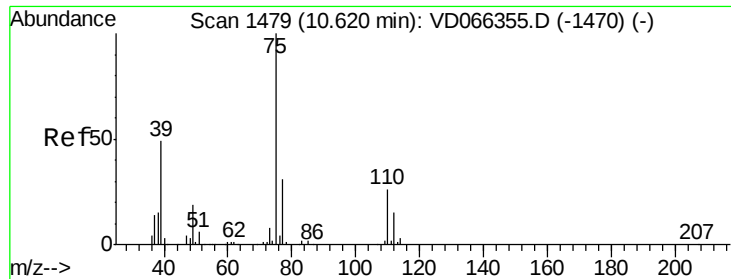
Tgt Ion: 92 Resp: 192839

Ion Ratio Lower Upper

92 100

91 170.2 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 56.575 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

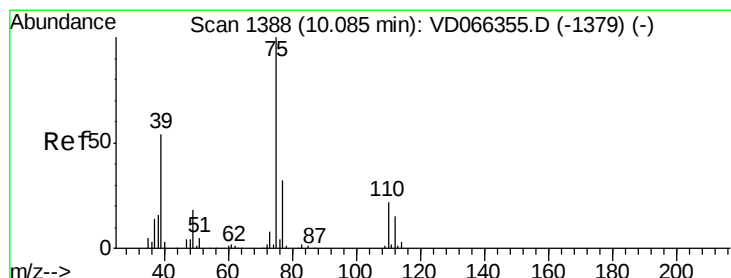
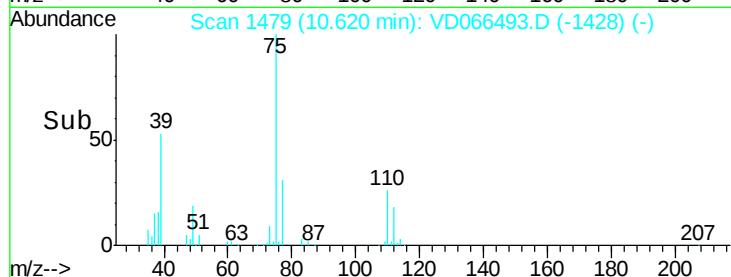
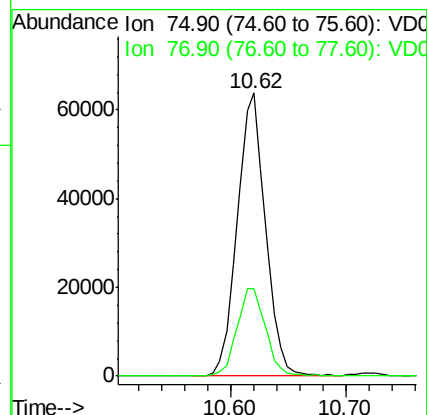
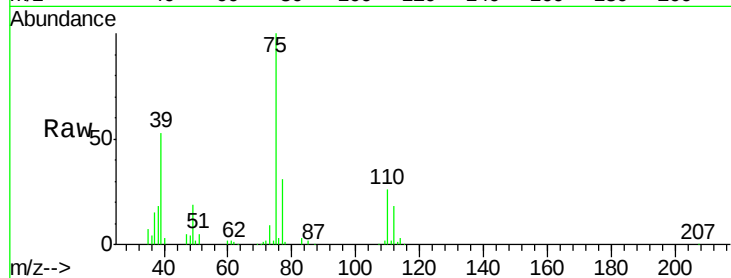
VSTDCCC050

Tot Ion: 75 Resp: 108142

Ion Ratio Lower Upper

75 100

77 31.0 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 53.207 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

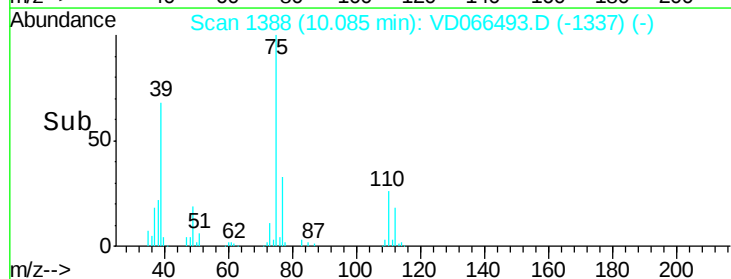
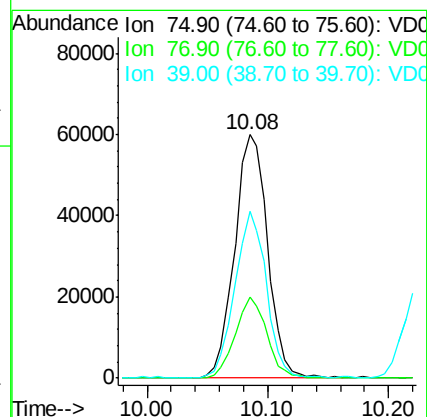
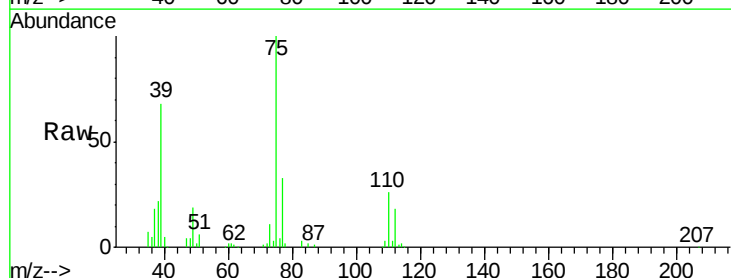
Tgt Ion: 75 Resp: 114158

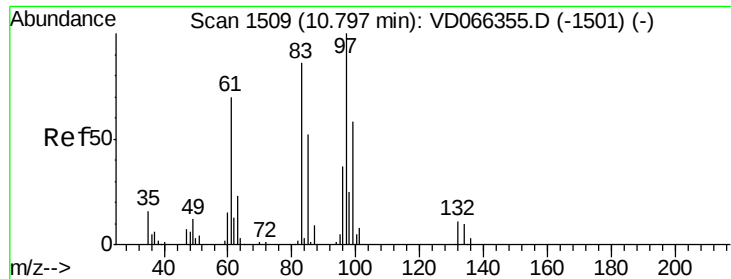
Ion Ratio Lower Upper

75 100

77 33.1 25.6 38.4

39 68.3 43.4 65.0#

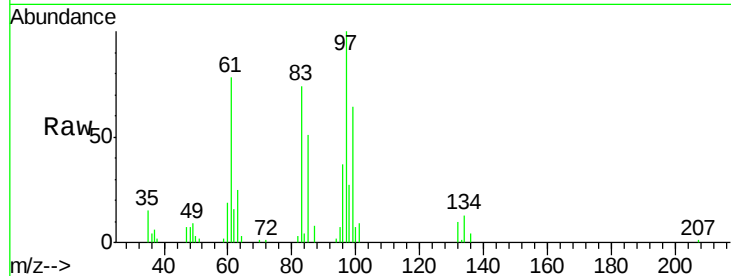




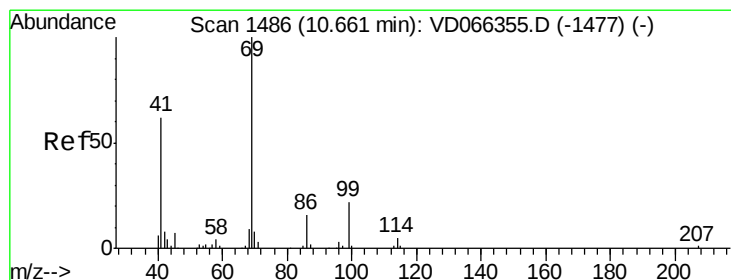
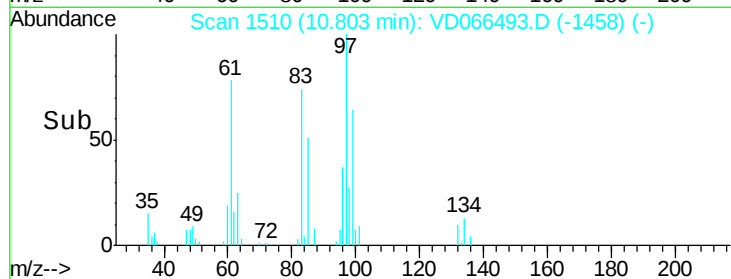
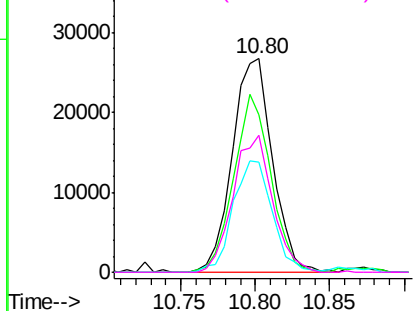
#55
 1,1,2-Trichloroethane
 Concen: 50.584 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	50162
Ion	Ratio	Lower	Upper
97	100		
83	73.8	68.4	102.6
85	51.4	41.3	61.9
99	64.0	46.1	69.1

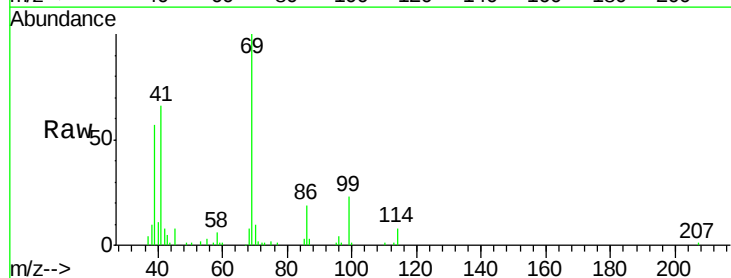


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

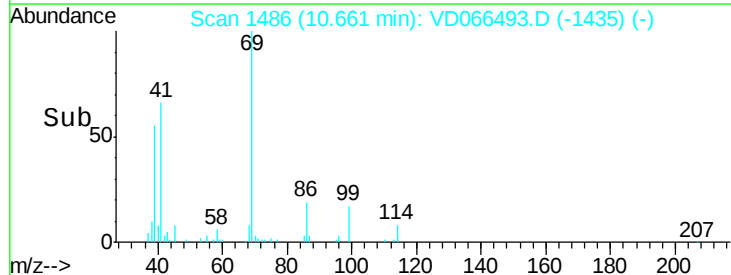
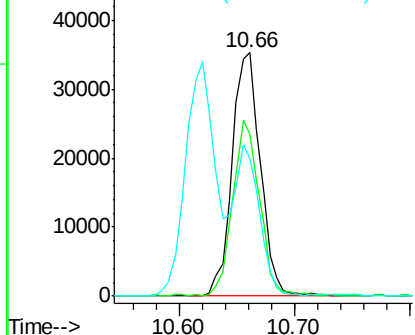


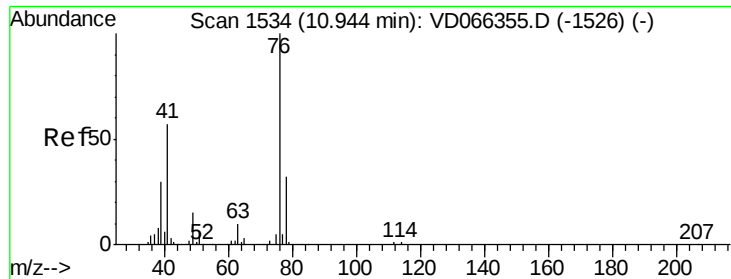
#56
 Ethyl methacrylate
 Concen: 52.175 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion:	69	Resp:	59895
Ion	Ratio	Lower	Upper
69	100		
41	68.6	50.8	76.2
39	51.1	32.9	49.3#



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

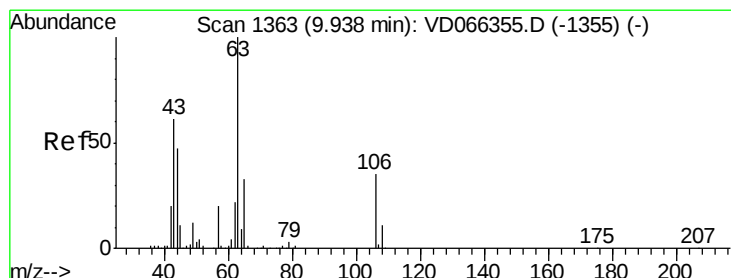
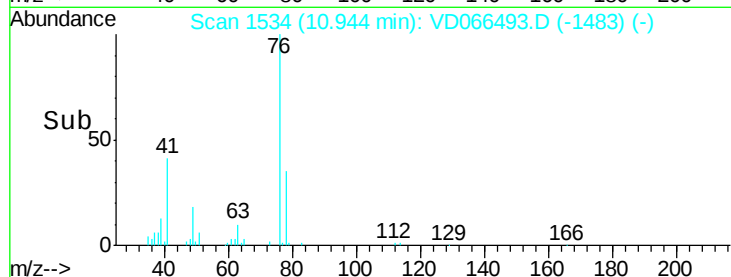
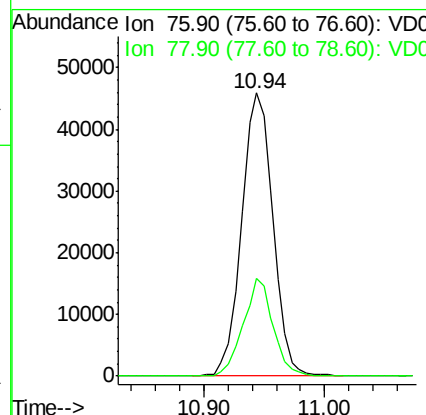
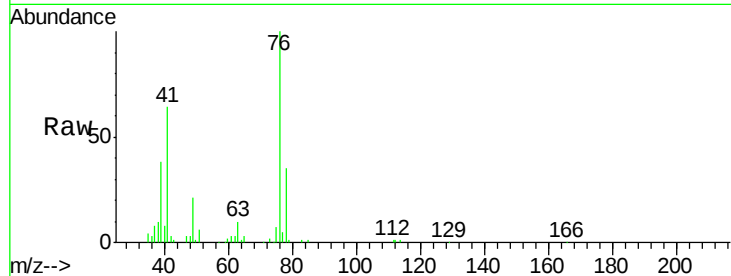




#57
 1,3-Dichloropropane
 Concen: 50.478 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

