

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072639.D
 Acq On : 20 Apr 2022 11:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 20 14:47:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	357531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	573799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	542705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	275820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	210928	48.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.540%
35) Dibromofluoromethane	7.908	113	237828	53.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.660%
50) Toluene-d8	10.332	98	788853	50.892	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.620	95	310723	51.328	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	134986	47.572	ug/l	92
3) Chloromethane	2.209	50	140188	53.415	ug/l	95
4) Vinyl Chloride	2.350	62	151041	50.069	ug/l	99
5) Bromomethane	2.767	94	109527	54.157	ug/l	99
6) Chloroethane	2.920	64	108246	55.998	ug/l	92
7) Trichlorofluoromethane	3.273	101	335326	54.446	ug/l	97
8) Diethyl Ether	3.709	74	100132	54.709	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.091	101	220733	53.739	ug/l	95
10) Methyl Iodide	4.297	142	183539	48.092	ug/l	99
11) Tert butyl alcohol	5.209	59	88942	389.412	ug/l #	94
12) 1,1-Dichloroethene	4.067	96	178987	55.737	ug/l	91
13) Acrolein	3.926	56	15392	151.861	ug/l	92
14) Allyl chloride	4.714	41	285899	50.684	ug/l #	92
15) Acrylonitrile	5.414	53	240680	262.945	ug/l	98
16) Acetone	4.150	43	223020	276.536	ug/l	95
17) Carbon Disulfide	4.409	76	345123	49.651	ug/l	100
18) Methyl Acetate	4.714	43	104531	46.008	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	509043	54.310	ug/l	98
20) Methylene Chloride	4.967	84	252407	52.572	ug/l #	83
21) trans-1,2-Dichloroethene	5.467	96	203200	51.815	ug/l	89
22) Diisopropyl ether	6.361	45	707933	54.870	ug/l #	91
23) Vinyl Acetate	6.303	43	1838389	264.541	ug/l #	92
24) 1,1-Dichloroethane	6.261	63	423378	54.456	ug/l	97
25) 2-Butanone	7.208	43	301227	270.067	ug/l #	85
26) 2,2-Dichloropropane	7.203	77	386424	55.958	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	264638	54.277	ug/l	92
28) Bromochloromethane	7.544	49	180546	54.198	ug/l #	80
29) Tetrahydrofuran	7.555	42	175733	260.963	ug/l #	88
30) Chloroform	7.702	83	465988	53.282	ug/l	96
31) Cyclohexane	7.985	56	302600	53.507	ug/l	87
32) 1,1,1-Trichloroethane	7.902	97	412390	55.595	ug/l	95
36) 1,1-Dichloropropene	8.108	75	301064	52.768	ug/l	94
37) Ethyl Acetate	7.285	43	130097	55.060	ug/l #	96
38) Carbon Tetrachloride	8.091	117	350529	57.059	ug/l	99
39) Methylcyclohexane	9.349	83	343332	51.634	ug/l	96
40) Benzene	8.344	78	900324	57.812	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	77817	56.143	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	261070	54.846	ug/l	95
43) Isopropyl Acetate	8.444	43	251725	55.540	ug/l #	92
44) Trichloroethene	9.108	130	253294	57.290	ug/l	95
45) 1,2-Dichloropropane	9.379	63	245171	56.593	ug/l	99
46) Dibromomethane	9.473	93	129614	57.027	ug/l	98
47) Bromodichloromethane	9.655	83	361411	55.349	ug/l	99
48) Methyl methacrylate	9.449	41	124220	56.453	ug/l #	86
49) 1,4-Dioxane	9.455	88	30685	1134.936	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	678011	278.795	ug/l	91
52) Toluene	10.396	92	593685	57.384	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	321144	56.440	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	386006	57.378	ug/l #	85
55) 1,1,2-Trichloroethane	10.791	97	194767	56.524	ug/l	97
56) Ethyl methacrylate	10.655	69	222597	52.479	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	315878	55.452	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	487370	286.492	ug/l	94
59) 2-Hexanone	10.973	43	475226	287.360	ug/l	92
60) Dibromochloromethane	11.132	129	245595	55.255	ug/l	100
61) 1,2-Dibromoethane	11.238	107	174277	56.965	ug/l	99
64) Tetrachloroethene	10.867	164	195393	55.105	ug/l	95
65) Chlorobenzene	11.661	112	661105	54.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	267147	55.071	ug/l	98
67) Ethyl Benzene	11.738	91	1182340	55.845	ug/l	98
68) m/p-Xylenes	11.843	106	912343	113.587	ug/l	98
69) o-Xylene	12.173	106	430134	55.503	ug/l	98
70) Styrene	12.185	104	761178	55.731	ug/l	97
71) Bromoform	12.349	173	136316	53.008	ug/l #	99
73) Isopropylbenzene	12.467	105	1205650	54.125	ug/l	99
74) N-amyl acetate	12.279	43	244739	52.364	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	212634	50.396	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	263398	87.558	ug/l #	100
77) Bromobenzene	12.749	156	268292	53.736	ug/l	91
78) n-propylbenzene	12.808	91	1454415	54.123	ug/l	98
79) 2-Chlorotoluene	12.896	91	829649	52.792	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1017799	53.350	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	67560	55.108	ug/l	87
82) 4-Chlorotoluene	12.990	91	873925	53.395	ug/l	100
83) tert-Butylbenzene	13.208	119	899521	54.464	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	1000893	53.651	ug/l	100
85) sec-Butylbenzene	13.390	105	1334081	53.626	ug/l	99
86) p-Isopropyltoluene	13.502	119	1092202	53.712	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	547189	52.891	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	545065	52.273	ug/l	99
89) n-Butylbenzene	13.826	91	1044005	53.895	ug/l	99
90) Hexachloroethane	14.096	117	215304	51.721	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	474619	52.014	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	33798	54.164	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	299456	52.944	ug/l	99
94) Hexachlorobutadiene	15.249	225	169323	53.445	ug/l	98
95) Naphthalene	15.379	128	542684	49.379	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	261624	52.998	ug/l	98

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QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

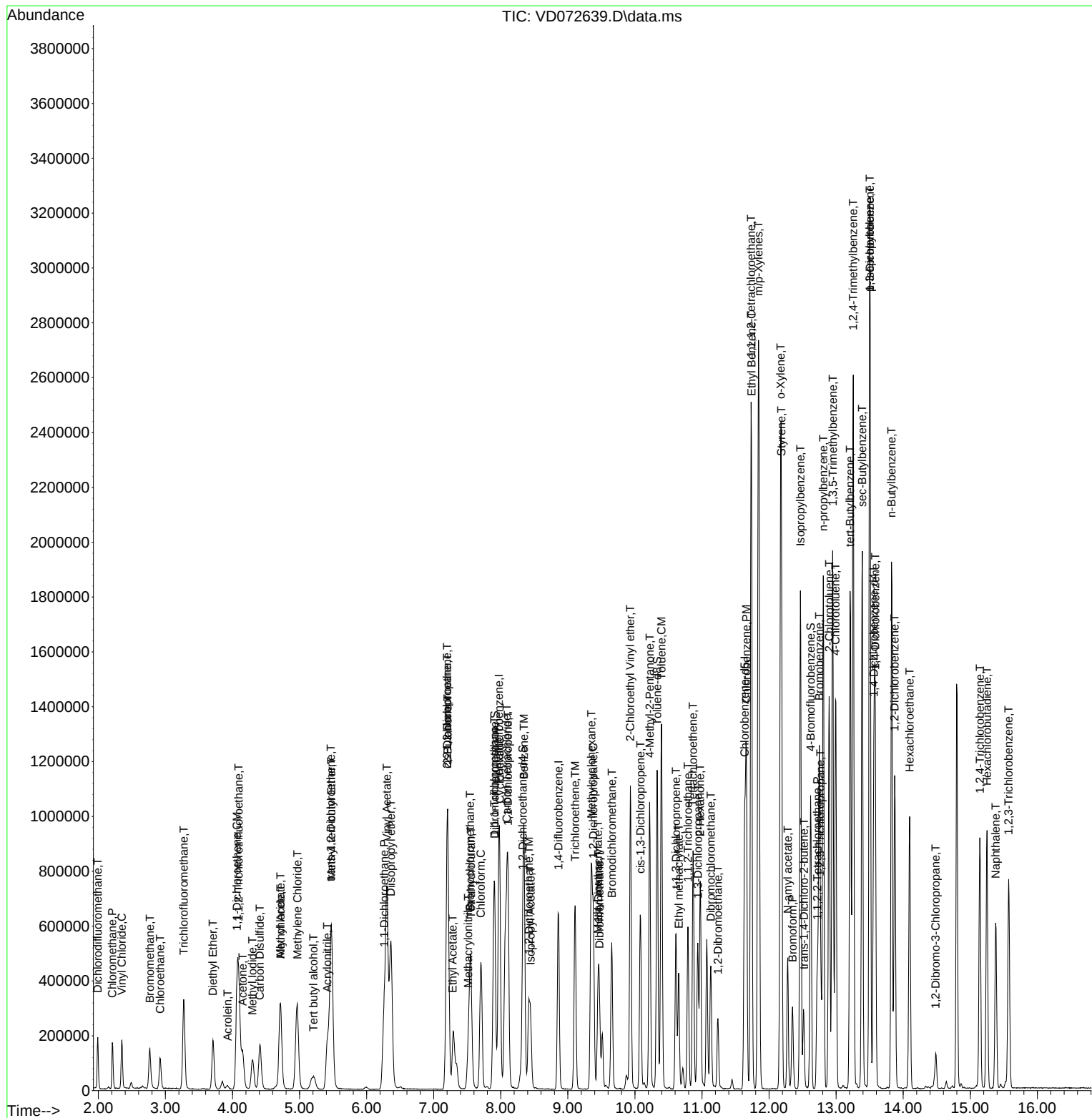
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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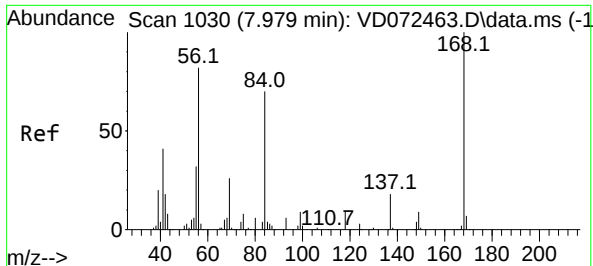
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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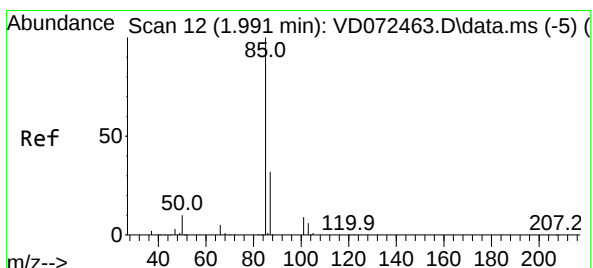
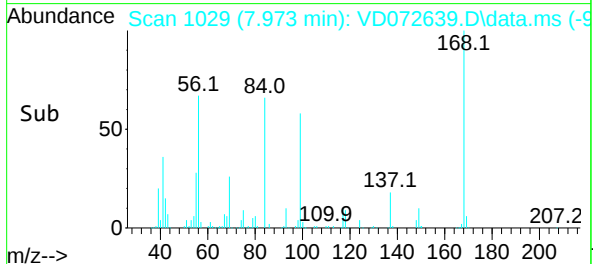
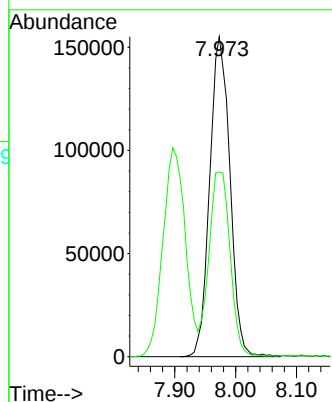
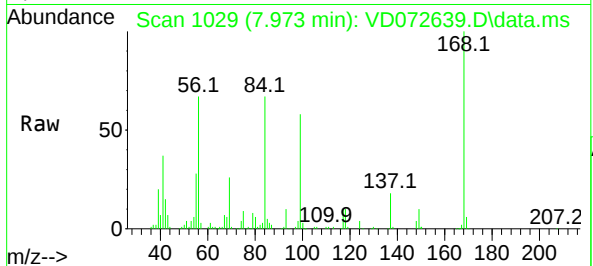




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
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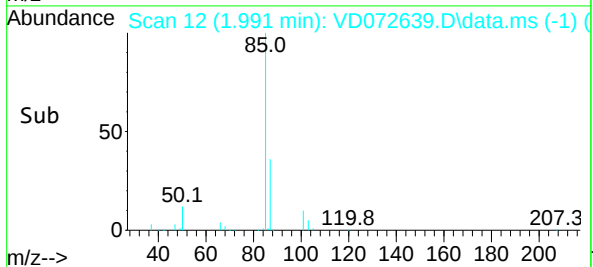
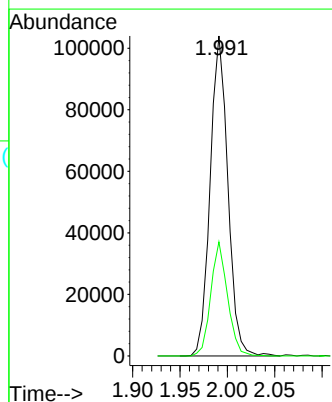
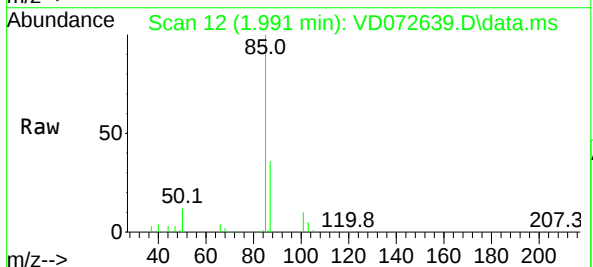
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

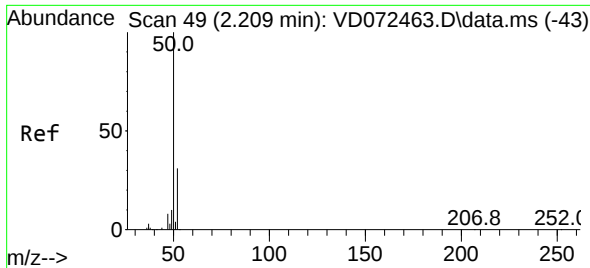
Tgt Ion:168 Resp: 357531
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 47.572 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 85 Resp: 134986
Ion Ratio Lower Upper
85 100
87 35.7 15.7 47.0

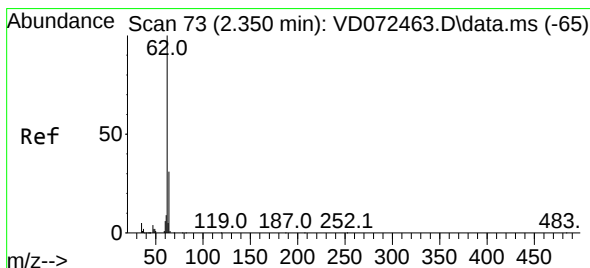
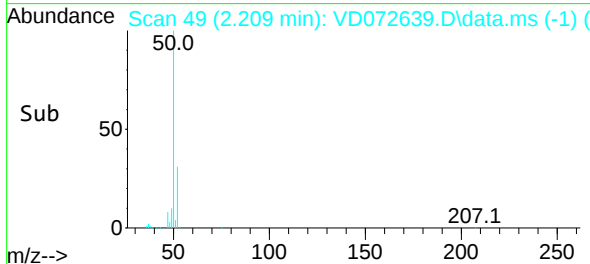
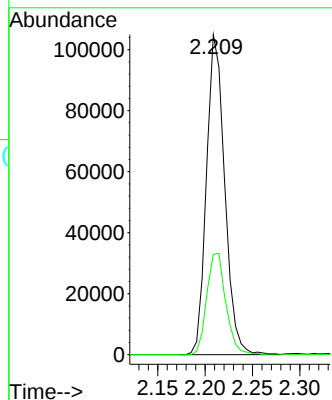
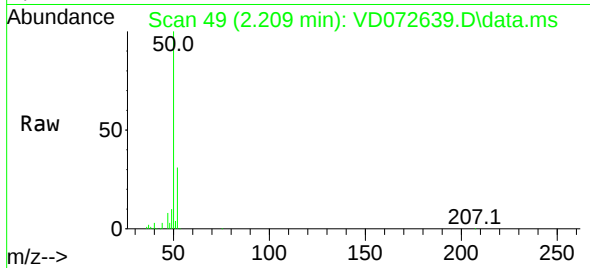




#3
Chloromethane
Concen: 53.415 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

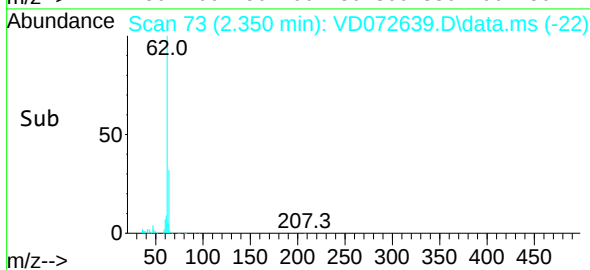
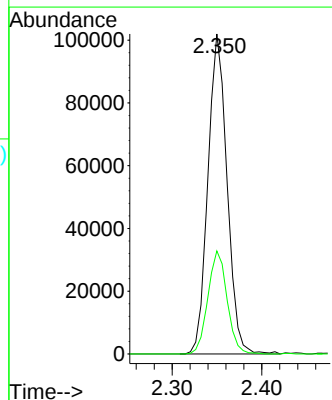
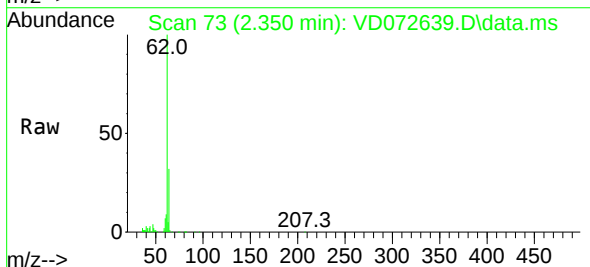
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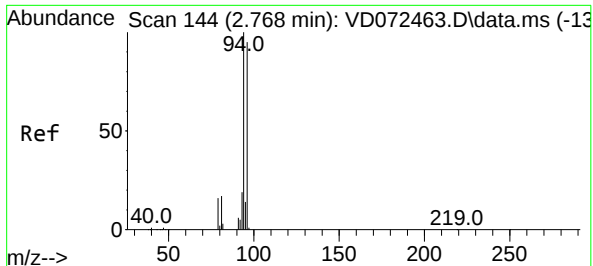
Tgt Ion: 50 Resp: 140188
Ion Ratio Lower Upper
50 100
52 31.4 27.4 41.0



#4
Vinyl Chloride
Concen: 50.069 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072639.D
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Tgt Ion: 62 Resp: 151041
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

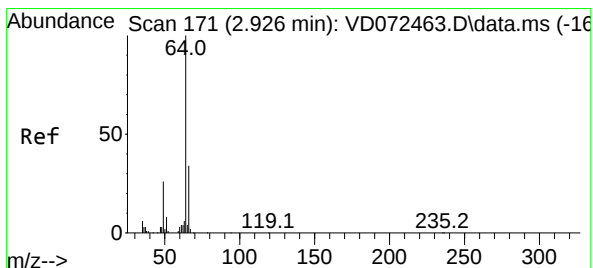
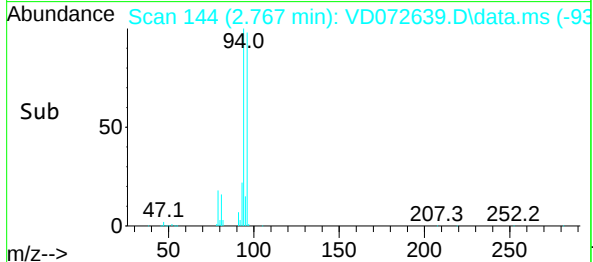
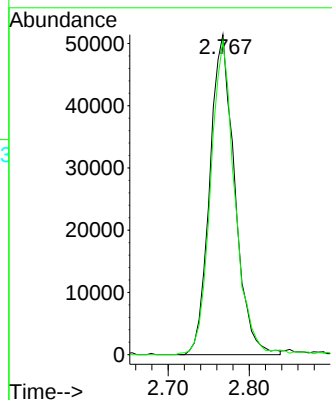
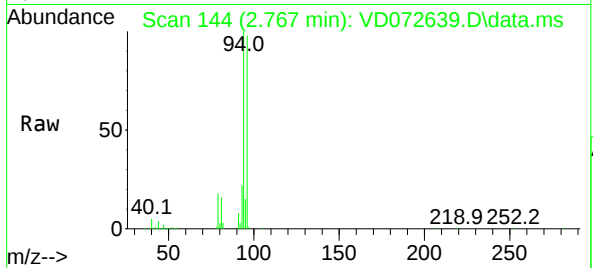




#5
Bromomethane
Concen: 54.157 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD072639.D
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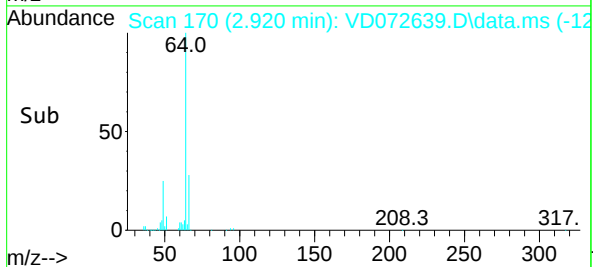
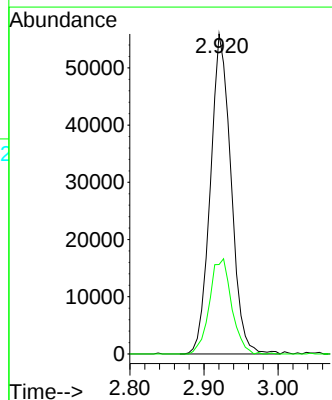
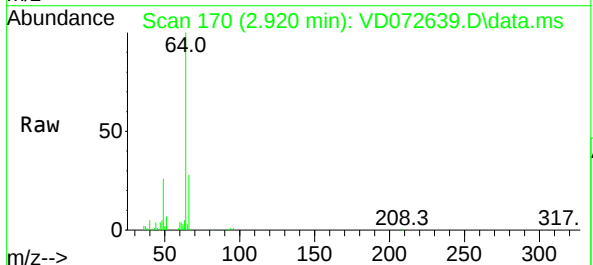
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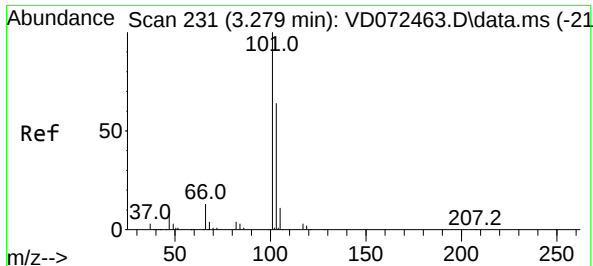
Tgt Ion: 94 Resp: 109527
Ion Ratio Lower Upper
94 100
96 97.5 77.6 116.4



#6
Chloroethane
Concen: 55.998 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 108246
Ion Ratio Lower Upper
64 100
66 27.9 25.9 38.9

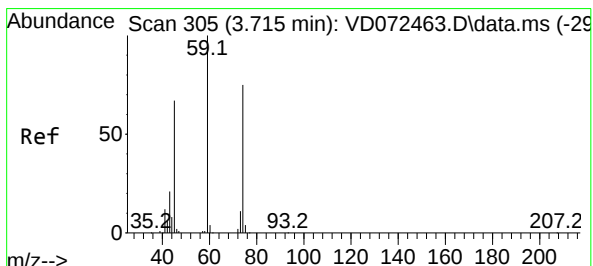
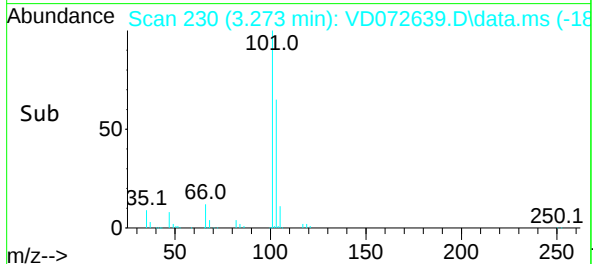
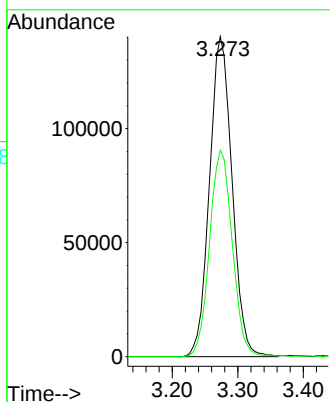
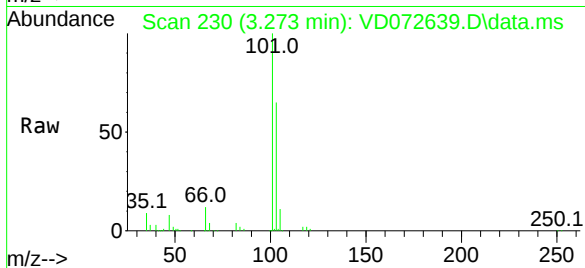




#7
 Trichlorofluoromethane
 Concen: 54.446 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD072639.D
 Acq: 20 Apr 2022 11:25

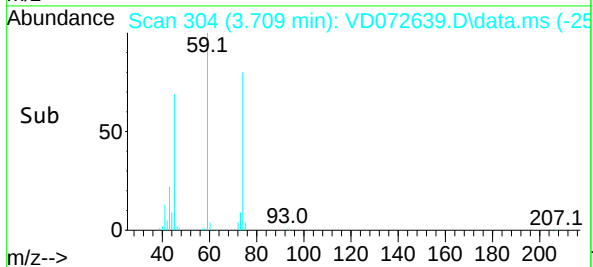
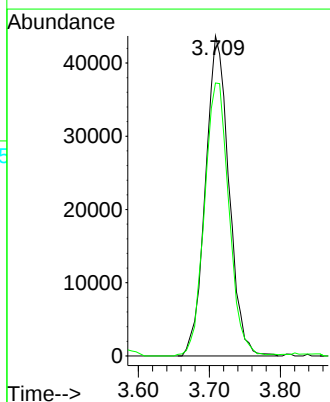
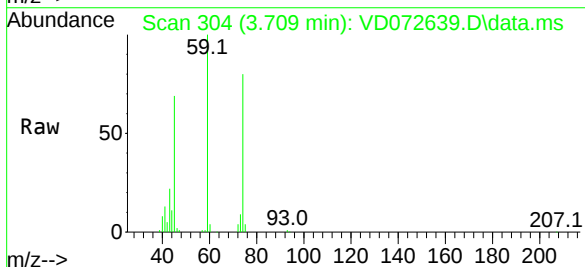
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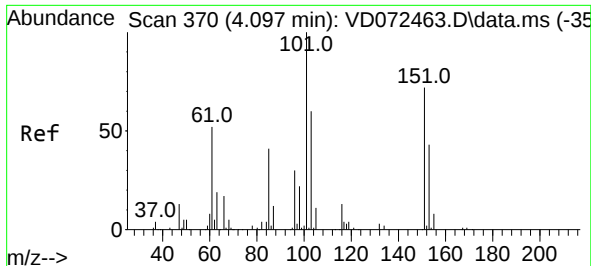
Tgt Ion:101 Resp: 335326
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 54.709 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 100132
 Ion Ratio Lower Upper
 74 100
 45 89.3 52.6 157.8

