

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076325.D
 Acq On : 05 Jun 2023 14:20
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 06 02:25:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	220502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	364399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	341736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	168067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101319	51.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.560%	
35) Dibromofluoromethane	7.805	113	116332	50.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.560%	
50) Toluene-d8	10.269	98	480988	52.213	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.420%	
62) 4-Bromofluorobenzene	12.575	95	127850	52.443	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	97671	45.740	ug/l	98
3) Chloromethane	2.146	50	196616	47.917	ug/l	100
4) Vinyl Chloride	2.281	62	260031	48.285	ug/l	97
5) Bromomethane	2.681	94	168498	48.225	ug/l	99
6) Chloroethane	2.828	64	179518	49.744	ug/l	98
7) Trichlorofluoromethane	3.170	101	165727	46.350	ug/l	95
8) Diethyl Ether	3.587	74	58667	50.298	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	108977	47.648	ug/l	98
10) Methyl Iodide	4.158	142	172776	54.284	ug/l	99
11) Tert butyl alcohol	5.064	59	27438	248.494	ug/l	99
12) 1,1-Dichloroethene	3.934	96	119918	49.391	ug/l	98
13) Acrolein	3.793	56	59582	248.026	ug/l	99
14) Allyl chloride	4.558	41	120900	50.678	ug/l	98
15) Acrylonitrile	5.258	53	120134	257.933	ug/l	98
16) Acetone	4.022	43	98953	273.447	ug/l	88
17) Carbon Disulfide	4.269	76	398132	49.163	ug/l	98
18) Methyl Acetate	4.558	43	76308	49.725	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	240169	53.692	ug/l	100
20) Methylene Chloride	4.799	84	155250	52.313	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	143718	51.083	ug/l	98
22) Diisopropyl ether	6.216	45	287650	54.217	ug/l	99
23) Vinyl Acetate	6.152	43	567353	281.182	ug/l	100
24) 1,1-Dichloroethane	6.105	63	218186	50.355	ug/l	99
25) 2-Butanone	7.081	43	127323	254.095	ug/l	99
26) 2,2-Dichloropropane	7.075	77	170987	47.655	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	157322	51.763	ug/l	98
28) Bromochloromethane	7.422	49	53947	50.397	ug/l	100
29) Tetrahydrofuran	7.440	42	78522	265.614	ug/l	97
30) Chloroform	7.593	83	231612	50.931	ug/l	95
31) Cyclohexane	7.875	56	156112	47.064	ug/l	100
32) 1,1,1-Trichloroethane	7.787	97	178362	49.253	ug/l	99
36) 1,1-Dichloropropene	8.005	75	168091	50.566	ug/l	99
37) Ethyl Acetate	7.169	43	56441	51.464	ug/l	97
38) Carbon Tetrachloride	7.993	117	144169	49.474	ug/l	96
39) Methylcyclohexane	9.275	83	193455	50.933	ug/l	98
40) Benzene	8.252	78	539048	51.263	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	25596	45.809	ug/l #	75
42) 1,2-Dichloroethane	8.322	62	123860	51.000	ug/l	100
43) Isopropyl Acetate	8.357	43	101413	51.596	ug/l	100
44) Trichloroethene	9.028	130	149745	50.929	ug/l	94
45) 1,2-Dichloropropane	9.304	63	128131	51.918	ug/l	99
46) Dibromomethane	9.393	93	72190	51.675	ug/l	99
47) Bromodichloromethane	9.581	83	172980	52.819	ug/l	99
48) Methyl methacrylate	9.381	41	49333	55.404	ug/l	92
49) 1,4-Dioxane	9.381	88	16815	1098.202	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	270752	261.336	ug/l	99
52) Toluene	10.334	92	342873	53.022	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	157295	51.753	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	197780	52.658	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	99312	50.207	ug/l	95
56) Ethyl methacrylate	10.599	69	109290	54.173	ug/l	98
57) 1,3-Dichloropropane	10.881	76	164191	52.262	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	217316	256.557	ug/l	100
59) 2-Hexanone	10.922	43	189355	266.386	ug/l	100
60) Dibromochloromethane	11.075	129	115337	51.437	ug/l	96
61) 1,2-Dibromoethane	11.175	107	93268	51.819	ug/l	99
64) Tetrachloroethene	10.810	164	121244	49.532	ug/l	96
65) Chlorobenzene	11.610	112	362495	49.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	123948	50.419	ug/l	99
67) Ethyl Benzene	11.687	91	612120	51.875	ug/l	99
68) m/p-Xylenes	11.793	106	511695	104.902	ug/l	99
69) o-Xylene	12.122	106	231949	52.741	ug/l	100
70) Styrene	12.134	104	401733	53.266	ug/l	99
71) Bromoform	12.298	173	68439	51.602	ug/l #	99
73) Isopropylbenzene	12.422	105	567079	52.706	ug/l	98
74) N-amyl acetate	12.234	43	96439	52.270	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	109645	50.907	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	127903	78.494	ug/l #	100
77) Bromobenzene	12.704	156	150745	53.287	ug/l	98
78) n-propylbenzene	12.763	91	699392	52.577	ug/l	99
79) 2-Chlorotoluene	12.851	91	374611	51.628	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	471936	53.193	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	33642	51.359	ug/l	95
82) 4-Chlorotoluene	12.945	91	399676	51.733	ug/l	99
83) tert-Butylbenzene	13.169	119	387328	52.061	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	476725	53.801	ug/l	100
85) sec-Butylbenzene	13.345	105	591188	51.661	ug/l	99
86) p-Isopropyltoluene	13.463	119	496655	52.360	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	293873	51.531	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	289771	50.184	ug/l	99
89) n-Butylbenzene	13.787	91	449163	50.947	ug/l	99
90) Hexachloroethane	14.051	117	92966	48.814	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	257090	51.925	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14277	50.178	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	151800	52.750	ug/l	98
94) Hexachlorobutadiene	15.204	225	69147	49.145	ug/l	99
95) Naphthalene	15.334	128	289007	48.256	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	136603	53.677	ug/l	99

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QLast Update : Tue Jun 06 02:19:25 2023
Response via : Initial Calibration

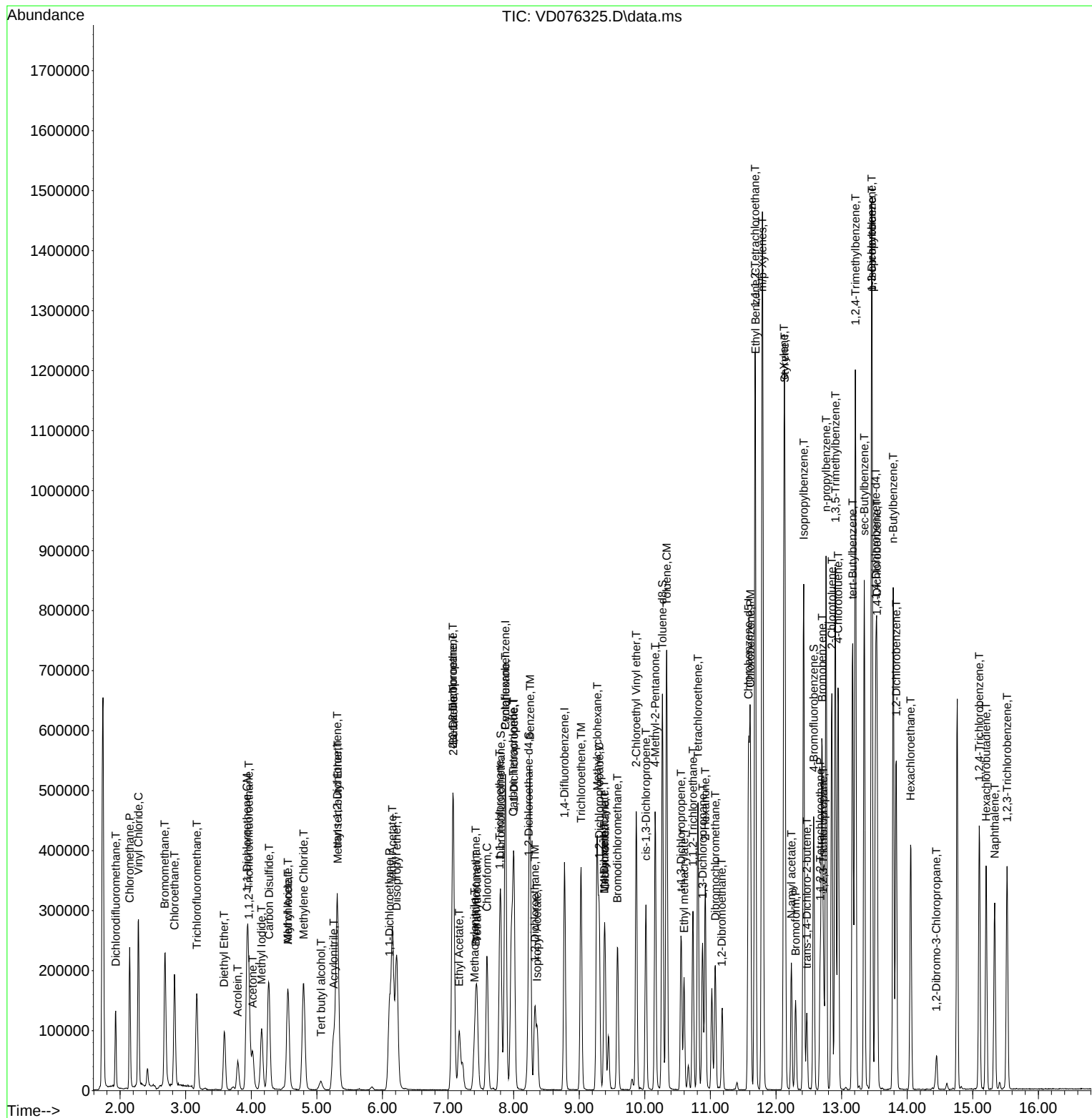
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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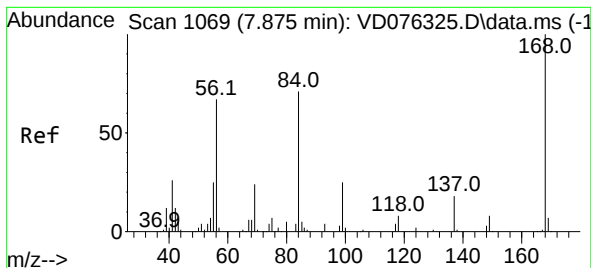
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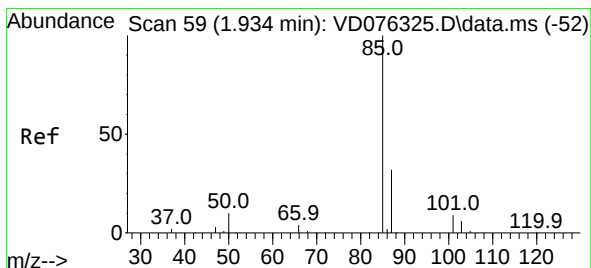
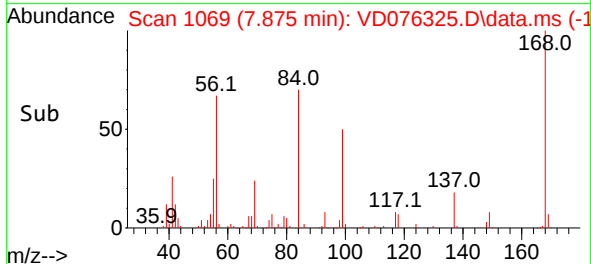
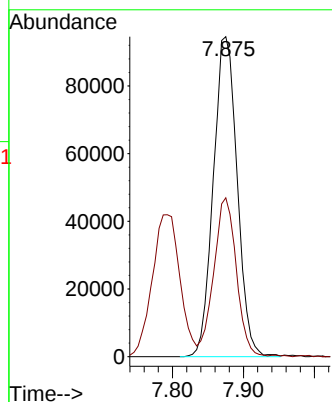
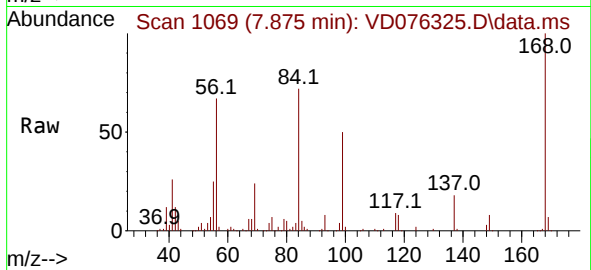




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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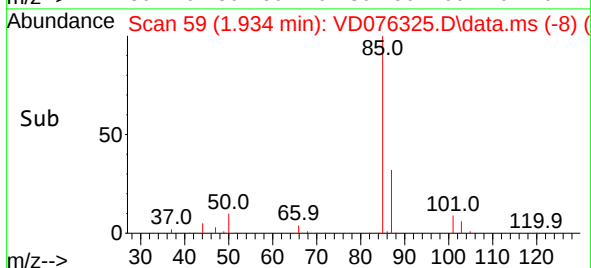
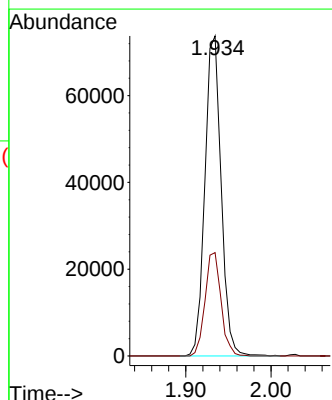
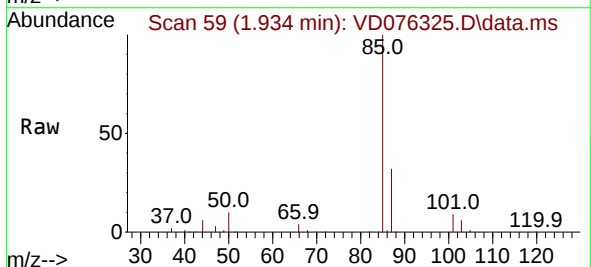
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

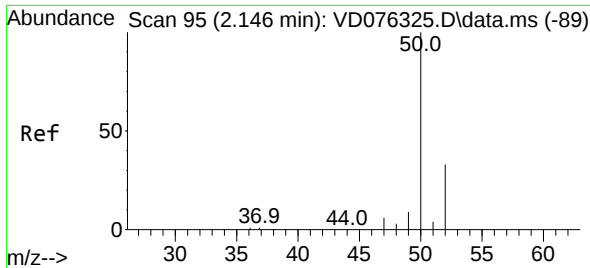
Tgt Ion:168 Resp: 220502
Ion Ratio Lower Upper
168 100
99 49.4 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 45.740 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 85 Resp: 97671
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0

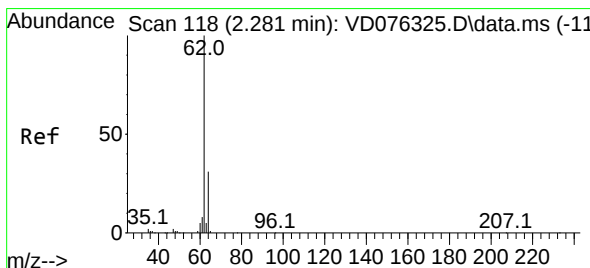
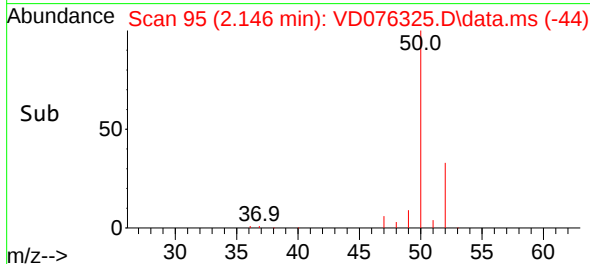
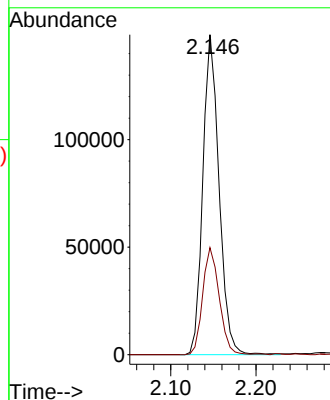
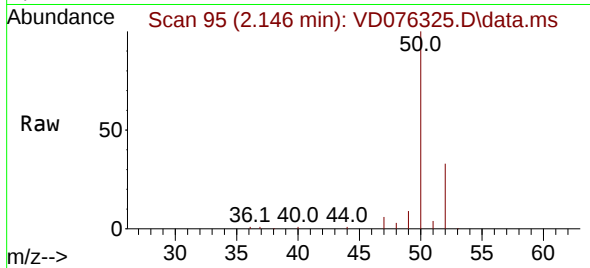




#3
Chloromethane
Concen: 47.917 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

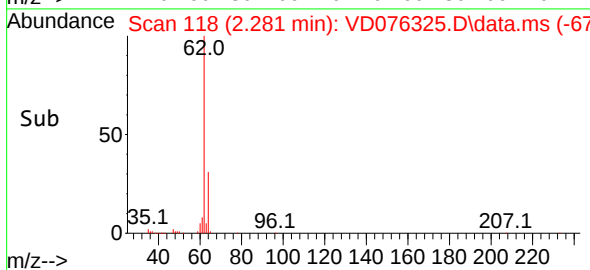
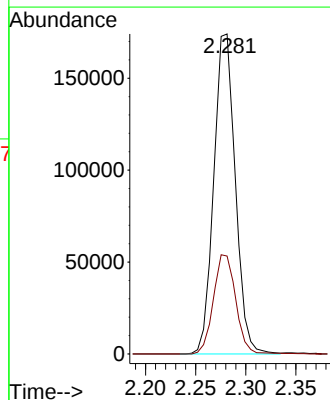
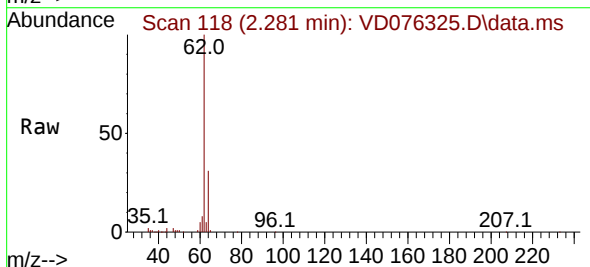
Instrument :
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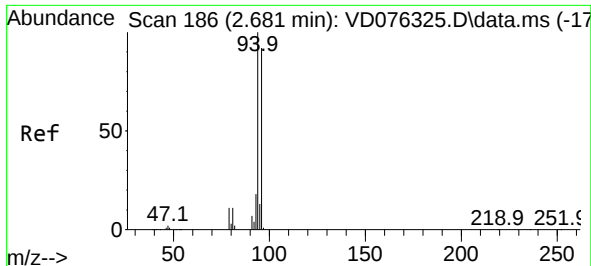
Tgt Ion: 50 Resp: 196616
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 48.285 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 62 Resp: 260031
Ion Ratio Lower Upper
62 100
64 30.6 26.0 39.0

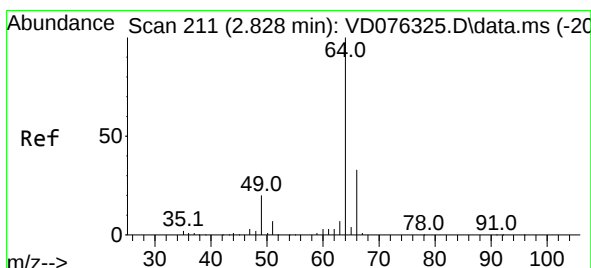
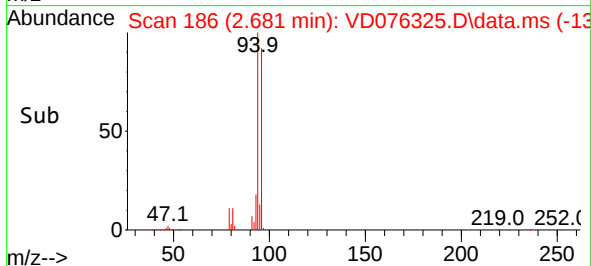
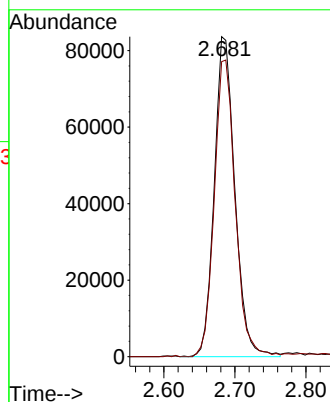
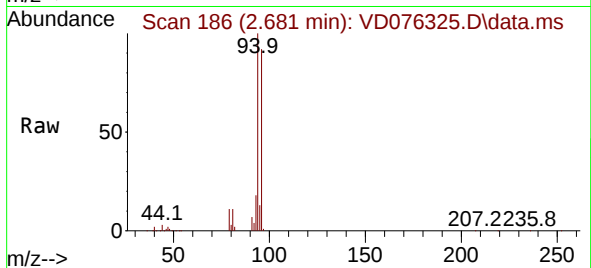




#5
Bromomethane
Concen: 48.225 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076325.D
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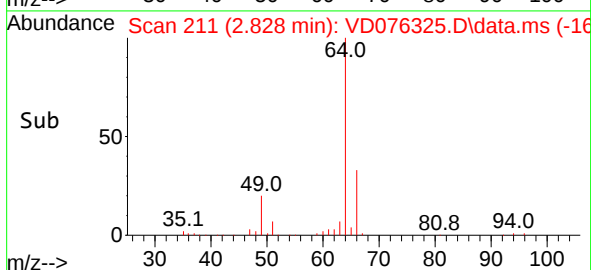
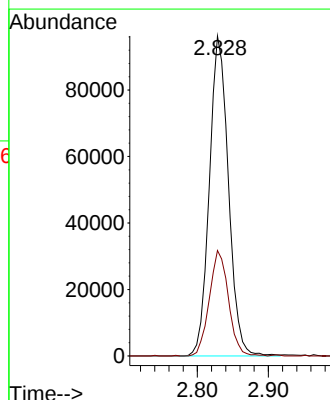
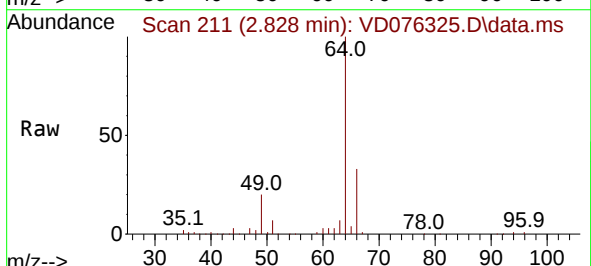
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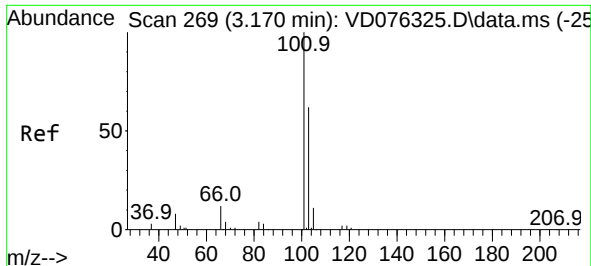
Tgt Ion: 94 Resp: 168498
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.8



#6
Chloroethane
Concen: 49.744 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 179518
Ion Ratio Lower Upper
64 100
66 32.9 25.5 38.3

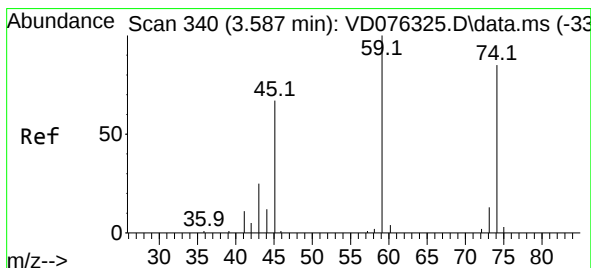
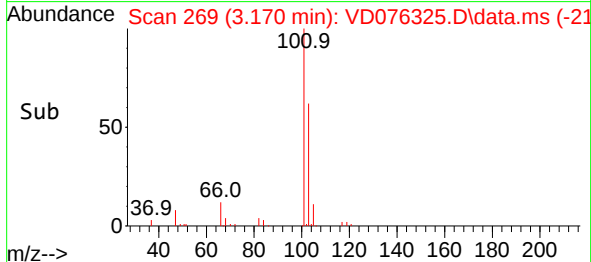
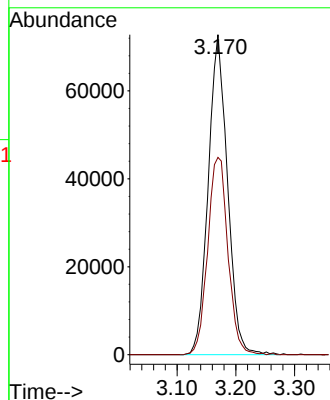
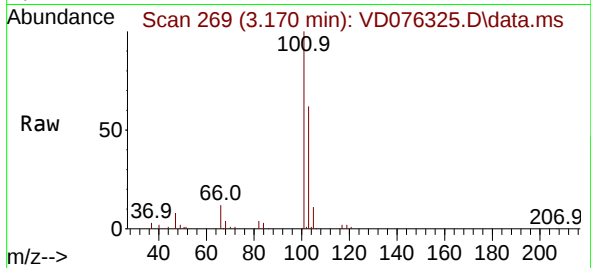




#7
 Trichlorofluoromethane
 Concen: 46.350 ug/l
 RT: 3.170 min Scan# 269
 Delta R.T. 0.000 min
 Lab File: VD076325.D
 Acq: 05 Jun 2023 14:20

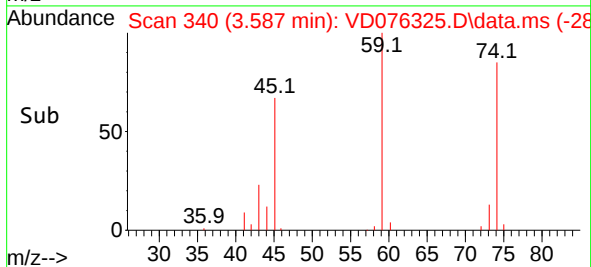
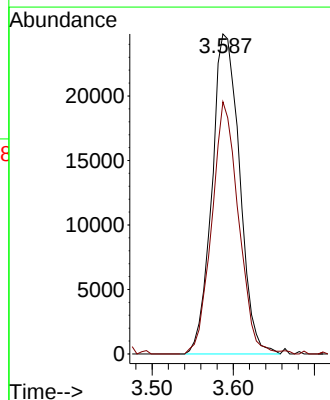
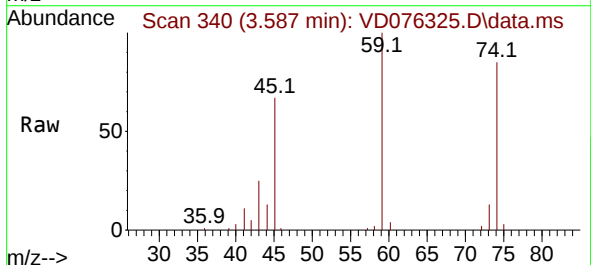
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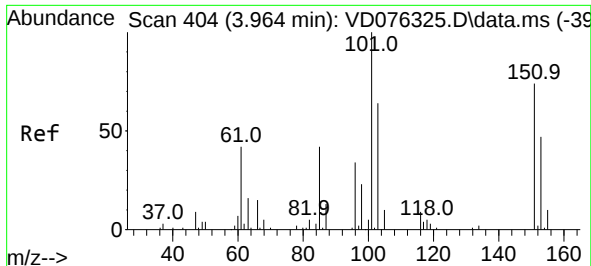
Tgt Ion:101 Resp: 165727
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 50.298 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
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 Acq: 05 Jun 2023 14:20