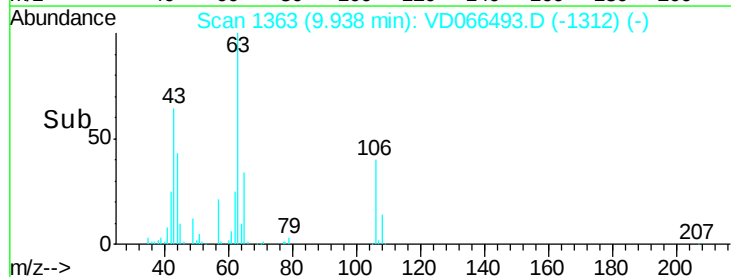
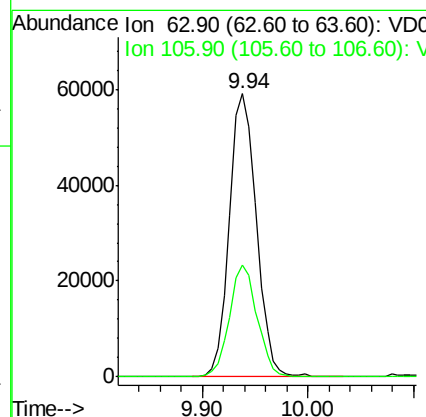
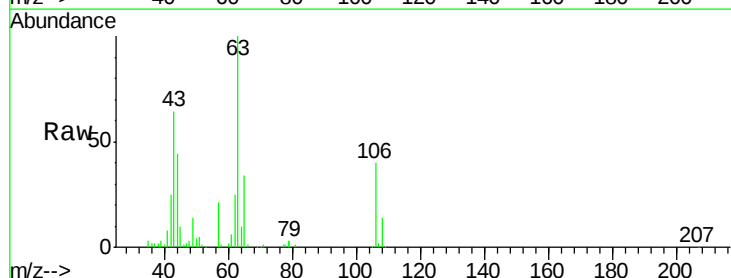
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

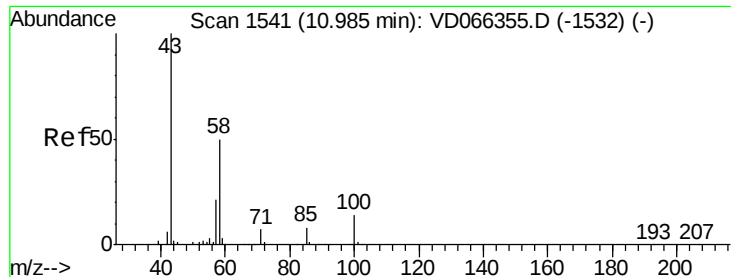
Tot Ion: 76 Resp: 82799
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 219.679 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion: 63 Resp: 104739
 Ion Ratio Lower Upper
 63 100
 106 40.2 27.1 40.7

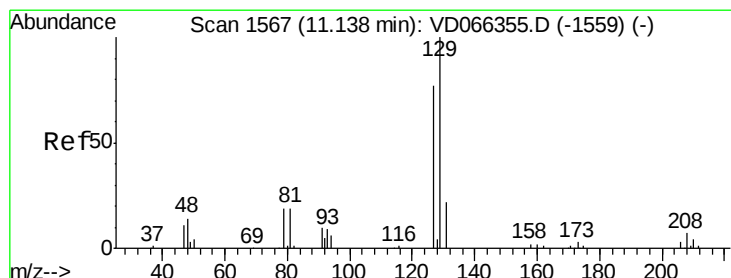
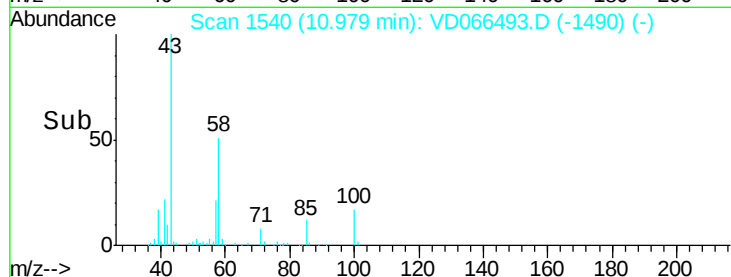
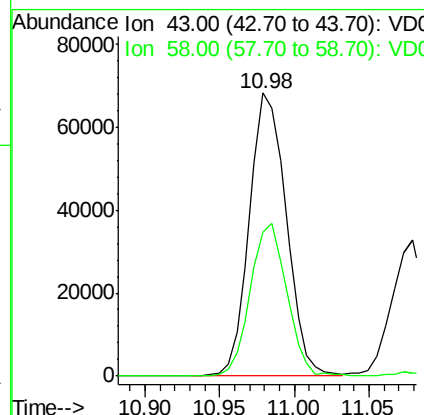
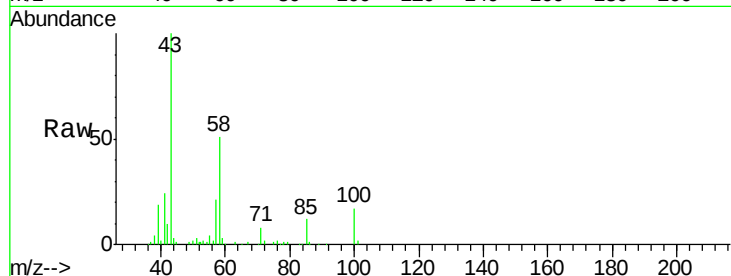




#59
2-Hexanone
Concen: 254.282 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

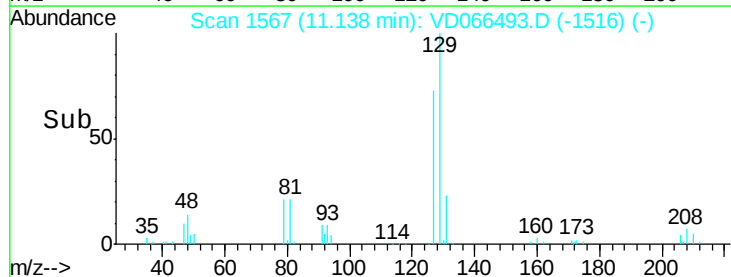
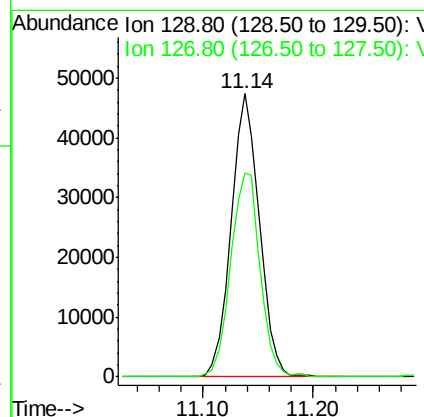
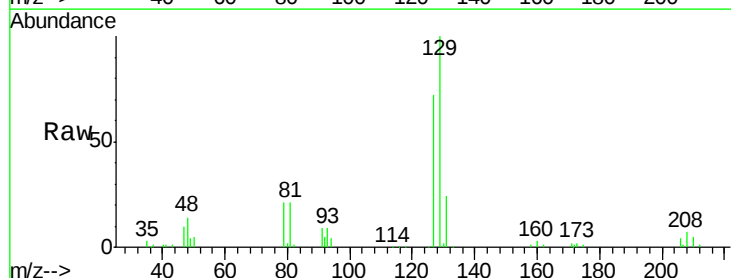
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

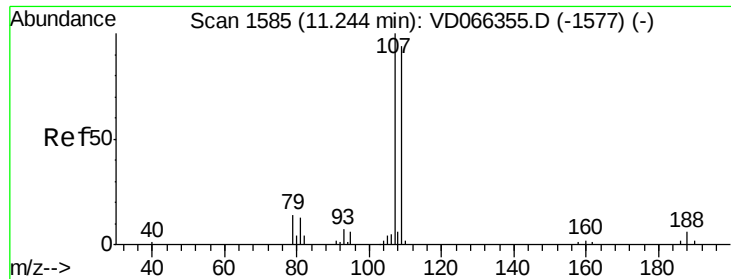
Tot Ion: 43 Resp: 116850
Ion Ratio Lower Upper
43 100
58 53.2 26.3 78.8



#60
Dibromochloromethane
Concen: 56.976 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 129 Resp: 85166
Ion Ratio Lower Upper
129 100
127 74.8 39.0 117.0

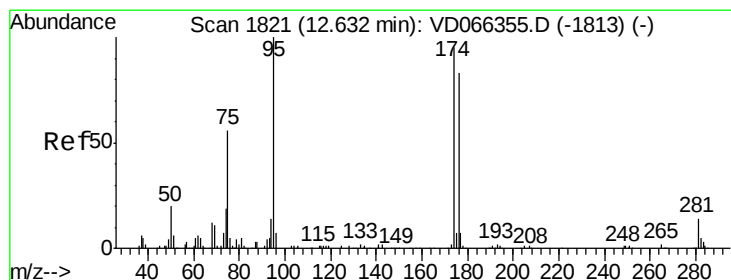
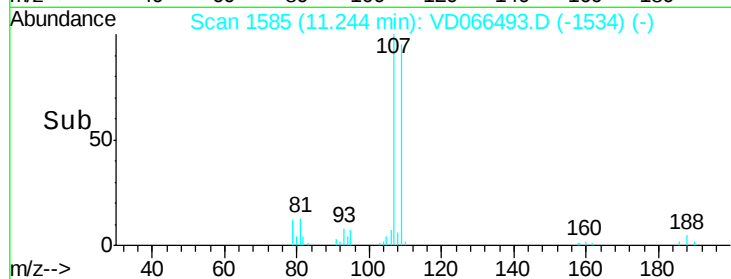
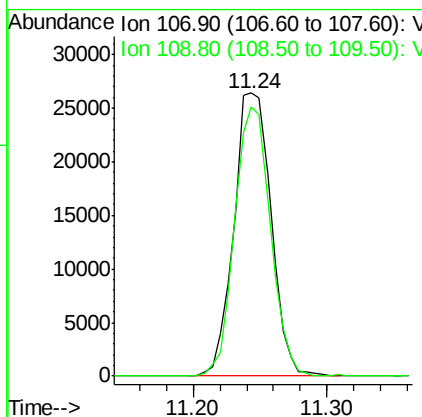
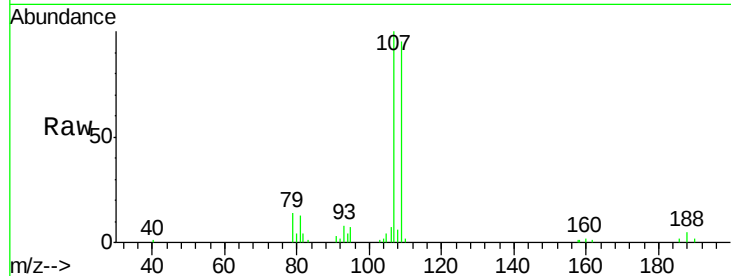




#61
 1,2-Dibromoethane
 Concen: 52.344 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

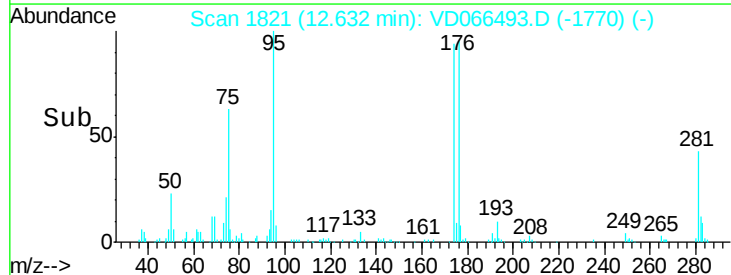
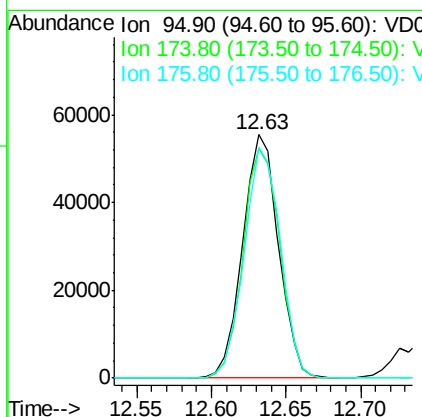
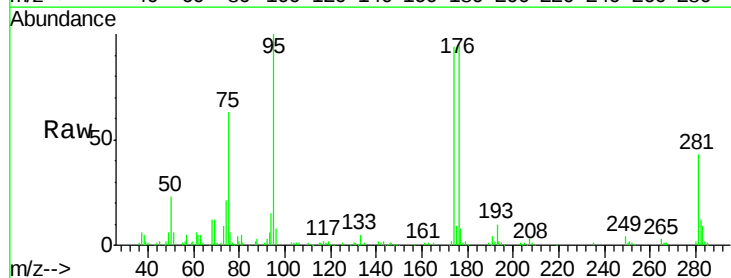
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

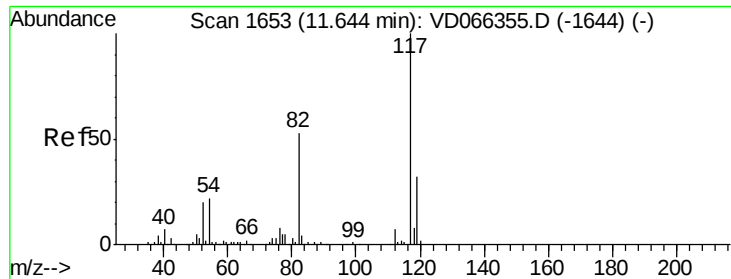
Tot Ion:107 Resp: 51082
 Ion Ratio Lower Upper
 107 100
 109 91.6 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 52.511 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion: 95 Resp: 92170
 Ion Ratio Lower Upper
 95 100
 174 96.3 0.0 183.4
 176 95.8 0.0 173.8

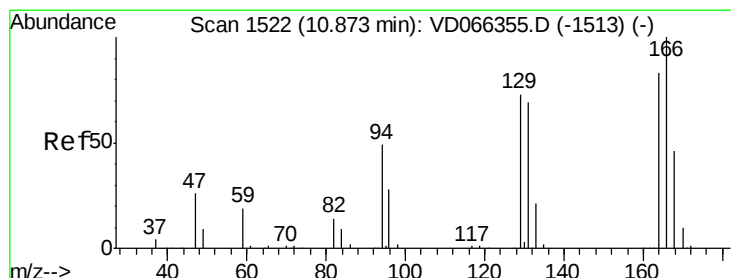
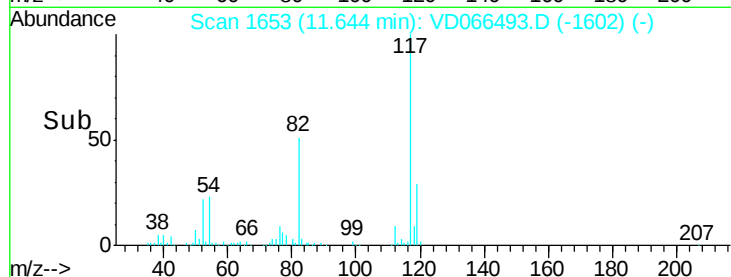
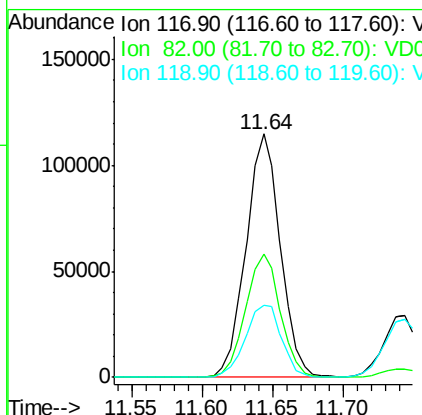
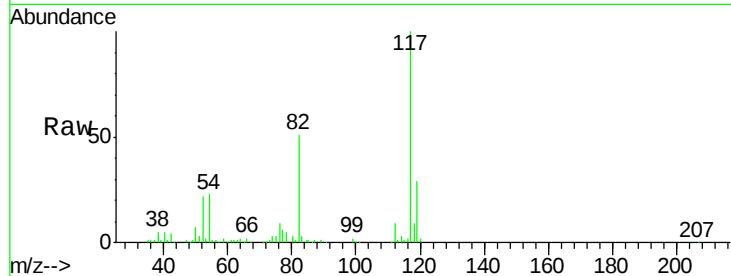




