

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042722\
 Data File : VD072713.D
 Acq On : 27 Apr 2022 13:00
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 27 14:00:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 13:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	298353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	525548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	513908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	246481	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	87527	24.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	48.780%#
35) Dibromofluoromethane	7.914	113	78676	20.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.180%#
50) Toluene-d8	10.332	98	282824	20.760	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	41.520%#
62) 4-Bromofluorobenzene	12.620	95	104755	19.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	92589	37.162	ug/l	98
3) Chloromethane	2.209	50	102589	42.724	ug/l	94
4) Vinyl Chloride	2.350	62	91057	37.758	ug/l	98
5) Bromomethane	2.750	94	56956	32.527	ug/l	96
6) Chloroethane	2.915	64	55013	33.242	ug/l	97
7) Trichlorofluoromethane	3.273	101	145616	28.684	ug/l	98
8) Diethyl Ether	3.709	74	43011	27.945	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	84385	25.375	ug/l	97
10) Methyl Iodide	4.303	142	84793	30.762	ug/l	100
11) Tert butyl alcohol	5.197	59	20677	102.199	ug/l #	74
12) 1,1-Dichloroethene	4.067	96	77222	29.067	ug/l	89
13) Acrolein	3.920	56	39063	313.285	ug/l	100
14) Allyl chloride	4.714	41	125191	28.973	ug/l	94
15) Acrylonitrile	5.420	53	100595	131.042	ug/l	97
16) Acetone	4.150	43	77907	115.832	ug/l	97
17) Carbon Disulfide	4.414	76	261291	48.682	ug/l	98
18) Methyl Acetate	4.714	43	49127	25.433	ug/l #	90
19) Methyl tert-butyl Ether	5.467	73	194630	25.105	ug/l	95
20) Methylene Chloride	4.962	84	162434	38.863	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	91023	30.441	ug/l	92
22) Diisopropyl ether	6.361	45	287753	26.786	ug/l	94
23) Vinyl Acetate	6.309	43	795335	150.566	ug/l	98
24) 1,1-Dichloroethane	6.261	63	168961	26.341	ug/l	99
25) 2-Butanone	7.208	43	121769	129.916	ug/l	93
26) 2,2-Dichloropropane	7.203	77	132663	23.612	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	101477	25.452	ug/l	95
28) Bromochloromethane	7.544	49	57888	20.814	ug/l	86
29) Tetrahydrofuran	7.561	42	76287	133.087	ug/l	92
30) Chloroform	7.703	83	174136	24.391	ug/l	94
31) Cyclohexane	7.979	56	147221	30.940	ug/l	91
32) 1,1,1-Trichloroethane	7.903	97	144711	24.109	ug/l	98
36) 1,1-Dichloropropene	8.108	75	129518	27.668	ug/l	99
37) Ethyl Acetate	7.291	43	53895	24.630	ug/l #	93
38) Carbon Tetrachloride	8.091	117	128574	23.880	ug/l	99
39) Methylcyclohexane	9.350	83	146467	28.553	ug/l	96
40) Benzene	8.350	78	365454	26.274	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	31659	26.002	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	113868	26.442	ug/l	97
43) Isopropyl Acetate	8.444	43	109227	26.178	ug/l	96
44) Trichloroethene	9.108	130	96923	24.895	ug/l	94
45) 1,2-Dichloropropane	9.385	63	93566	24.123	ug/l	94
46) Dibromomethane	9.467	93	52933	25.750	ug/l	97
47) Bromodichloromethane	9.655	83	137254	23.543	ug/l	96
48) Methyl methacrylate	9.450	41	54096	26.352	ug/l	95
49) 1,4-Dioxane	9.455	88	11506	468.541	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	285595	128.219	ug/l	98
52) Toluene	10.397	92	224718	24.508	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	124808	24.542	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	148247	24.647	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	71659	23.365	ug/l	97
56) Ethyl methacrylate	10.655	69	82538	23.701	ug/l	92
57) 1,3-Dichloropropane	10.938	76	123403	24.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	179003	112.355	ug/l	98
59) 2-Hexanone	10.973	43	187457	123.791	ug/l	99
60) Dibromochloromethane	11.132	129	86794	22.048	ug/l	99
61) 1,2-Dibromoethane	11.238	107	67497	24.420	ug/l	97
64) Tetrachloroethene	10.867	164	76090	23.462	ug/l	96
65) Chlorobenzene	11.661	112	242628	21.941	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	90977	20.670	ug/l	97
67) Ethyl Benzene	11.738	91	421421	21.883	ug/l	98
68) m/p-Xylenes	11.844	106	333633	45.561	ug/l	99
69) o-Xylene	12.173	106	153091	21.656	ug/l	98
70) Styrene	12.185	104	267872	21.591	ug/l	98
71) Bromoform	12.349	173	48851	20.780	ug/l #	96
73) Isopropylbenzene	12.467	105	391725	20.546	ug/l	100
74) N-amyl acetate	12.279	43	97962	23.303	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	80759	21.656	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	100493	37.311	ug/l #	100
77) Bromobenzene	12.749	156	95353	21.961	ug/l	95
78) n-propylbenzene	12.808	91	497842	21.509	ug/l	100
79) 2-Chlorotoluene	12.896	91	294785	21.744	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	337912	20.606	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	24589	22.676	ug/l	90
82) 4-Chlorotoluene	12.991	91	302274	21.287	ug/l	99
83) tert-Butylbenzene	13.214	119	282830	20.052	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	344653	21.402	ug/l	100
85) sec-Butylbenzene	13.390	105	422071	19.946	ug/l	100
86) p-Isopropyltoluene	13.502	119	350036	20.163	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	182706	20.410	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	187840	20.827	ug/l	99
89) n-Butylbenzene	13.826	91	338912	20.472	ug/l	99
90) Hexachloroethane	14.096	117	69213	19.411	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	166995	21.199	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13037	23.480	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	94882	19.574	ug/l	99
94) Hexachlorobutadiene	15.249	225	51274	19.074	ug/l	98
95) Naphthalene	15.384	128	173051	18.264	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	85208	20.100	ug/l	99

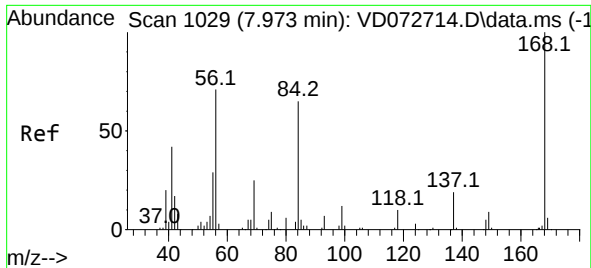
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Response via : Initial Calibration

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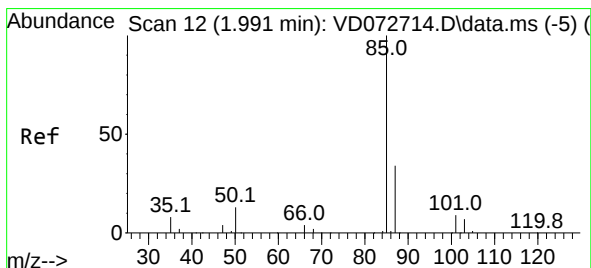
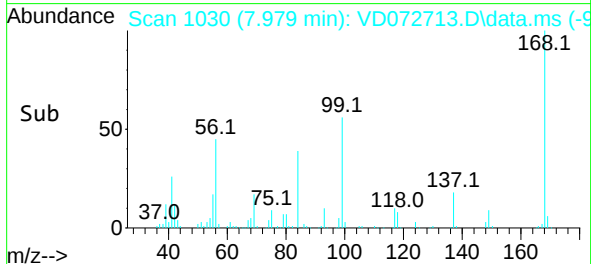
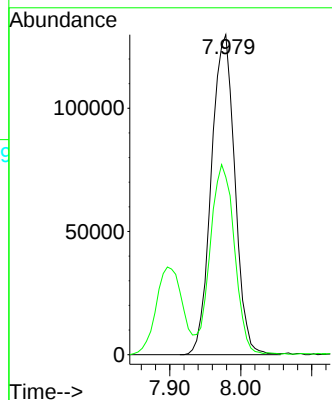
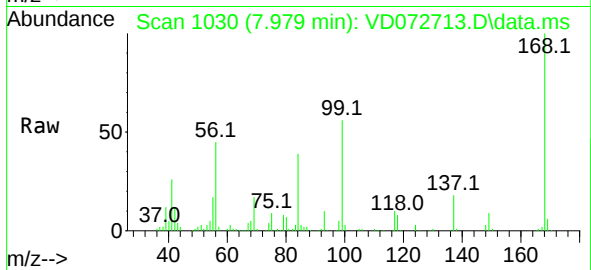
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

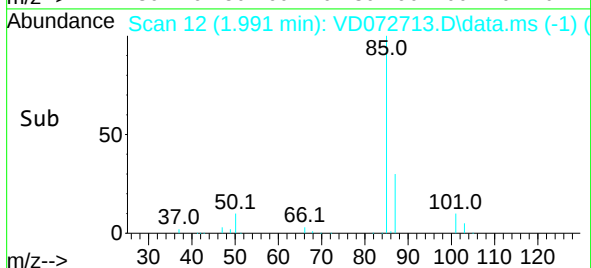
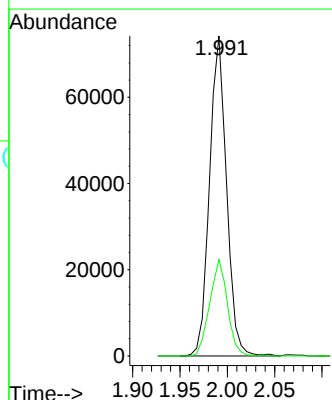
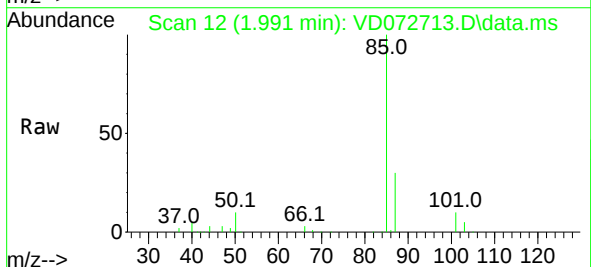
Instrument :
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ClientSampleId :
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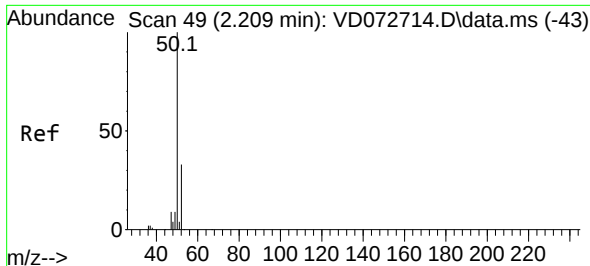
Tgt Ion:168 Resp: 298353
Ion Ratio Lower Upper
168 100
99 55.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 37.162 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 85 Resp: 92589
Ion Ratio Lower Upper
85 100
87 30.1 15.7 47.0

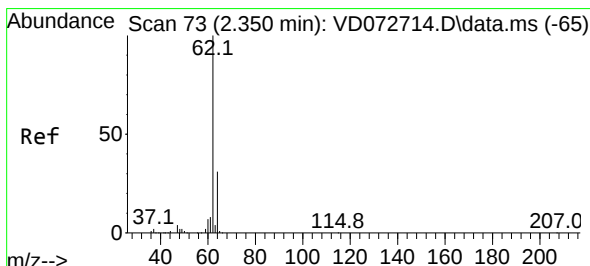
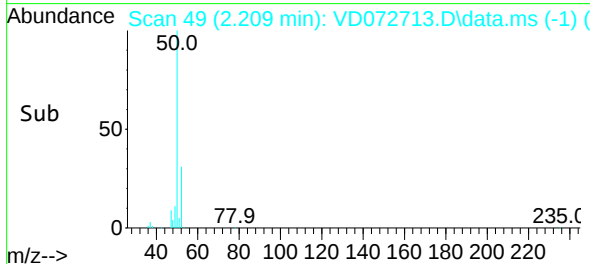
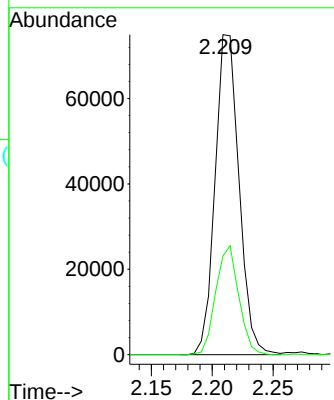
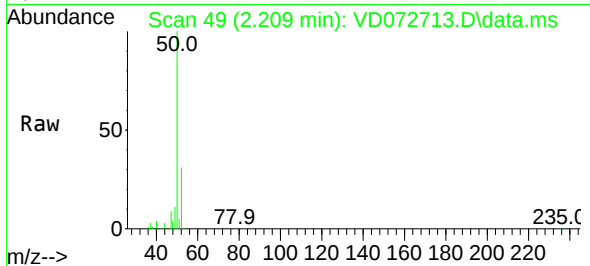




#3
Chloromethane
Concen: 42.724 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

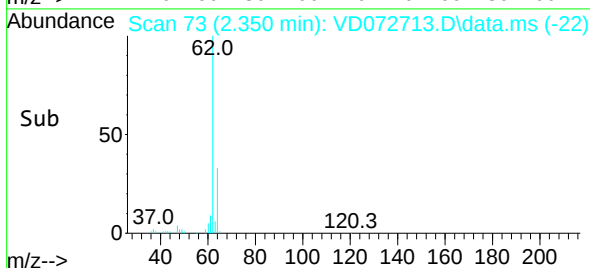
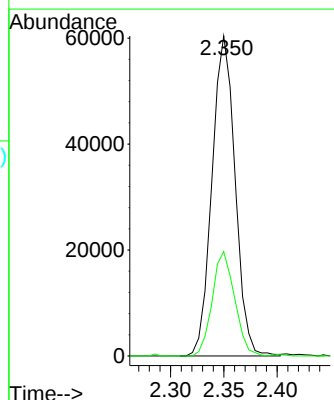
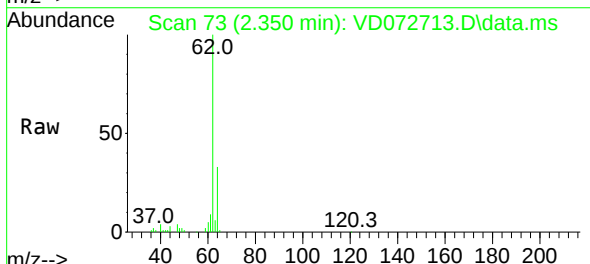
Instrument :
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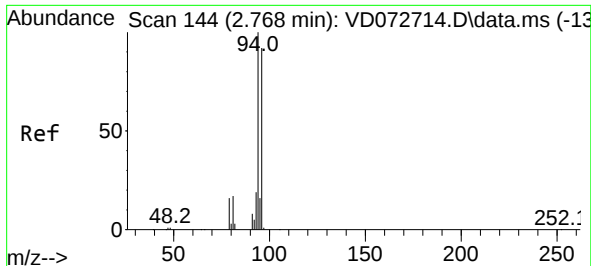
Tgt Ion: 50 Resp: 102589
Ion Ratio Lower Upper
50 100
52 30.8 27.4 41.0



#4
Vinyl Chloride
Concen: 37.758 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 62 Resp: 91057
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0

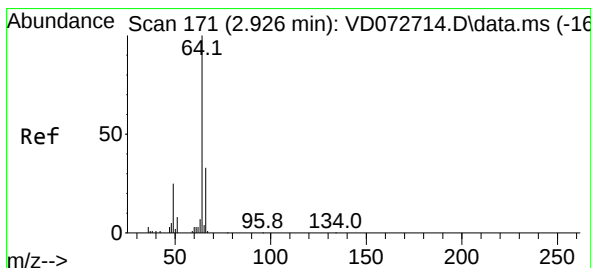
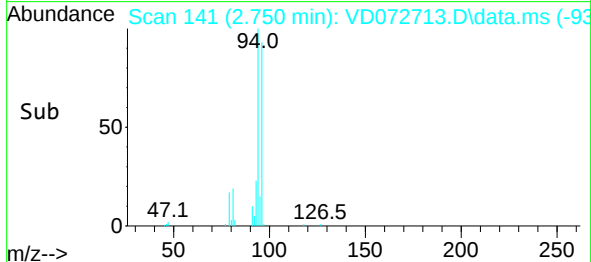
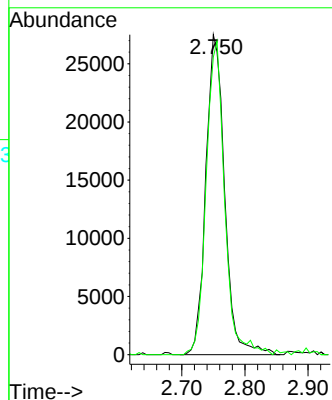
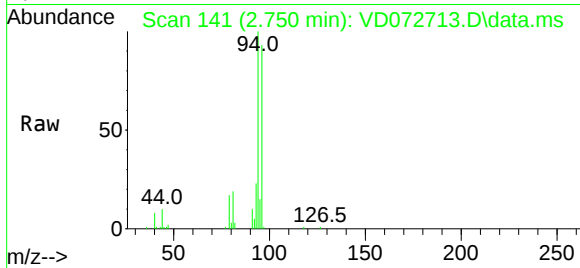




#5
Bromomethane
Concen: 32.527 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

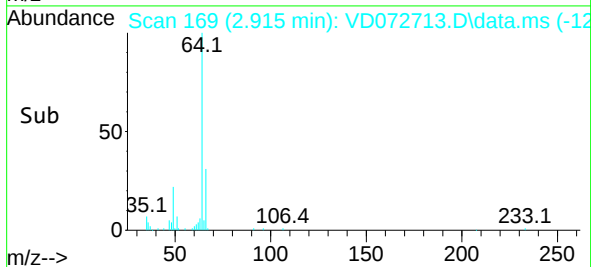
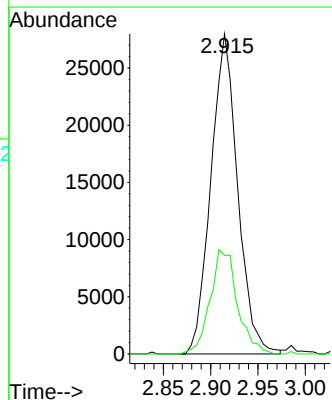
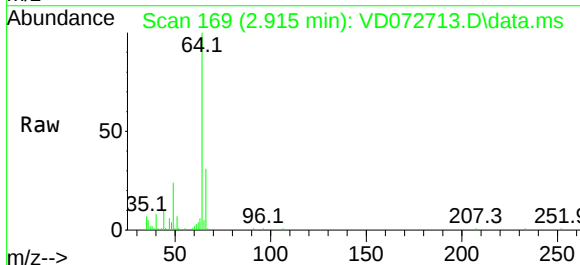
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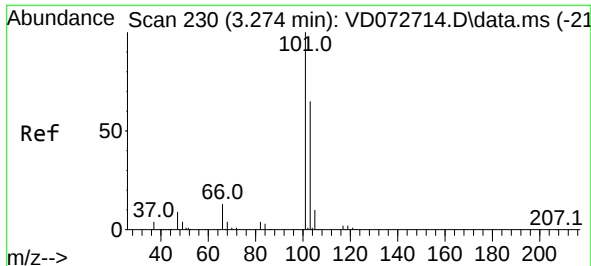
Tgt Ion: 94 Resp: 56956
Ion Ratio Lower Upper
94 100
96 93.0 77.6 116.4



#6
Chloroethane
Concen: 33.242 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.012 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 64 Resp: 55013
Ion Ratio Lower Upper
64 100
66 30.8 25.9 38.9

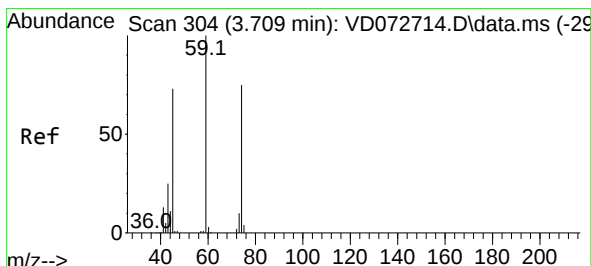
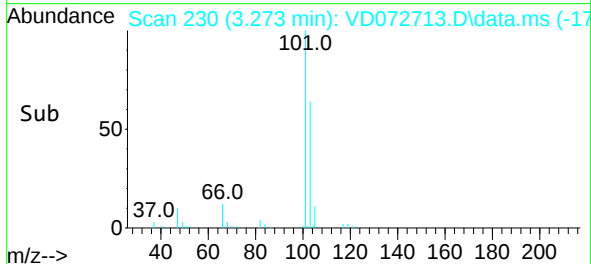
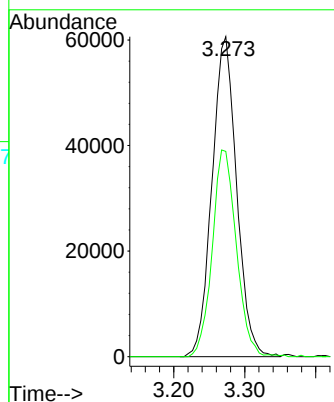
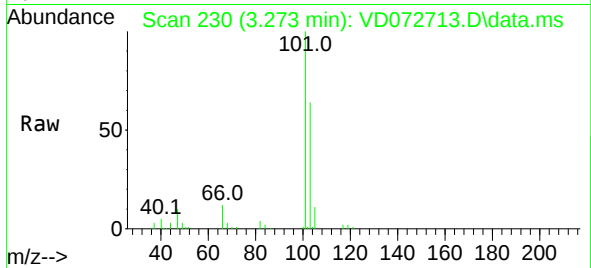




#7
 Trichlorofluoromethane
 Concen: 28.684 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD072713.D
 Acq: 27 Apr 2022 13:00

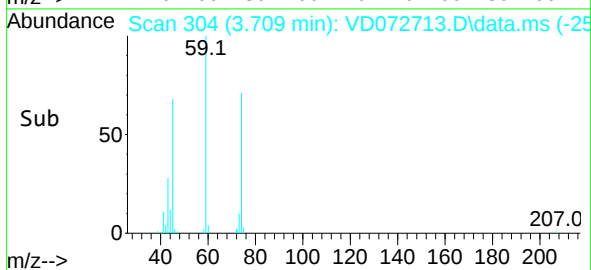
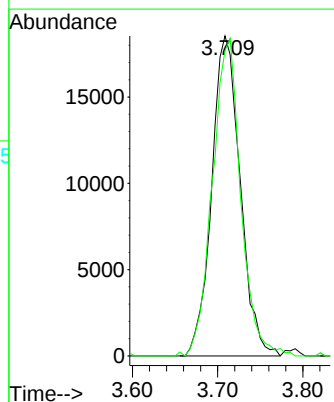
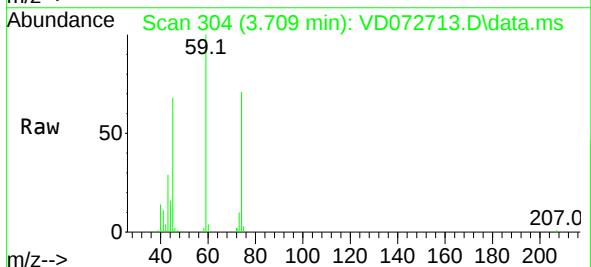
Instrument :
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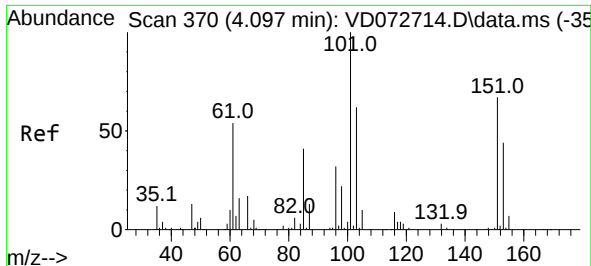
Tgt Ion:101 Resp: 145616
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 27.945 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD072713.D
 Acq: 27 Apr 2022 13:00

Tgt Ion: 74 Resp: 43011
 Ion Ratio Lower Upper
 74 100
 45 99.3 52.6 157.8

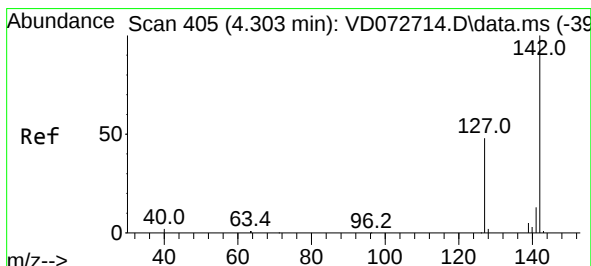
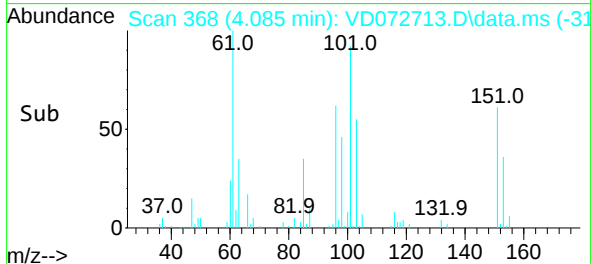
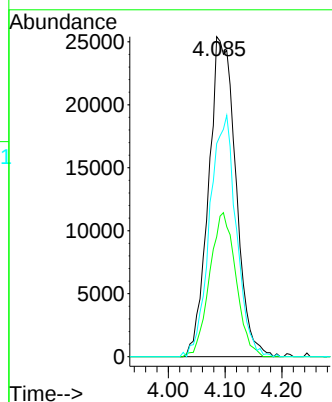
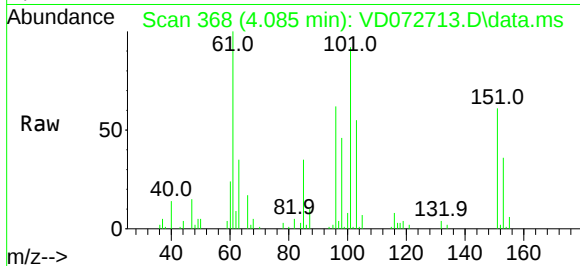




#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.375 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

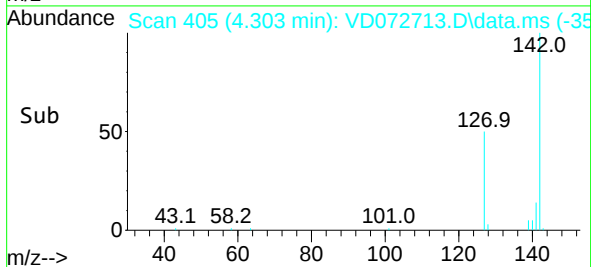
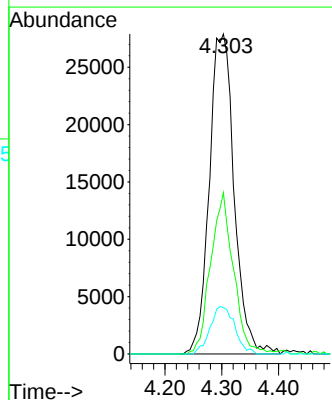
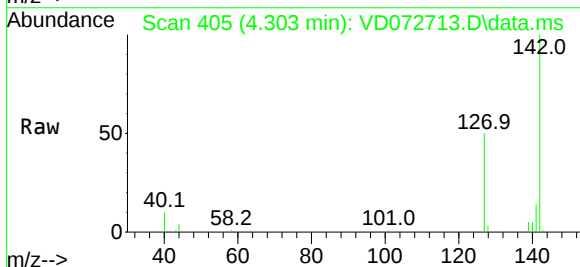
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

