

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076736.D
 Acq On : 14 Jul 2023 12:22
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jul 17 09:07:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	170884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	324591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	315811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	149737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	20849	12.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	24.500%#
35) Dibromofluoromethane	7.799	113	23832	11.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.360%#
50) Toluene-d8	10.269	98	83077	11.385	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	22.780%#
62) 4-Bromofluorobenzene	12.569	95	25259	10.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	14977	11.208	ug/l	97
3) Chloromethane	2.146	50	26656	11.564	ug/l	97
4) Vinyl Chloride	2.276	62	34740	11.306	ug/l	95
5) Bromomethane	2.681	94	25281	9.999	ug/l	99
6) Chloroethane	2.828	64	26146	11.270	ug/l	92
7) Trichlorofluoromethane	3.164	101	30762	11.251	ug/l	90
8) Diethyl Ether	3.593	74	10833	11.508	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.958	101	19919	11.083	ug/l	96
10) Methyl Iodide	4.152	142	20414	10.076	ug/l #	91
11) Tert butyl alcohol	5.058	59	8271	65.121	ug/l #	81
12) 1,1-Dichloroethene	3.934	96	18656	11.048	ug/l	97
13) Acrolein	3.799	56	7221	83.429	ug/l	95
14) Allyl chloride	4.552	41	22586	10.182	ug/l	90
15) Acrylonitrile	5.258	53	25178	54.455	ug/l	97
16) Acetone	4.017	43	23499	57.810	ug/l	91
17) Carbon Disulfide	4.258	76	40170	10.185	ug/l	96
18) Methyl Acetate	4.569	43	17106	11.201	ug/l	97
19) Methyl tert-butyl Ether	5.311	73	47564	10.504	ug/l	99
20) Methylene Chloride	4.799	84	36184	5.856	ug/l	95
21) trans-1,2-Dichloroethene	5.317	96	20310	10.347	ug/l	95
22) Diisopropyl ether	6.216	45	54741	10.421	ug/l	93
23) Vinyl Acetate	6.152	43	133832	51.494	ug/l	96
24) 1,1-Dichloroethane	6.099	63	39191	11.066	ug/l	93
25) 2-Butanone	7.081	43	31229	57.404	ug/l #	83
26) 2,2-Dichloropropane	7.069	77	34708	11.369	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	25667	10.608	ug/l	92
28) Bromochloromethane	7.422	49	11677	13.188	ug/l #	85
29) Tetrahydrofuran	7.446	42	17609	54.784	ug/l	95
30) Chloroform	7.593	83	40817	10.523	ug/l	96
31) Cyclohexane	7.875	56	27357	10.921	ug/l	92
32) 1,1,1-Trichloroethane	7.787	97	33793	10.798	ug/l	96
36) 1,1-Dichloropropene	8.005	75	26460	9.927	ug/l	95
37) Ethyl Acetate	7.163	43	12601	10.571	ug/l	95
38) Carbon Tetrachloride	7.993	117	24744	9.695	ug/l	93
39) Methylcyclohexane	9.275	83	29182	9.482	ug/l	96
40) Benzene	8.246	78	86828	10.324	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	7344	10.089	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	23345	10.683	ug/l	95
43) Isopropyl Acetate	8.358	43	23669	10.175	ug/l #	82
44) Trichloroethene	9.022	130	22940	10.010	ug/l	85
45) 1,2-Dichloropropane	9.305	63	21980	10.125	ug/l	91
46) Dibromomethane	9.393	93	13829	10.883	ug/l	87
47) Bromodichloromethane	9.581	83	32292	10.127	ug/l	100
48) Methyl methacrylate	9.381	41	11187	10.566	ug/l #	79
49) 1,4-Dioxane	9.387	88	2807	172.413	ug/l #	70
51) 4-Methyl-2-Pentanone	10.157	43	64339	51.945	ug/l	93
52) Toluene	10.334	92	55056	9.968	ug/l	93
53) t-1,3-Dichloropropene	10.557	75	29075	9.823	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	36030	10.329	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	19670	10.600	ug/l	92
56) Ethyl methacrylate	10.593	69	21036	9.822	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	30992	10.256	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	43895	52.949	ug/l	98
59) 2-Hexanone	10.922	43	46709	52.851	ug/l	87
60) Dibromochloromethane	11.075	129	21994	10.203	ug/l	99
61) 1,2-Dibromoethane	11.181	107	18546	10.780	ug/l	95
64) Tetrachloroethene	10.804	164	17087	9.489	ug/l	95
65) Chlorobenzene	11.610	112	65391	10.295	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	24794	10.485	ug/l	95
67) Ethyl Benzene	11.681	91	108255	9.705	ug/l	95
68) m/p-Xylenes	11.793	106	83625	19.520	ug/l	91
69) o-Xylene	12.122	106	37271	8.997	ug/l	88
70) Styrene	12.134	104	63889	8.810	ug/l	96
71) Bromoform	12.293	173	12736	9.834	ug/l #	100
73) Isopropylbenzene	12.422	105	98958	9.109	ug/l	96
74) N-amyl acetate	12.234	43	21787	9.520	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	22979	9.852	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	27287	19.162	ug/l #	100
77) Bromobenzene	12.698	156	24577	9.801	ug/l	85
78) n-propylbenzene	12.763	91	122986	9.338	ug/l	98
79) 2-Chlorotoluene	12.846	91	71705	9.930	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	84562	9.626	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	6305	9.423	ug/l	98
82) 4-Chlorotoluene	12.946	91	76851	10.187	ug/l	94
83) tert-Butylbenzene	13.163	119	74512	9.634	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	84159	9.375	ug/l	96
85) sec-Butylbenzene	13.345	105	116378	9.848	ug/l	96
86) p-Isopropyltoluene	13.457	119	92739	9.503	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	52833	10.243	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	54944	10.873	ug/l	95
89) n-Butylbenzene	13.787	91	88968	9.316	ug/l	99
90) Hexachloroethane	14.051	117	18632	10.327	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	46259	10.178	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3603	10.834	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	29273	10.550	ug/l	92
94) Hexachlorobutadiene	15.204	225	13587	10.182	ug/l	96
95) Naphthalene	15.328	128	55125	9.176	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	24071	9.667	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

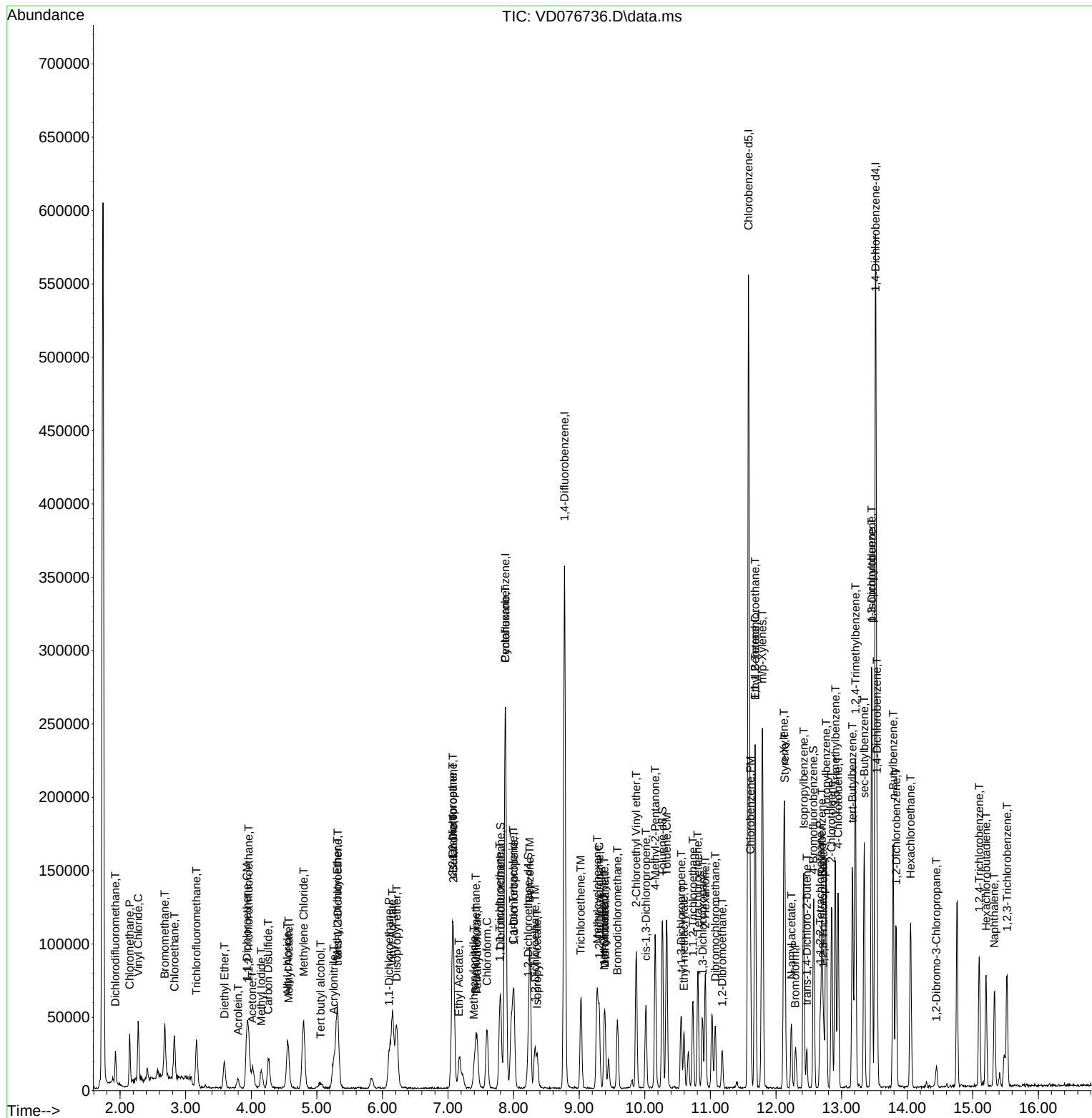
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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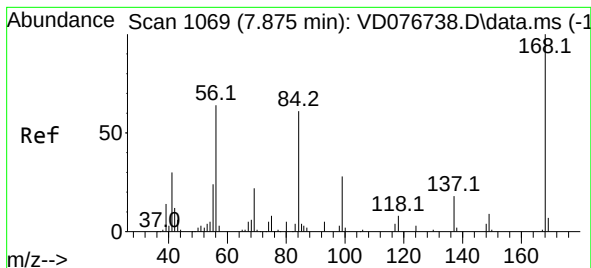
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

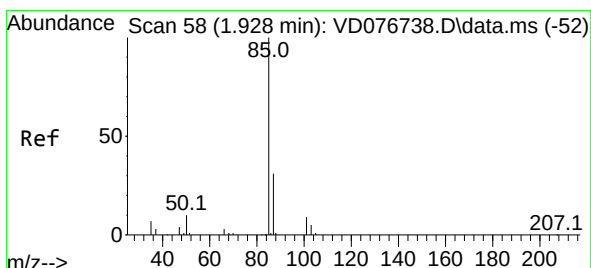
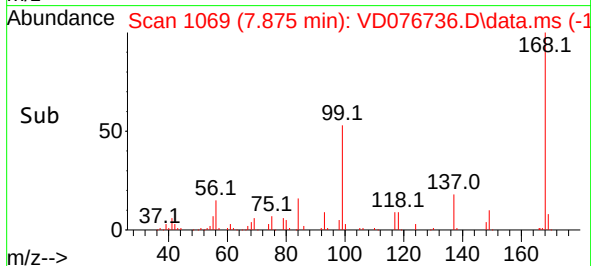
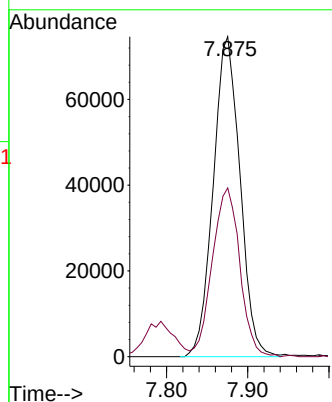
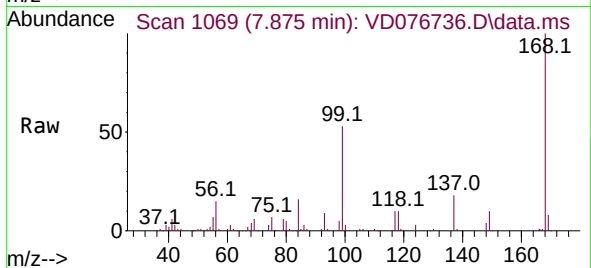
VSTDIC010