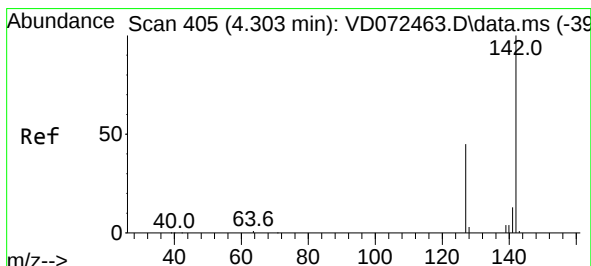
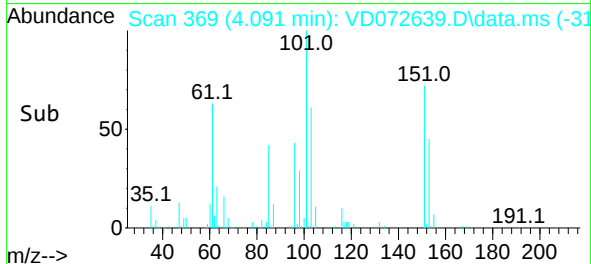
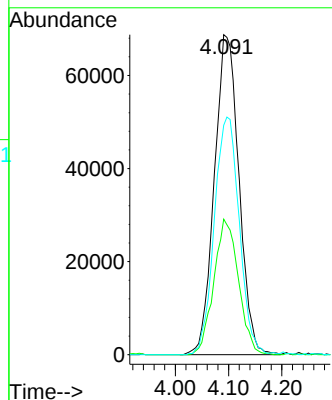
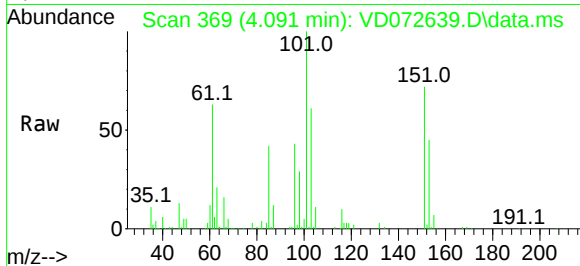




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.739 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

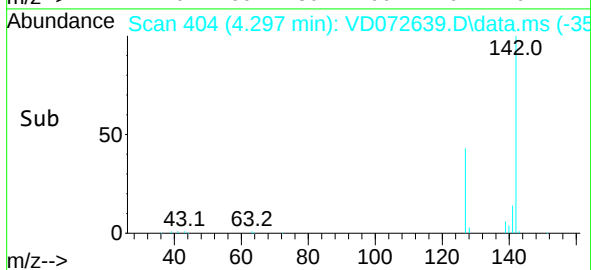
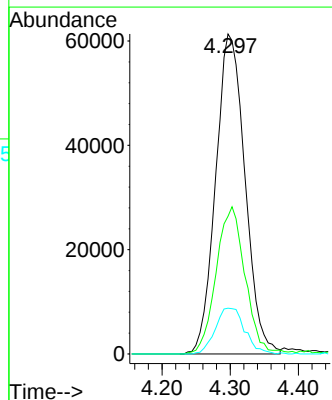
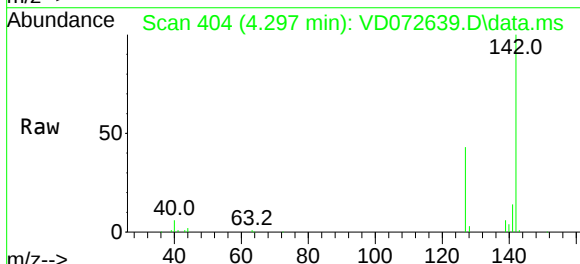
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

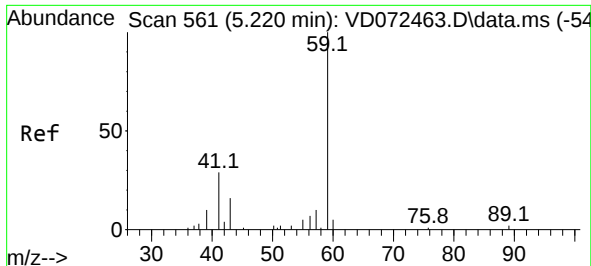
Tgt Ion:101 Resp: 220733
Ion Ratio Lower Upper
101 100
85 42.4 36.4 54.6
151 75.5 57.3 85.9



#10
Methyl Iodide
Concen: 48.092 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion:142 Resp: 183539
Ion Ratio Lower Upper
142 100
127 45.5 37.3 55.9
141 14.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 389.412 ug/l

RT: 5.209 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

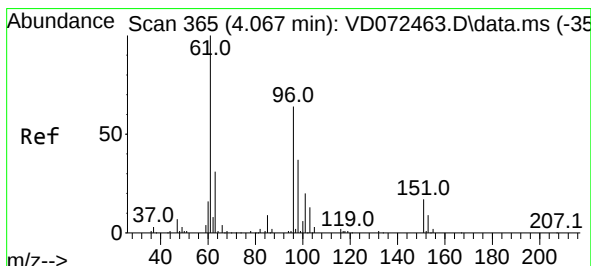
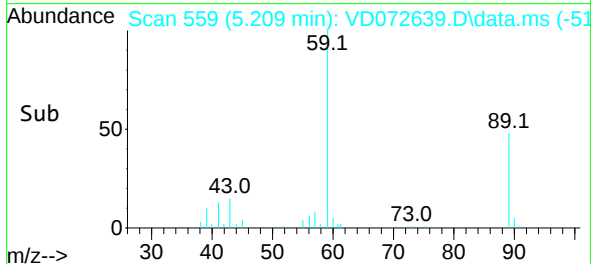
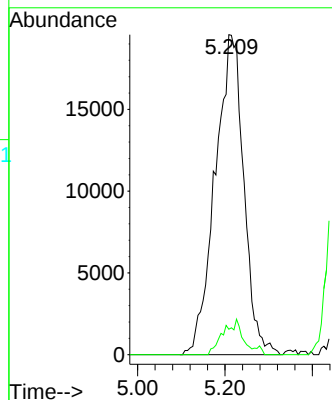
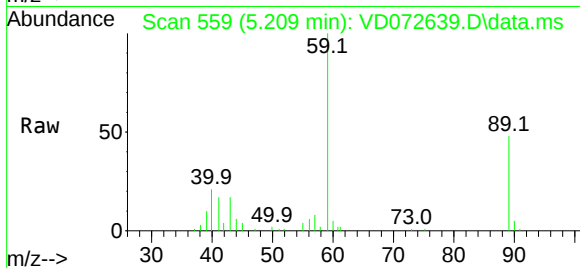
VSTDCCC050

Tgt Ion: 59 Resp: 88942

Ion Ratio Lower Upper

59 100

57 7.4 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 55.737 ug/l

RT: 4.067 min Scan# 365

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

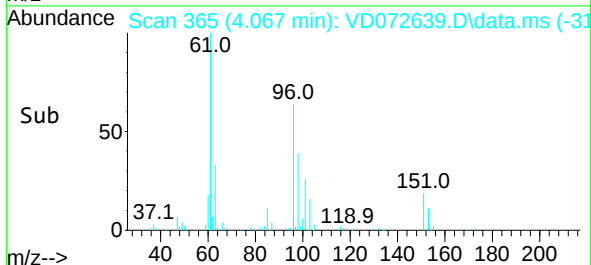
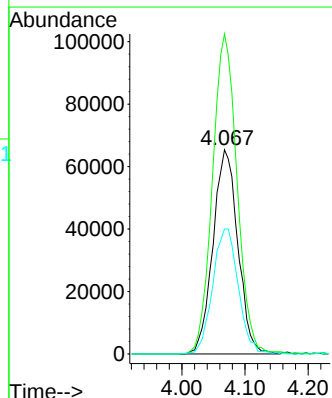
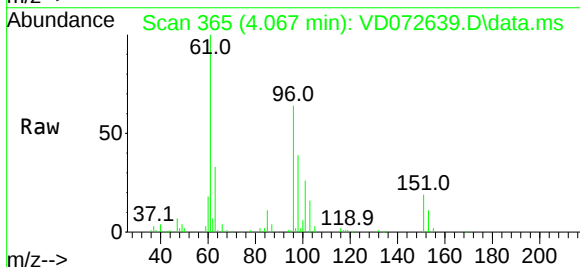
Tgt Ion: 96 Resp: 178987

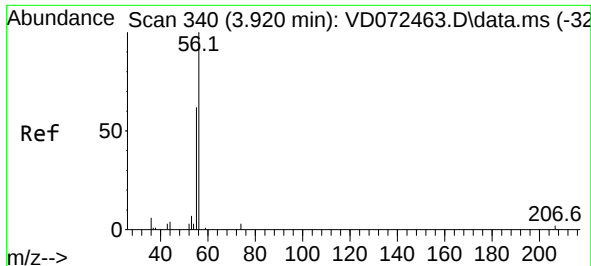
Ion Ratio Lower Upper

96 100

61 156.8 138.5 207.7

98 61.2 48.6 73.0

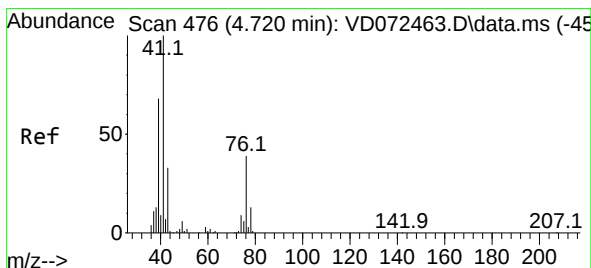
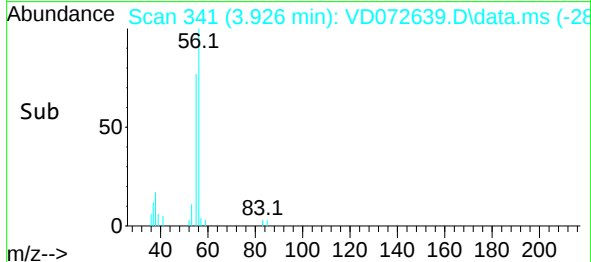
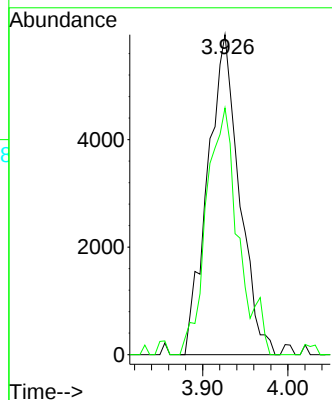
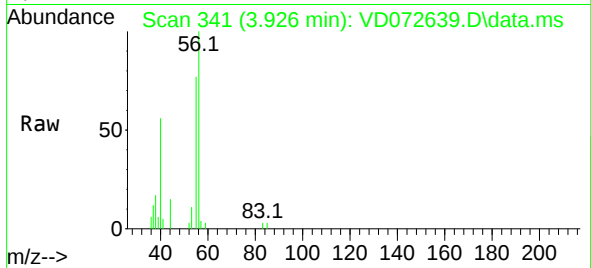




#13
Acrolein
Concen: 151.861 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

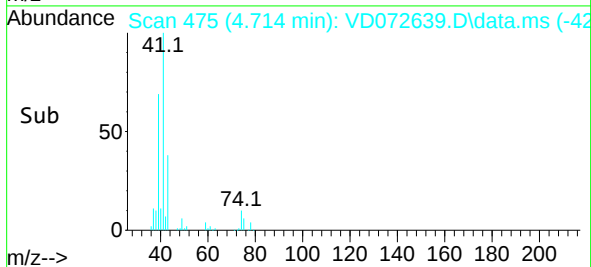
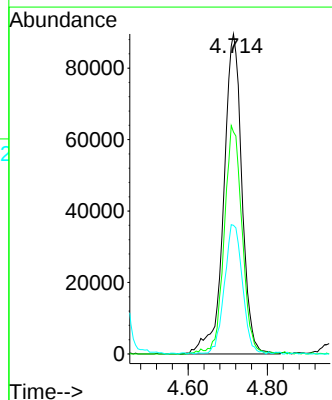
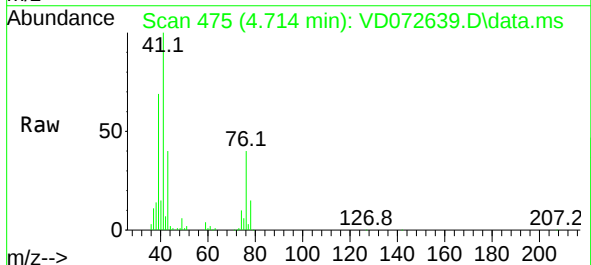
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

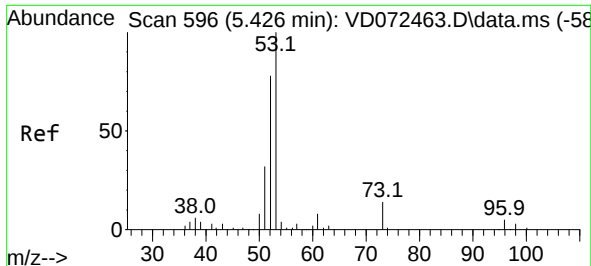
Tgt Ion: 56 Resp: 15392
Ion Ratio Lower Upper
56 100
55 78.0 57.1 85.7



#14
Allyl chloride
Concen: 50.684 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 41 Resp: 285899
Ion Ratio Lower Upper
41 100
39 69.9 59.3 88.9
76 39.8 25.7 38.5#

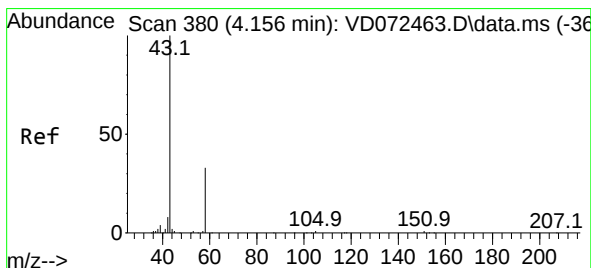
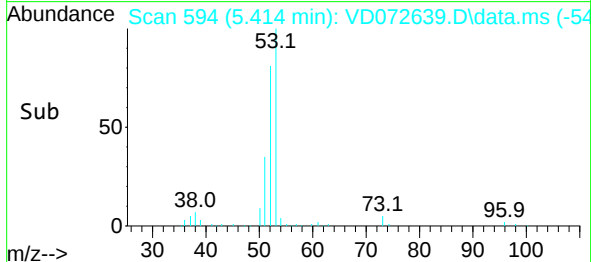
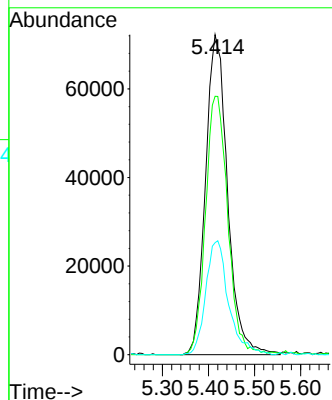
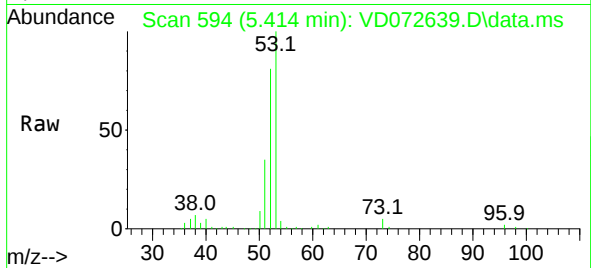




#15
Acrylonitrile
Concen: 262.945 ug/l
RT: 5.414 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

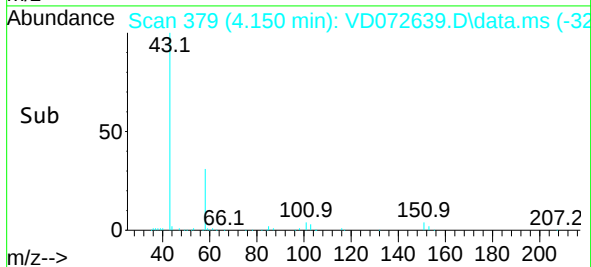
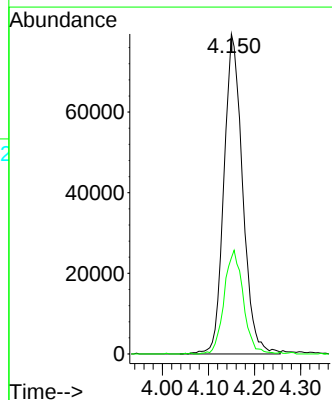
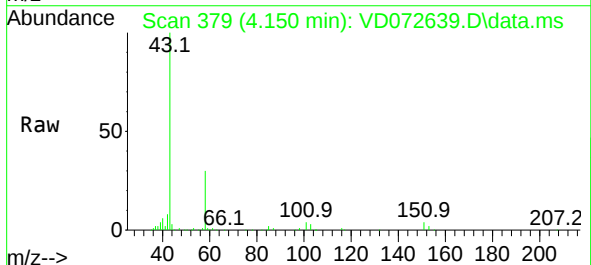
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

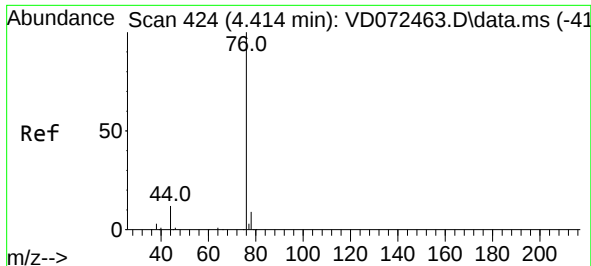
Tgt Ion: 53 Resp: 240680
Ion Ratio Lower Upper
53 100
52 81.6 67.2 100.8
51 36.8 30.3 45.5



#16
Acetone
Concen: 276.536 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 43 Resp: 223020
Ion Ratio Lower Upper
43 100
58 30.1 22.1 33.1

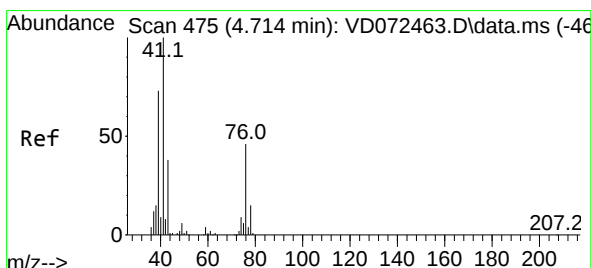
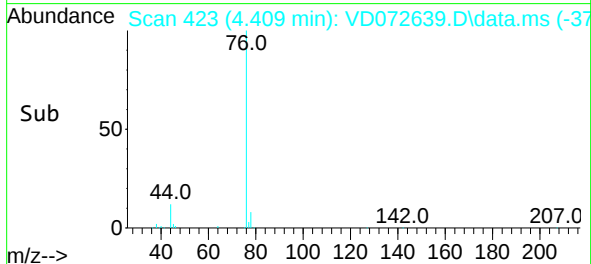
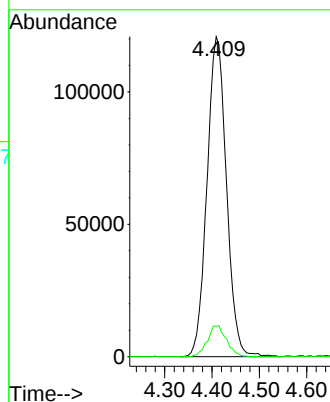
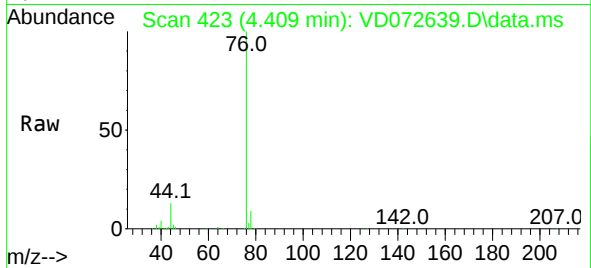




#17
Carbon Disulfide
Concen: 49.651 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

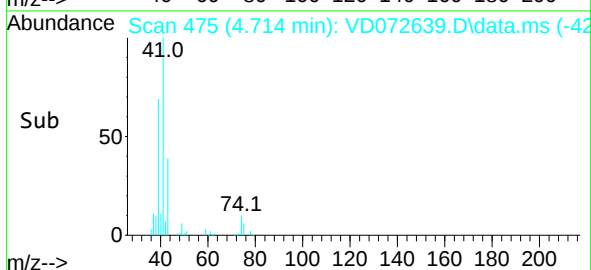
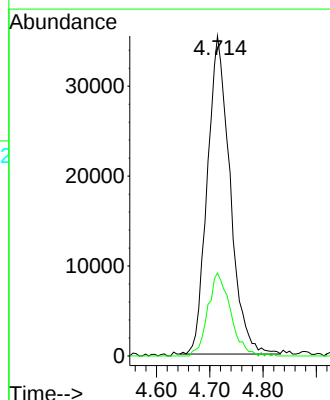
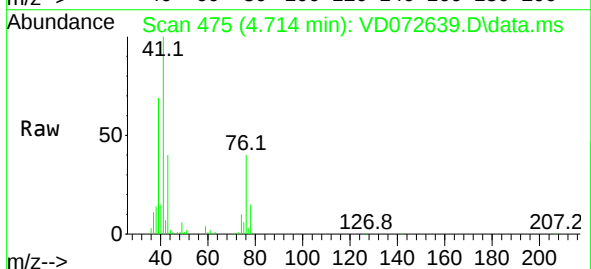
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

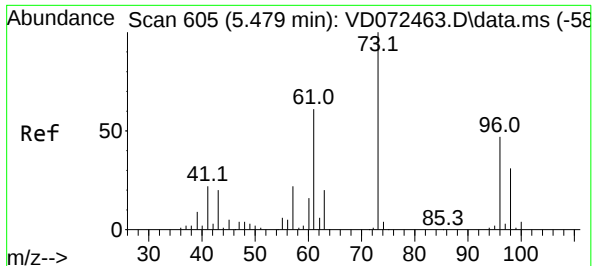
Tgt Ion: 76 Resp: 345123
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 46.008 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 43 Resp: 104531
Ion Ratio Lower Upper
43 100
74 25.9 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 54.310 ug/l

RT: 5.473 min Scan# 605

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

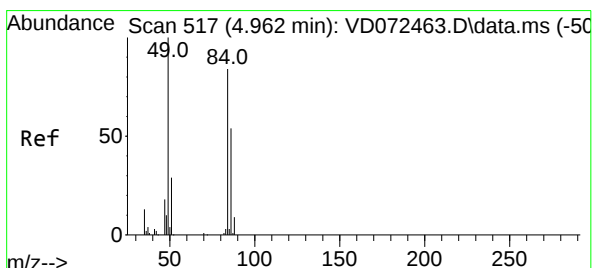
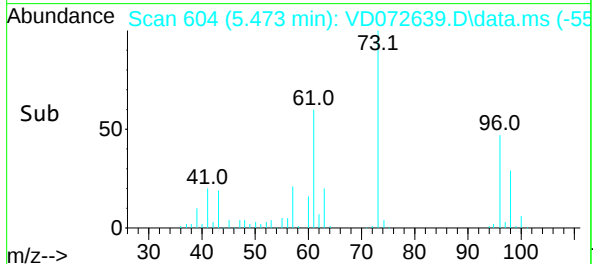
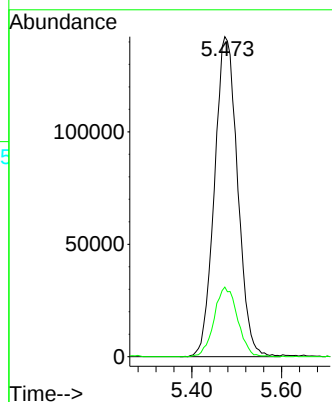
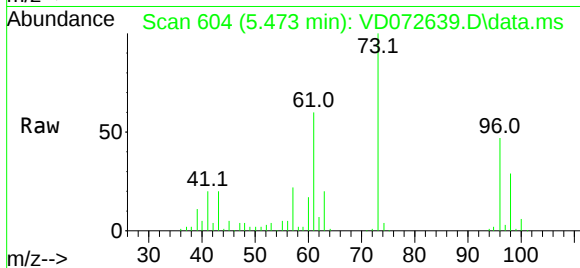
VSTDCCC050

Tgt Ion: 73 Resp: 509043

Ion Ratio Lower Upper

73 100

57 21.7 18.0 27.0



#20

Methylene Chloride

Concen: 52.572 ug/l

RT: 4.967 min Scan# 518

Delta R.T. 0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Tgt Ion: 84 Resp: 252407

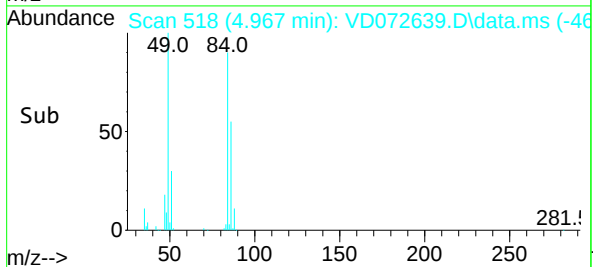
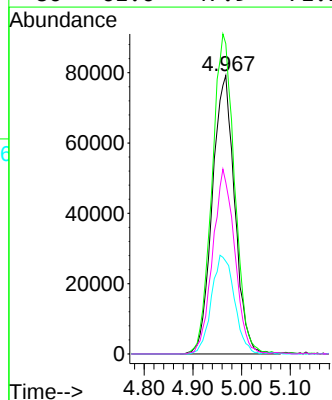
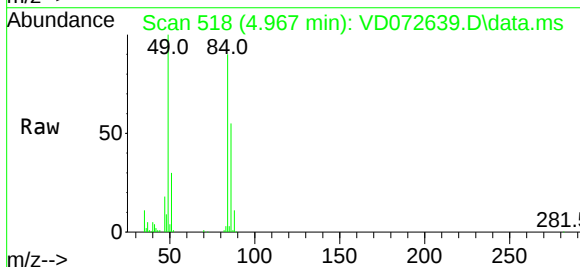
Ion Ratio Lower Upper