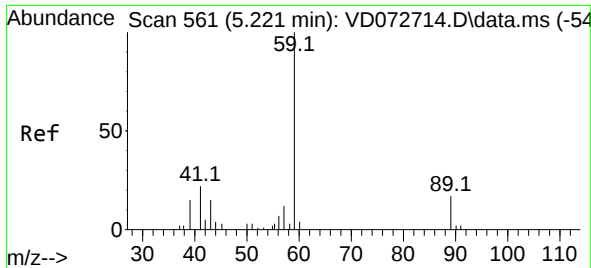
Tgt Ion:101 Resp: 84385
Ion Ratio Lower Upper
101 100
85 43.5 36.4 54.6
151 73.6 57.3 85.9



#10
Methyl Iodide
Concen: 30.762 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion:142 Resp: 84793
Ion Ratio Lower Upper
142 100
127 46.2 37.3 55.9
141 14.7 11.7 17.5

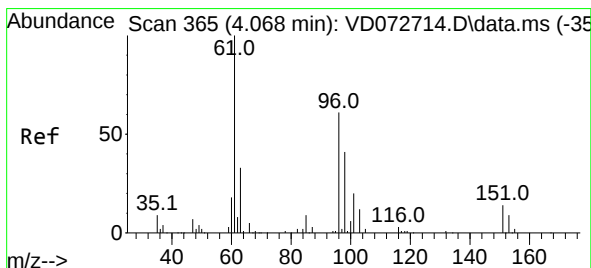
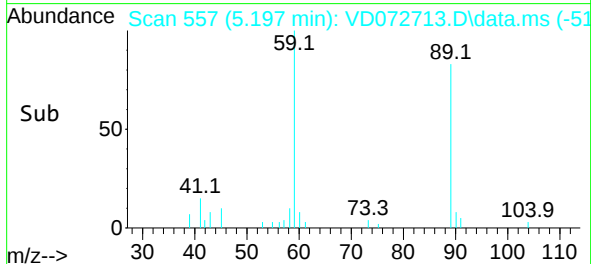
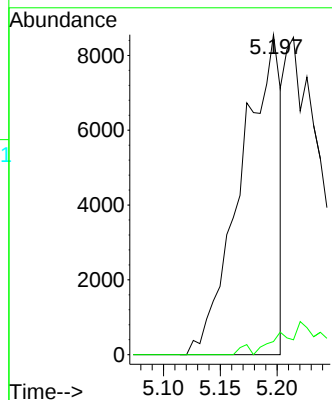
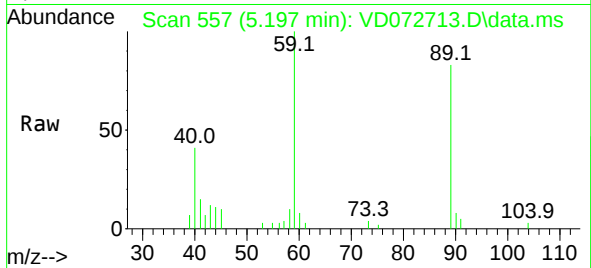




#11
Tert butyl alcohol
Concen: 102.199 ug/l
RT: 5.197 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

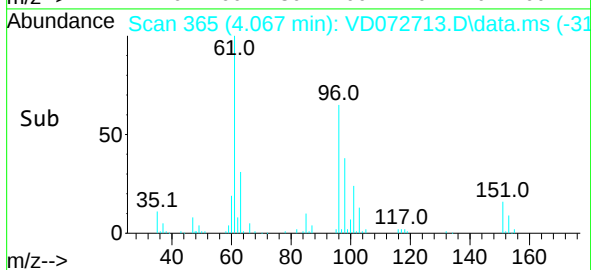
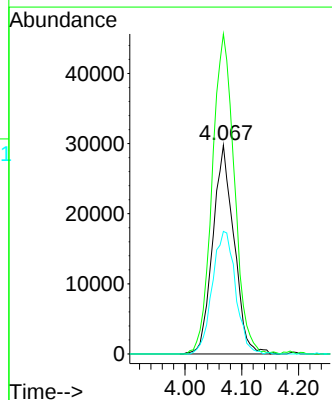
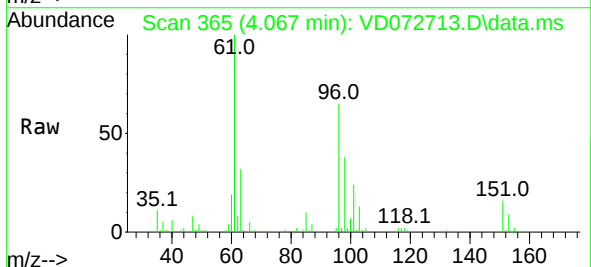
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

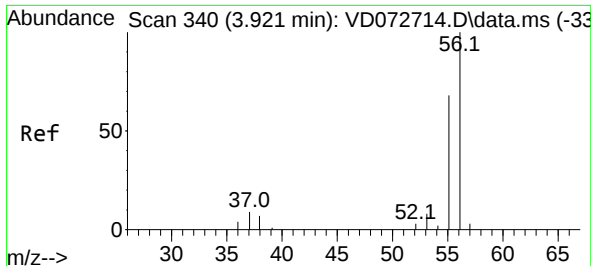
Tgt Ion: 59 Resp: 20677
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 29.067 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 96 Resp: 77222
Ion Ratio Lower Upper
96 100
61 153.2 138.5 207.7
98 58.7 48.6 73.0

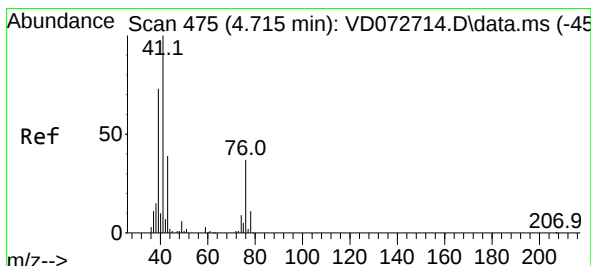
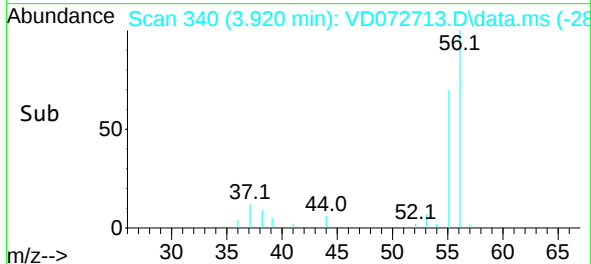
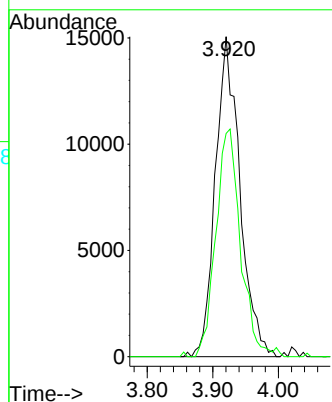
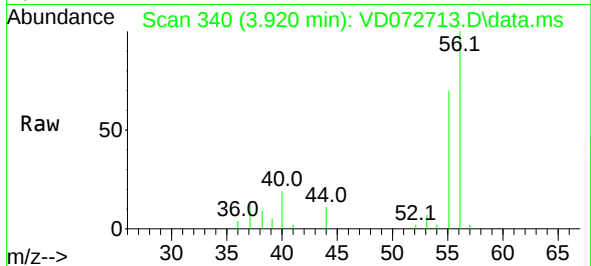




#13
Acrolein
Concen: 313.285 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

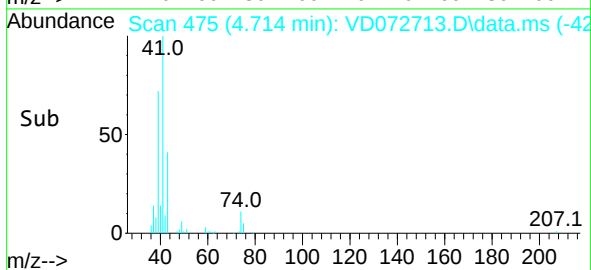
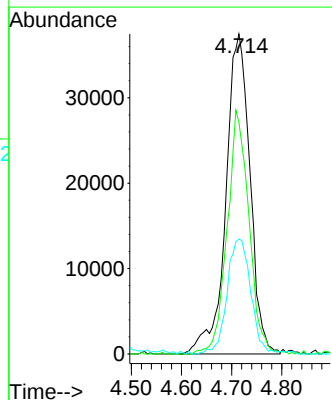
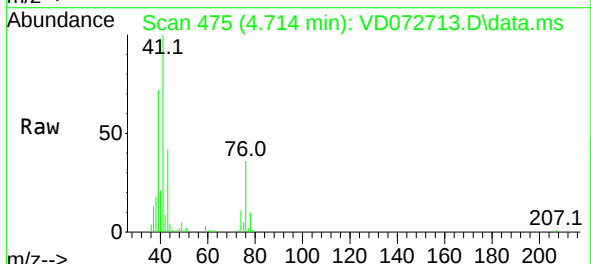
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

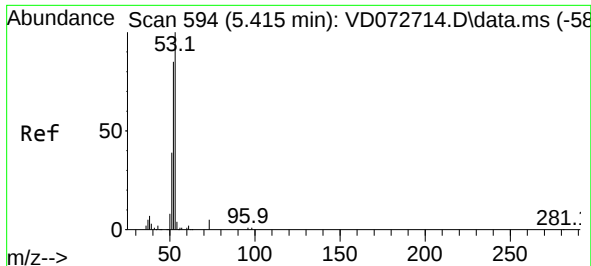
Tgt Ion: 56 Resp: 39063
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7



#14
Allyl chloride
Concen: 28.973 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 41 Resp: 125191
Ion Ratio Lower Upper
41 100
39 69.0 59.3 88.9
76 35.1 25.7 38.5

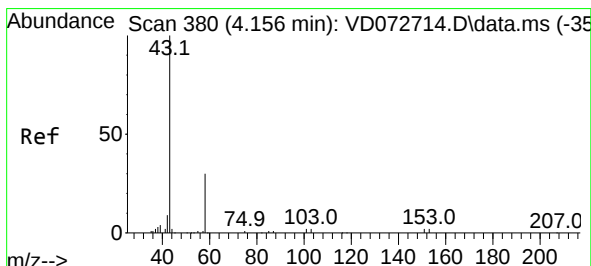
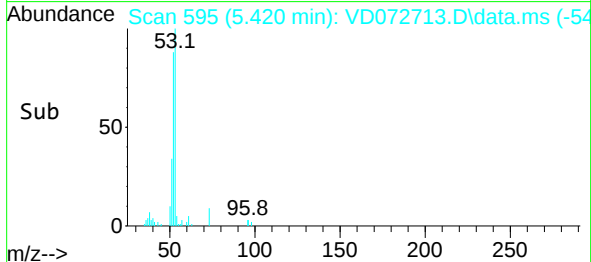
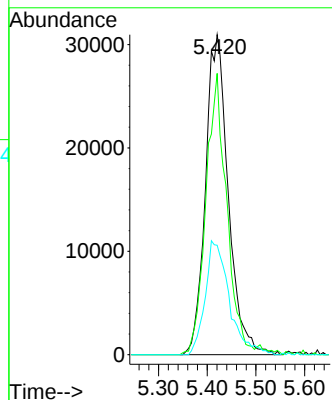
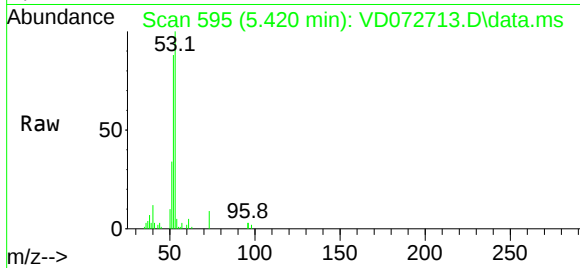




#15
Acrylonitrile
Concen: 131.042 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

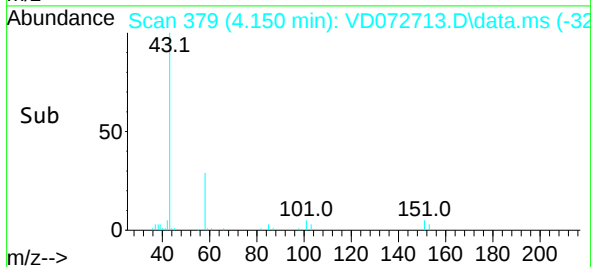
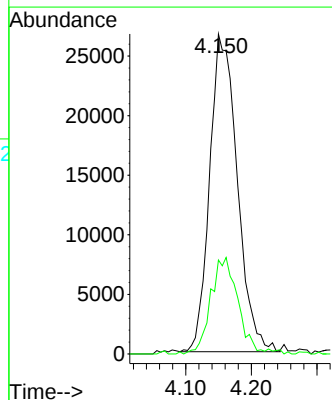
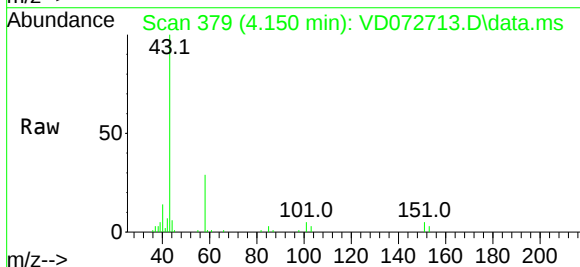
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

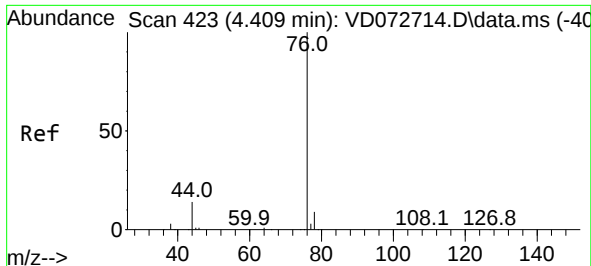
Tgt Ion: 53 Resp: 100595
Ion Ratio Lower Upper
53 100
52 80.4 67.2 100.8
51 37.7 30.3 45.5



#16
Acetone
Concen: 115.832 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 43 Resp: 77907
Ion Ratio Lower Upper
43 100
58 28.9 22.1 33.1

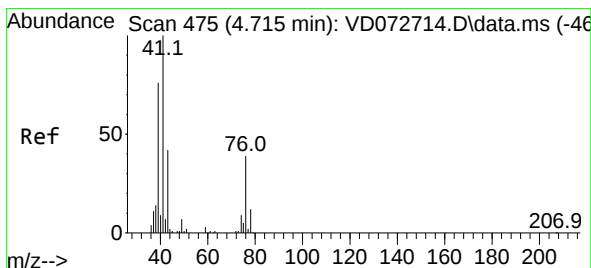
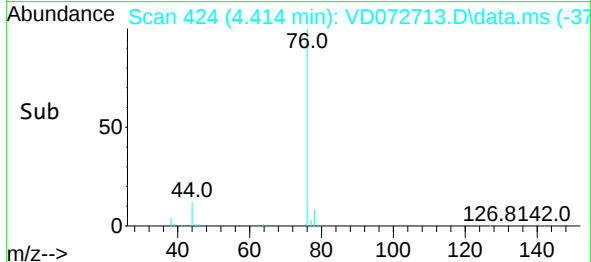
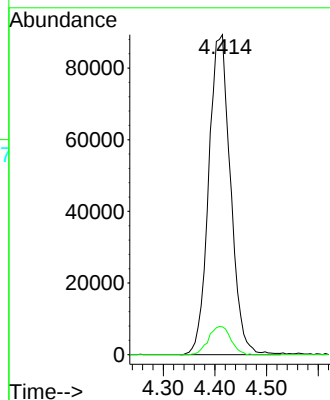
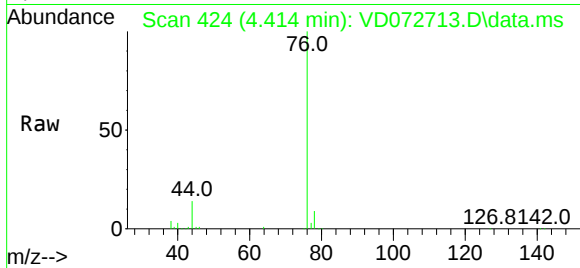




#17
Carbon Disulfide
Concen: 48.682 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

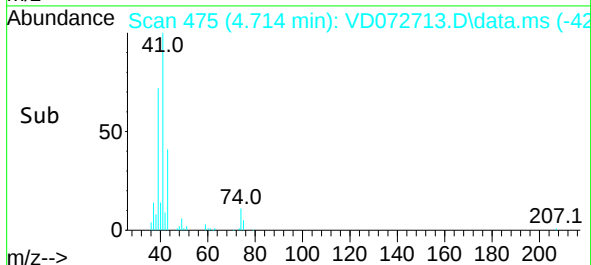
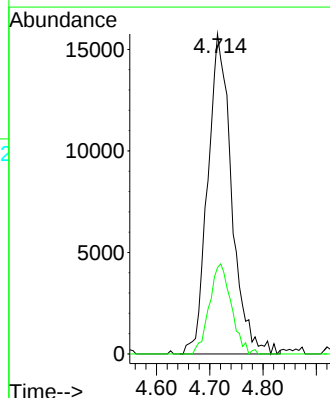
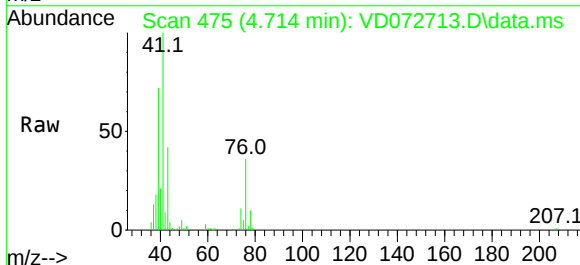
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

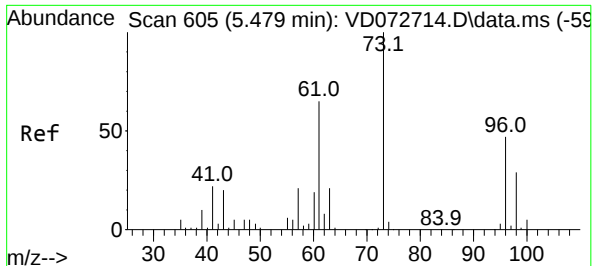
Tgt Ion: 76 Resp: 261291
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 25.433 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 43 Resp: 49127
Ion Ratio Lower Upper
43 100
74 25.7 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 25.105 ug/l

RT: 5.467 min Scan# 605

Delta R.T. -0.012 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

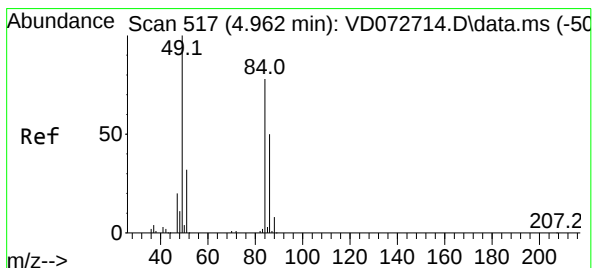
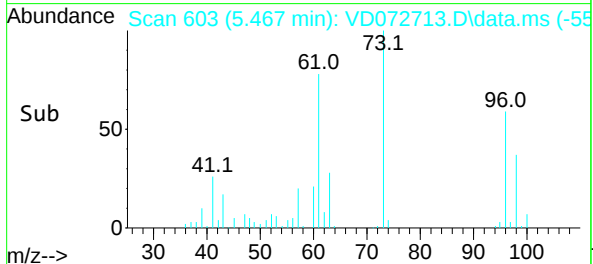
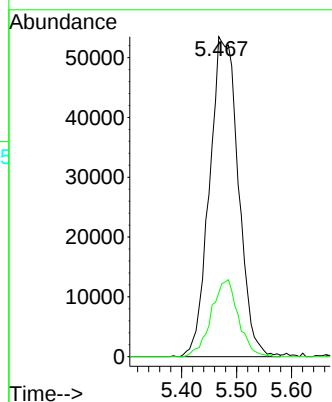
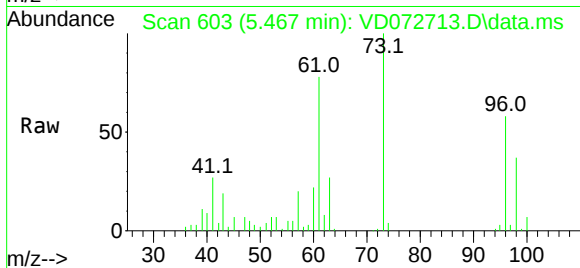
VSTDIC020

Tgt Ion: 73 Resp: 194630

Ion Ratio Lower Upper

73 100

57 19.9 18.0 27.0



#20

Methylene Chloride

Concen: 38.863 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Tgt Ion: 84 Resp: 162434

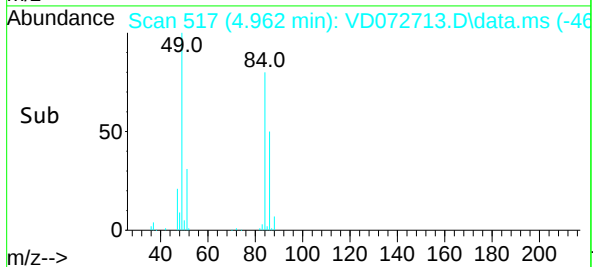
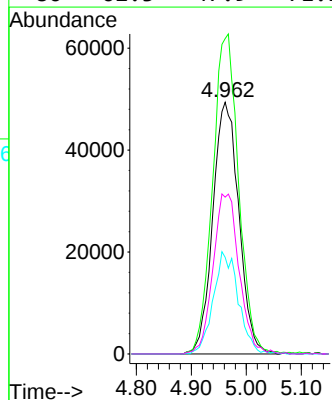
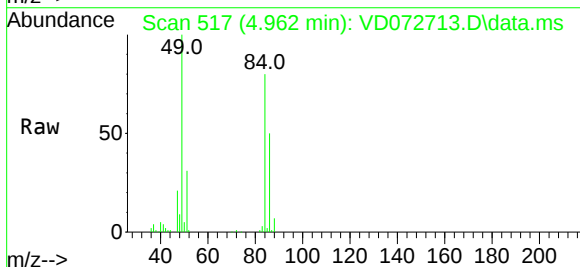
Ion Ratio Lower Upper

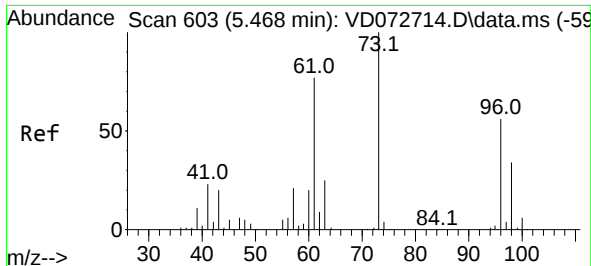
84 100

49 125.2 112.8 169.2

51 38.4 32.6 48.8

86 62.3 47.9 71.9

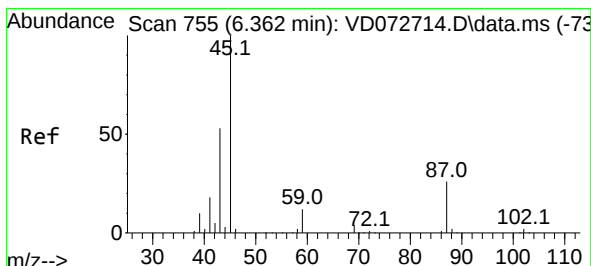
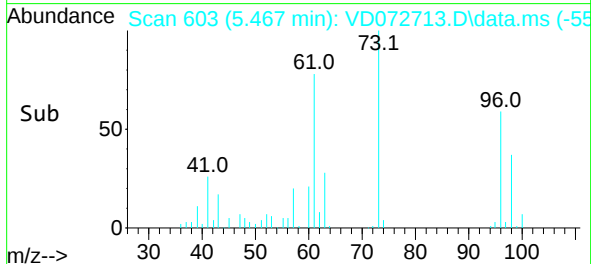
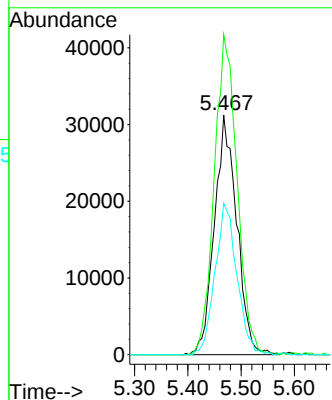
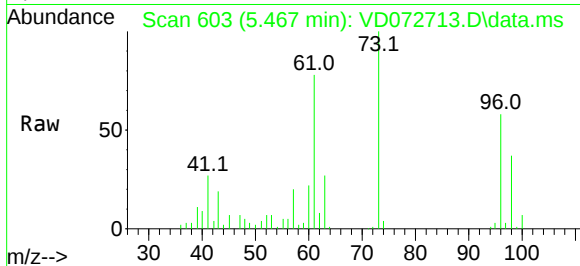




#21
trans-1,2-Dichloroethene
Concen: 30.441 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

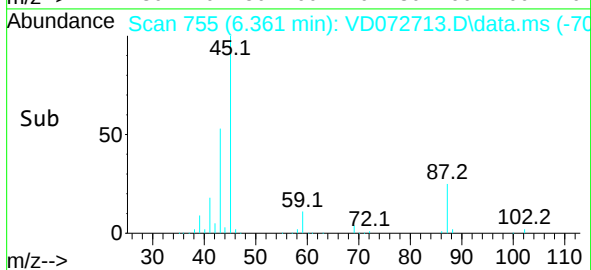
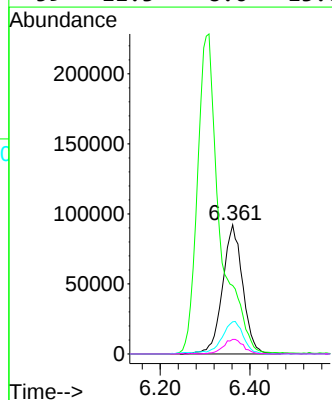
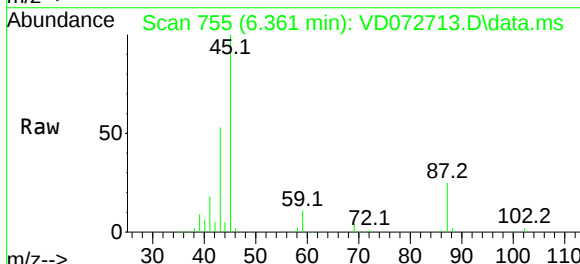
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