Tgt Ion: 74 Resp: 58667
 Ion Ratio Lower Upper
 74 100
 45 76.3 37.5 112.7

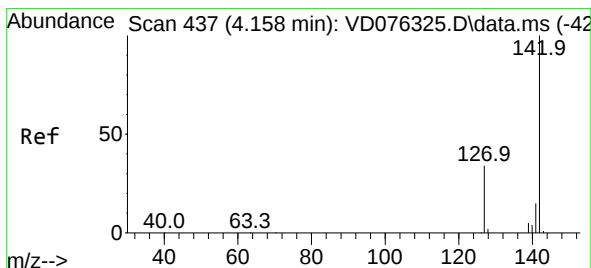
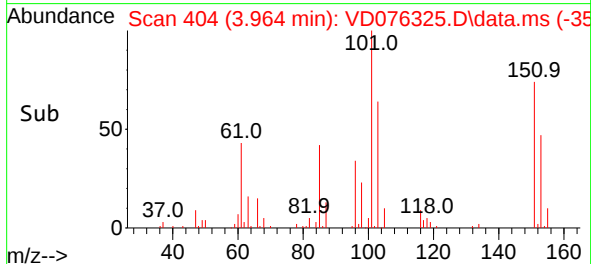
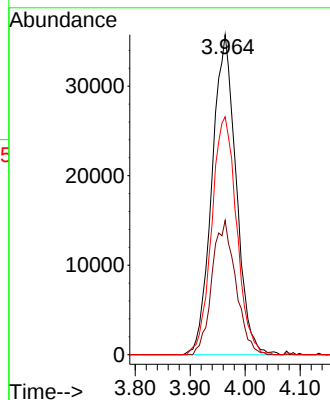
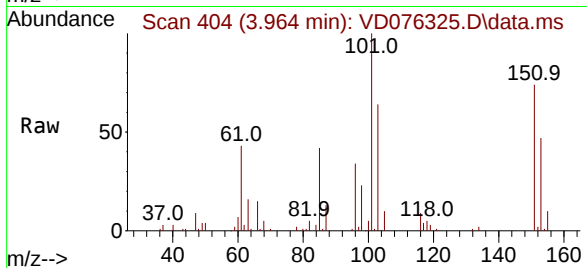




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.648 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

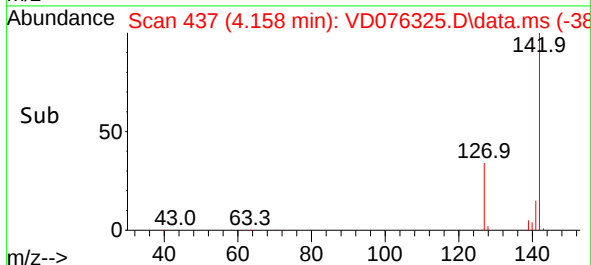
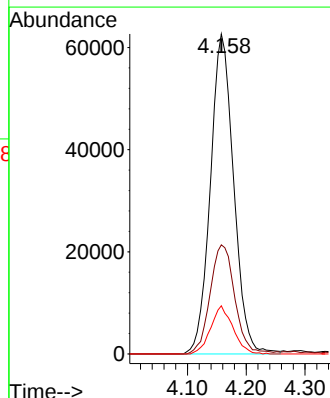
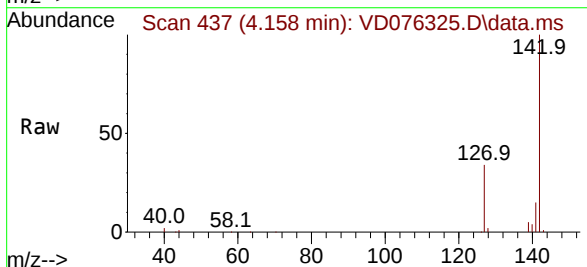
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

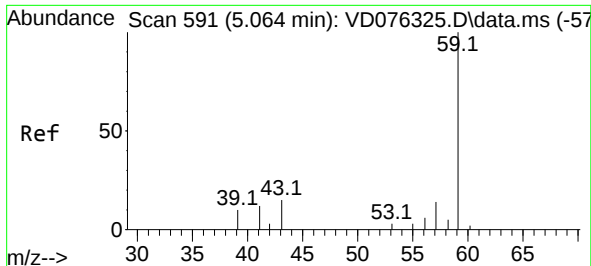
Tgt Ion:101 Resp: 108977
Ion Ratio Lower Upper
101 100
85 41.3 33.8 50.6
151 76.8 59.8 89.6



#10
Methyl Iodide
Concen: 54.284 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion:142 Resp: 172776
Ion Ratio Lower Upper
142 100
127 36.1 29.4 44.0
141 14.4 11.1 16.7

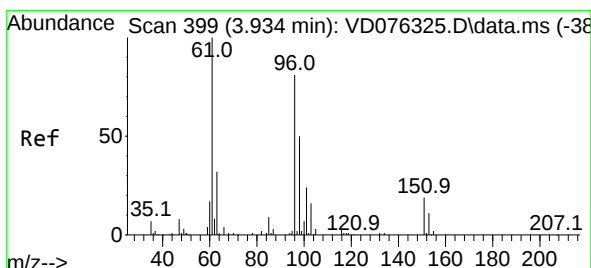
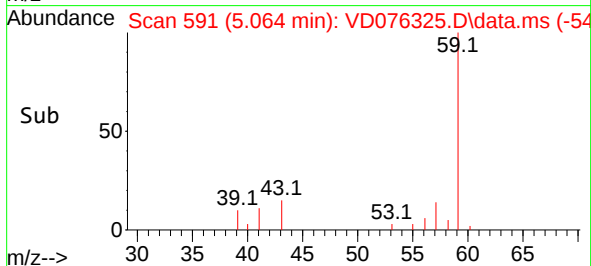
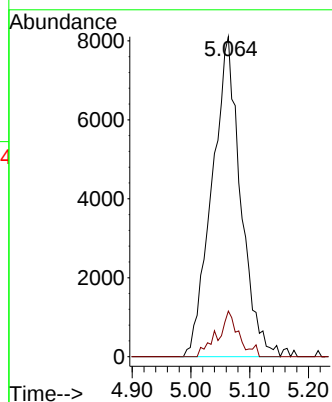
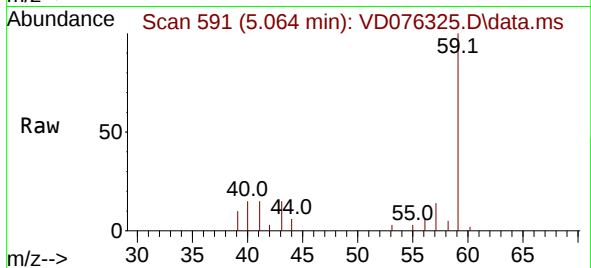




#11
Tert butyl alcohol
Concen: 248.494 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

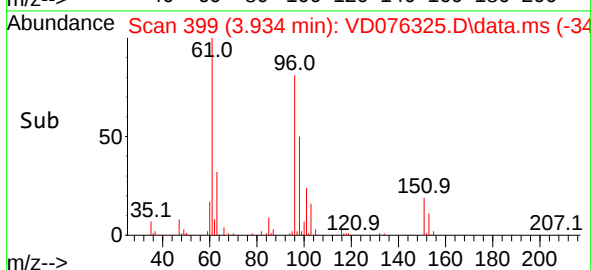
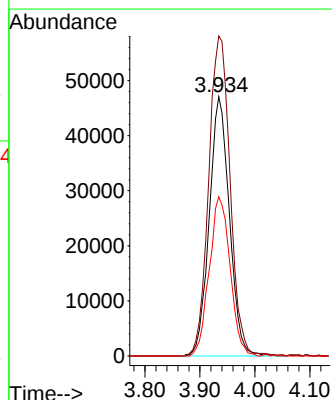
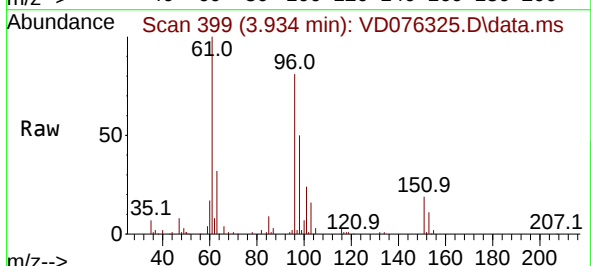
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

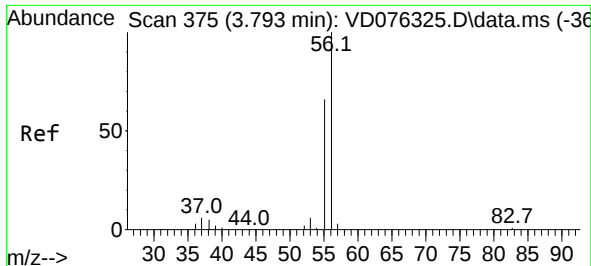
Tgt Ion: 59 Resp: 27438
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 49.391 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 96 Resp: 119918
Ion Ratio Lower Upper
96 100
61 123.5 100.6 150.8
98 61.4 50.2 75.2





#13

Acrolein

Concen: 248.026 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

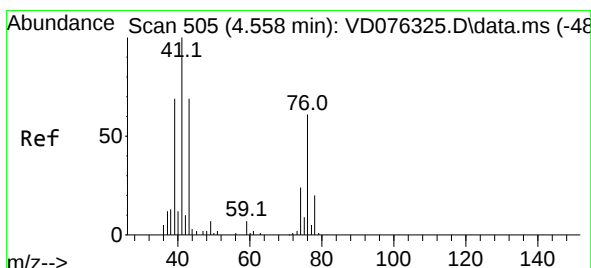
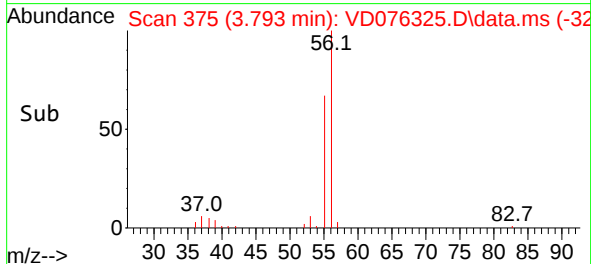
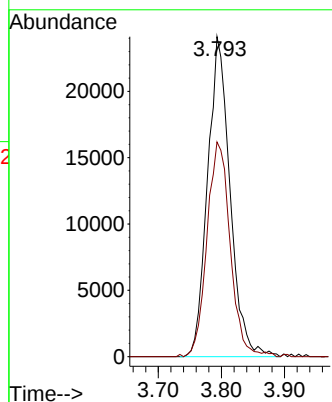
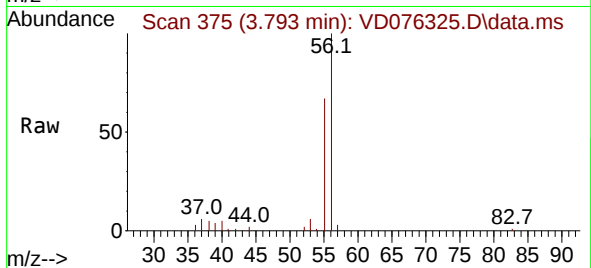
VSTDICCC050

Tgt Ion: 56 Resp: 59582

Ion Ratio Lower Upper

56 100

55 69.4 55.1 82.7



#14

Allyl chloride

Concen: 50.678 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

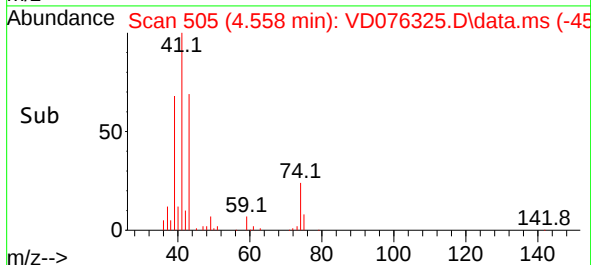
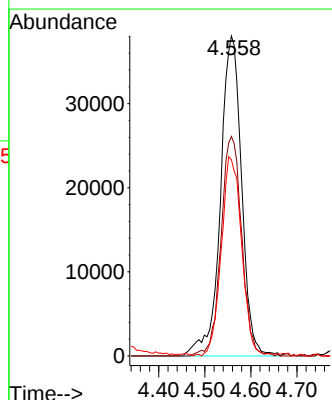
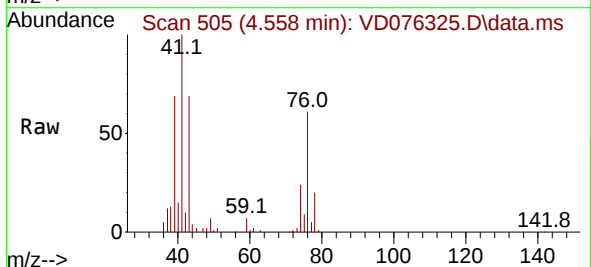
Tgt Ion: 41 Resp: 120900

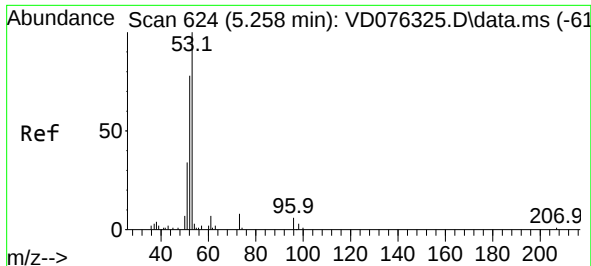
Ion Ratio Lower Upper

41 100

39 67.2 53.8 80.6

76 60.0 45.8 68.8

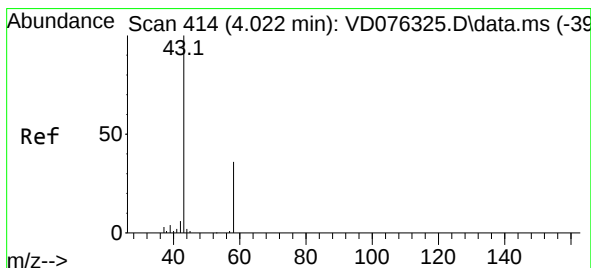
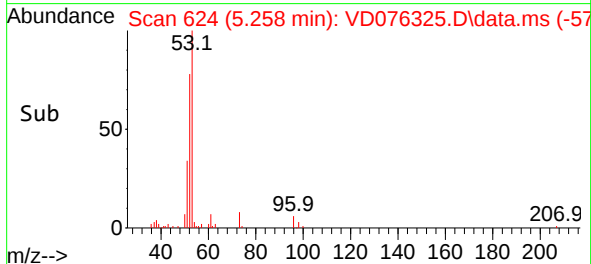
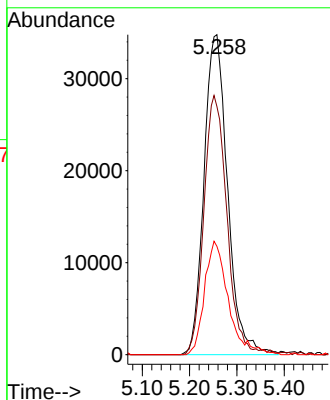
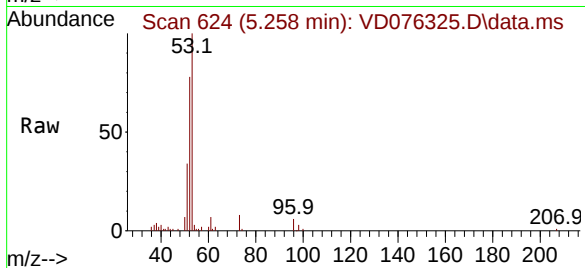




#15
Acrylonitrile
Concen: 257.933 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

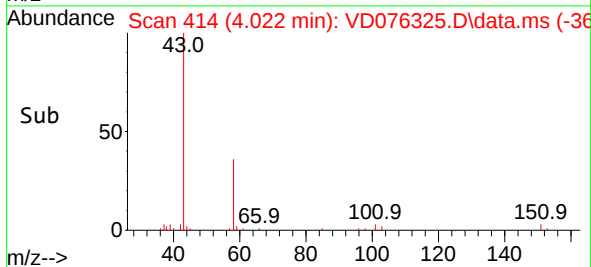
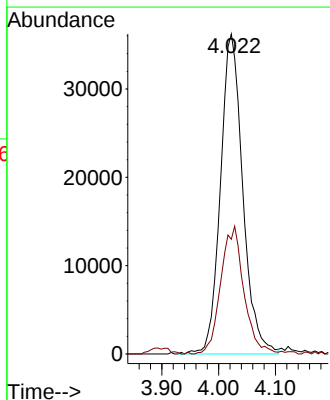
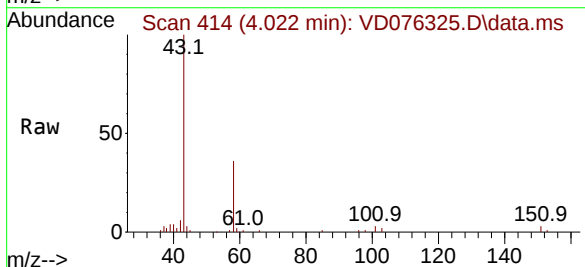
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

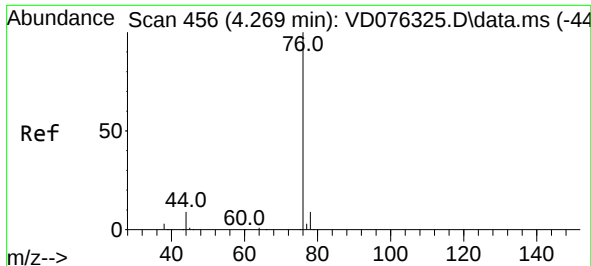
Tgt Ion: 53 Resp: 120134
Ion Ratio Lower Upper
53 100
52 79.1 65.0 97.4
51 35.8 28.3 42.5



#16
Acetone
Concen: 273.447 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 43 Resp: 98953
Ion Ratio Lower Upper
43 100
58 35.4 34.7 52.1

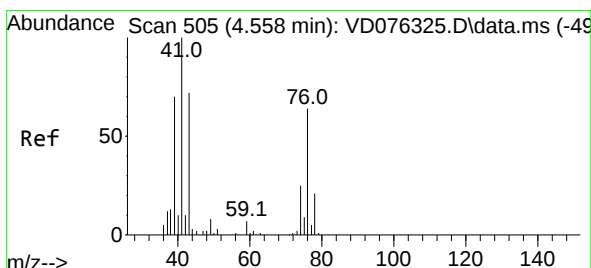
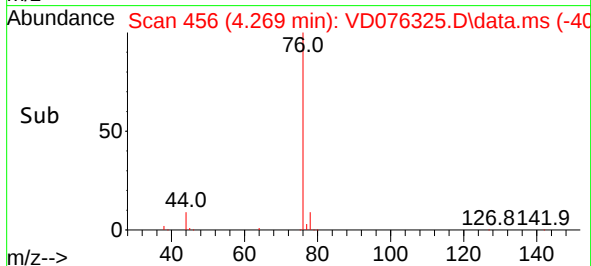
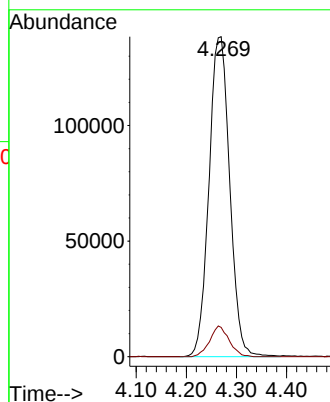
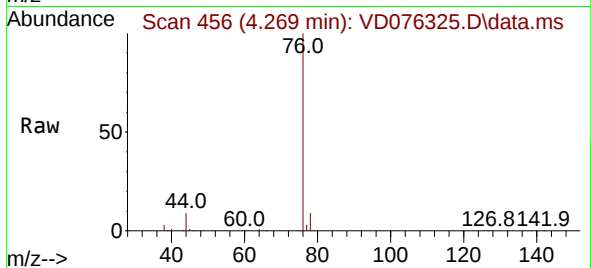




#17
Carbon Disulfide
Concen: 49.163 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

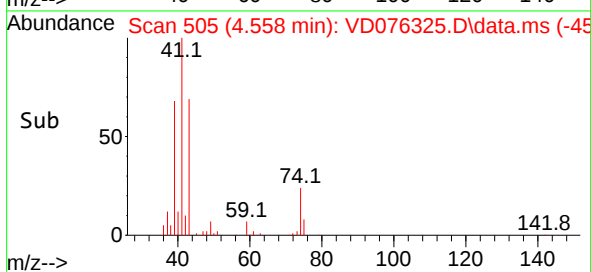
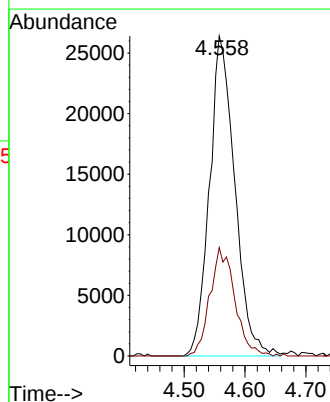
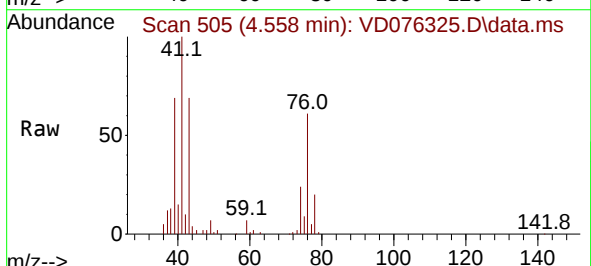
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

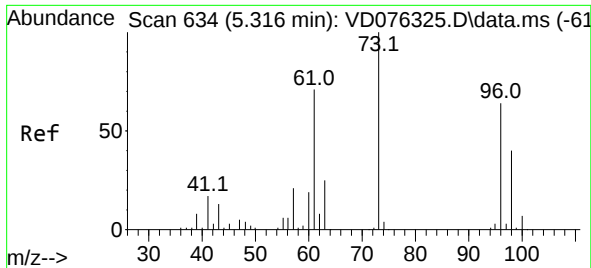
Tgt Ion: 76 Resp: 398132
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 49.725 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 43 Resp: 76308
Ion Ratio Lower Upper
43 100
74 33.2 26.4 39.6

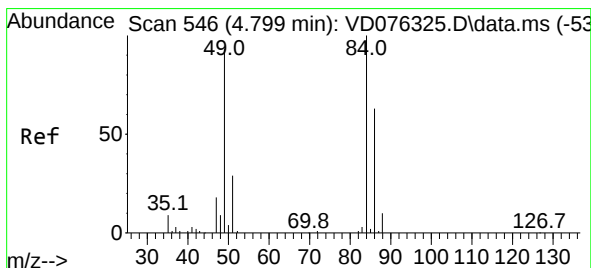
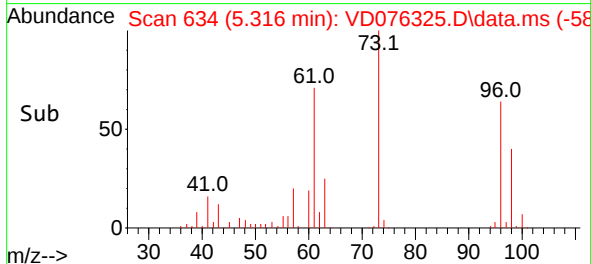
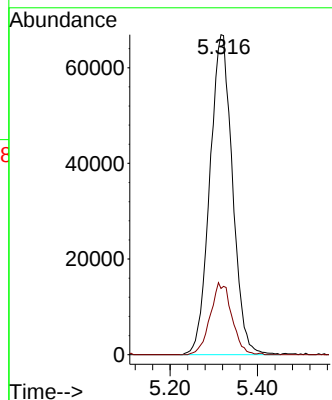
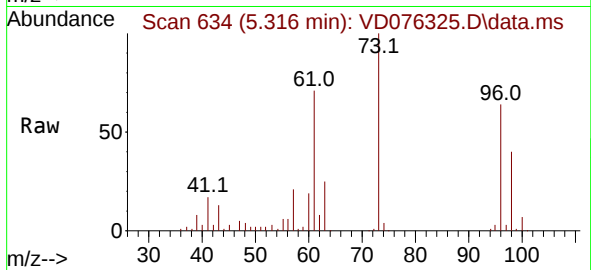




#19
Methyl tert-butyl Ether
Concen: 53.692 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

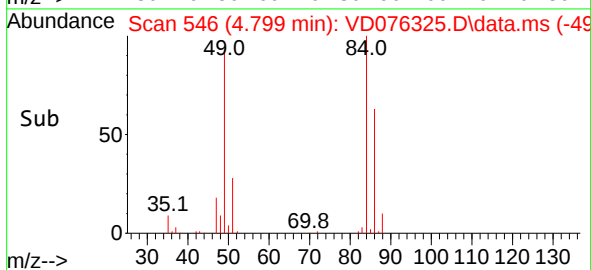
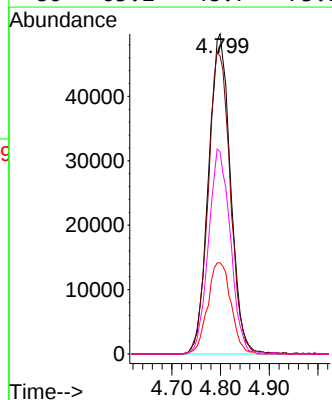
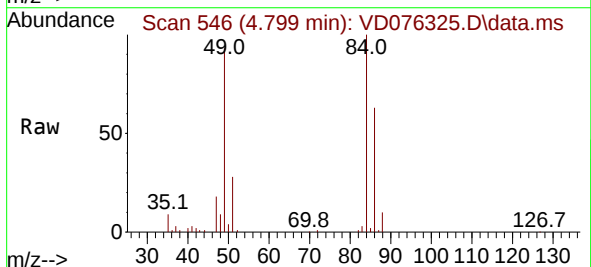
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

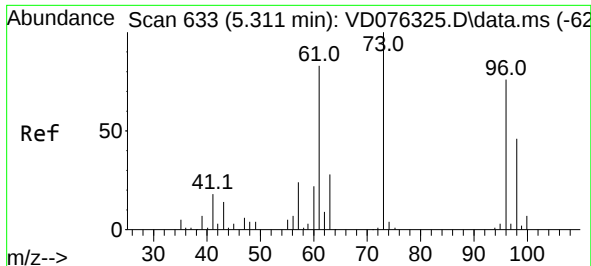
Tgt Ion: 73 Resp: 240169
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0



#20
Methylene Chloride
Concen: 52.313 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 84 Resp: 155250
Ion Ratio Lower Upper
84 100
49 93.1 71.4 107.2
51 28.5 24.5 36.7
86 63.2 48.7 73.1