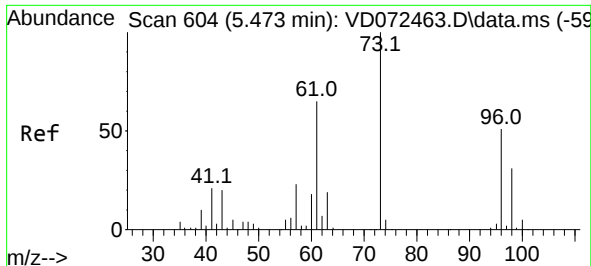
84 100

49 111.4 112.8 169.2#

51 33.3 32.6 48.8

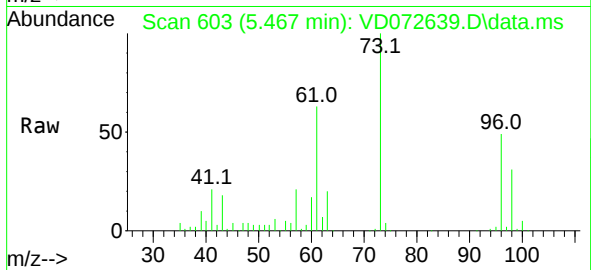
86 61.6 47.9 71.9



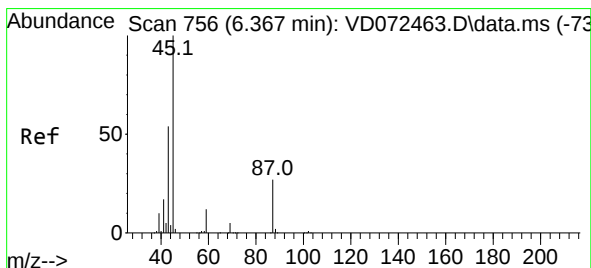
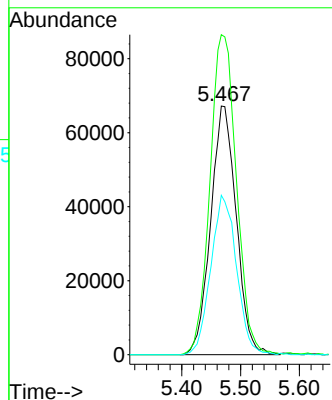
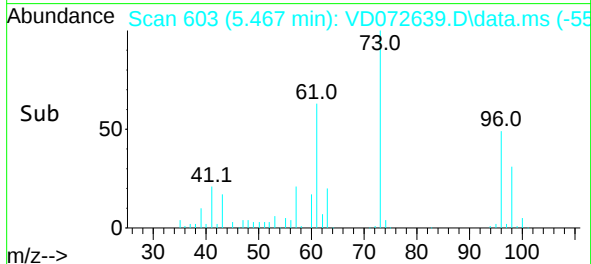


#21
trans-1,2-Dichloroethene
Concen: 51.815 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

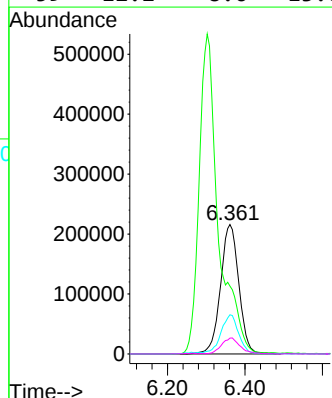
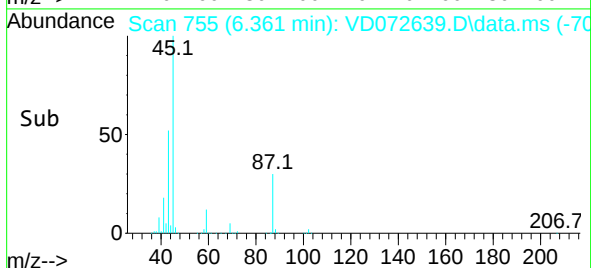
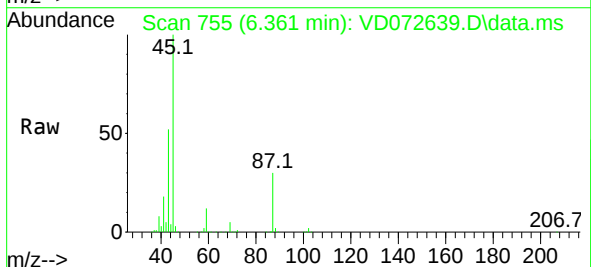


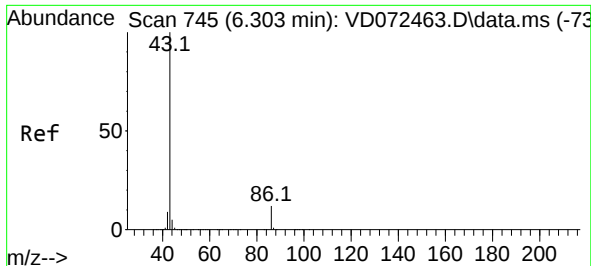
Tgt Ion: 96 Resp: 203200
Ion Ratio Lower Upper
96 100
61 128.7 117.9 176.9
98 64.1 49.4 74.2



#22
Diisopropyl ether
Concen: 54.870 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 45 Resp: 707933
Ion Ratio Lower Upper
45 100
43 52.3 46.6 70.0
87 30.1 18.4 27.6#
59 12.2 8.6 13.0

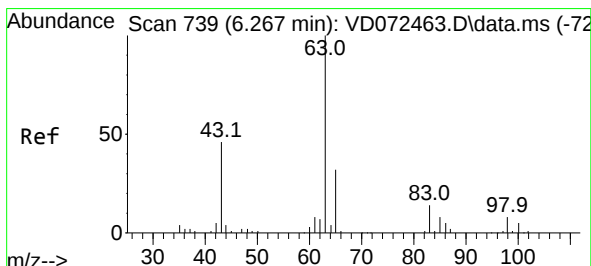
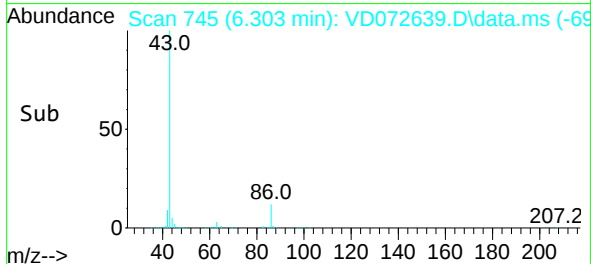
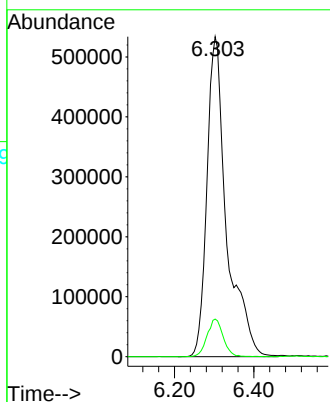
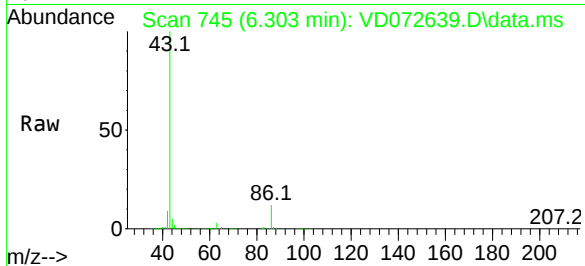




#23
 Vinyl Acetate
 Concen: 264.541 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072639.D
 Acq: 20 Apr 2022 11:25

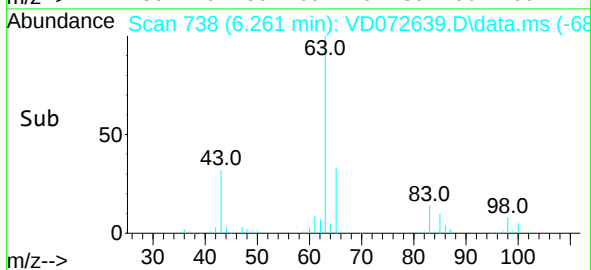
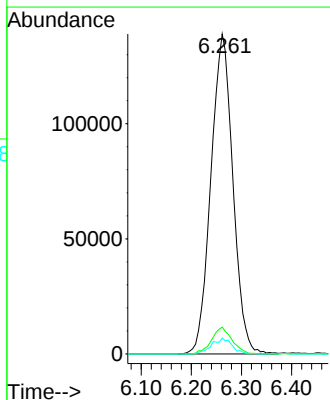
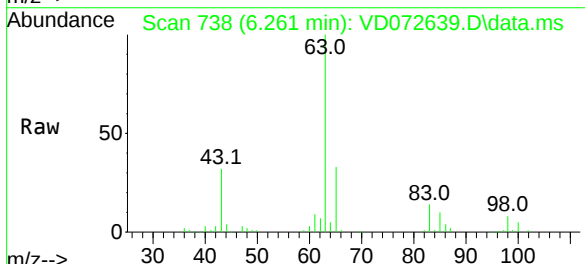
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

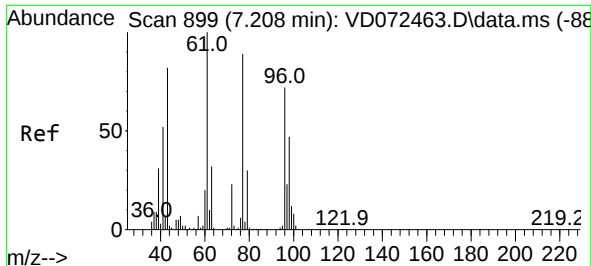
Tgt Ion: 43 Resp: 1838389
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 54.456 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD072639.D
 Acq: 20 Apr 2022 11:25

Tgt Ion: 63 Resp: 423378
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.9
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 270.067 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

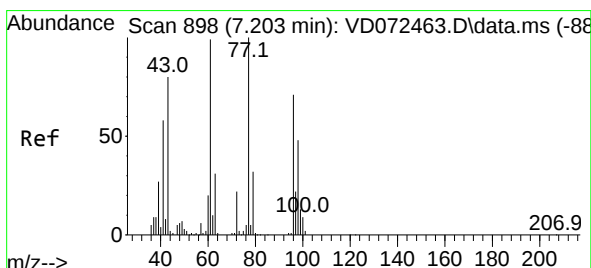
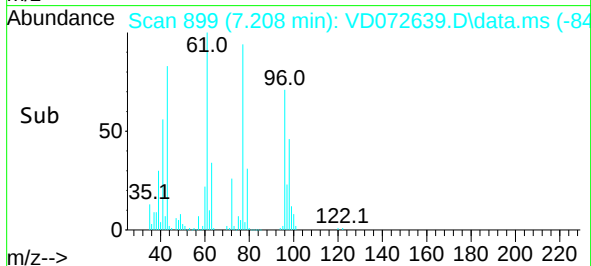
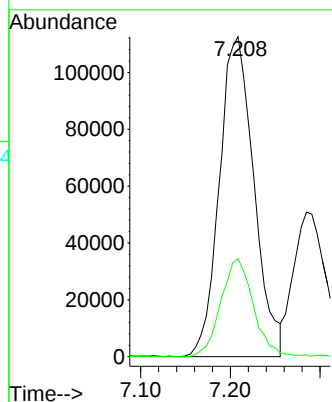
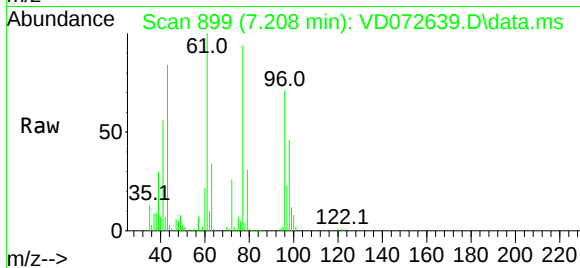
VSTDCCC050

Tgt Ion: 43 Resp: 301227

Ion Ratio Lower Upper

43 100

72 30.6 18.6 27.8#



#26

2,2-Dichloropropane

Concen: 55.958 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD072639.D

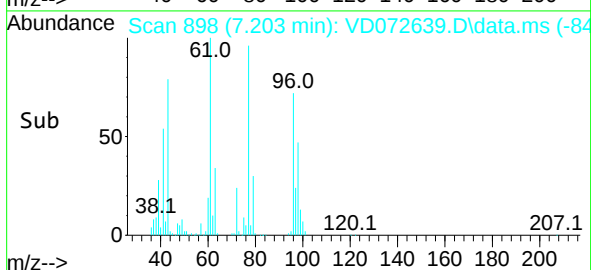
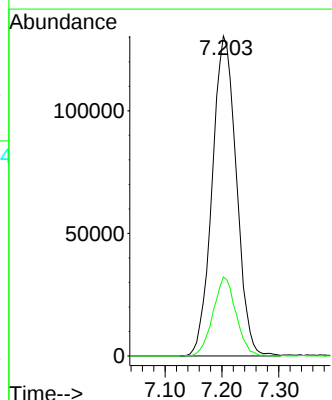
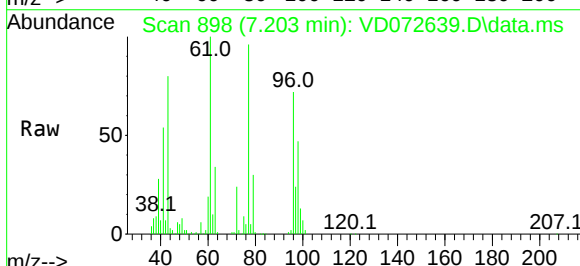
Acq: 20 Apr 2022 11:25

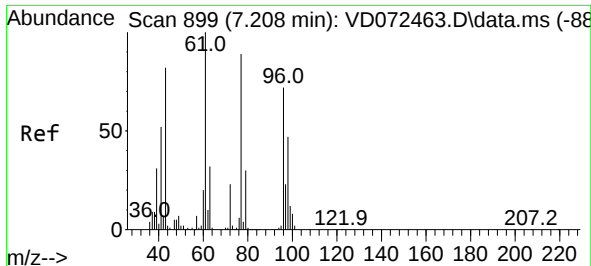
Tgt Ion: 77 Resp: 386424

Ion Ratio Lower Upper

77 100

97 23.4 10.8 32.4



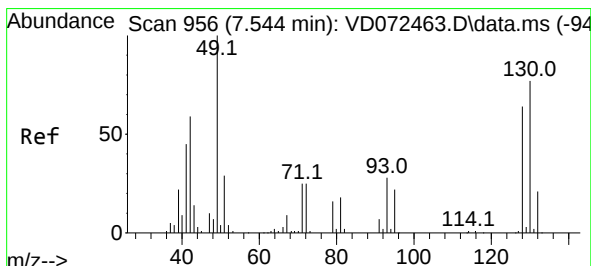
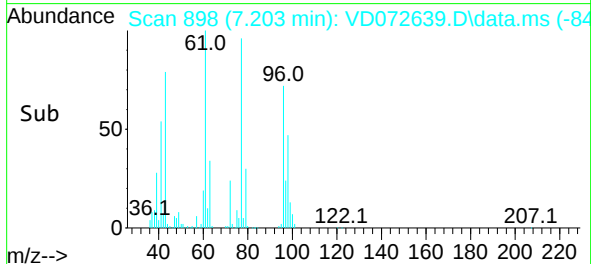
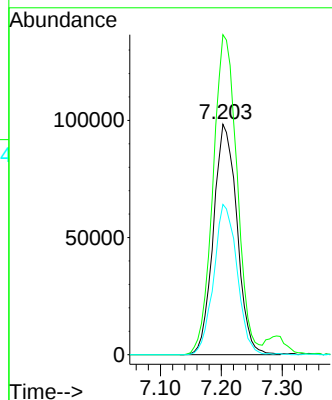
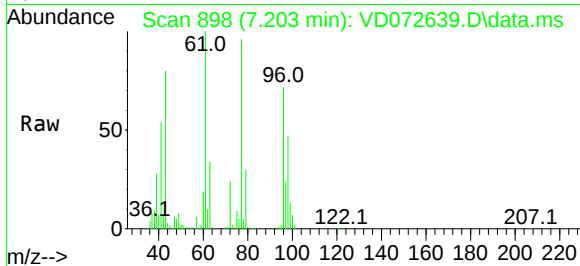


#27
 cis-1,2-Dichloroethene
 Concen: 54.277 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.006 min
 Lab File: VD072639.D
 Acq: 20 Apr 2022 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 264638

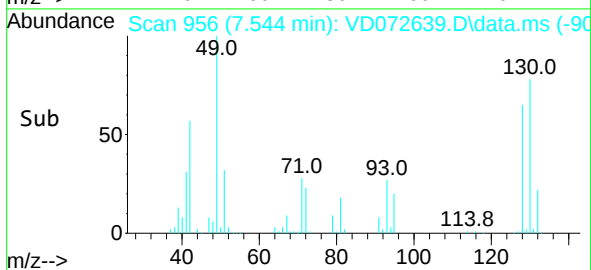
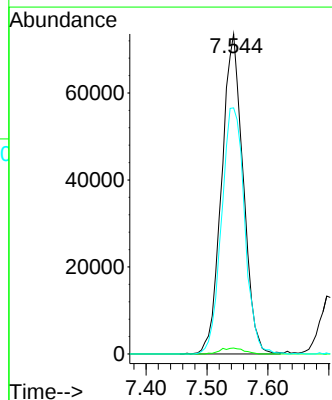
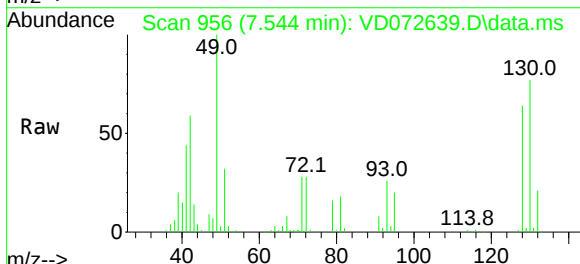
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	313.8
98	64.5	0.0	128.8

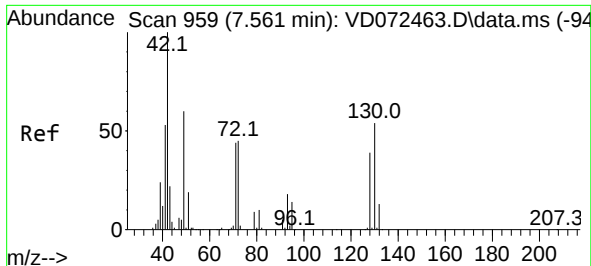


#28
 Bromochloromethane
 Concen: 54.198 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD072639.D
 Acq: 20 Apr 2022 11:25

Tgt Ion: 49 Resp: 180546

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	82.3	52.6	79.0





#29

Tetrahydrofuran

Concen: 260.963 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

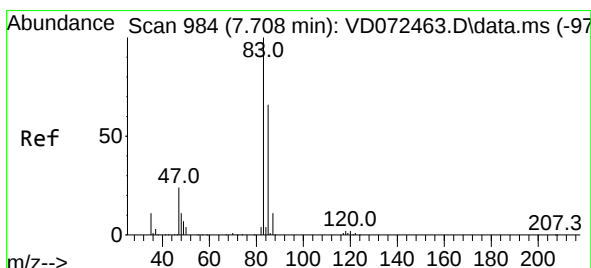
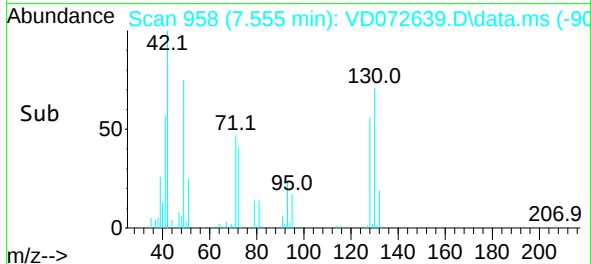
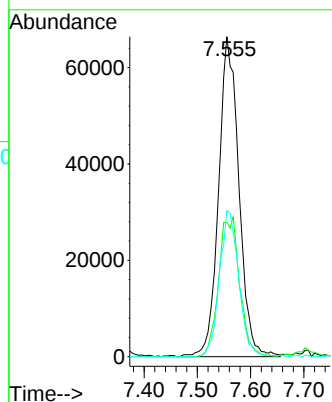
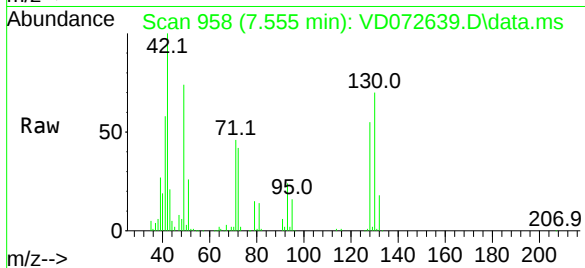
Tgt Ion: 42 Resp: 175733

Ion Ratio Lower Upper

42 100

72 45.4 30.7 46.1

71 43.4 28.6 43.0#



#30

Chloroform

Concen: 53.282 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD072639.D

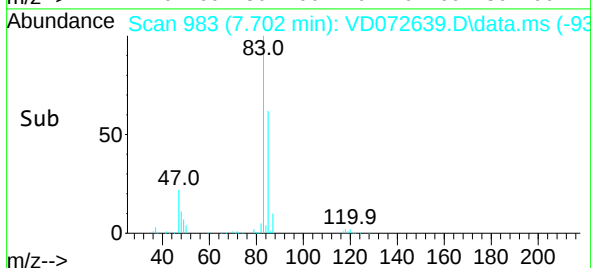
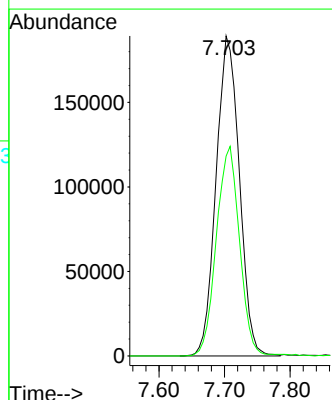
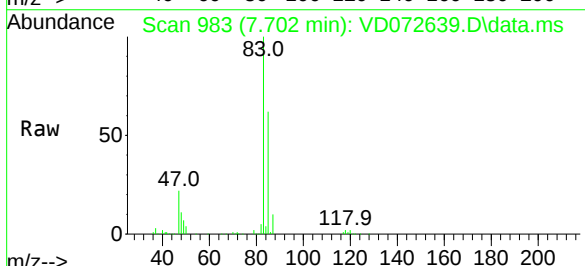
Acq: 20 Apr 2022 11:25

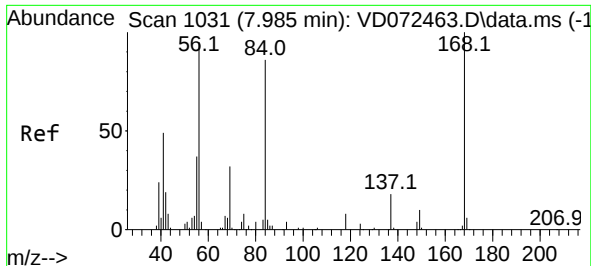
Tgt Ion: 83 Resp: 465988

Ion Ratio Lower Upper

83 100

85 62.5 52.7 79.1





#31

Cyclohexane

Concen: 53.507 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

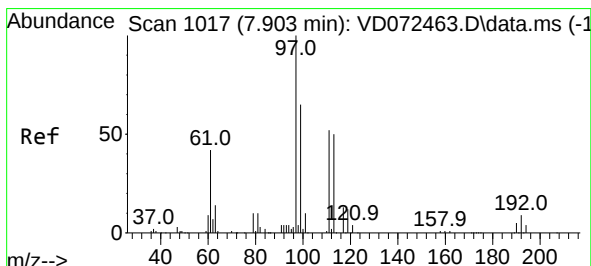
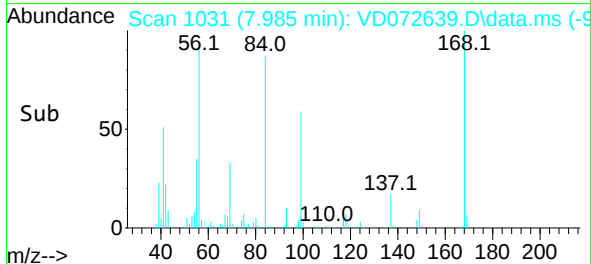
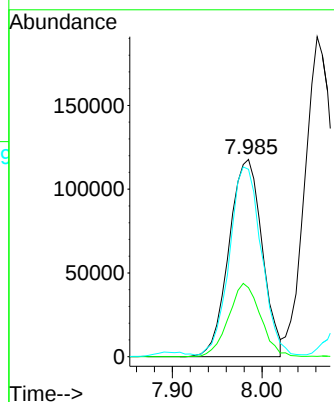
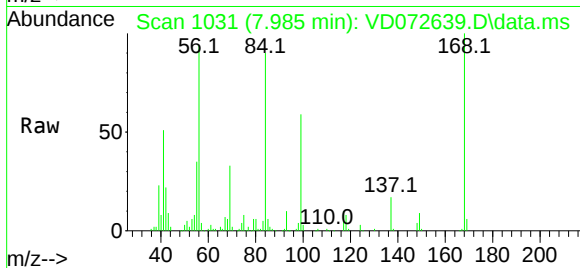
Tgt Ion: 56 Resp: 302600

Ion Ratio Lower Upper

56 100

69 34.9 25.4 38.2

84 92.7 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 55.595 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

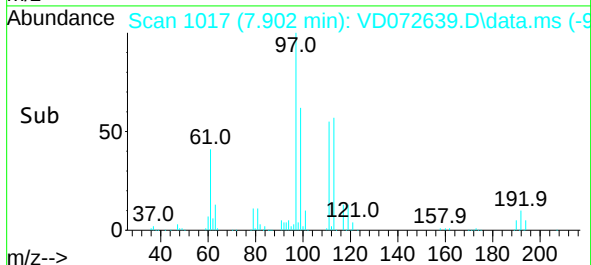
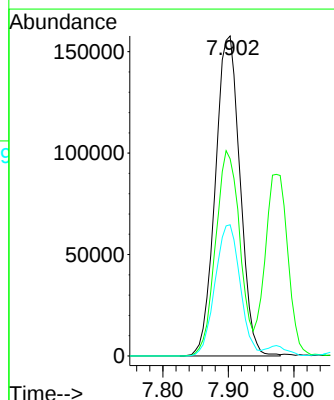
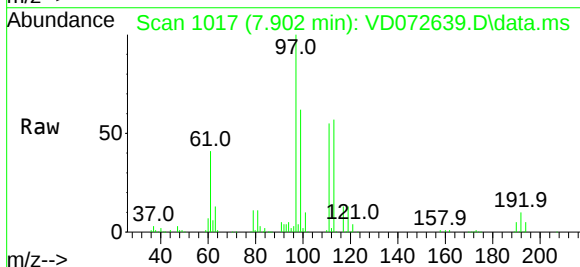
Tgt Ion: 97 Resp: 412390

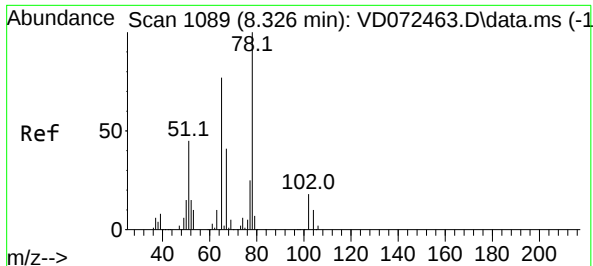
Ion Ratio Lower Upper

97 100

99 63.2 52.4 78.6

61 41.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.769 ug/l

RT: 8.326 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

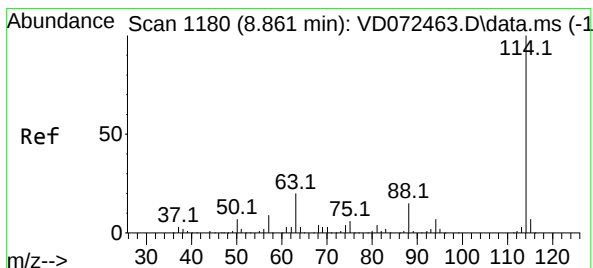
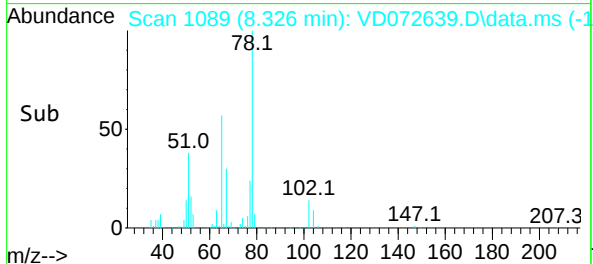
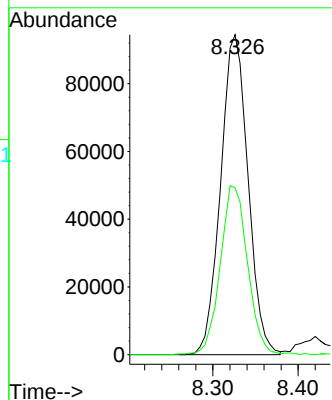
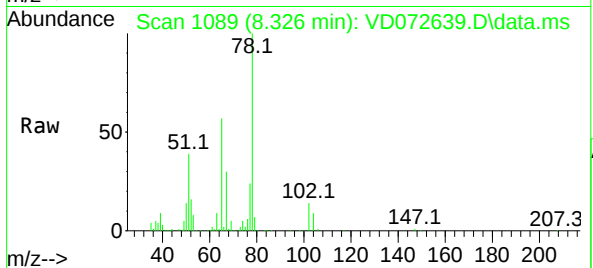
VSTDCCC050