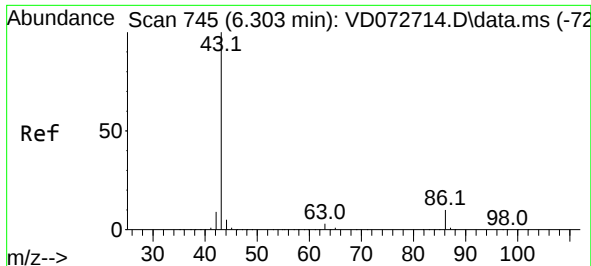
Tgt Ion: 96 Resp: 91023
Ion Ratio Lower Upper
96 100
61 133.5 117.9 176.9
98 63.2 49.4 74.2



#22
Diisopropyl ether
Concen: 26.786 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 45 Resp: 287753
Ion Ratio Lower Upper
45 100
43 52.1 46.6 70.0
87 24.9 18.4 27.6
59 11.3 8.6 13.0

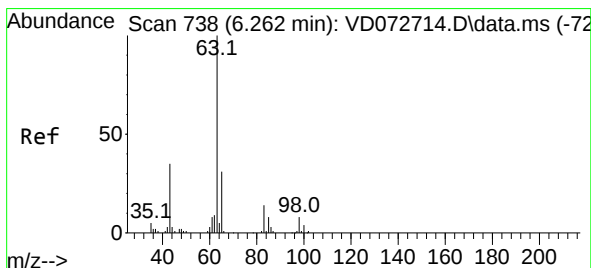
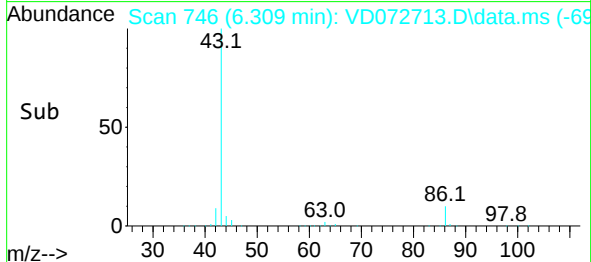
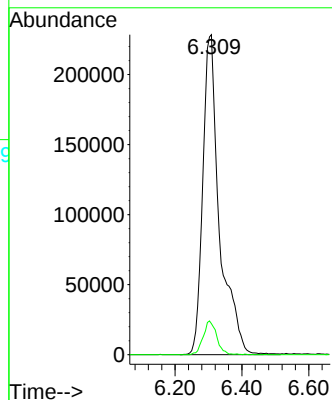
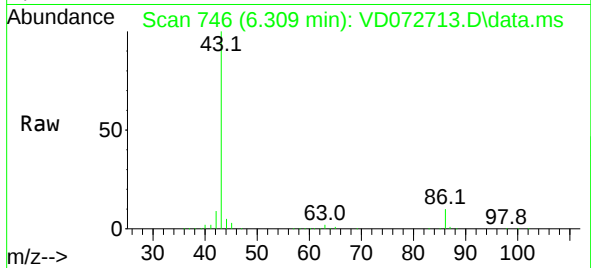




#23
 Vinyl Acetate
 Concen: 150.566 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD072713.D
 Acq: 27 Apr 2022 13:00

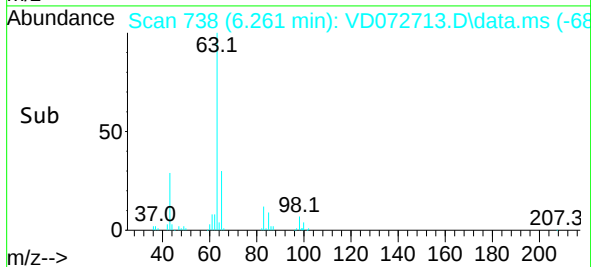
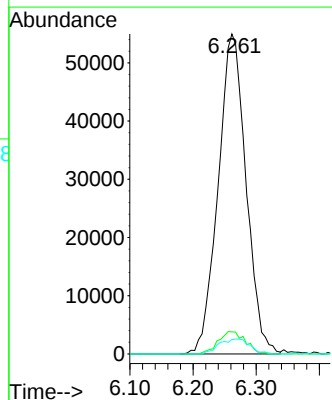
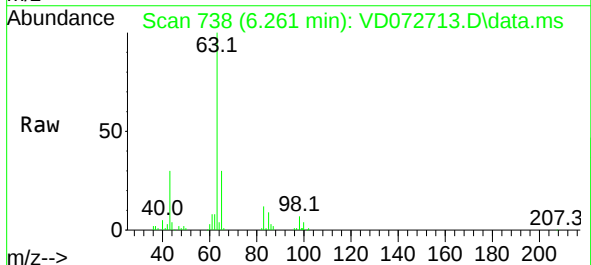
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

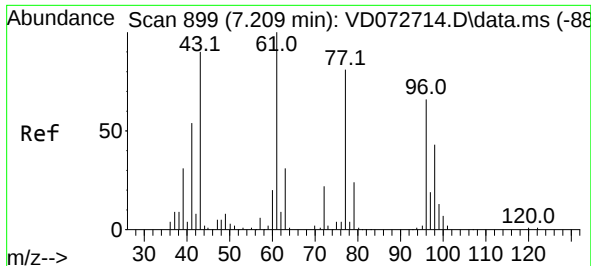
Tgt Ion: 43 Resp: 795335
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 26.341 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072713.D
 Acq: 27 Apr 2022 13:00

Tgt Ion: 63 Resp: 168961
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.5 2.1 6.5

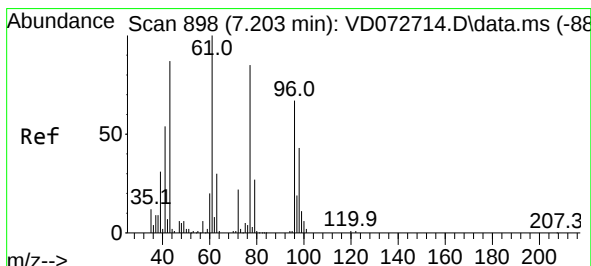
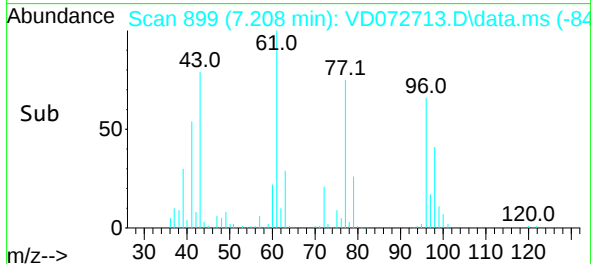
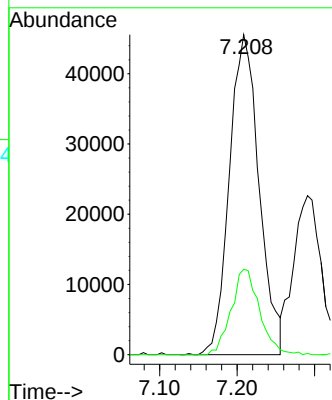
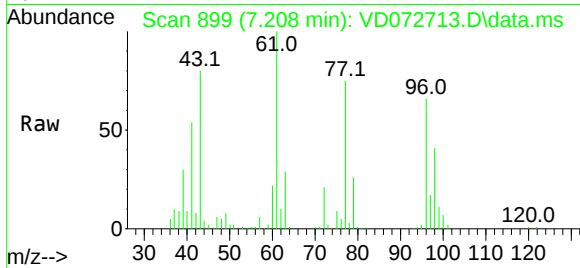




#25
2-Butanone
Concen: 129.916 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

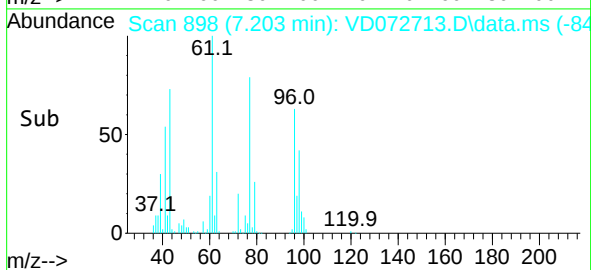
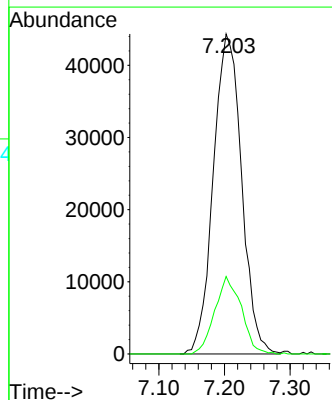
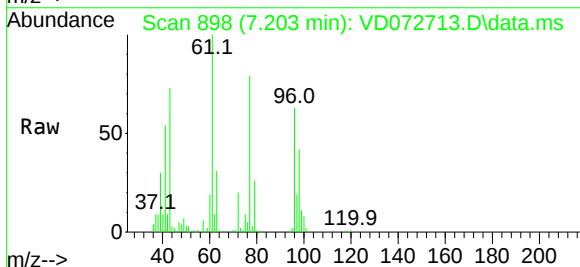
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

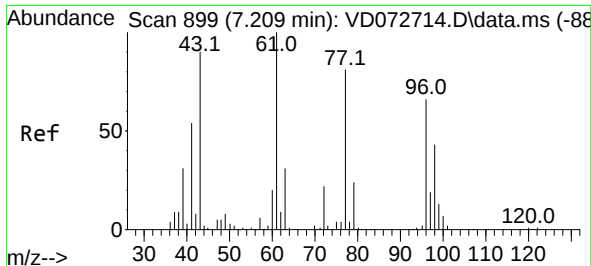
Tgt Ion: 43 Resp: 121769
Ion Ratio Lower Upper
43 100
72 26.7 18.6 27.8



#26
2,2-Dichloropropane
Concen: 23.612 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 77 Resp: 132663
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 25.452 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

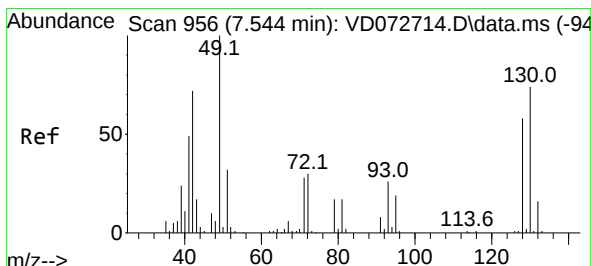
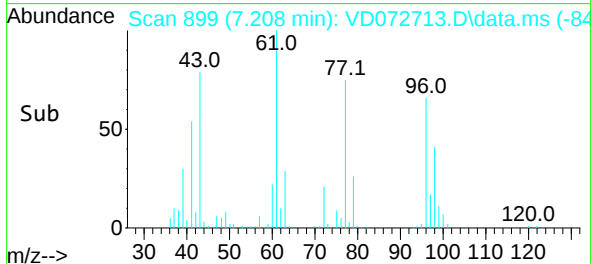
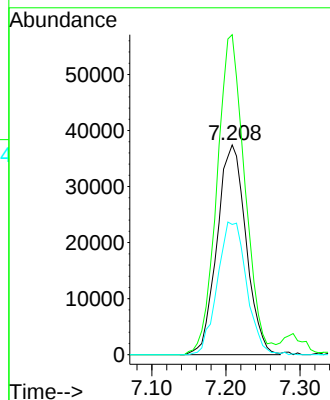
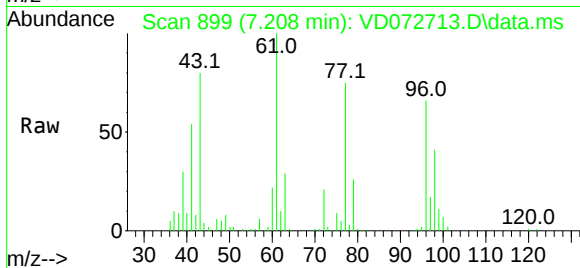
Tgt Ion: 96 Resp: 101477

Ion Ratio Lower Upper

96 100

61 147.6 0.0 313.8

98 63.8 0.0 128.8



#28

Bromochloromethane

Concen: 20.814 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

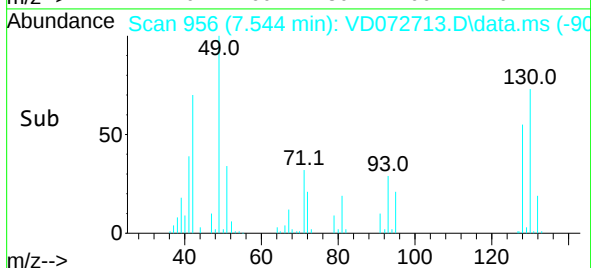
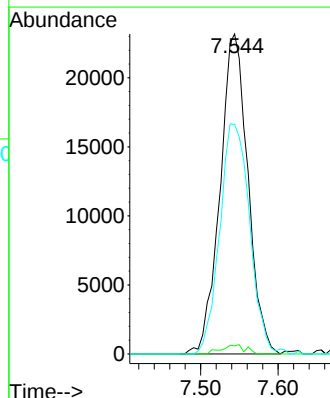
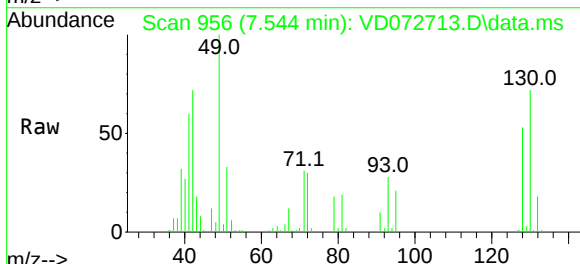
Tgt Ion: 49 Resp: 57888

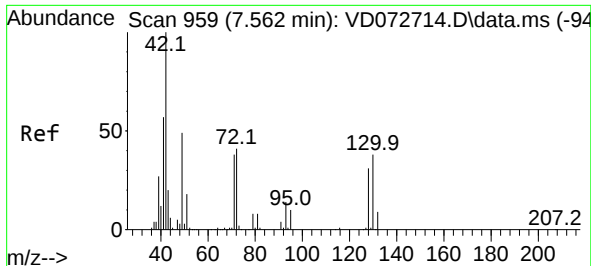
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.0

130 77.5 52.6 79.0





#29

Tetrahydrofuran

Concen: 133.087 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

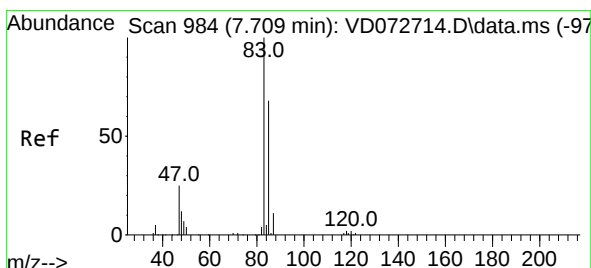
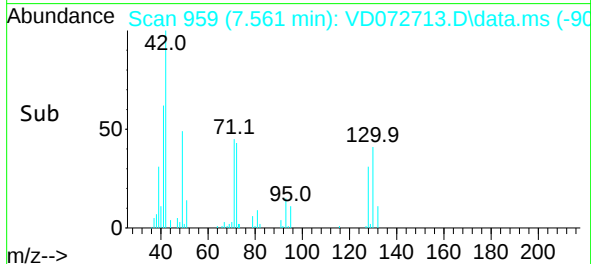
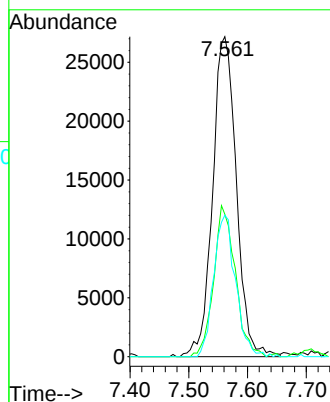
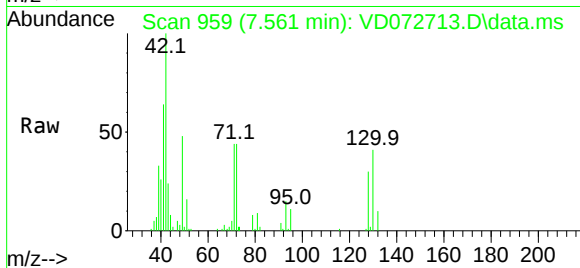
Tgt Ion: 42 Resp: 76287

Ion Ratio Lower Upper

42 100

72 43.0 30.7 46.1

71 40.9 28.6 43.0



#30

Chloroform

Concen: 24.391 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD072713.D

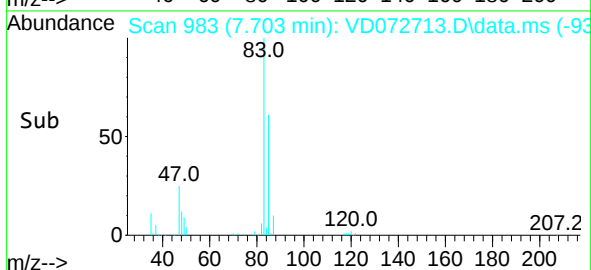
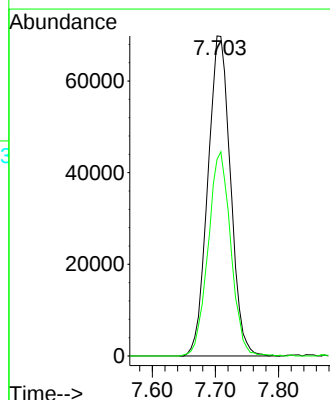
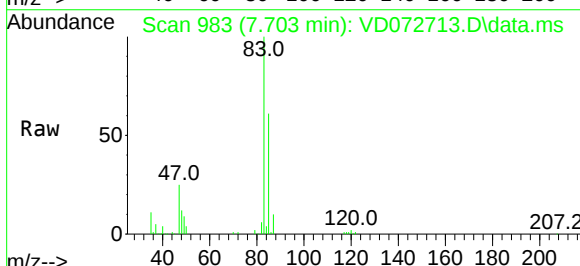
Acq: 27 Apr 2022 13:00

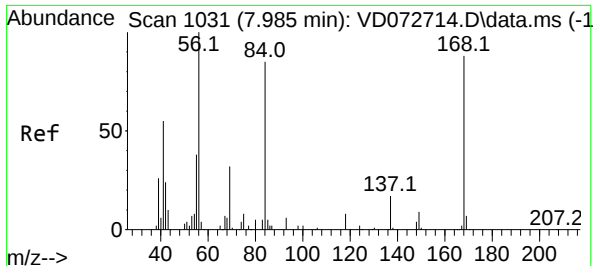
Tgt Ion: 83 Resp: 174136

Ion Ratio Lower Upper

83 100

85 61.4 52.7 79.1





#31

Cyclohexane

Concen: 30.940 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

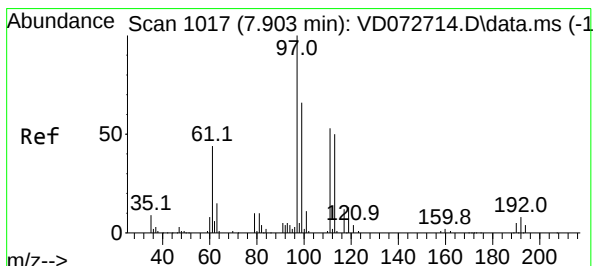
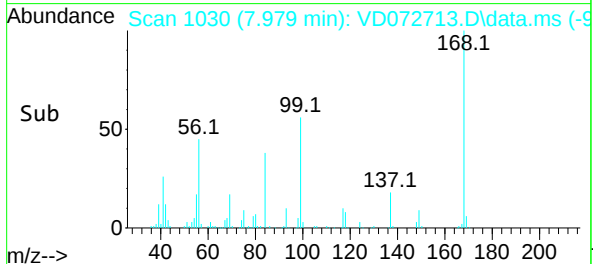
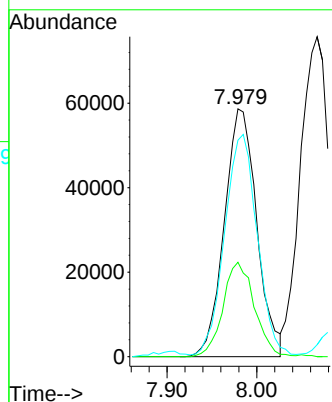
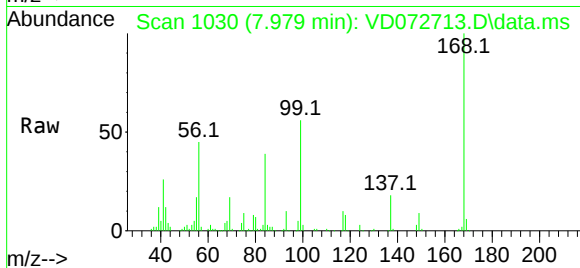
Tgt Ion: 56 Resp: 147221

Ion Ratio Lower Upper

56 100

69 38.1 25.4 38.2

84 86.2 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 24.109 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

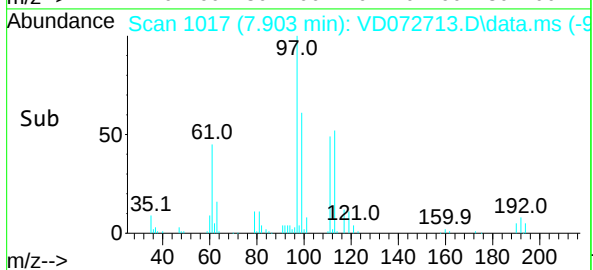
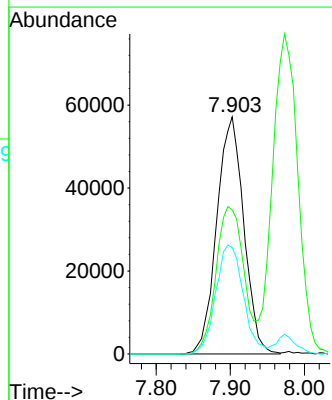
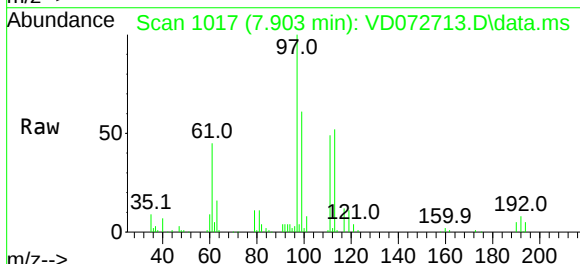
Tgt Ion: 97 Resp: 144711

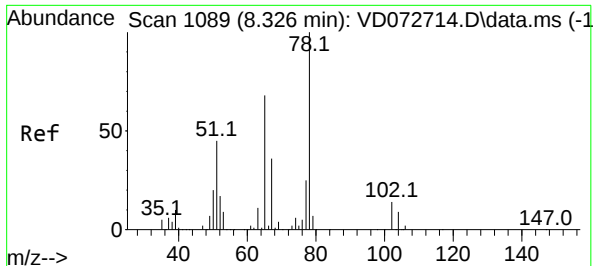
Ion Ratio Lower Upper

97 100

99 63.6 52.4 78.6

61 47.0 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 24.390 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

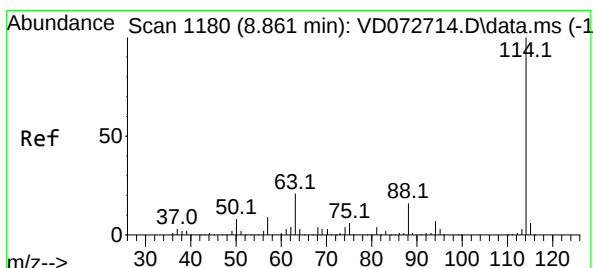
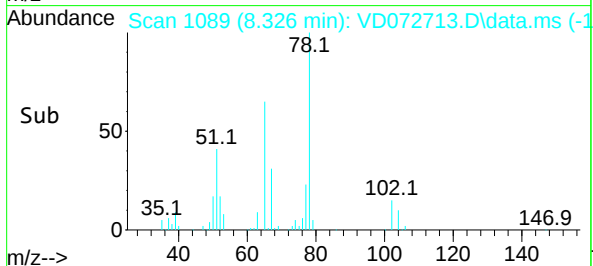
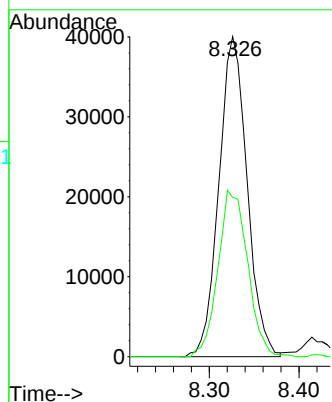
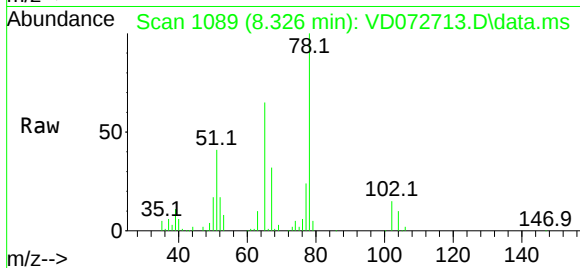
VSTDIC020

Tgt Ion: 65 Resp: 87527

Ion Ratio Lower Upper

65 100

67 54.6 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: VD072713.D

Acq: 27 Apr 2022 13:00

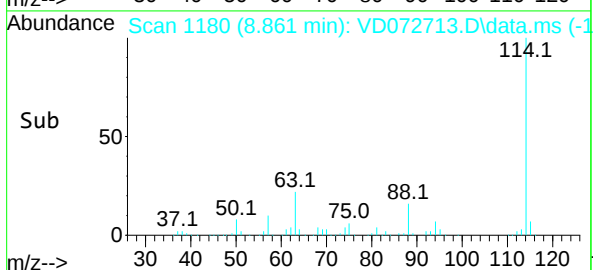
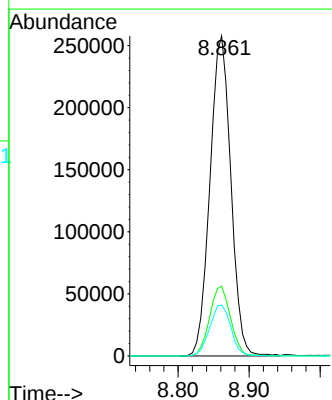
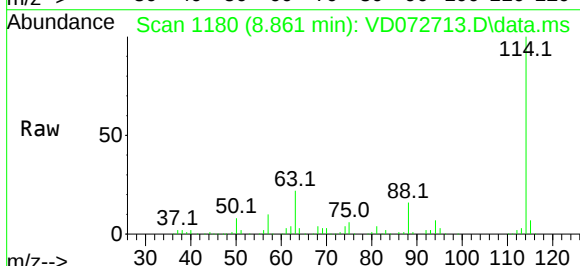
Tgt Ion: 114 Resp: 525548