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

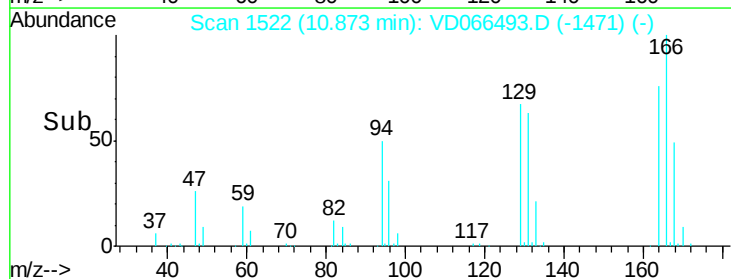
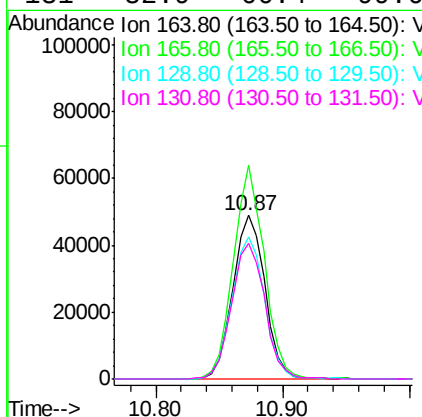
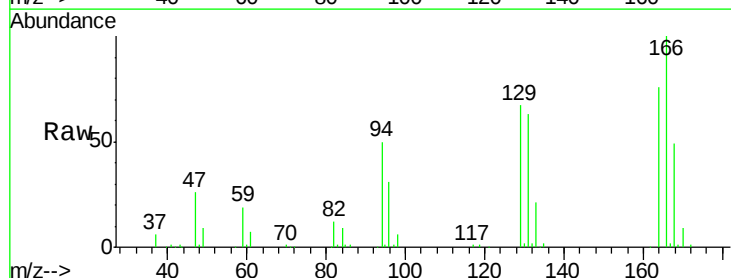
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

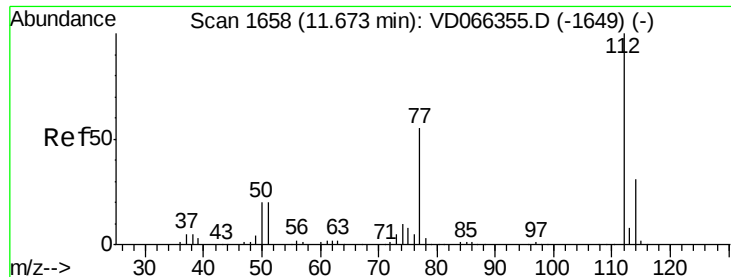
Tot Ion:117 Resp: 195910
Ion Ratio Lower Upper
117 100
82 50.8 42.8 64.2
119 29.5 25.8 38.8



#64
Tetrachloroethene
Concen: 57.541 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion:164 Resp: 85515
Ion Ratio Lower Upper
164 100
166 130.8 96.2 144.4
129 87.2 70.3 105.5
131 82.9 66.4 99.6





#65

Chlorobenzene

Concen: 55.324 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

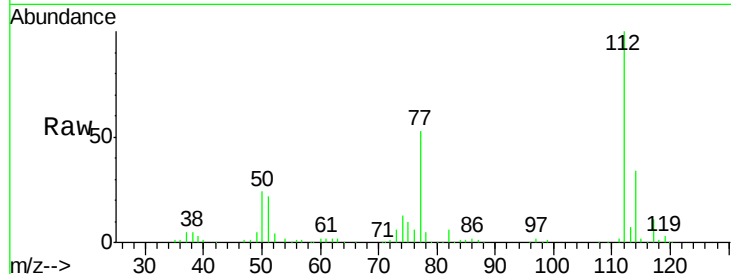
VSTDCCC050

Tot Ion:112 Resp: 215634

Ion Ratio Lower Upper

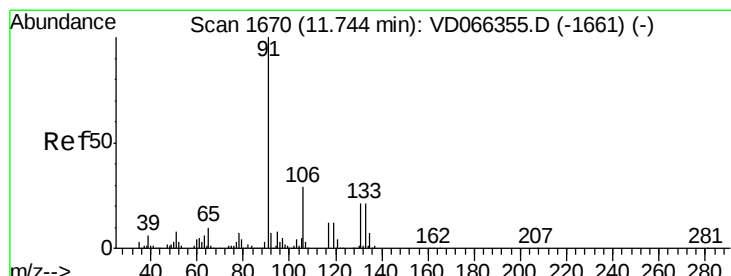
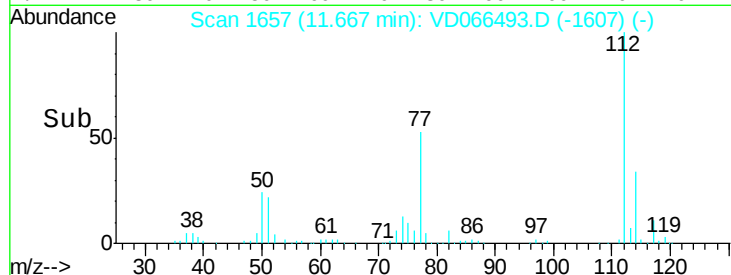
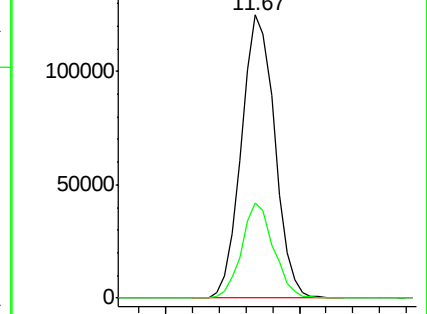
112 100

114 33.8 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 58.229 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

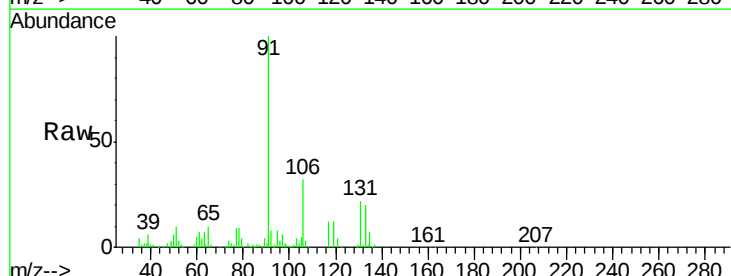
Tgt Ion:131 Resp: 92750

Ion Ratio Lower Upper

131 100

133 93.0 48.6 145.9

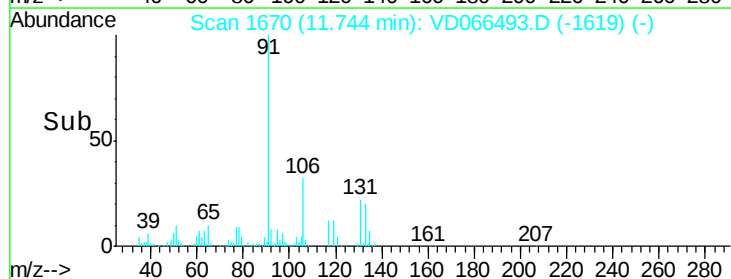
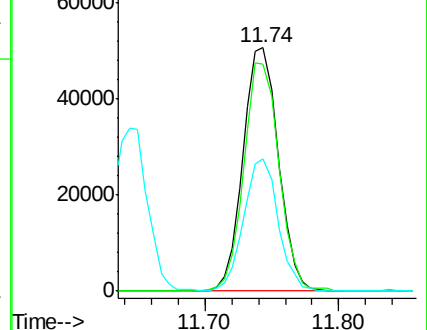
119 52.6 29.0 87.1

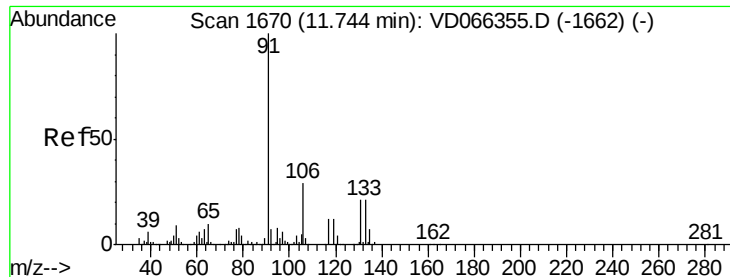


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

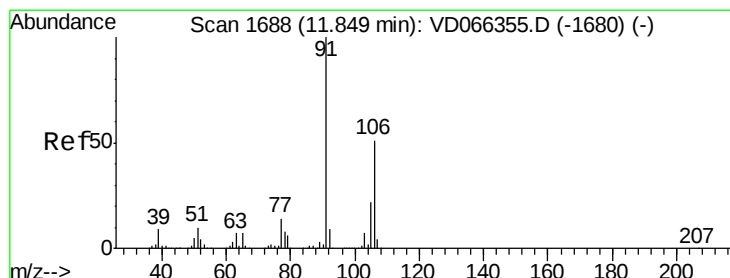
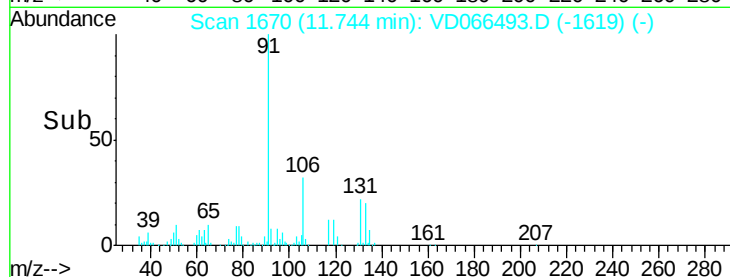
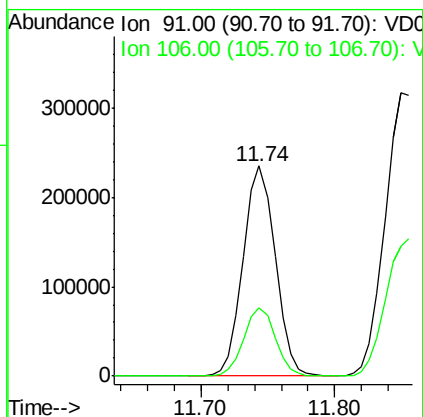
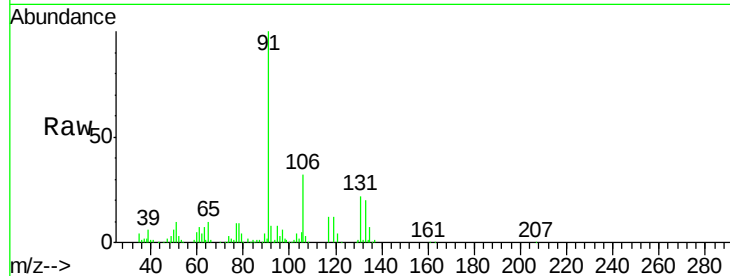




#67
Ethyl Benzene
Concen: 57.136 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

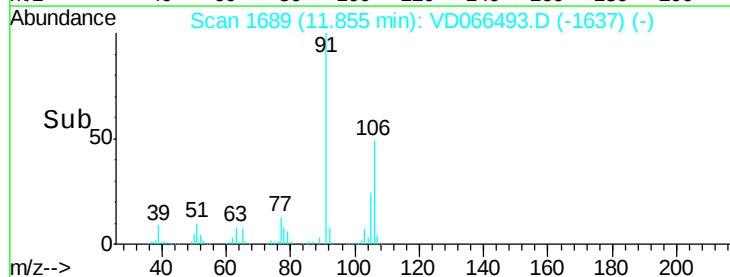
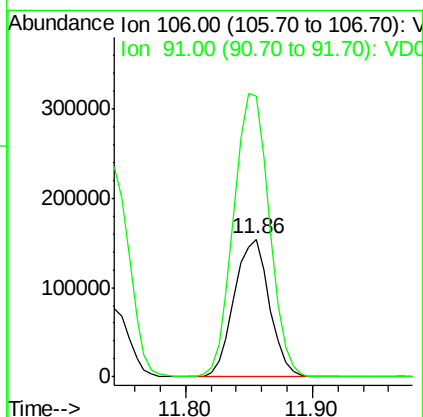
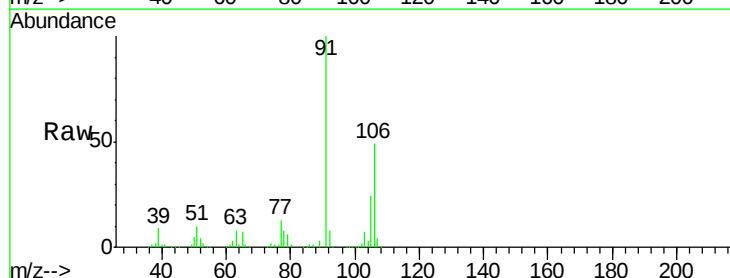
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

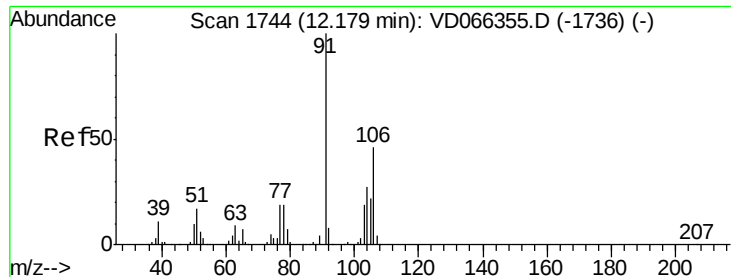
Tot Ion: 91 Resp: 392003
Ion Ratio Lower Upper
91 100
106 32.4 23.4 35.2