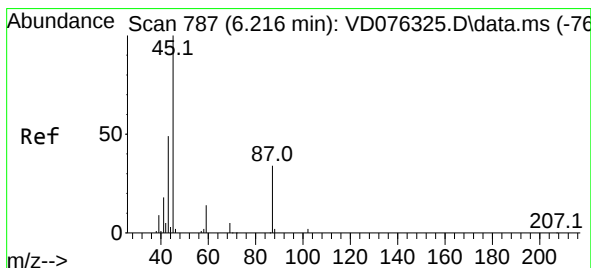
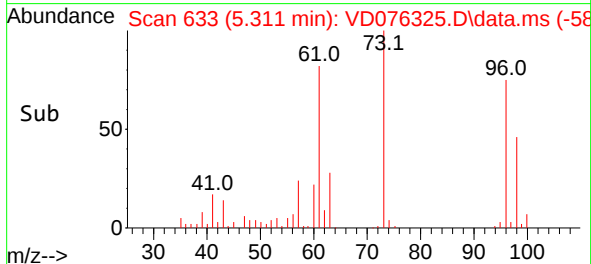
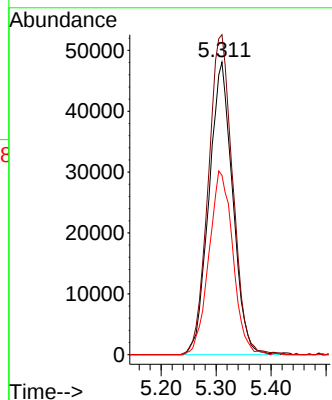
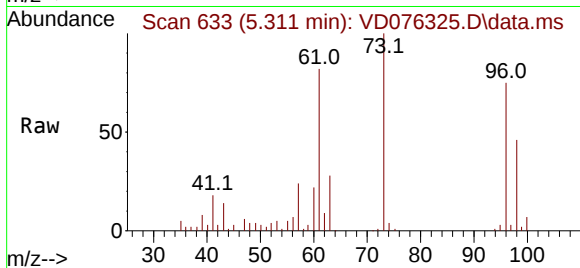




#21
trans-1,2-Dichloroethene
Concen: 51.083 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

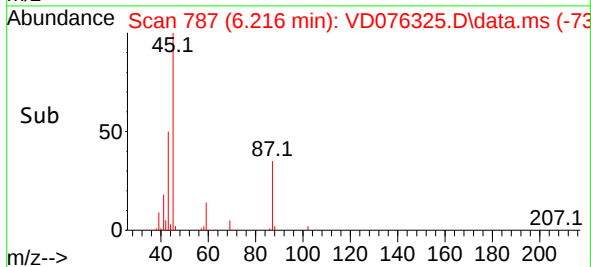
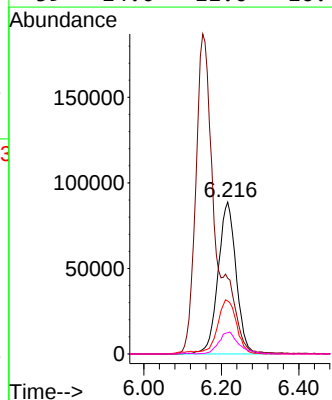
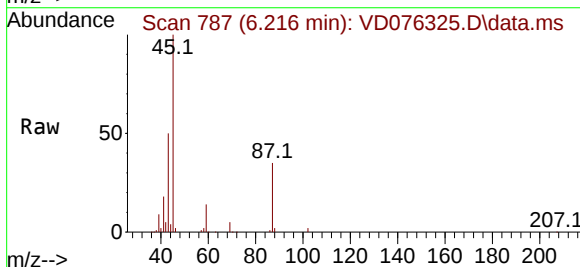
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

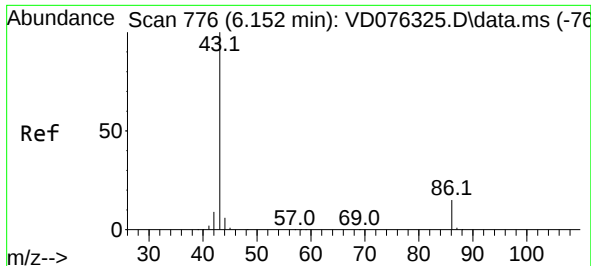
Tgt Ion: 96 Resp: 143718
Ion Ratio Lower Upper
96 100
61 109.4 89.3 133.9
98 61.3 48.6 73.0



#22
Diisopropyl ether
Concen: 54.217 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 45 Resp: 287650
Ion Ratio Lower Upper
45 100
43 49.1 40.0 60.0
87 34.8 28.2 42.4
59 14.0 11.0 16.4

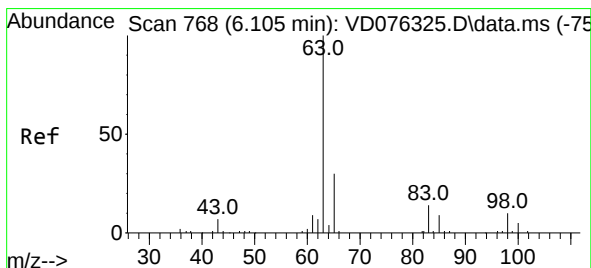
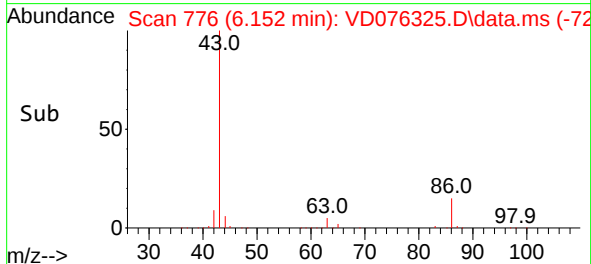
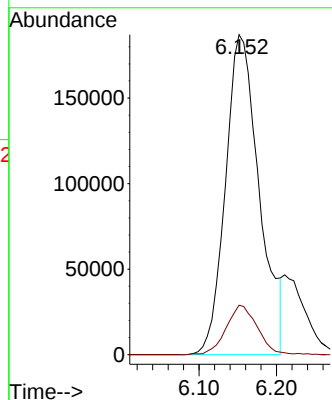
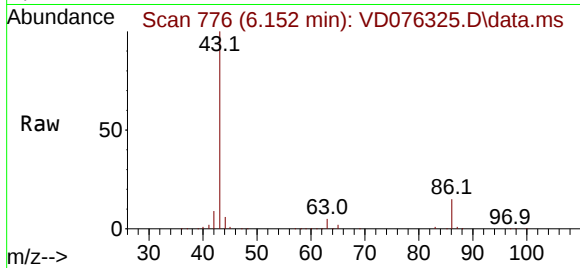




#23
 Vinyl Acetate
 Concen: 281.182 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD076325.D
 Acq: 05 Jun 2023 14:20

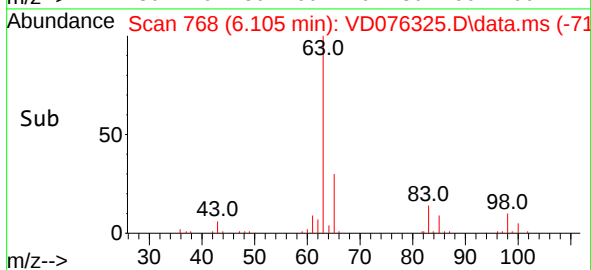
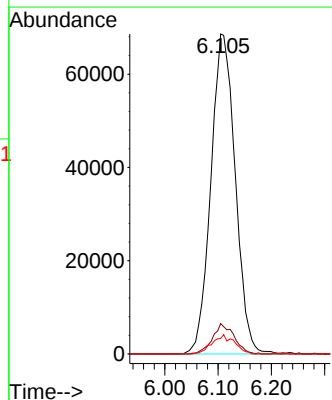
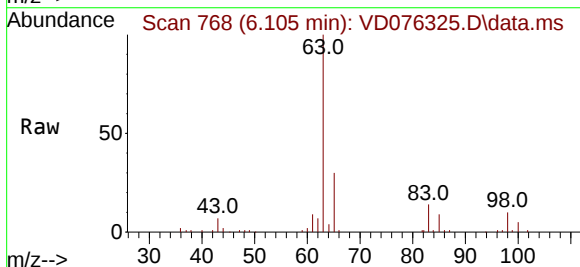
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

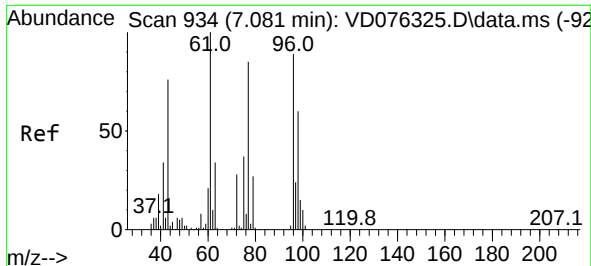
Tgt Ion: 43 Resp: 567353
 Ion Ratio Lower Upper
 43 100
 86 15.4 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 50.355 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD076325.D
 Acq: 05 Jun 2023 14:20

Tgt Ion: 63 Resp: 218186
 Ion Ratio Lower Upper
 63 100
 98 9.5 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 254.095 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

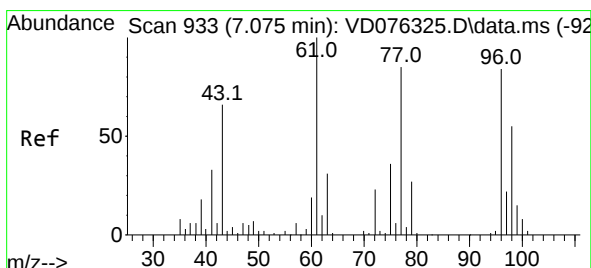
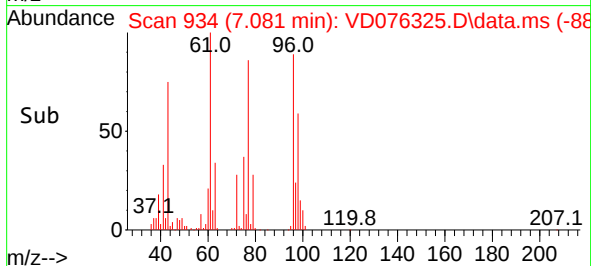
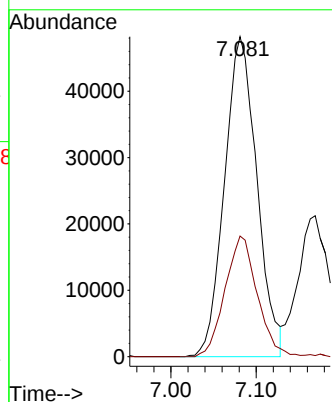
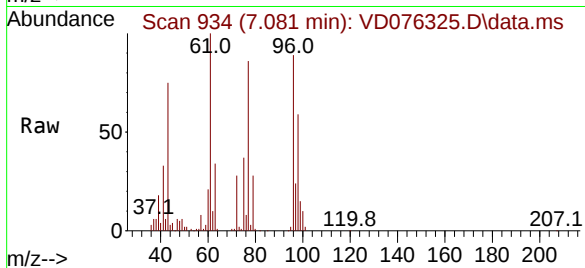
VSTDICCC050

Tgt Ion: 43 Resp: 127323

Ion Ratio Lower Upper

43 100

72 37.7 30.7 46.1



#26

2,2-Dichloropropane

Concen: 47.655 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076325.D

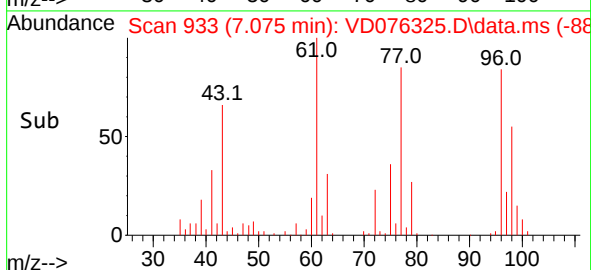
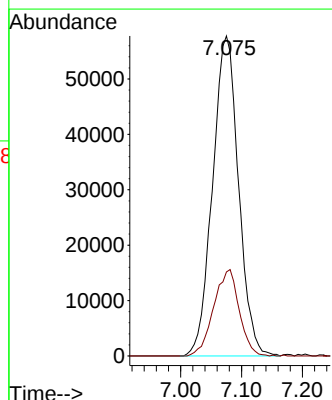
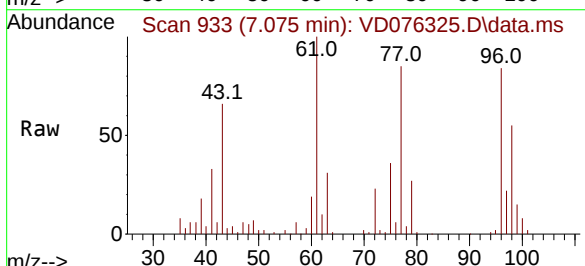
Acq: 05 Jun 2023 14:20

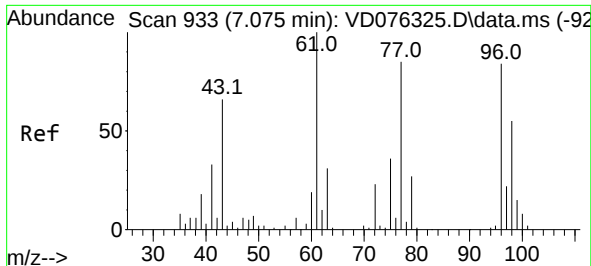
Tgt Ion: 77 Resp: 170987

Ion Ratio Lower Upper

77 100

97 26.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 51.763 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

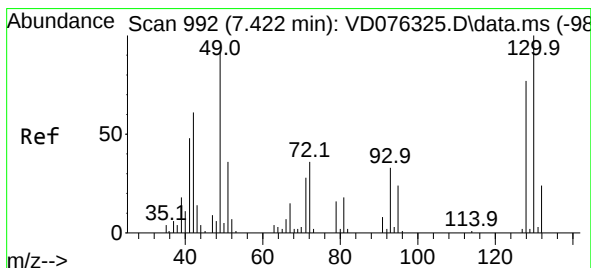
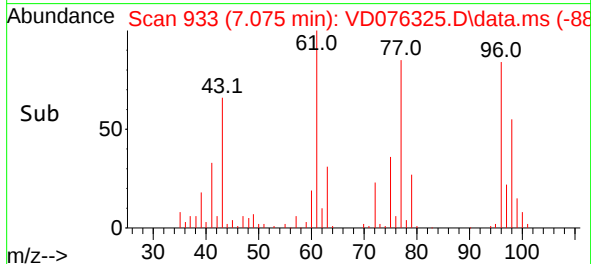
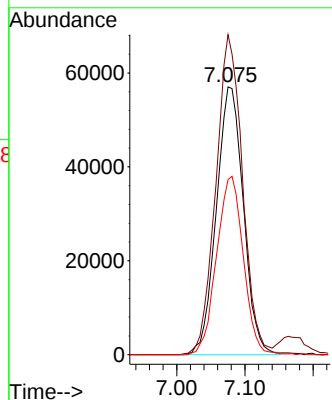
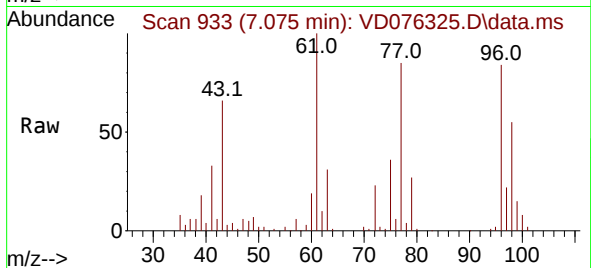
Tgt Ion: 96 Resp: 157322

Ion Ratio Lower Upper

96 100

61 117.9 0.0 239.2

98 65.9 0.0 128.6



#28

Bromochloromethane

Concen: 50.397 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

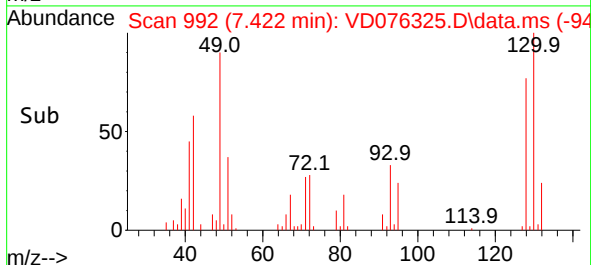
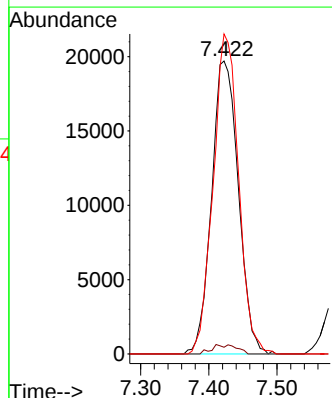
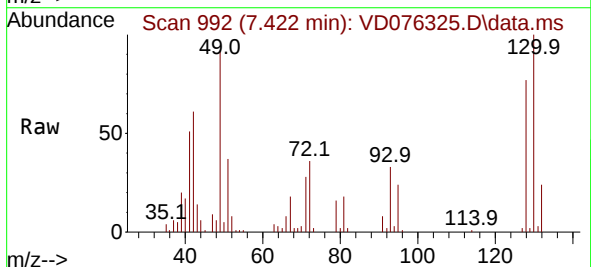
Tgt Ion: 49 Resp: 53947

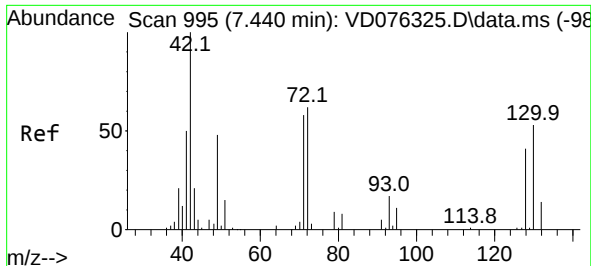
Ion Ratio Lower Upper

49 100

129 1.5 0.0 6.0

130 103.6 83.2 124.8

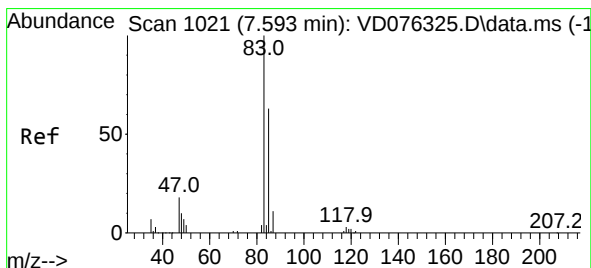
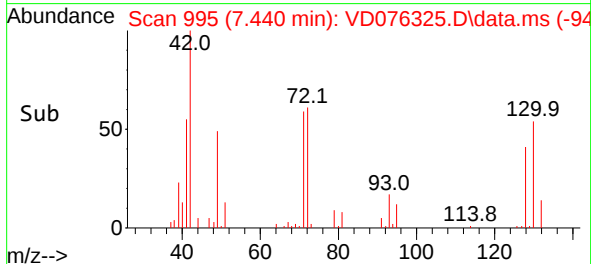
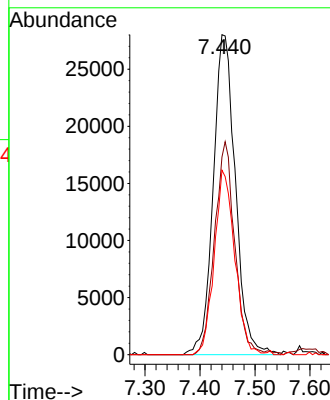
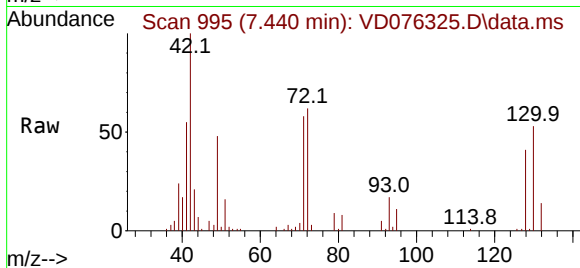




#29
Tetrahydrofuran
Concen: 265.614 ug/l
RT: 7.440 min Scan# 995
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

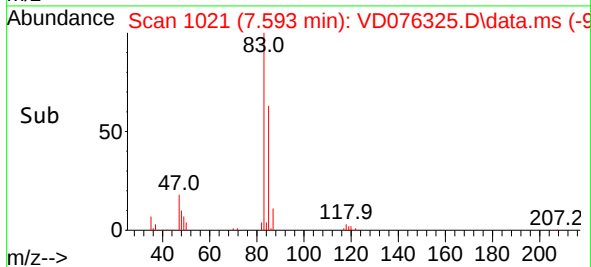
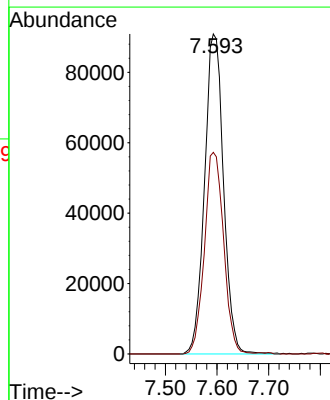
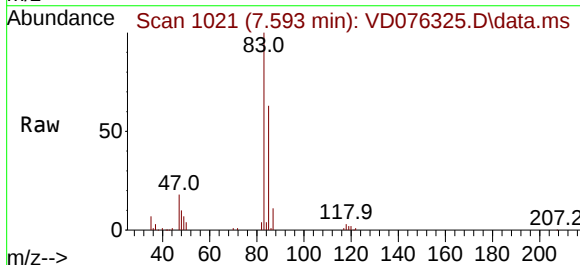
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

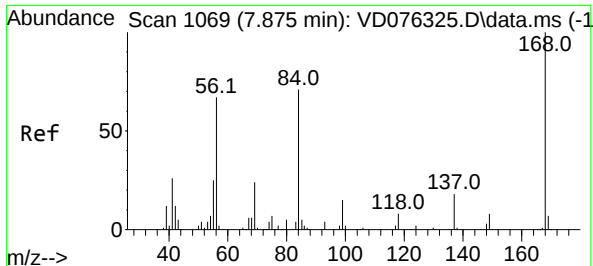
Tgt Ion: 42 Resp: 78522
Ion Ratio Lower Upper
42 100
72 61.0 46.5 69.7
71 53.4 44.5 66.7



#30
Chloroform
Concen: 50.931 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 83 Resp: 231612
Ion Ratio Lower Upper
83 100
85 63.0 53.4 80.2

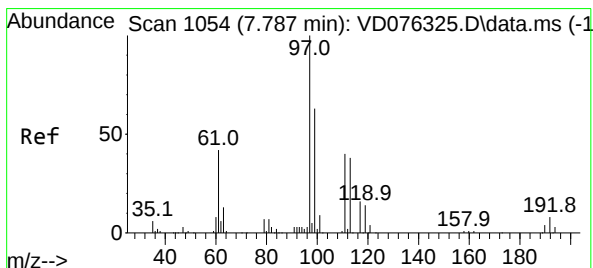
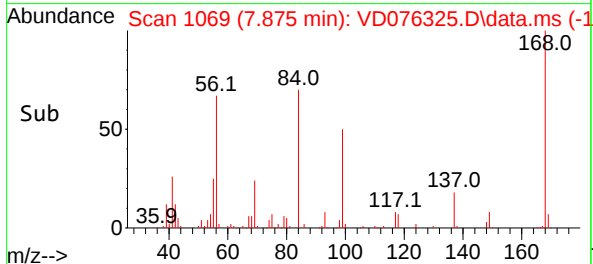
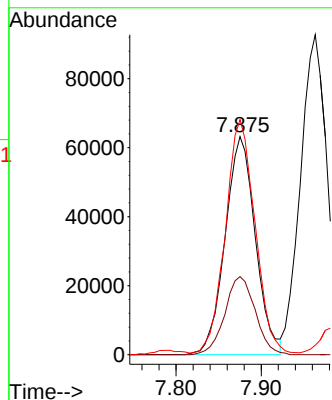
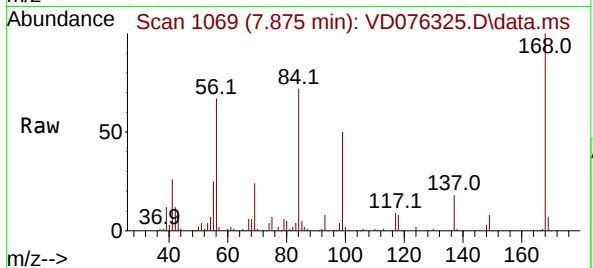




#31
Cyclohexane
Concen: 47.064 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

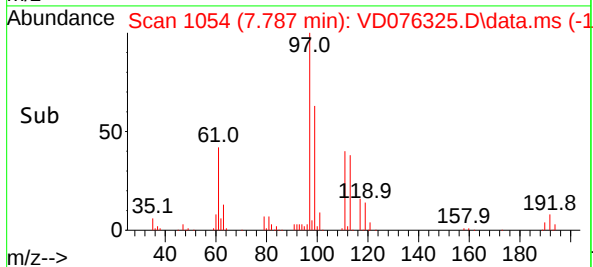
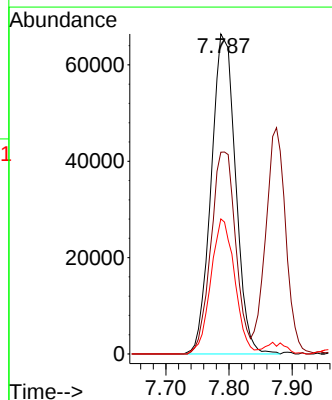
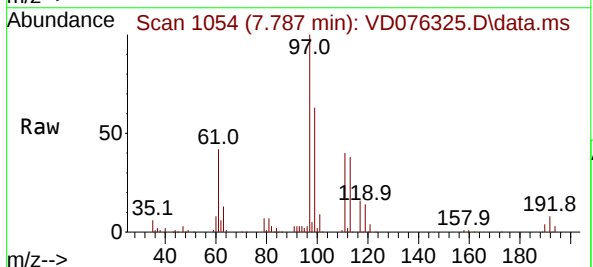
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

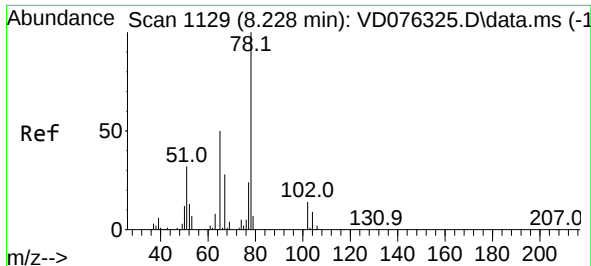
Tgt Ion: 56 Resp: 156112
Ion Ratio Lower Upper
56 100
69 35.8 28.6 43.0
84 106.3 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 49.253 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 97 Resp: 178362
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 41.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.283 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

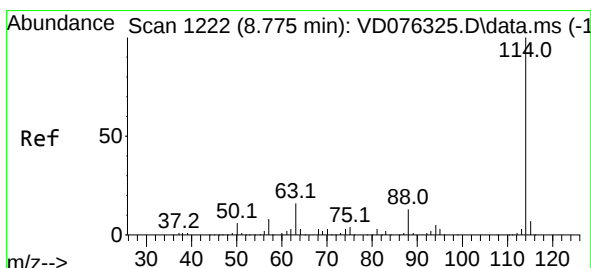
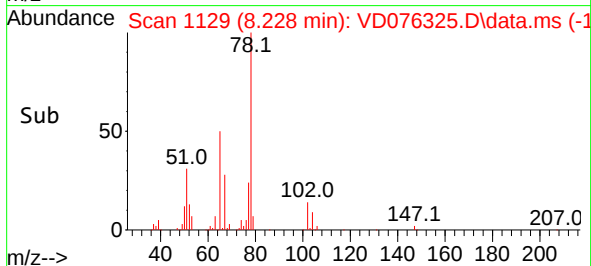
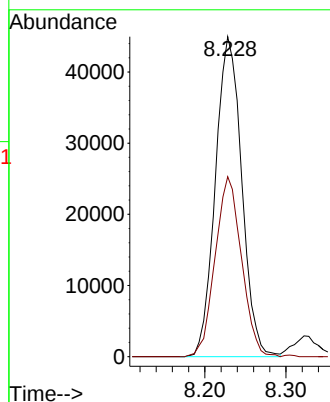
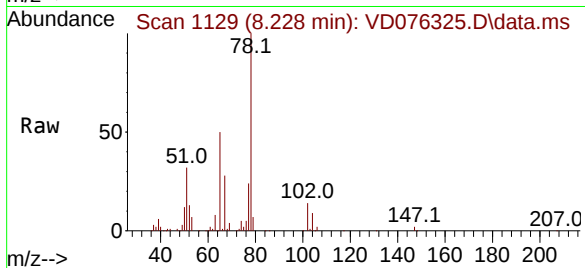
VSTDICCC050