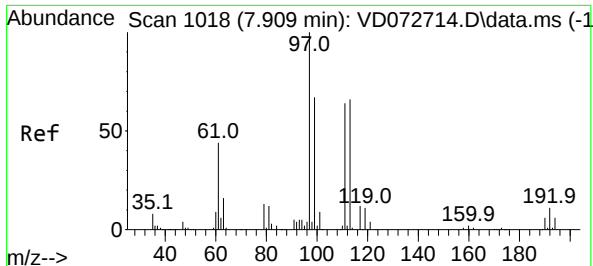
Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 20.093 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

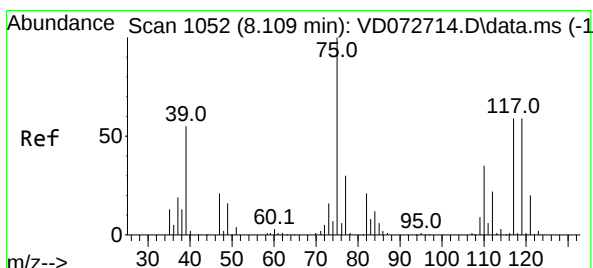
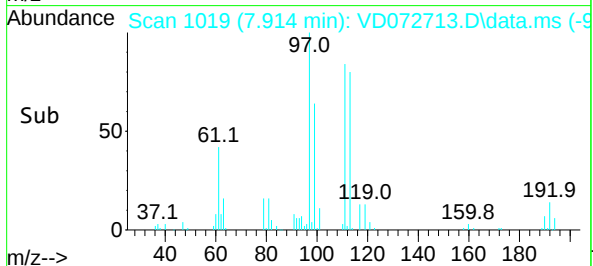
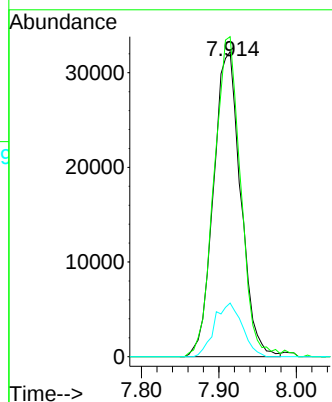
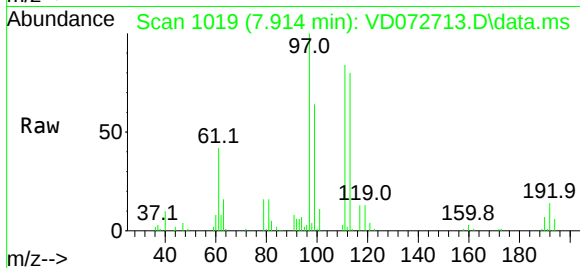
Tgt Ion:113 Resp: 78676

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 27.668 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

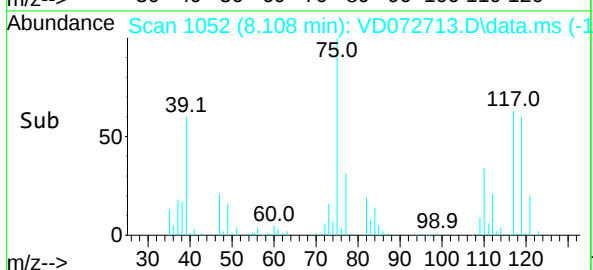
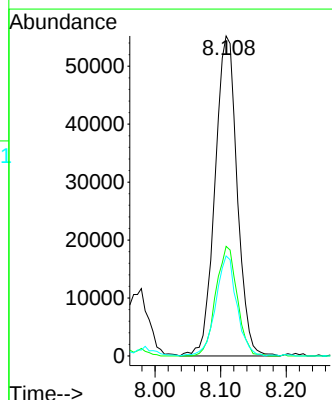
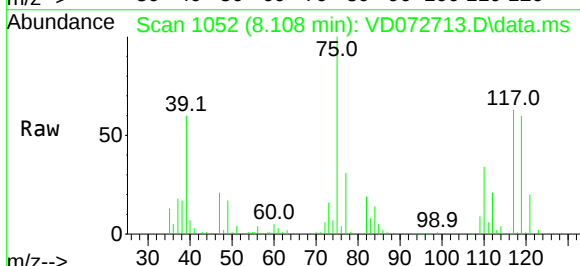
Tgt Ion: 75 Resp: 129518

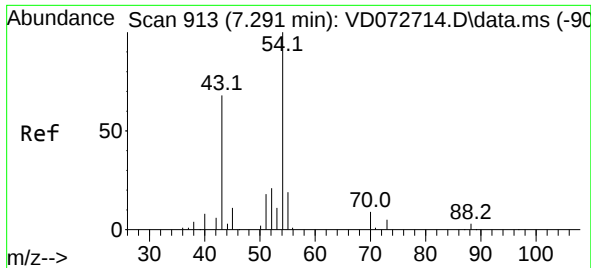
Ion Ratio Lower Upper

75 100

110 33.0 16.4 49.1

77 29.7 24.2 36.2





#37

Ethyl Acetate

Concen: 24.630 ug/l

RT: 7.291 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

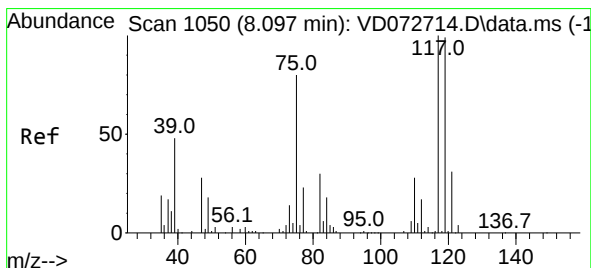
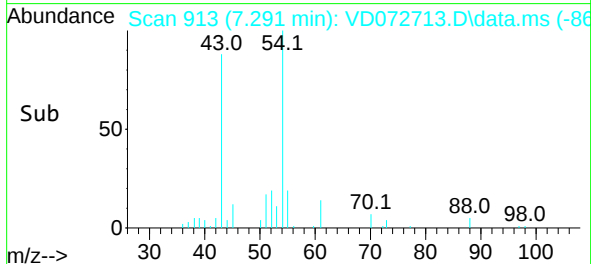
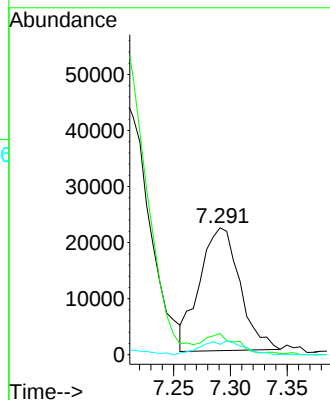
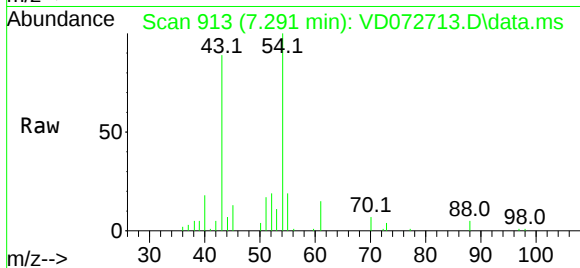
Tgt Ion: 43 Resp: 53895

Ion Ratio Lower Upper

43 100

61 14.9 9.8 14.8#

70 6.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 23.880 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

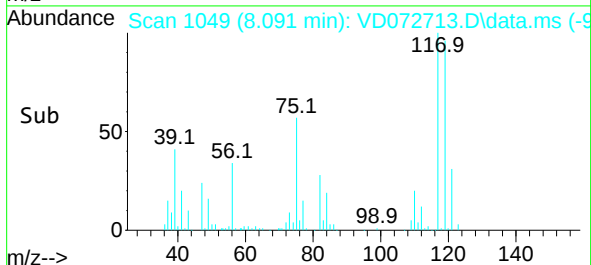
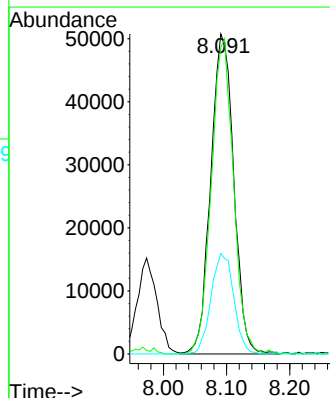
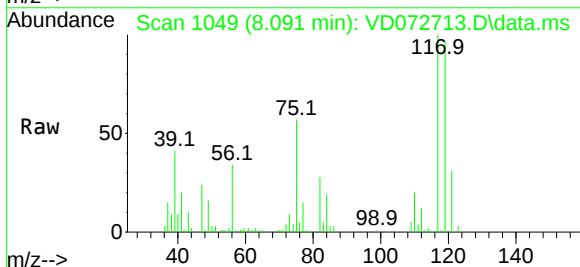
Tgt Ion: 117 Resp: 128574

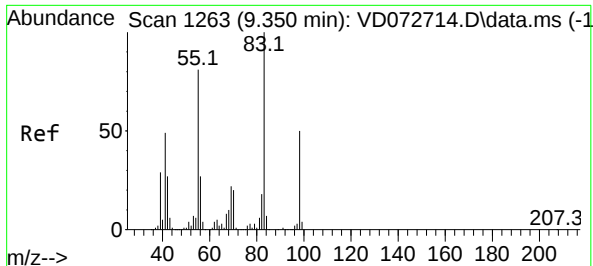
Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.6

121 31.4 24.5 36.7





#39

Methylcyclohexane

Concen: 28.553 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

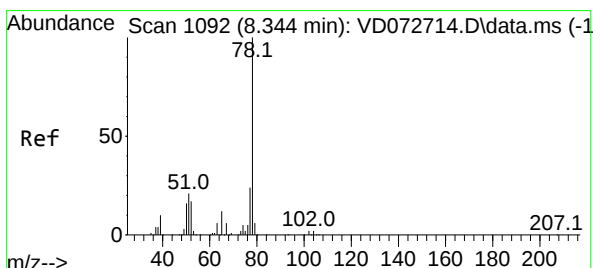
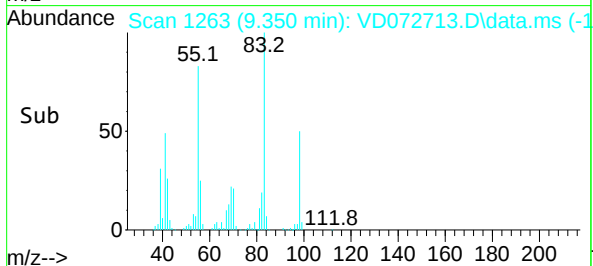
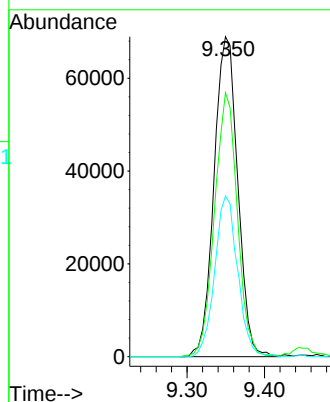
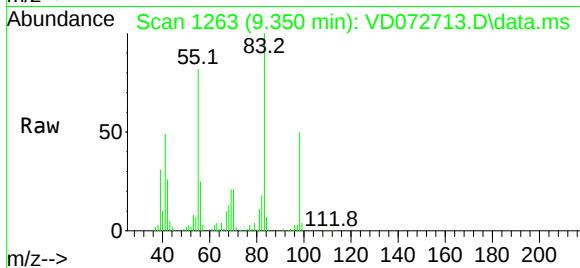
Tgt Ion: 83 Resp: 146467

Ion Ratio Lower Upper

83 100

55 82.5 63.2 94.8

98 50.2 38.2 57.4



#40

Benzene

Concen: 26.274 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072713.D

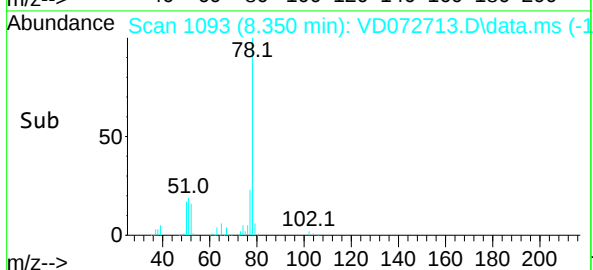
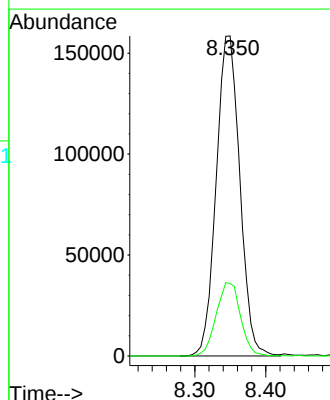
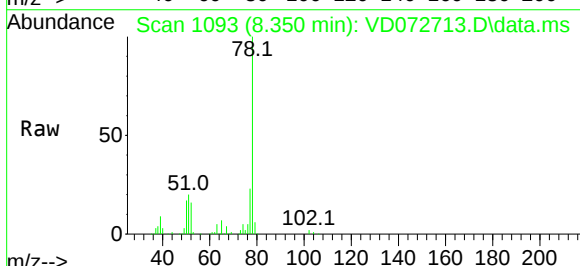
Acq: 27 Apr 2022 13:00

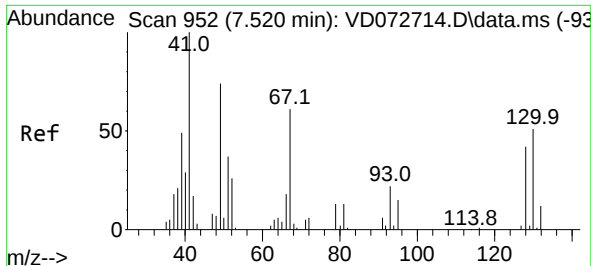
Tgt Ion: 78 Resp: 365454

Ion Ratio Lower Upper

78 100

77 22.7 19.1 28.7



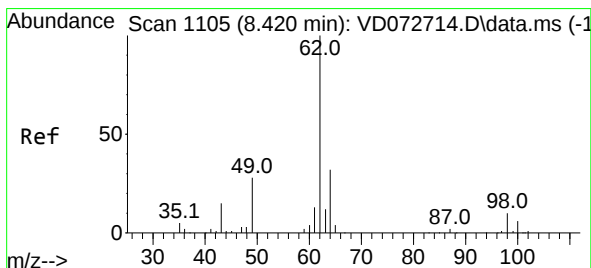
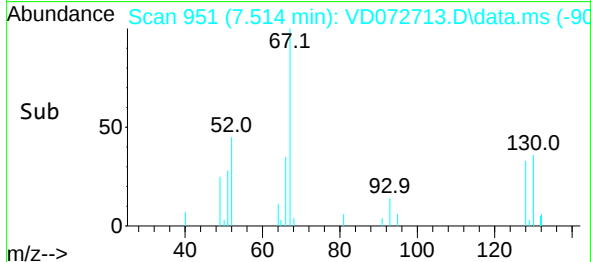
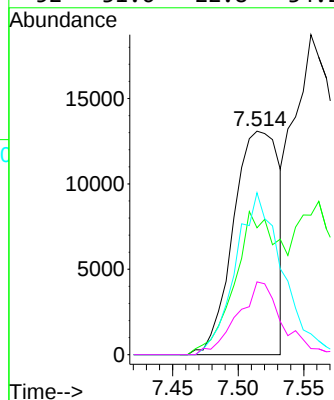
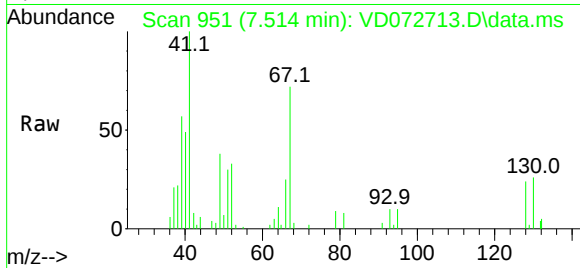


#41
Methacrylonitrile
Concen: 26.002 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 31659

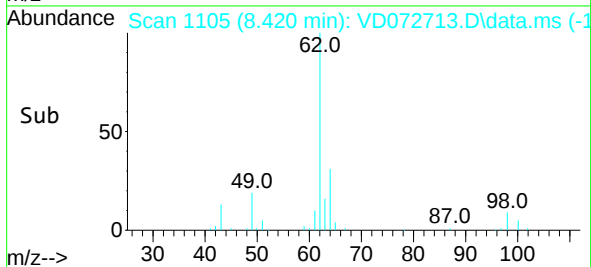
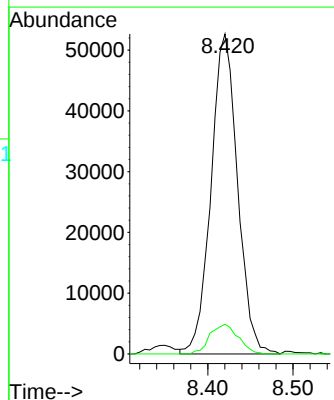
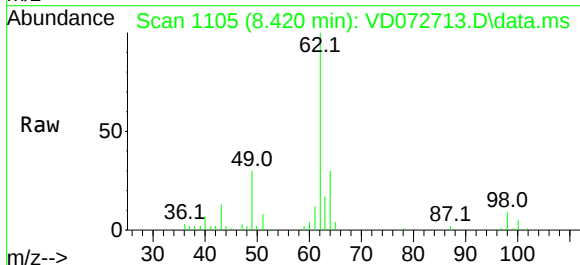
Ion	Ratio	Lower	Upper
41	100		
39	65.4	44.6	67.0
67	74.8	48.2	72.4
52	31.6	22.8	34.2

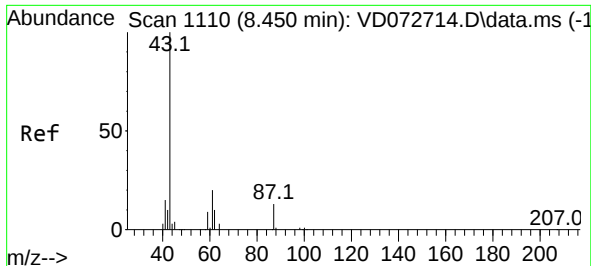


#42
1,2-Dichloroethane
Concen: 26.442 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 62 Resp: 113868

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.6

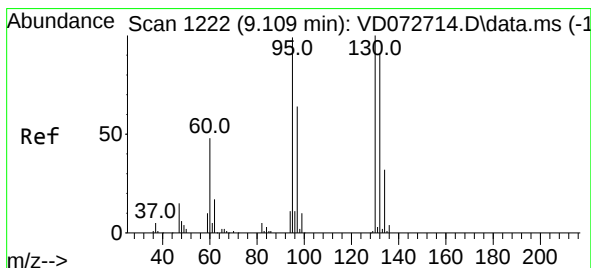
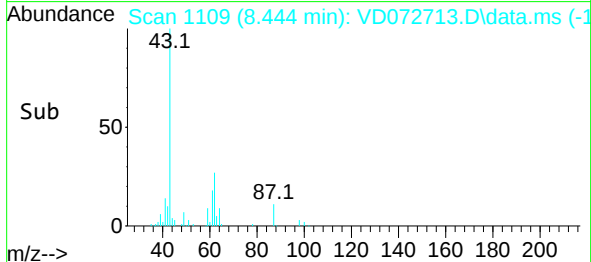
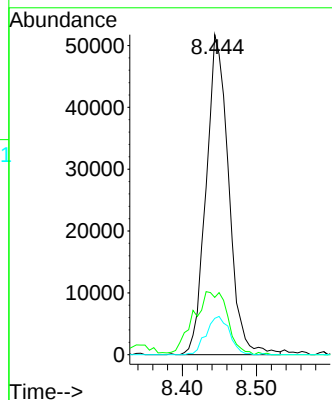
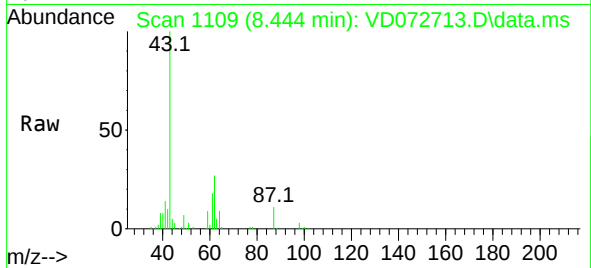




#43
Isopropyl Acetate
Concen: 26.178 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

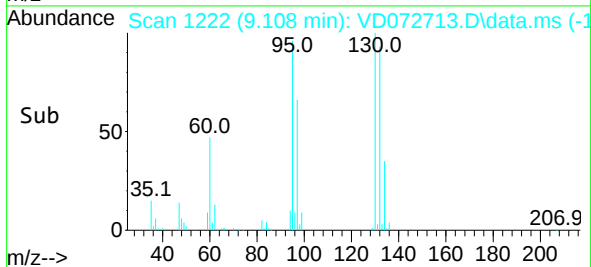
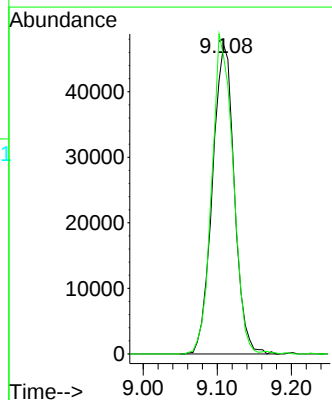
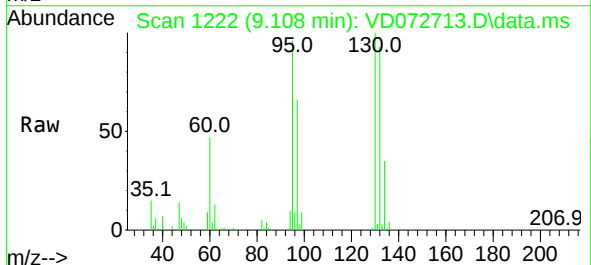
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

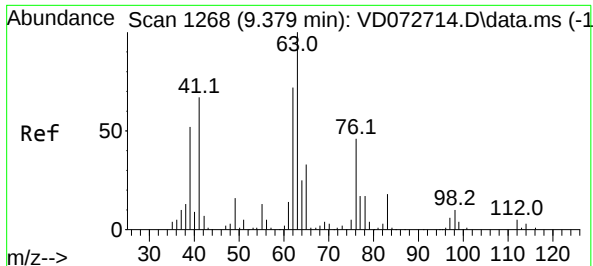
Tgt Ion: 43 Resp: 109227
Ion Ratio Lower Upper
43 100
61 29.8 22.4 33.6
87 12.4 8.7 13.1



#44
Trichloroethene
Concen: 24.895 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion:130 Resp: 96923
Ion Ratio Lower Upper
130 100
95 96.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 24.123 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

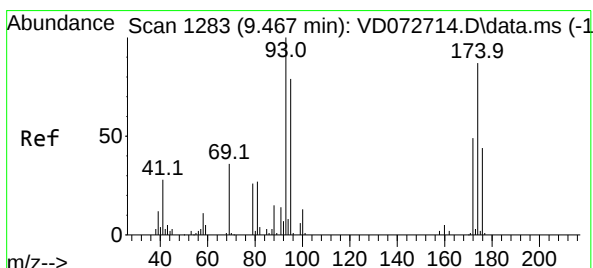
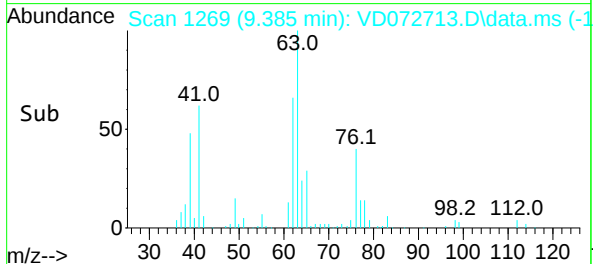
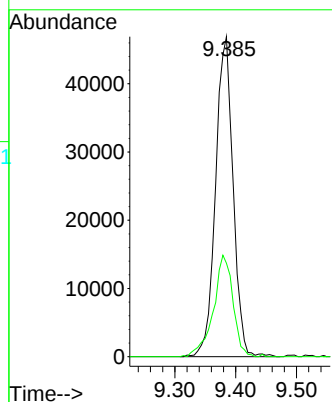
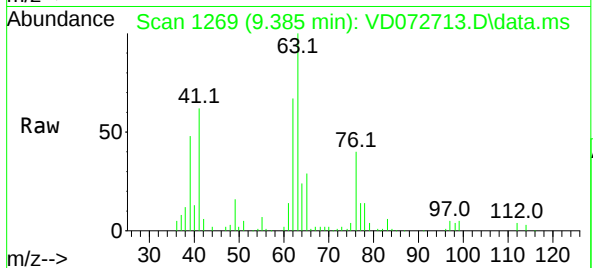
VSTDIC020

Tgt Ion: 63 Resp: 93566

Ion Ratio Lower Upper

63 100

65 29.2 26.2 39.4



#46

Dibromomethane

Concen: 25.750 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

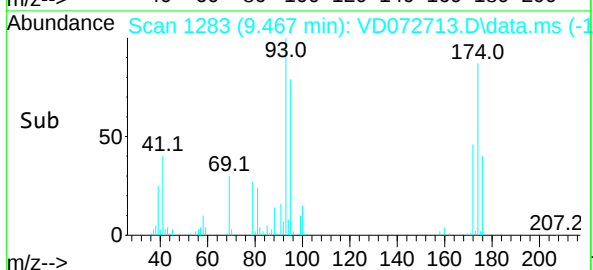
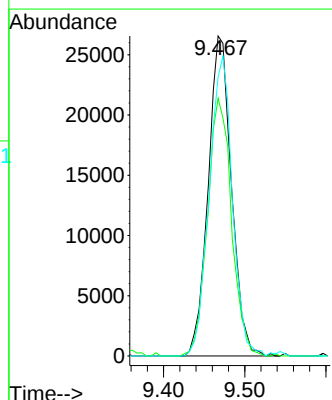
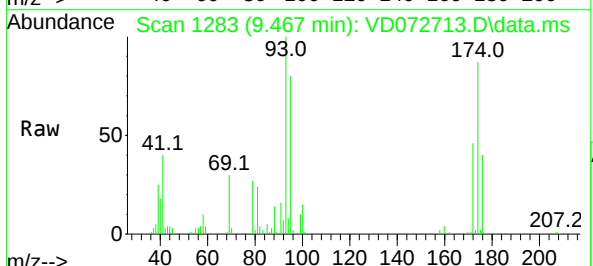
Tgt Ion: 93 Resp: 52933

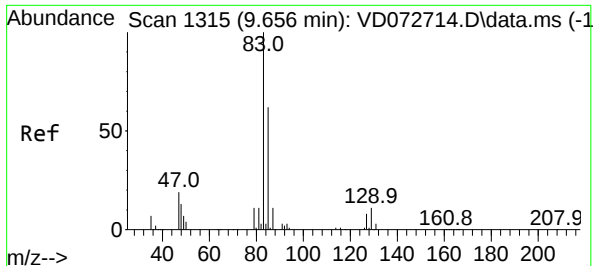
Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