#68
m/p-Xylenes
Concen: 113.128 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 106 Resp: 295834
Ion Ratio Lower Upper
106 100
91 209.6 160.7 241.1

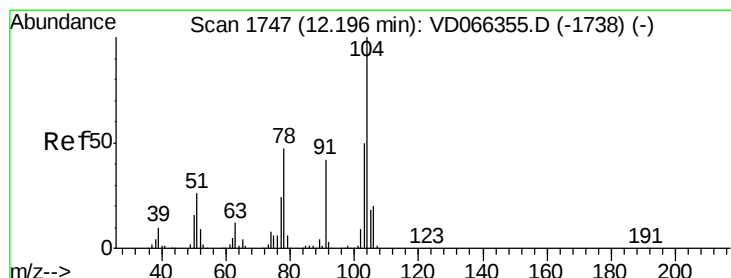
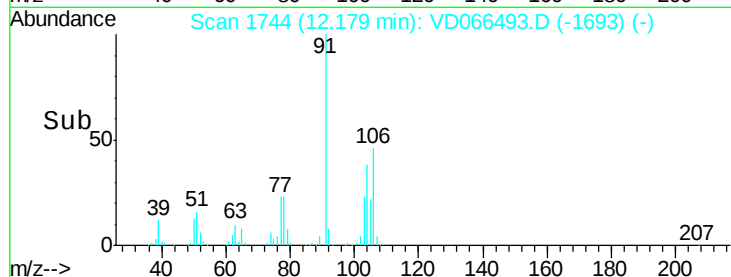
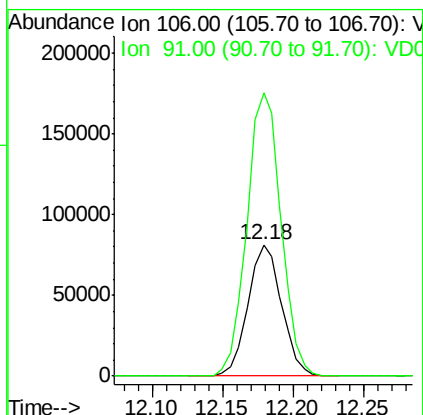
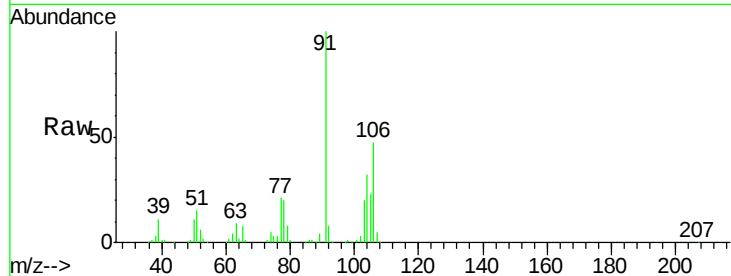




#69
o-Xylene
Concen: 56.003 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

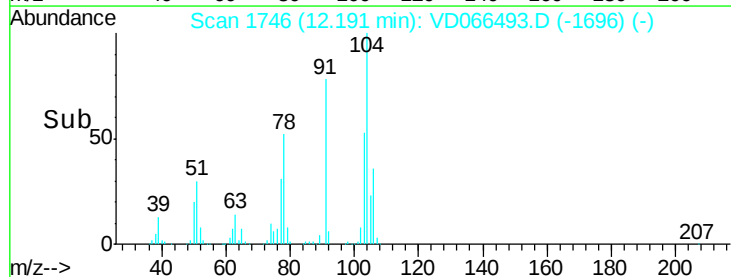
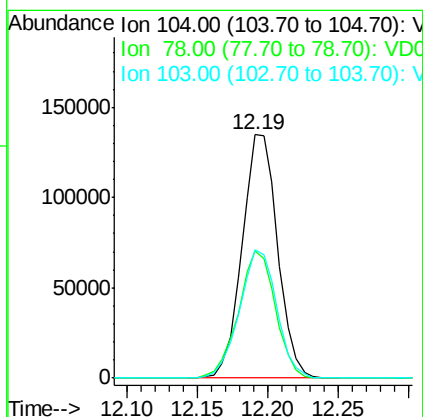
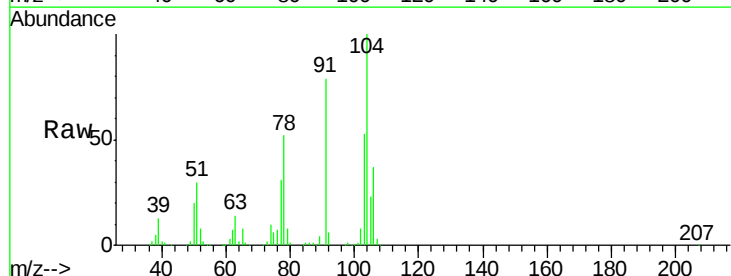
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

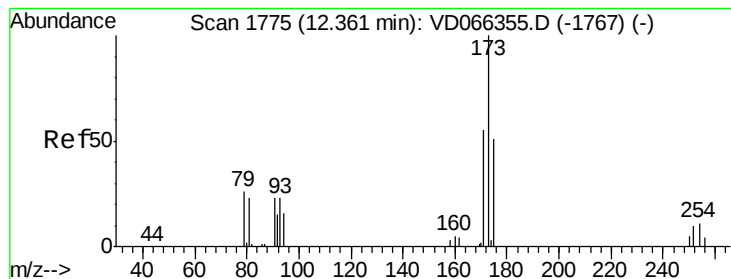
Tot Ion:106 Resp: 136240
Ion Ratio Lower Upper
106 100
91 219.3 109.1 327.3



#70
Styrene
Concen: 56.707 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion:104 Resp: 236873
Ion Ratio Lower Upper
104 100
78 54.6 41.7 62.5
103 55.5 43.5 65.3





#71

Bromoform

Concen: 55.974 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

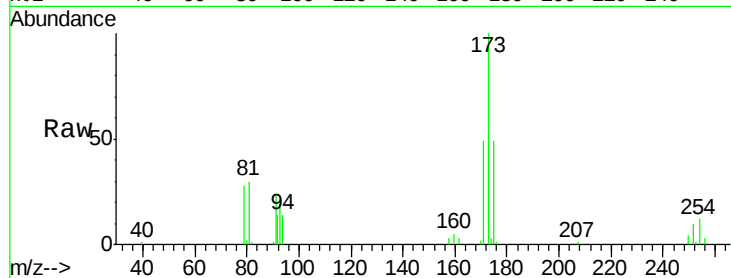
Tot Ion:173 Resp: 50583

Ion Ratio Lower Upper

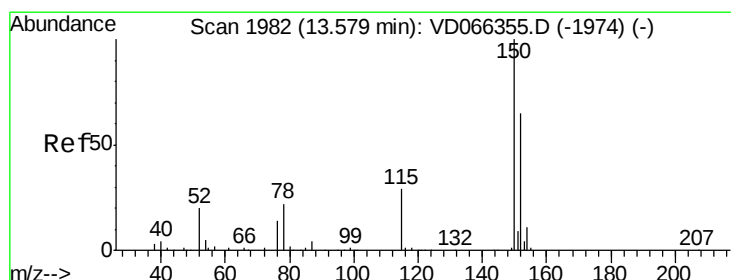
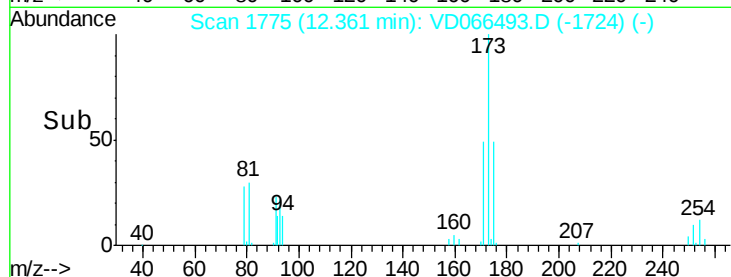
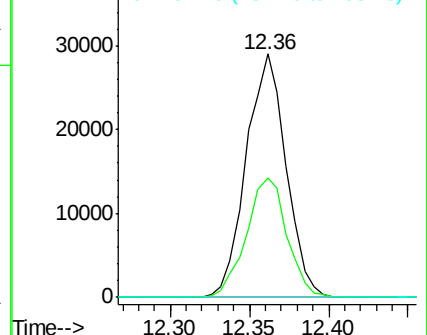
173 100

175 50.1 24.8 74.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

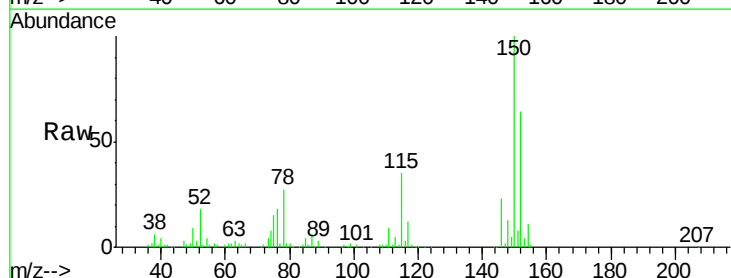
Tgt Ion:152 Resp: 106058

Ion Ratio Lower Upper

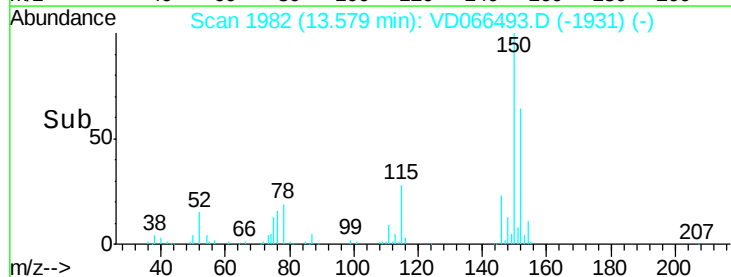
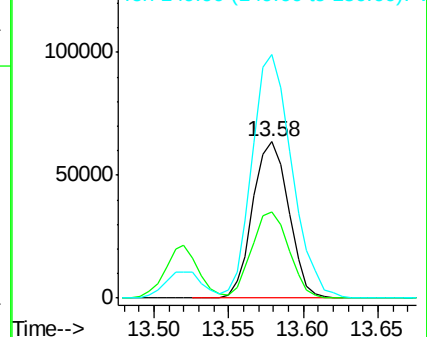
152 100

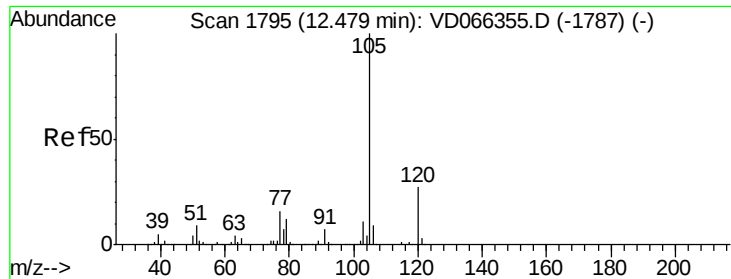
115 56.8 28.3 85.0

150 172.4 0.0 343.2



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

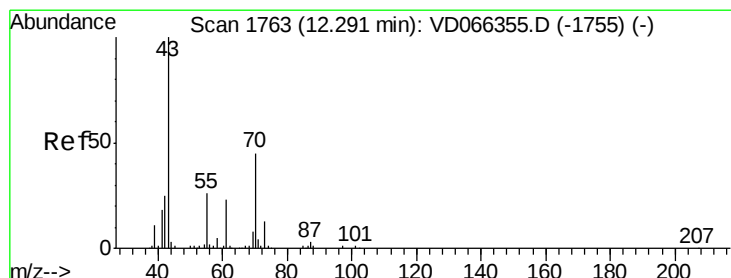
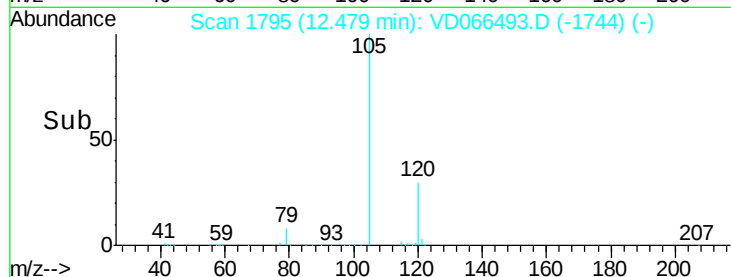
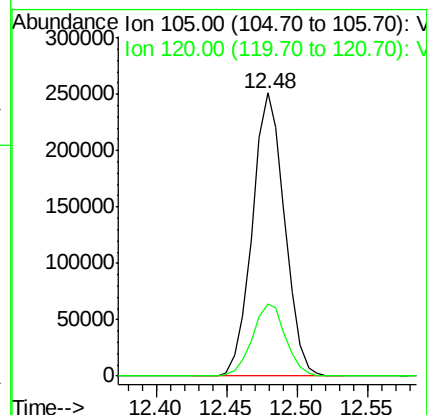
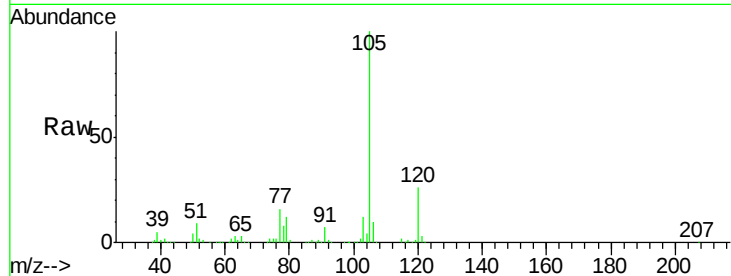




#73
Isopropylbenzene
Concen: 56.627 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