Tgt Ion: 65 Resp: 210928

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

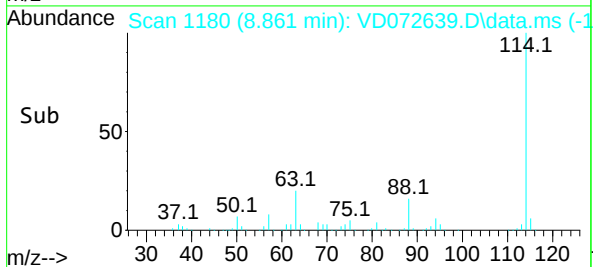
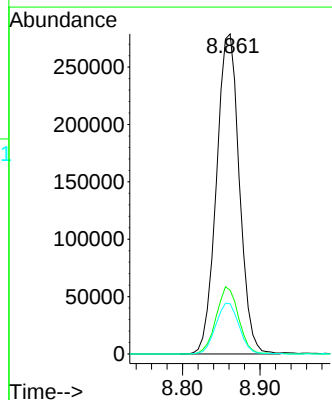
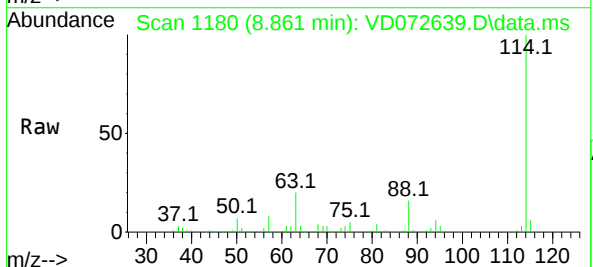
Tgt Ion: 114 Resp: 573799

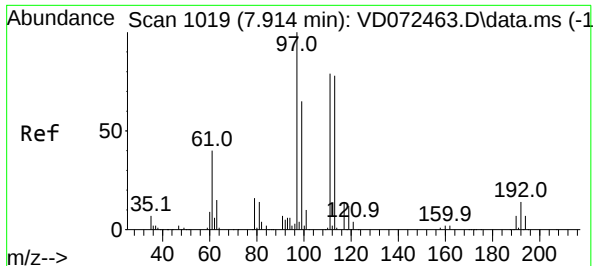
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.334 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

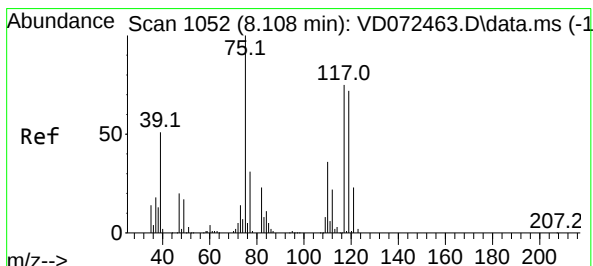
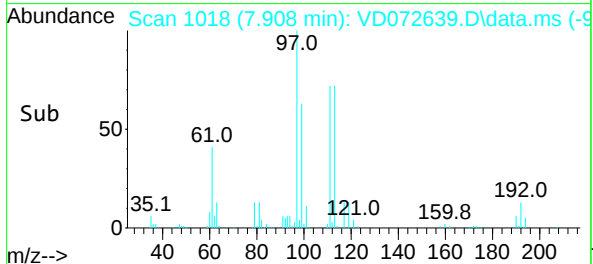
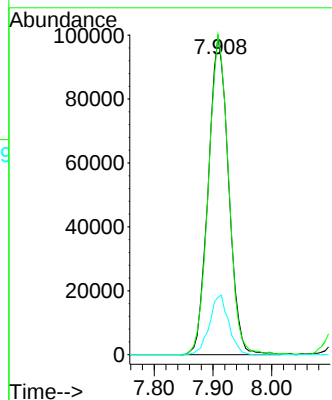
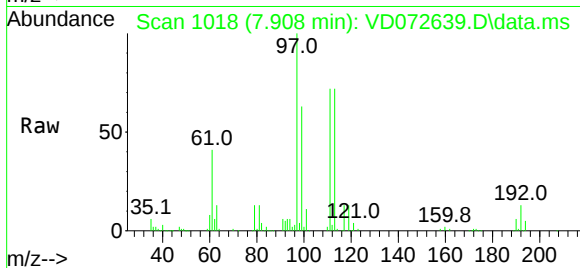
Tgt Ion:113 Resp: 237828

Ion Ratio Lower Upper

113 100

111 99.6 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 52.768 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

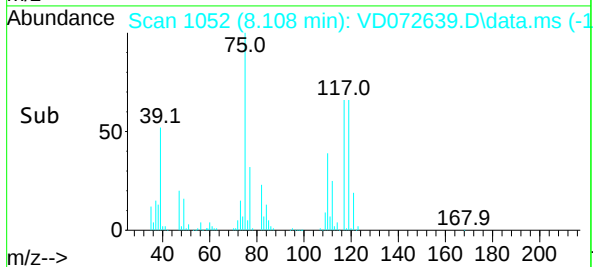
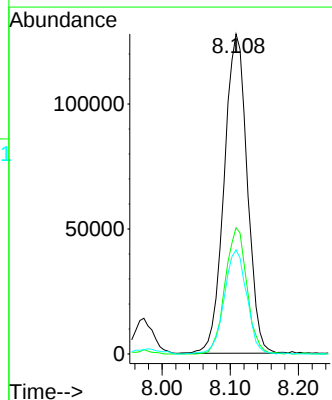
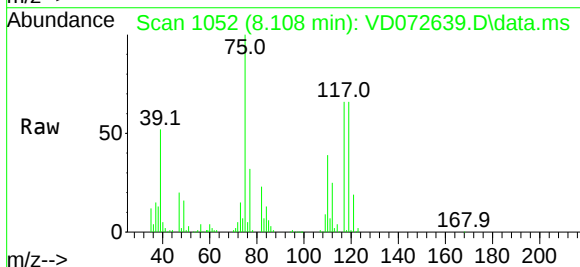
Tgt Ion: 75 Resp: 301064

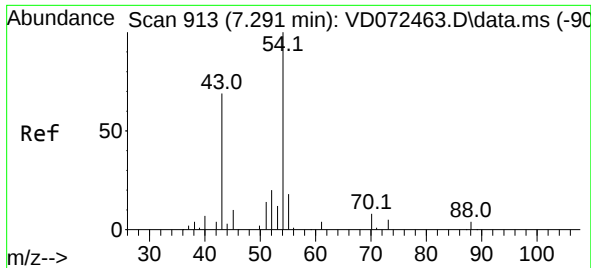
Ion Ratio Lower Upper

75 100

110 37.3 16.4 49.1

77 31.8 24.2 36.2





#37

Ethyl Acetate

Concen: 55.060 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

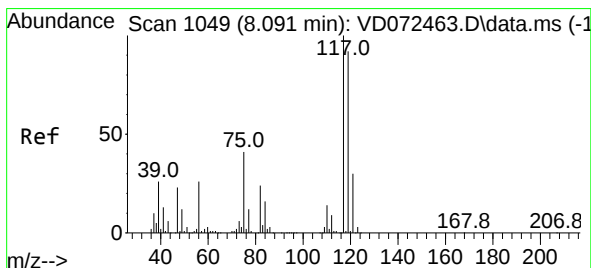
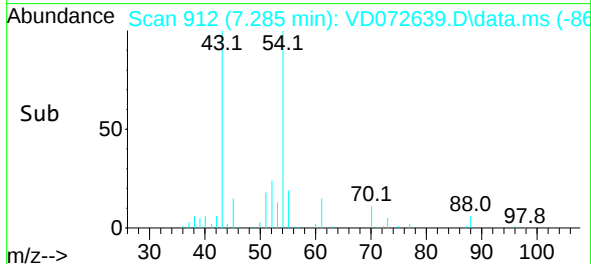
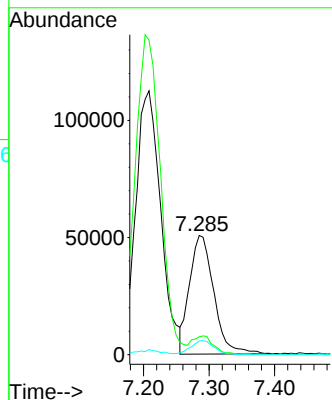
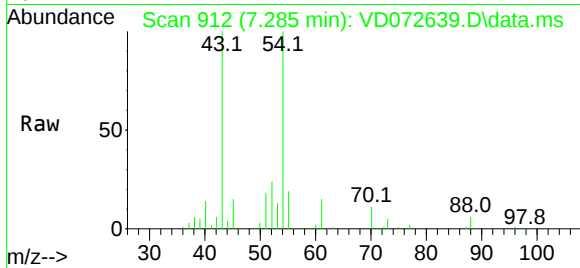
Tgt Ion: 43 Resp: 130097

Ion Ratio Lower Upper

43 100

61 13.1 9.8 14.8

70 11.3 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 57.059 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

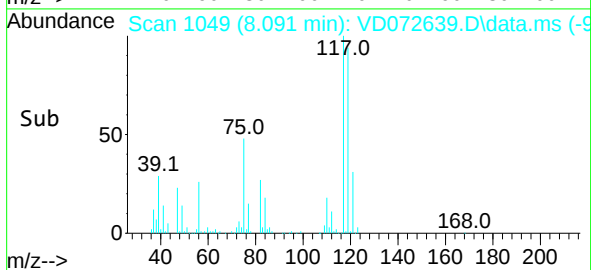
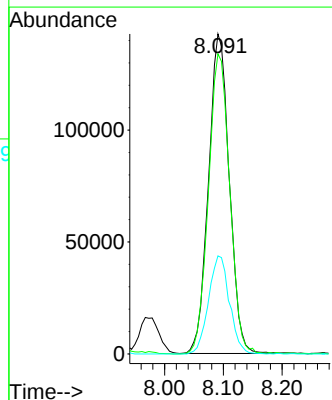
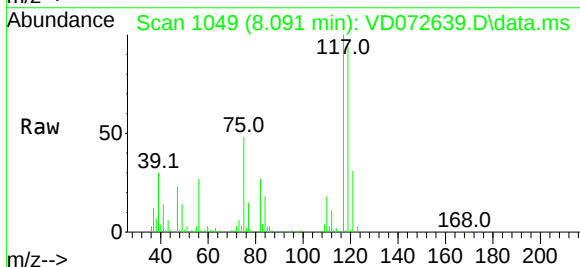
Tgt Ion: 117 Resp: 350529

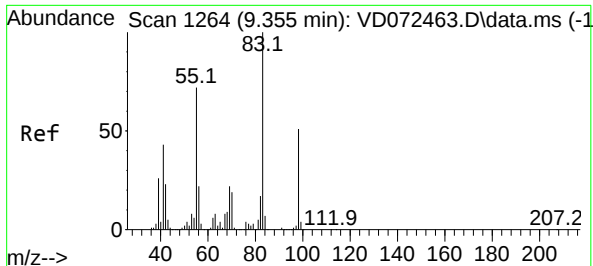
Ion Ratio Lower Upper

117 100

119 93.9 75.8 113.6

121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 51.634 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

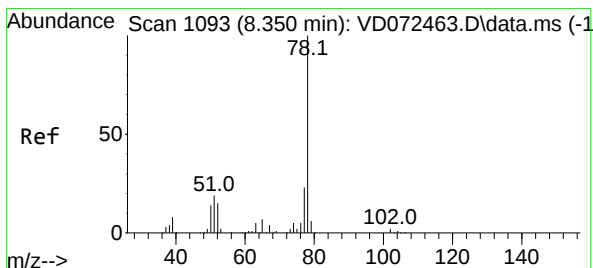
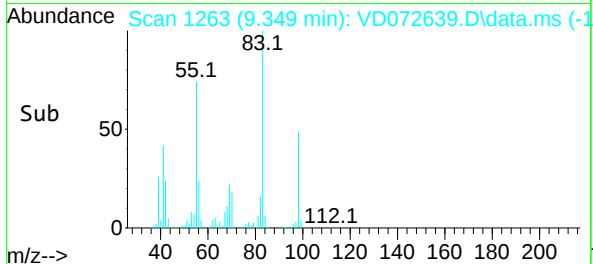
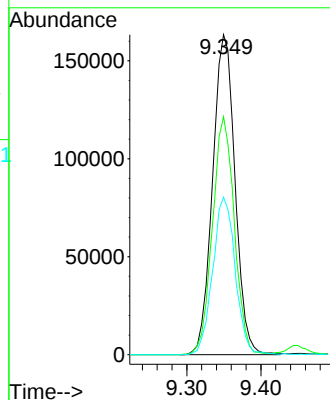
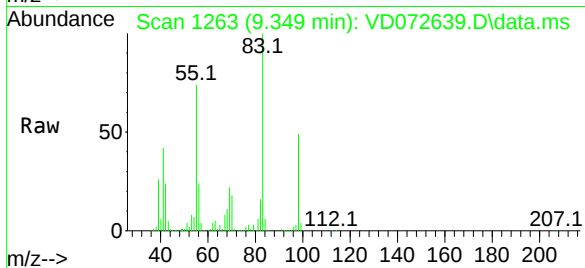
Tgt Ion: 83 Resp: 343332

Ion Ratio Lower Upper

83 100

55 74.4 63.2 94.8

98 49.2 38.2 57.4



#40

Benzene

Concen: 57.812 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072639.D

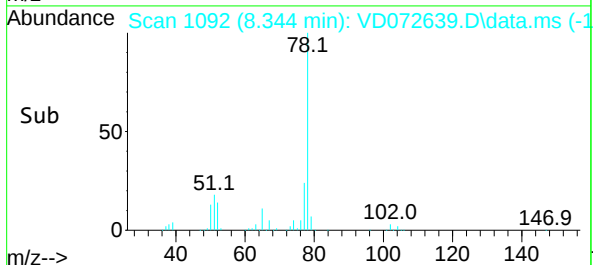
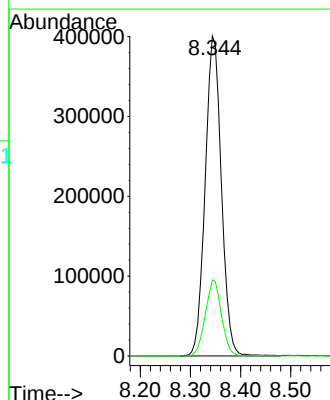
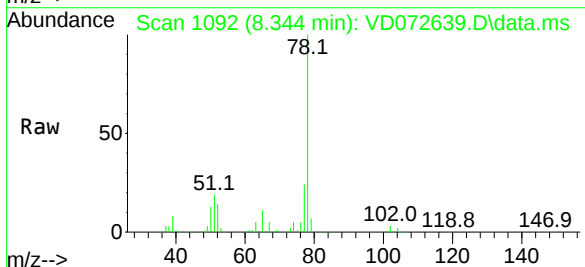
Acq: 20 Apr 2022 11:25

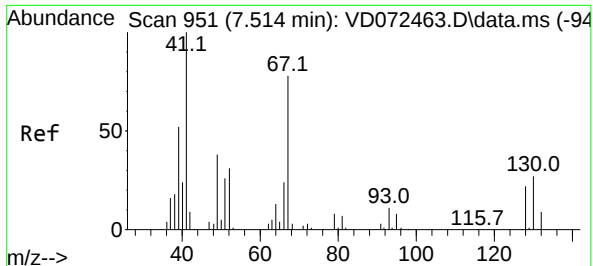
Tgt Ion: 78 Resp: 900324

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7



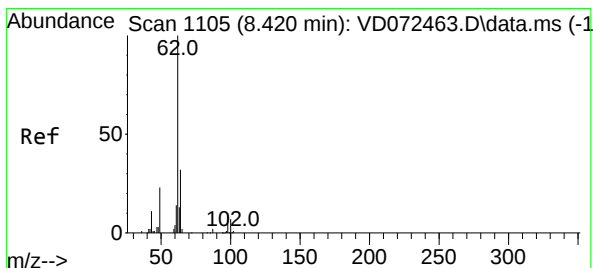
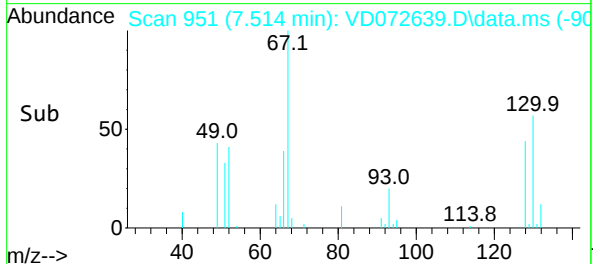
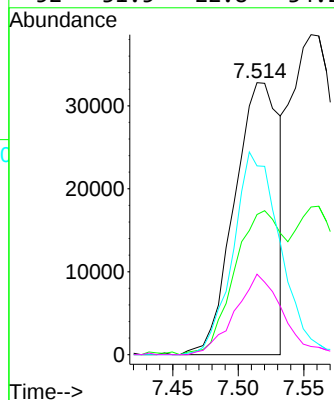
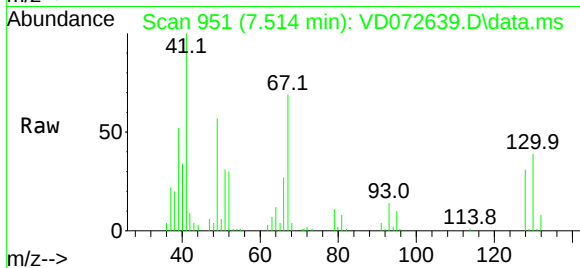


#41
Methacrylonitrile
Concen: 56.143 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 77817

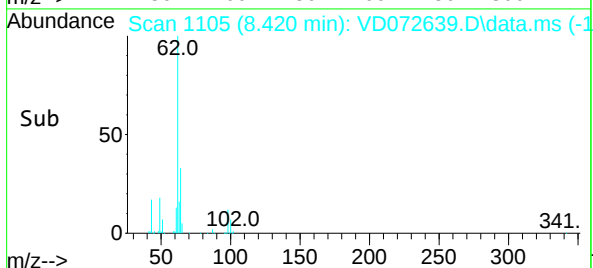
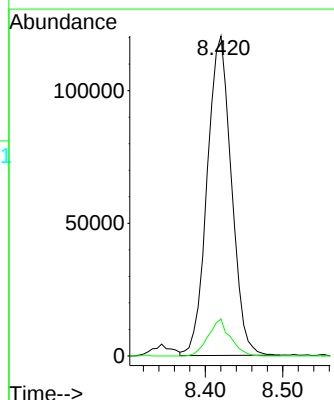
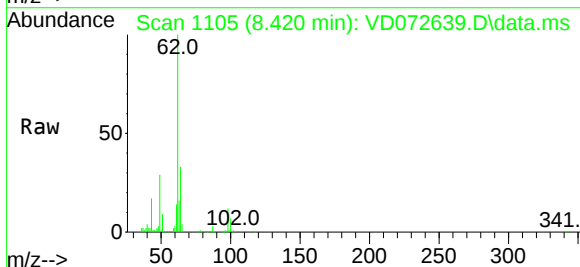
Ion	Ratio	Lower	Upper
41	100		
39	59.3	44.6	67.0
67	78.9	48.2	72.4
52	31.5	22.8	34.2

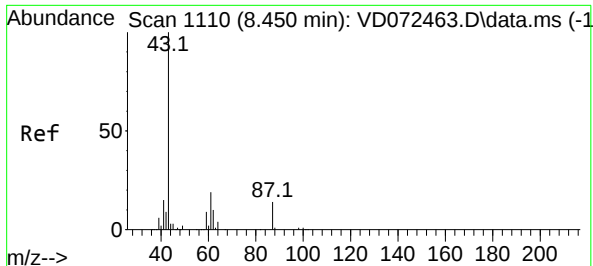


#42
1,2-Dichloroethane
Concen: 54.846 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 62 Resp: 261070

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 55.540 ug/l

RT: 8.444 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

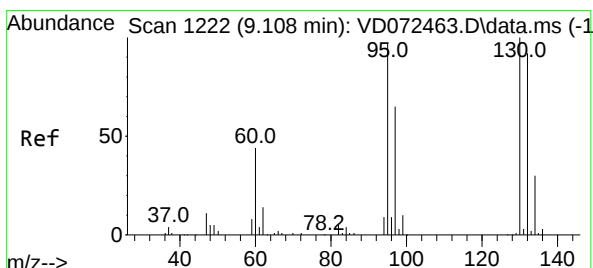
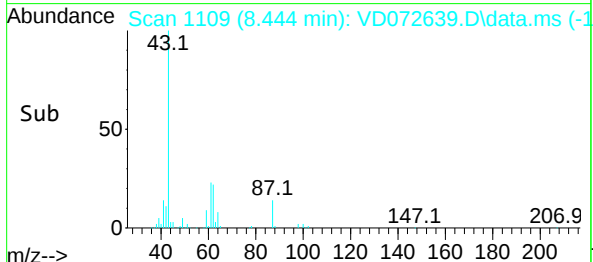
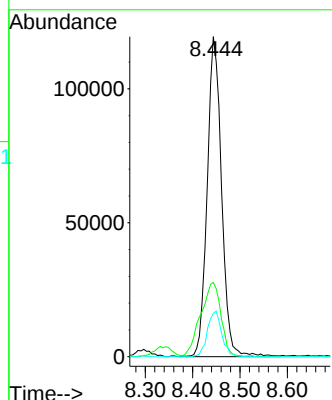
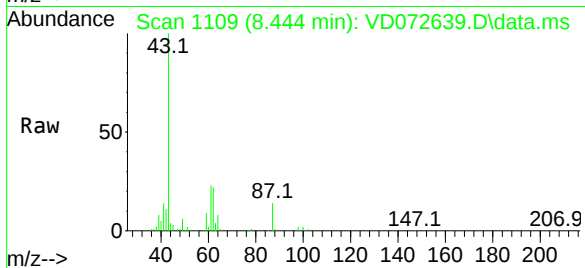
Tgt Ion: 43 Resp: 251725

Ion Ratio Lower Upper

43 100

61 32.5 22.4 33.6

87 14.1 8.7 13.1#



#44

Trichloroethene

Concen: 57.290 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD072639.D

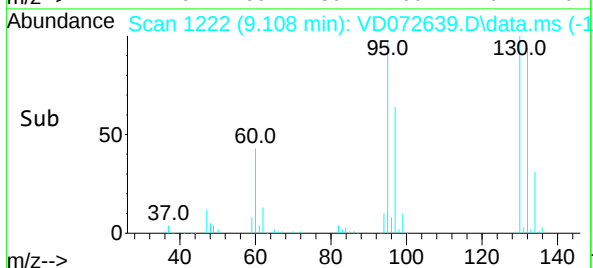
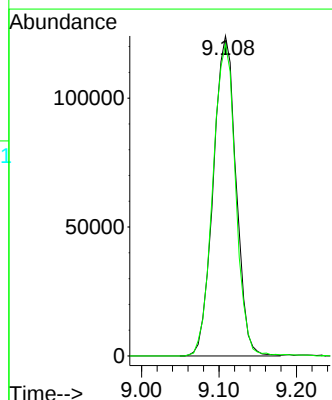
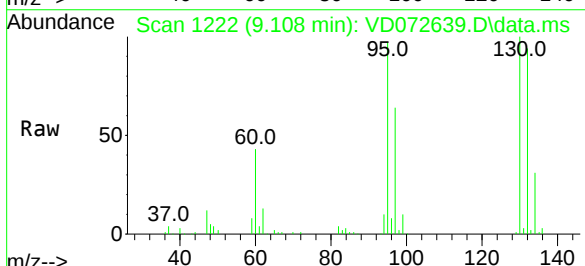
Acq: 20 Apr 2022 11:25

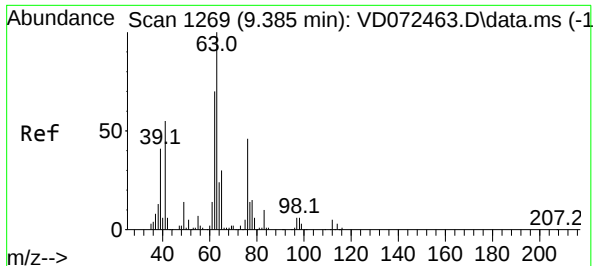
Tgt Ion:130 Resp: 253294

Ion Ratio Lower Upper

130 100

95 97.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 56.593 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

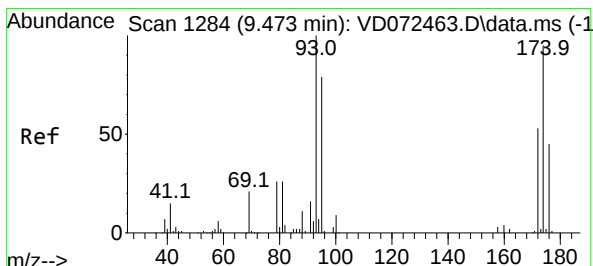
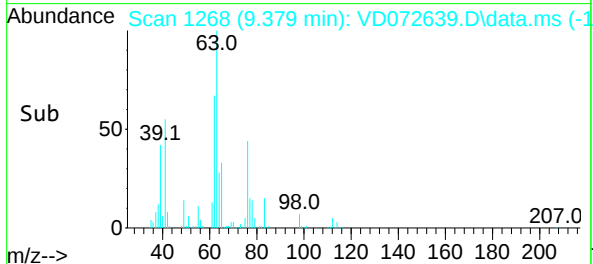
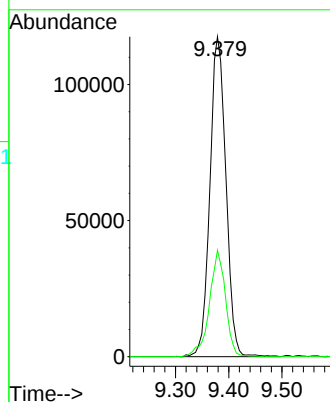
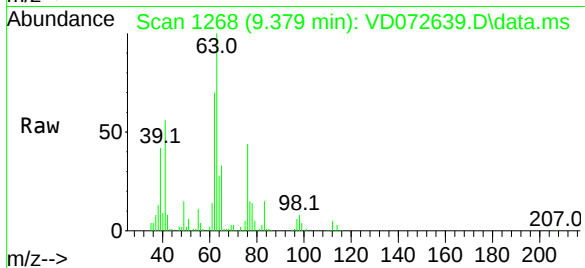
VSTDCCC050