Tgt Ion:168 Resp: 170884

Ion Ratio Lower Upper

168 100

99 52.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 11.208 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076736.D

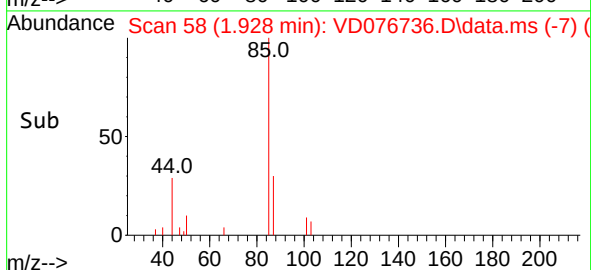
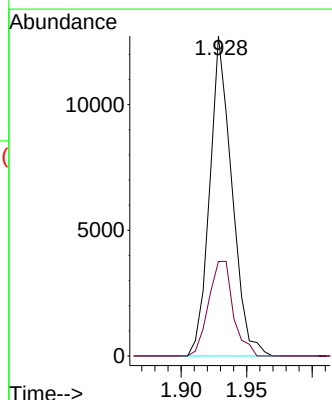
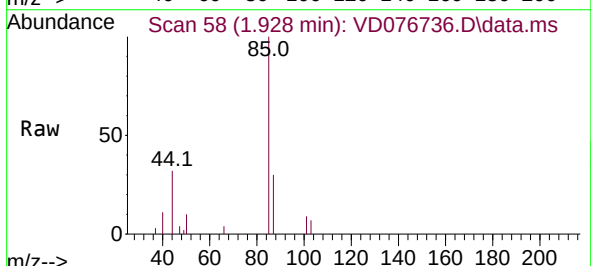
Acq: 14 Jul 2023 12:22

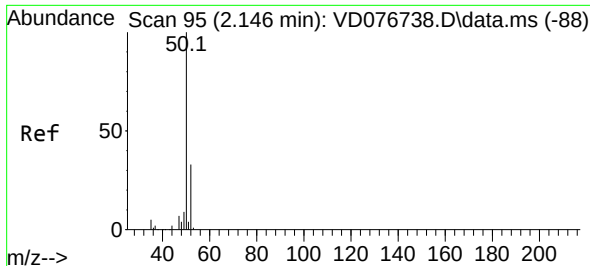
Tgt Ion: 85 Resp: 14977

Ion Ratio Lower Upper

85 100

87 29.5 15.7 47.0

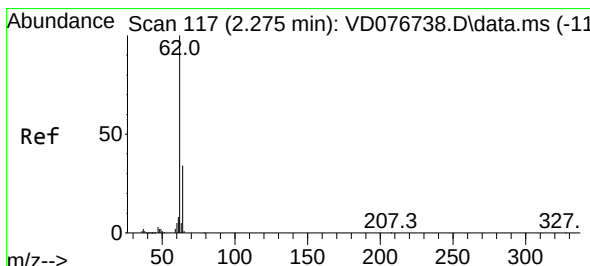
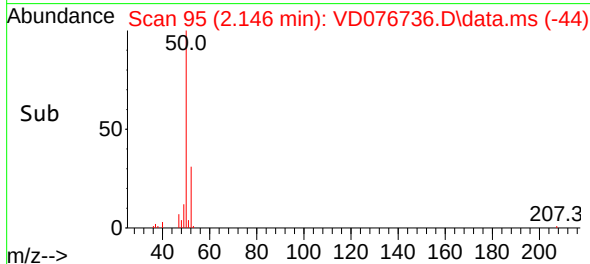
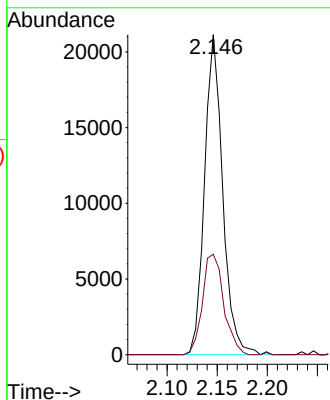
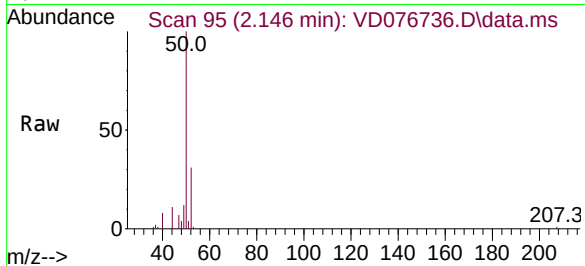




#3
Chloromethane
Concen: 11.564 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

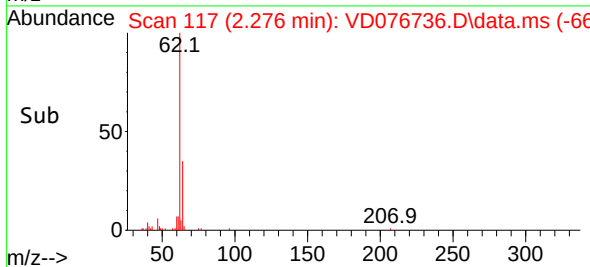
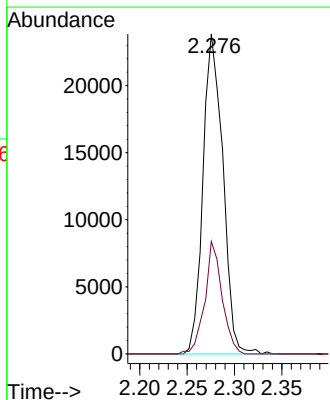
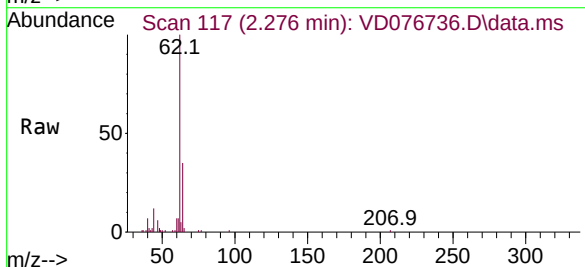
Instrument :
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ClientSampleId :
VSTDIC010

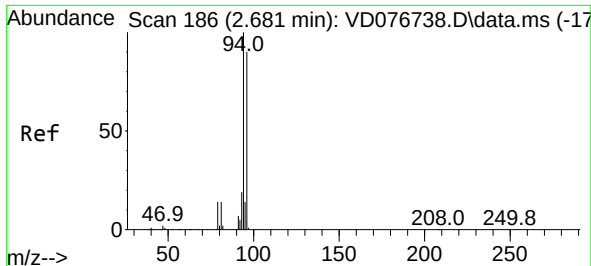
Tgt Ion: 50 Resp: 26656
Ion Ratio Lower Upper
50 100
52 31.4 26.6 40.0



#4
Vinyl Chloride
Concen: 11.306 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 62 Resp: 34740
Ion Ratio Lower Upper
62 100
64 35.2 26.0 39.0

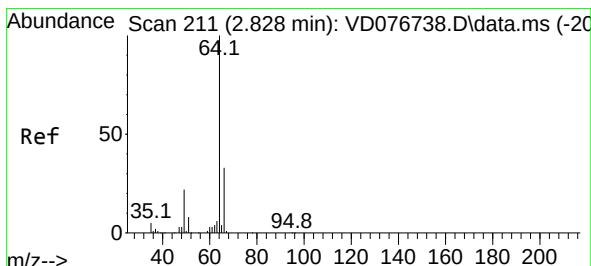
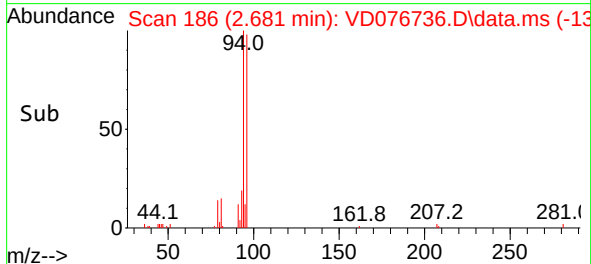
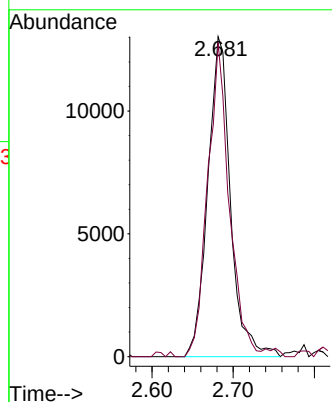
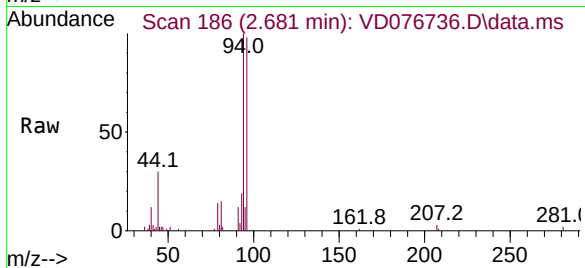




#5
Bromomethane
Concen: 9.999 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

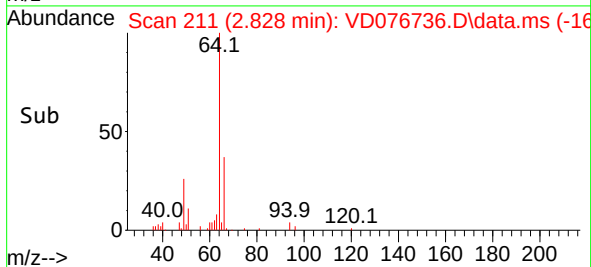
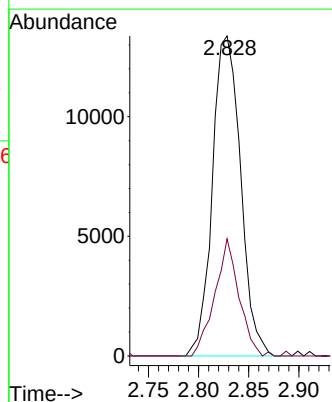
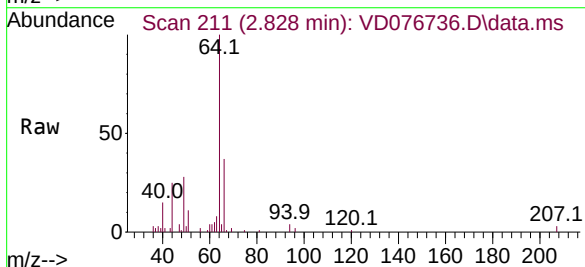
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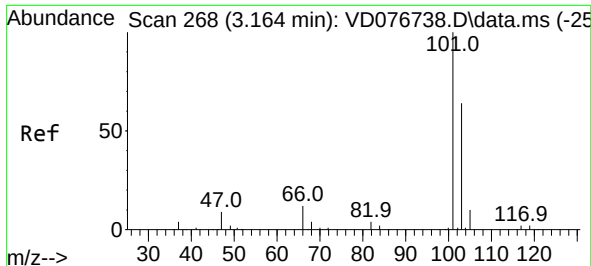
Tgt Ion: 94 Resp: 25281
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.8



#6
Chloroethane
Concen: 11.270 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 64 Resp: 26146
Ion Ratio Lower Upper
64 100
66 36.6 25.5 38.3