174 93.4 71.6 107.4

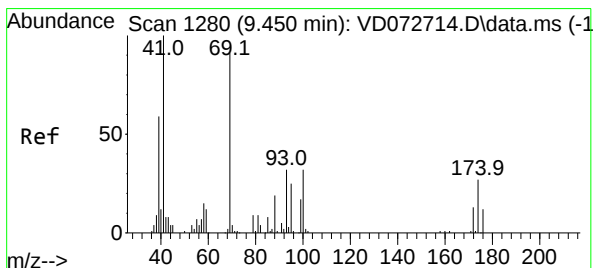
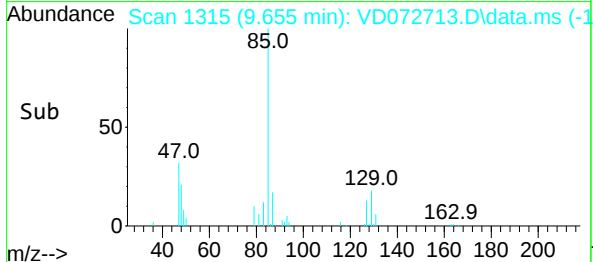
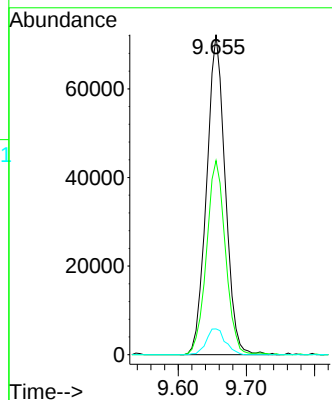
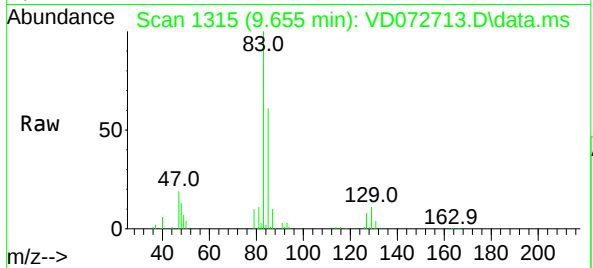




#47
Bromodichloromethane
Concen: 23.543 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

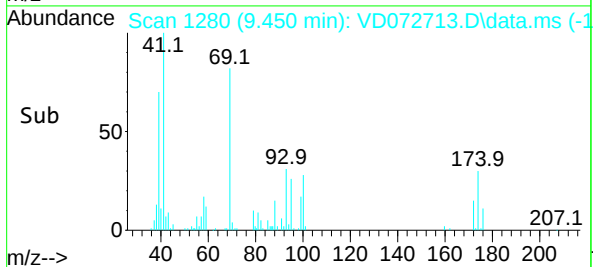
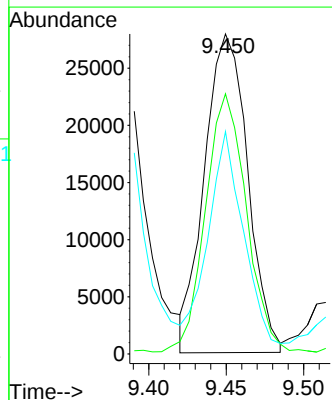
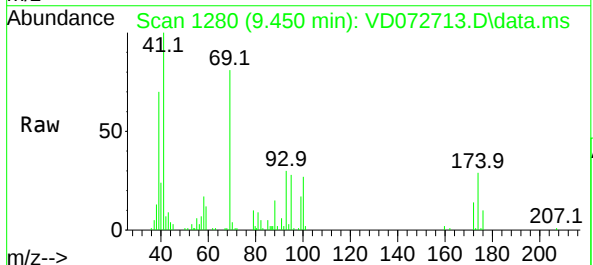
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

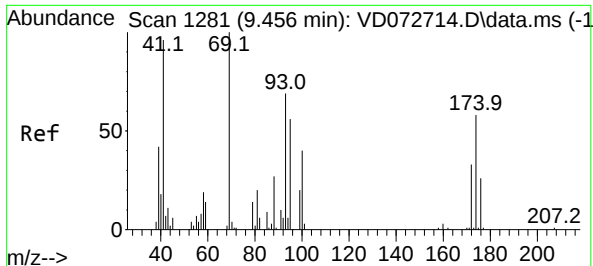
Tgt Ion: 83 Resp: 137254
Ion Ratio Lower Upper
83 100
85 60.7 51.4 77.0
127 8.0 6.1 9.1



#48
Methyl methacrylate
Concen: 26.352 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 41 Resp: 54096
Ion Ratio Lower Upper
41 100
69 77.2 56.7 85.1
39 52.8 42.7 64.1





#49

1,4-Dioxane

Concen: 468.541 ug/l

RT: 9.455 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

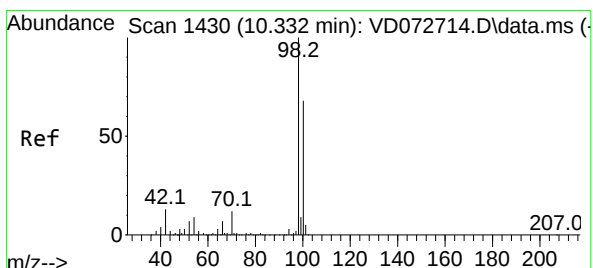
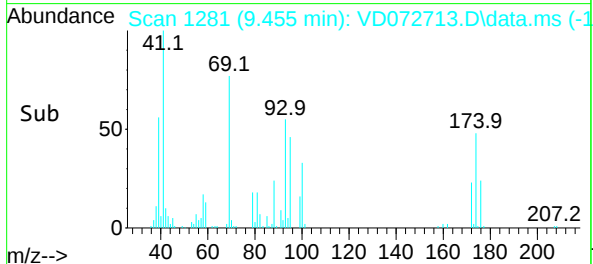
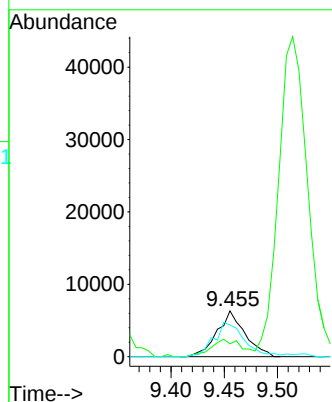
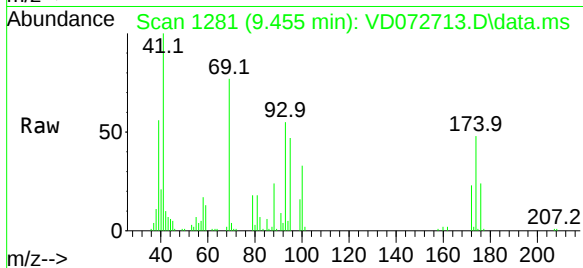
Tgt Ion: 88 Resp: 11506

Ion Ratio Lower Upper

88 100

43 42.7 31.0 46.4

58 81.5 58.1 87.1



#50

Toluene-d8

Concen: 20.760 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072713.D

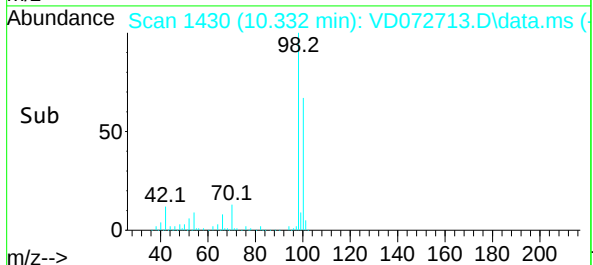
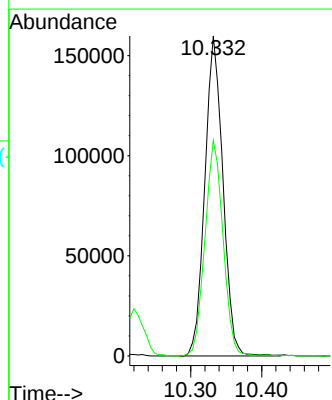
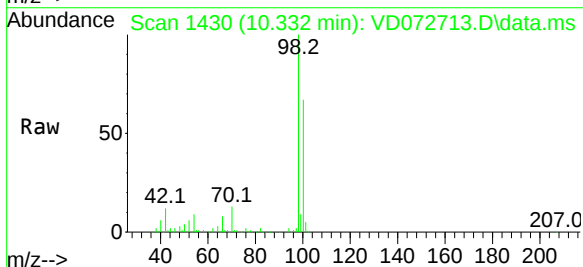
Acq: 27 Apr 2022 13:00

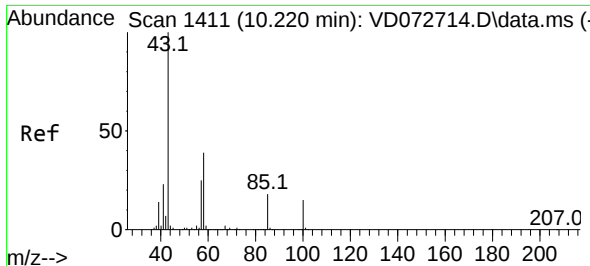
Tgt Ion: 98 Resp: 282824

Ion Ratio Lower Upper

98 100

100 67.5 52.4 78.6

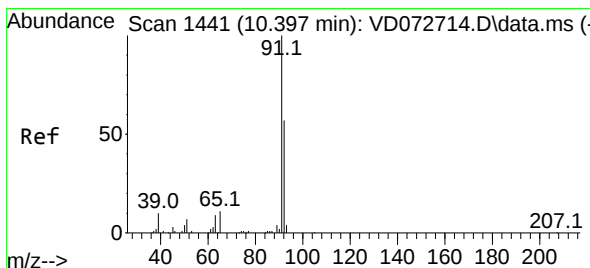
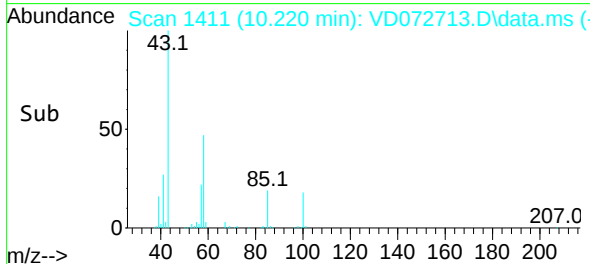
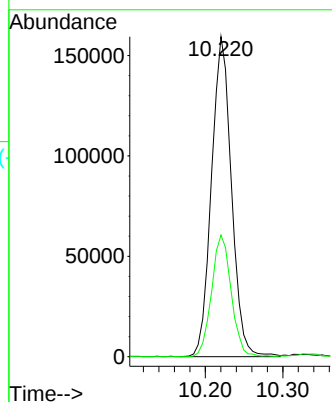
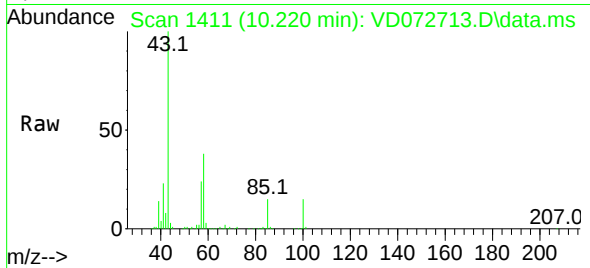




#51
4-Methyl-2-Pentanone
Concen: 128.219 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

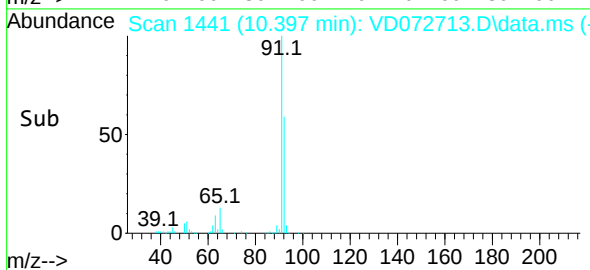
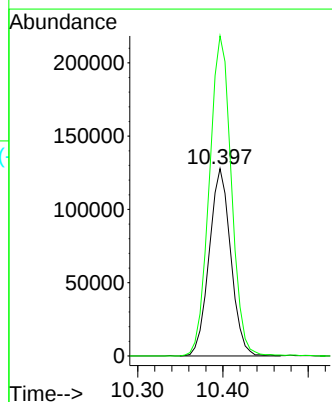
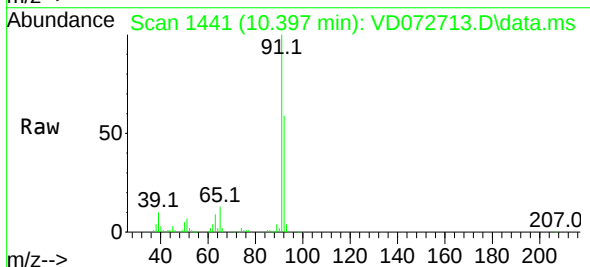
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

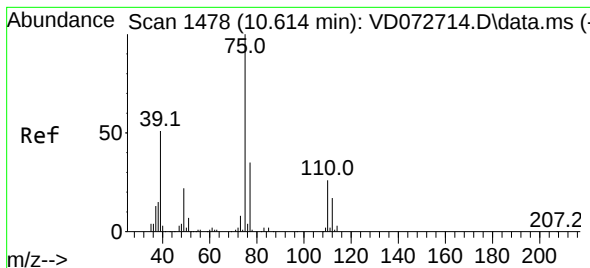
Tgt Ion: 43 Resp: 285595
Ion Ratio Lower Upper
43 100
58 37.3 28.6 43.0



#52
Toluene
Concen: 24.508 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 92 Resp: 224718
Ion Ratio Lower Upper
92 100
91 175.3 139.6 209.4

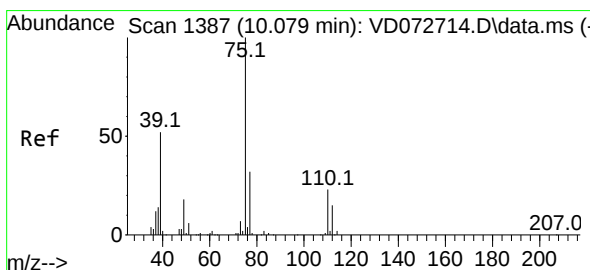
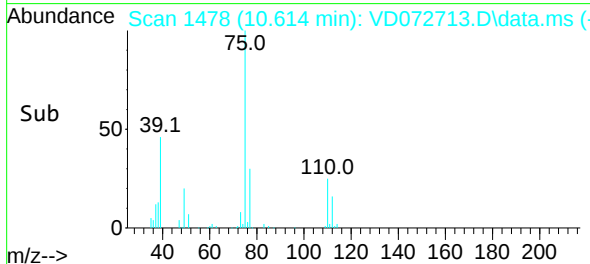
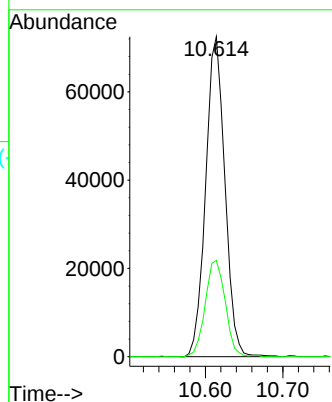
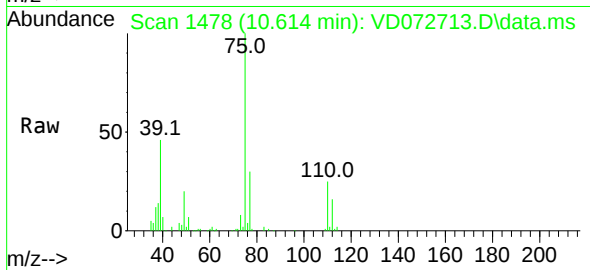




#53
t-1,3-Dichloropropene
Concen: 24.542 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

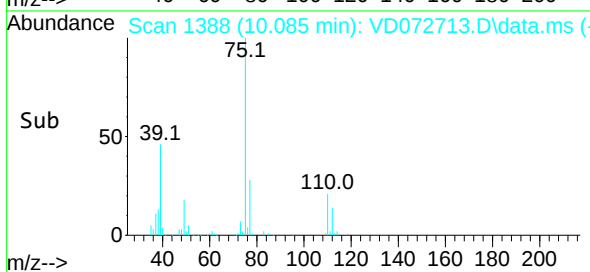
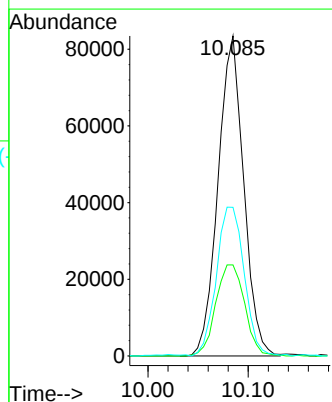
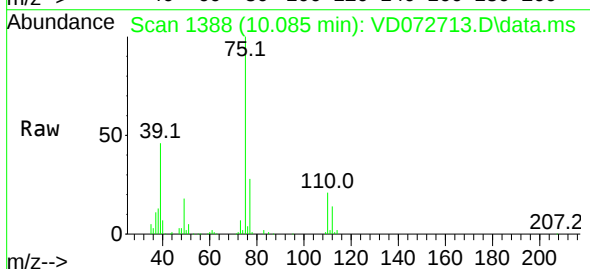
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

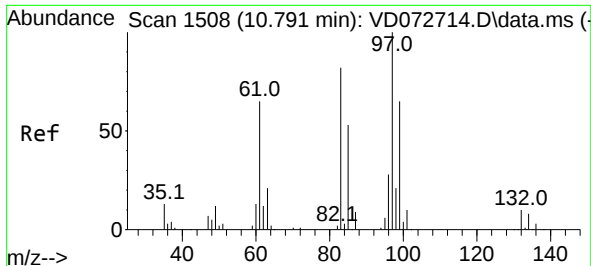
Tgt Ion: 75 Resp: 124808
Ion Ratio Lower Upper
75 100
77 30.1 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 24.647 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 75 Resp: 148247
Ion Ratio Lower Upper
75 100
77 28.4 24.8 37.2
39 46.2 46.8 70.2#

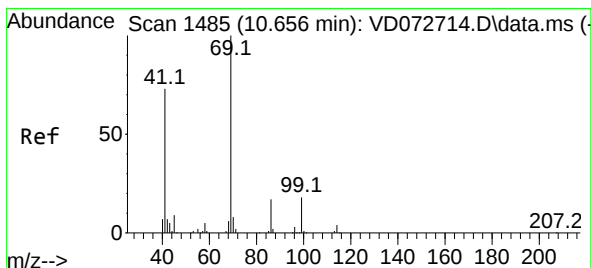
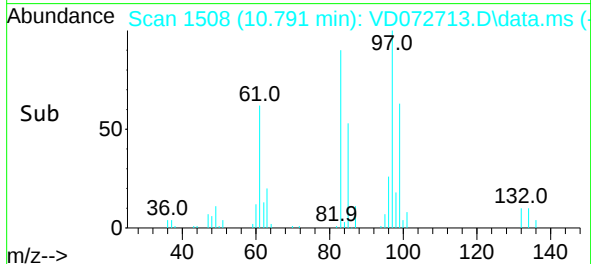
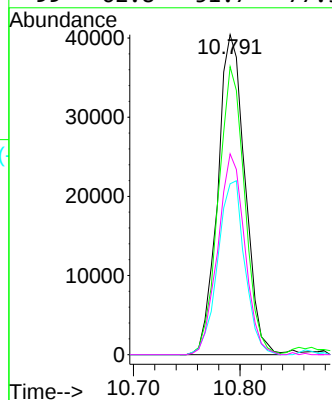
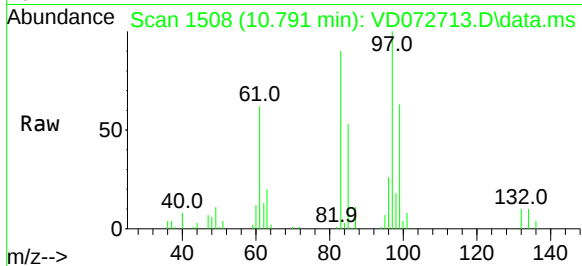




#55
1,1,2-Trichloroethane
Concen: 23.365 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

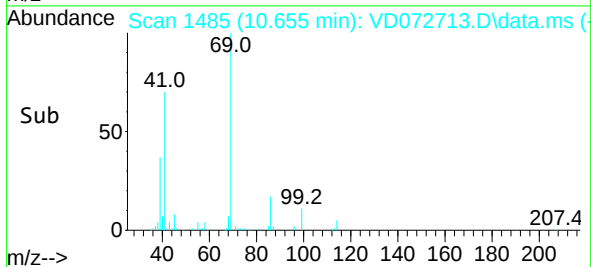
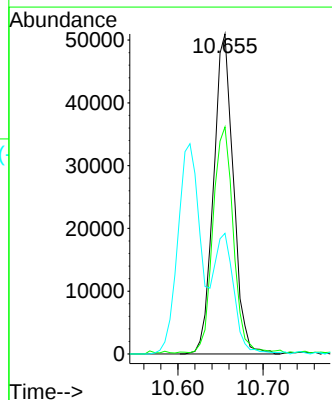
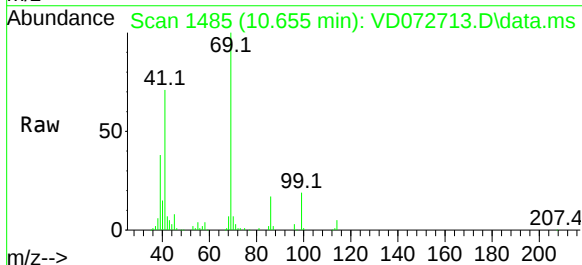
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

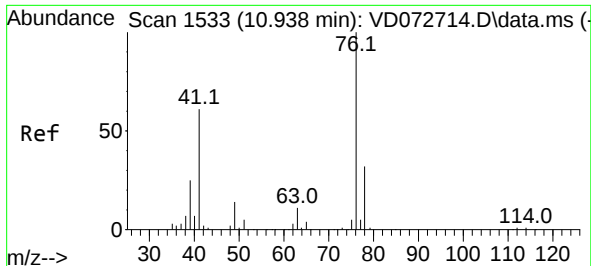
Tgt Ion:	97	Resp:	71659
Ion	Ratio	Lower	Upper
97	100		
83	90.0	69.0	103.4
85	53.4	42.6	63.8
99	62.8	51.7	77.5



#56
Ethyl methacrylate
Concen: 23.701 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion:	69	Resp:	82538
Ion	Ratio	Lower	Upper
69	100		
41	72.7	63.0	94.6
39	36.0	33.8	50.8





#57

1,3-Dichloropropane

Concen: 24.110 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

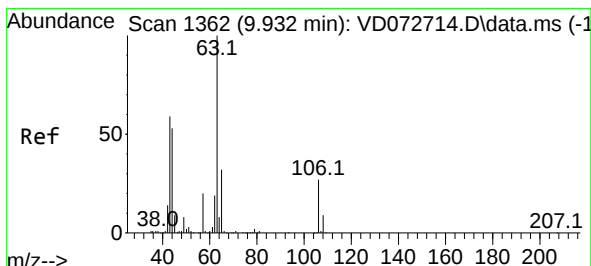
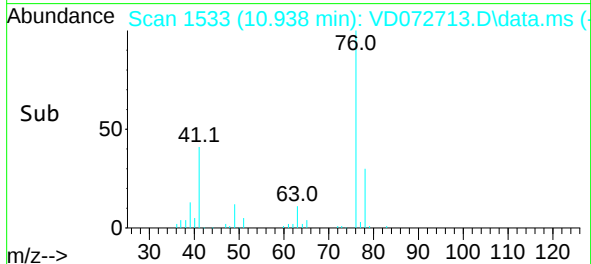
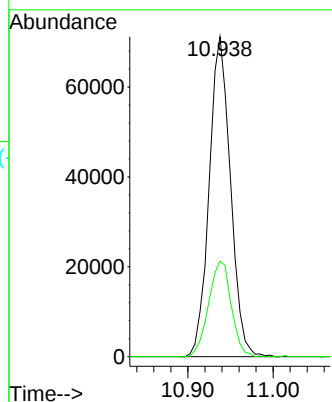
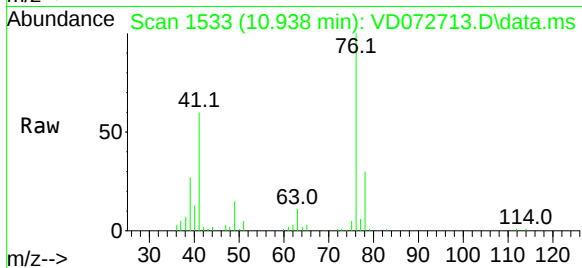
VSTDIC020

Tgt Ion: 76 Resp: 123403

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 112.355 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD072713.D

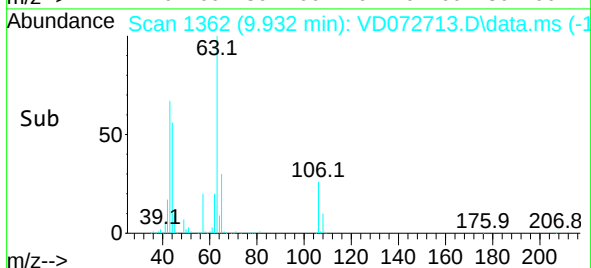
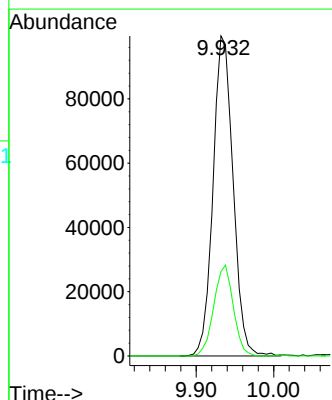
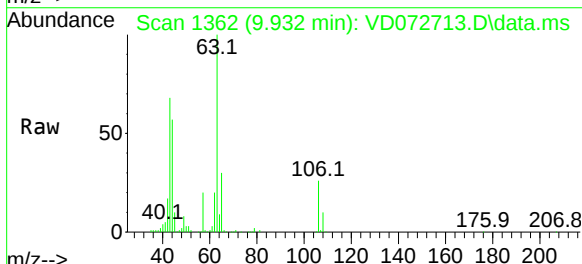
Acq: 27 Apr 2022 13:00