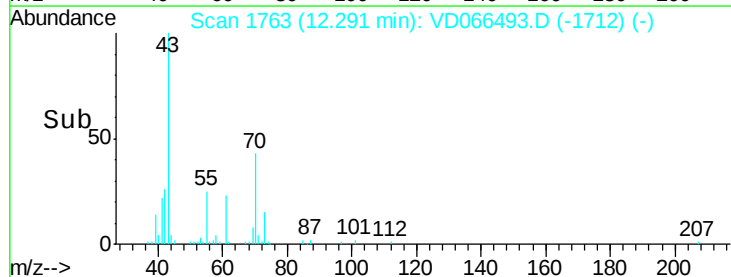
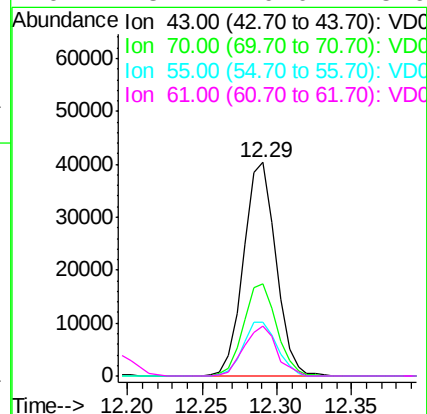
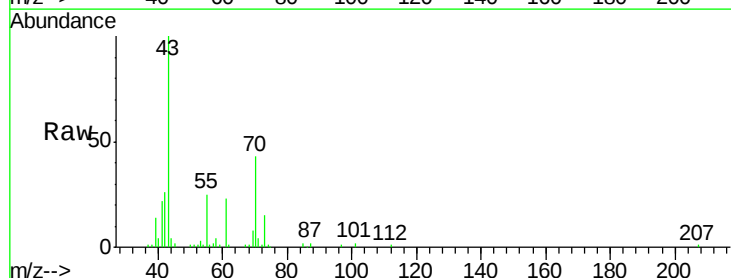
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

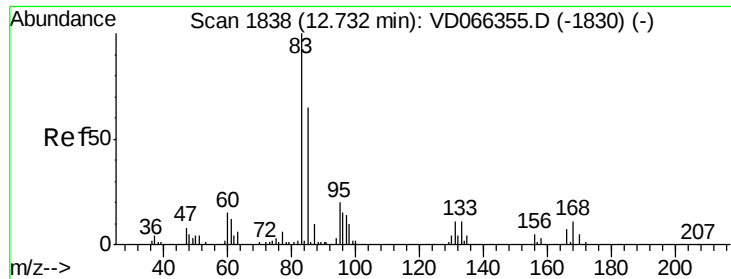
Tot Ion:105 Resp: 402319
Ion Ratio Lower Upper
105 100
120 26.2 13.6 40.8



#74
N-ethyl acetate
Concen: 47.322 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 43 Resp: 60723
Ion Ratio Lower Upper
43 100
70 44.0 34.8 52.2
55 26.6 20.3 30.5
61 23.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.738 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

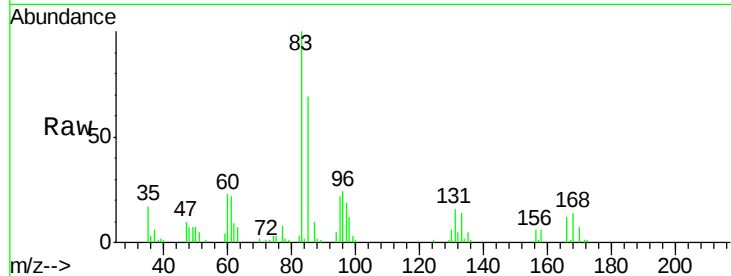
Tot Ion: 83 Resp: 45406

Ion Ratio Lower Upper

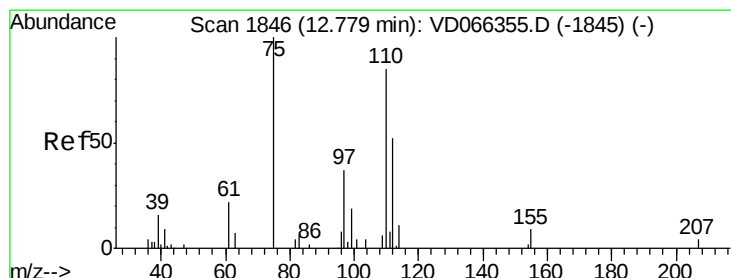
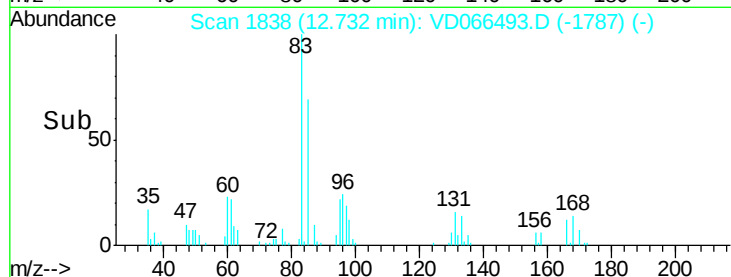
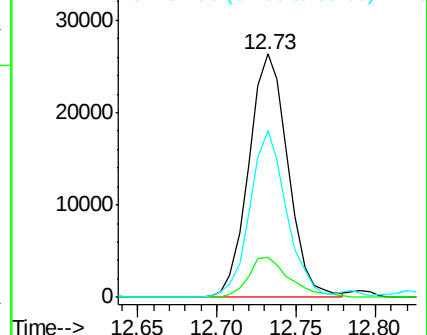
83 100

131 17.2 7.0 20.9

85 64.2 32.4 97.0



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: 56.887 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066493.D

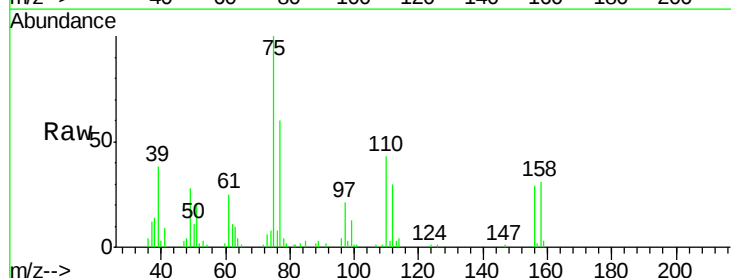
Acq: 01 Sep 2020 13:54

Tgt Ion: 75 Resp: 42445

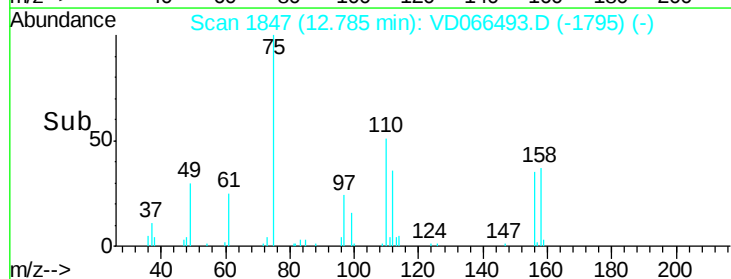
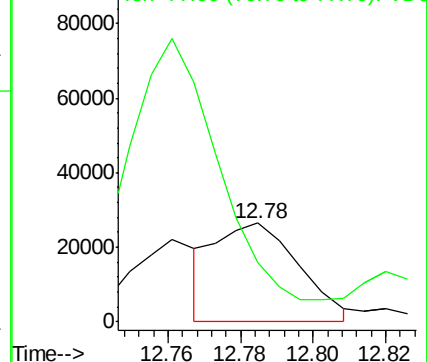
Ion Ratio Lower Upper

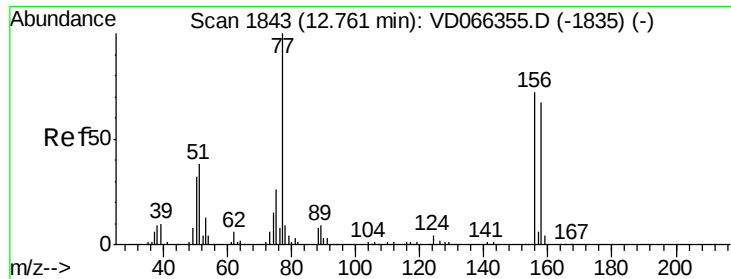
75 100

77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 53.089 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

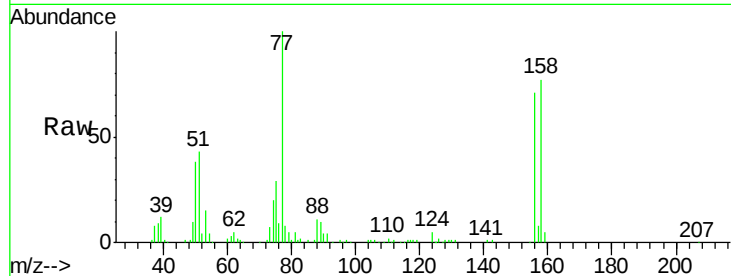
Tot Ion:156 Resp: 95734

Ion Ratio Lower Upper

156 100

77 147.2 76.1 228.3

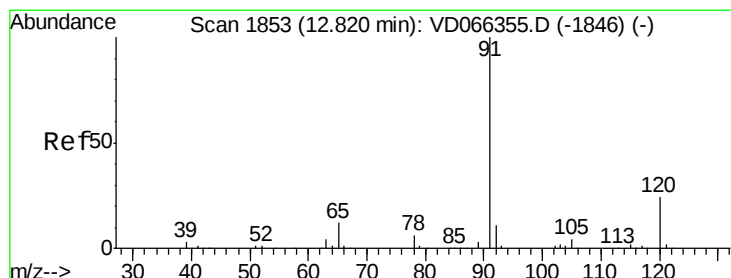
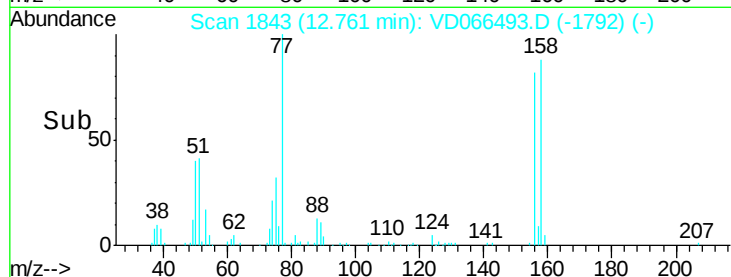
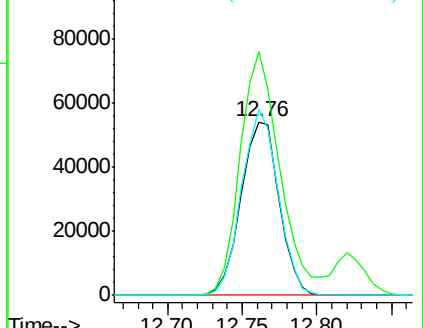
158 102.5 47.6 142.9



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: 53.436 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066493.D

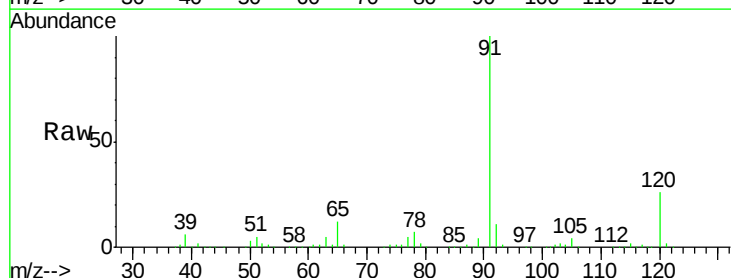
Acq: 01 Sep 2020 13:54

Tgt Ion: 91 Resp: 435306

Ion Ratio Lower Upper

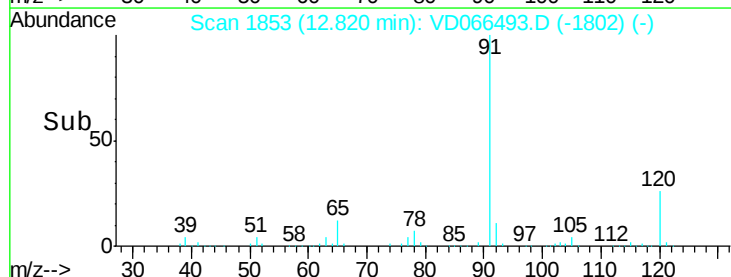
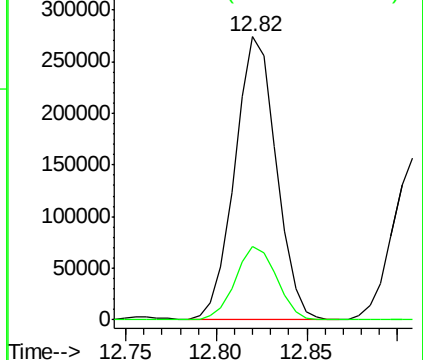
91 100

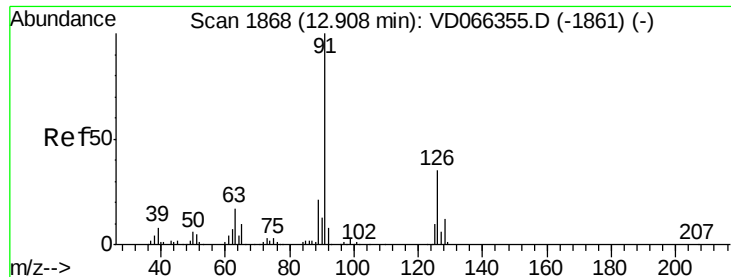
120 26.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.584 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

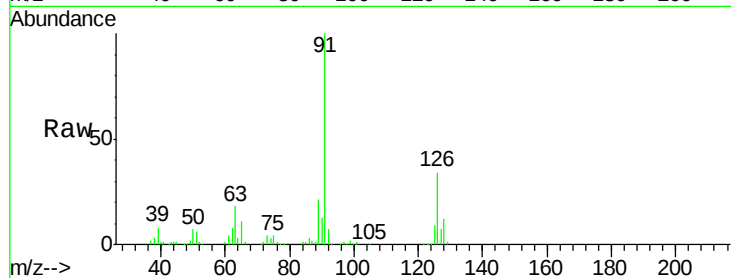
VSTDCCC050

Tot Ion: 91 Resp: 249311

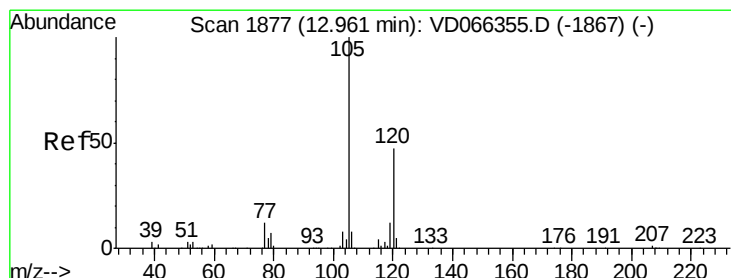
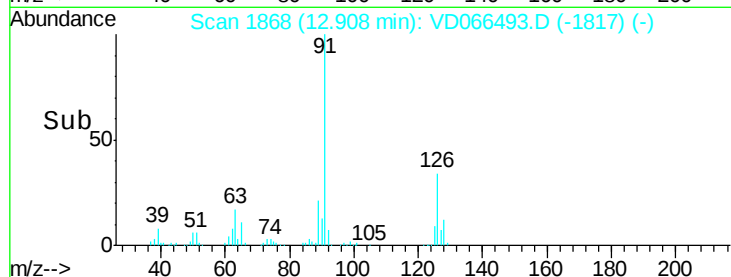
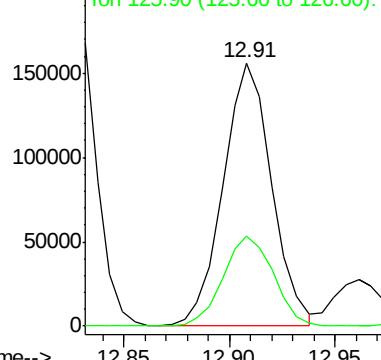
Ion Ratio Lower Upper