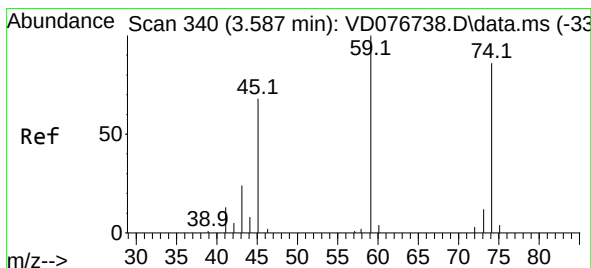
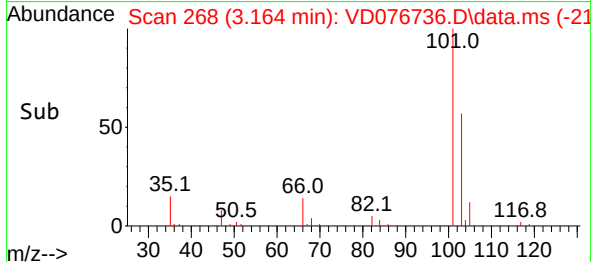
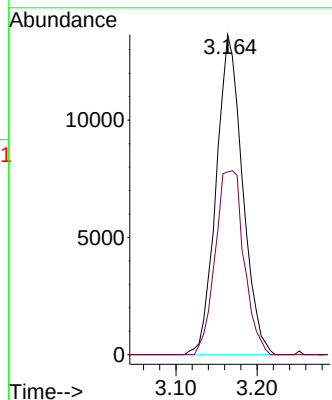
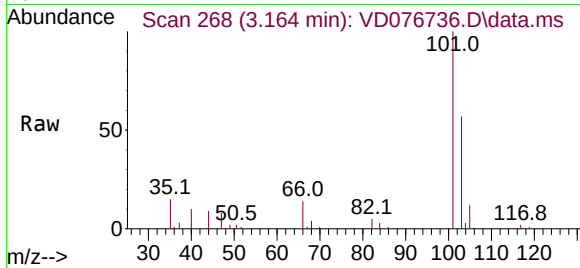




#7
 Trichlorofluoromethane
 Concen: 11.251 ug/l
 RT: 3.164 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VD076736.D
 Acq: 14 Jul 2023 12:22

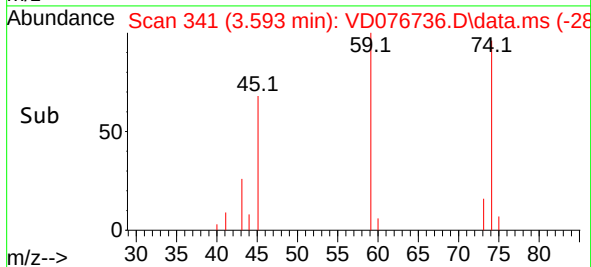
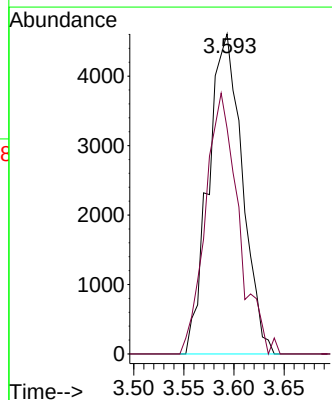
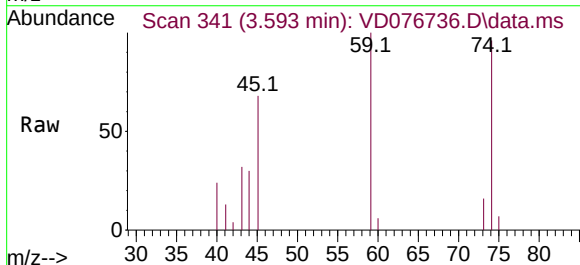
Instrument :
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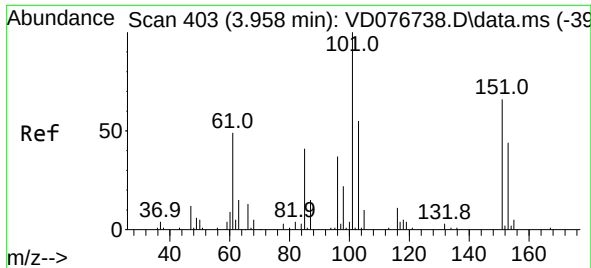
Tgt Ion:101 Resp: 30762
 Ion Ratio Lower Upper
 101 100
 103 57.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 11.508 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 10833
 Ion Ratio Lower Upper
 74 100
 45 79.6 37.5 112.7

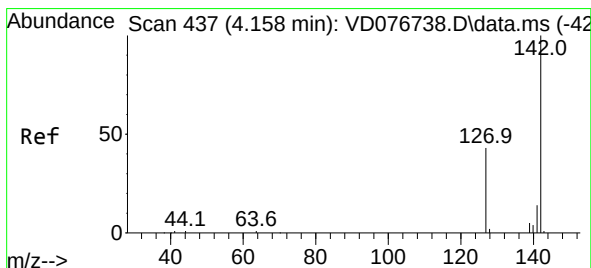
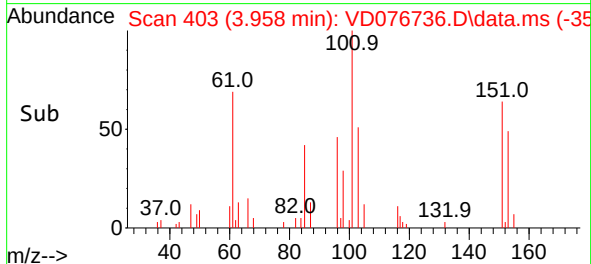
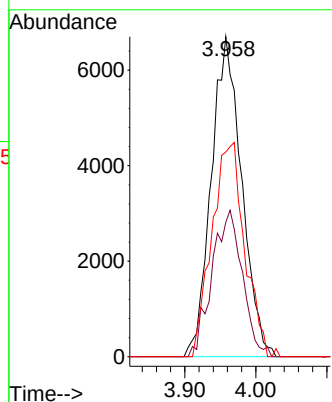
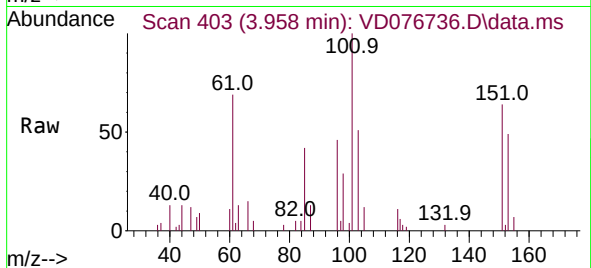




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.083 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

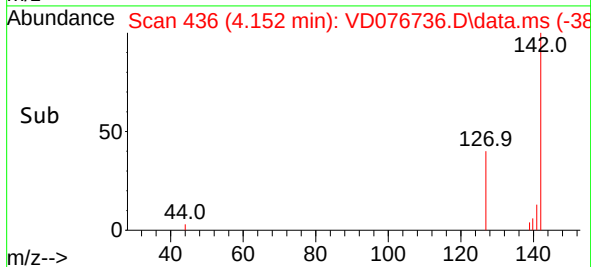
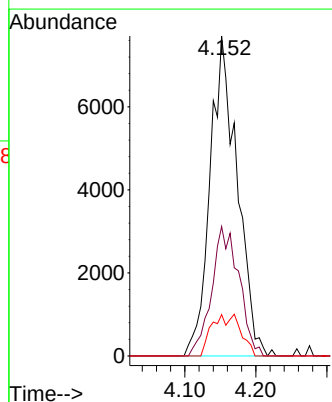
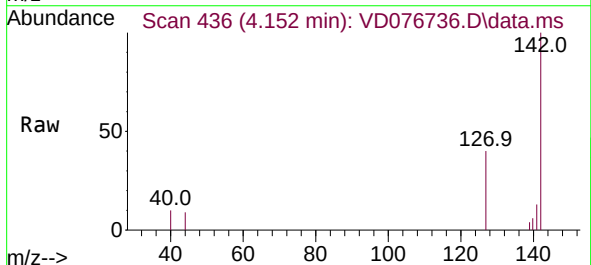
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

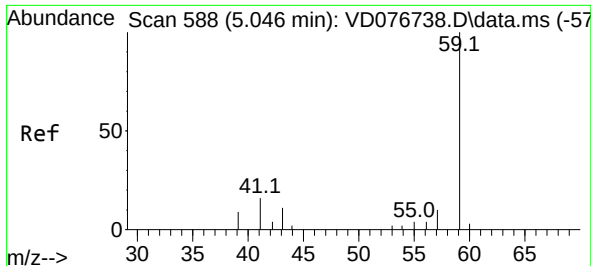
Tgt Ion:101	Resp:	19919
Ion	Ratio	Lower Upper
101	100	
85	45.7	33.8 50.6
151	71.8	59.8 89.6



#10
Methyl Iodide
Concen: 10.076 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion:142	Resp:	20414
Ion	Ratio	Lower Upper
142	100	
127	40.7	29.4 44.0
141	7.5	11.1 16.7

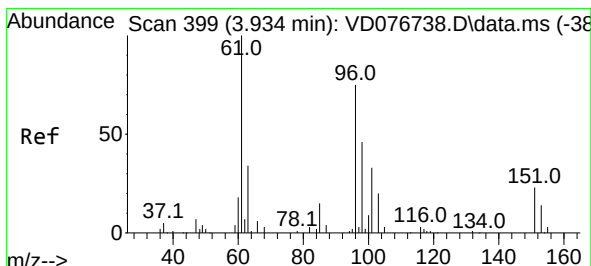
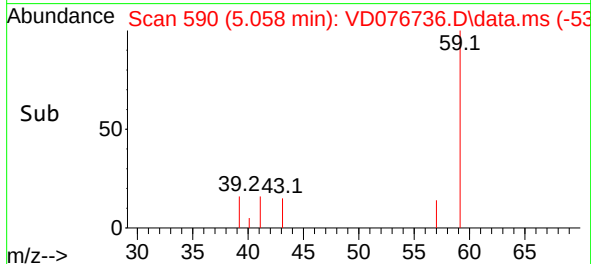
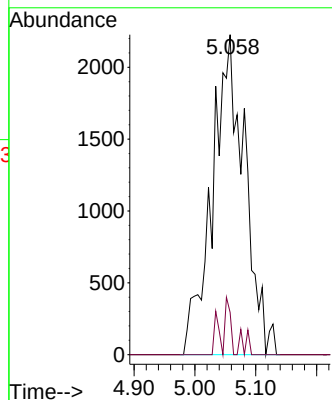
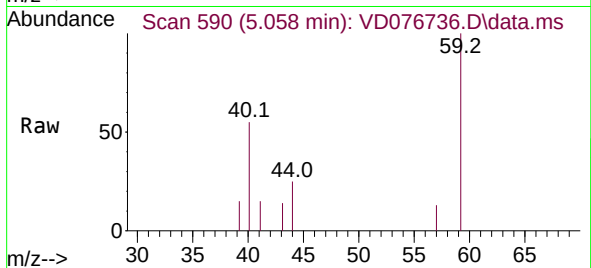




#11
Tert butyl alcohol
Concen: 65.121 ug/l
RT: 5.058 min Scan# 511
Delta R.T. 0.012 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

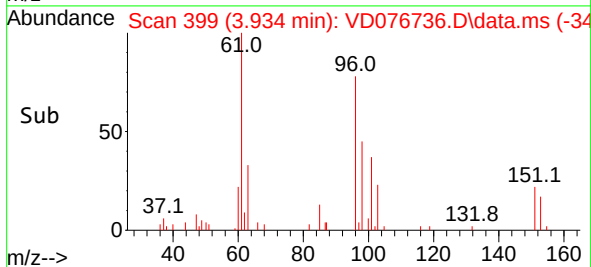
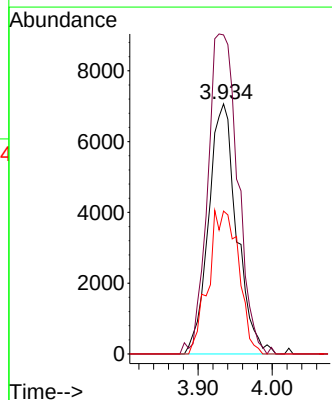
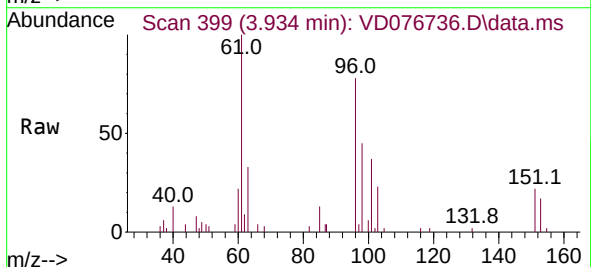
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

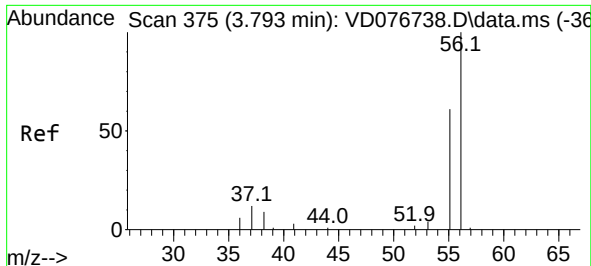
Tgt Ion: 59 Resp: 8271
Ion Ratio Lower Upper
59 100
57 3.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 11.048 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 96 Resp: 18656
Ion Ratio Lower Upper
96 100
61 127.6 100.6 150.8
98 57.1 50.2 75.2