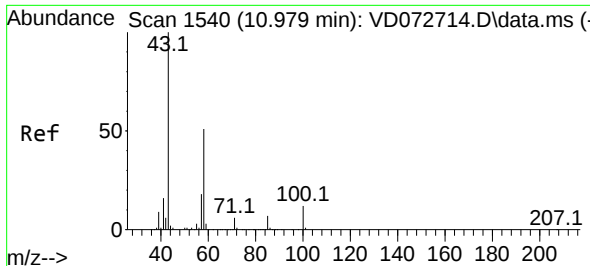
Tgt Ion: 63 Resp: 179003

Ion Ratio Lower Upper

63 100

106 27.6 21.4 32.0

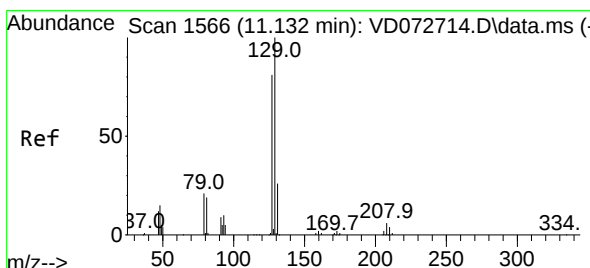
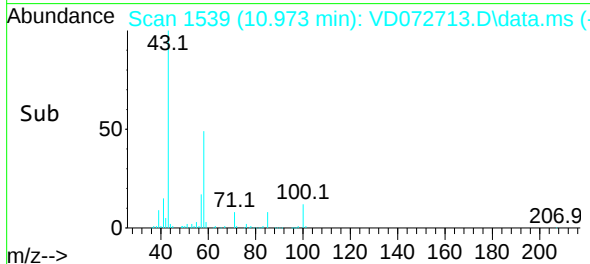
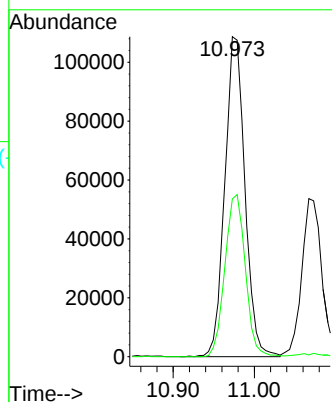
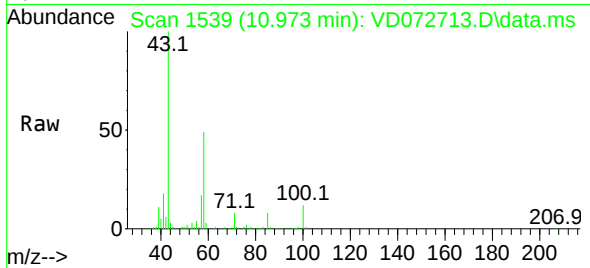




#59
2-Hexanone
Concen: 123.791 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

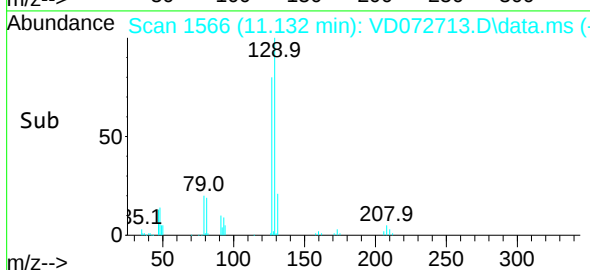
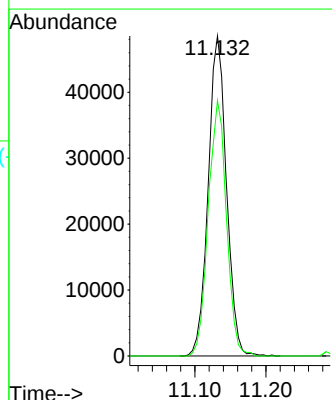
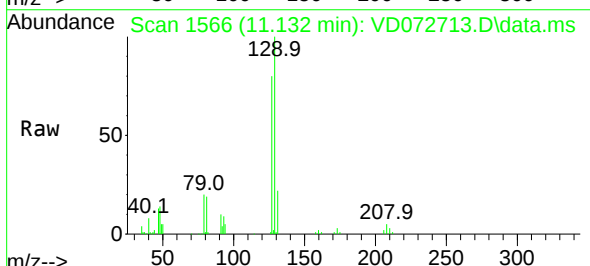
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

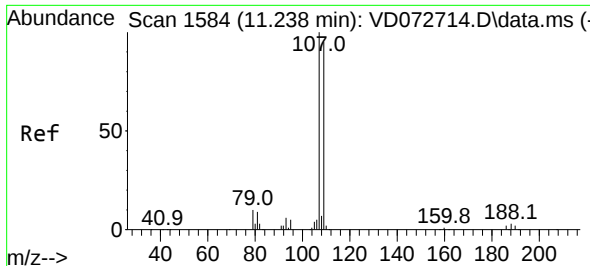
Tgt Ion: 43 Resp: 187457
Ion Ratio Lower Upper
43 100
58 51.4 25.3 75.9



#60
Dibromochloromethane
Concen: 22.048 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 129 Resp: 86794
Ion Ratio Lower Upper
129 100
127 79.5 39.2 117.6

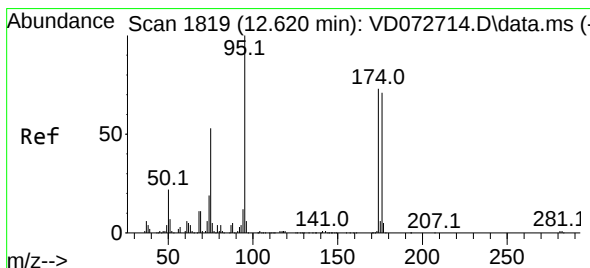
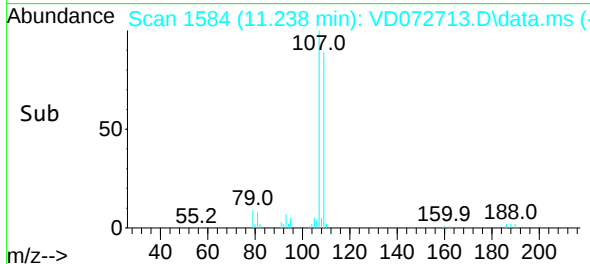
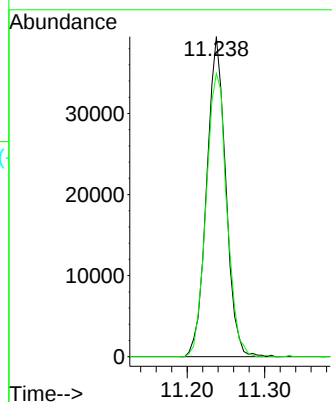
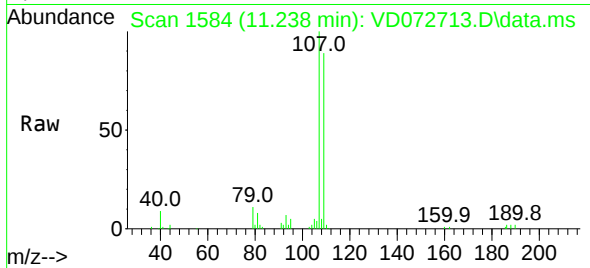




#61
1,2-Dibromoethane
Concen: 24.420 ug/l
RT: 11.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

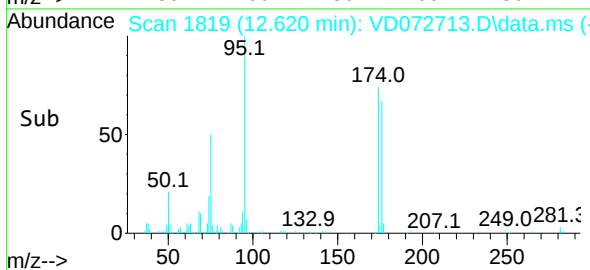
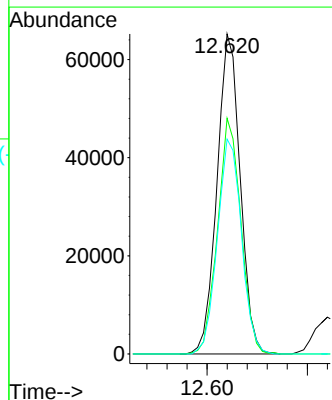
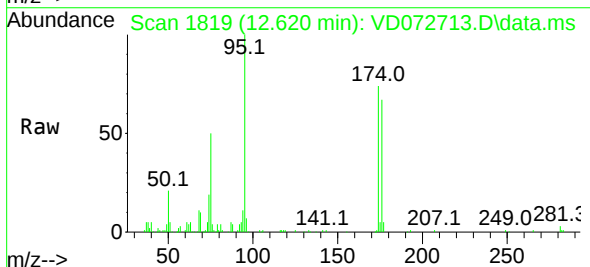
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

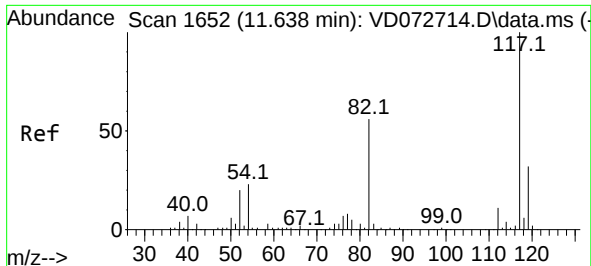
Tgt Ion:107 Resp: 67497
Ion Ratio Lower Upper
107 100
109 95.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 19.624 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 95 Resp: 104755
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.8
176 69.6 0.0 145.4

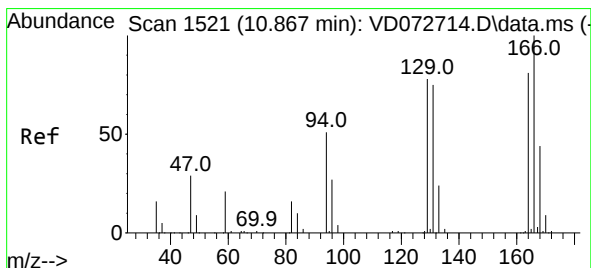
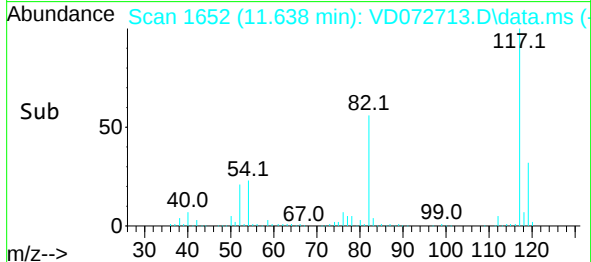
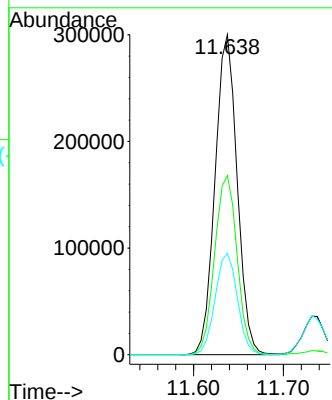
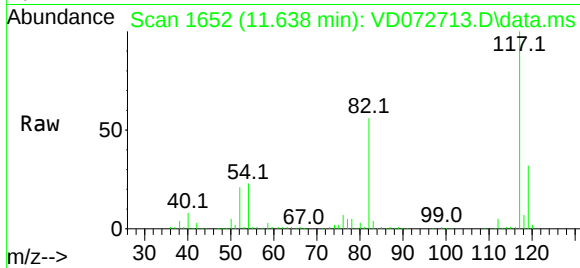




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

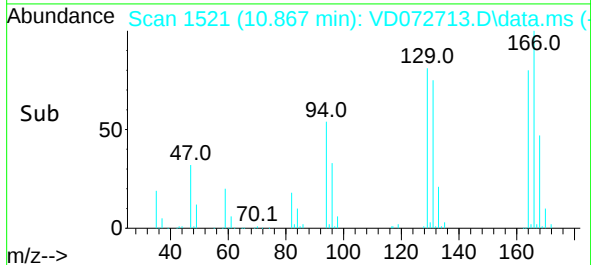
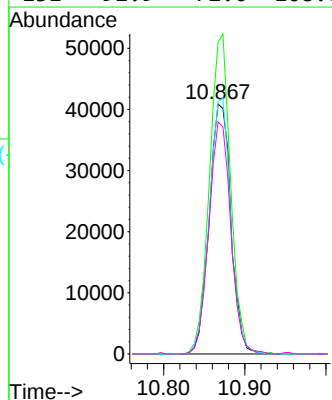
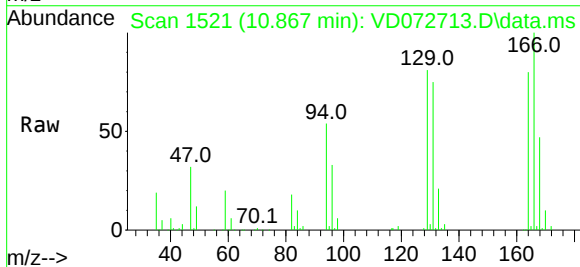
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

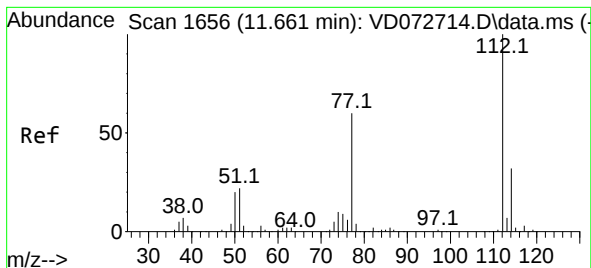
Tgt Ion:117 Resp: 513908
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.6 26.6 40.0



#64
Tetrachloroethene
Concen: 23.462 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion:164 Resp: 76090
Ion Ratio Lower Upper
164 100
166 124.7 98.5 147.7
129 100.8 74.6 111.8
131 92.9 72.0 108.0

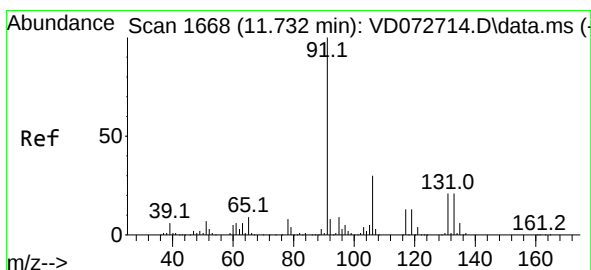
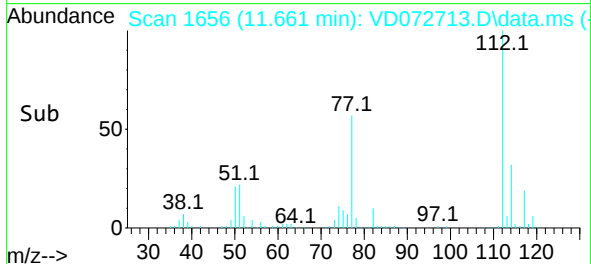
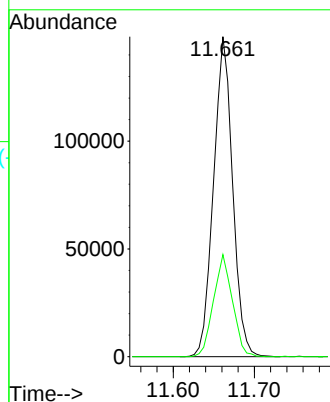
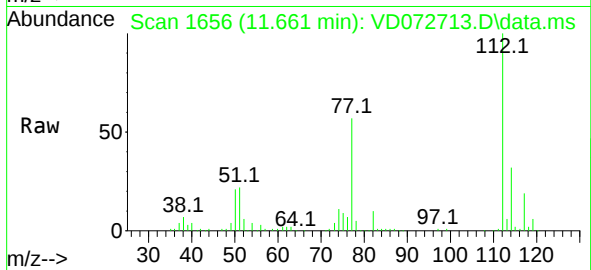




#65
Chlorobenzene
Concen: 21.941 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

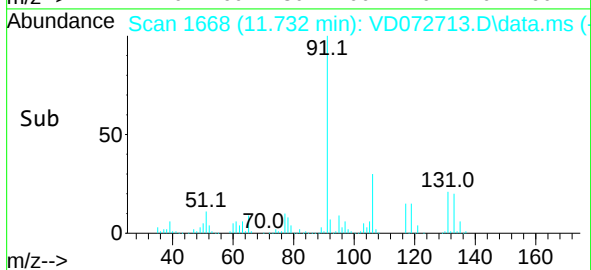
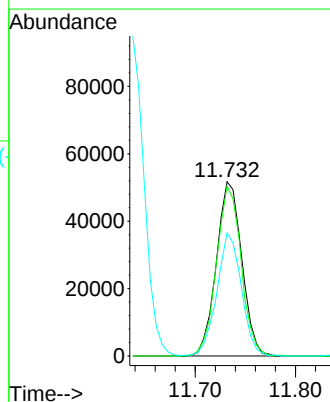
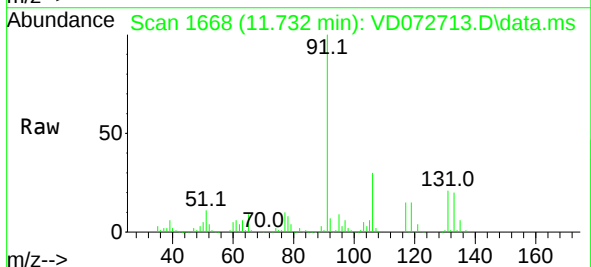
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

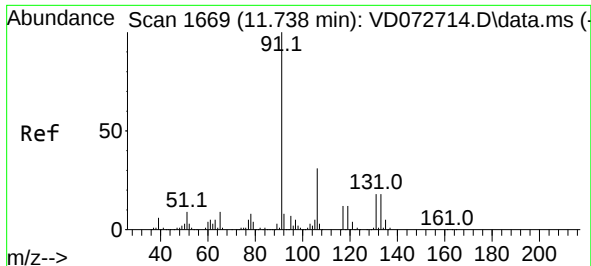
Tgt Ion:112 Resp: 242628
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.670 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion:131 Resp: 90977
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.3
119 68.2 31.9 95.9





#67

Ethyl Benzene

Concen: 21.883 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

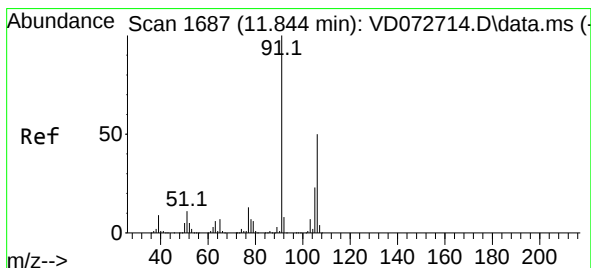
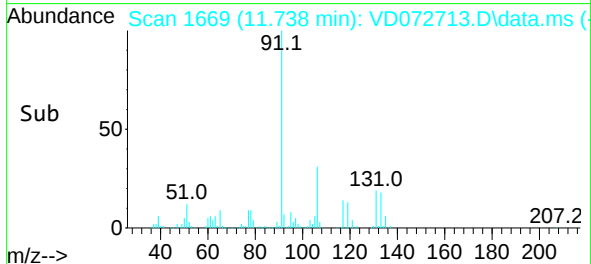
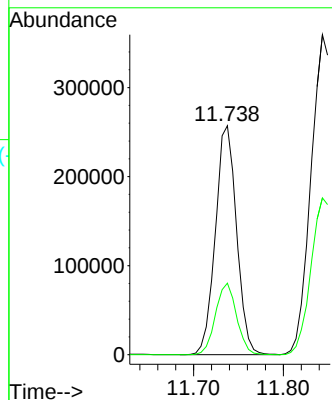
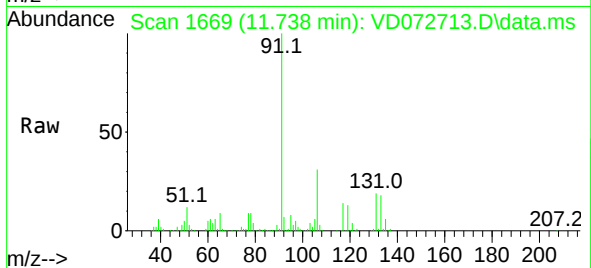
VSTDIC020

Tgt Ion: 91 Resp: 421421

Ion Ratio Lower Upper

91 100

106 31.3 24.2 36.4



#68

m/p-Xylenes

Concen: 45.561 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD072713.D

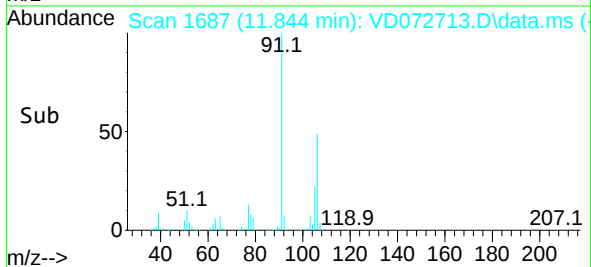
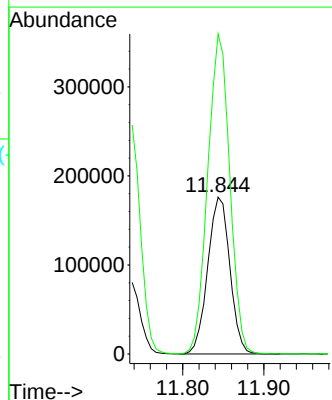
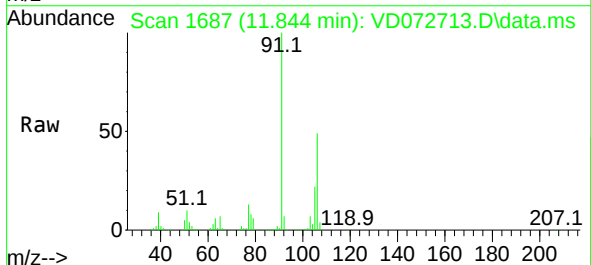
Acq: 27 Apr 2022 13:00

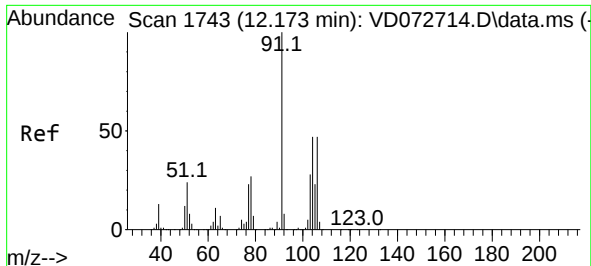
Tgt Ion: 106 Resp: 333633

Ion Ratio Lower Upper

106 100

91 203.4 163.7 245.5

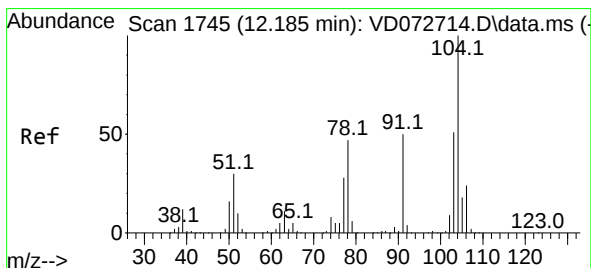
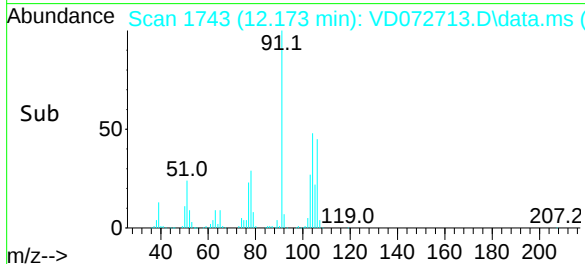
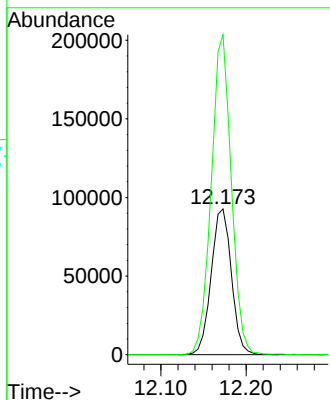
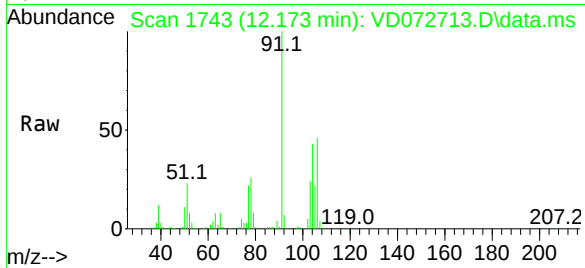




#69
o-Xylene
Concen: 21.656 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

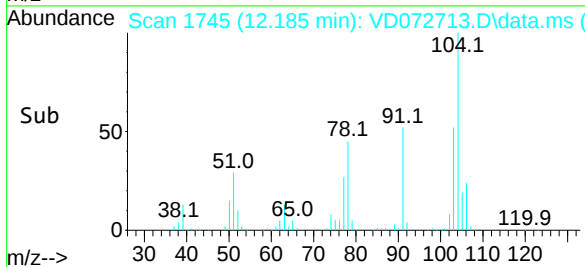
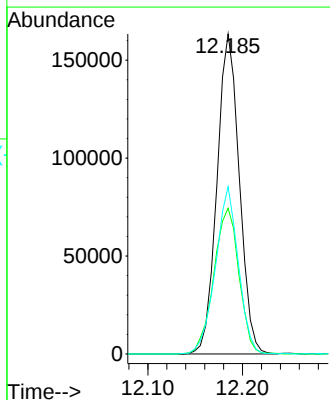
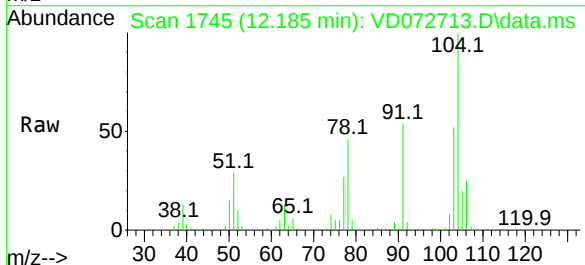
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

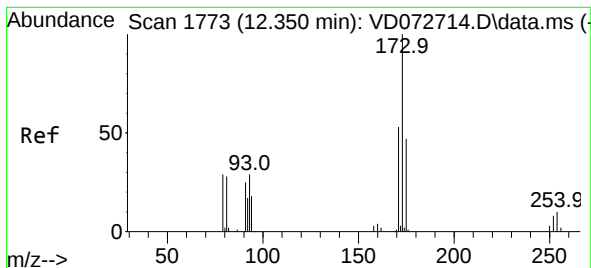
Tgt Ion:106 Resp: 153091
Ion Ratio Lower Upper
106 100
91 217.5 110.4 331.2



#70
Styrene
Concen: 21.591 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion:104 Resp: 267872
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.8
103 53.6 44.2 66.4