91 100

126 35.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066493.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 57.284 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066493.D

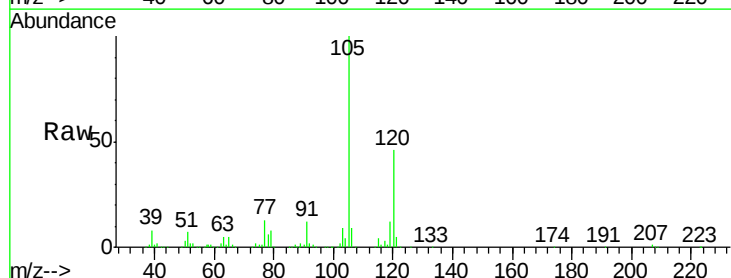
Acq: 01 Sep 2020 13:54

Tgt Ion:105 Resp: 351401

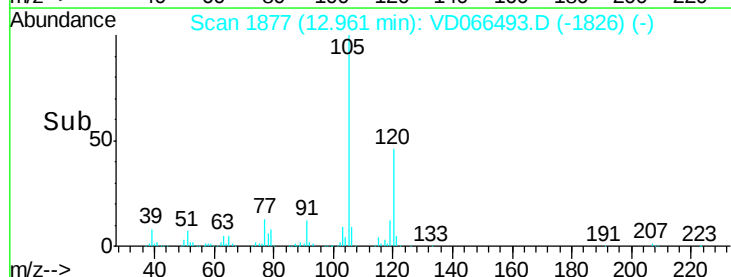
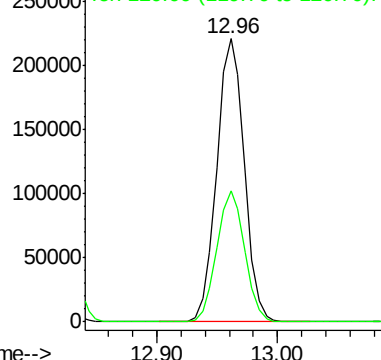
Ion Ratio Lower Upper

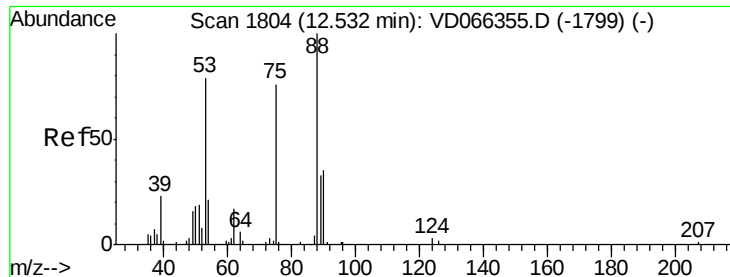
105 100

120 46.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066493.D (-1826) (-)

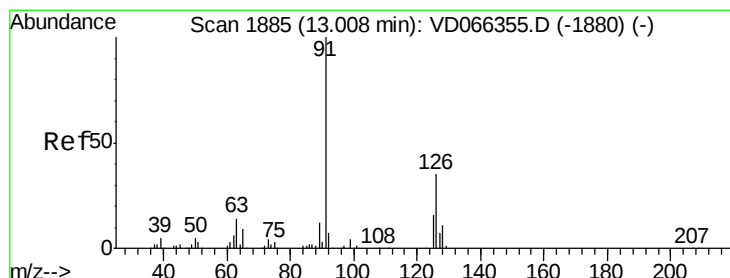
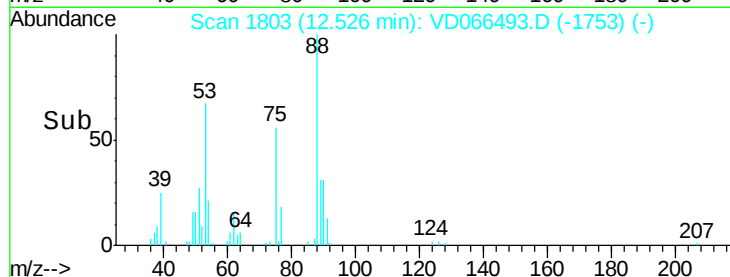
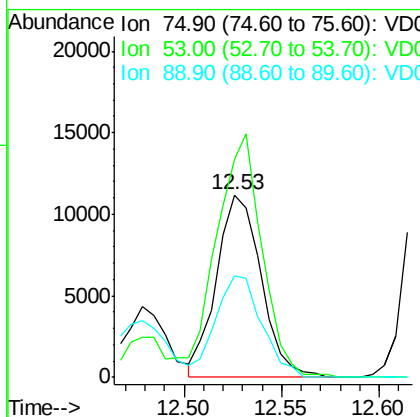
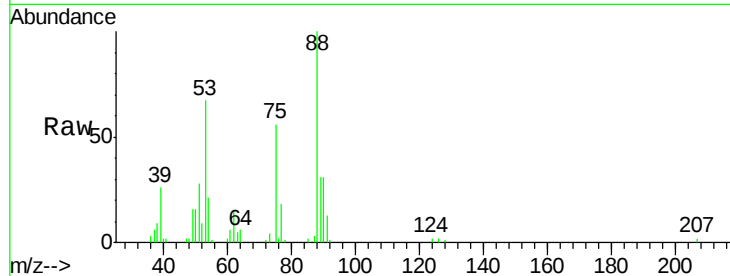




#81
trans-1,4-Dichloro-2-butene
Concen: 50.449 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

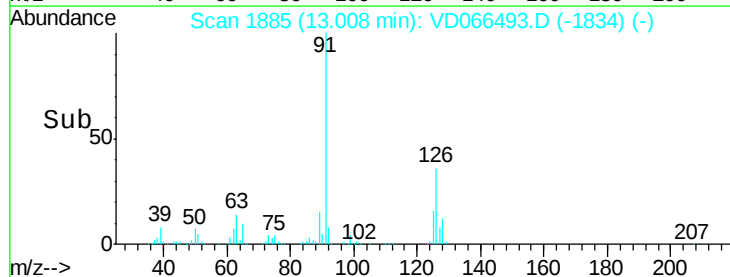
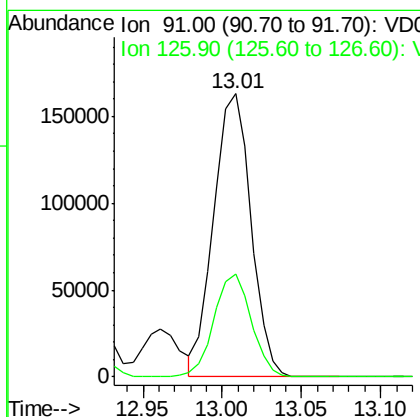
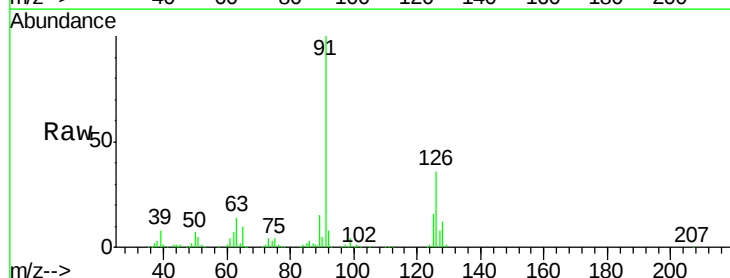
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

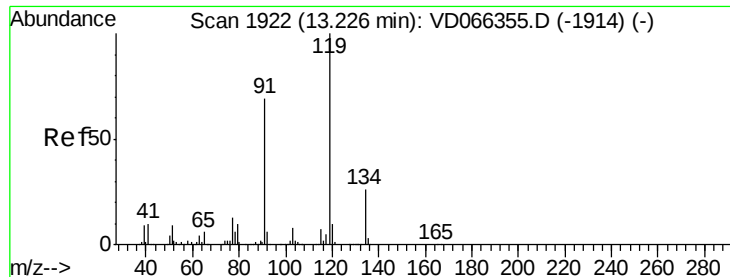
Tot Ion: 75 Resp: 17733
Ion Ratio Lower Upper
75 100
53 133.8 87.4 131.2#
89 57.5 39.4 59.0



#82
4-Chlorotoluene
Concen: 54.216 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 91 Resp: 267250
Ion Ratio Lower Upper
91 100
126 36.5 17.4 52.2

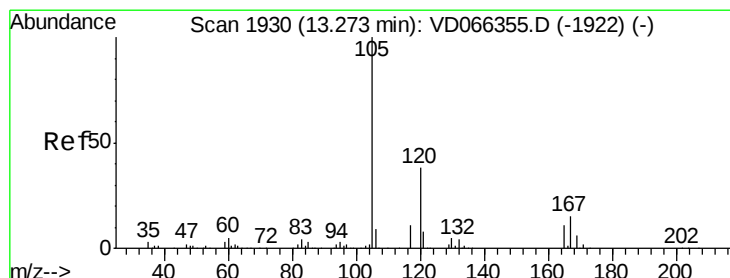
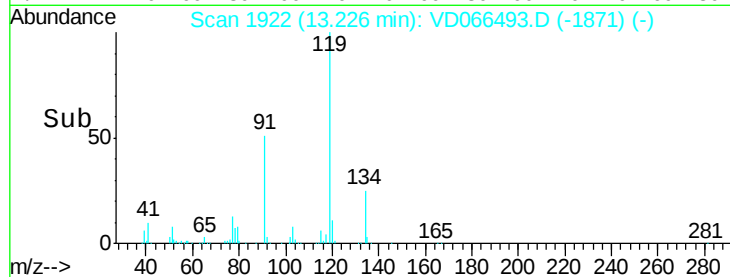
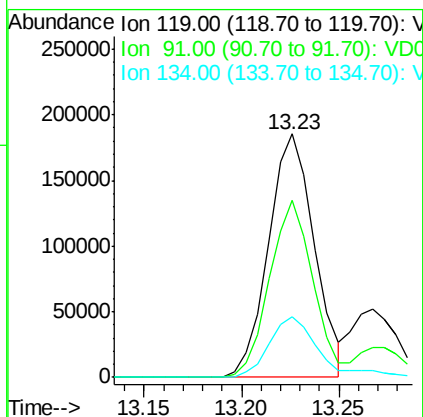
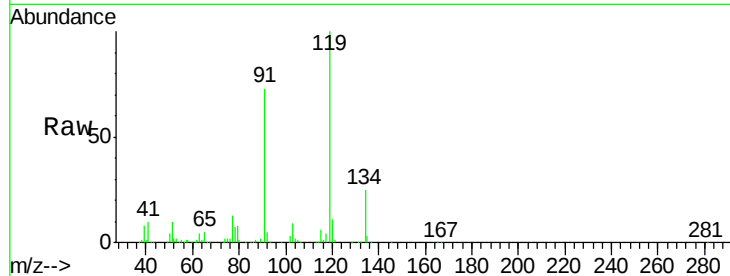




#83
tert-Butylbenzene
Concen: 56.534 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

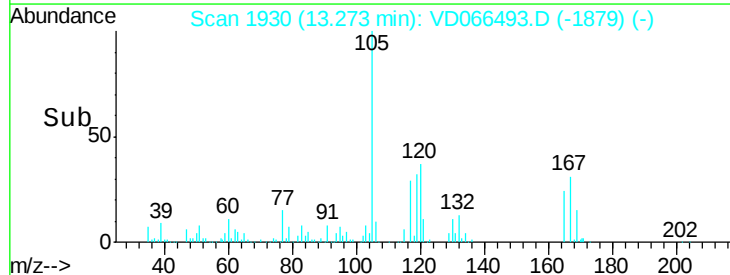
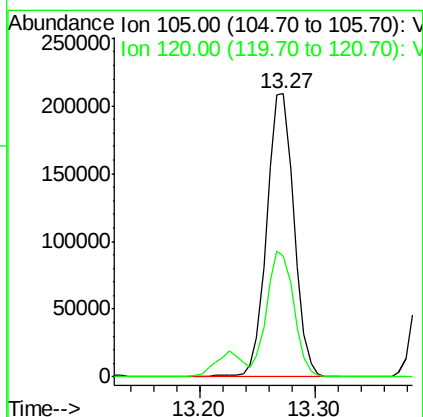
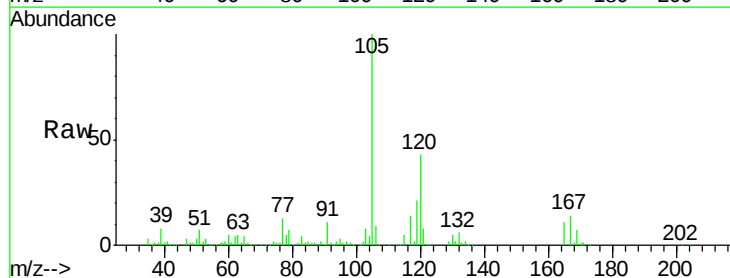
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

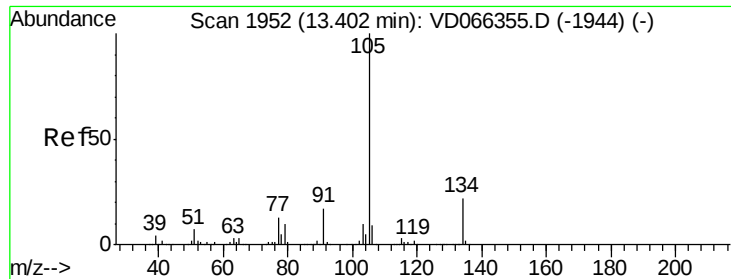
Tot Ion:119 Resp: 301224
Ion Ratio Lower Upper
119 100
91 69.8 33.5 100.5
134 27.2 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 57.307 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion:105 Resp: 345283
Ion Ratio Lower Upper
105 100
120 44.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 56.326 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