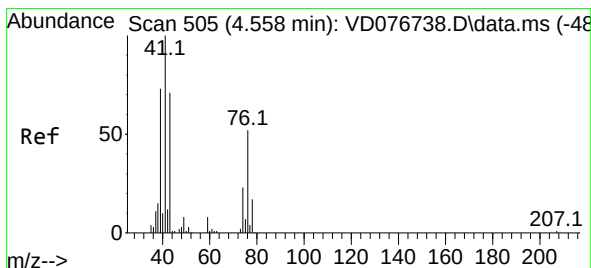
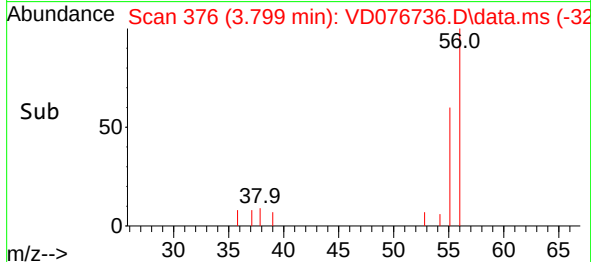
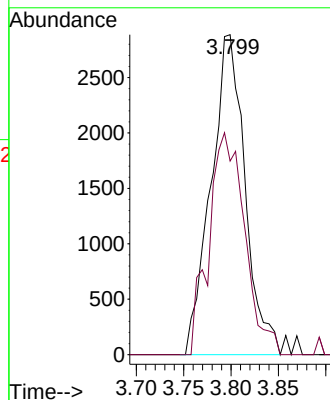
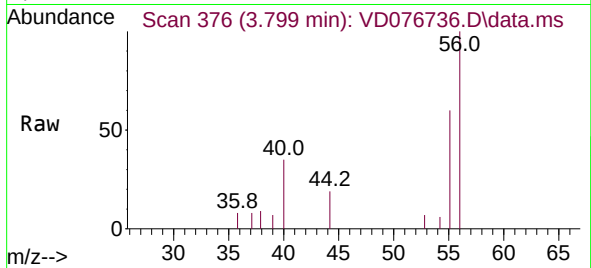




#13
Acrolein
Concen: 83.429 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

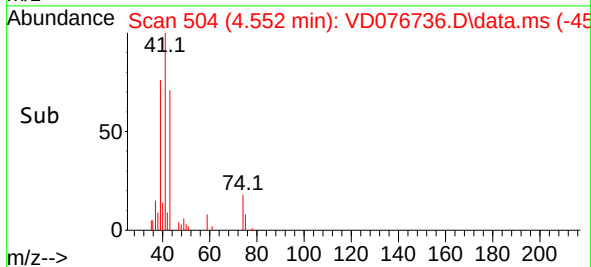
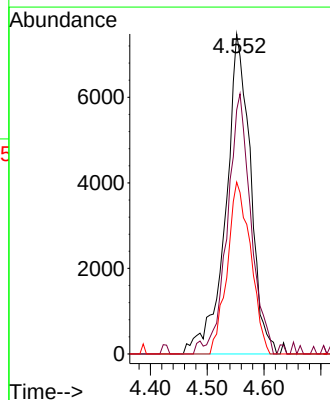
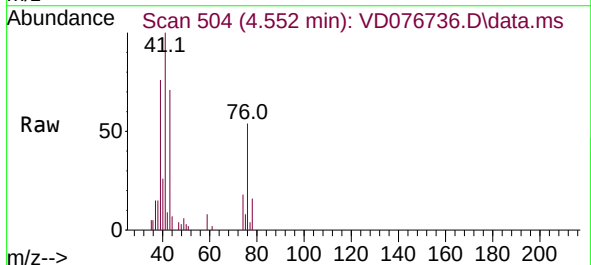
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

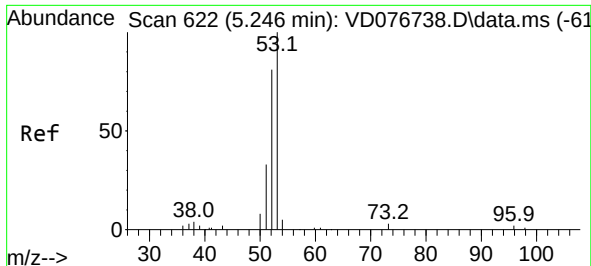
Tgt Ion: 56 Resp: 7221
Ion Ratio Lower Upper
56 100
55 73.0 55.1 82.7



#14
Allyl chloride
Concen: 10.182 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 41 Resp: 22586
Ion Ratio Lower Upper
41 100
39 76.3 53.8 80.6
76 50.8 45.8 68.8





#15

Acrylonitrile

Concen: 54.455 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

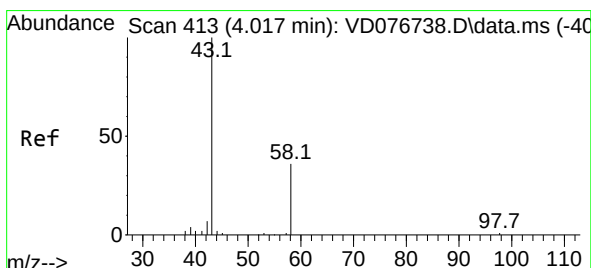
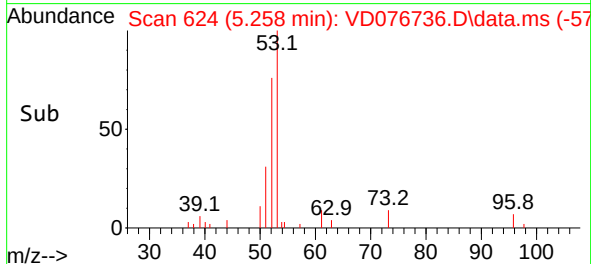
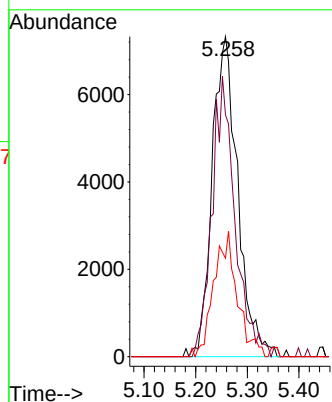
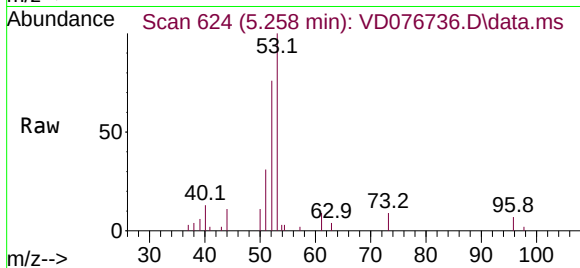
Tgt Ion: 53 Resp: 25178

Ion Ratio Lower Upper

53 100

52 78.8 65.0 97.4

51 34.1 28.3 42.5



#16

Acetone

Concen: 57.810 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD076736.D

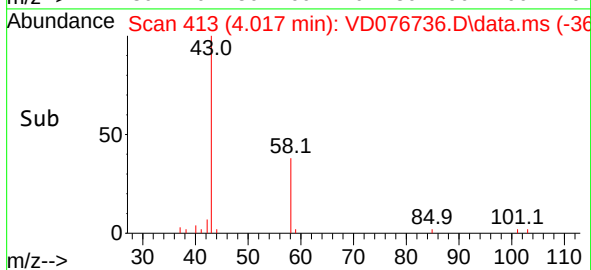
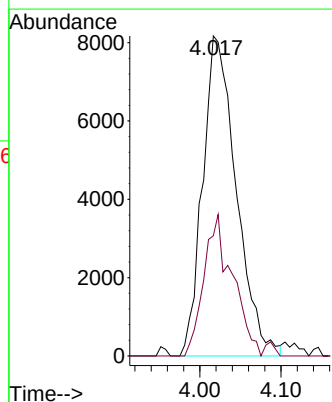
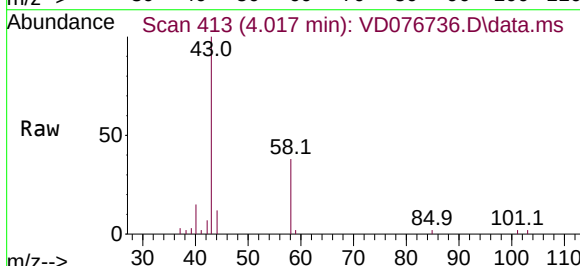
Acq: 14 Jul 2023 12:22

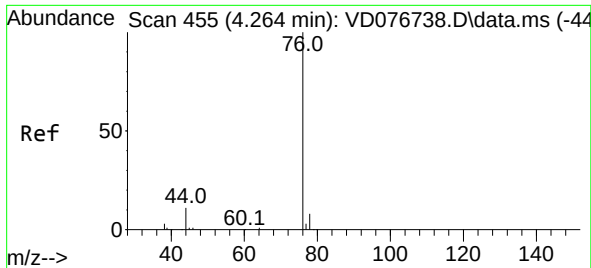
Tgt Ion: 43 Resp: 23499

Ion Ratio Lower Upper

43 100

58 37.5 34.7 52.1

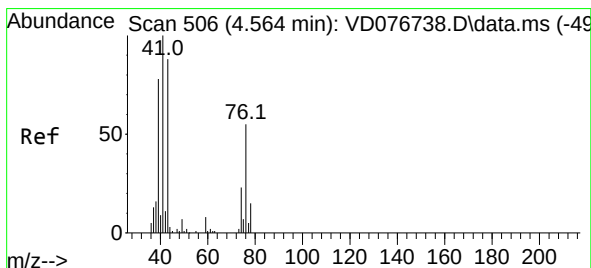
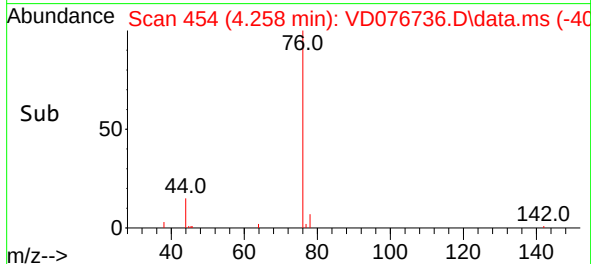
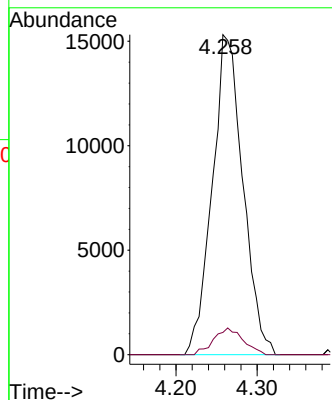
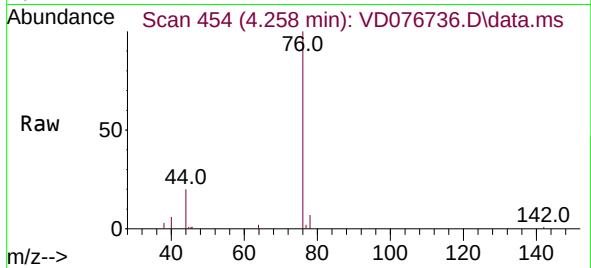




#17
Carbon Disulfide
Concen: 10.185 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

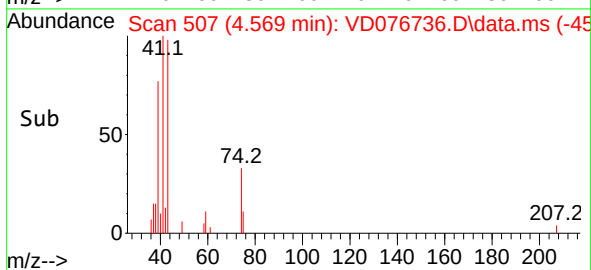
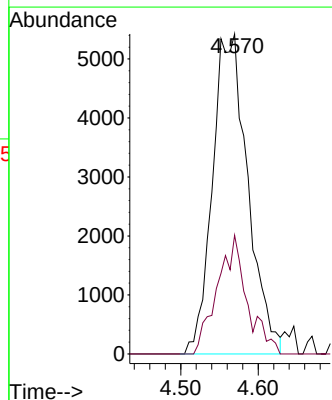
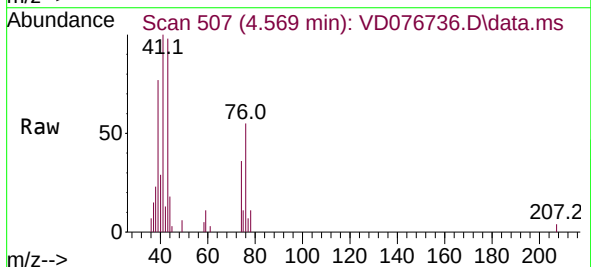
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