#71

Bromoform

Concen: 20.780 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

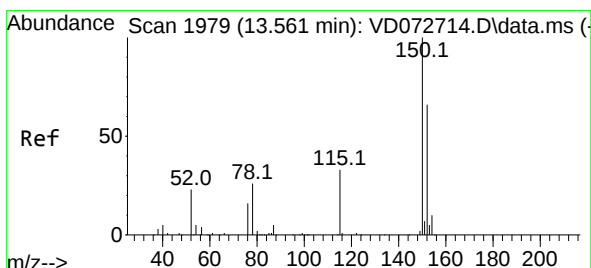
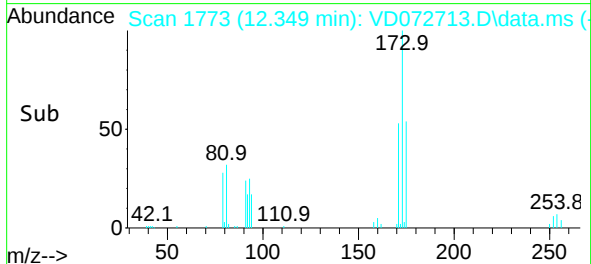
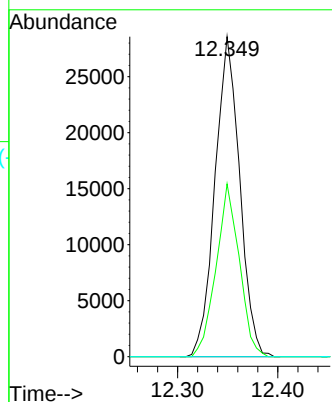
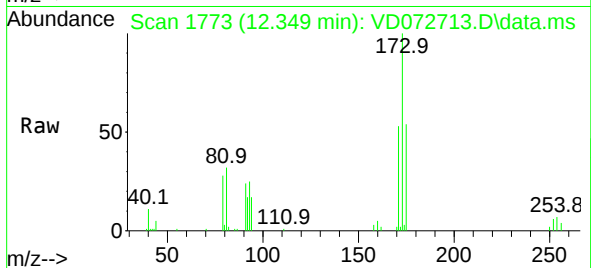
Tgt Ion:173 Resp: 48851

Ion Ratio Lower Upper

173 100

175 50.8 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. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

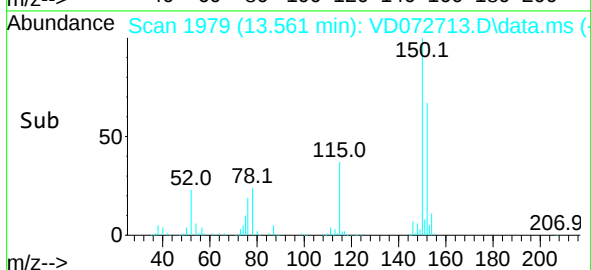
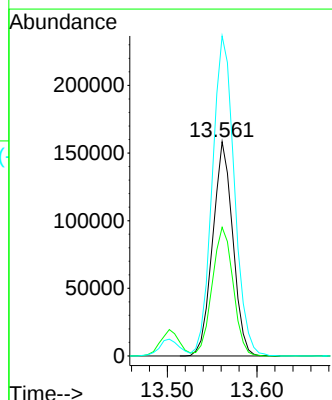
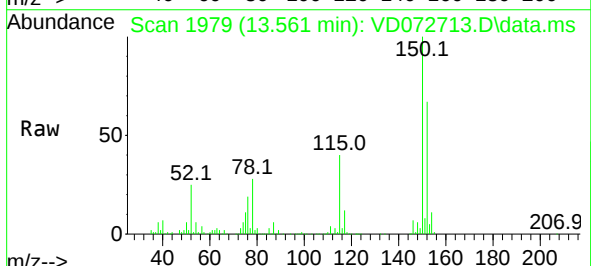
Tgt Ion:152 Resp: 246481

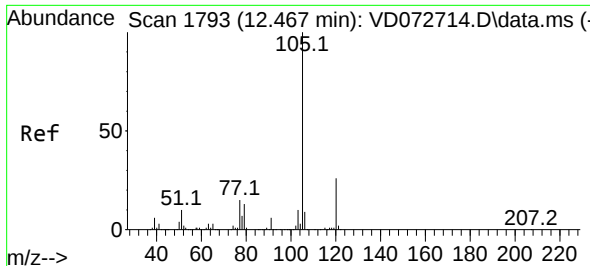
Ion Ratio Lower Upper

152 100

115 62.6 31.3 93.8

150 164.0 0.0 348.6

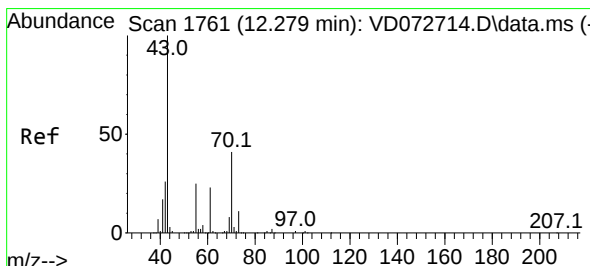
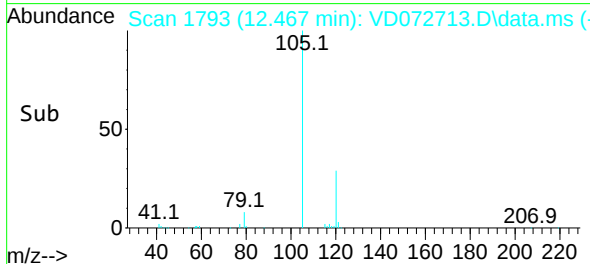
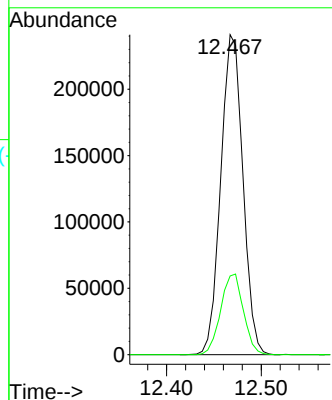
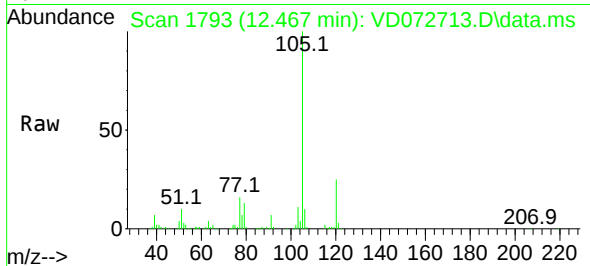




#73
Isopropylbenzene
Concen: 20.546 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

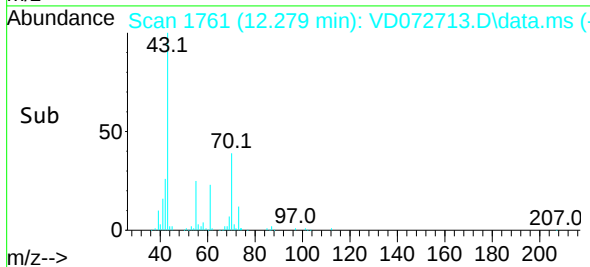
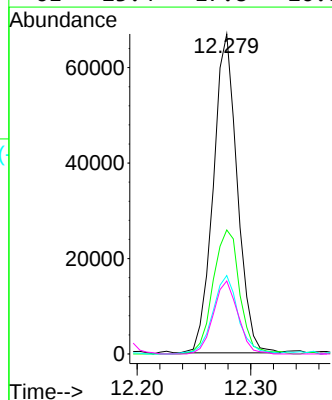
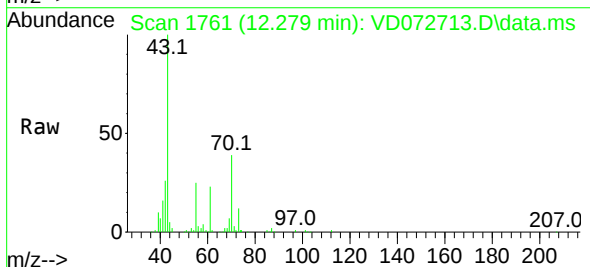
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

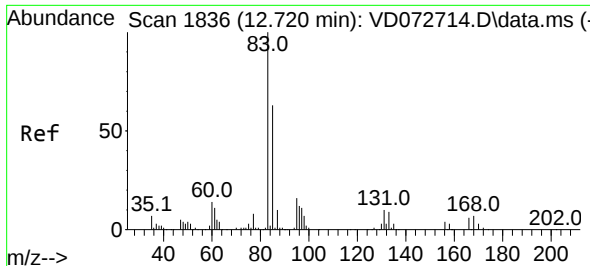
Tgt Ion:105 Resp: 391725
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 23.303 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 43 Resp: 97962
Ion Ratio Lower Upper
43 100
70 43.2 31.3 46.9
55 26.3 20.0 30.0
61 23.4 17.8 26.8

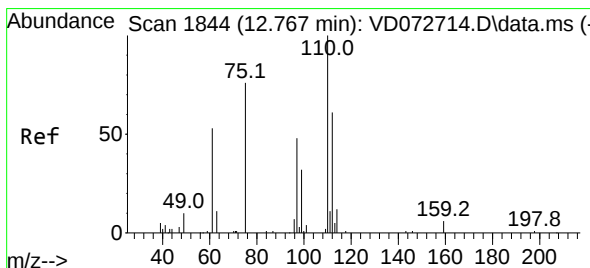
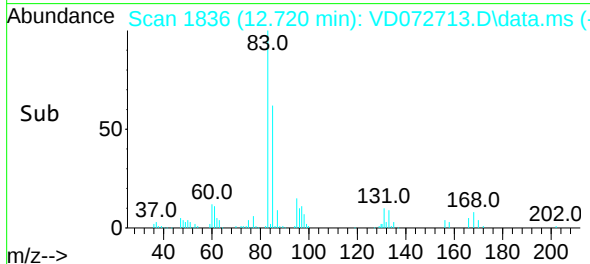
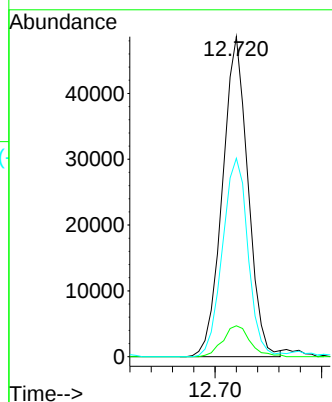
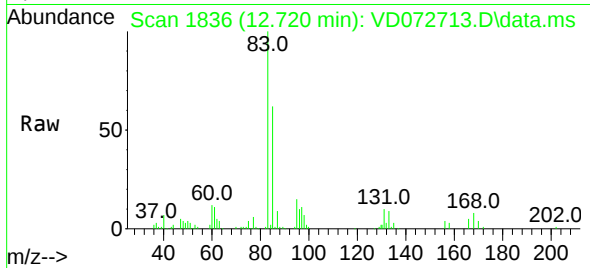




#75
1,1,2,2-Tetrachloroethane
Concen: 21.656 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

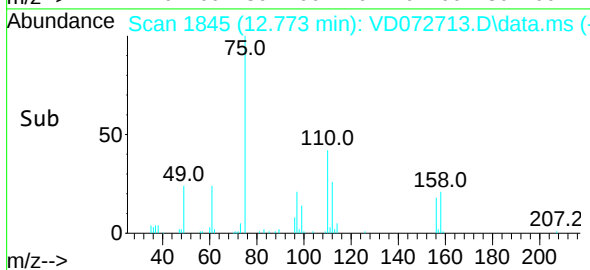
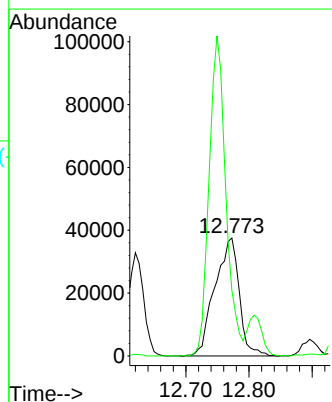
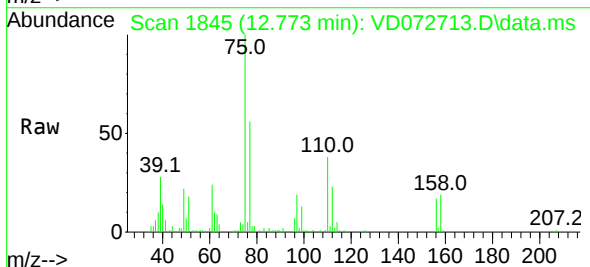
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

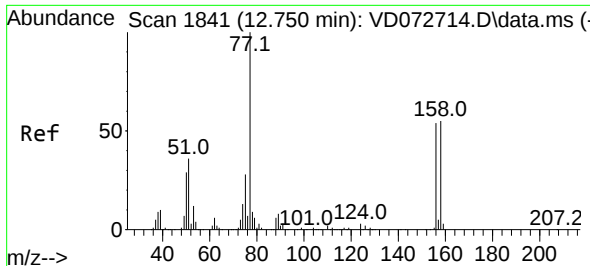
Tgt Ion: 83 Resp: 80759
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 62.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 37.311 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 75 Resp: 100493
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

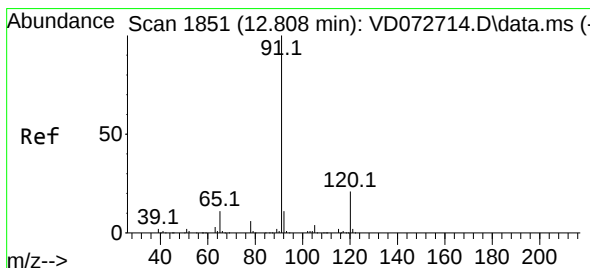
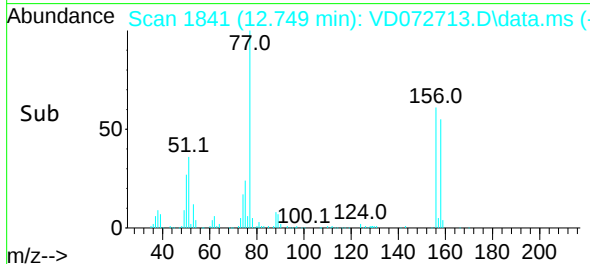
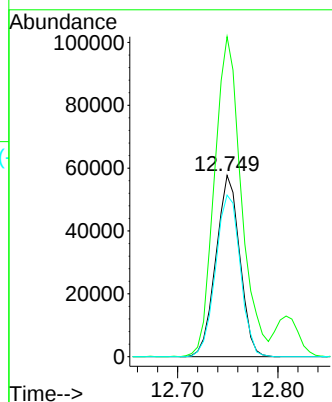
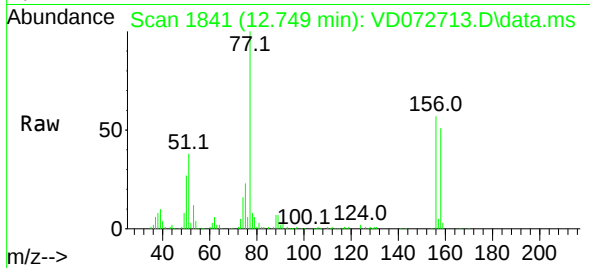




#77
Bromobenzene
Concen: 21.961 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

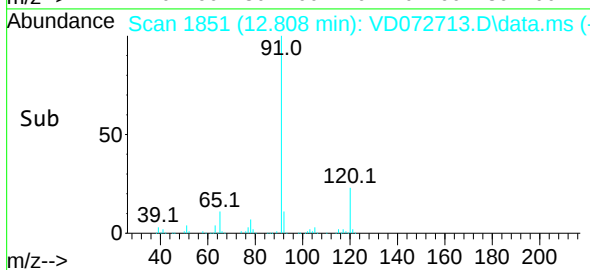
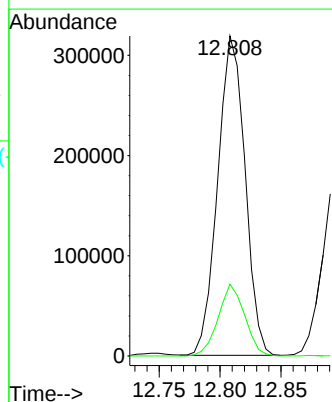
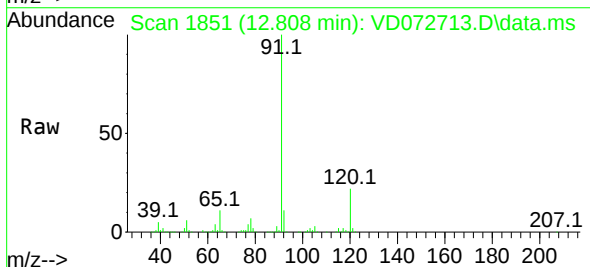
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

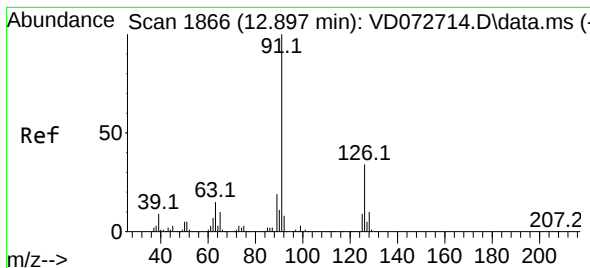
Tgt Ion:156 Resp: 95353
Ion Ratio Lower Upper
156 100
77 198.3 102.8 308.3
158 92.2 48.7 146.1



#78
n-propylbenzene
Concen: 21.509 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 91 Resp: 497842
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9

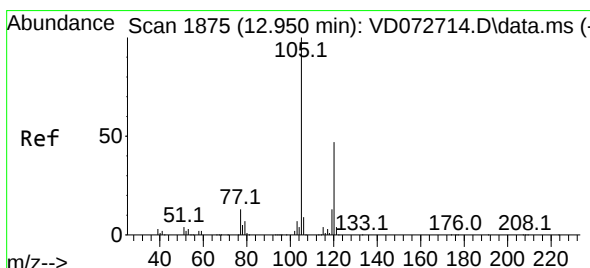
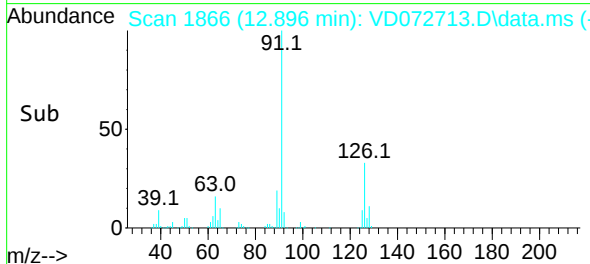
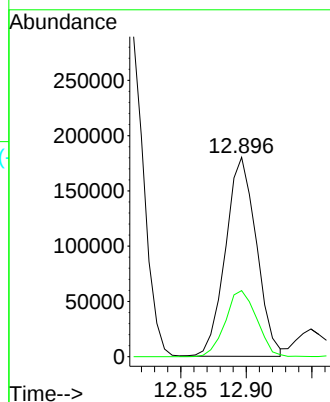
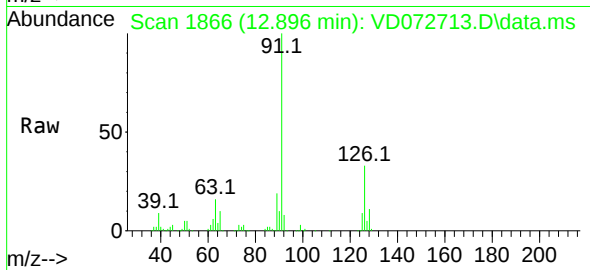




#79
2-Chlorotoluene
Concen: 21.744 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

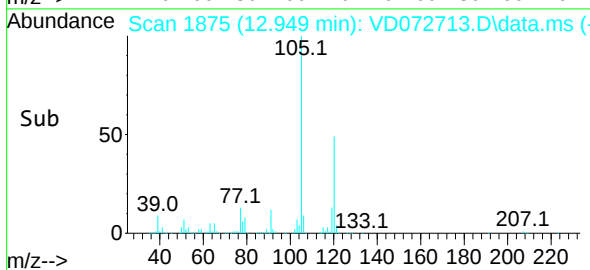
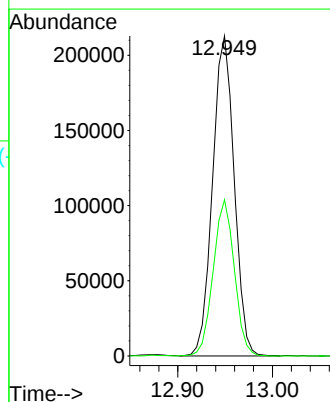
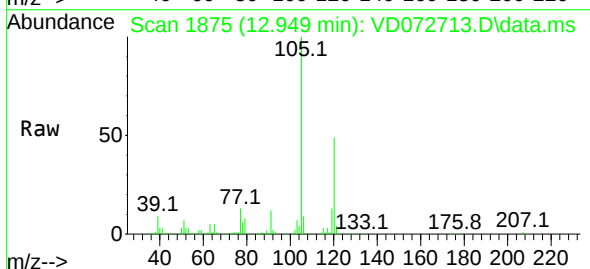
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

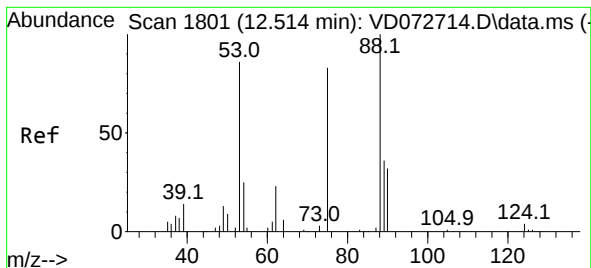
Tgt Ion: 91 Resp: 294785
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.606 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 105 Resp: 337912
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8

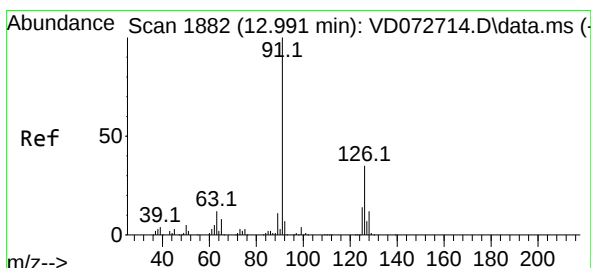
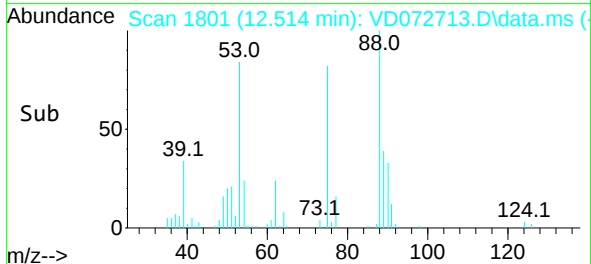
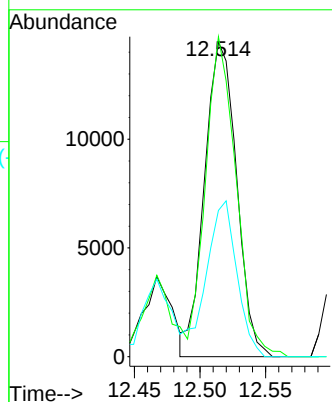
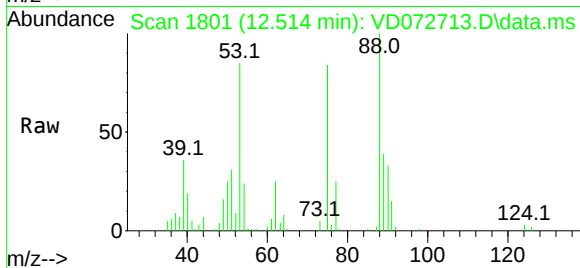




#81
trans-1,4-Dichloro-2-butene
Concen: 22.676 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

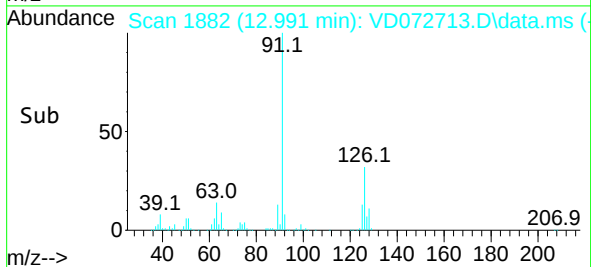
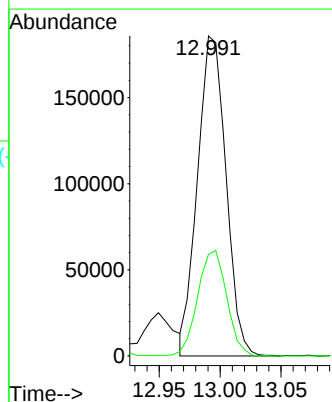
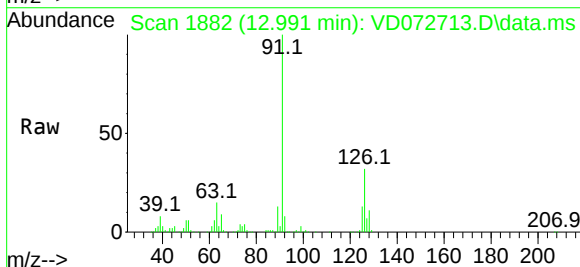
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

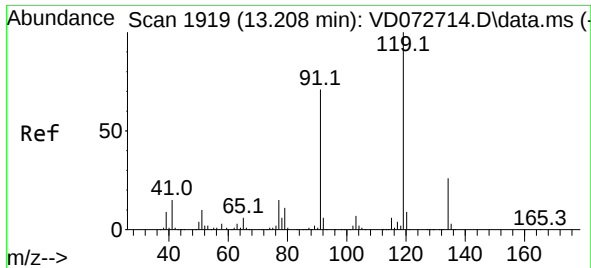
Tgt Ion: 75 Resp: 24589
Ion Ratio Lower Upper
75 100
53 95.9 86.5 129.7
89 45.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 21.287 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 91 Resp: 302274
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5

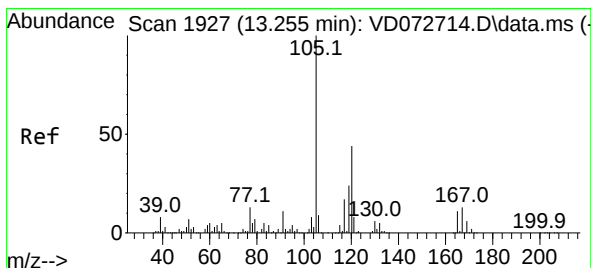
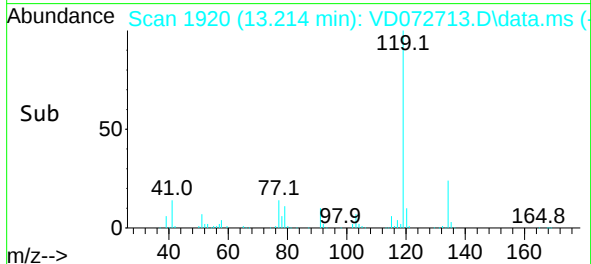
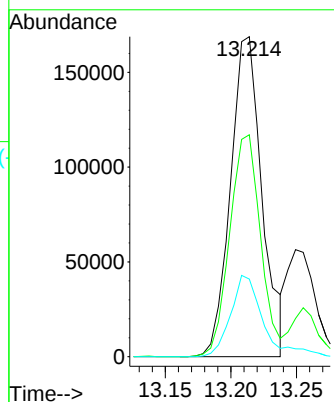
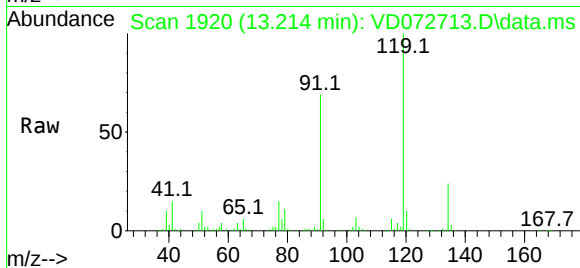