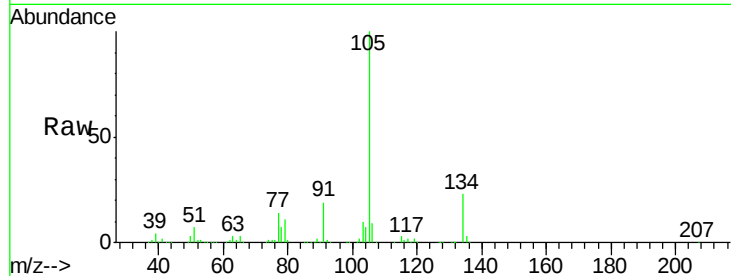
VSTDCCC050

Tot Ion:105 Resp: 393212

Ion Ratio Lower Upper

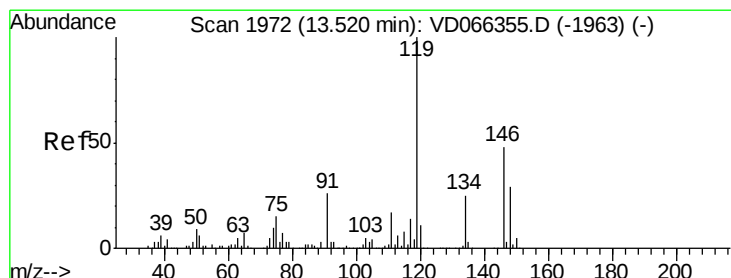
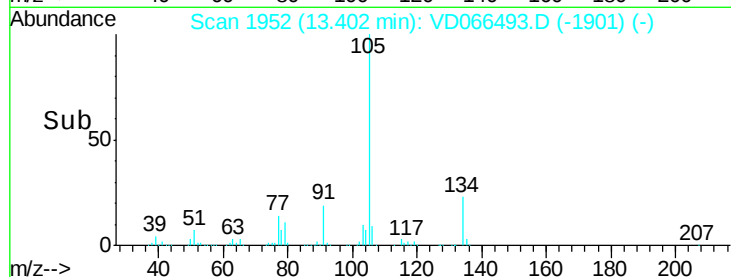
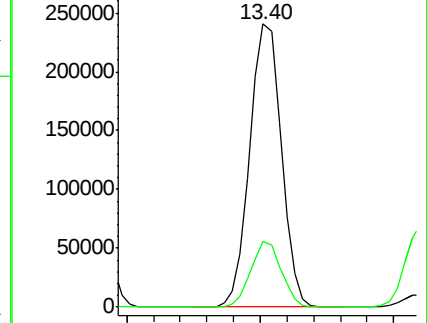
105 100

134 22.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.475 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066493.D

Acq: 01 Sep 2020 13:54

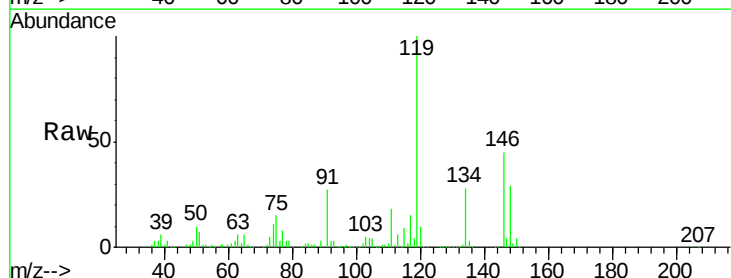
Tgt Ion:119 Resp: 386888

Ion Ratio Lower Upper

119 100

134 26.6 12.8 38.3

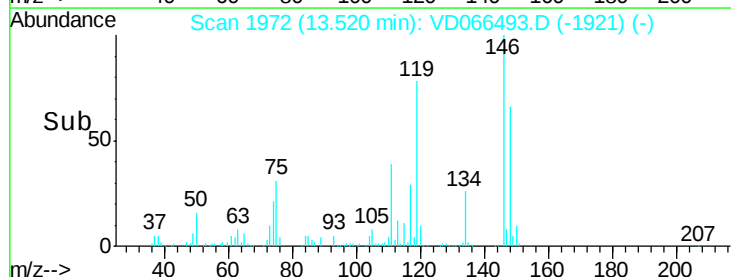
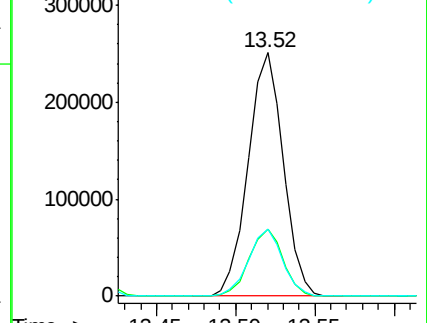
91 26.6 12.7 38.0

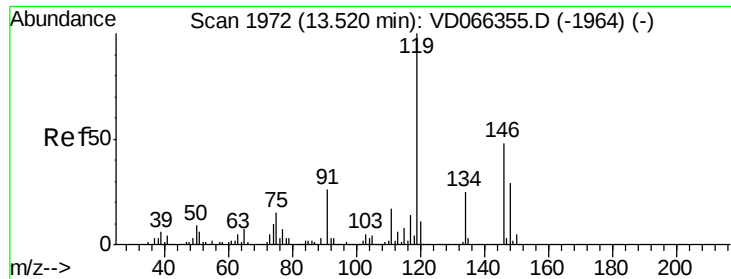


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

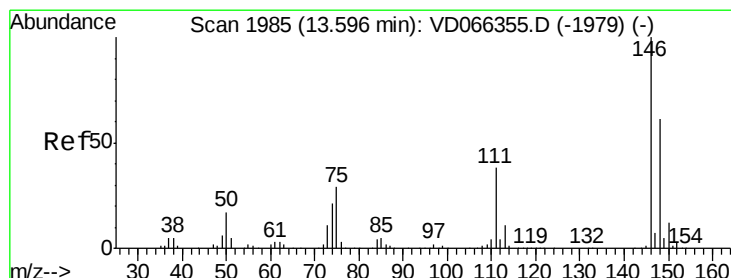
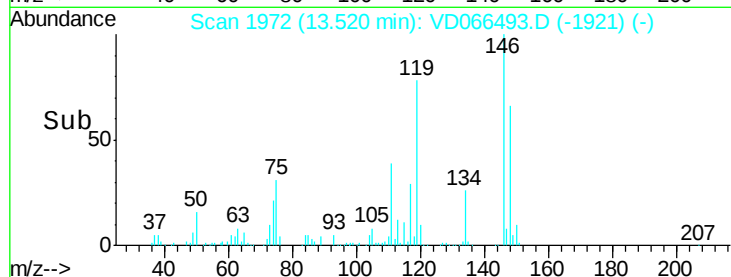
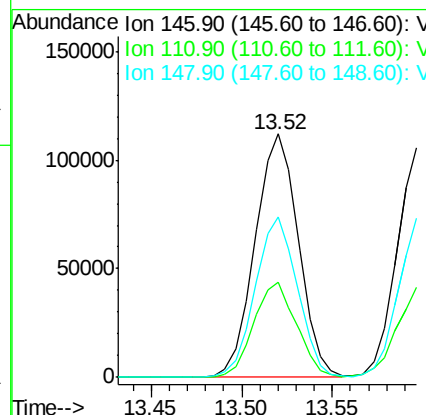
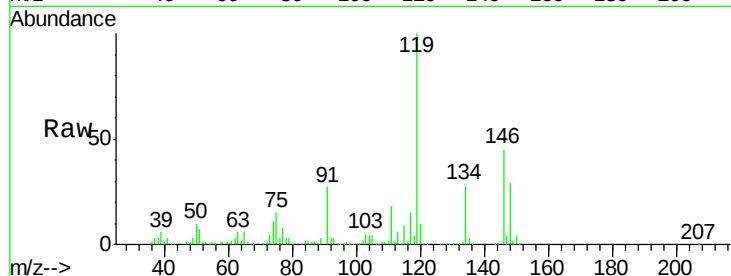




#87
 1,3-Dichlorobenzene
 Concen: 55.255 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

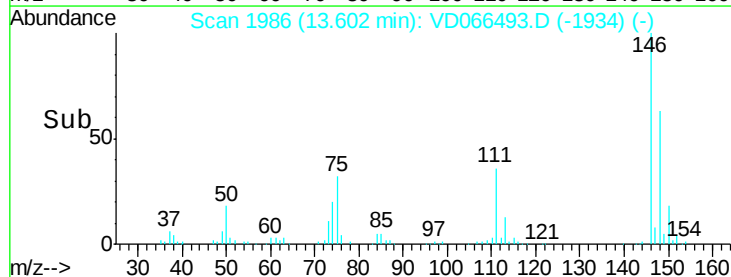
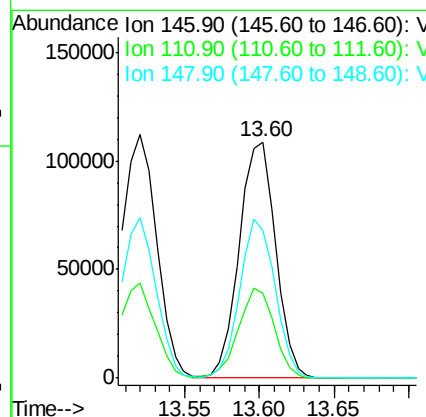
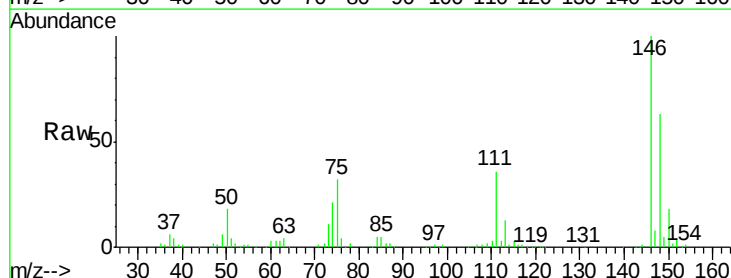
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

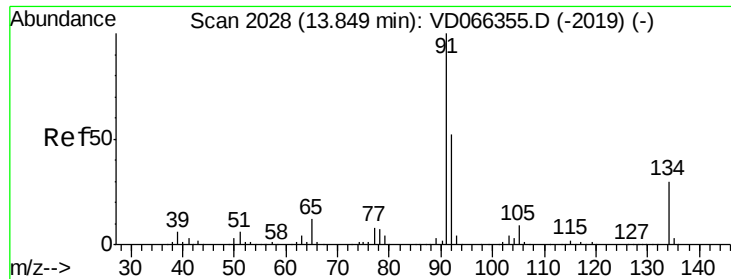
Tot Ion:146 Resp: 185997
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.9
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 54.744 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion:146 Resp: 185026
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.5
 148 65.2 32.1 96.3

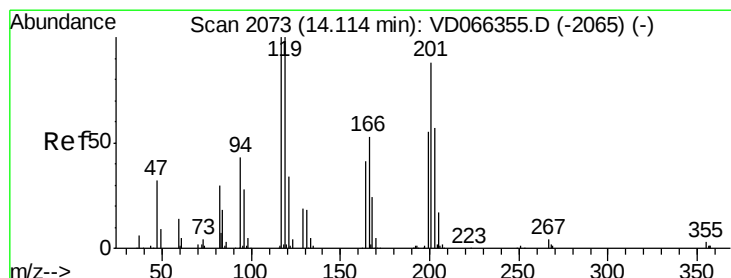
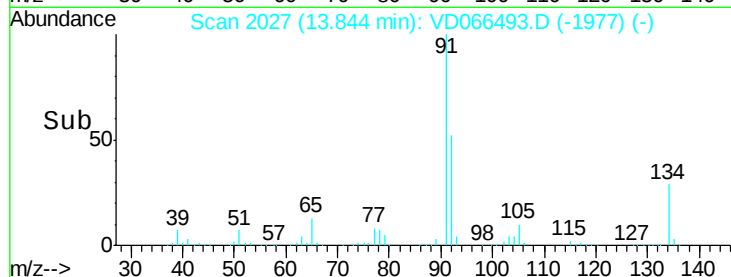
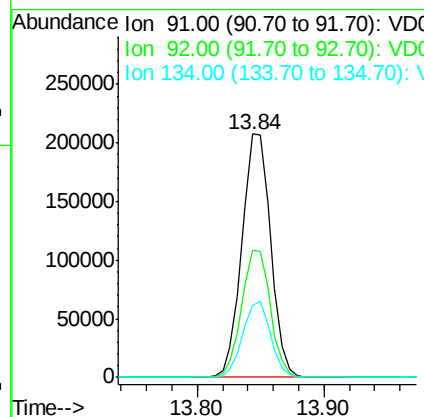
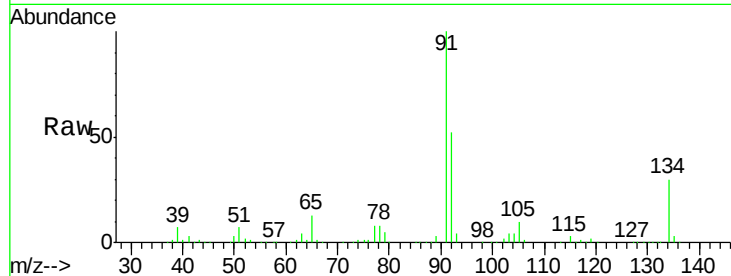




#89
n-Butylbenzene
Concen: 54.820 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

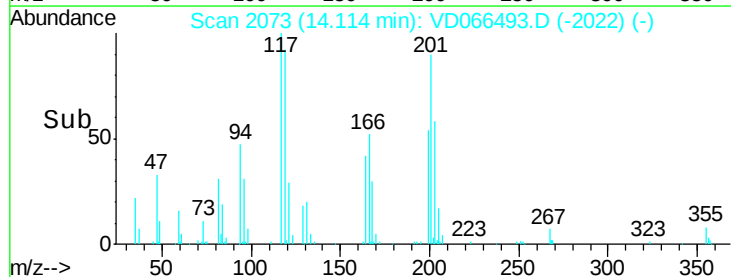
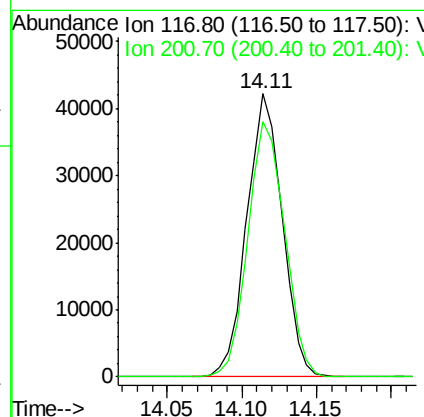
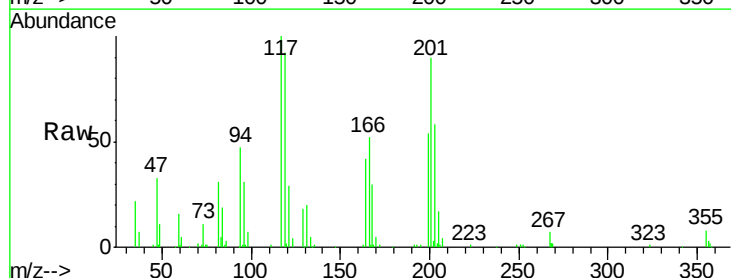
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