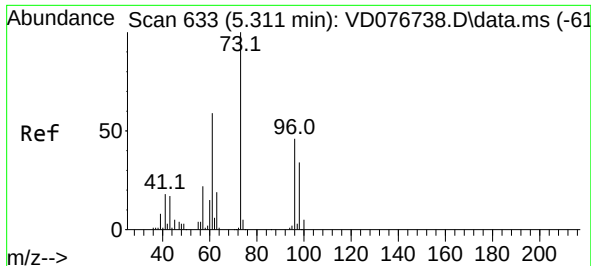
Tgt Ion: 76 Resp: 40170
Ion Ratio Lower Upper
76 100
78 6.9 6.8 10.2



#18
Methyl Acetate
Concen: 11.201 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 43 Resp: 17106
Ion Ratio Lower Upper
43 100
74 31.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 10.504 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

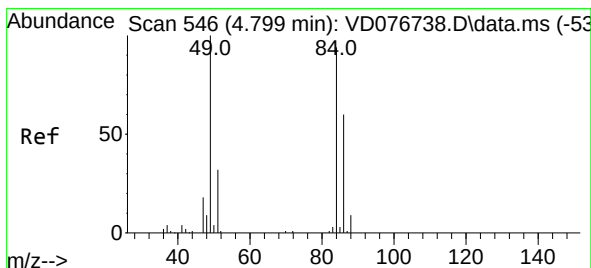
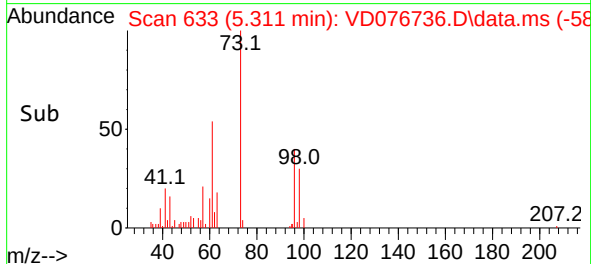
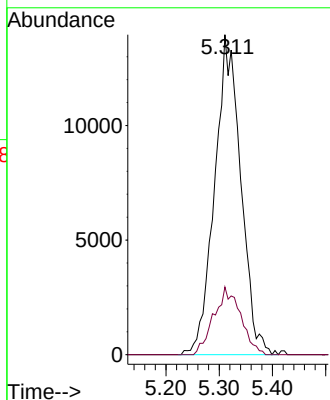
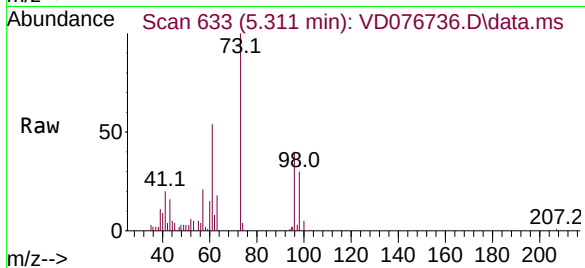
VSTDIC010

Tgt Ion: 73 Resp: 47564

Ion Ratio Lower Upper

73 100

57 21.1 16.6 25.0



#20

Methylene Chloride

Concen: 5.856 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Tgt Ion: 84 Resp: 36184

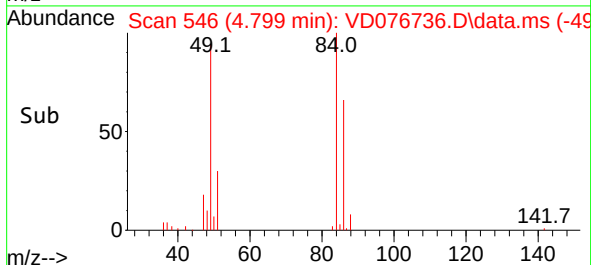
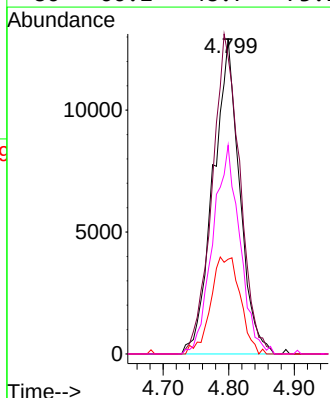
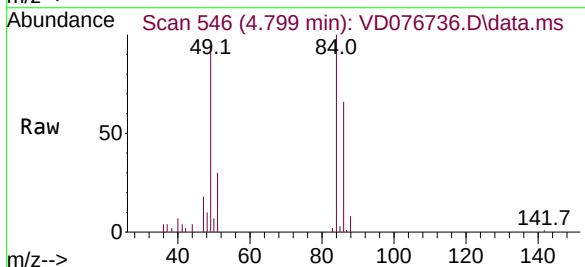
Ion Ratio Lower Upper

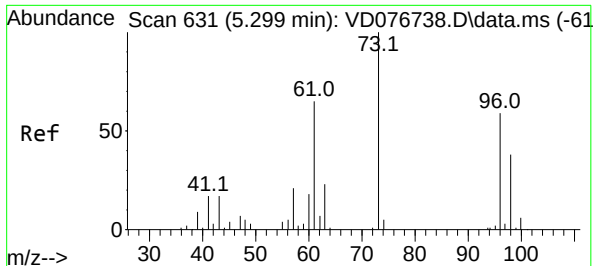
84 100

49 94.2 71.4 107.2

51 30.1 24.5 36.7

86 66.2 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 10.347 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.018 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

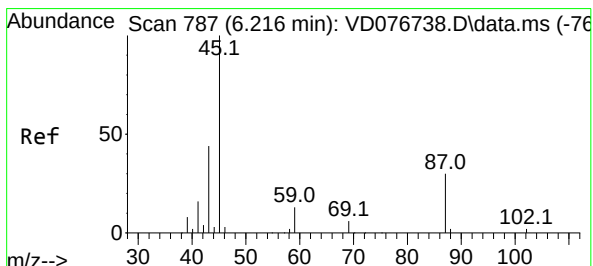
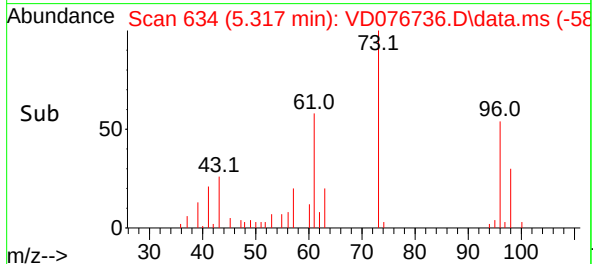
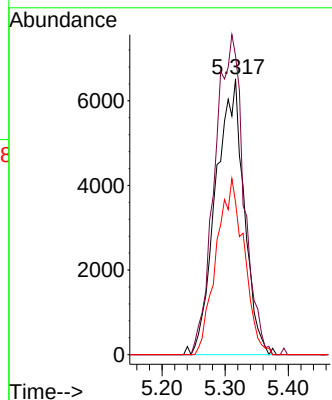
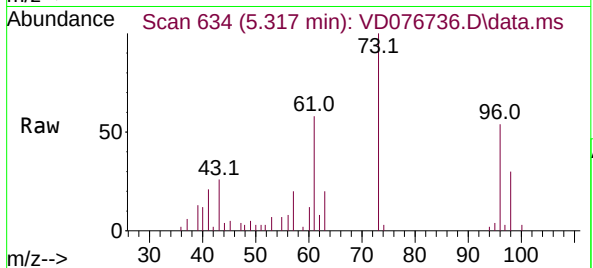
Tgt Ion: 96 Resp: 20310

Ion Ratio Lower Upper

96 100

61 108.4 89.3 133.9

98 55.2 48.6 73.0



#22

Diisopropyl ether

Concen: 10.421 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Tgt Ion: 45 Resp: 54741

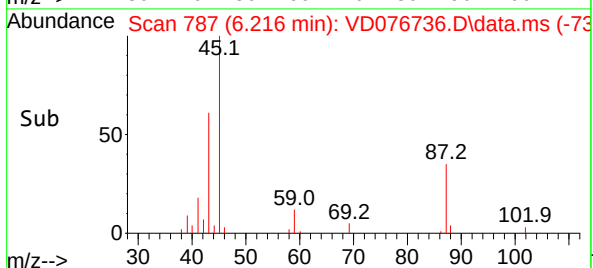
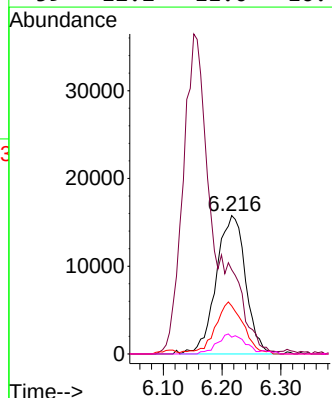
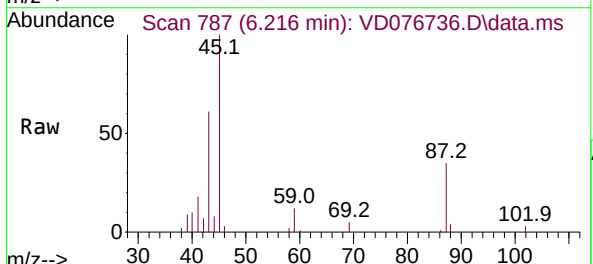
Ion Ratio Lower Upper

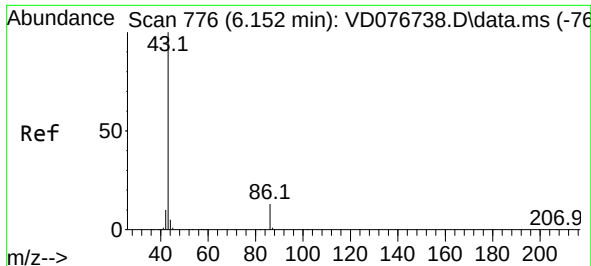
45 100

43 58.9 40.0 60.0

87 34.7 28.2 42.4

59 12.2 11.0 16.4

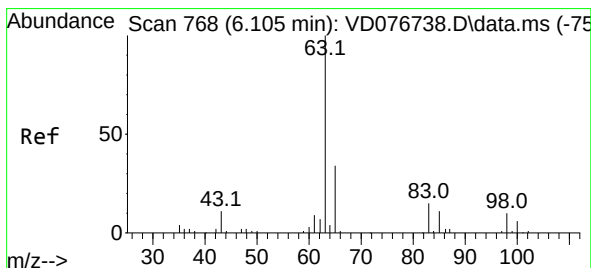
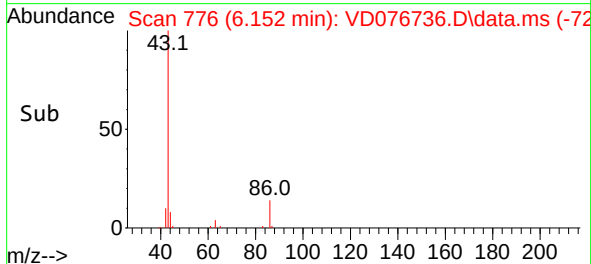
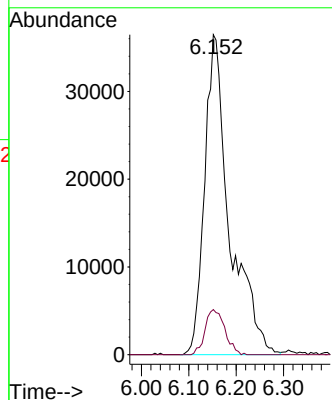
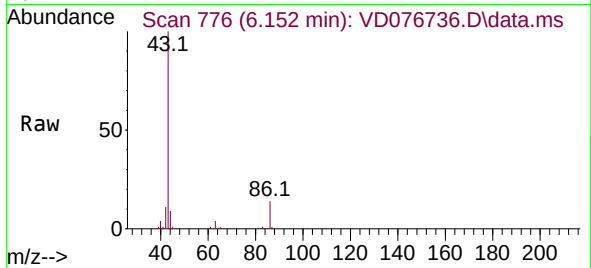