Tgt Ion: 65 Resp: 101319

Ion Ratio Lower Upper

65 100

67 56.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

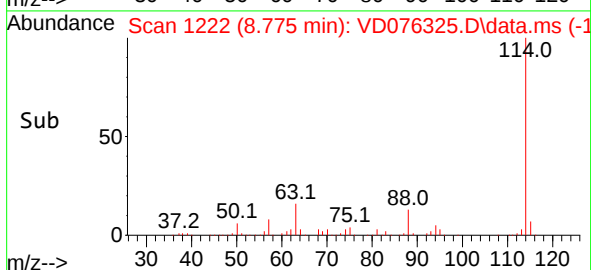
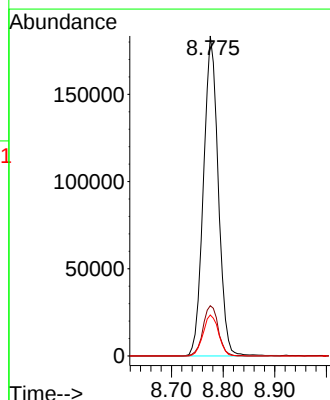
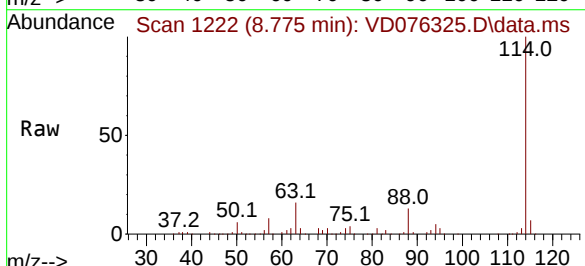
Tgt Ion: 114 Resp: 364399

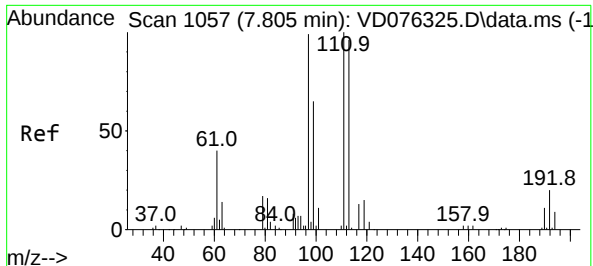
Ion Ratio Lower Upper

114 100

63 15.7 0.0 33.4

88 12.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.280 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

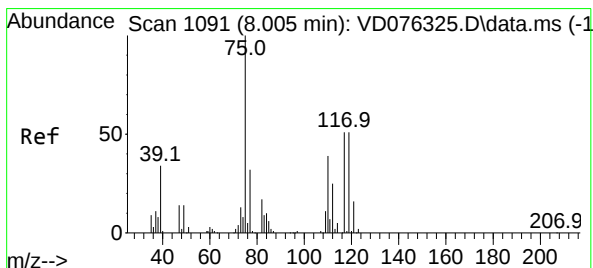
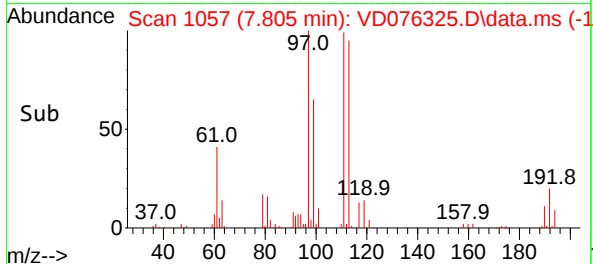
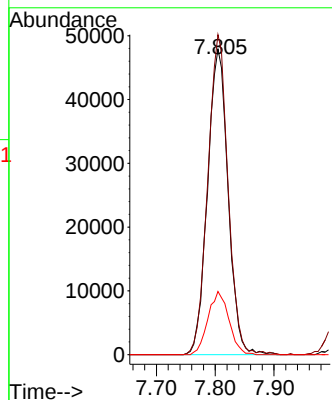
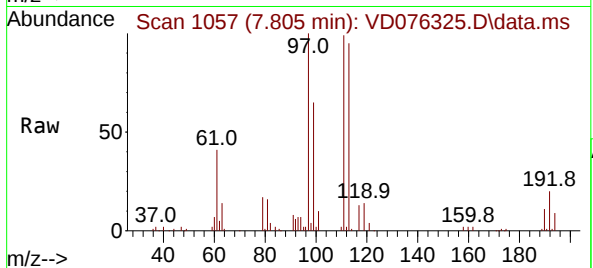
Tgt Ion:113 Resp: 116332

Ion Ratio Lower Upper

113 100

111 103.4 84.7 127.1

192 21.1 16.8 25.2



#36

1,1-Dichloropropene

Concen: 50.566 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

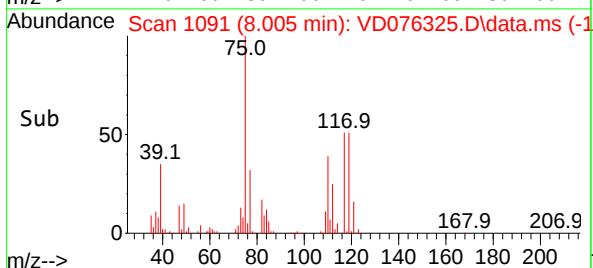
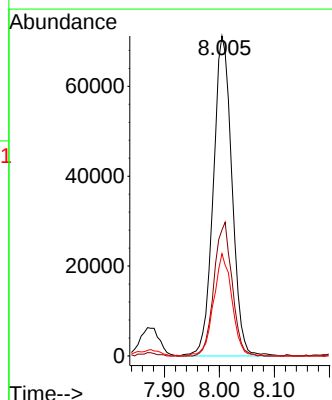
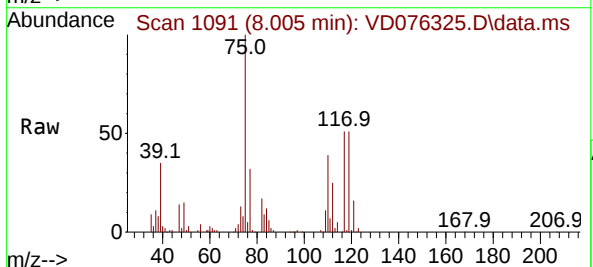
Tgt Ion: 75 Resp: 168091

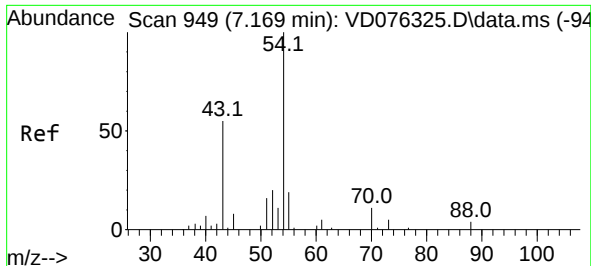
Ion Ratio Lower Upper

75 100

110 40.4 19.9 59.6

77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 51.464 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

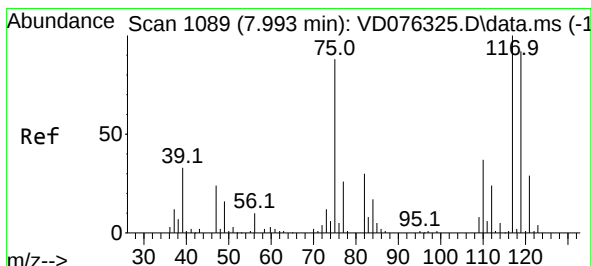
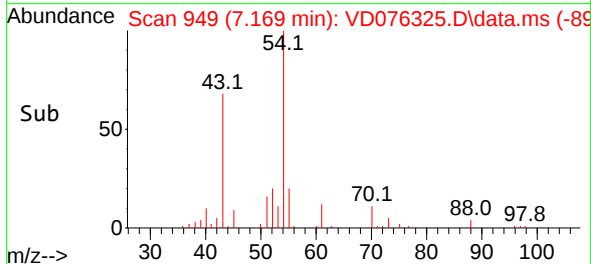
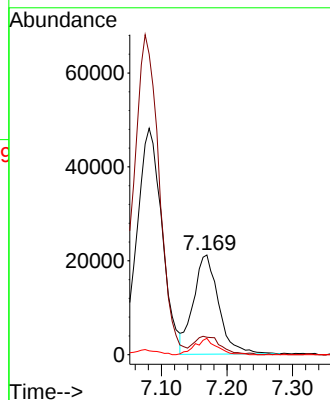
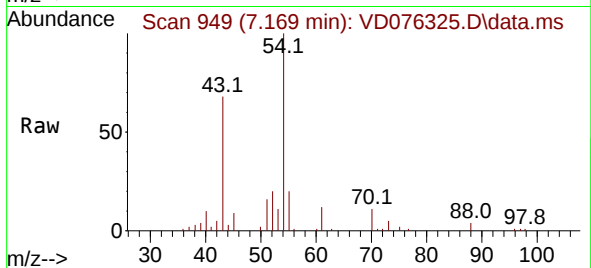
Tgt Ion: 43 Resp: 56441

Ion Ratio Lower Upper

43 100

61 19.6 14.9 22.3

70 14.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 49.474 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

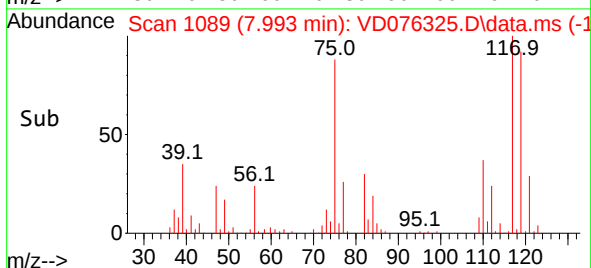
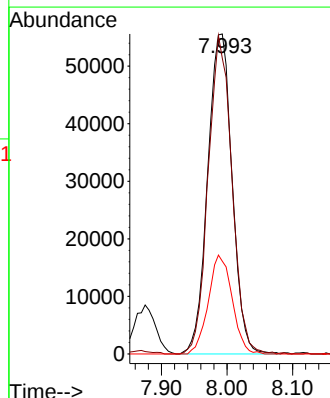
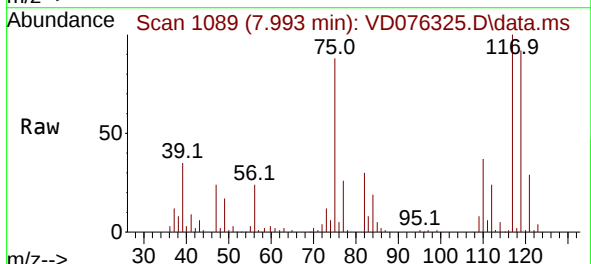
Tgt Ion: 117 Resp: 144169

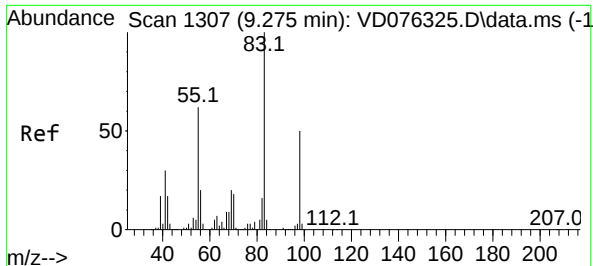
Ion Ratio Lower Upper

117 100

119 92.5 78.0 117.0

121 29.0 24.2 36.2





#39

Methylcyclohexane

Concen: 50.933 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

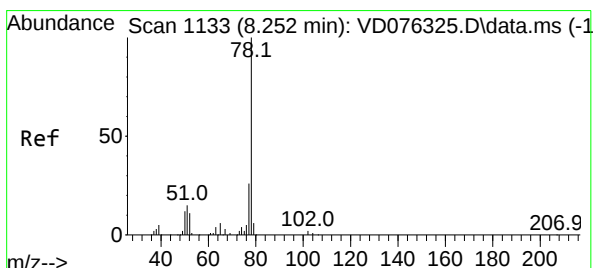
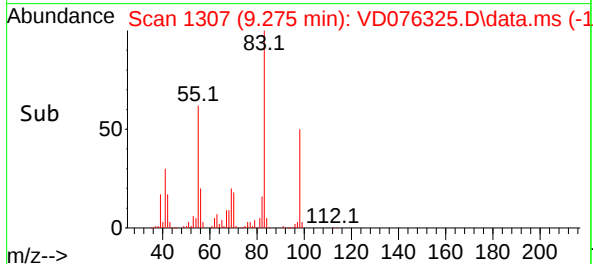
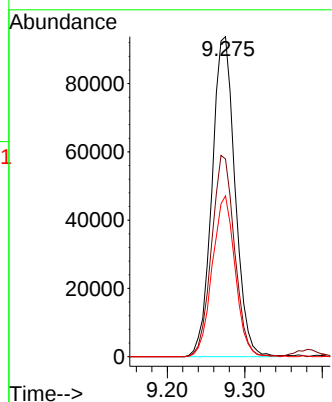
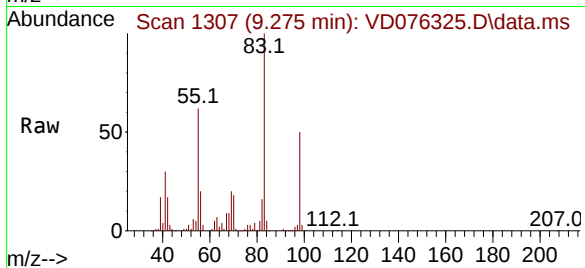
Tgt Ion: 83 Resp: 193455

Ion Ratio Lower Upper

83 100

55 61.8 49.4 74.0

98 50.2 38.4 57.6



#40

Benzene

Concen: 51.263 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD076325.D

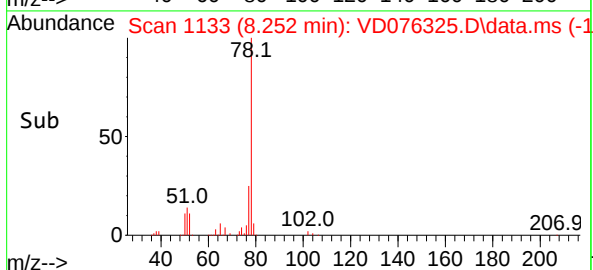
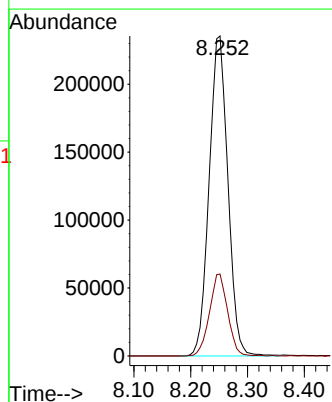
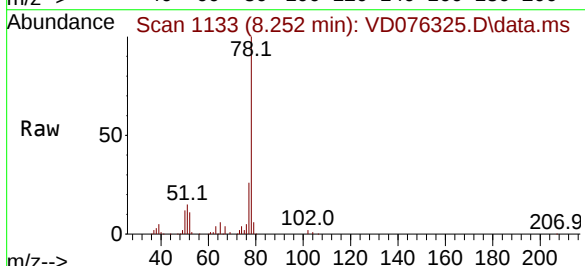
Acq: 05 Jun 2023 14:20

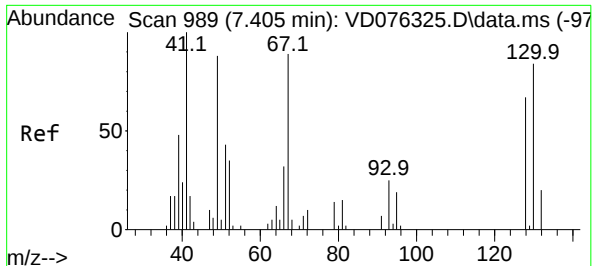
Tgt Ion: 78 Resp: 539048

Ion Ratio Lower Upper

78 100

77 25.6 19.4 29.0

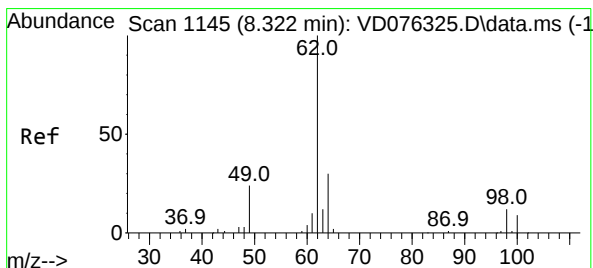
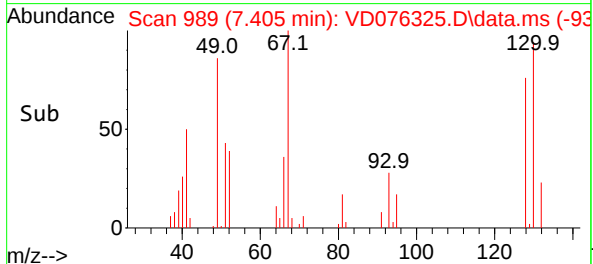
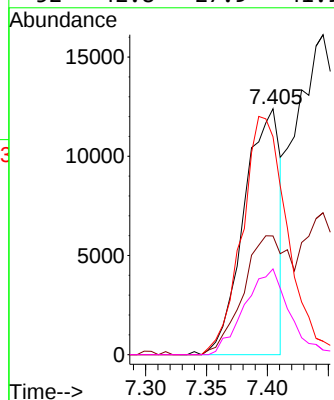
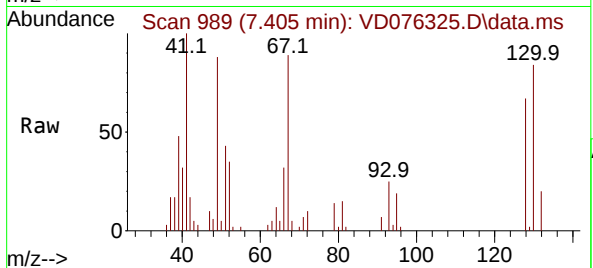




#41
Methacrylonitrile
Concen: 45.809 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

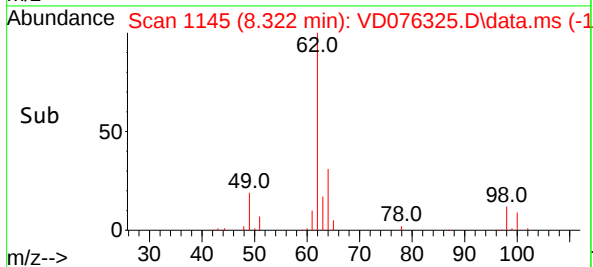
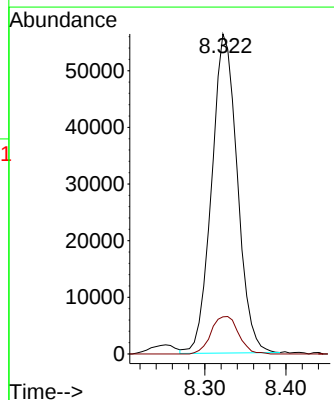
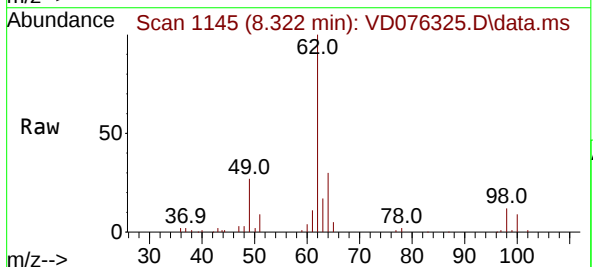
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

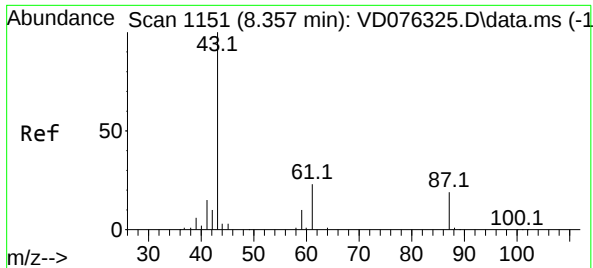
Tgt Ion:	41	Resp:	25596
Ion	Ratio	Lower	Upper
41	100		
39	63.0	34.0	51.0#
67	121.5	77.0	115.4#
52	42.8	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 51.000 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion:	62	Resp:	123860
Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	25.4

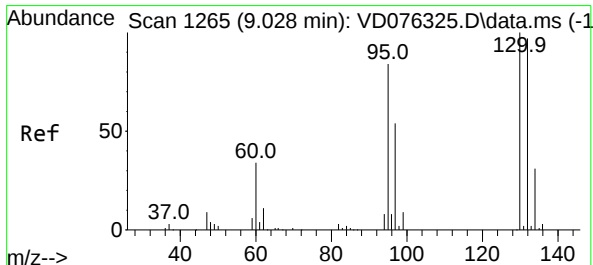
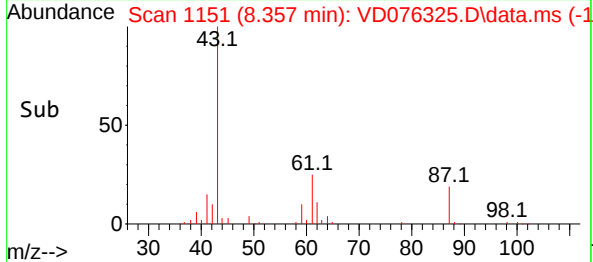
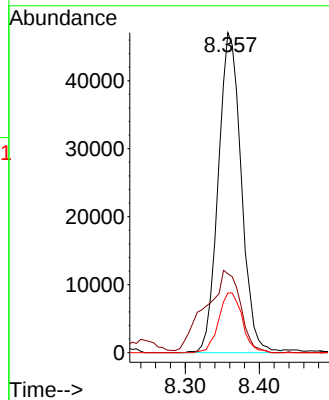
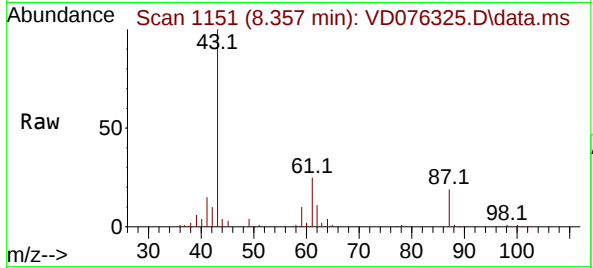




#43
Isopropyl Acetate
Concen: 51.596 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

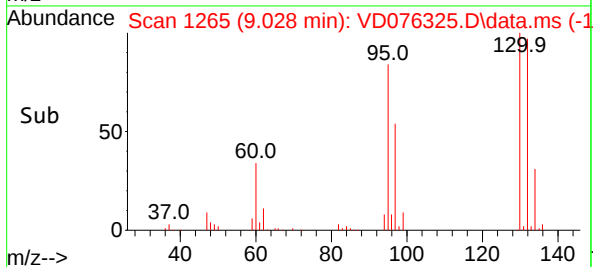
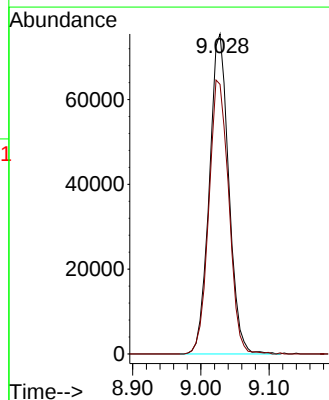
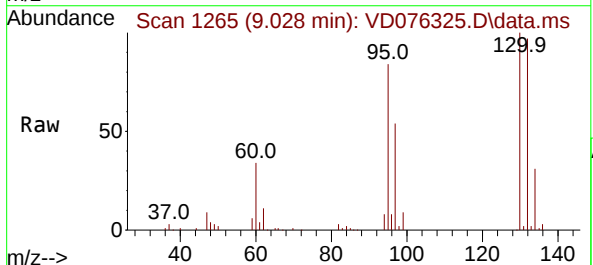
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

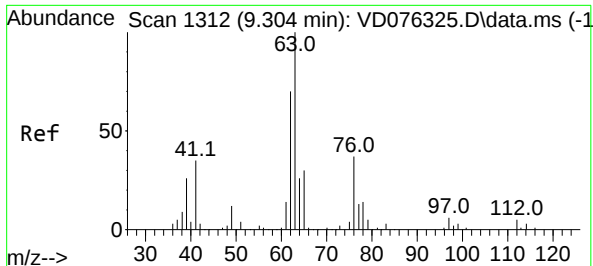
Tgt Ion: 43 Resp: 101413
Ion Ratio Lower Upper
43 100
61 39.2 31.4 47.0
87 19.2 14.9 22.3



#44
Trichloroethene
Concen: 50.929 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 130 Resp: 149745
Ion Ratio Lower Upper
130 100
95 84.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.918 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

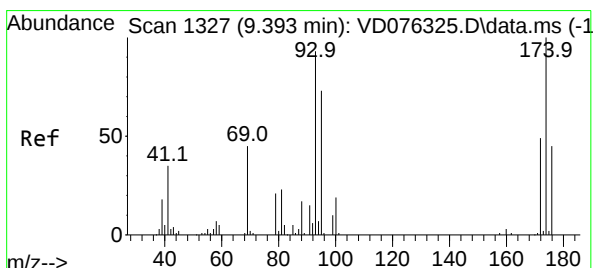
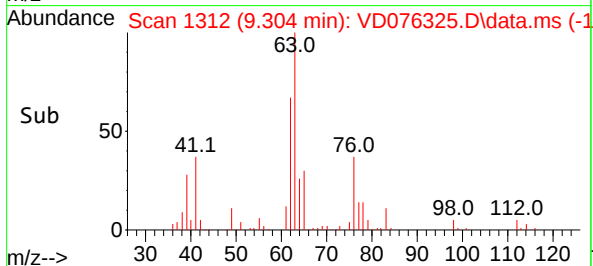
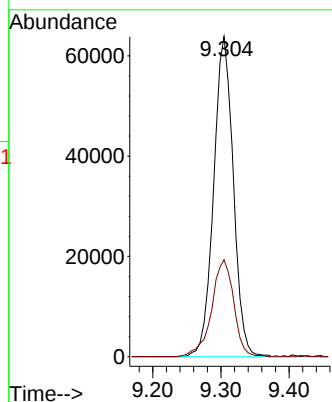
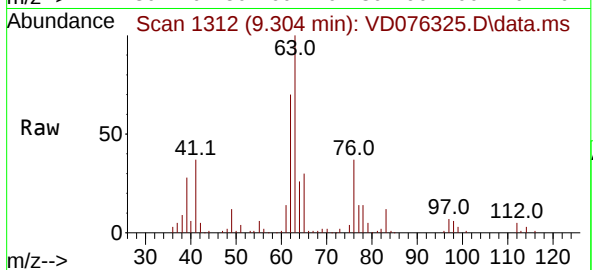
VSTDICCC050