Tgt Ion: 63 Resp: 245171

Ion Ratio Lower Upper

63 100

65 33.2 26.2 39.4



#46

Dibromomethane

Concen: 57.027 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

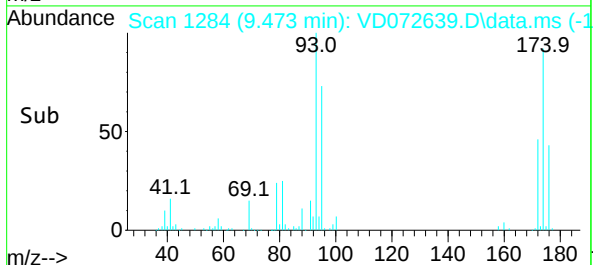
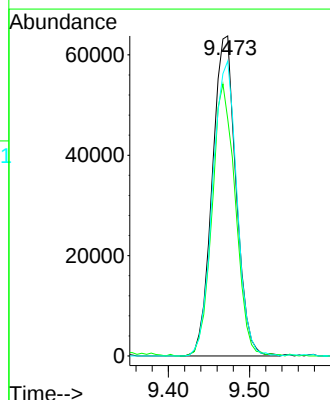
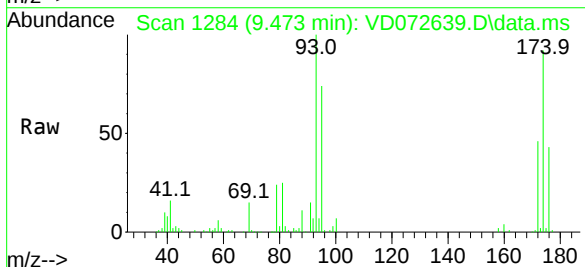
Tgt Ion: 93 Resp: 129614

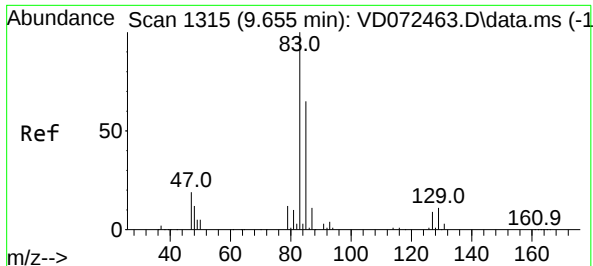
Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 93.8 71.6 107.4





#47

Bromodichloromethane

Concen: 55.349 ug/l

RT: 9.655 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

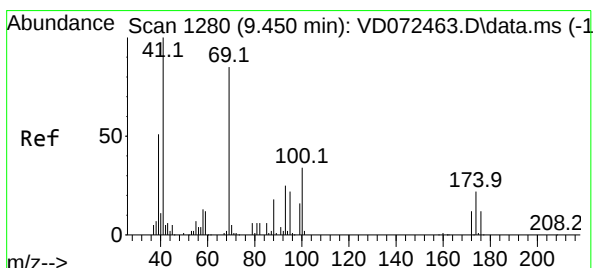
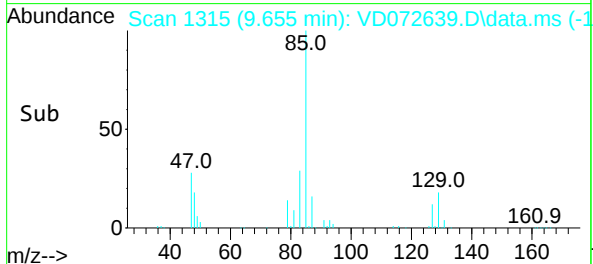
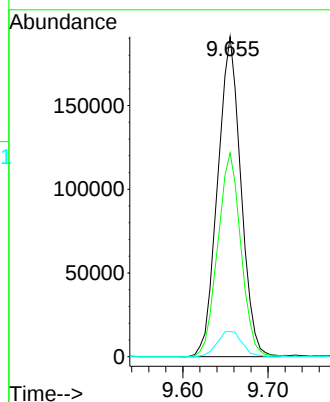
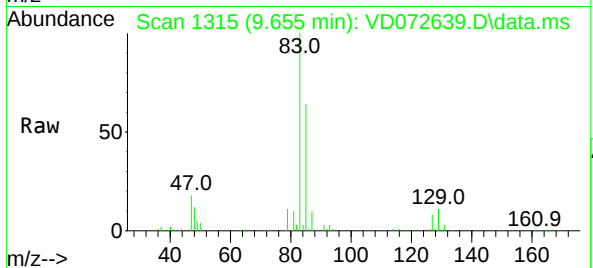
Tgt Ion: 83 Resp: 361411

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.0

127 7.9 6.1 9.1



#48

Methyl methacrylate

Concen: 56.453 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

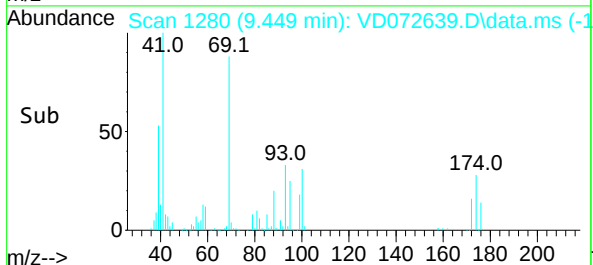
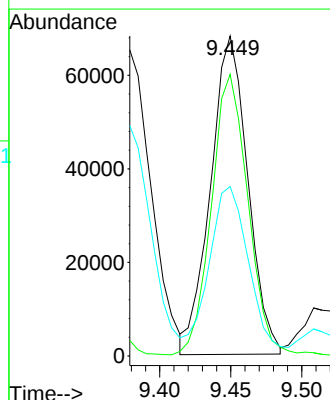
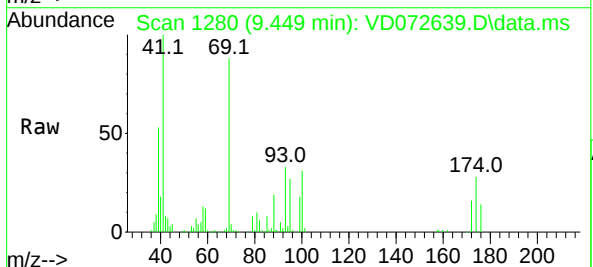
Tgt Ion: 41 Resp: 124220

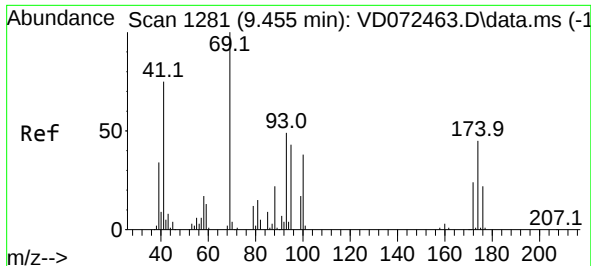
Ion Ratio Lower Upper

41 100

69 87.0 56.7 85.1#

39 57.4 42.7 64.1





#49

1,4-Dioxane

Concen: 1134.936 ug/l

RT: 9.455 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

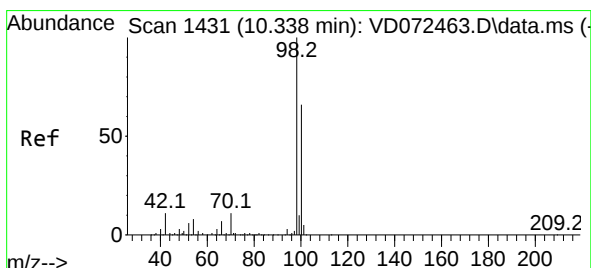
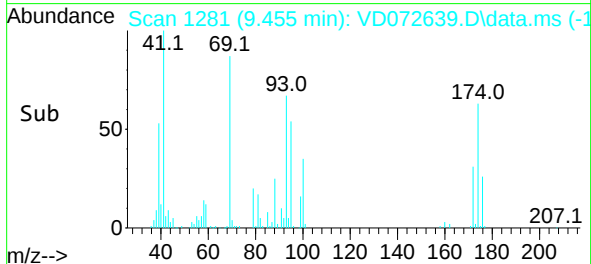
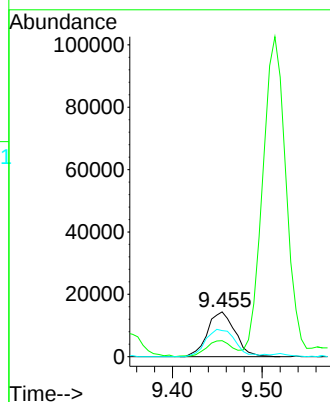
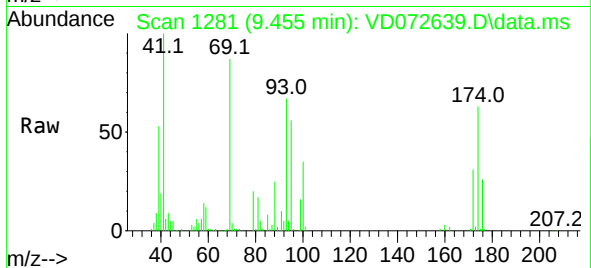
Tgt Ion: 88 Resp: 30685

Ion Ratio Lower Upper

88 100

43 31.0 31.0 46.4

58 65.1 58.1 87.1



#50

Toluene-d8

Concen: 50.892 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072639.D

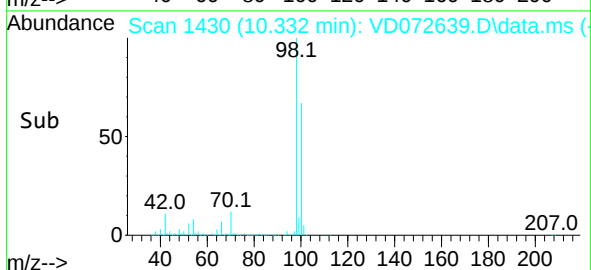
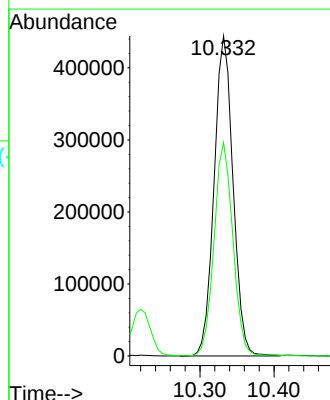
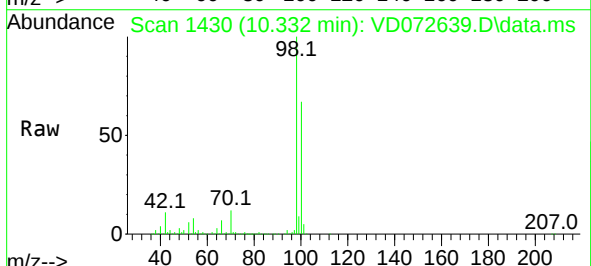
Acq: 20 Apr 2022 11:25

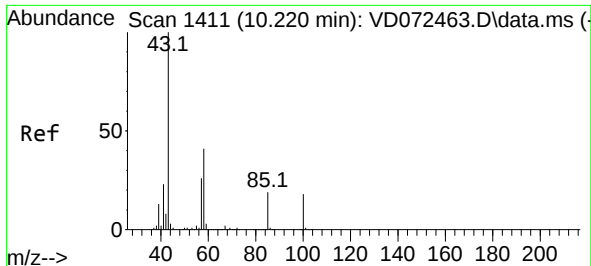
Tgt Ion: 98 Resp: 788853

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 278.795 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

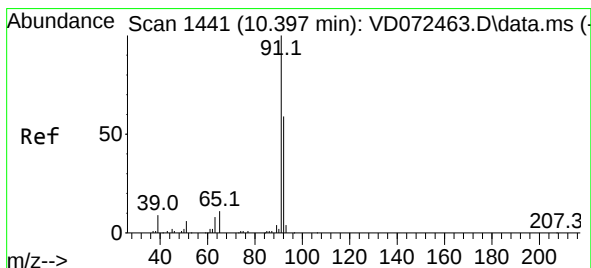
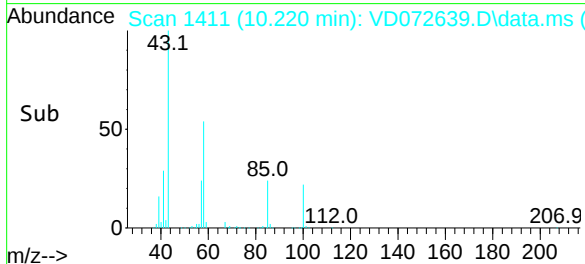
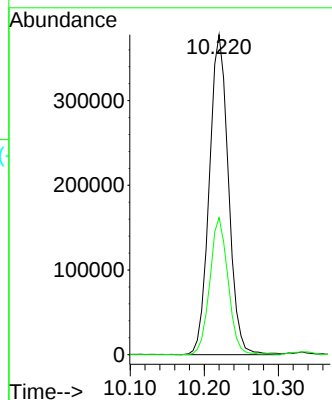
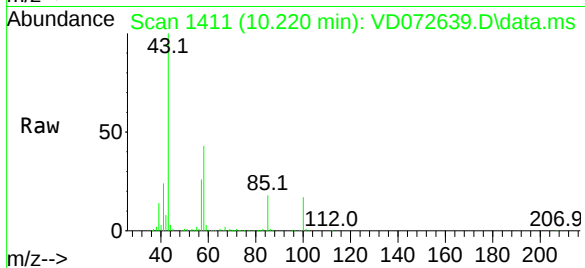
VSTDCCC050

Tgt Ion: 43 Resp: 678011

Ion Ratio Lower Upper

43 100

58 40.9 28.6 43.0



#52

Toluene

Concen: 57.384 ug/l

RT: 10.396 min Scan# 1441

Delta R.T. -0.000 min

Lab File: VD072639.D

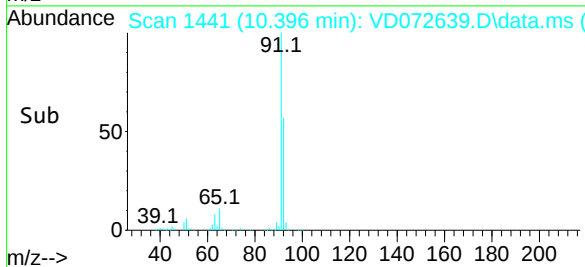
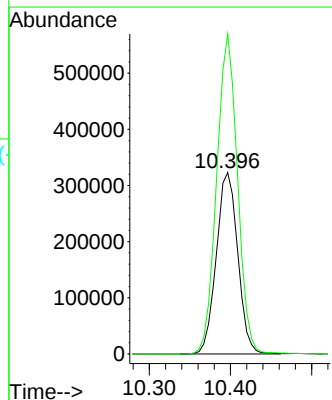
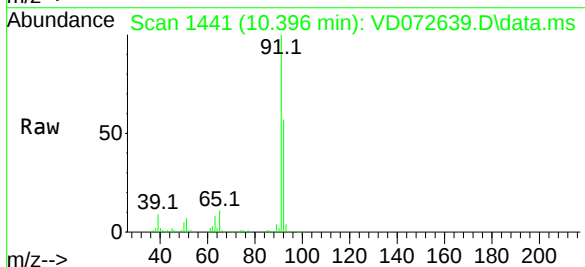
Acq: 20 Apr 2022 11:25

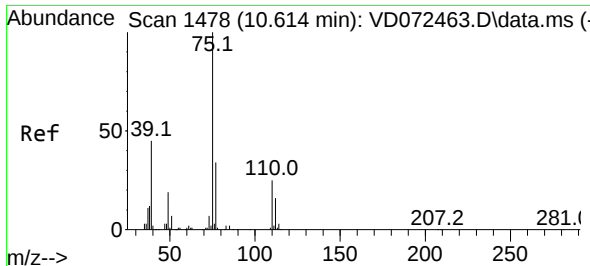
Tgt Ion: 92 Resp: 593685

Ion Ratio Lower Upper

92 100

91 171.8 139.6 209.4

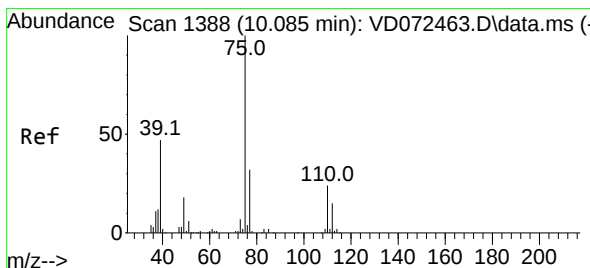
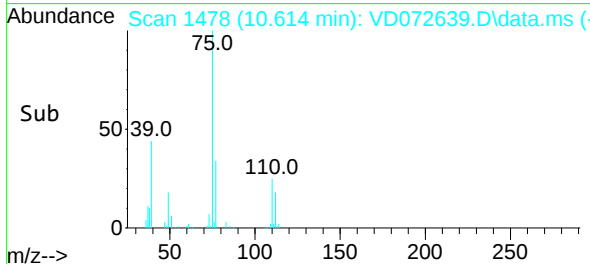
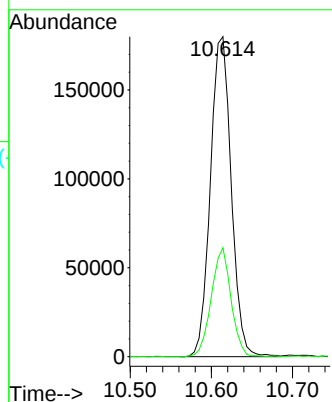
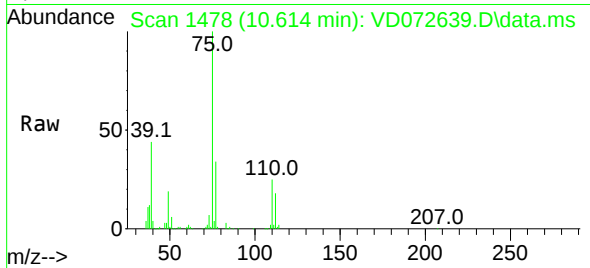




#53
t-1,3-Dichloropropene
Concen: 56.440 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

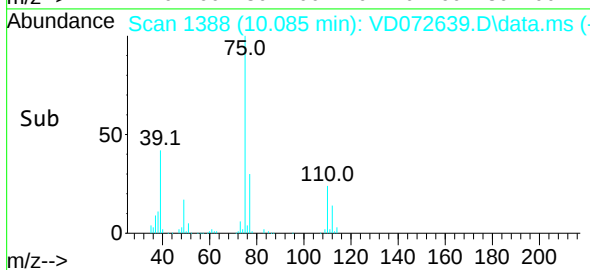
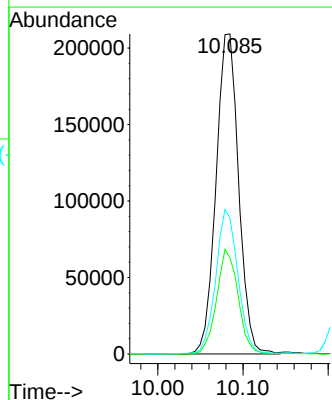
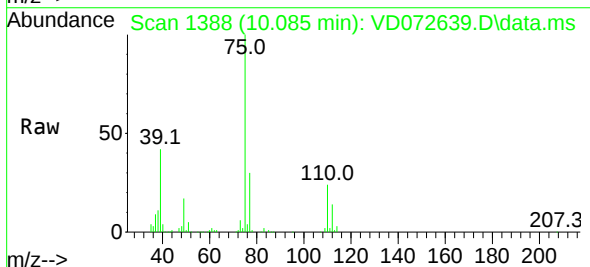
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

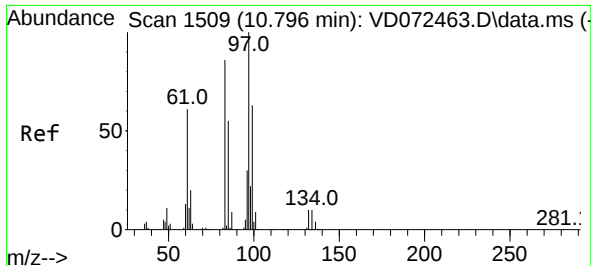
Tgt Ion: 75 Resp: 321144
Ion Ratio Lower Upper
75 100
77 34.1 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 57.378 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 75 Resp: 386006
Ion Ratio Lower Upper
75 100
77 30.0 24.8 37.2
39 42.3 46.8 70.2#



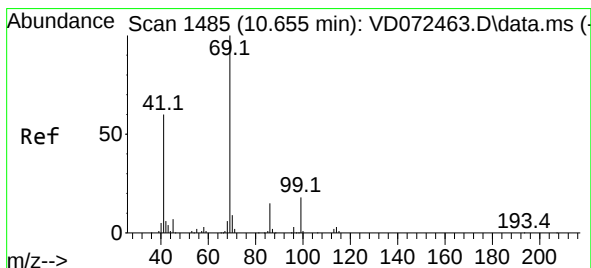
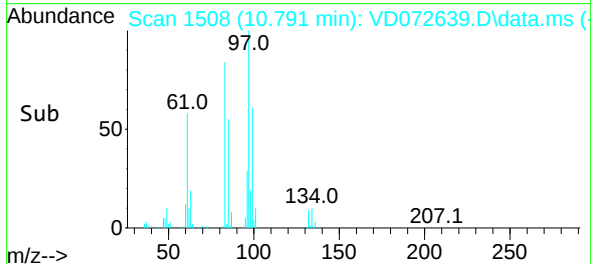
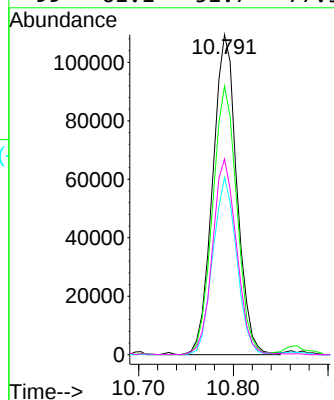
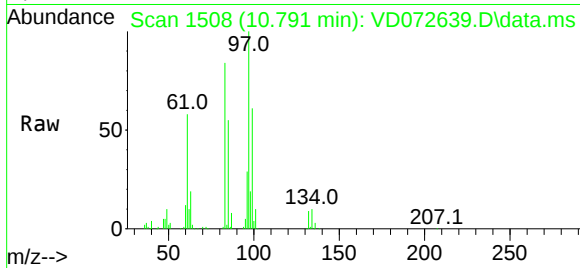


#55
1,1,2-Trichloroethane
Concen: 56.524 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 194767

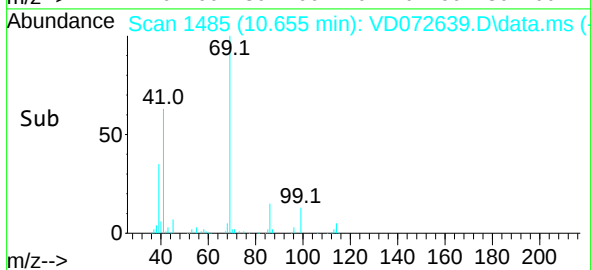
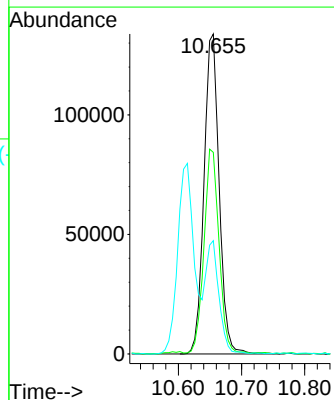
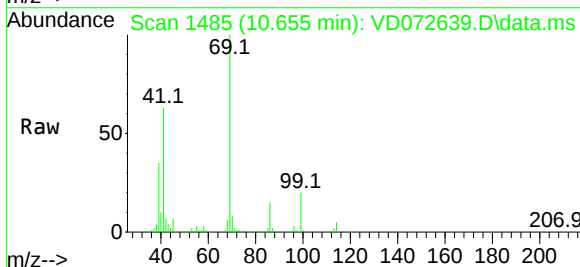
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.0	103.4
85	55.3	42.6	63.8
99	61.1	51.7	77.5

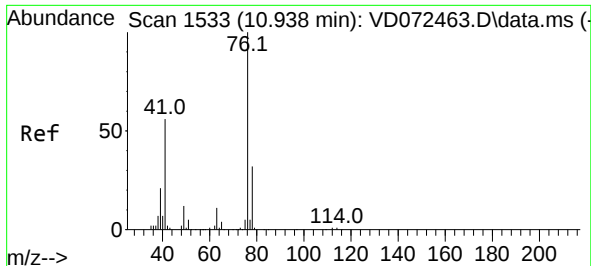


#56
Ethyl methacrylate
Concen: 52.479 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 69 Resp: 222597

Ion	Ratio	Lower	Upper
69	100		
41	63.3	63.0	94.6
39	30.1	33.8	50.8

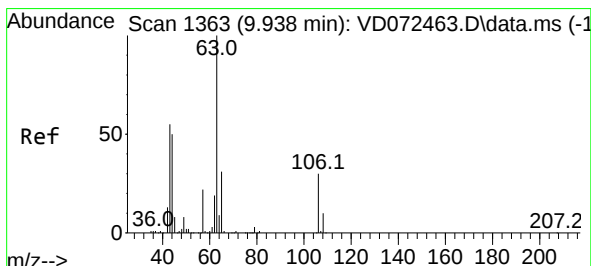
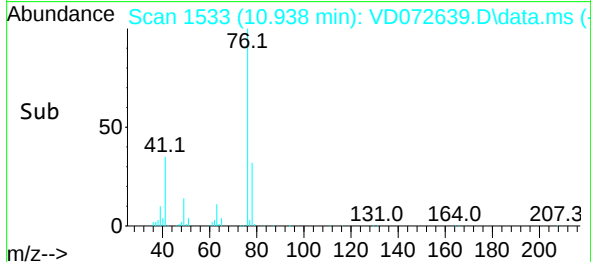
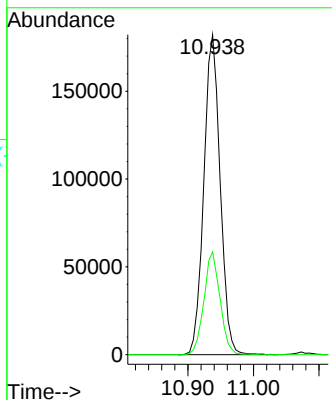
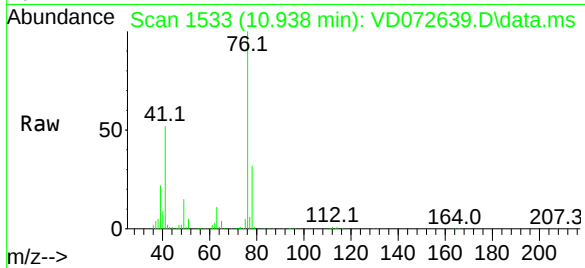




#57
1,3-Dichloropropane
Concen: 55.452 ug/l
RT: 10.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

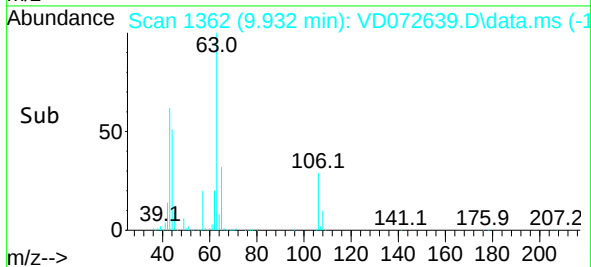
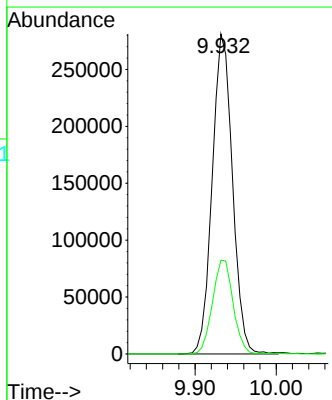
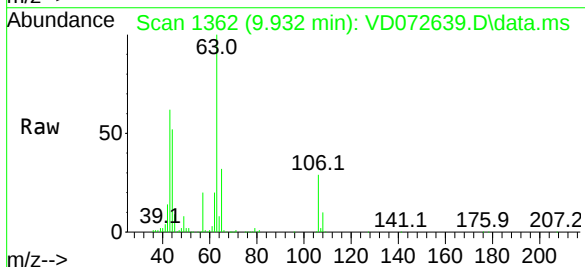
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