#23
 Vinyl Acetate
 Concen: 51.494 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076736.D
 Acq: 14 Jul 2023 12:22

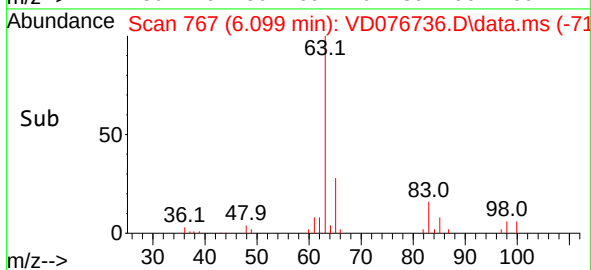
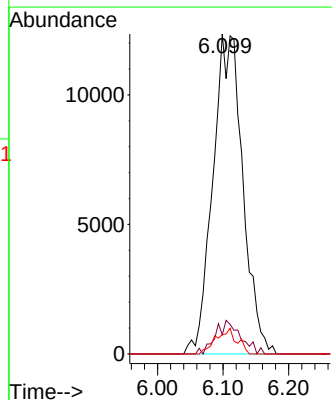
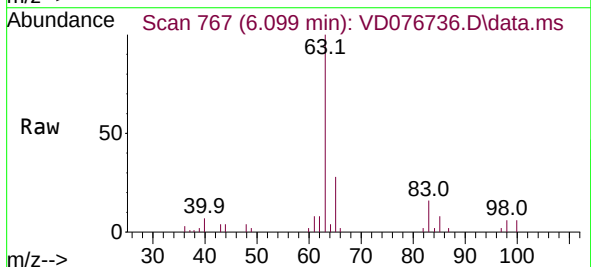
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

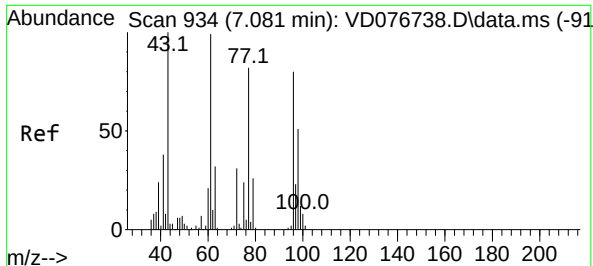
Tgt Ion: 43 Resp: 133832
 Ion Ratio Lower Upper
 43 100
 86 14.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 11.066 ug/l
 RT: 6.099 min Scan# 767
 Delta R.T. -0.006 min
 Lab File: VD076736.D
 Acq: 14 Jul 2023 12:22

Tgt Ion: 63 Resp: 39191
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.5 13.7
 100 6.0 2.5 7.5

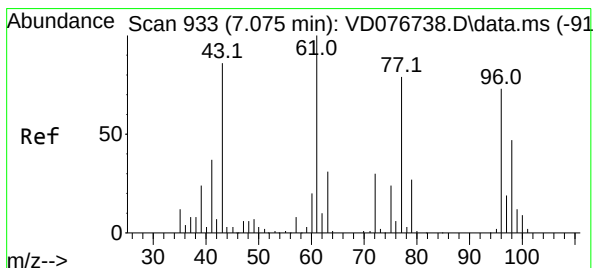
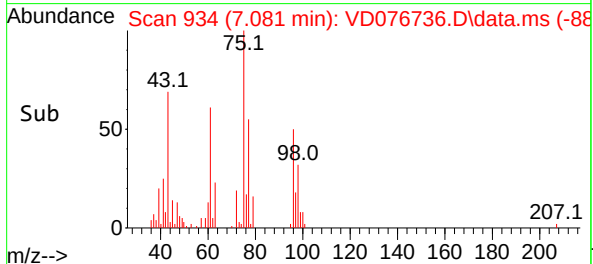
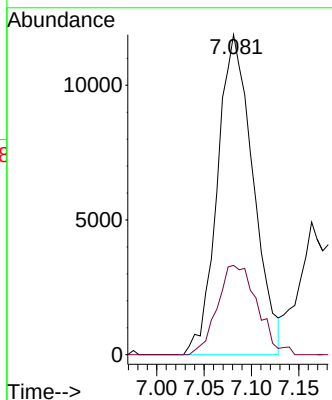
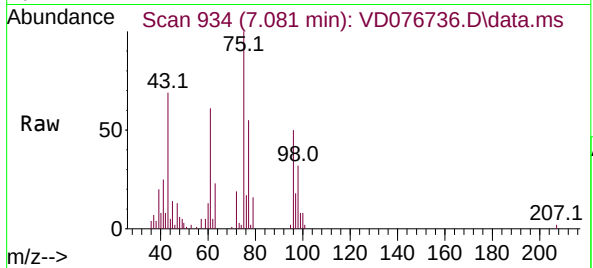




#25
2-Butanone
Concen: 57.404 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

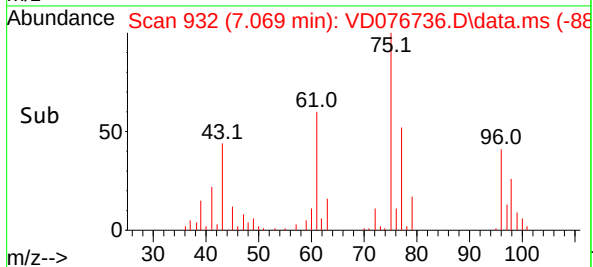
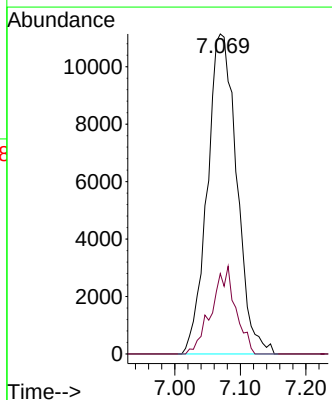
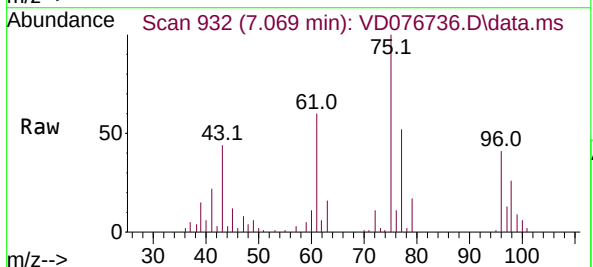
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

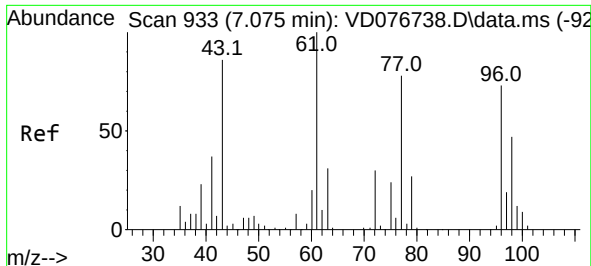
Tgt Ion: 43 Resp: 31229
Ion Ratio Lower Upper
43 100
72 27.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 11.369 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 77 Resp: 34708
Ion Ratio Lower Upper
77 100
97 22.4 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 10.608 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

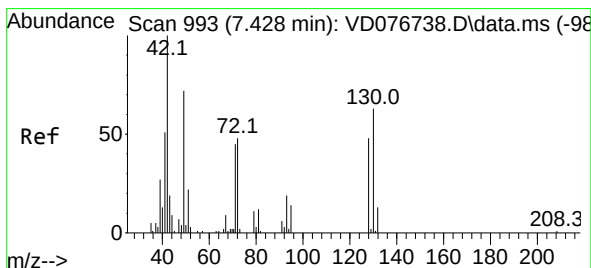
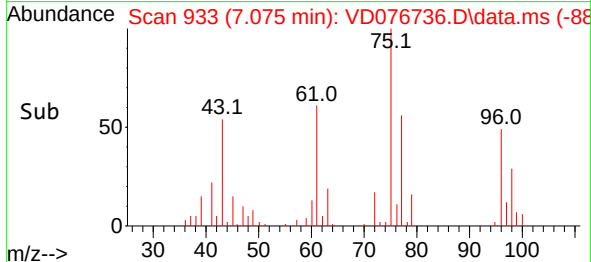
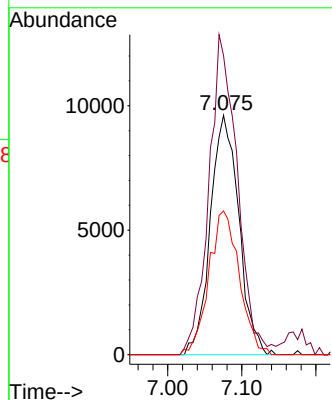
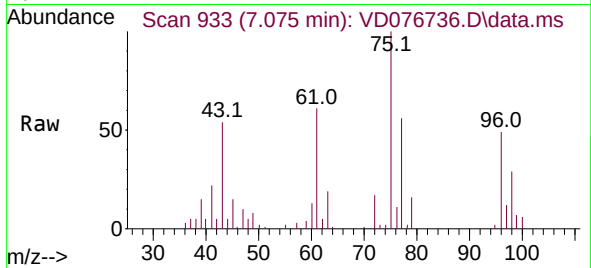
Tgt Ion: 96 Resp: 25667

Ion Ratio Lower Upper

96 100

61 133.5 0.0 239.2

98 64.3 0.0 128.6



#28

Bromochloromethane

Concen: 13.188 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

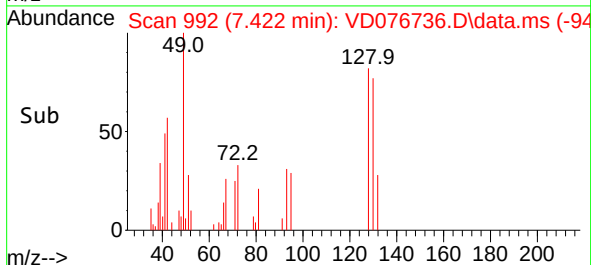
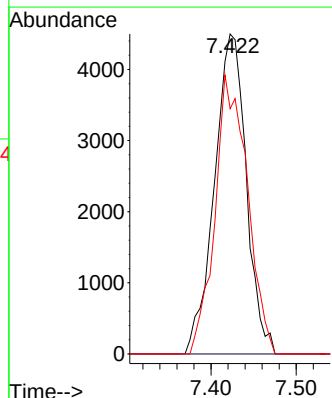
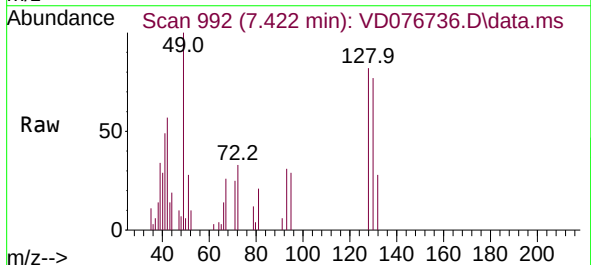
Tgt Ion: 49 Resp: 11677

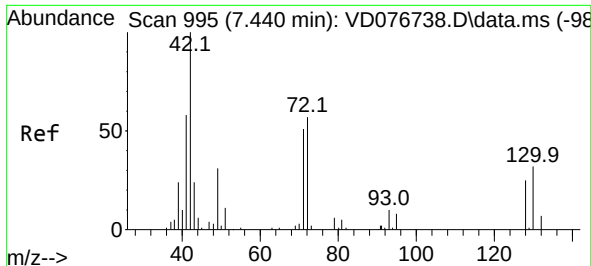
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 88.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 54.784 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