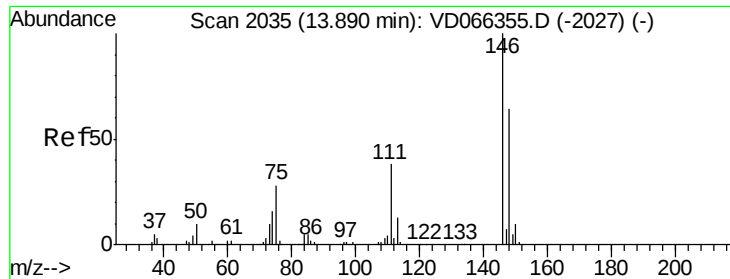
Tot Ion: 91 Resp: 325638
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.0
134 30.4 14.4 43.4



#90
Hexachloroethane
Concen: 52.109 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion: 117 Resp: 69291
Ion Ratio Lower Upper
117 100
201 93.6 45.4 136.2

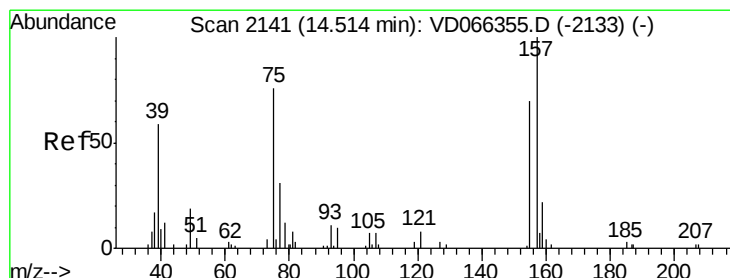
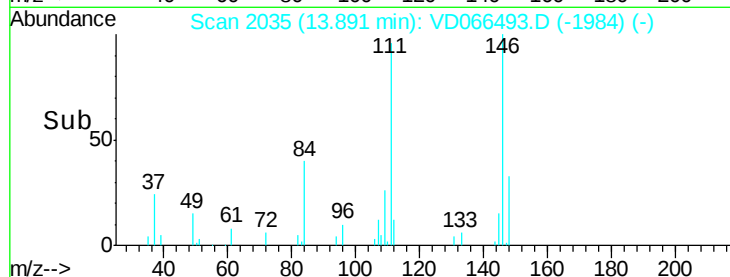
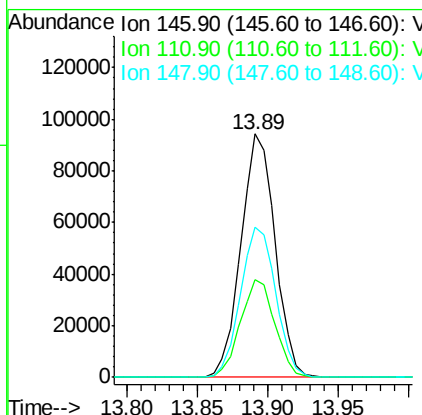
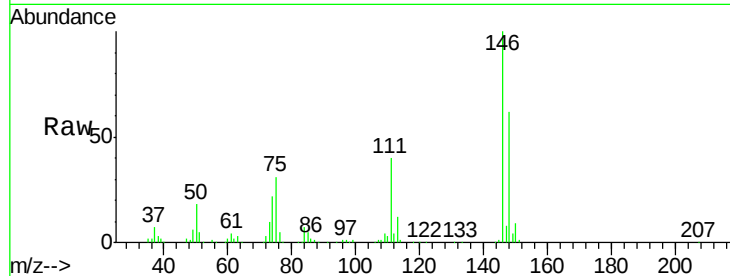




#91
 1,2-Dichlorobenzene
 Concen: 55.027 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

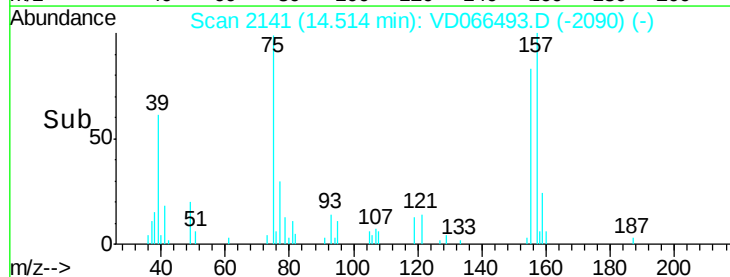
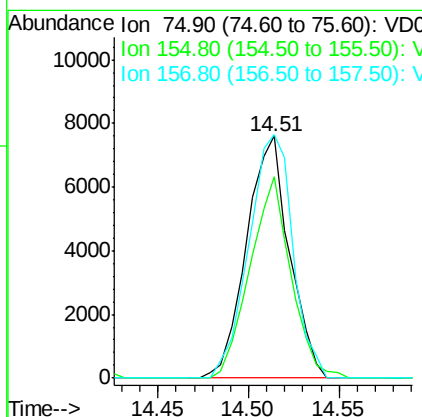
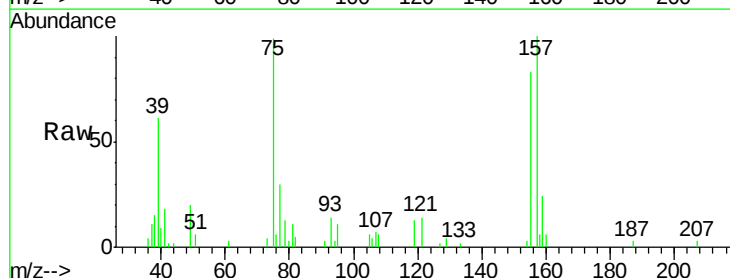
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

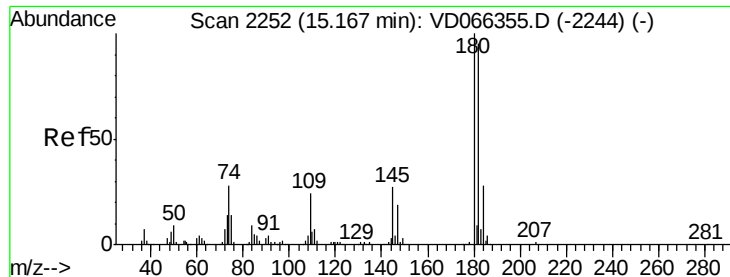
Tot Ion:146 Resp: 159457
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.9 59.7
 148 63.8 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.628 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion: 75 Resp: 12480
 Ion Ratio Lower Upper
 75 100
 155 79.3 46.9 140.6
 157 103.4 61.0 183.0

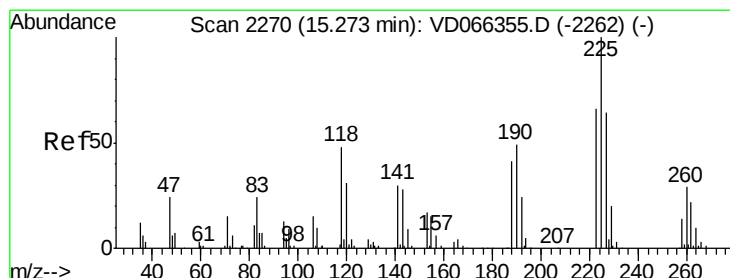
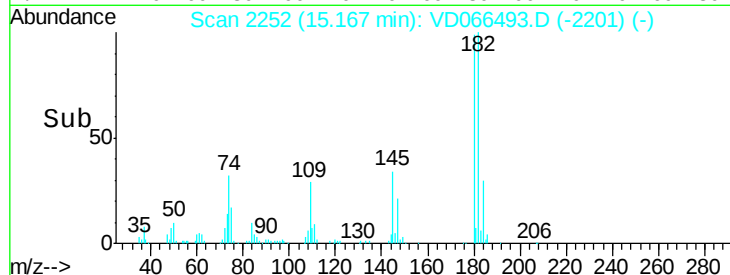
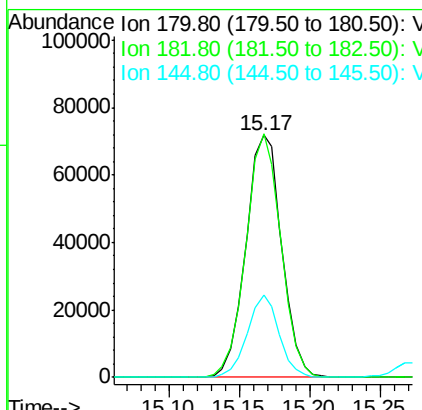
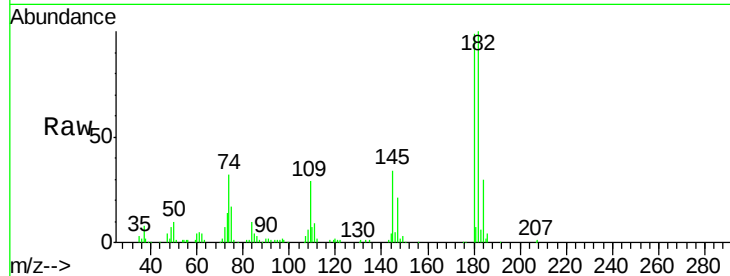




#93
 1,2,4-Trichlorobenzene
 Concen: 56.434 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

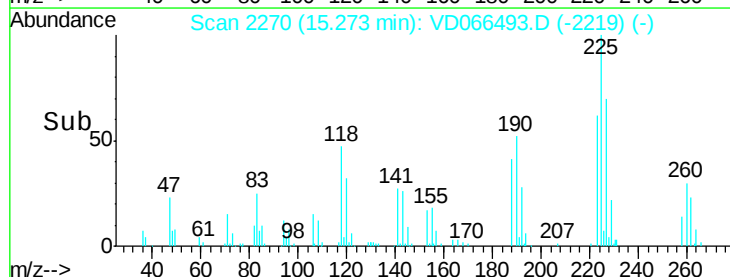
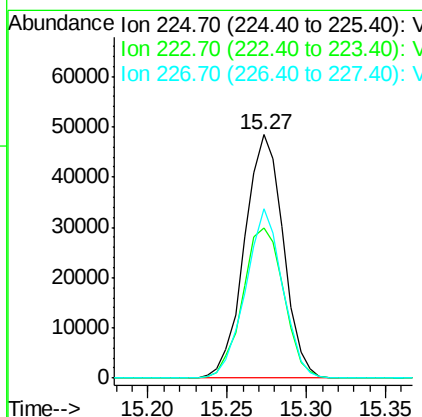
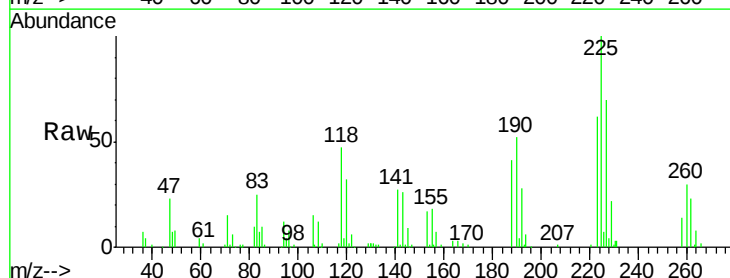
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

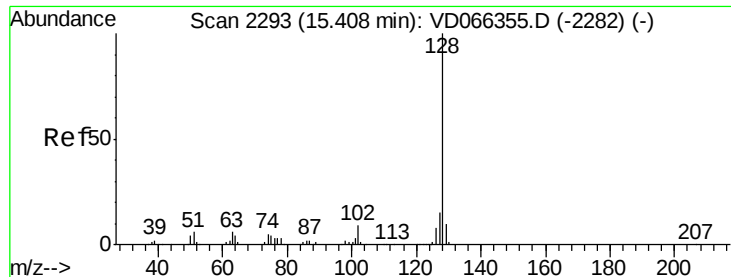
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.2	48.0	144.0
145	30.4	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 58.601 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066493.D
 Acq: 01 Sep 2020 13:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.5	97.4
227	66.2	33.0	98.9

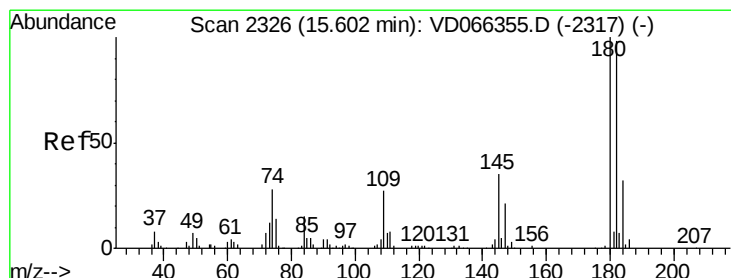
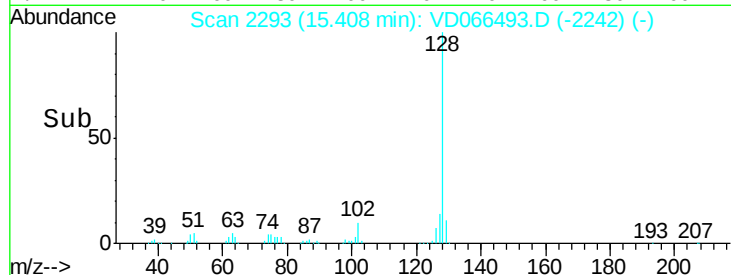
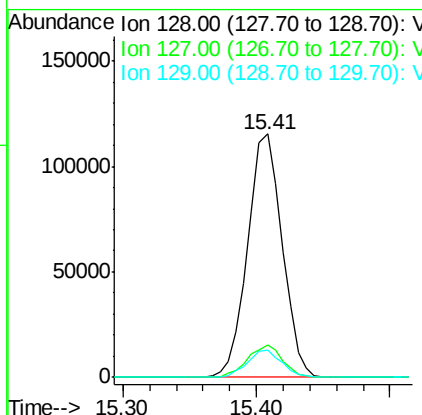
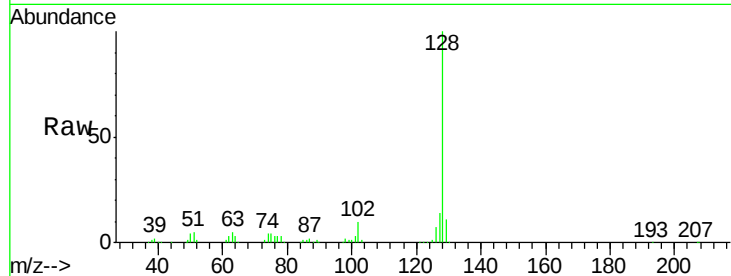




#95
Naphthalene
Concen: 58.054 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 206275
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 56.309 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066493.D
Acq: 01 Sep 2020 13:54

Tgt Ion:180 Resp: 109124
Ion Ratio Lower Upper
180 100
182 97.9 46.7 140.0
145 32.4 16.0 48.0