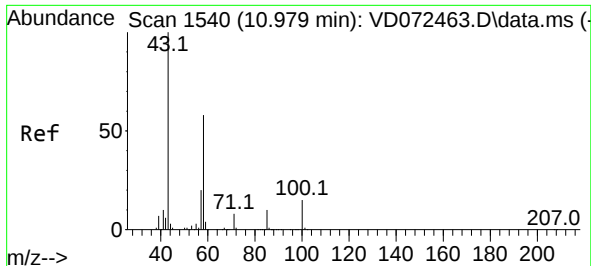
Tgt Ion: 76 Resp: 315878
Ion Ratio Lower Upper
76 100
78 31.7 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 286.492 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 63 Resp: 487370
Ion Ratio Lower Upper
63 100
106 29.9 21.4 32.0

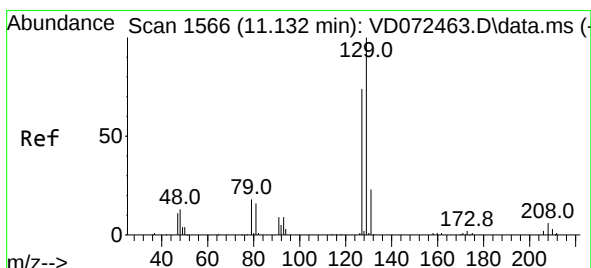
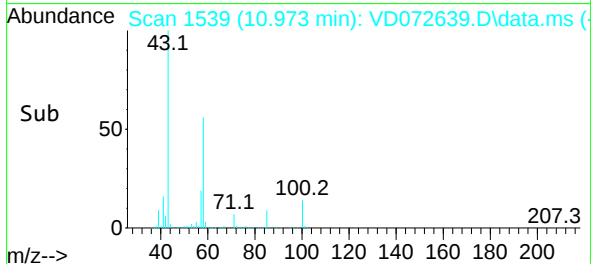
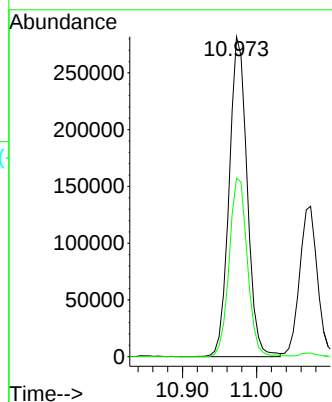
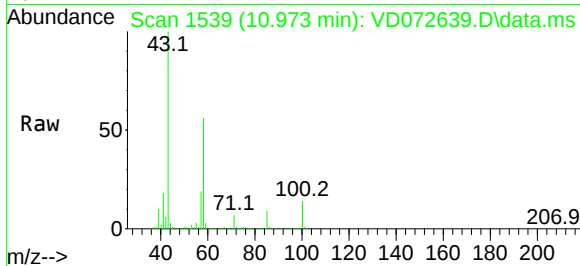




#59
2-Hexanone
Concen: 287.360 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

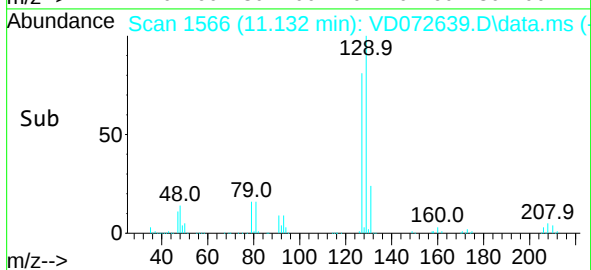
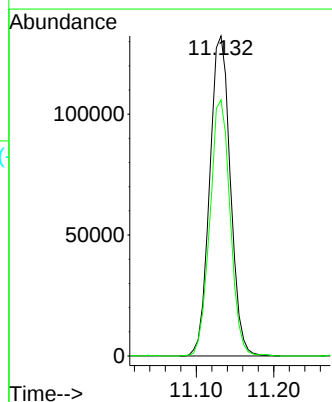
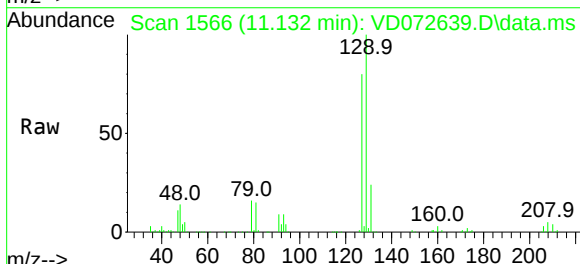
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

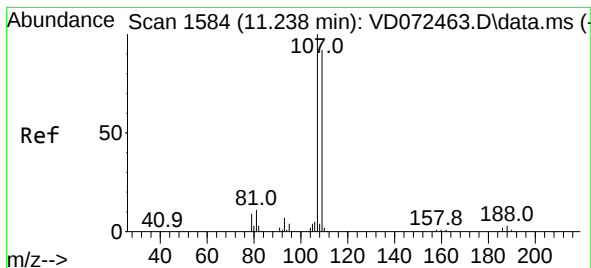
Tgt Ion: 43 Resp: 475226
Ion Ratio Lower Upper
43 100
58 56.3 25.3 75.9



#60
Dibromochloromethane
Concen: 55.255 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion:129 Resp: 245595
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

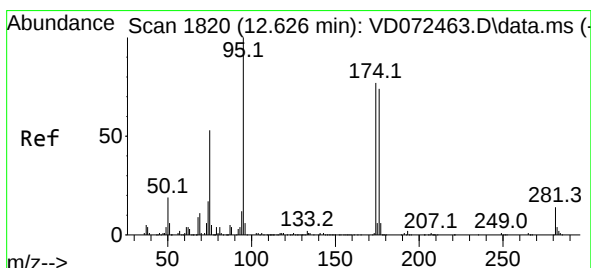
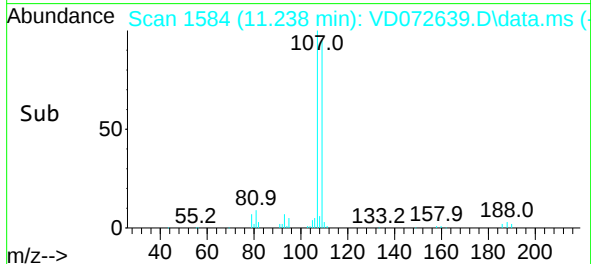
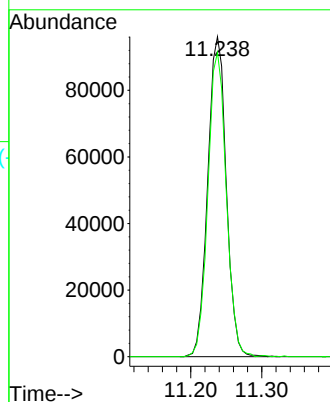
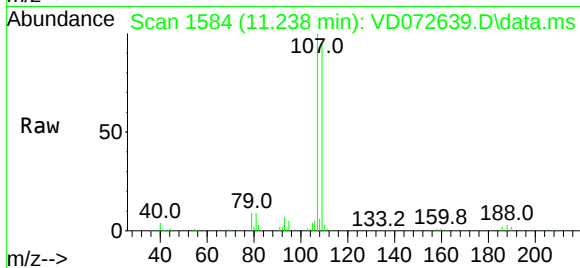




#61
1,2-Dibromoethane
Concen: 56.965 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

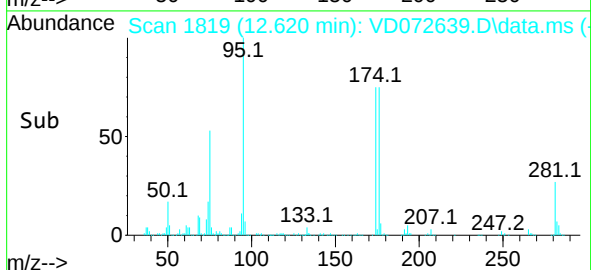
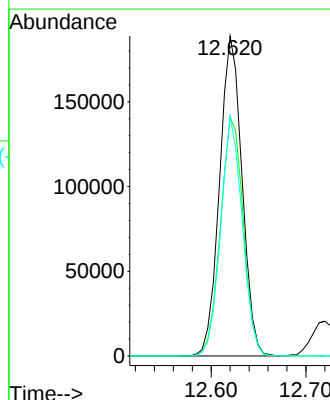
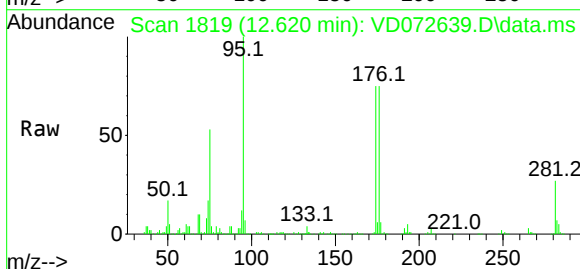
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

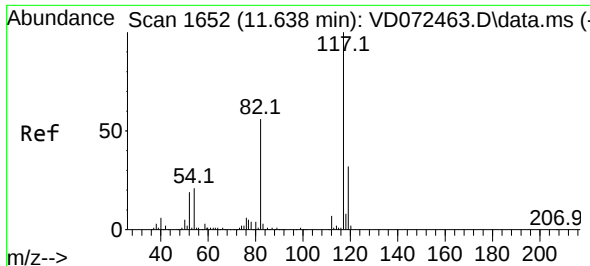
Tgt Ion:107 Resp: 174277
Ion Ratio Lower Upper
107 100
109 94.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.328 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 95 Resp: 310723
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.1 0.0 145.4

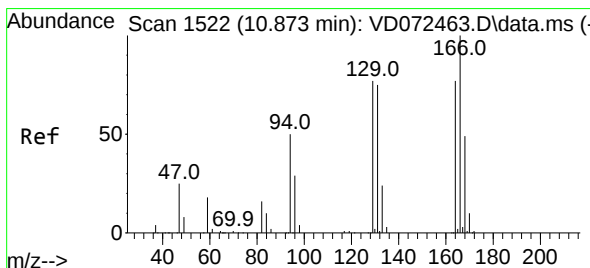
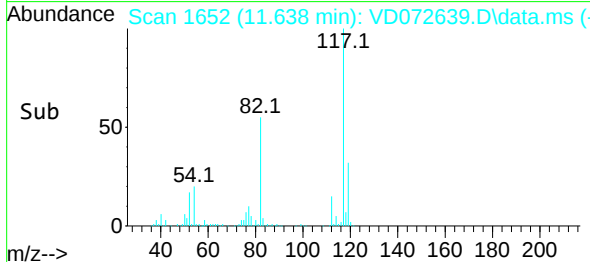
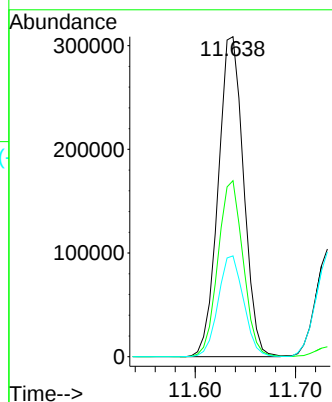
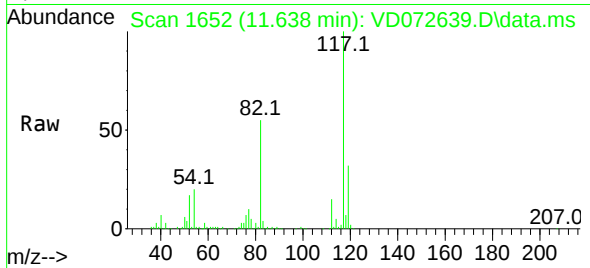




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

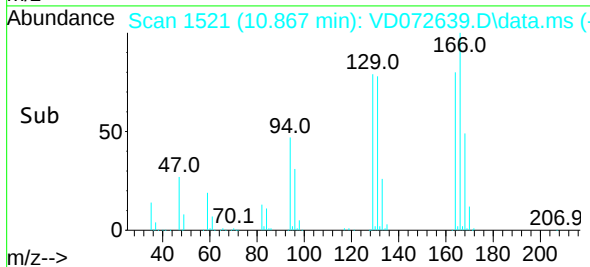
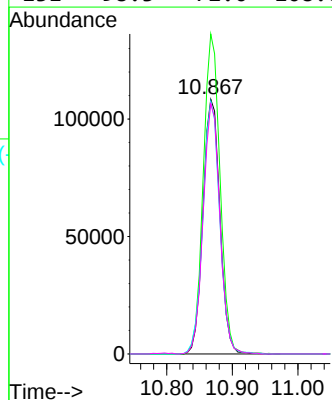
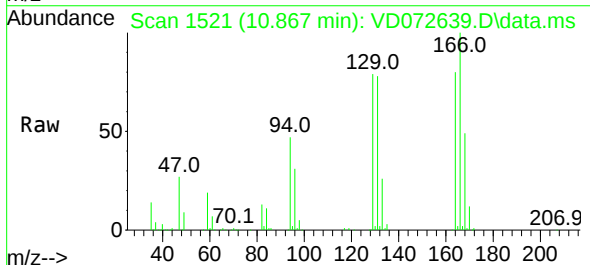
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

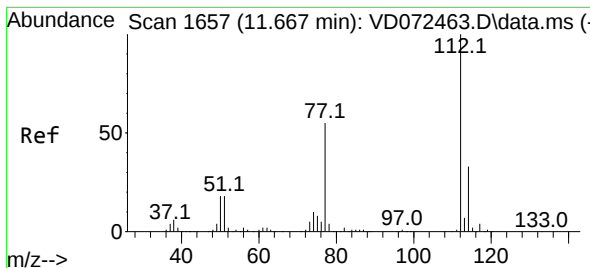
Tgt Ion:117 Resp: 542705
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 31.5 26.6 40.0



#64
Tetrachloroethene
Concen: 55.105 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion:164 Resp: 195393
Ion Ratio Lower Upper
164 100
166 125.6 98.5 147.7
129 99.2 74.6 111.8
131 98.3 72.0 108.0





#65

Chlorobenzene

Concen: 54.486 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

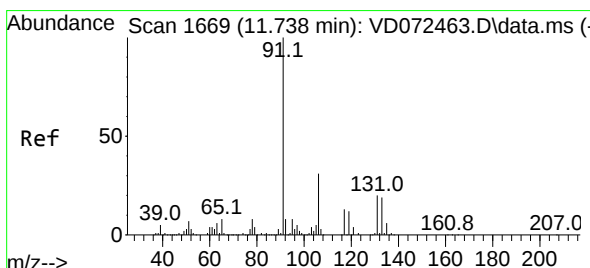
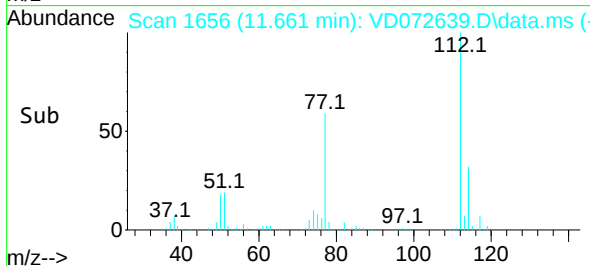
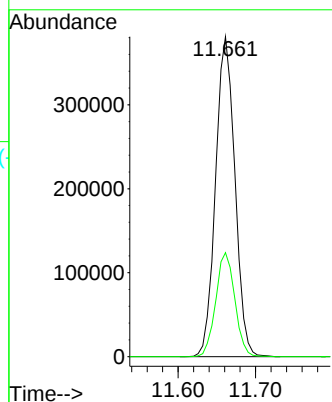
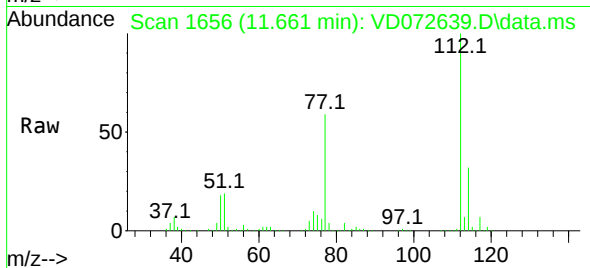
VSTDCCC050

Tgt Ion:112 Resp: 661105

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.071 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

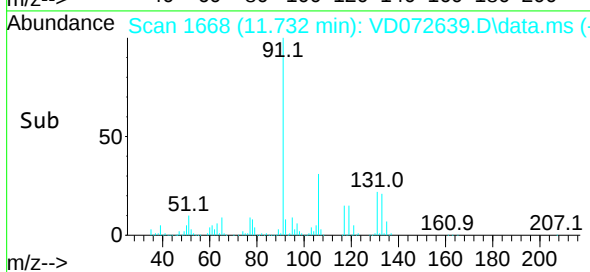
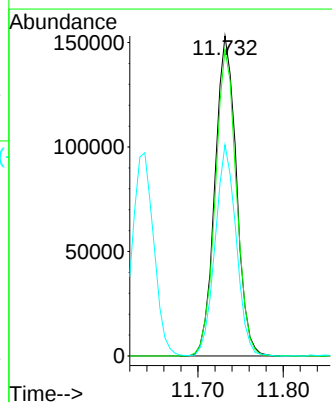
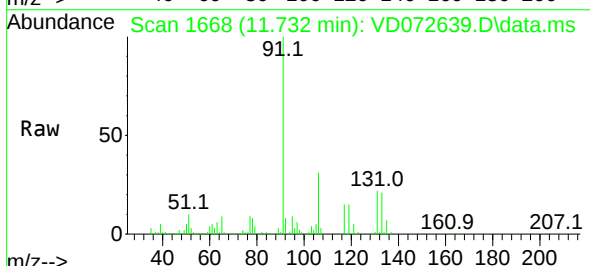
Tgt Ion:131 Resp: 267147

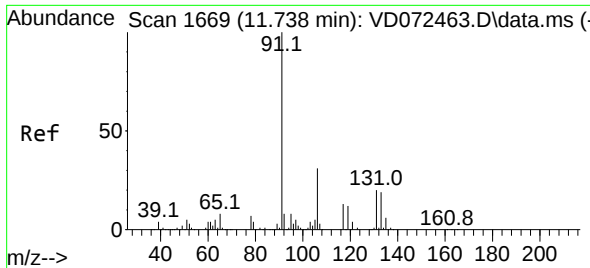
Ion Ratio Lower Upper

131 100

133 94.4 48.1 144.3

119 64.9 31.9 95.9

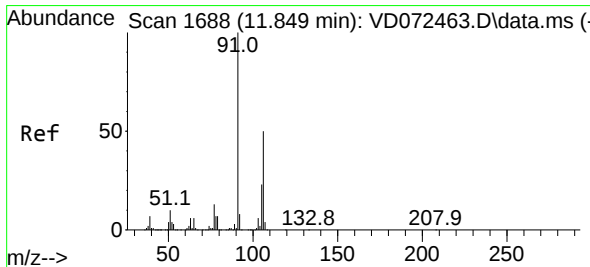
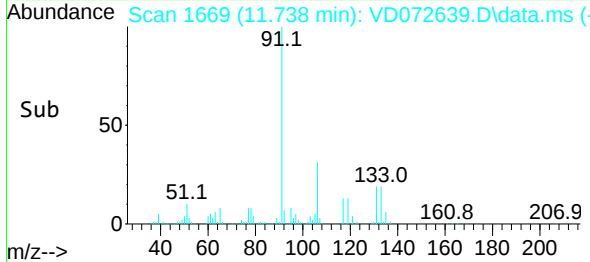
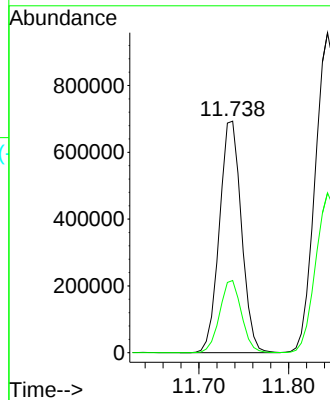
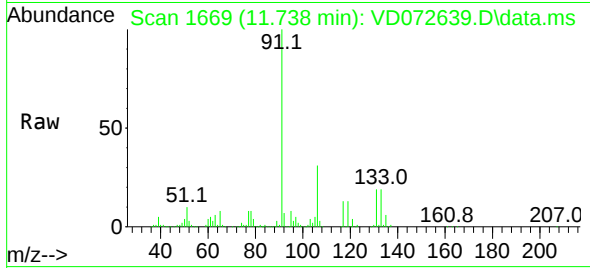




#67
Ethyl Benzene
Concen: 55.845 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

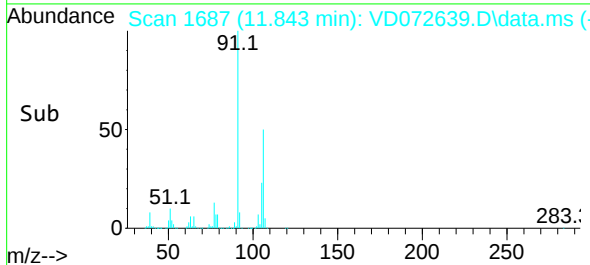
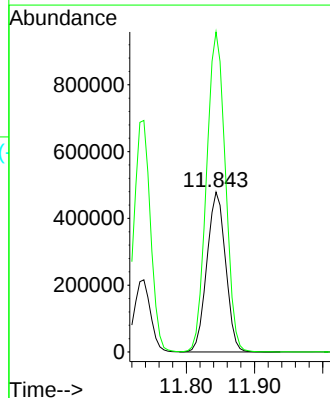
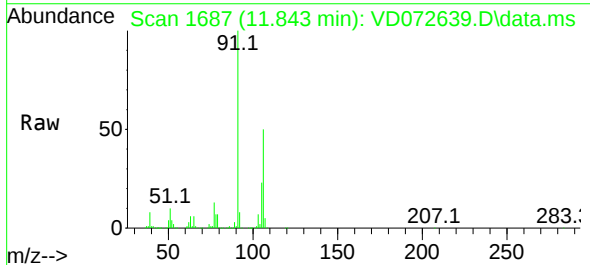
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

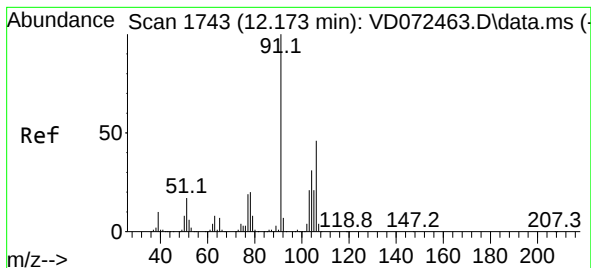
Tgt Ion: 91 Resp: 1182340
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4



#68
m/p-Xylenes
Concen: 113.587 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion:106 Resp: 912343
Ion Ratio Lower Upper
106 100
91 202.0 163.7 245.5

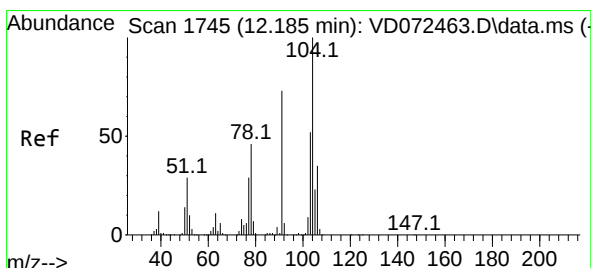
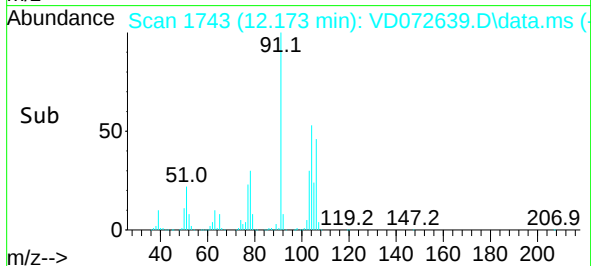
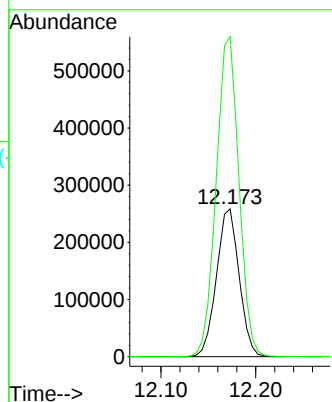
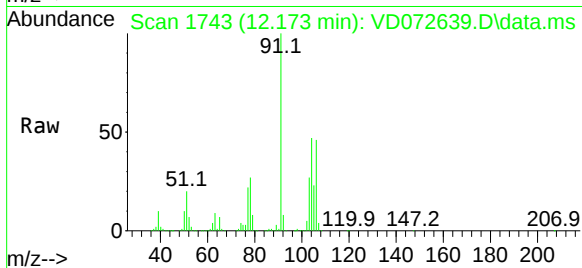




#69
o-Xylene
Concen: 55.503 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

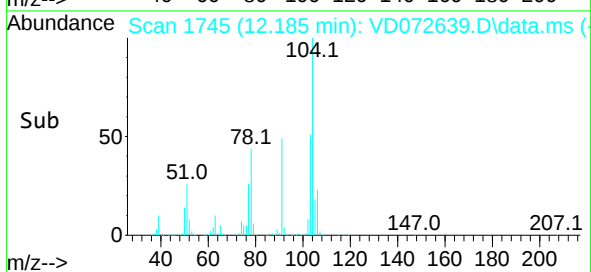
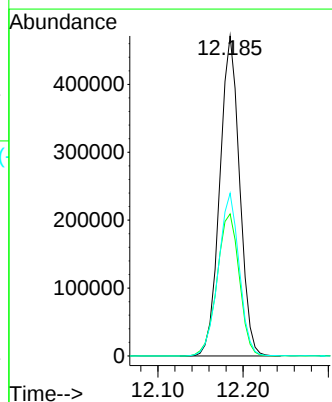
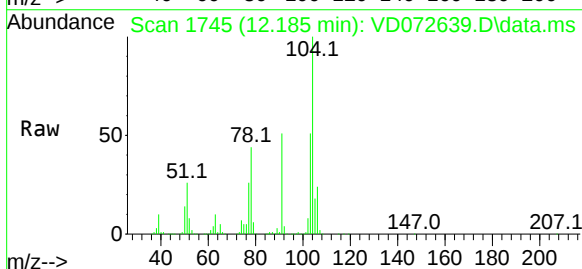
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

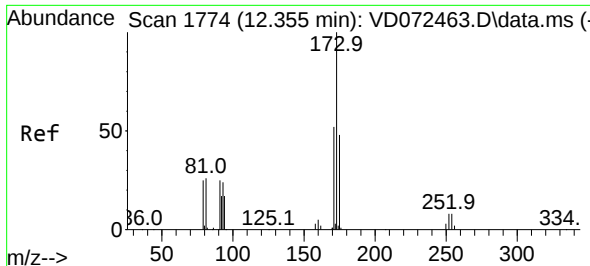
Tgt Ion:106 Resp: 430134
Ion Ratio Lower Upper
106 100
91 217.4 110.4 331.2



#70
Styrene
Concen: 55.731 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion:104 Resp: 761178
Ion Ratio Lower Upper
104 100
78 49.8 41.8 62.8
103 53.8 44.2 66.4