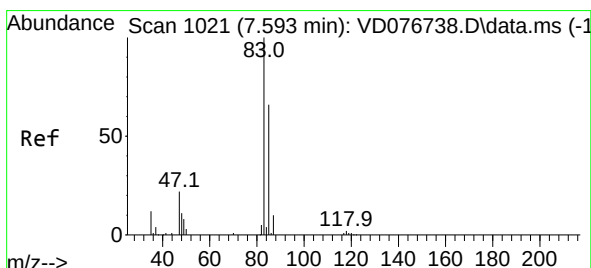
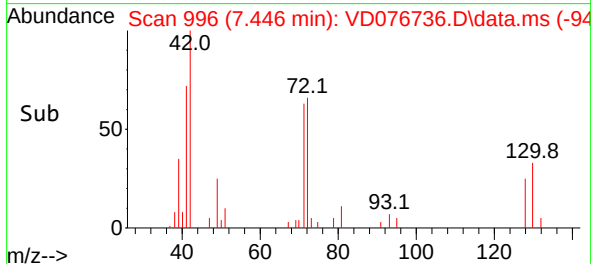
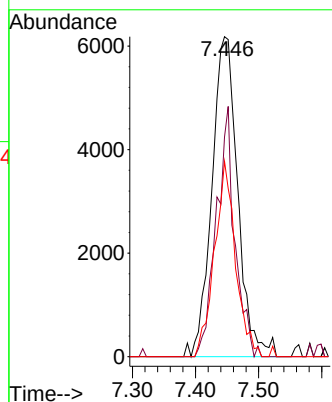
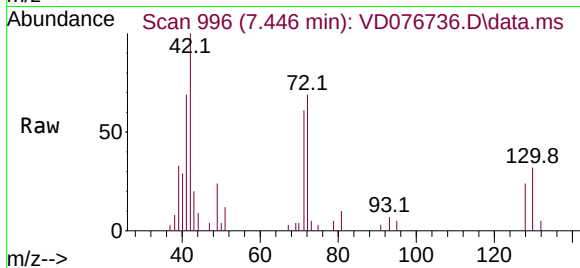
Tgt Ion: 42 Resp: 17609

Ion Ratio Lower Upper

42 100

72 56.5 46.5 69.7

71 49.7 44.5 66.7



#30

Chloroform

Concen: 10.523 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076736.D

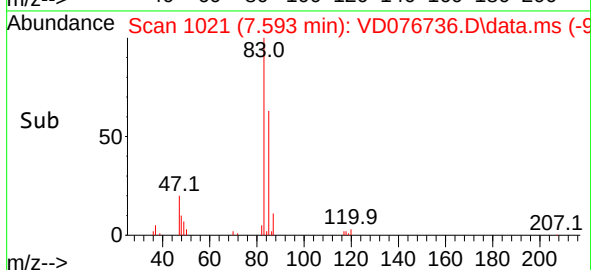
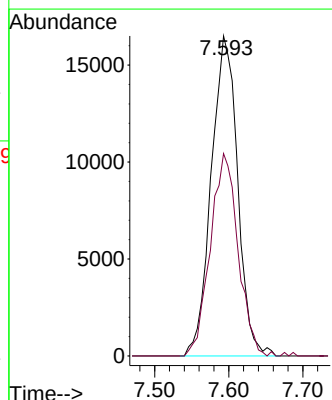
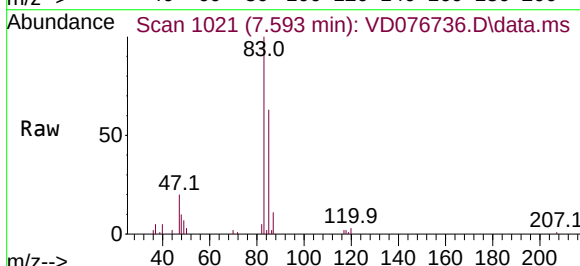
Acq: 14 Jul 2023 12:22

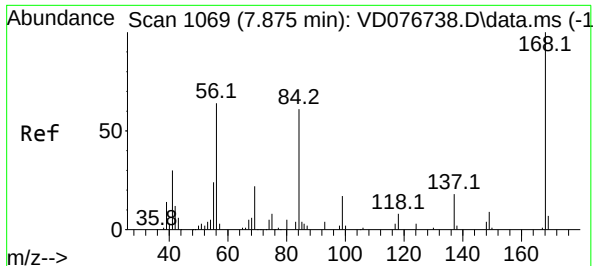
Tgt Ion: 83 Resp: 40817

Ion Ratio Lower Upper

83 100

85 63.3 53.4 80.2

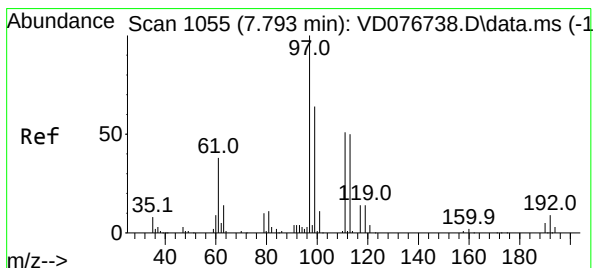
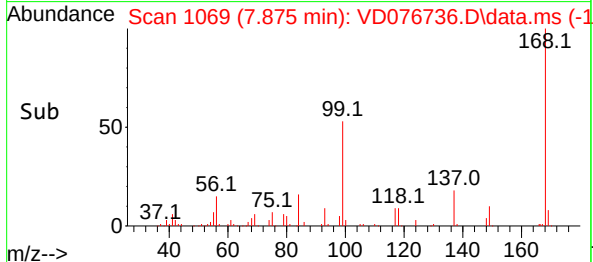
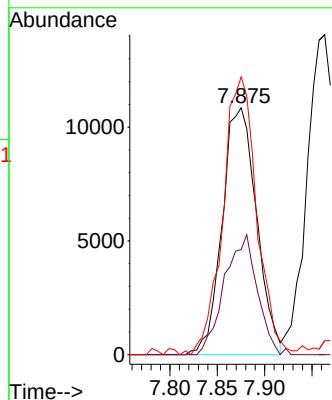
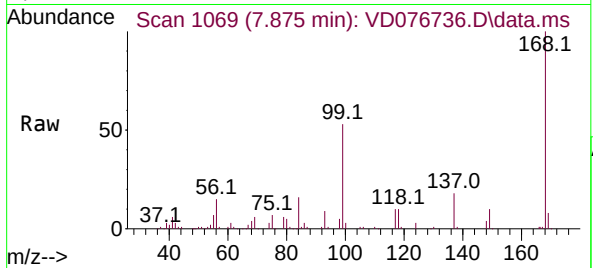




#31
Cyclohexane
Concen: 10.921 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

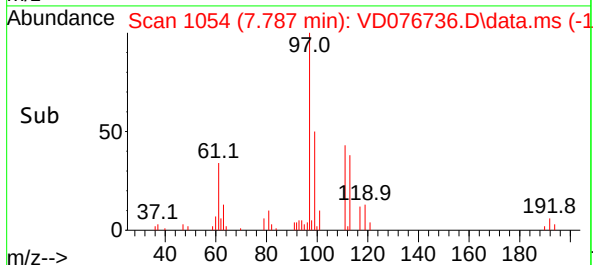
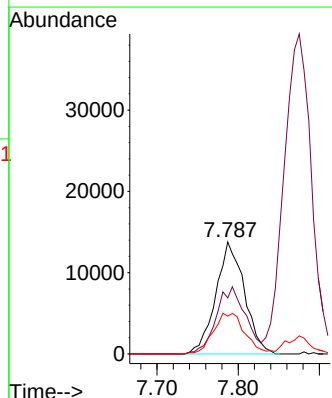
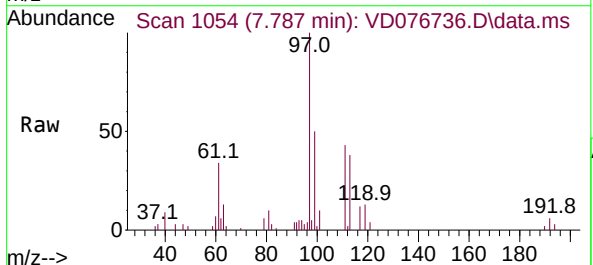
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

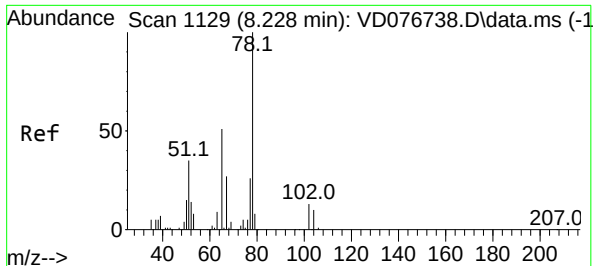
Tgt Ion: 56 Resp: 27357
Ion Ratio Lower Upper
56 100
69 42.6 28.6 43.0
84 112.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 10.798 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 97 Resp: 33793
Ion Ratio Lower Upper
97 100
99 61.7 52.0 78.0
61 39.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 12.249 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

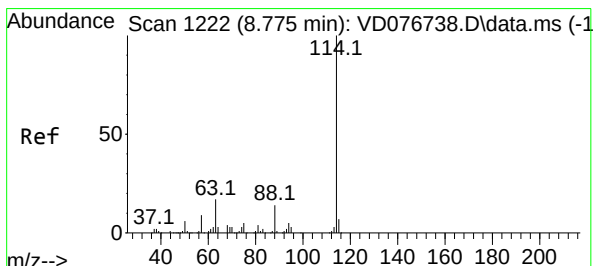
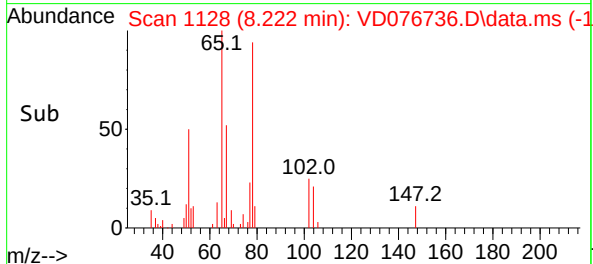
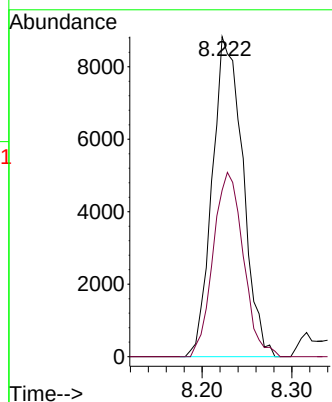
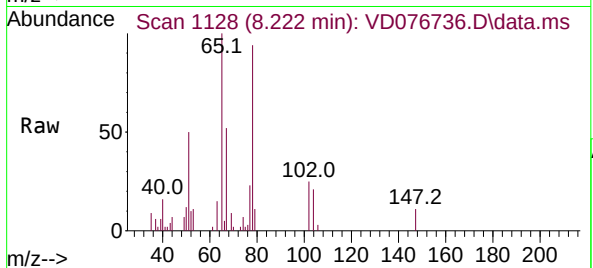
VSTDIC010

Tgt Ion: 65 Resp: 20849

Ion Ratio Lower Upper

65 100

67 57.0 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: VD076736.D

Acq: 14 Jul 2023 12:22

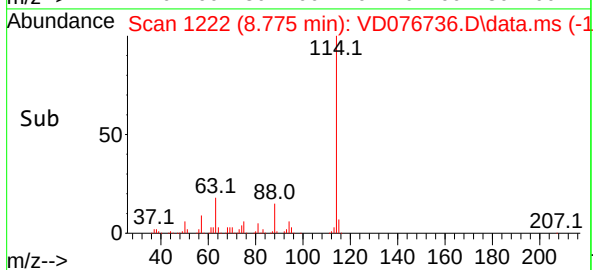
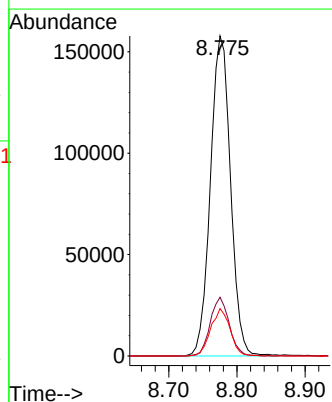
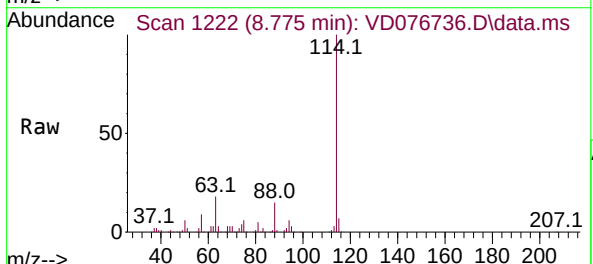
Tgt Ion: 114 Resp: 324591