Tgt Ion: 63 Resp: 128131

Ion Ratio Lower Upper

63 100

65 30.3 24.5 36.7



#46

Dibromomethane

Concen: 51.675 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

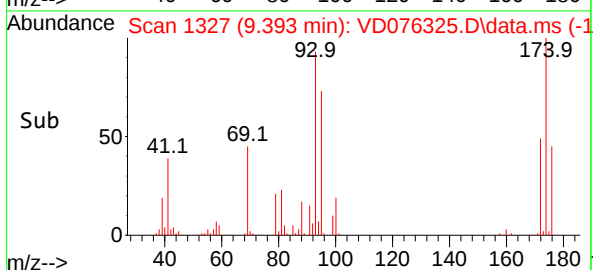
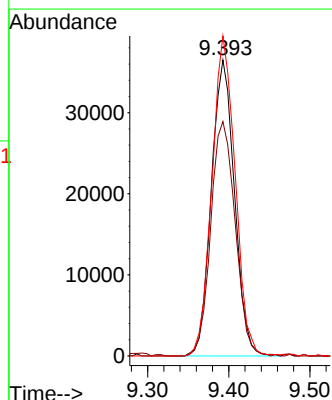
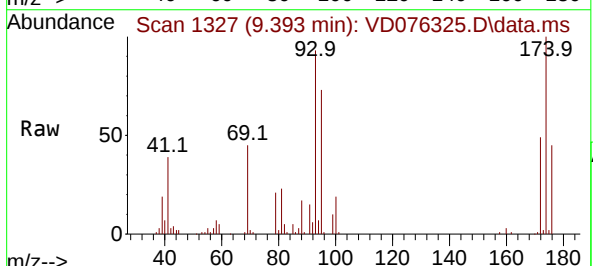
Tgt Ion: 93 Resp: 72190

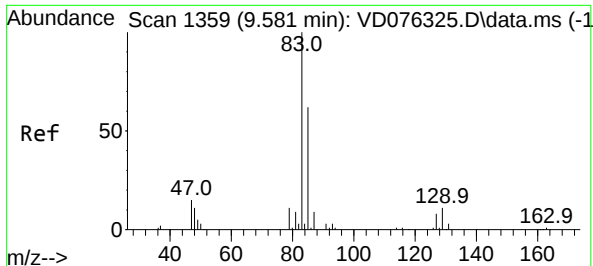
Ion Ratio Lower Upper

93 100

95 83.7 67.7 101.5

174 108.7 85.4 128.2

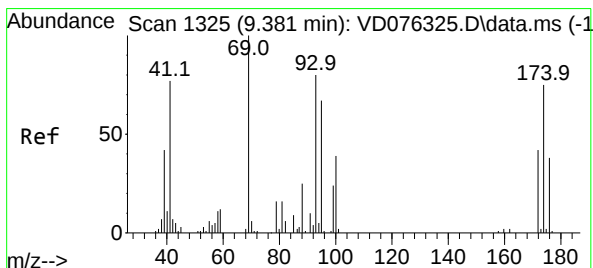
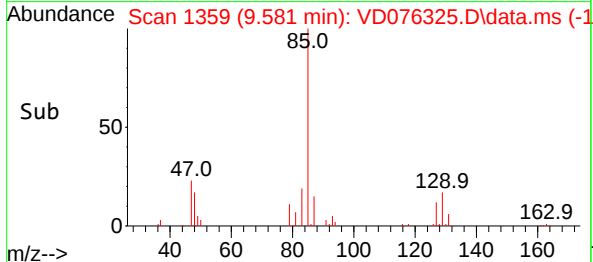
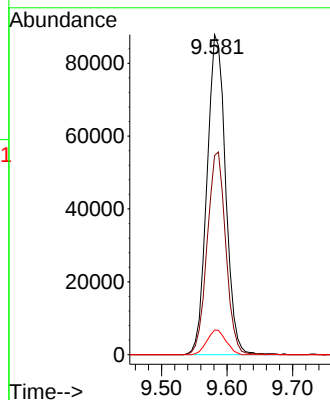
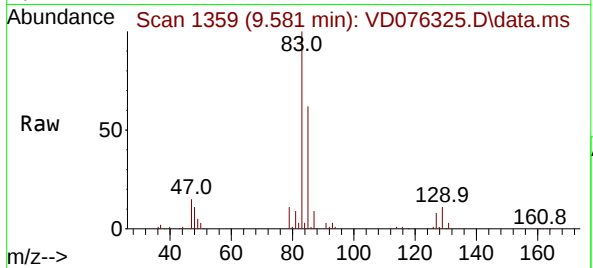




#47
Bromodichloromethane
Concen: 52.819 ug/l
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

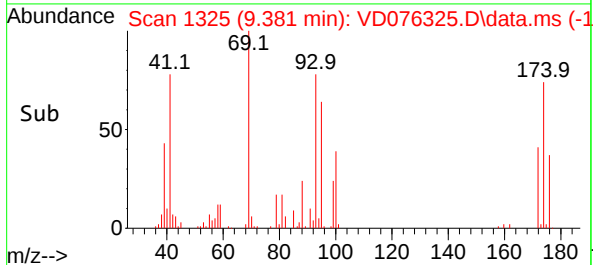
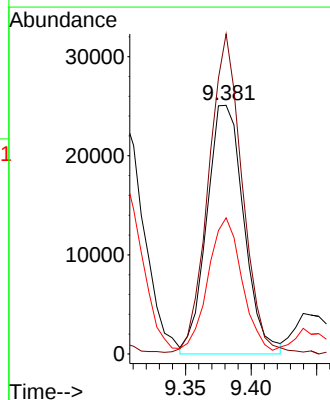
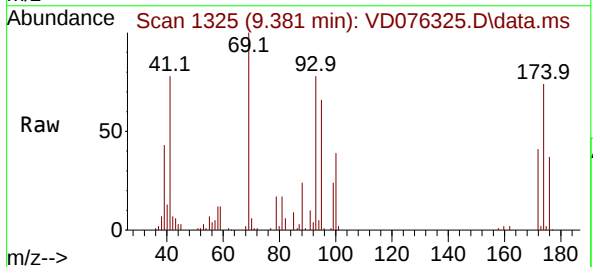
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

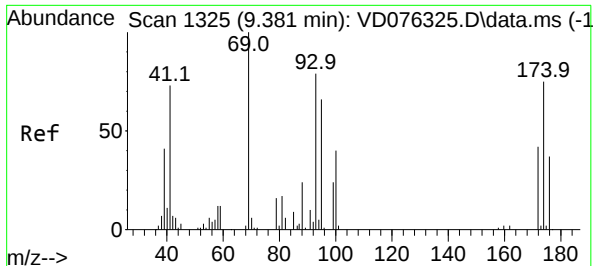
Tgt Ion: 83 Resp: 172980
Ion Ratio Lower Upper
83 100
85 62.2 50.2 75.4
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 55.404 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 41 Resp: 49333
Ion Ratio Lower Upper
41 100
69 117.6 102.2 153.2
39 48.0 41.4 62.2





#49

1,4-Dioxane

Concen: 1098.202 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

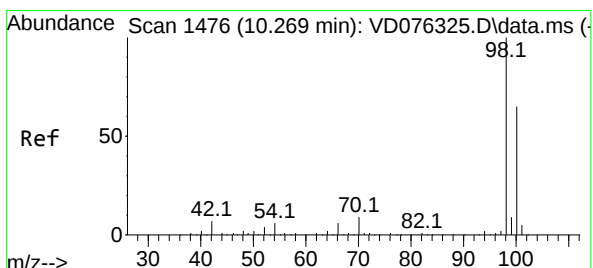
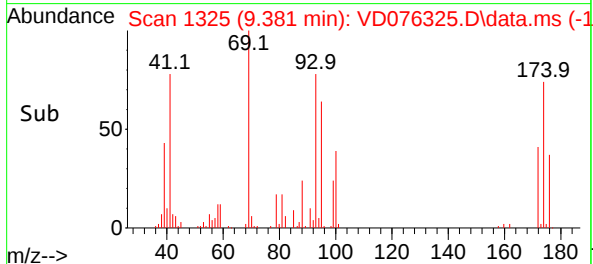
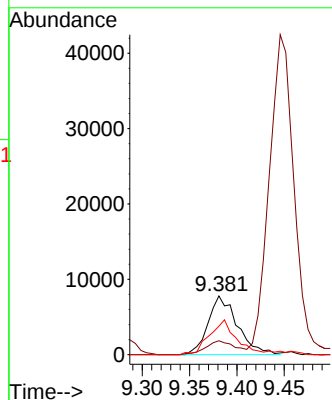
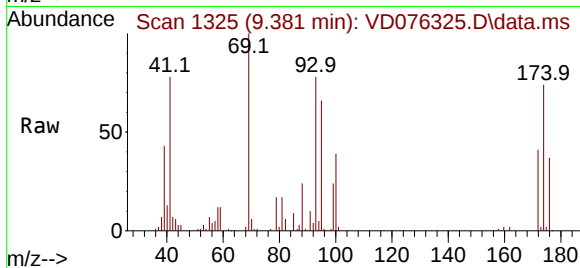
Tgt Ion: 88 Resp: 16815

Ion Ratio Lower Upper

88 100

43 24.0 19.0 28.6

58 55.9 43.5 65.3



#50

Toluene-d8

Concen: 52.213 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076325.D

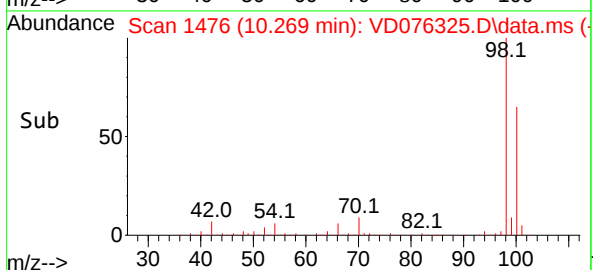
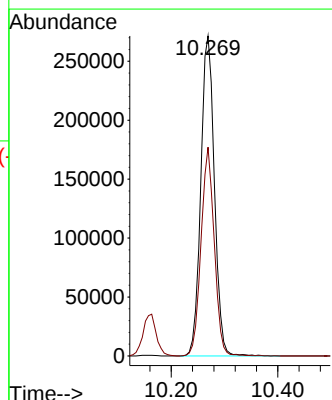
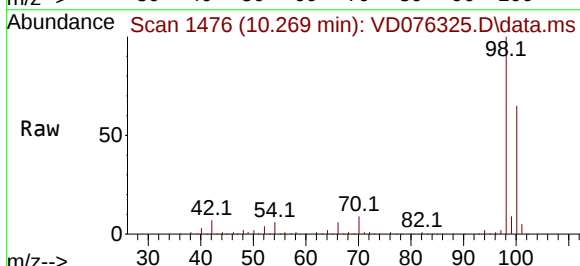
Acq: 05 Jun 2023 14:20

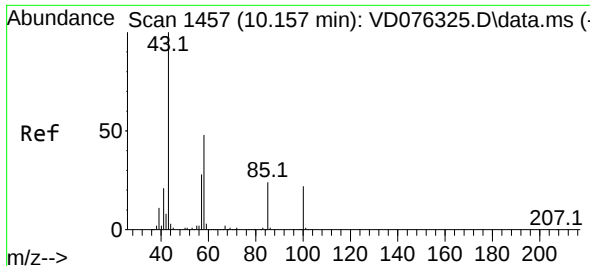
Tgt Ion: 98 Resp: 480988

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

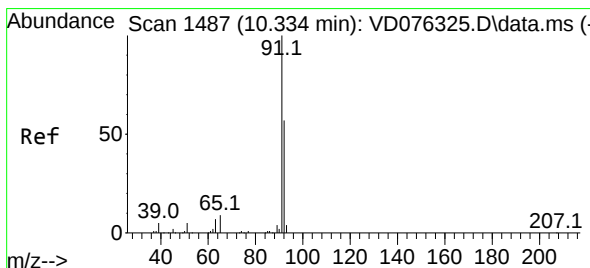
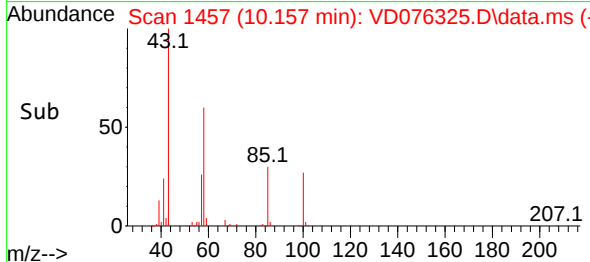
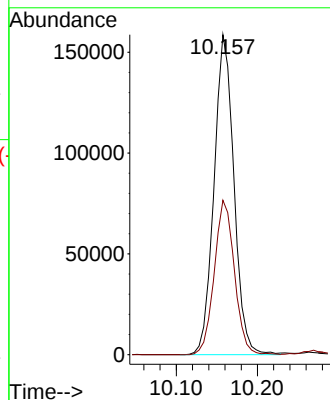
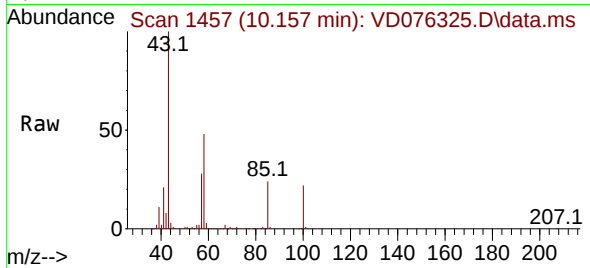




#51
4-Methyl-2-Pentanone
Concen: 261.336 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

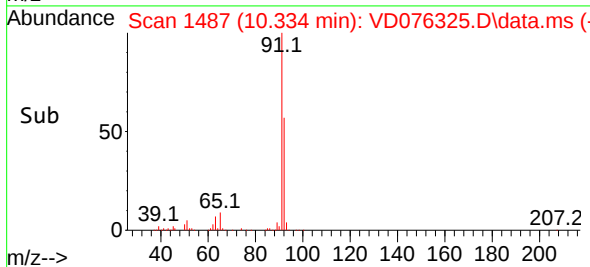
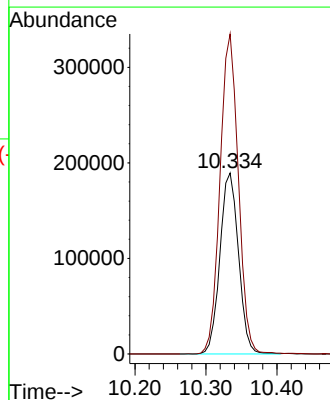
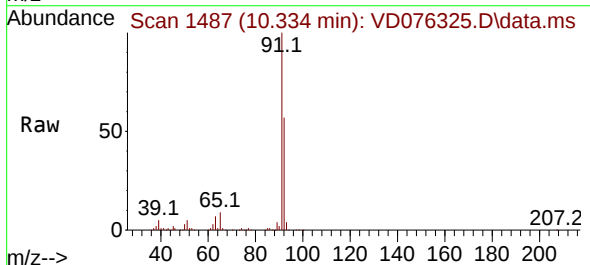
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

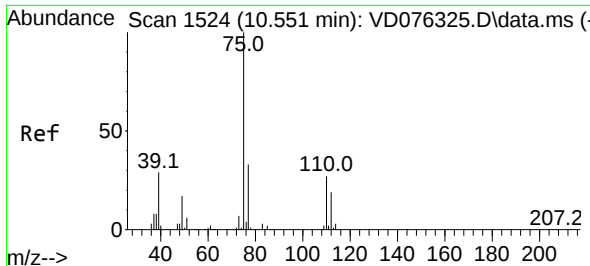
Tgt Ion: 43 Resp: 270752
Ion Ratio Lower Upper
43 100
58 48.9 38.9 58.3



#52
Toluene
Concen: 53.022 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 92 Resp: 342873
Ion Ratio Lower Upper
92 100
91 174.7 143.0 214.4

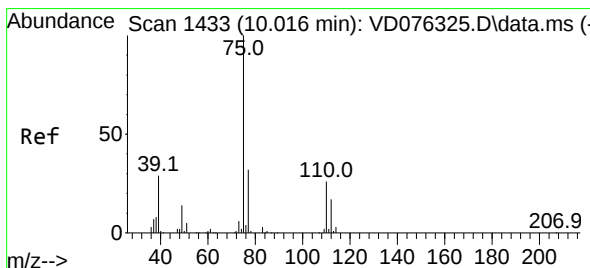
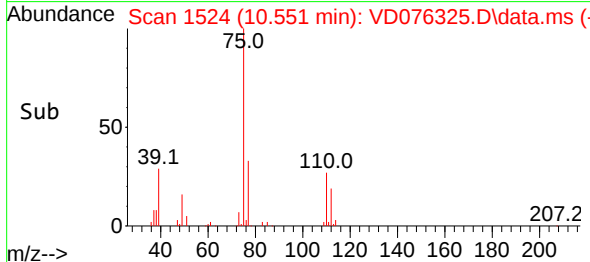
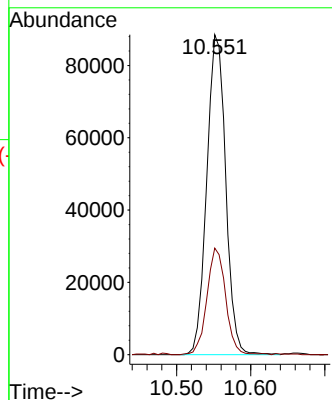
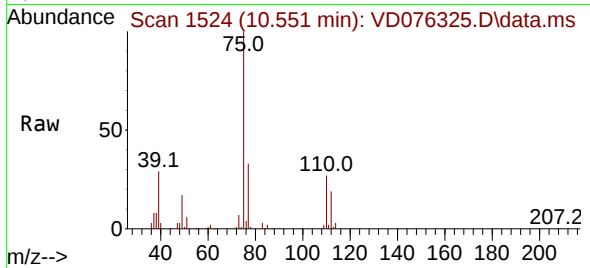




#53
 t-1,3-Dichloropropene
 Concen: 51.753 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD076325.D
 Acq: 05 Jun 2023 14:20

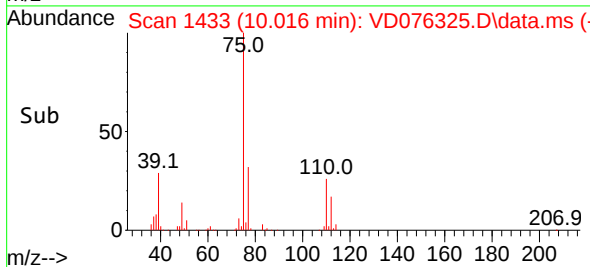
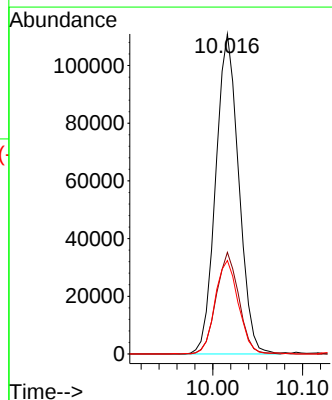
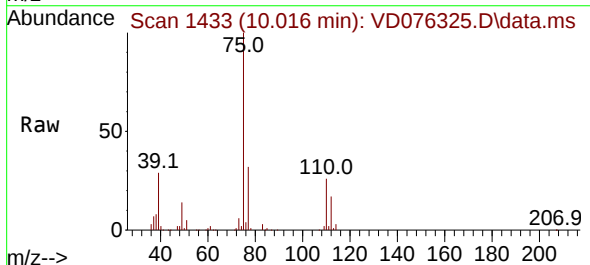
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

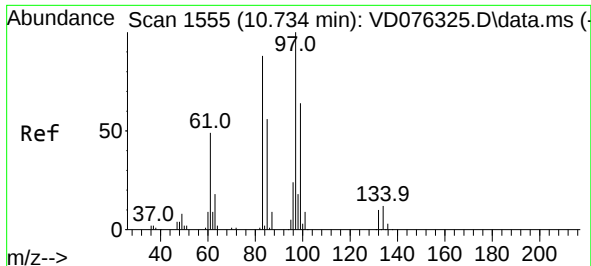
Tgt Ion: 75 Resp: 157295
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.658 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076325.D
 Acq: 05 Jun 2023 14:20

Tgt Ion: 75 Resp: 197780
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 29.2 22.1 33.1

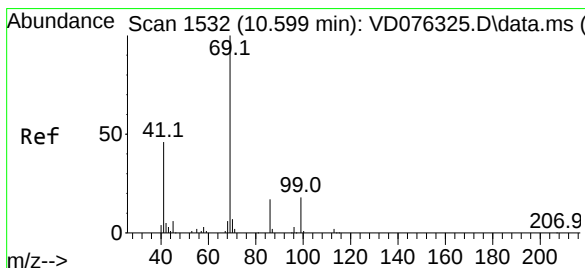
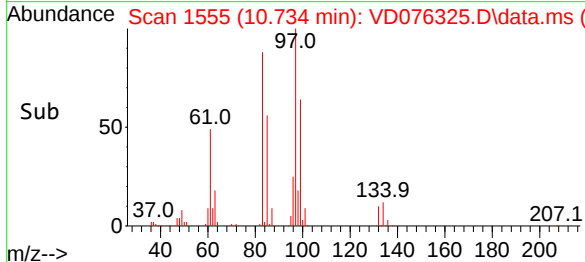
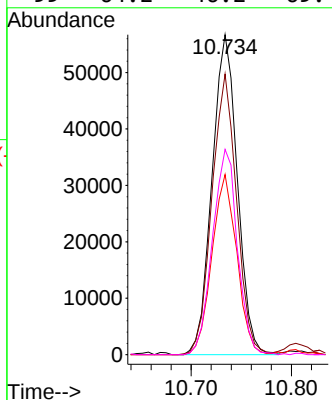
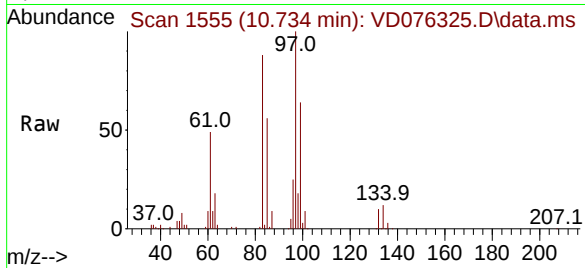




#55
1,1,2-Trichloroethane
Concen: 50.207 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

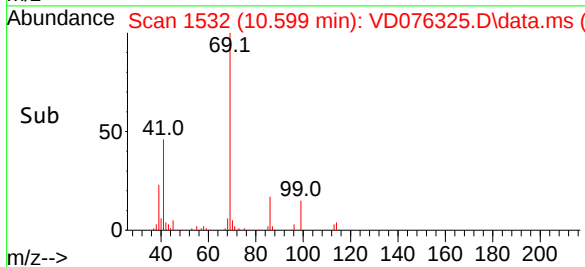
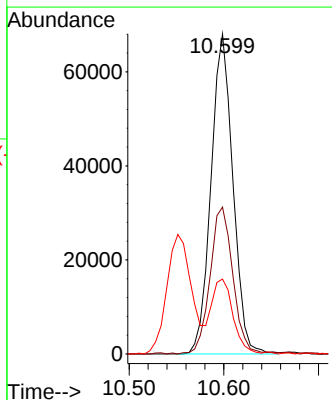
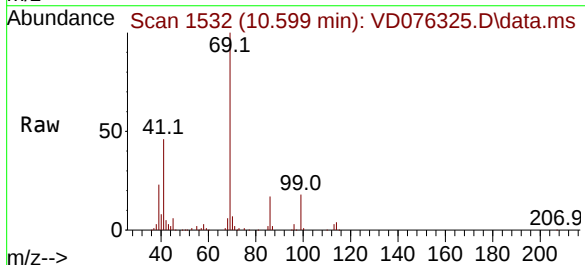
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

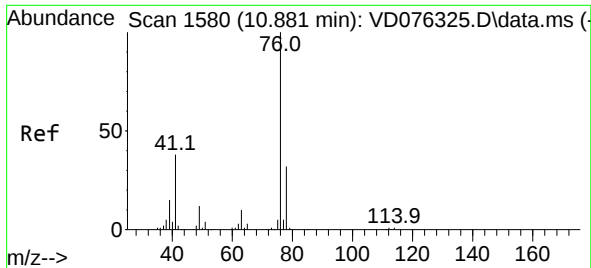
Tgt Ion: 97	Resp: 99312
Ion Ratio	Lower Upper
97 100	
83 87.7	65.8 98.6
85 56.3	45.7 68.5
99 64.2	46.2 69.4



#56
Ethyl methacrylate
Concen: 54.173 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 69	Resp: 109290
Ion Ratio	Lower Upper
69 100	
41 48.3	39.1 58.7
39 22.7	20.0 30.0





#57

1,3-Dichloropropane

Concen: 52.262 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

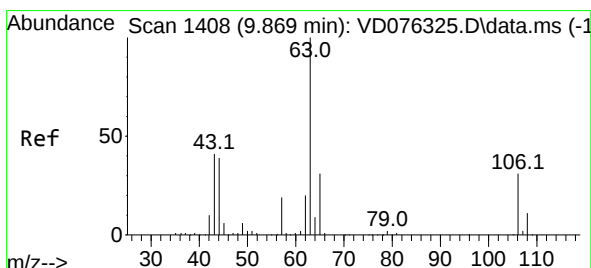
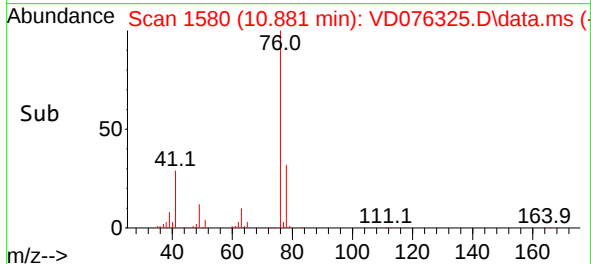
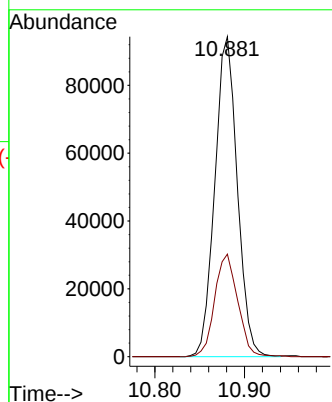
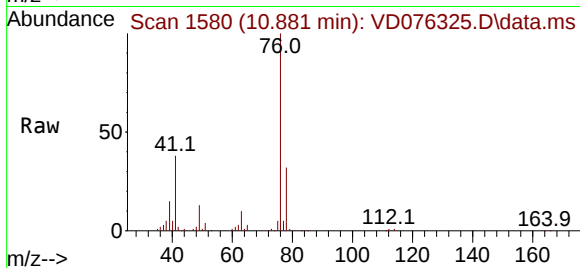
VSTDICCC050

Tgt Ion: 76 Resp: 164191

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 256.557 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076325.D

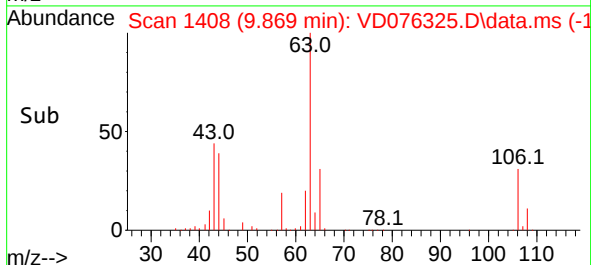
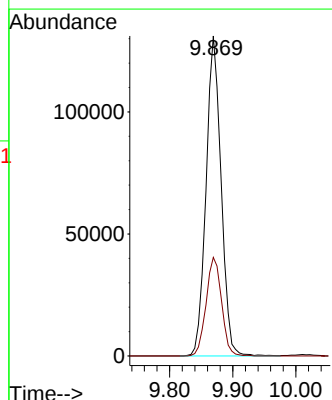
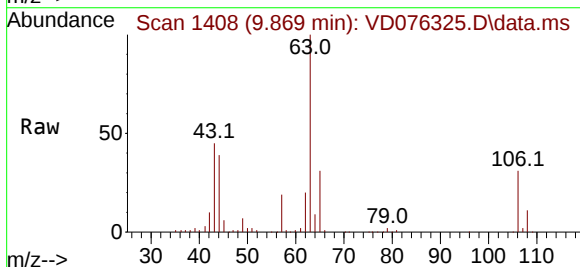
Acq: 05 Jun 2023 14:20