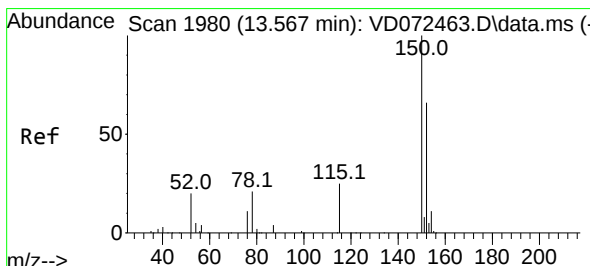
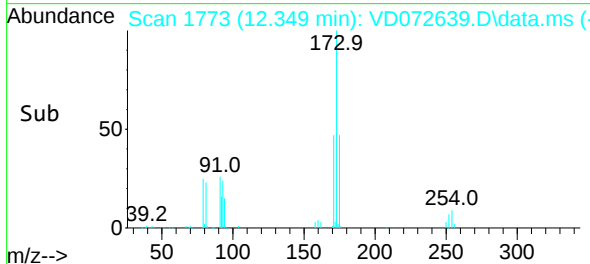
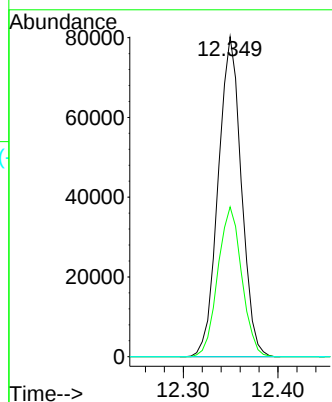
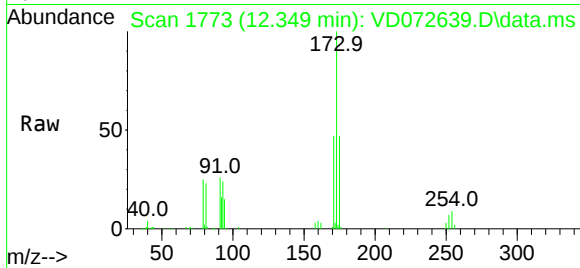




#71
Bromoform
Concen: 53.008 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

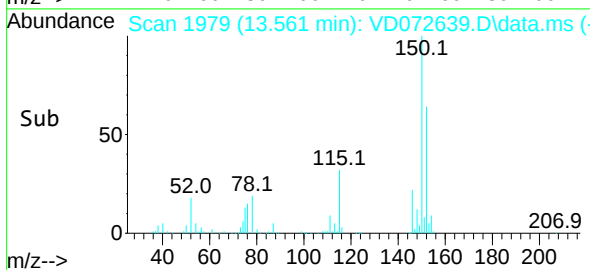
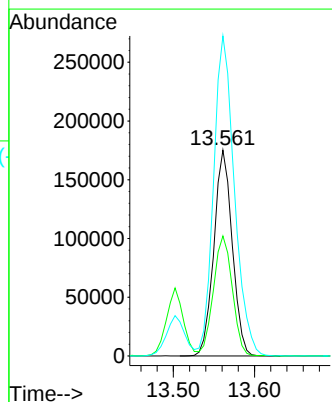
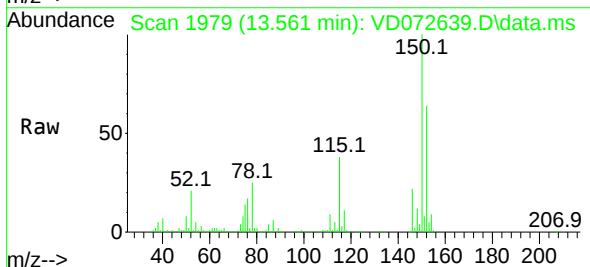
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

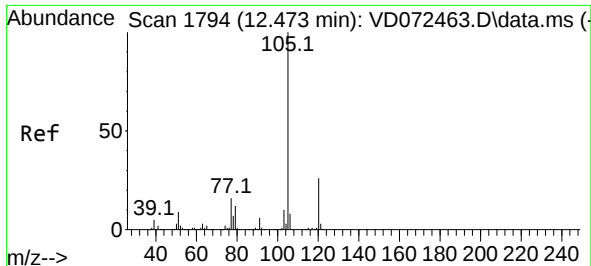
Tgt Ion:173 Resp: 136316
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion:152 Resp: 275820
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 176.2 0.0 348.6

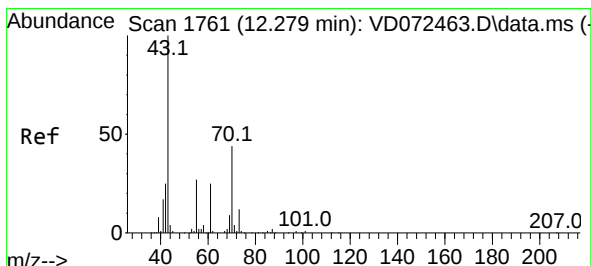
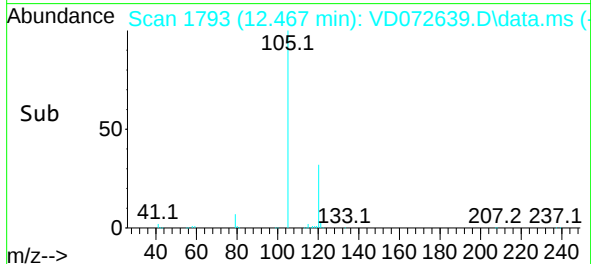
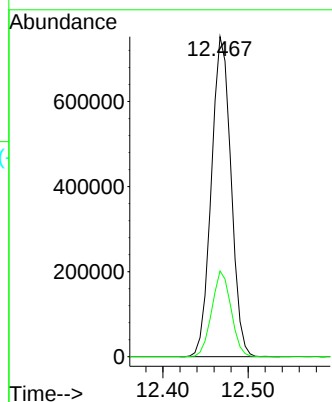
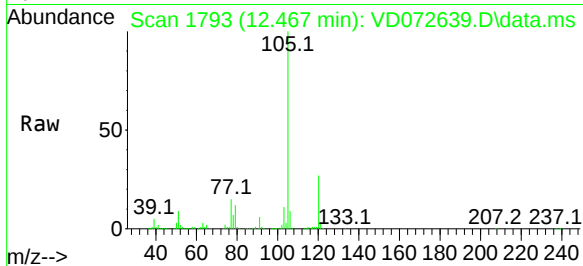




#73
Isopropylbenzene
Concen: 54.125 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

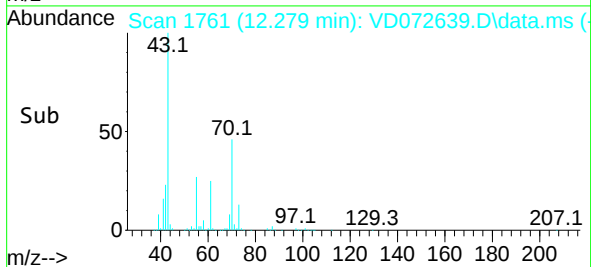
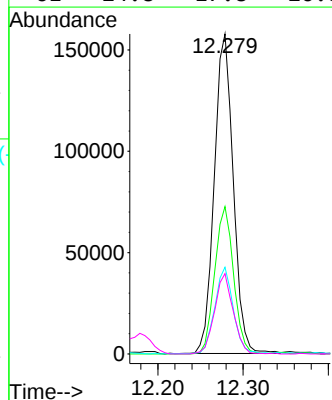
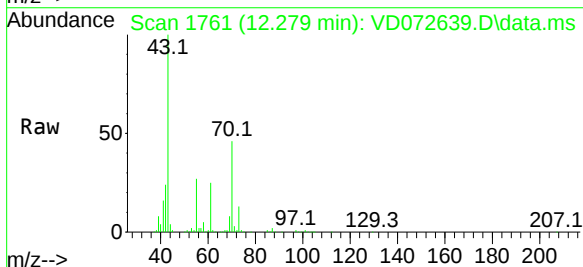
Instrument :
MSVOA_D
ClientSampleId :
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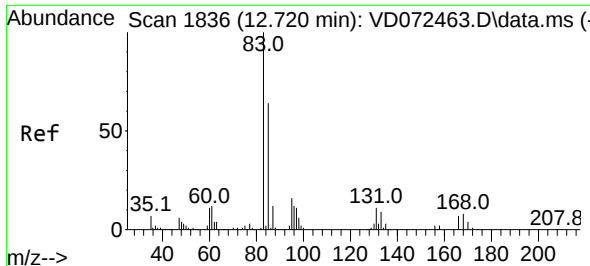
Tgt Ion:105 Resp: 1205650
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 52.364 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 43 Resp: 244739
Ion Ratio Lower Upper
43 100
70 45.7 31.3 46.9
55 26.3 20.0 30.0
61 24.8 17.8 26.8

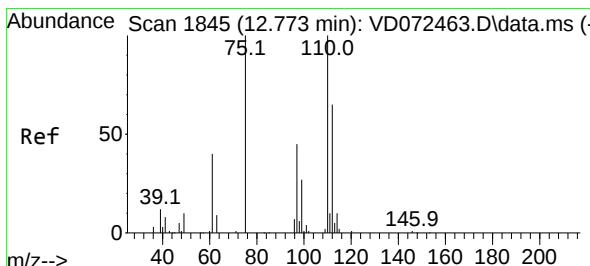
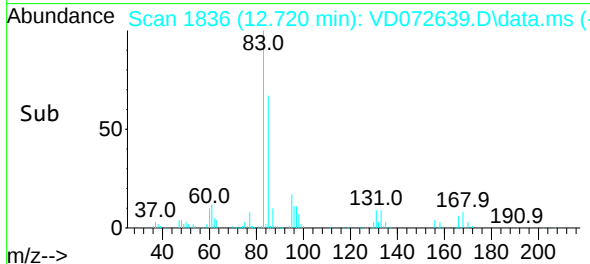
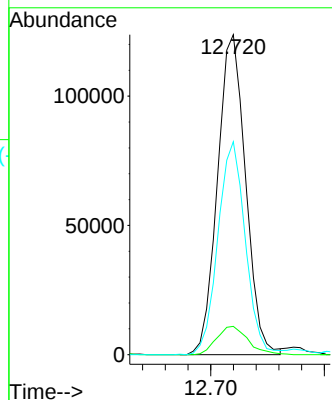
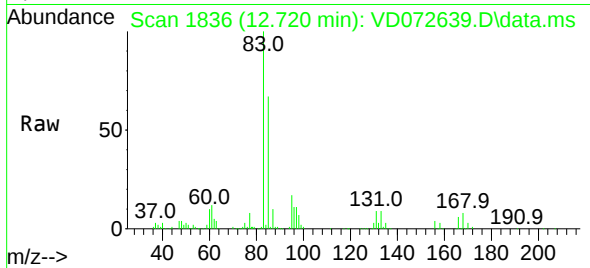




#75
1,1,2,2-Tetrachloroethane
Concen: 50.396 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

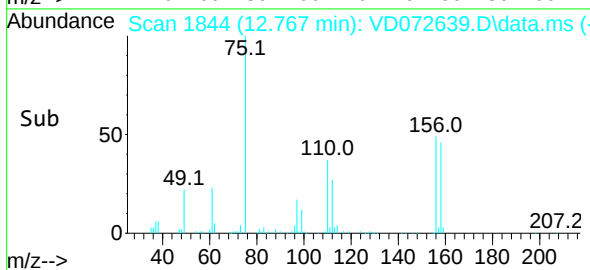
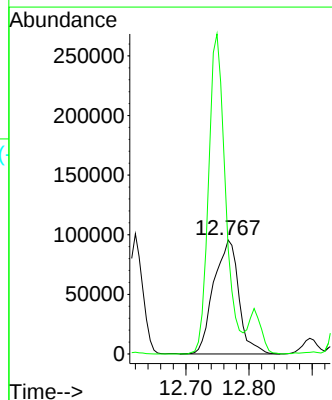
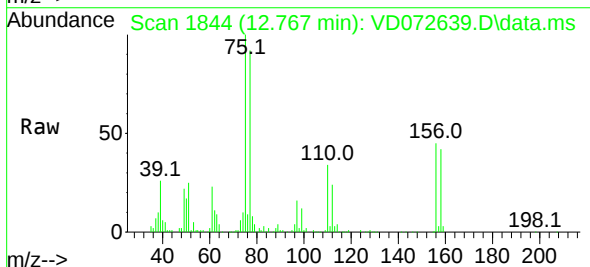
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

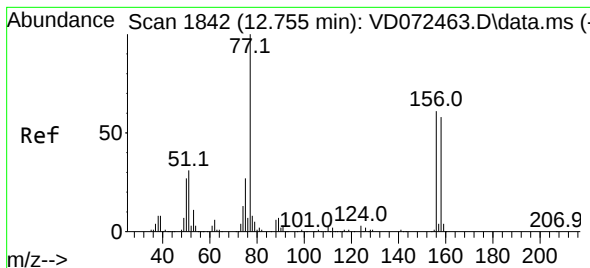
Tgt Ion: 83 Resp: 212634
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 87.558 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 75 Resp: 263398
Ion Ratio Lower Upper
75 100
77 190.5 0.0 0.0#





#77

Bromobenzene

Concen: 53.736 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

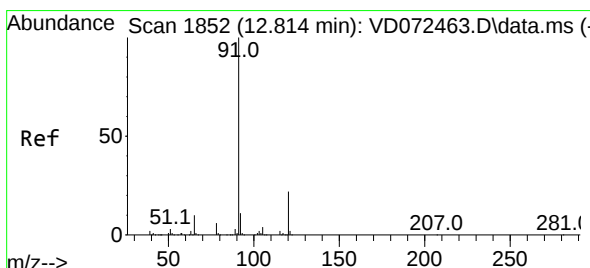
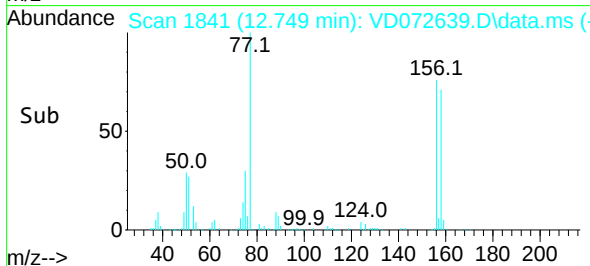
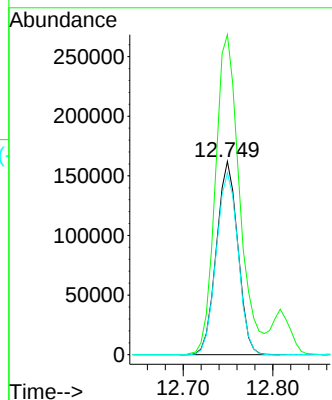
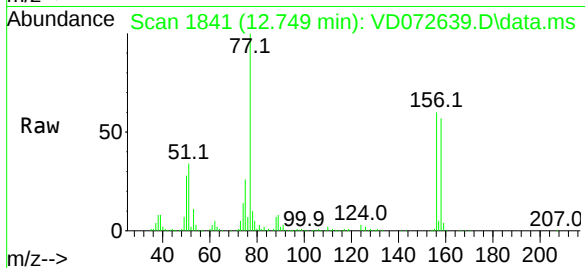
Tgt Ion:156 Resp: 268292

Ion Ratio Lower Upper

156 100

77 187.0 102.8 308.3

158 96.1 48.7 146.1



#78

n-propylbenzene

Concen: 54.123 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VD072639.D

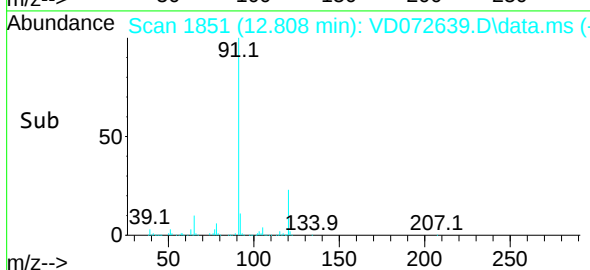
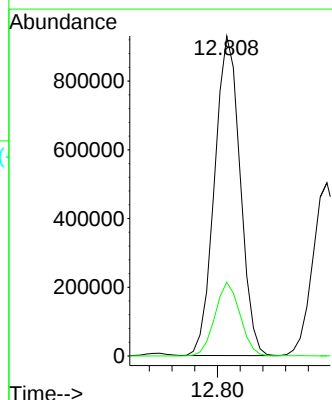
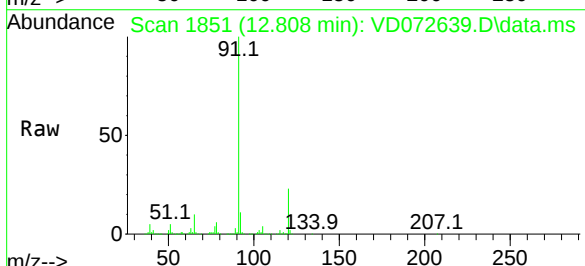
Acq: 20 Apr 2022 11:25

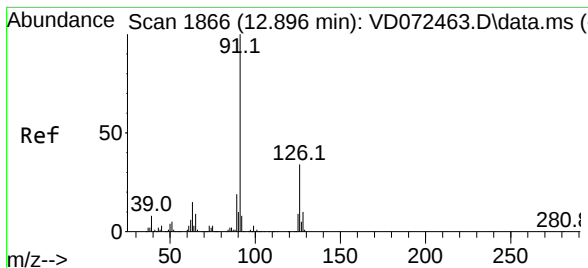
Tgt Ion: 91 Resp: 1454415

Ion Ratio Lower Upper

91 100

120 22.6 10.9 32.9

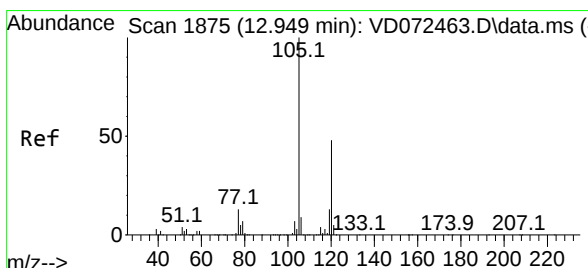
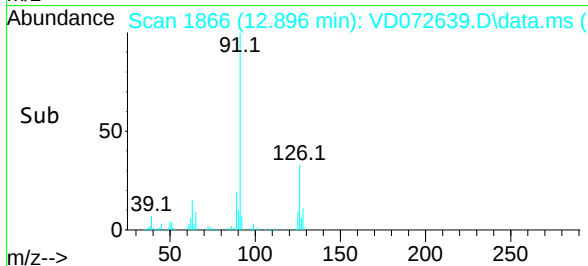
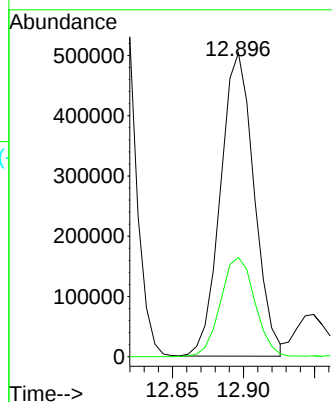
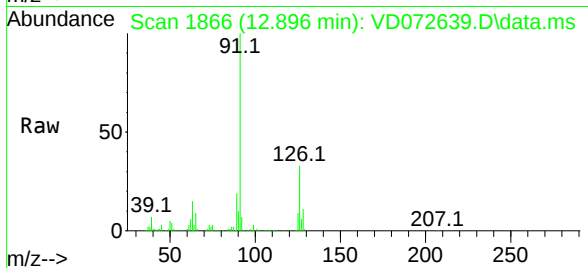




#79
2-Chlorotoluene
Concen: 52.792 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

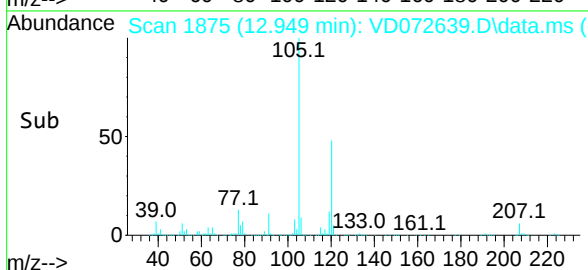
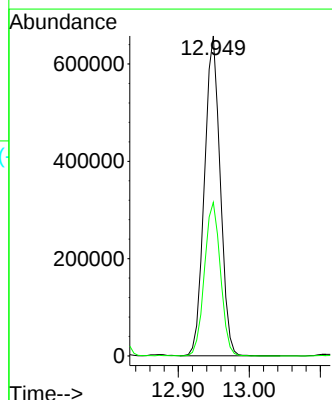
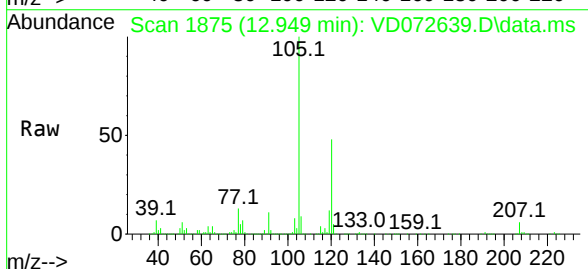
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

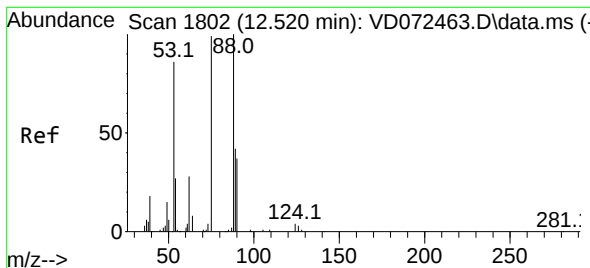
Tgt Ion: 91 Resp: 829649
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 53.350 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion:105 Resp: 1017799
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

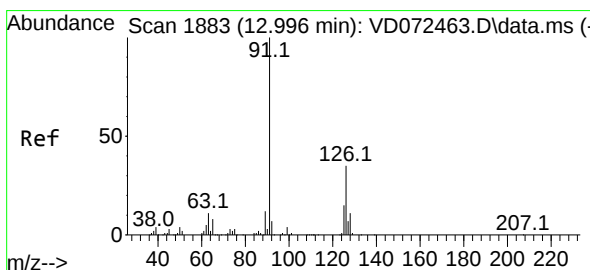
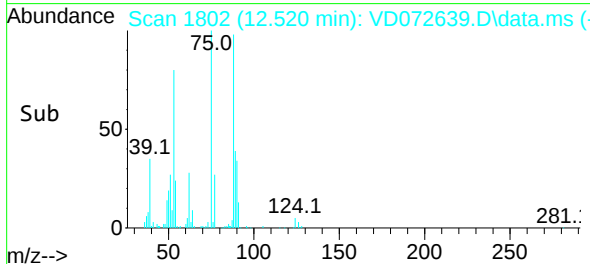
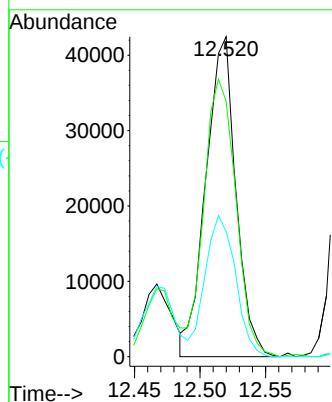
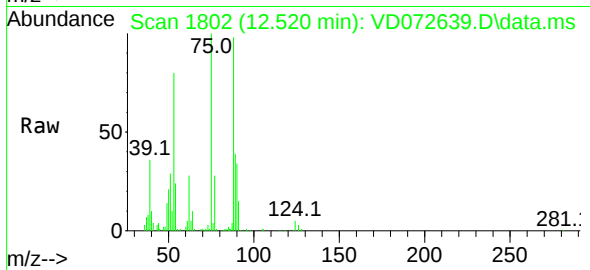




#81
trans-1,4-Dichloro-2-butene
Concen: 55.108 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

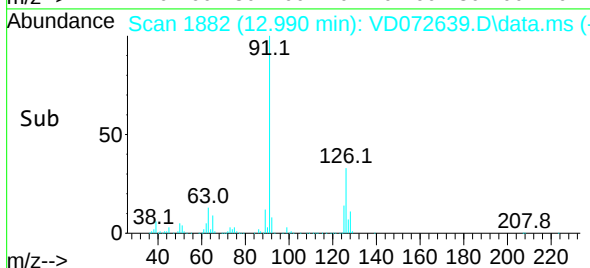
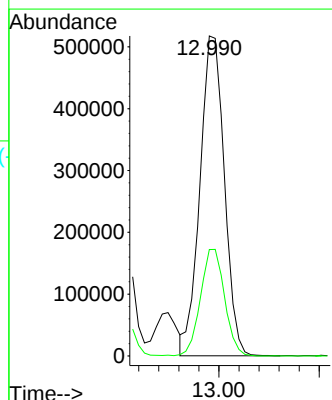
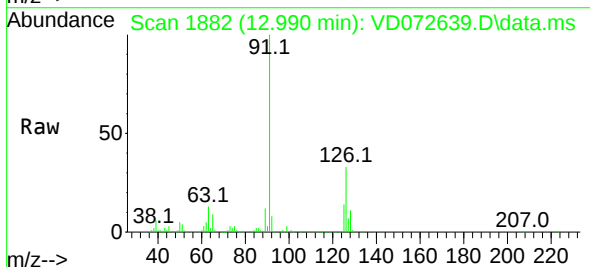
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

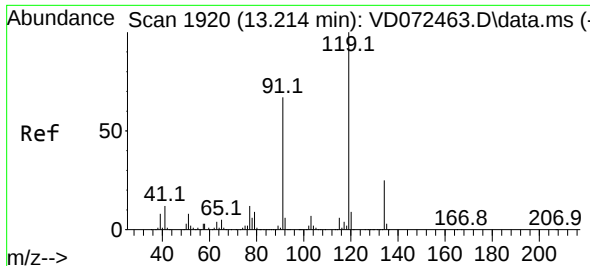
Tgt Ion: 75 Resp: 67560
Ion Ratio Lower Upper
75 100
53 91.0 86.5 129.7
89 44.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 53.395 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 91 Resp: 873925
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5

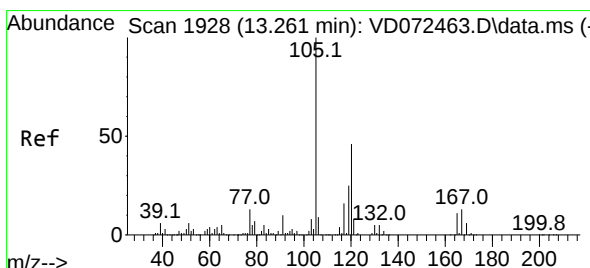
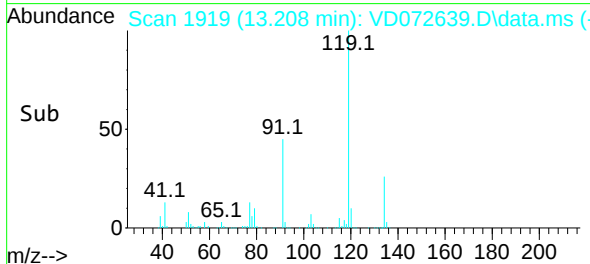
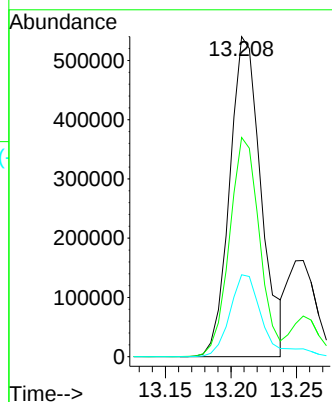
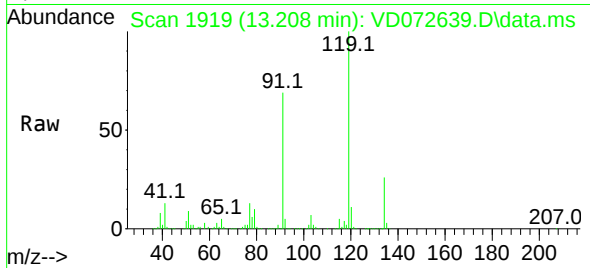