#83
tert-Butylbenzene
Concen: 20.052 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

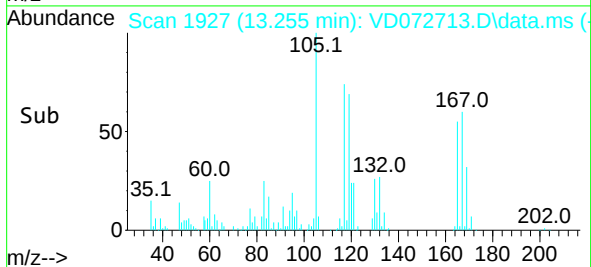
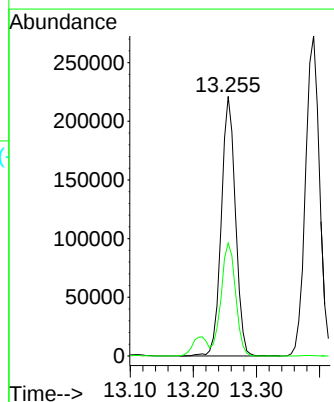
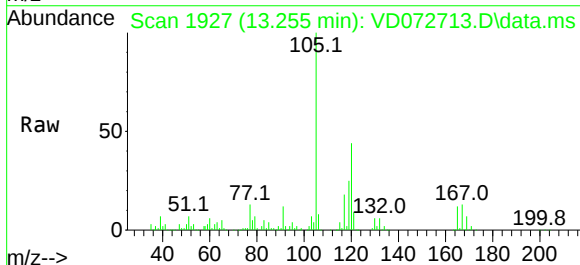
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

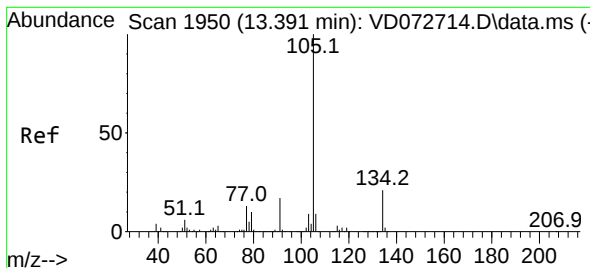
Tgt Ion:119 Resp: 282830
Ion Ratio Lower Upper
119 100
91 67.8 34.8 104.5
134 26.3 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.402 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion:105 Resp: 344653
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.946 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

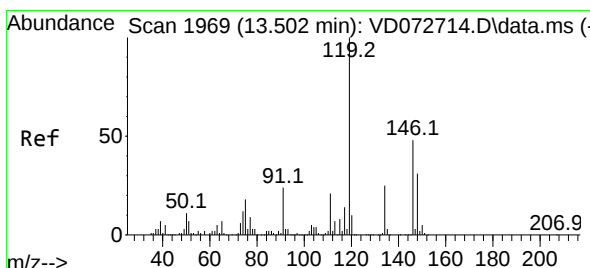
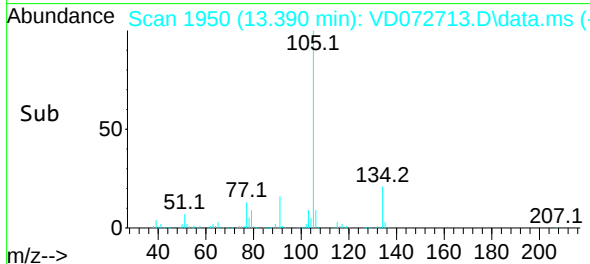
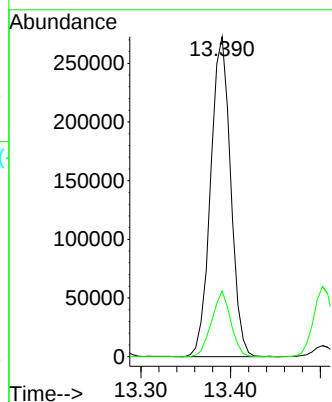
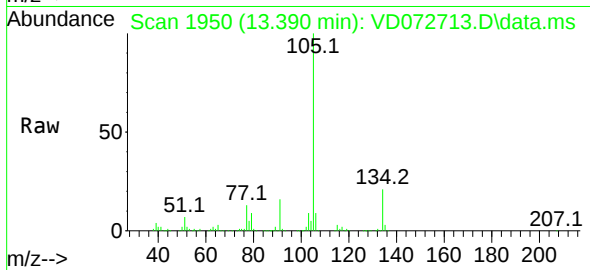
VSTDIC020

Tgt Ion:105 Resp: 422071

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.163 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

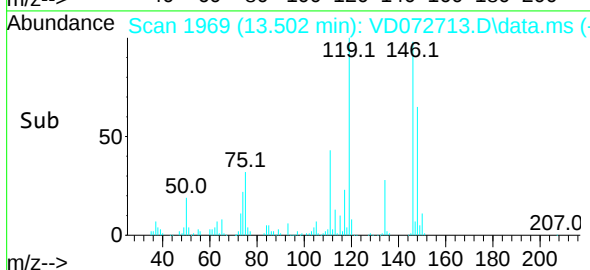
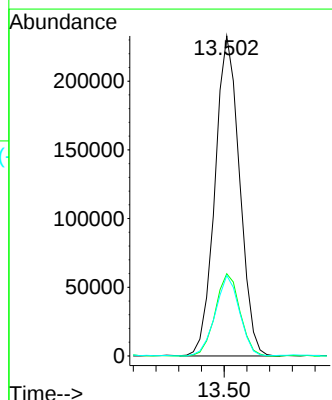
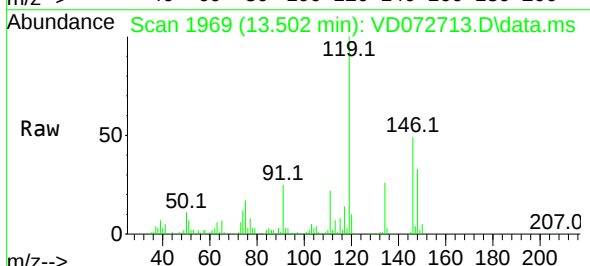
Tgt Ion:119 Resp: 350036

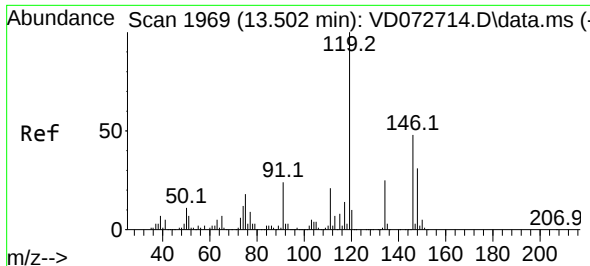
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.5 12.1 36.3

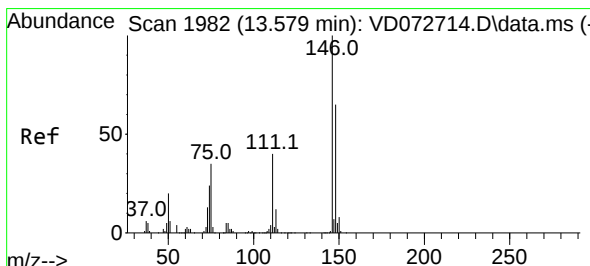
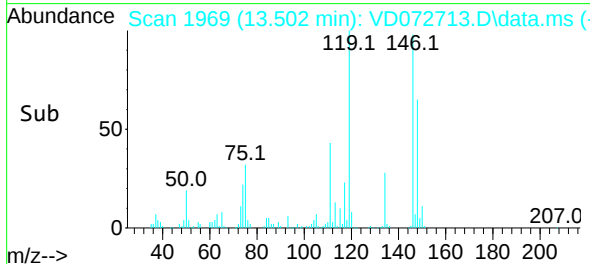
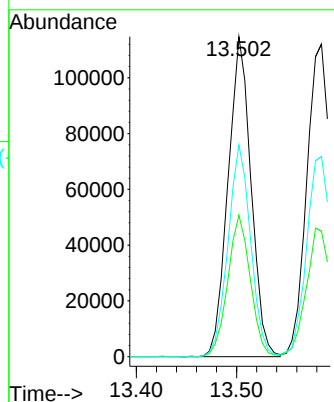
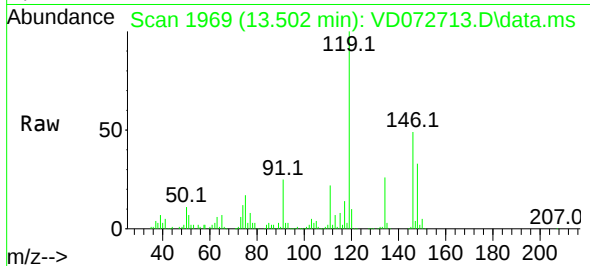




#87
 1,3-Dichlorobenzene
 Concen: 20.410 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD072713.D
 Acq: 27 Apr 2022 13:00

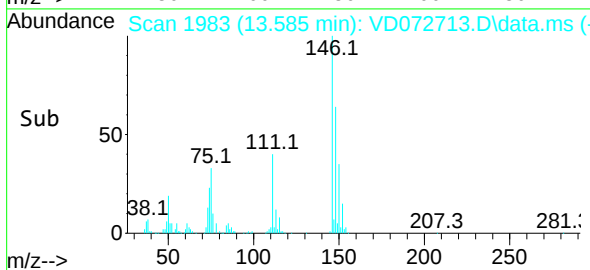
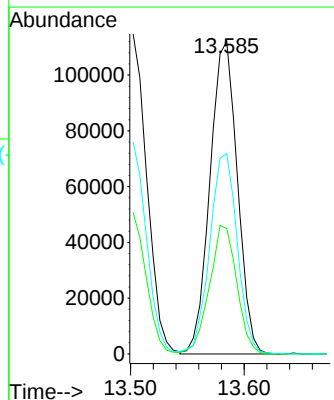
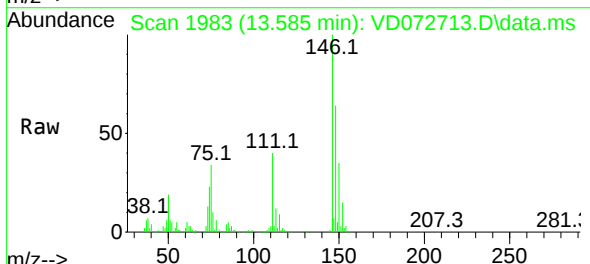
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

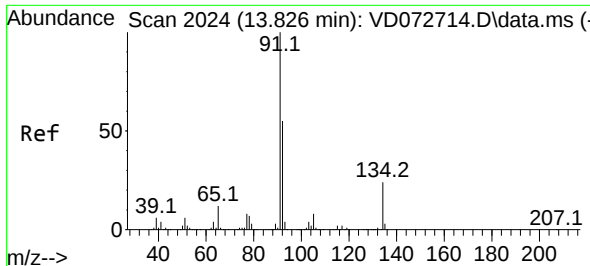
Tgt Ion:146 Resp: 182706
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.4 61.3
 148 65.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.827 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. 0.006 min
 Lab File: VD072713.D
 Acq: 27 Apr 2022 13:00

Tgt Ion:146 Resp: 187840
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 60.9
 148 64.6 31.7 95.1

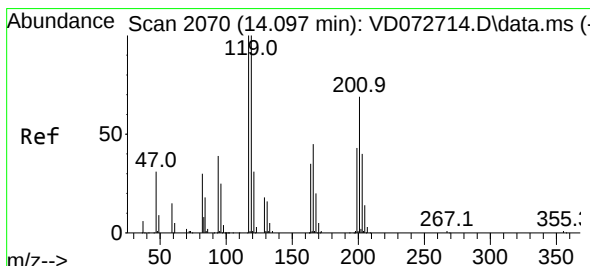
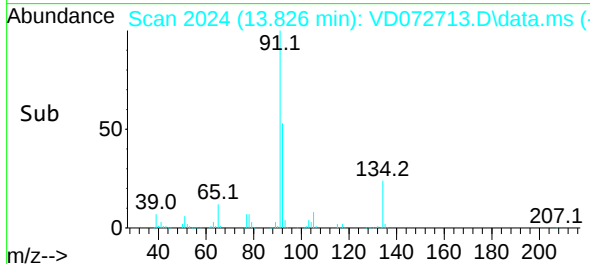
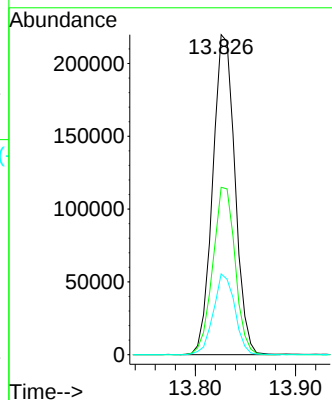
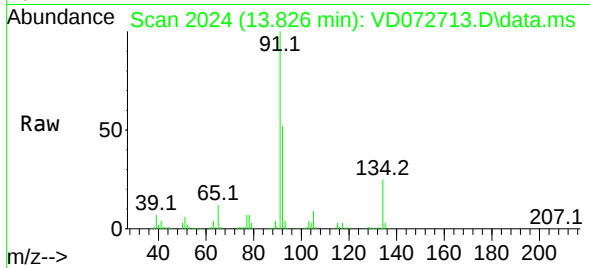




#89
n-Butylbenzene
Concen: 20.472 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

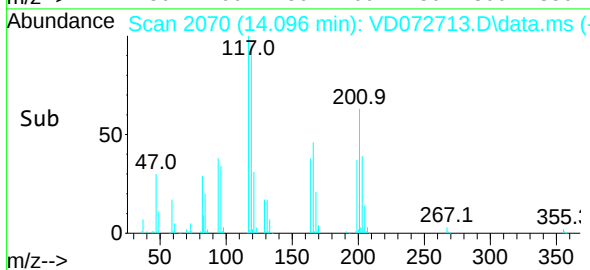
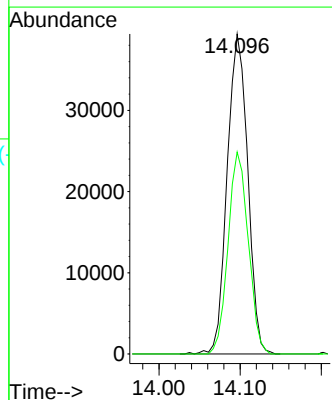
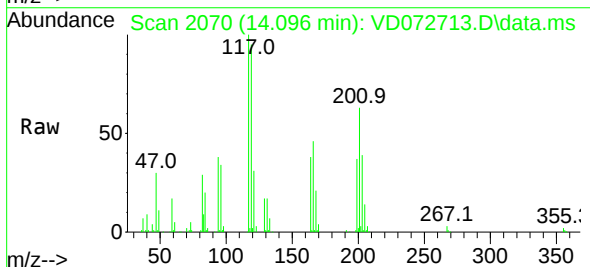
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

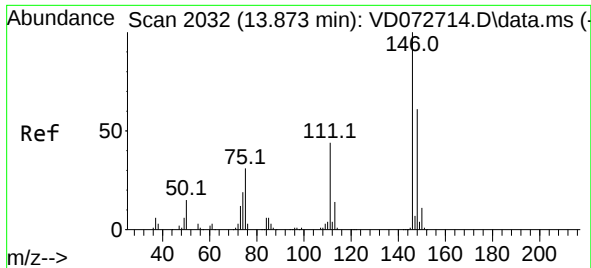
Tgt Ion: 91 Resp: 338912
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.8
134 24.3 12.3 36.9



#90
Hexachloroethane
Concen: 19.411 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072713.D
Acq: 27 Apr 2022 13:00

Tgt Ion: 117 Resp: 69213
Ion Ratio Lower Upper
117 100
201 62.1 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 21.199 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

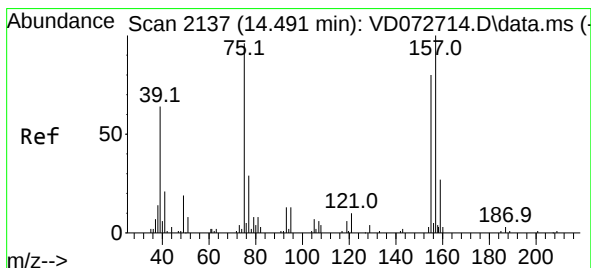
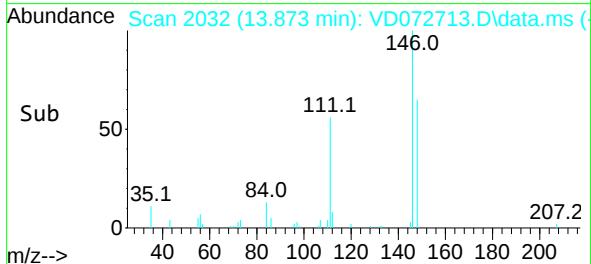
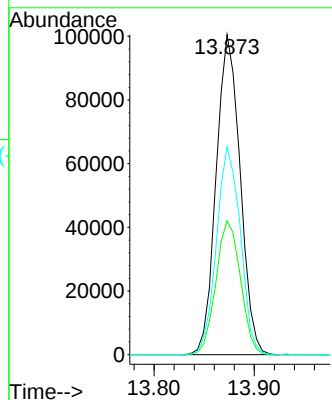
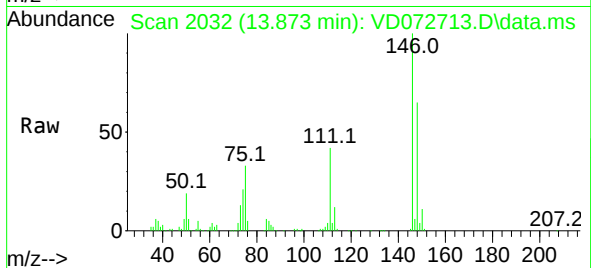
Tgt Ion:146 Resp: 166995

Ion Ratio Lower Upper

146 100

111 42.8 21.1 63.3

148 64.7 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.480 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

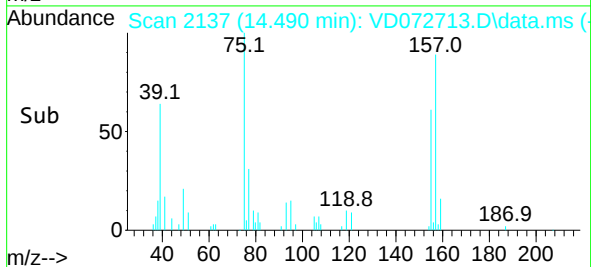
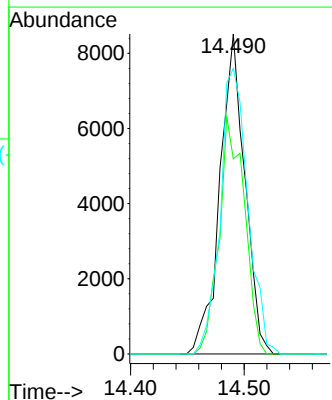
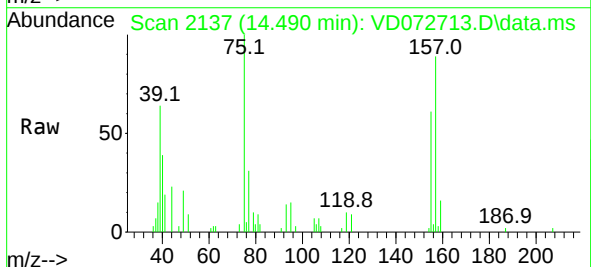
Tgt Ion: 75 Resp: 13037

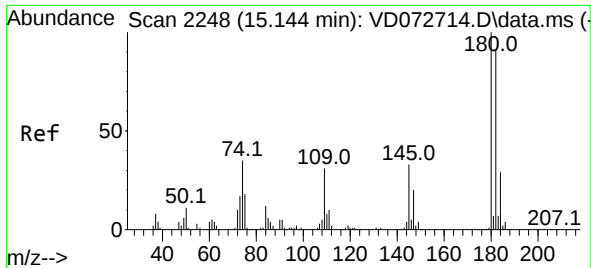
Ion Ratio Lower Upper

75 100

155 74.9 36.8 110.3

157 98.7 48.4 145.0

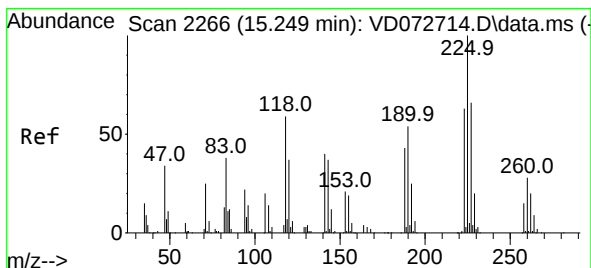
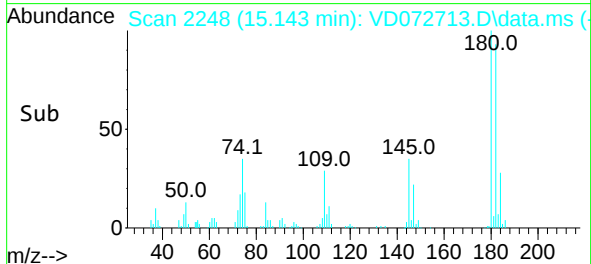
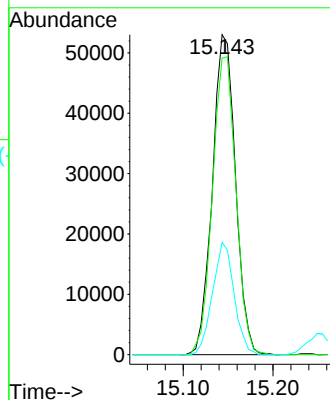
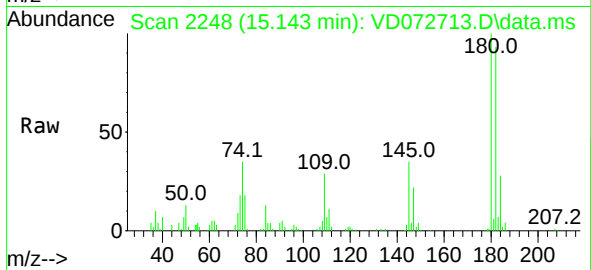




#93
 1,2,4-Trichlorobenzene
 Concen: 19.574 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD072713.D
 Acq: 27 Apr 2022 13:00

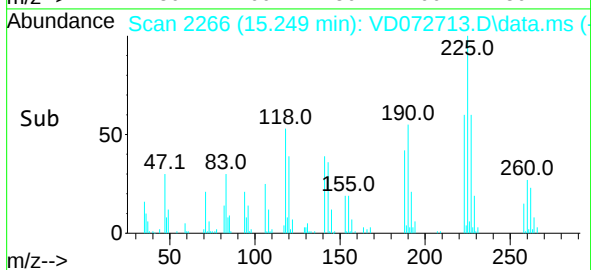
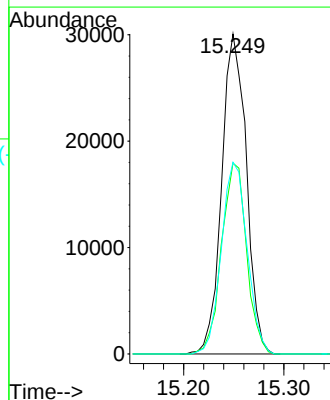
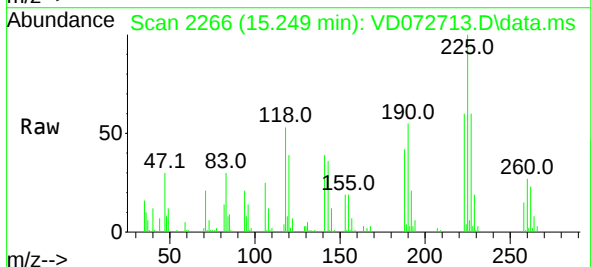
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

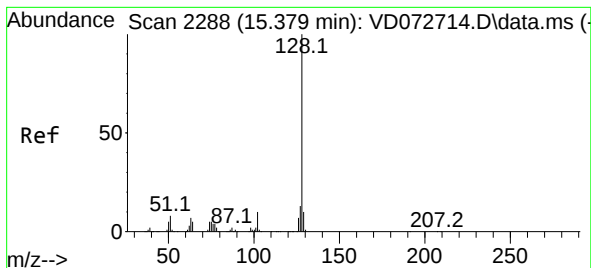
Tgt Ion:180 Resp: 94882
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 142.0
 145 32.8 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 19.074 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: VD072713.D
 Acq: 27 Apr 2022 13:00

Tgt Ion:225 Resp: 51274
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.1 93.2
 227 62.6 32.4 97.0





#95

Naphthalene

Concen: 18.264 ug/l

RT: 15.384 min Scan# 2289

Delta R.T. 0.006 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

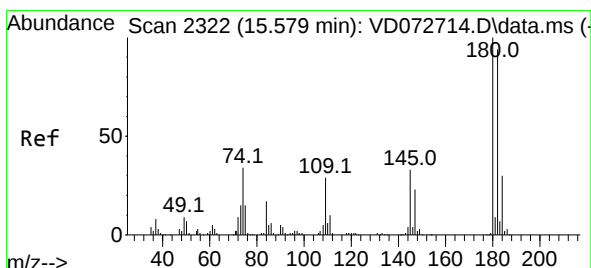
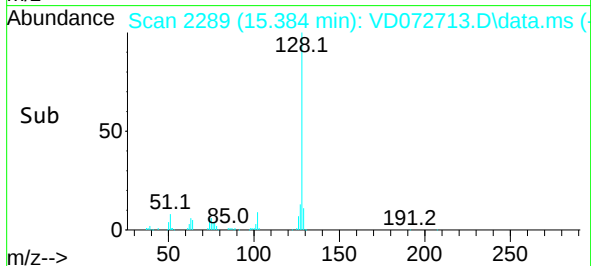
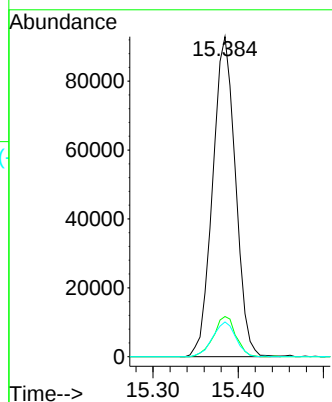
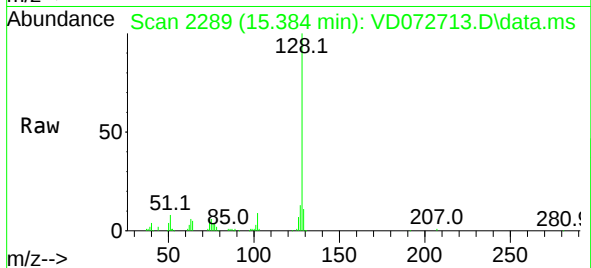
Tgt Ion:128 Resp: 173051

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.100 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VD072713.D

Acq: 27 Apr 2022 13:00

Tgt Ion:180 Resp: 85208

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 34.3 17.1 51.3