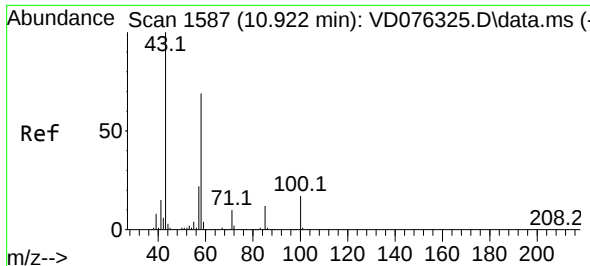
Tgt Ion: 63 Resp: 217316

Ion Ratio Lower Upper

63 100

106 31.6 25.3 37.9

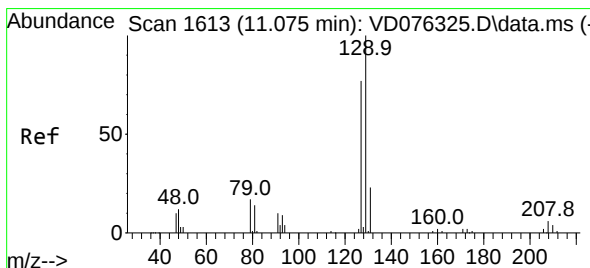
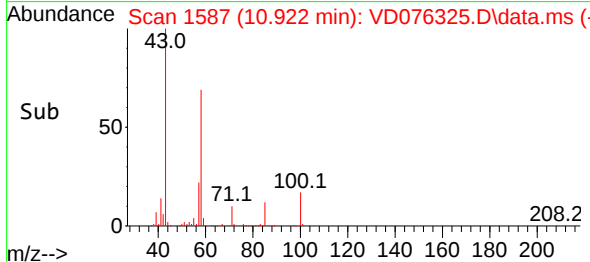
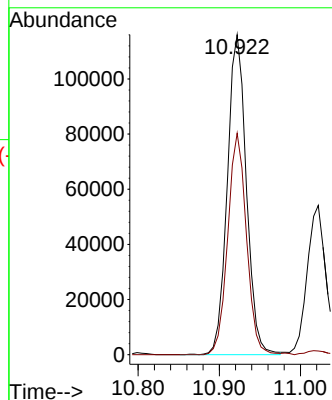
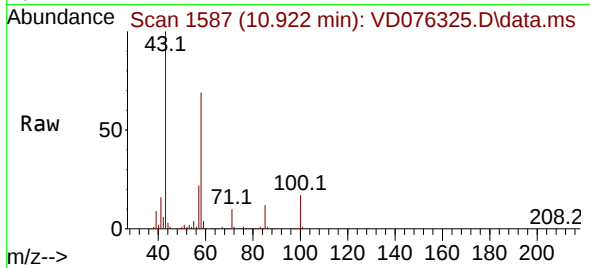




#59
2-Hexanone
Concen: 266.386 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

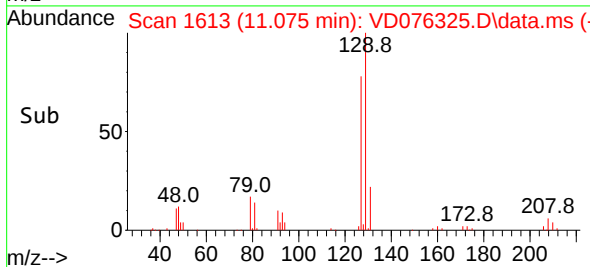
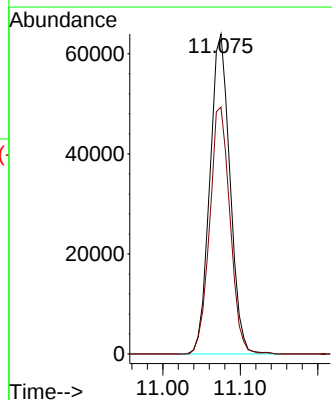
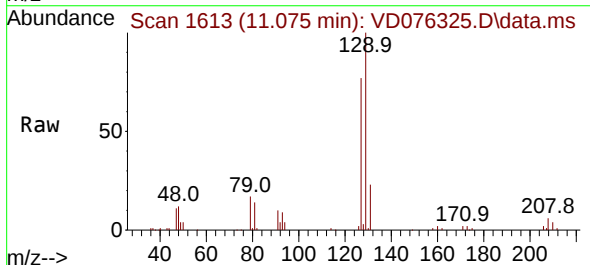
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

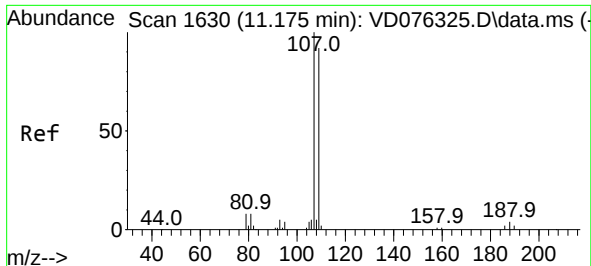
Tgt Ion: 43 Resp: 189355
Ion Ratio Lower Upper
43 100
58 67.9 34.1 102.2



#60
Dibromochloromethane
Concen: 51.437 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 129 Resp: 115337
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5

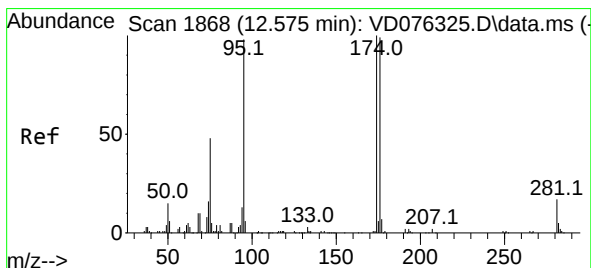
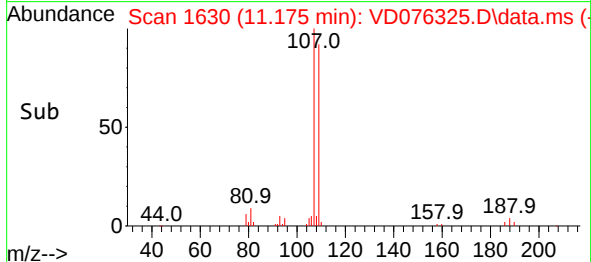
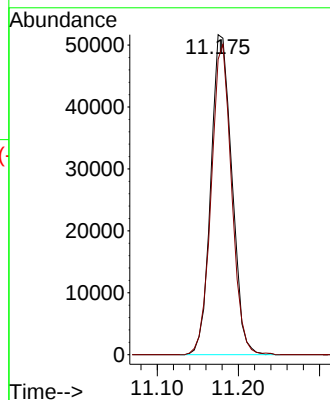
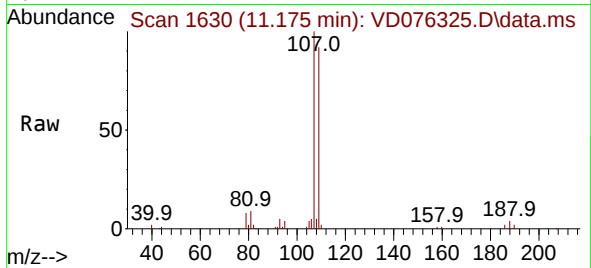




#61
1,2-Dibromoethane
Concen: 51.819 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

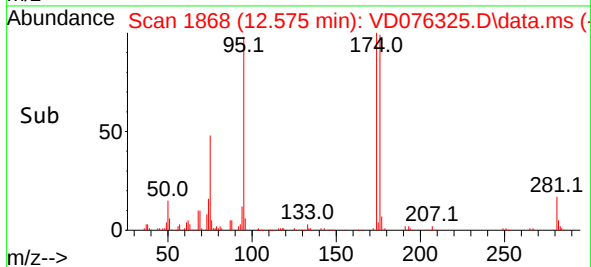
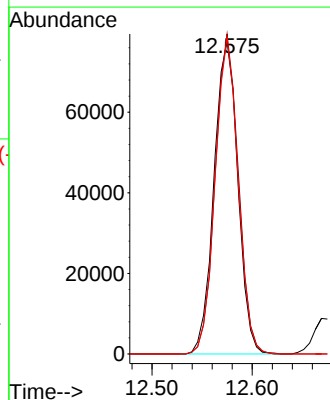
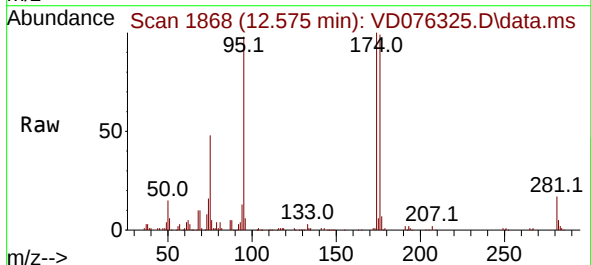
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

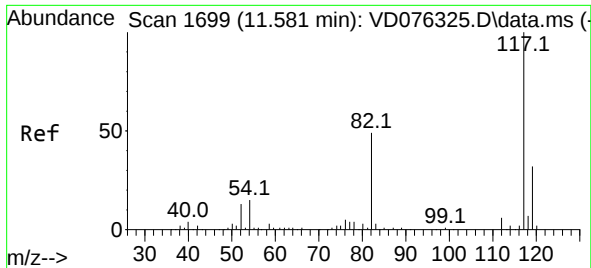
Tgt Ion:107 Resp: 93268
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.443 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 95 Resp: 127850
Ion Ratio Lower Upper
95 100
174 99.6 0.0 201.8
176 97.6 0.0 191.8

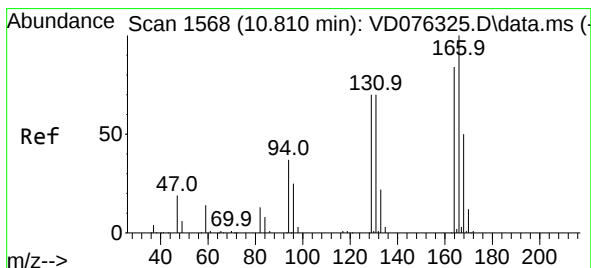
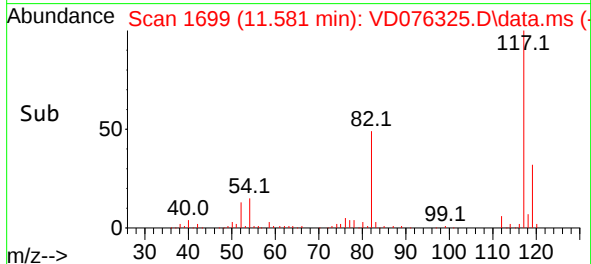
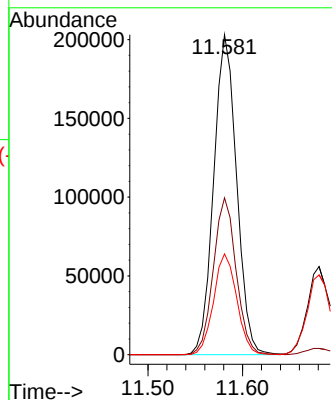
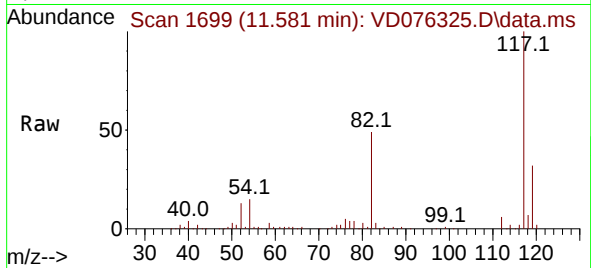




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

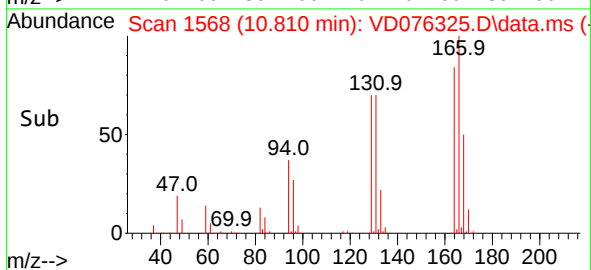
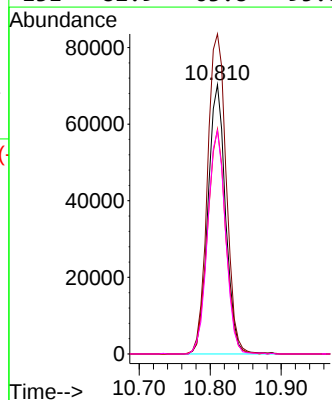
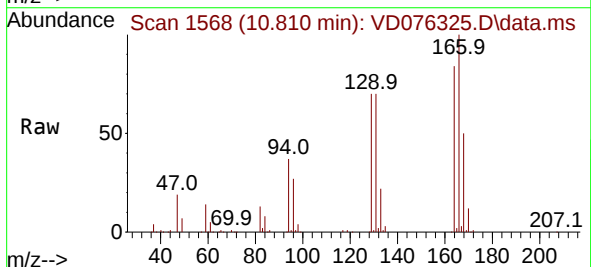
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

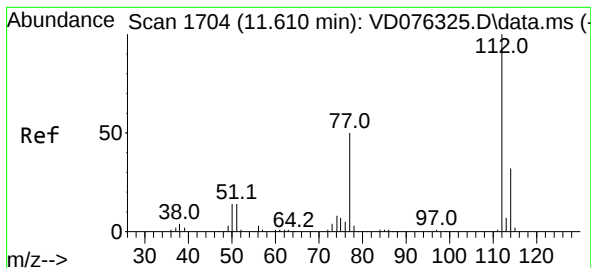
Tgt Ion:117 Resp: 341736
Ion Ratio Lower Upper
117 100
82 49.0 38.3 57.5
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 49.532 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion:164 Resp: 121244
Ion Ratio Lower Upper
164 100
166 118.8 99.2 148.8
129 83.5 68.4 102.6
131 82.9 63.8 95.8

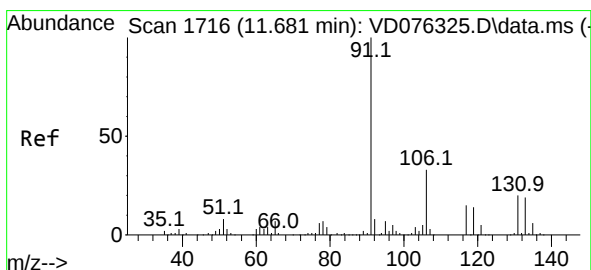
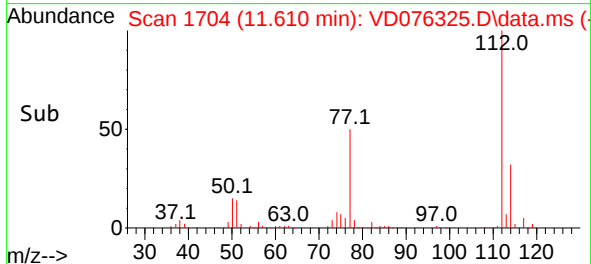
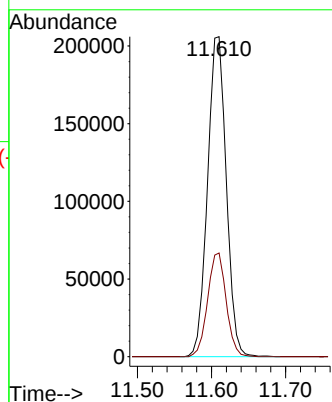
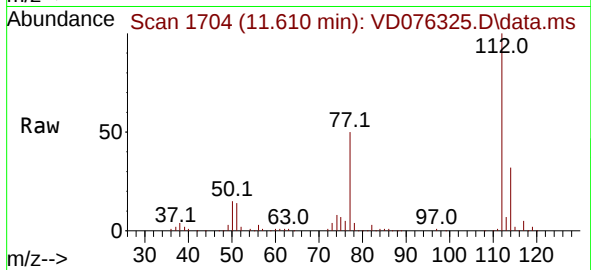




#65
Chlorobenzene
Concen: 49.508 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

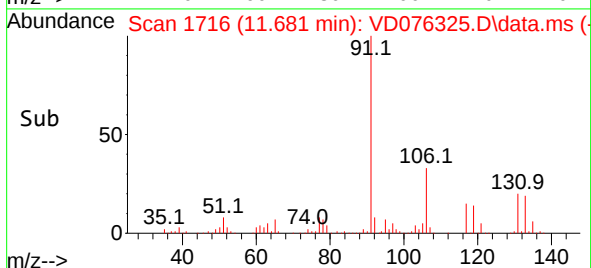
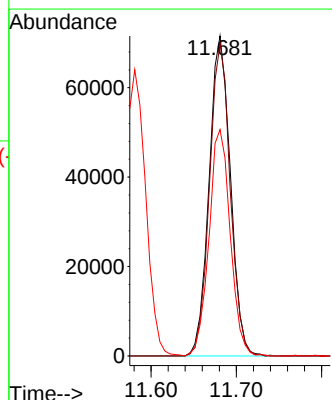
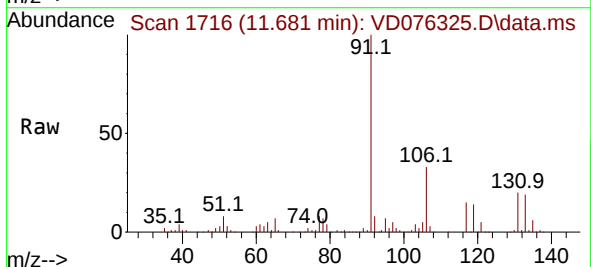
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

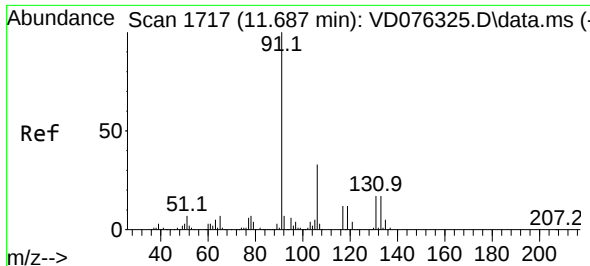
Tgt Ion:112 Resp: 362495
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.419 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion:131 Resp: 123948
Ion Ratio Lower Upper
131 100
133 95.6 48.5 145.5
119 70.7 35.6 106.9

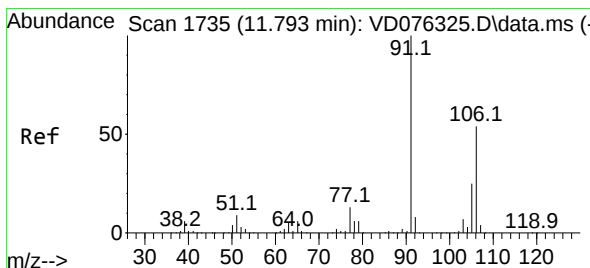
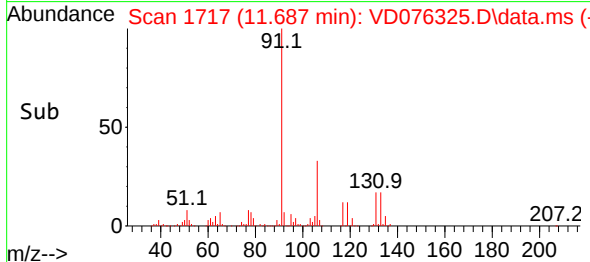
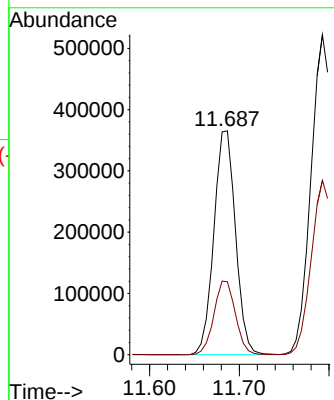
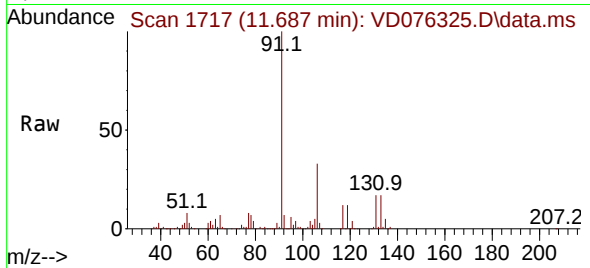




#67
Ethyl Benzene
Concen: 51.875 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

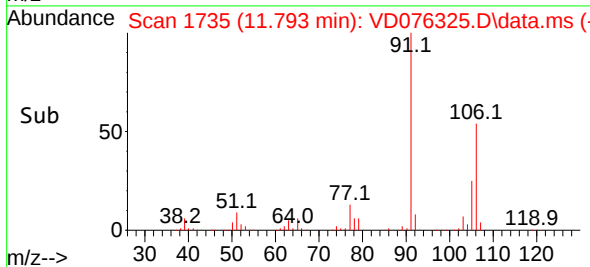
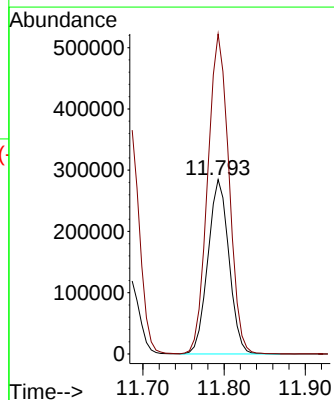
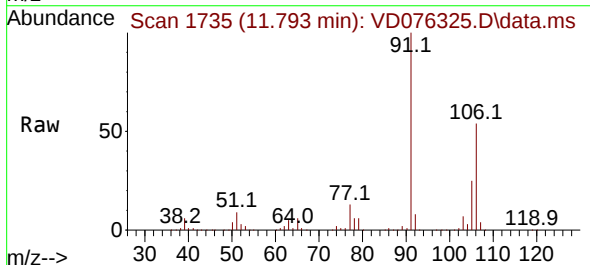
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

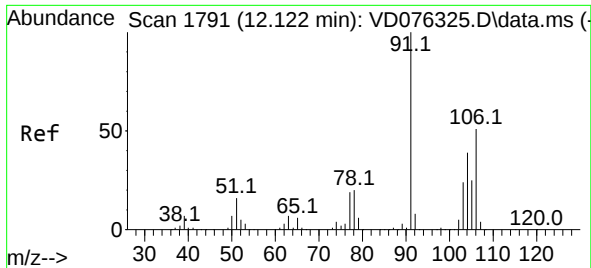
Tgt Ion: 91 Resp: 612120
Ion Ratio Lower Upper
91 100
106 32.6 26.5 39.7



#68
m/p-Xylenes
Concen: 104.902 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 106 Resp: 511695
Ion Ratio Lower Upper
106 100
91 185.7 147.0 220.6

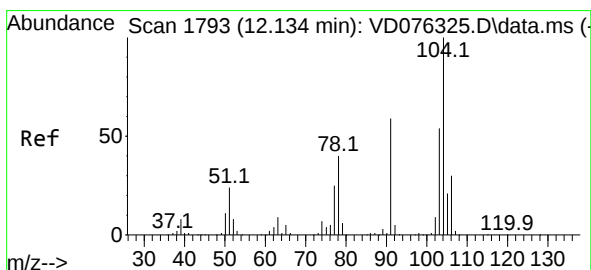
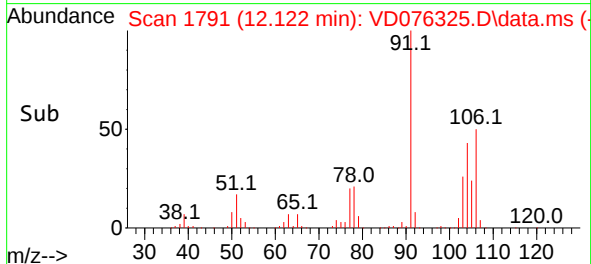
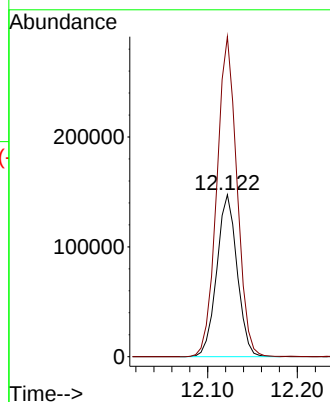
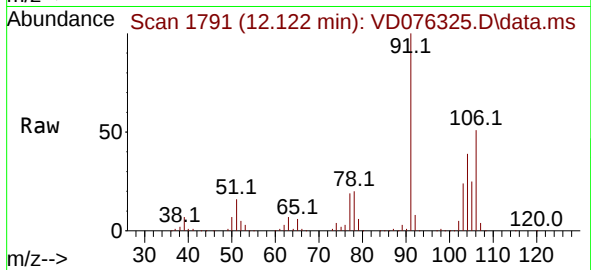




#69
o-Xylene
Concen: 52.741 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

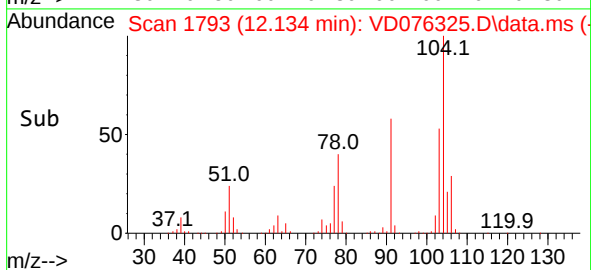
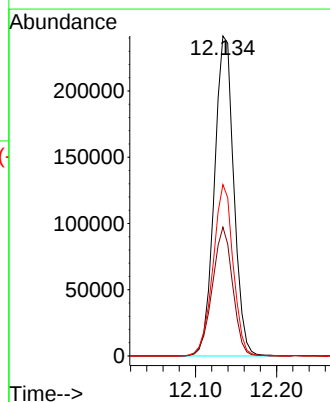
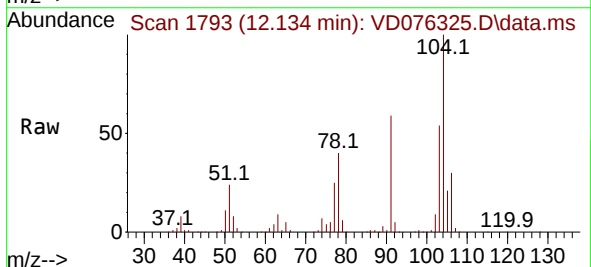
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

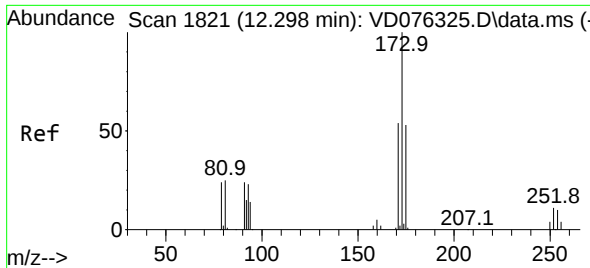
Tgt Ion:106 Resp: 231949
Ion Ratio Lower Upper
106 100
91 196.0 97.9 293.6



#70
Styrene
Concen: 53.266 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion:104 Resp: 401733
Ion Ratio Lower Upper
104 100
78 42.1 33.2 49.8
103 55.5 43.6 65.4