#83
tert-Butylbenzene
Concen: 54.464 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

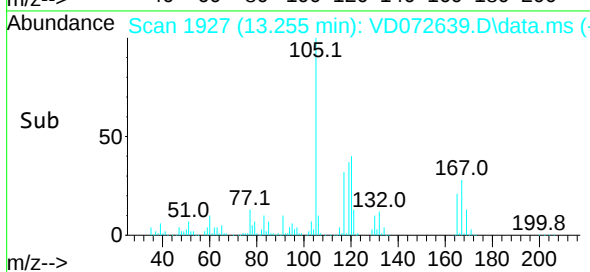
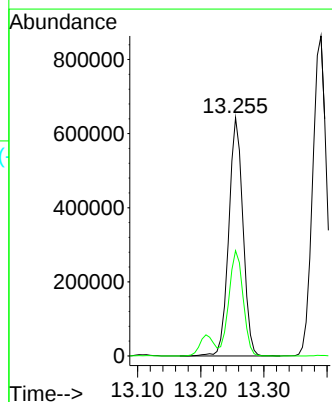
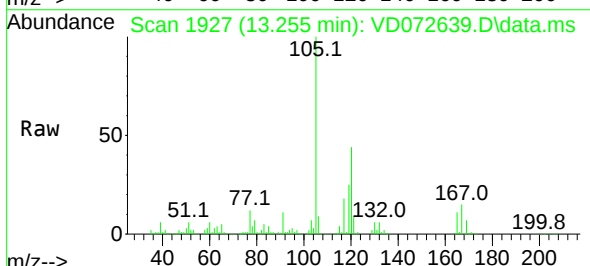
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

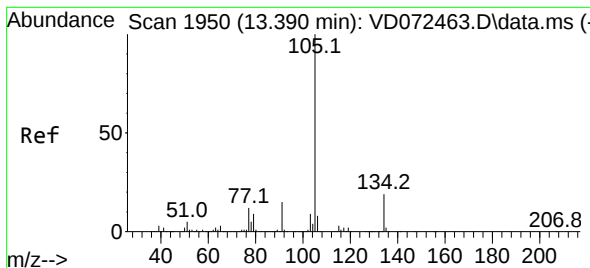
Tgt Ion:119 Resp: 899521
Ion Ratio Lower Upper
119 100
91 65.6 34.8 104.5
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 53.651 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion:105 Resp: 1000893
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 53.626 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

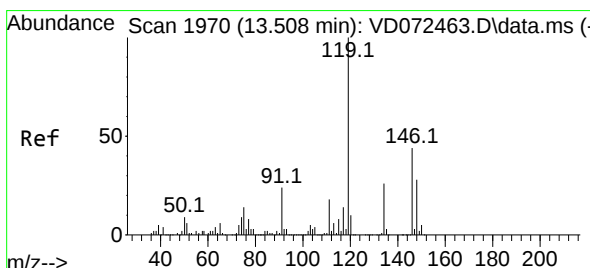
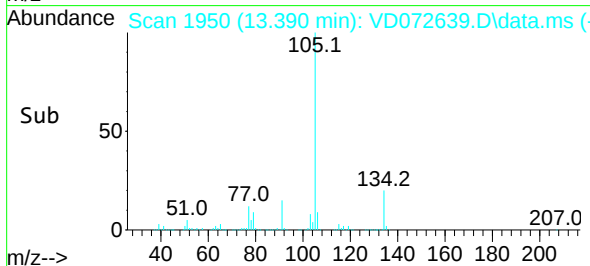
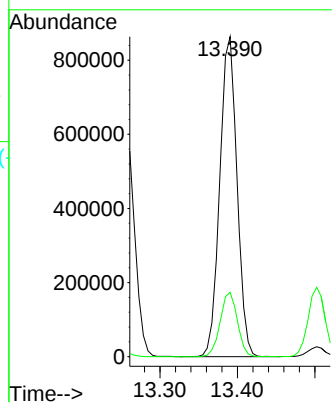
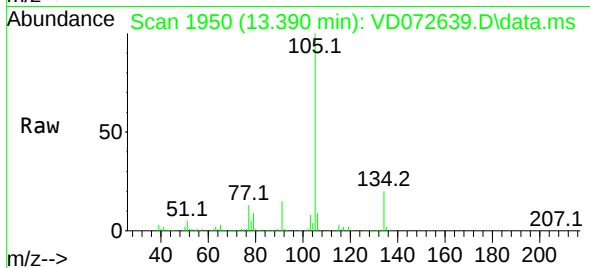
VSTDCCC050

Tgt Ion:105 Resp: 1334081

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.712 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

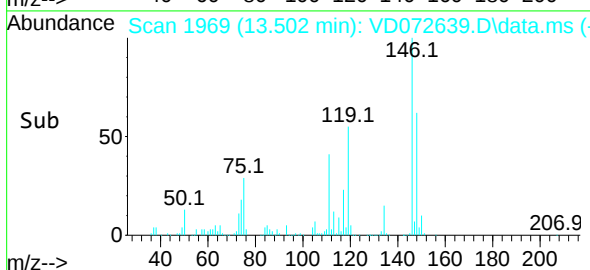
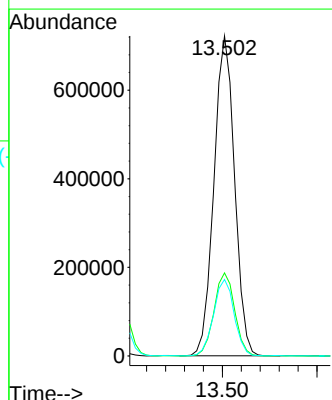
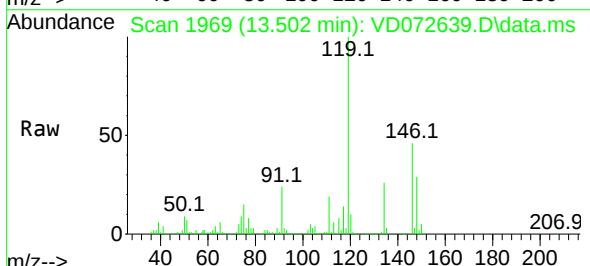
Tgt Ion:119 Resp: 1092202

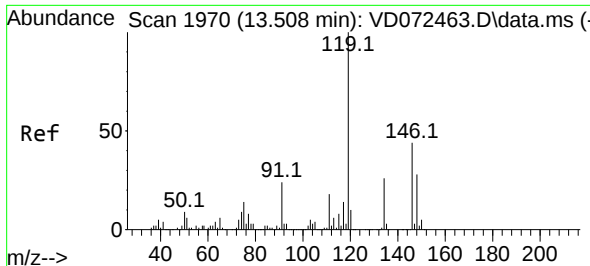
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 23.9 12.1 36.3

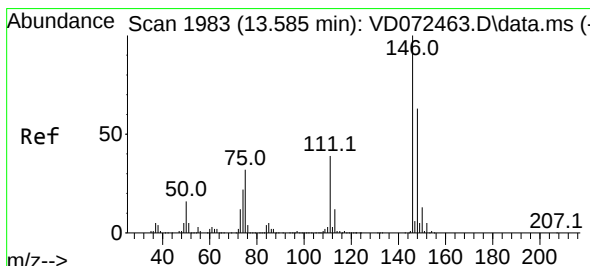
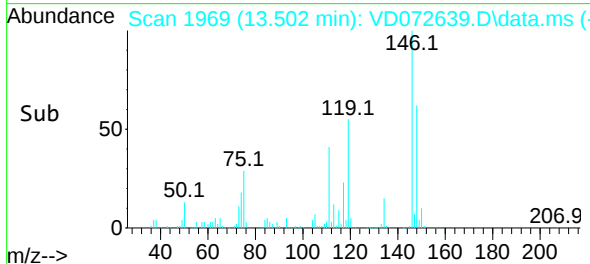
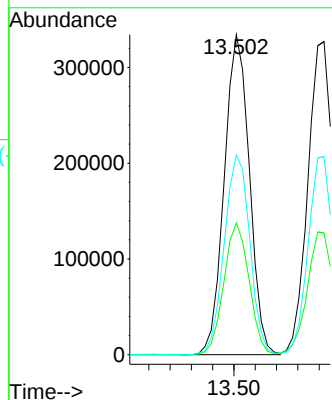
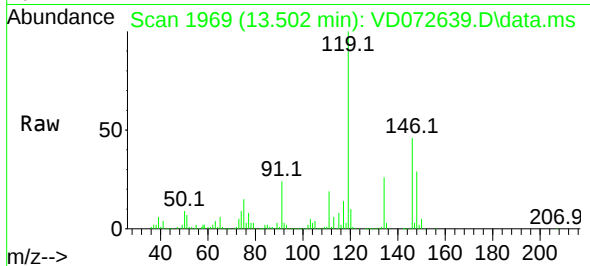




#87
1,3-Dichlorobenzene
Concen: 52.891 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

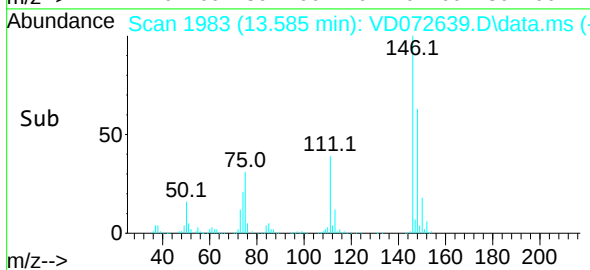
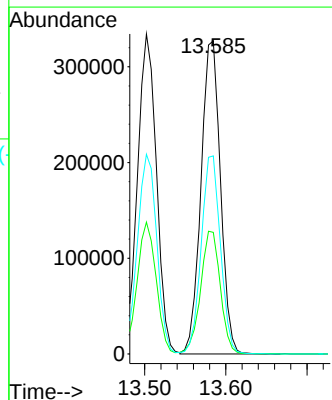
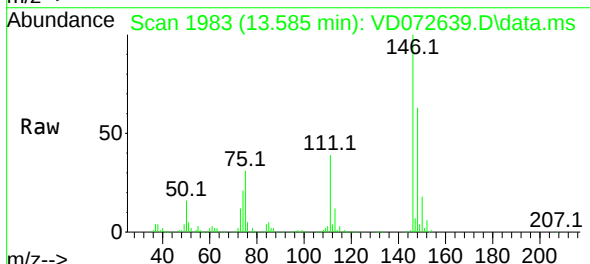
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

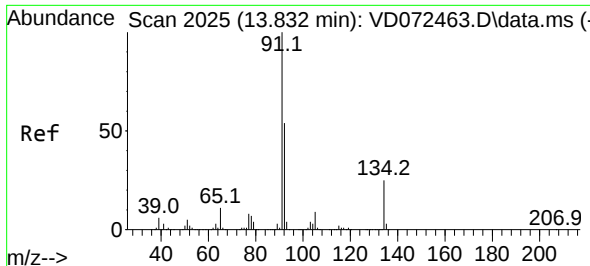
Tgt Ion:146 Resp: 547189
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.3
148 63.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 52.273 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion:146 Resp: 545065
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 62.6 31.7 95.1

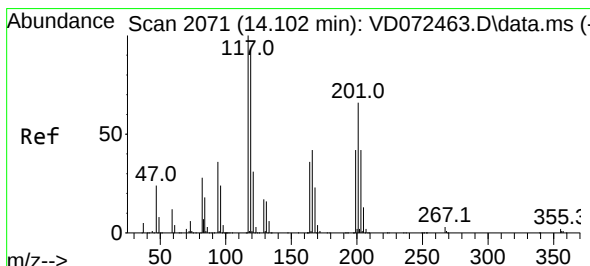
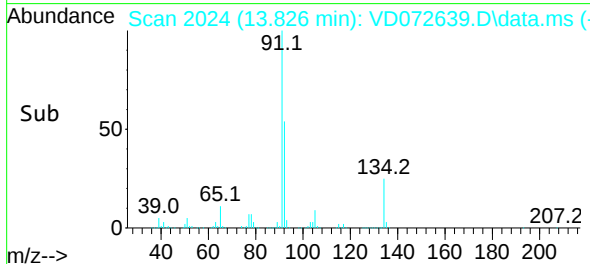
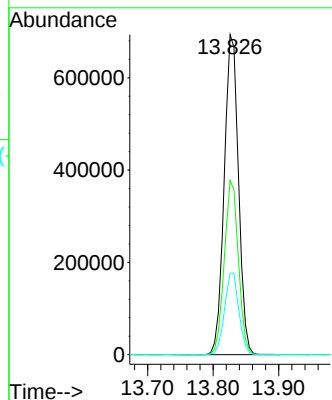
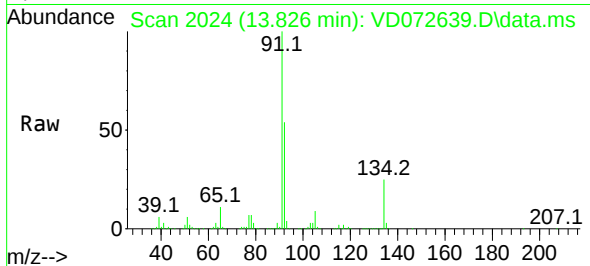




#89
n-Butylbenzene
Concen: 53.895 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

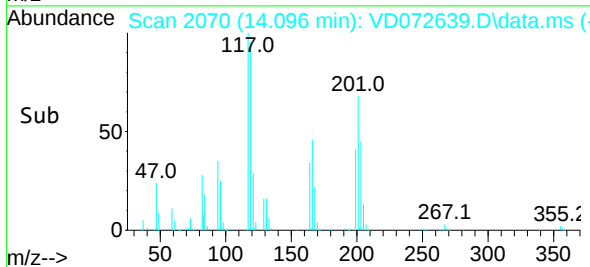
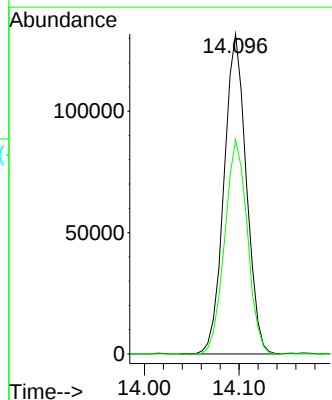
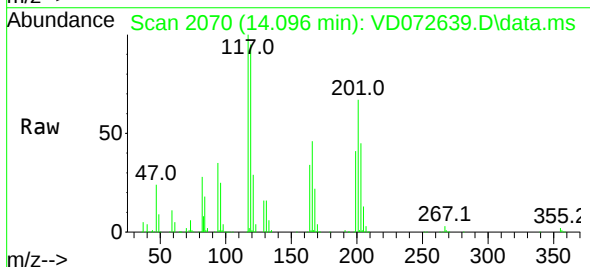
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

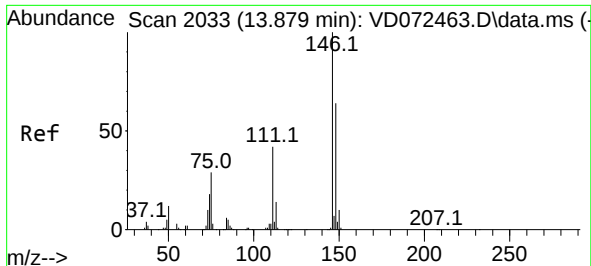
Tgt Ion: 91 Resp: 1044005
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.8
134 25.8 12.3 36.9



#90
Hexachloroethane
Concen: 51.721 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072639.D
Acq: 20 Apr 2022 11:25

Tgt Ion: 117 Resp: 215304
Ion Ratio Lower Upper
117 100
201 68.1 33.4 100.2

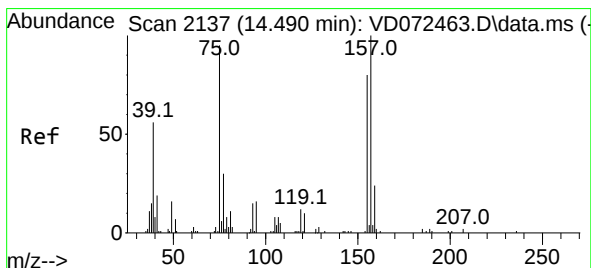
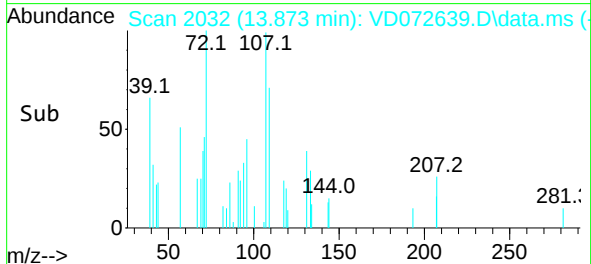
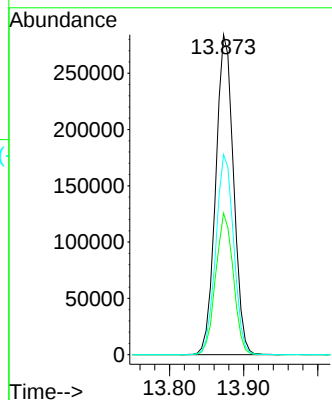
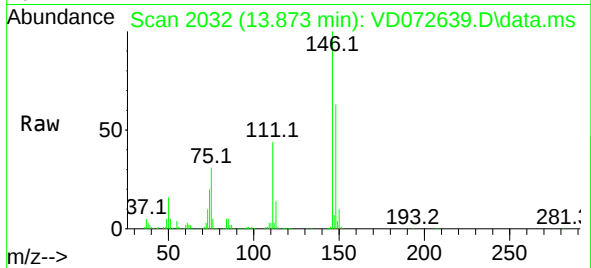




#91
 1,2-Dichlorobenzene
 Concen: 52.014 ug/l
 RT: 13.873 min Scan# 2033
 Delta R.T. -0.006 min
 Lab File: VD072639.D
 Acq: 20 Apr 2022 11:25

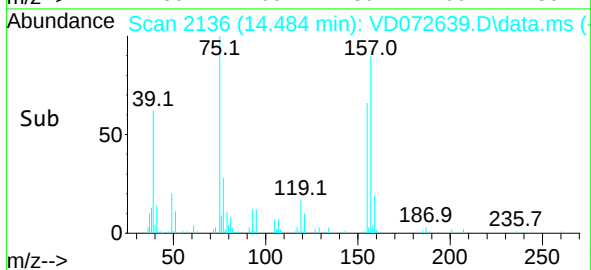
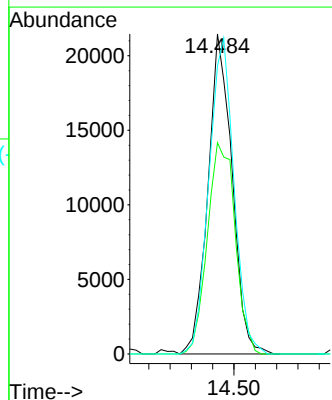
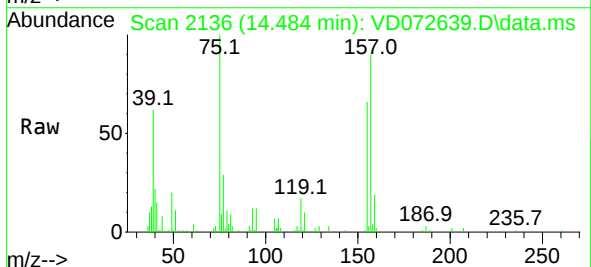
Instrument :
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 ClientSampleId :
 VSTDCCC050

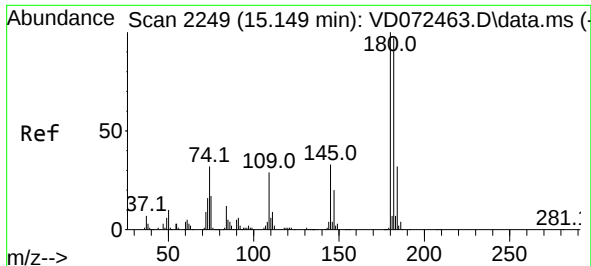
Tgt Ion:146 Resp: 474619
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.1 63.3
 148 62.8 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.164 ug/l
 RT: 14.484 min Scan# 2136
 Delta R.T. -0.006 min
 Lab File: VD072639.D
 Acq: 20 Apr 2022 11:25

Tgt Ion: 75 Resp: 33798
 Ion Ratio Lower Upper
 75 100
 155 75.9 36.8 110.3
 157 102.3 48.4 145.0

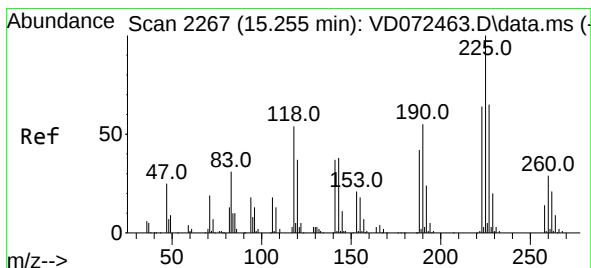
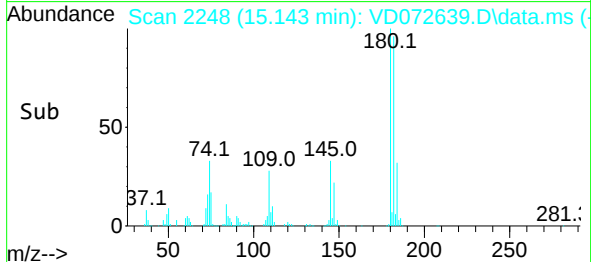
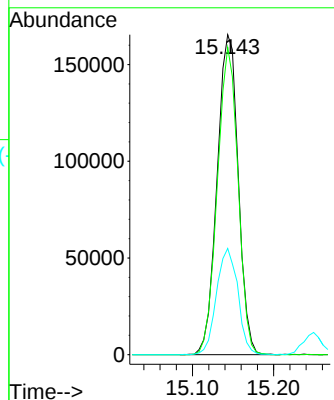
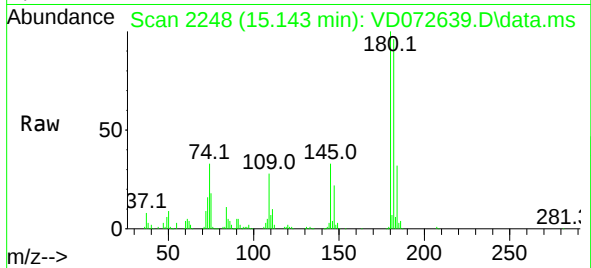




#93
 1,2,4-Trichlorobenzene
 Concen: 52.944 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD072639.D
 Acq: 20 Apr 2022 11:25

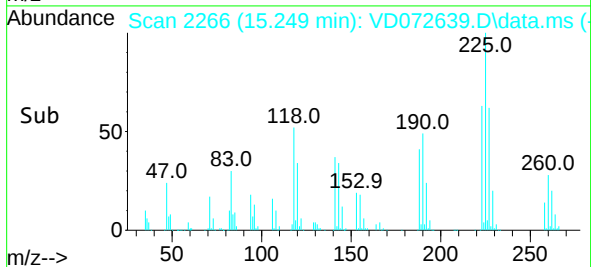
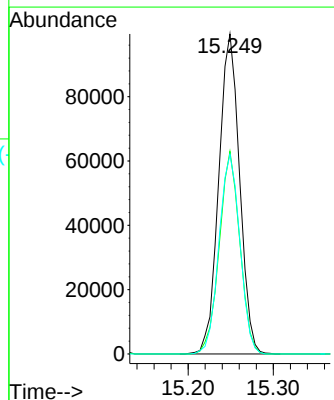
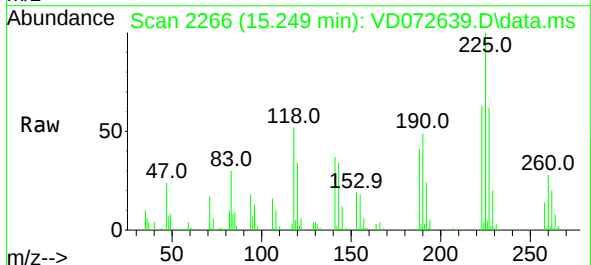
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

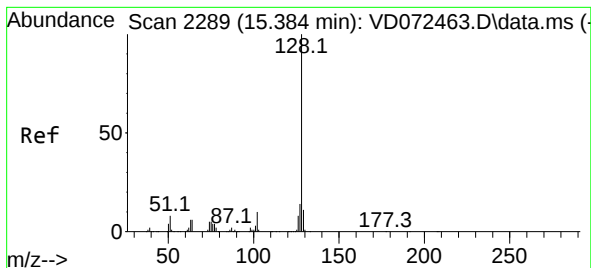
Tgt Ion:180 Resp: 299456
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.3 142.0
 145 33.6 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 53.445 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: VD072639.D
 Acq: 20 Apr 2022 11:25

Tgt Ion:225 Resp: 169323
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.2
 227 62.5 32.4 97.0





#95

Naphthalene

Concen: 49.379 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

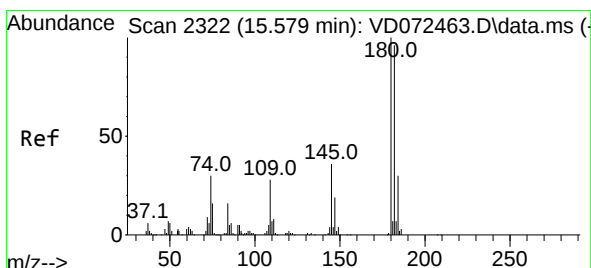
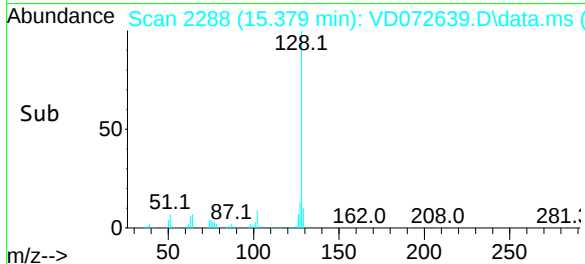
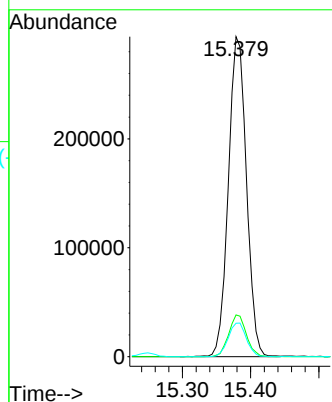
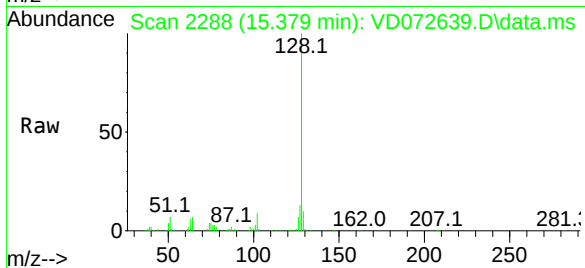
Tgt Ion:128 Resp: 542684

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 52.998 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD072639.D

Acq: 20 Apr 2022 11:25

Tgt Ion:180 Resp: 261624

Ion Ratio Lower Upper

180 100

182 93.4 47.6 142.9

145 34.7 17.1 51.3