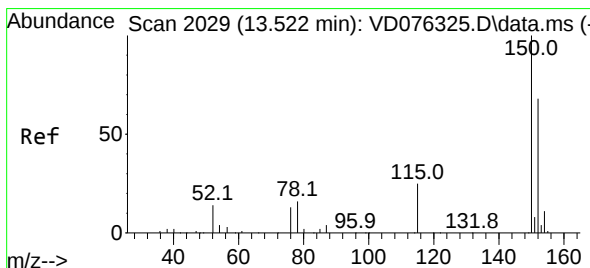
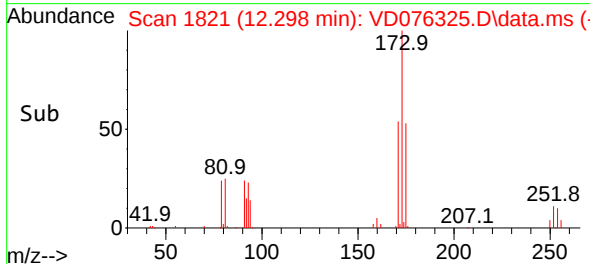
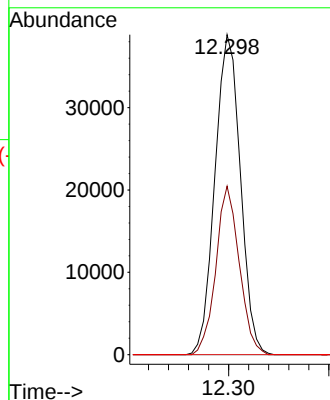
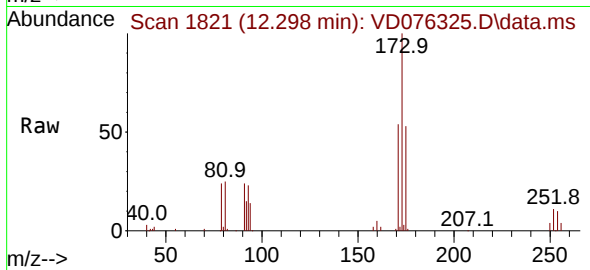




#71
Bromoform
Concen: 51.602 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

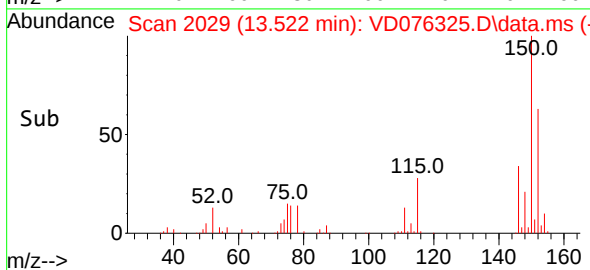
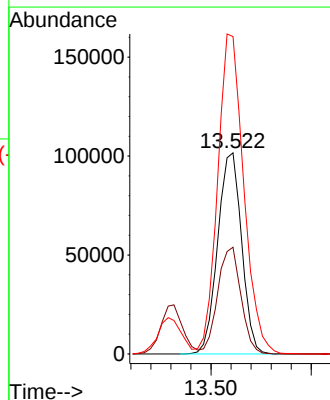
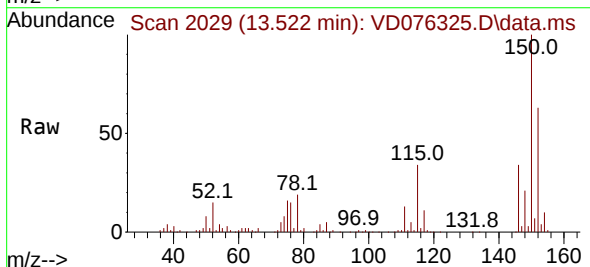
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

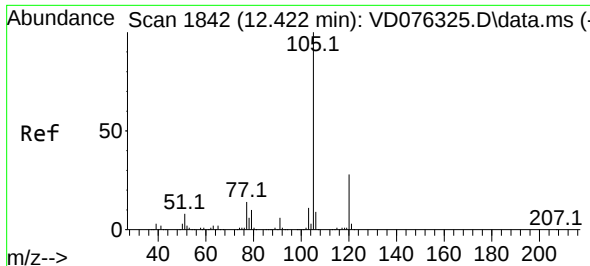
Tgt Ion:173 Resp: 68439
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion:152 Resp: 168067
Ion Ratio Lower Upper
152 100
115 51.7 27.1 81.3
150 173.8 0.0 353.6

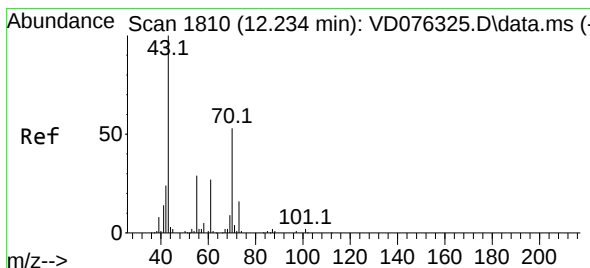
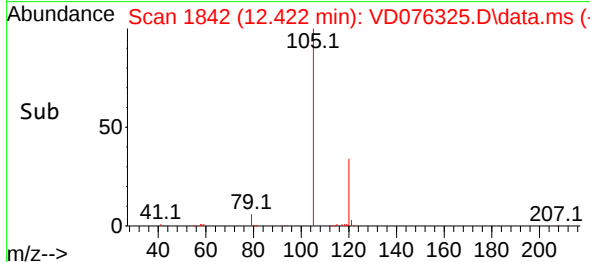
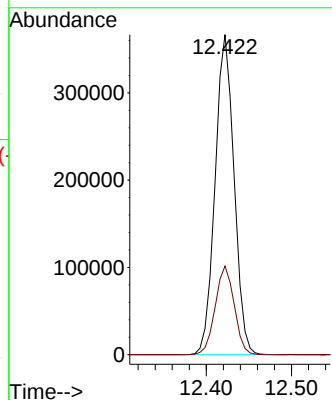
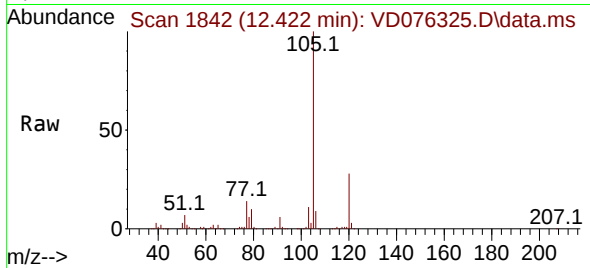




#73
Isopropylbenzene
Concen: 52.706 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

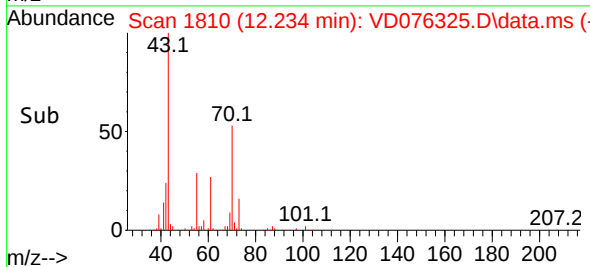
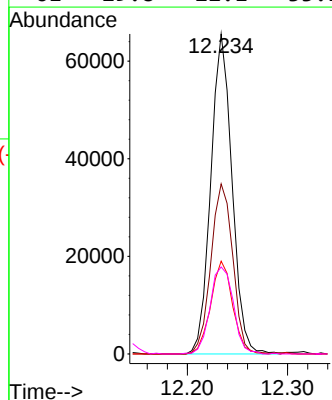
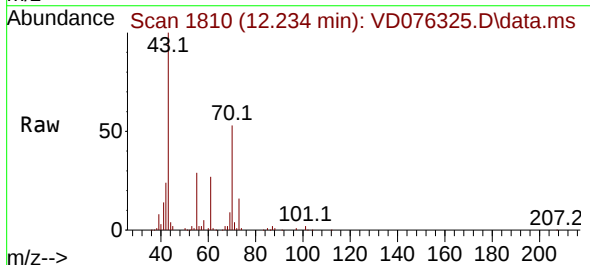
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

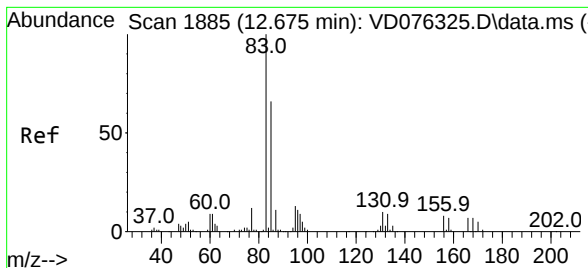
Tgt Ion:105 Resp: 567079
Ion Ratio Lower Upper
105 100
120 27.7 14.3 42.9



#74
N-ethyl acetate
Concen: 52.270 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 43 Resp: 96439
Ion Ratio Lower Upper
43 100
70 54.8 45.0 67.4
55 29.9 23.8 35.6
61 29.8 22.1 33.1

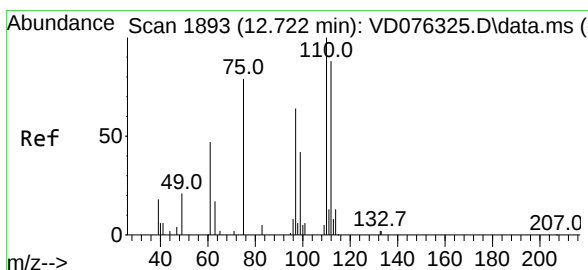
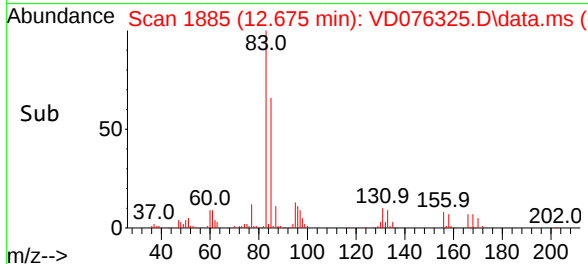
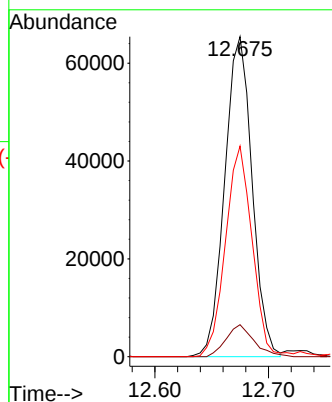
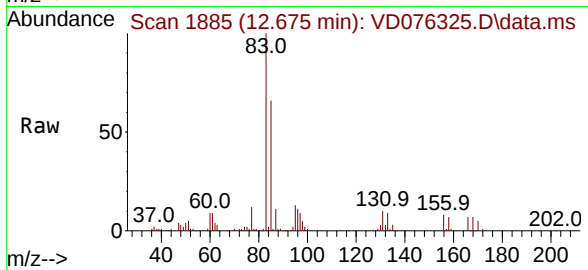




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.907 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD076325.D
 Acq: 05 Jun 2023 14:20

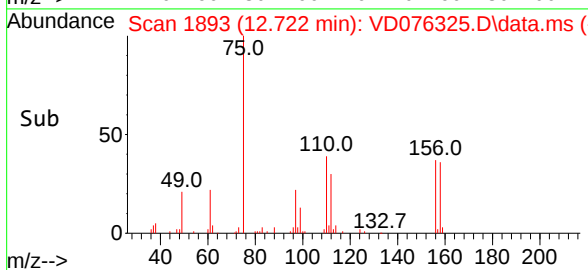
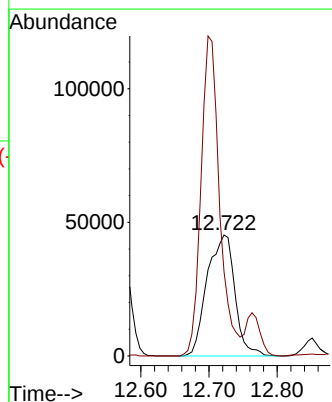
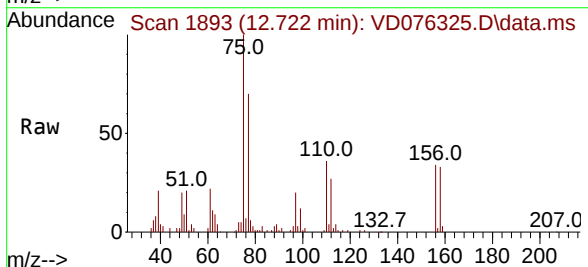
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

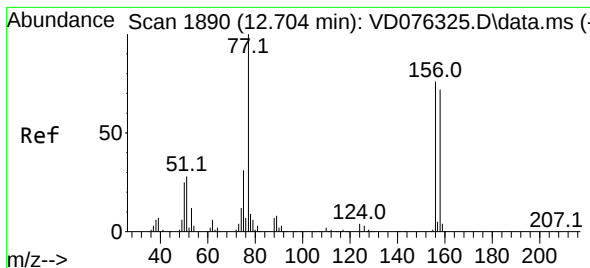
Tgt Ion: 83 Resp: 109645
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 64.1 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 78.494 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD076325.D
 Acq: 05 Jun 2023 14:20

Tgt Ion: 75 Resp: 127903
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.287 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

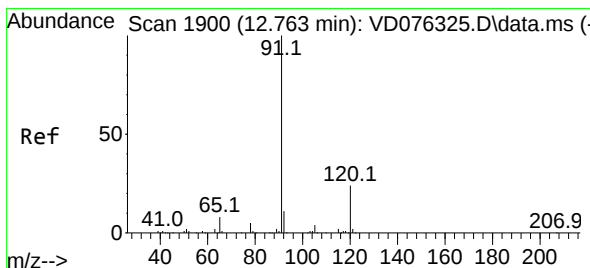
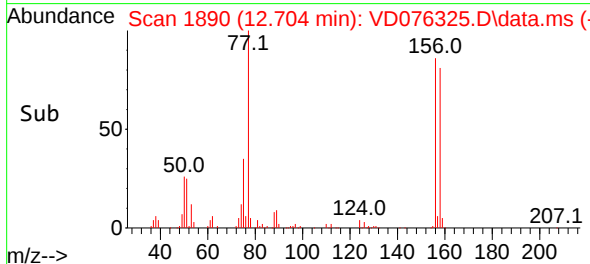
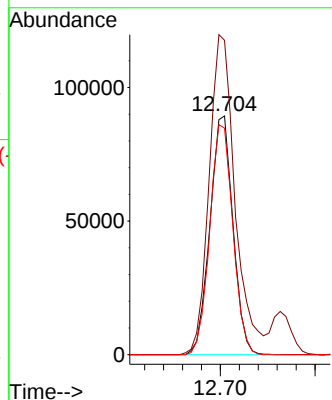
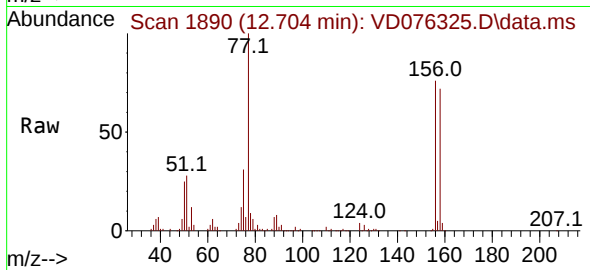
Tgt Ion:156 Resp: 150745

Ion Ratio Lower Upper

156 100

77 150.7 76.8 230.4

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 52.577 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076325.D

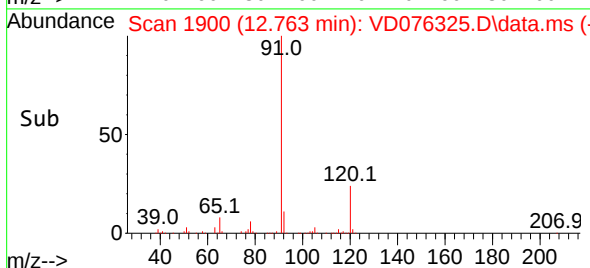
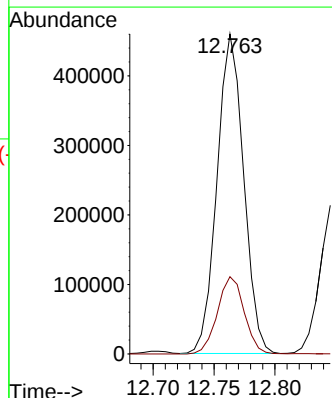
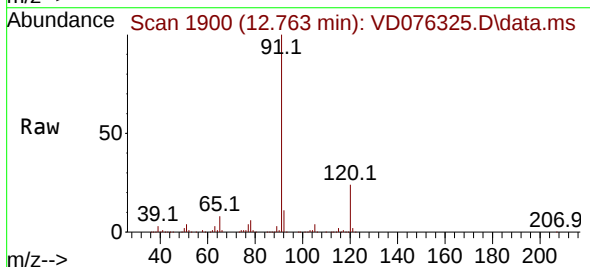
Acq: 05 Jun 2023 14:20

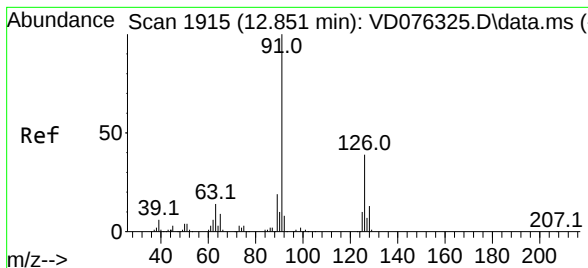
Tgt Ion: 91 Resp: 699392

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.2





#79

2-Chlorotoluene

Concen: 51.628 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

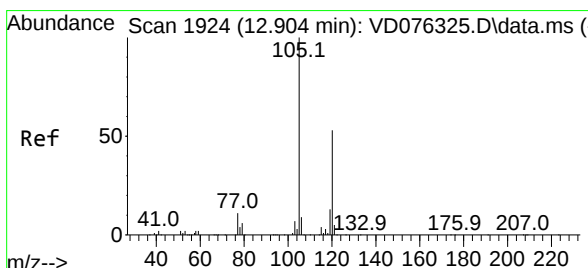
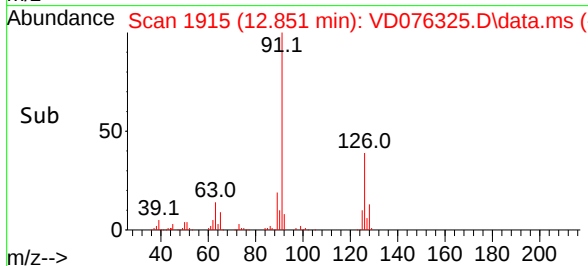
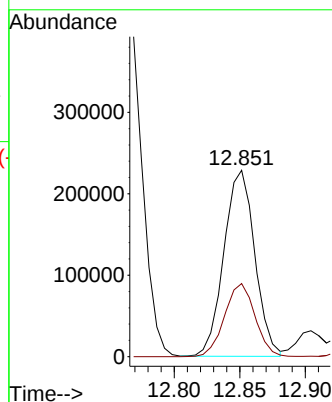
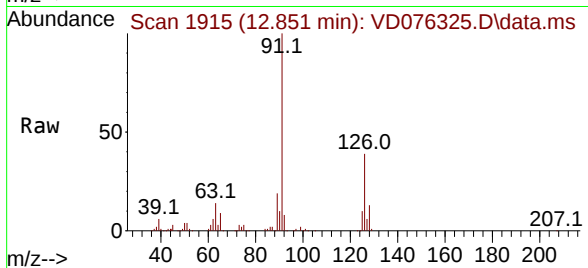
VSTDICCC050

Tgt Ion: 91 Resp: 374611

Ion Ratio Lower Upper

91 100

126 38.8 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 53.193 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076325.D

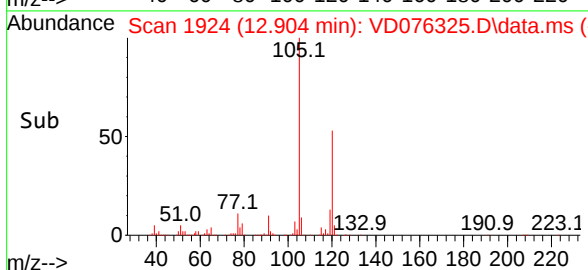
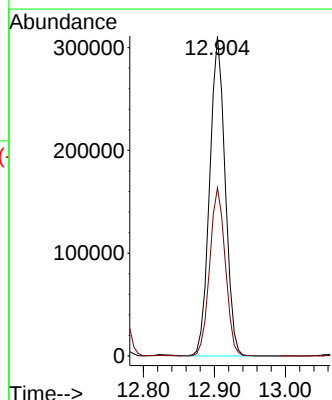
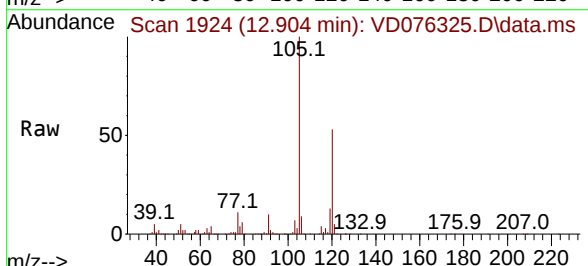
Acq: 05 Jun 2023 14:20

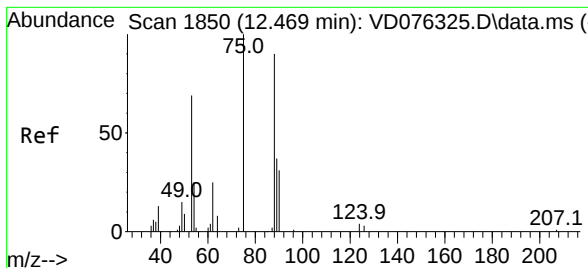
Tgt Ion: 105 Resp: 471936

Ion Ratio Lower Upper

105 100

120 52.8 26.4 79.2

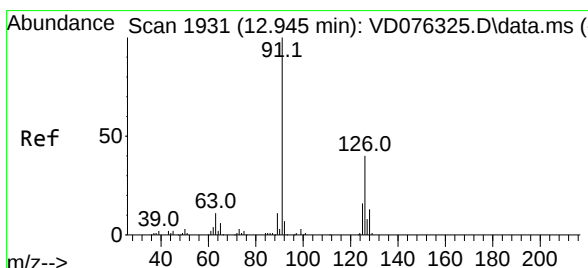
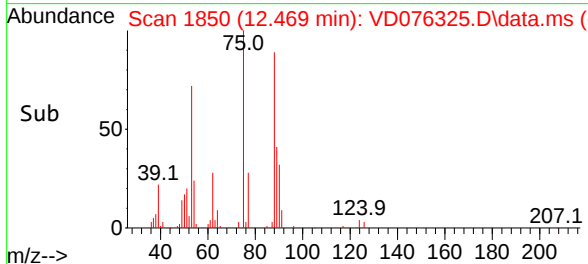
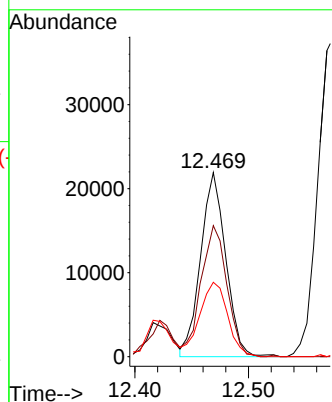
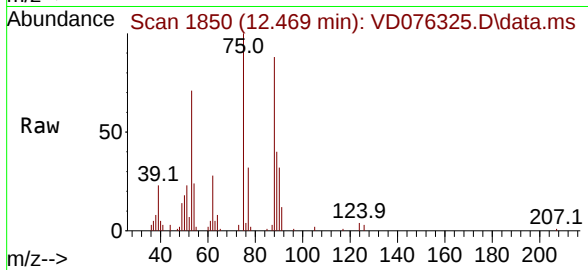




#81
trans-1,4-Dichloro-2-butene
Concen: 51.359 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

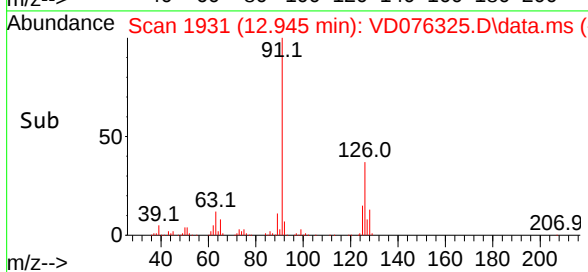
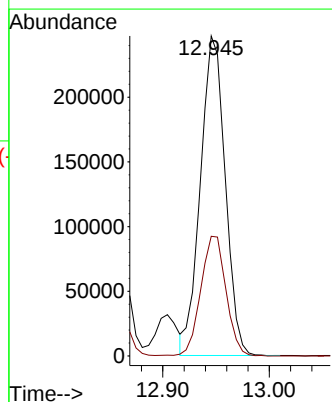
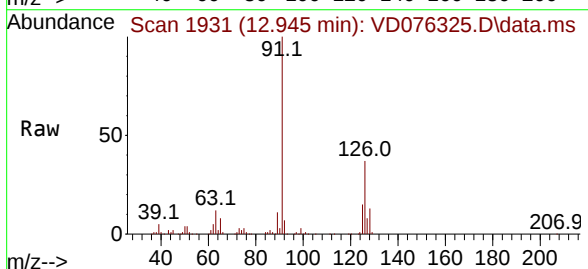
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

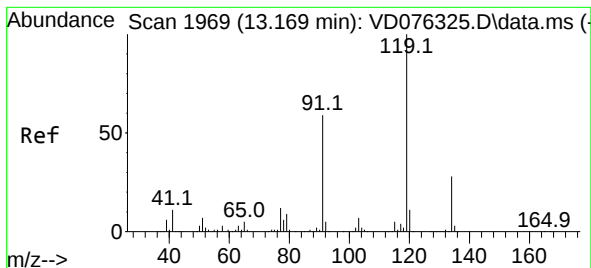
Tgt Ion: 75 Resp: 33642
Ion Ratio Lower Upper
75 100
53 73.7 63.0 94.4
89 45.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.733 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 91 Resp: 399676
Ion Ratio Lower Upper
91 100
126 38.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 52.061 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

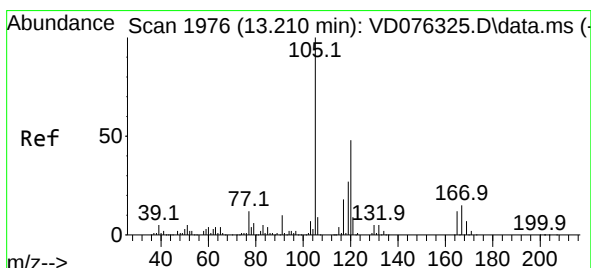
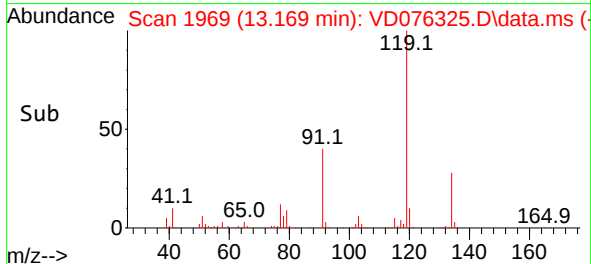
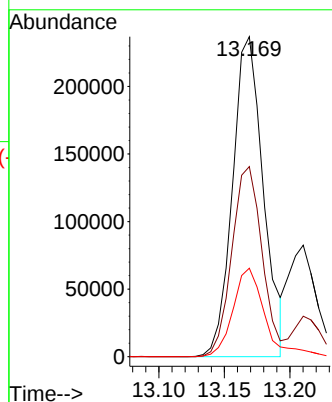
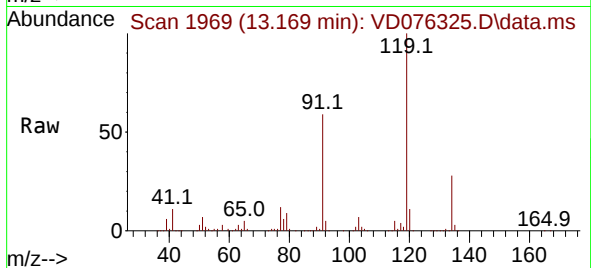
Tgt Ion:119 Resp: 387328

Ion Ratio Lower Upper

119 100

91 58.3 29.3 87.8

134 28.6 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 53.801 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076325.D

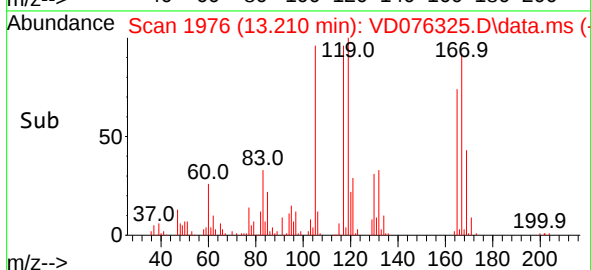
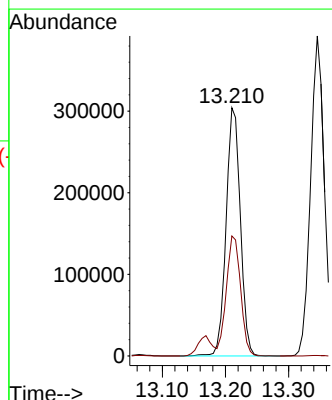
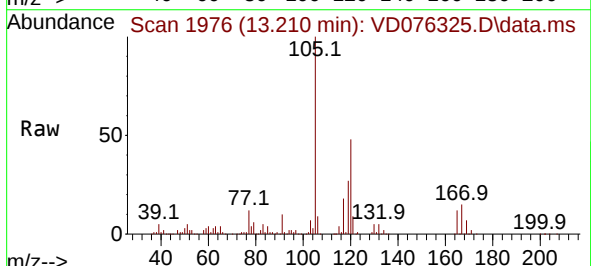
Acq: 05 Jun 2023 14:20

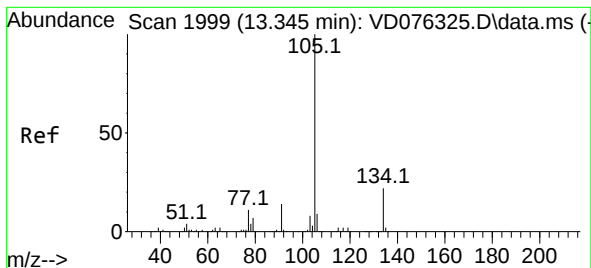
Tgt Ion:105 Resp: 476725

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 51.661 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

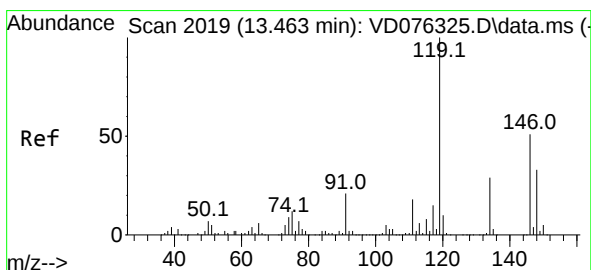
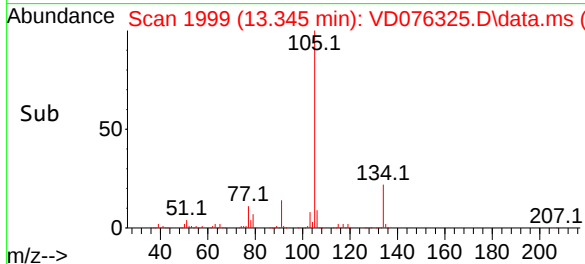
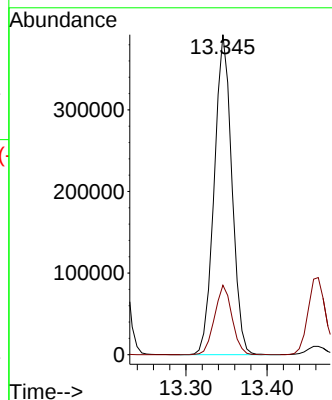
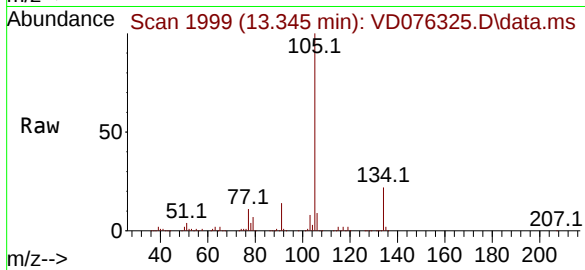
VSTDICCC050

Tgt Ion:105 Resp: 591188

Ion Ratio Lower Upper

105 100

134 21.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 52.360 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

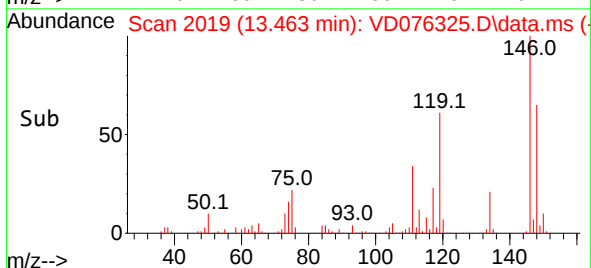
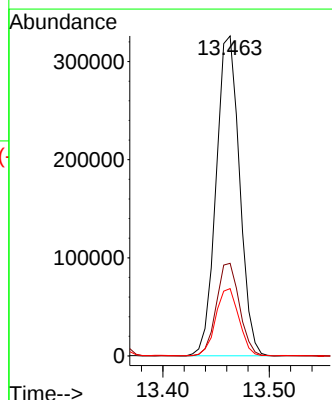
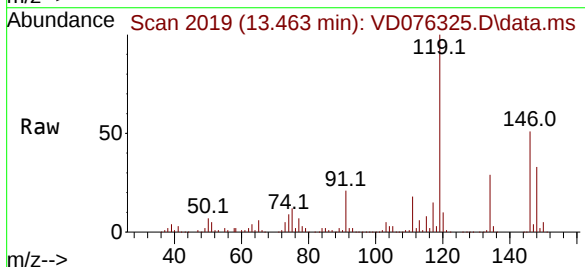
Tgt Ion:119 Resp: 496655

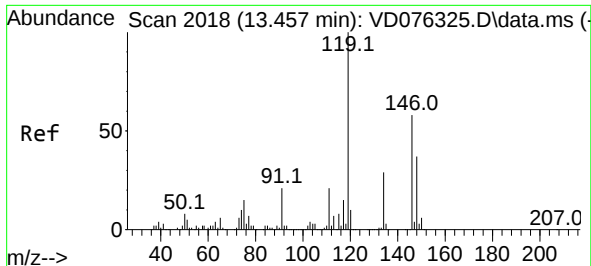
Ion Ratio Lower Upper

119 100

134 28.7 14.2 42.6

91 20.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 51.531 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

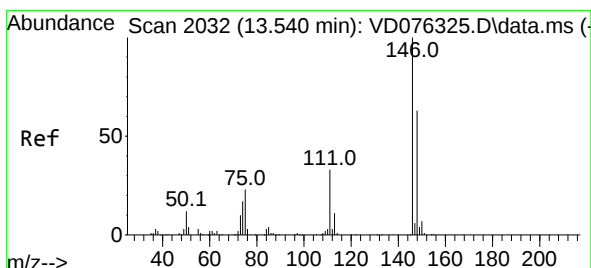
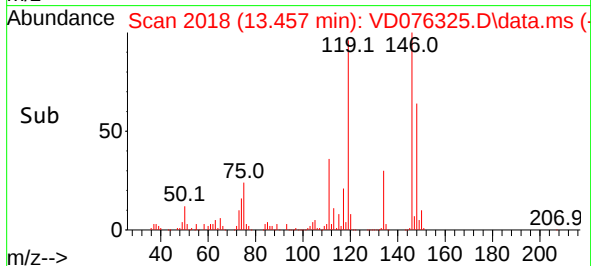
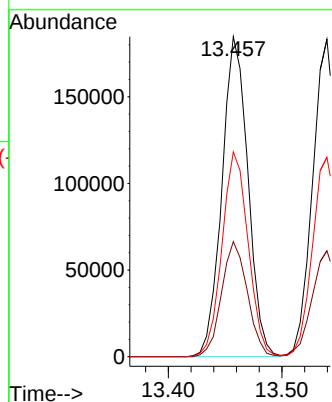
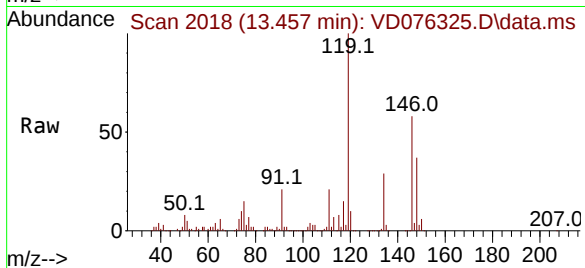
Tgt Ion:146 Resp: 293873

Ion Ratio Lower Upper

146 100

111 35.7 17.9 53.8

148 64.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 50.184 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076325.D

Acq: 05 Jun 2023 14:20

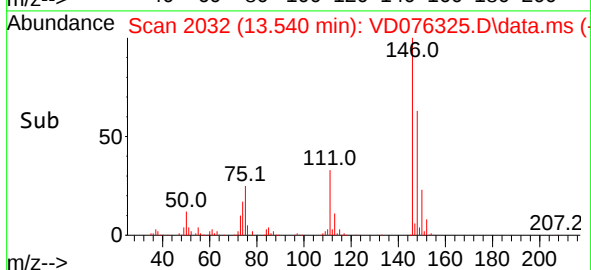
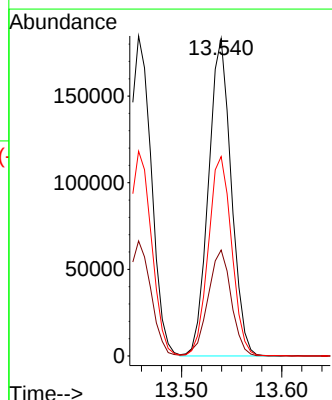
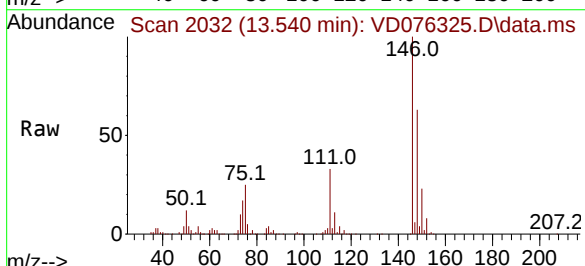
Tgt Ion:146 Resp: 289771

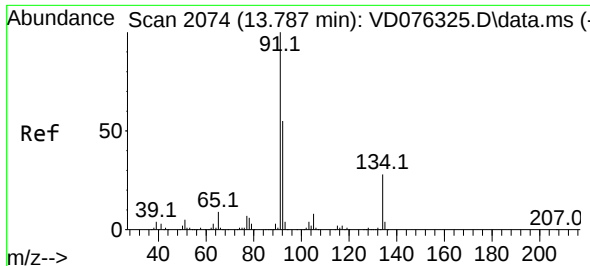
Ion Ratio Lower Upper

146 100

111 34.1 17.4 52.3

148 64.1 31.7 95.1

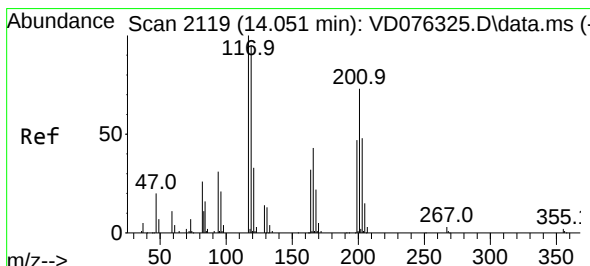
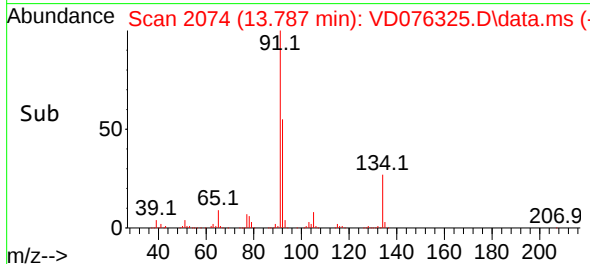
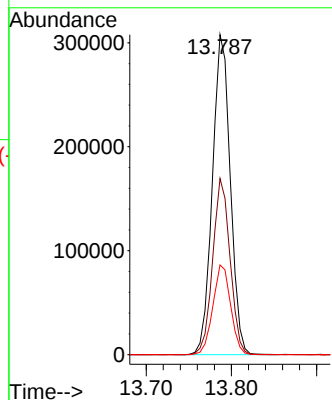
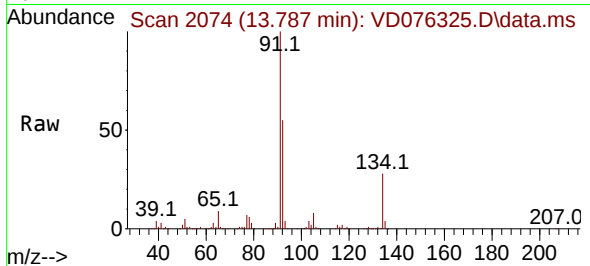




#89
n-Butylbenzene
Concen: 50.947 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

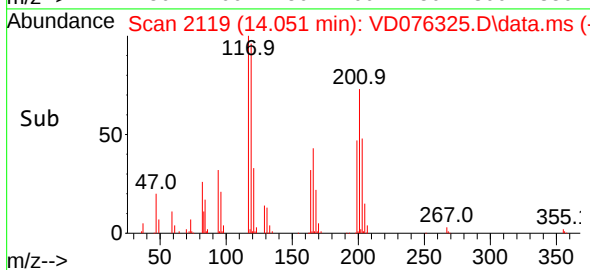
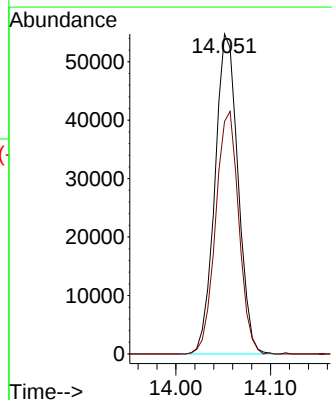
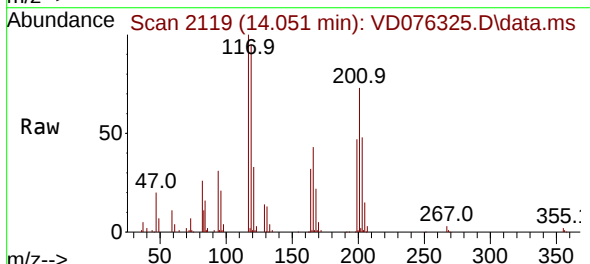
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

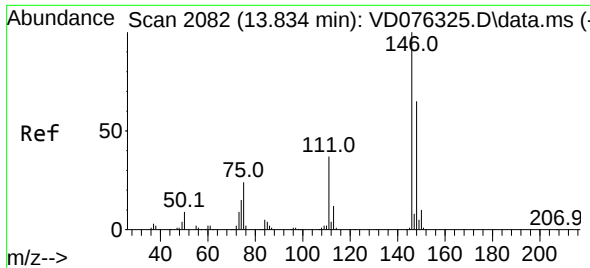
Tgt Ion: 91 Resp: 449163
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.5
134 27.8 13.8 41.3



#90
Hexachloroethane
Concen: 48.814 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 117 Resp: 92966
Ion Ratio Lower Upper
117 100
201 75.9 38.5 115.5

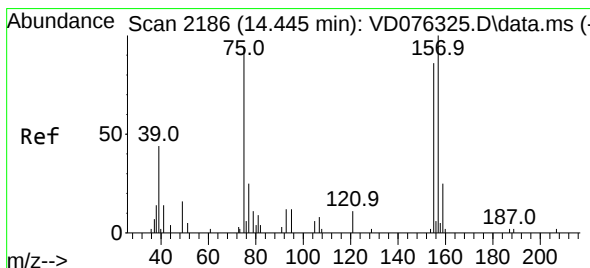
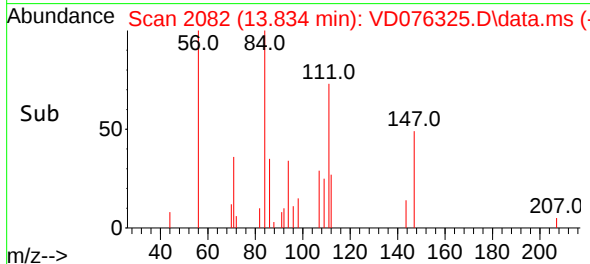
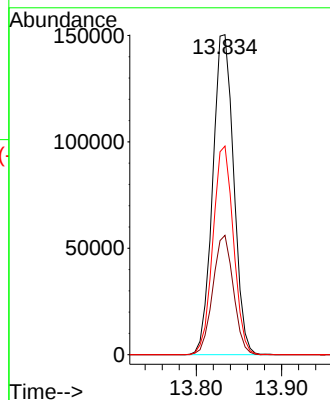
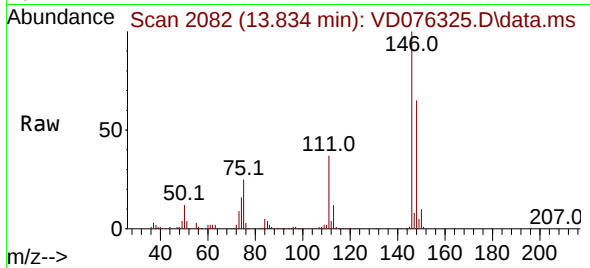




#91
1,2-Dichlorobenzene
Concen: 51.925 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

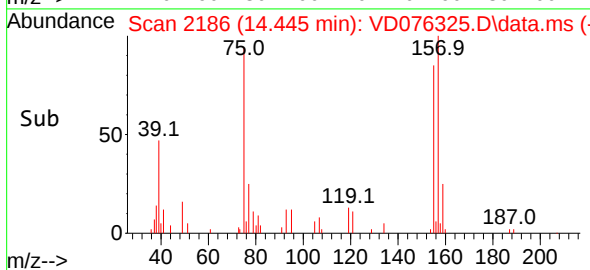
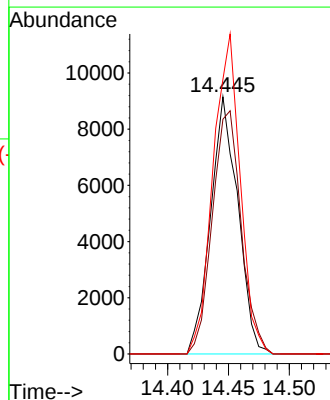
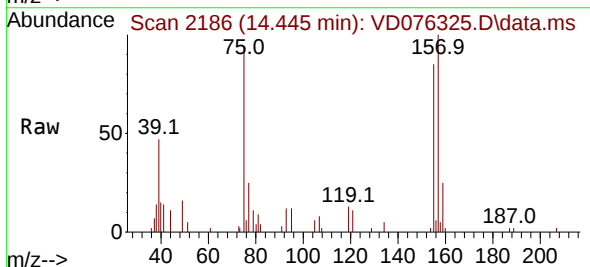
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

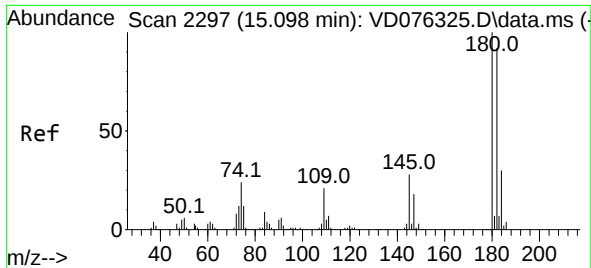
Tgt Ion:146 Resp: 257090
Ion Ratio Lower Upper
146 100
111 36.6 18.3 54.8
148 63.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.178 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076325.D
Acq: 05 Jun 2023 14:20

Tgt Ion: 75 Resp: 14277
Ion Ratio Lower Upper
75 100
155 100.0 47.9 143.8
157 123.4 59.9 179.7

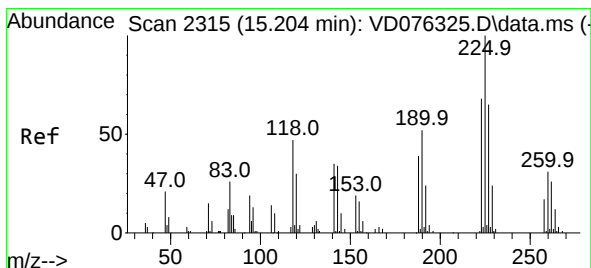
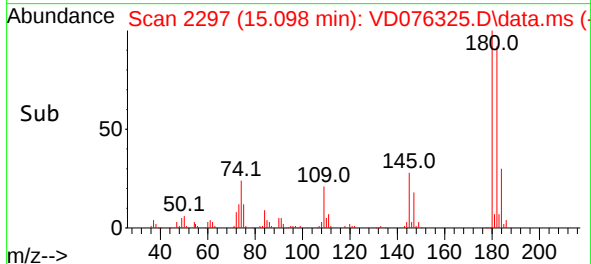
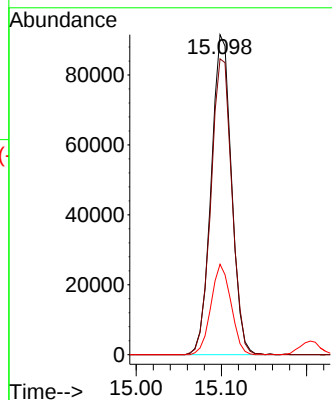
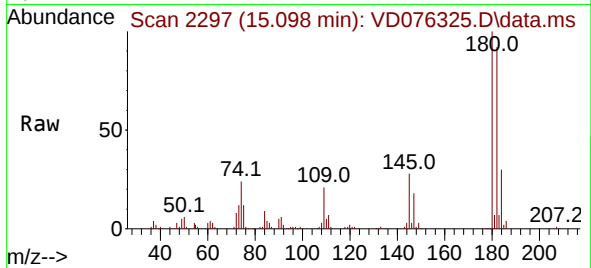




#93
 1,2,4-Trichlorobenzene
 Concen: 52.750 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076325.D
 Acq: 05 Jun 2023 14:20

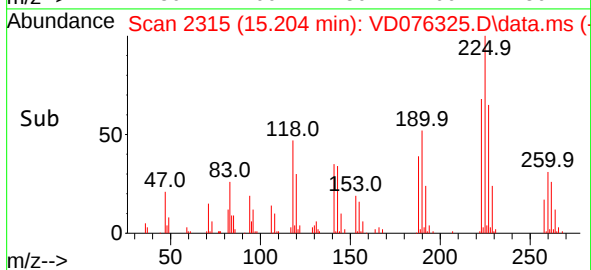
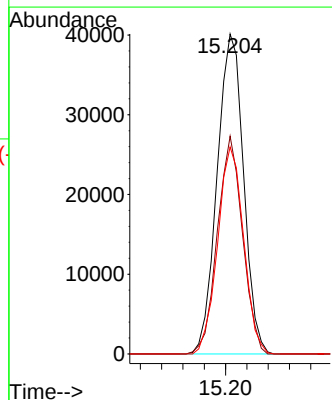
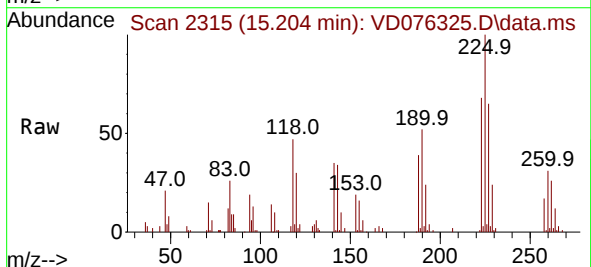
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

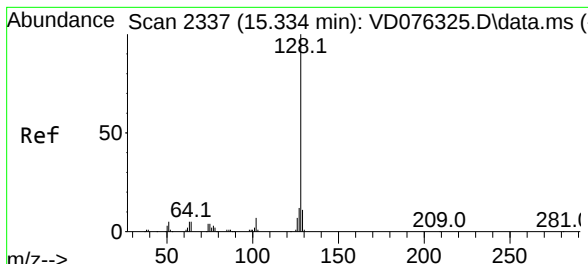
Tgt Ion:180 Resp: 151800
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.5 145.6
 145 27.9 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 49.145 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD076325.D
 Acq: 05 Jun 2023 14:20

Tgt Ion:225 Resp: 69147
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.6 94.8
 227 63.3 31.7 95.1



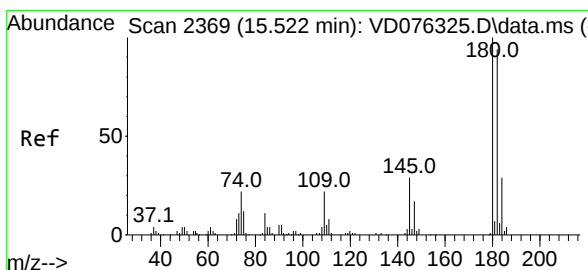
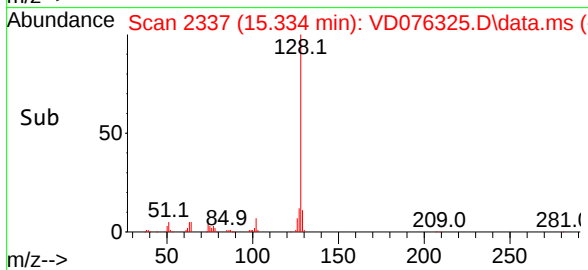
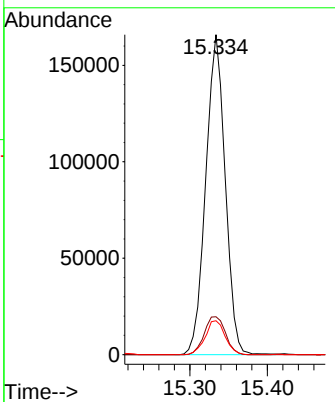
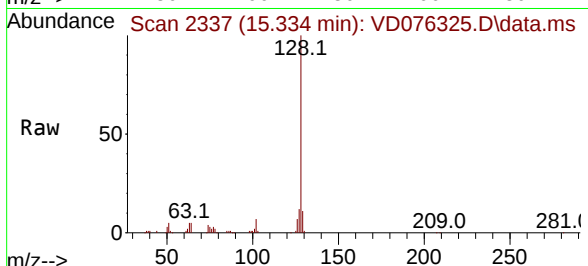


#95
 Naphthalene
 Concen: 48.256 ug/l
 RT: 15.334 min Scan# 2337
 Delta R.T. -0.000 min
 Lab File: VD076325.D
 Acq: 05 Jun 2023 14:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:128 Resp: 289007

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.5	15.7
129	10.6	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 53.677 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD076325.D
 Acq: 05 Jun 2023 14:20

Tgt Ion:180 Resp: 136603

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.9
145	29.0	15.1	45.3