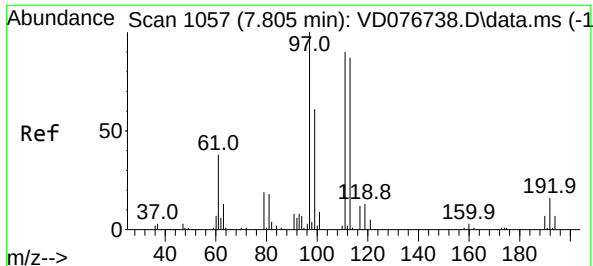
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 11.684 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

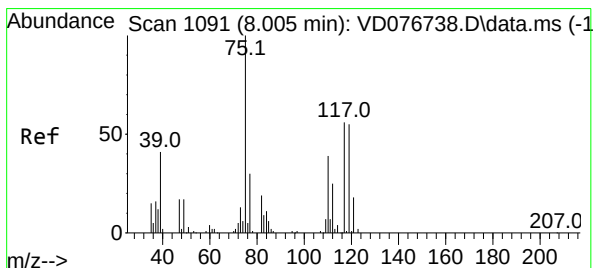
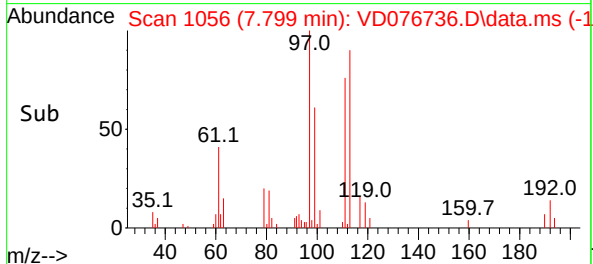
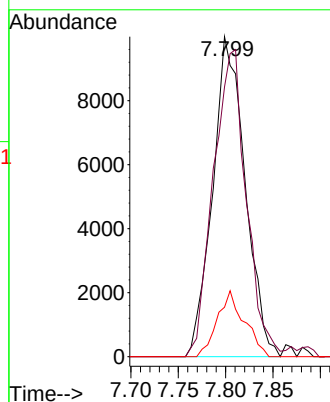
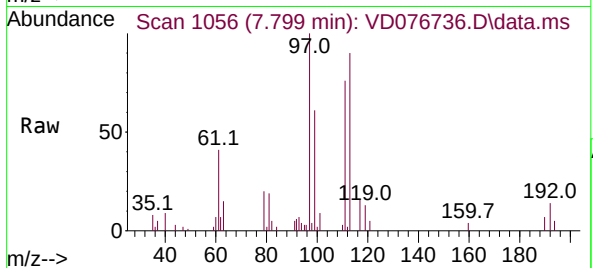
Tgt Ion:113 Resp: 23832

Ion Ratio Lower Upper

113 100

111 97.6 84.7 127.1

192 17.1 16.8 25.2



#36

1,1-Dichloropropene

Concen: 9.927 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

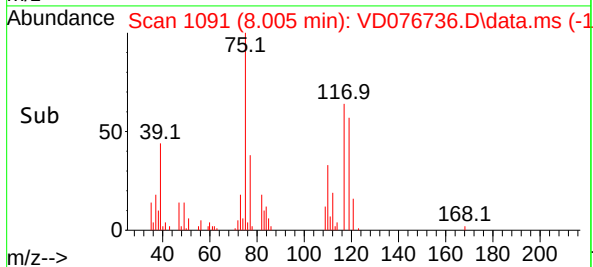
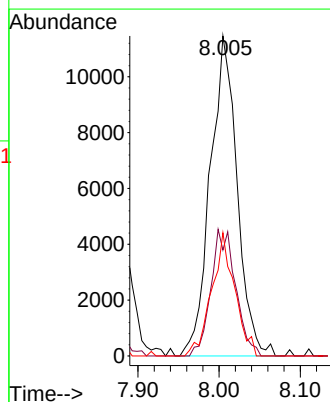
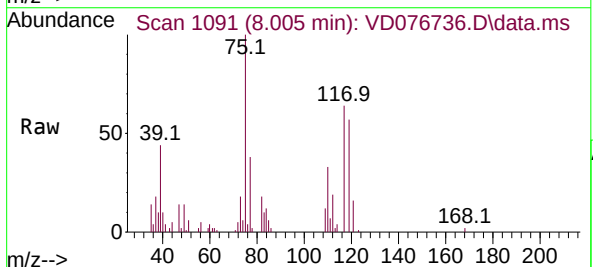
Tgt Ion: 75 Resp: 26460

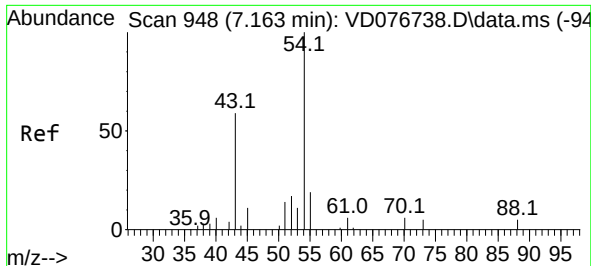
Ion Ratio Lower Upper

75 100

110 36.3 19.9 59.6

77 33.0 24.7 37.1





#37

Ethyl Acetate

Concen: 10.571 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

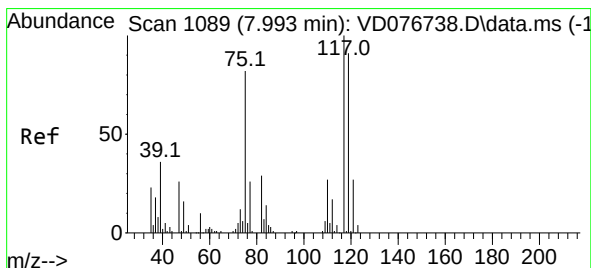
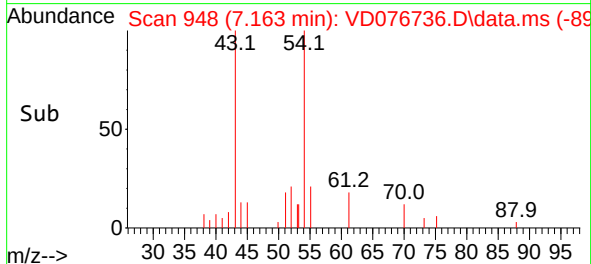
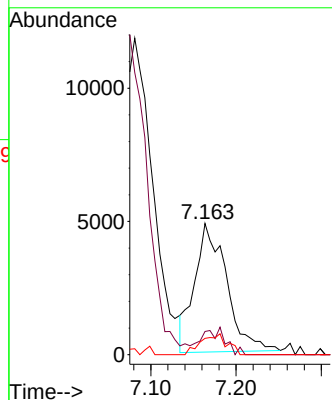
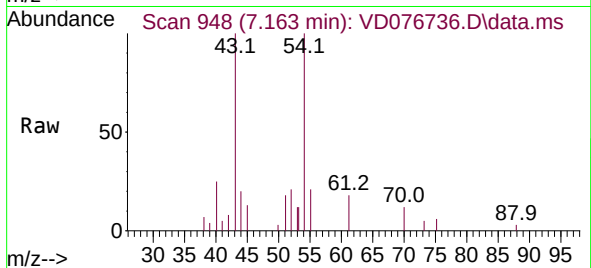
Tgt Ion: 43 Resp: 12601

Ion Ratio Lower Upper

43 100

61 15.4 14.9 22.3

70 13.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 9.695 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

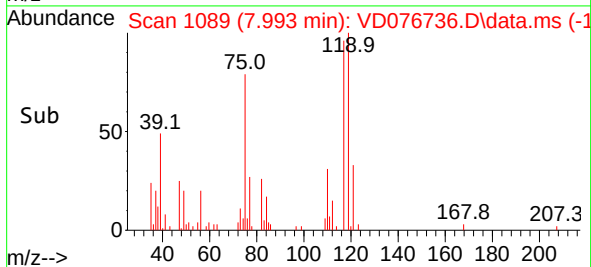
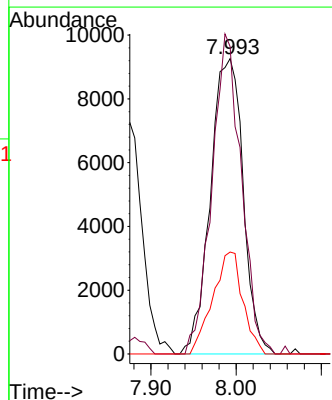
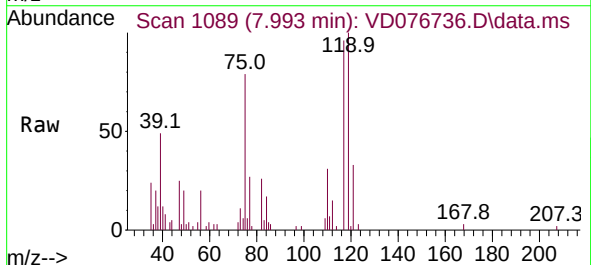
Tgt Ion: 117 Resp: 24744

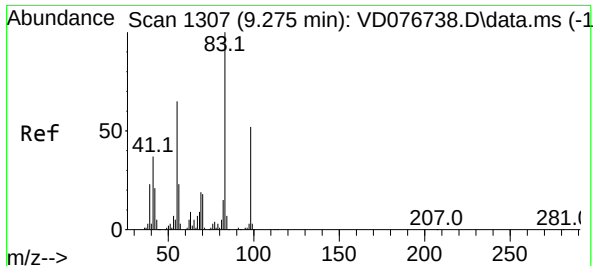
Ion Ratio Lower Upper

117 100

119 104.1 78.0 117.0

121 34.5 24.2 36.2





#39

Methylcyclohexane

Concen: 9.482 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

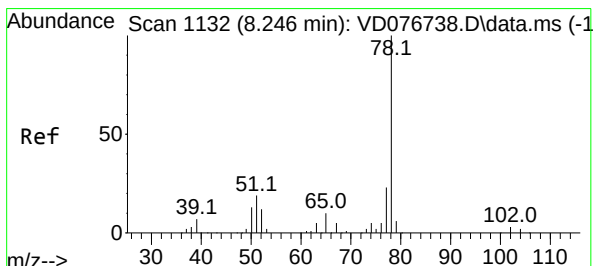
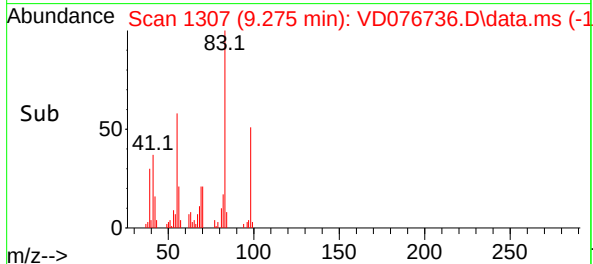
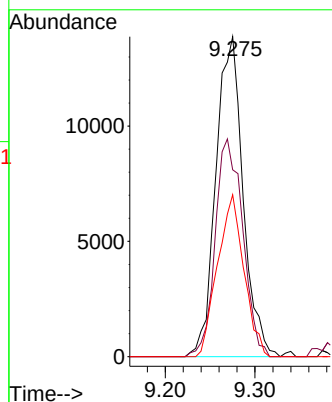
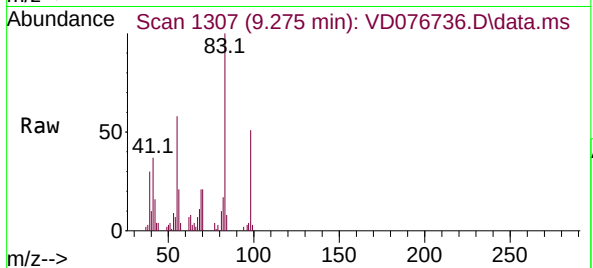
Tgt Ion: 83 Resp: 29182

Ion Ratio Lower Upper

83 100

55 58.4 49.4 74.0

98 50.6 38.4 57.6



#40

Benzene

Concen: 10.324 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076736.D

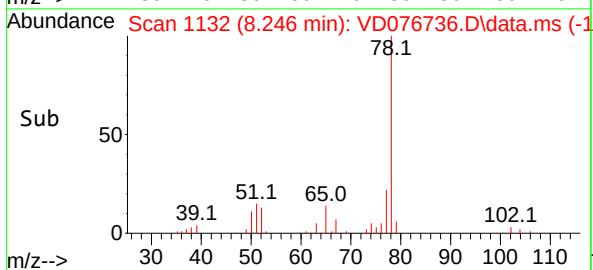
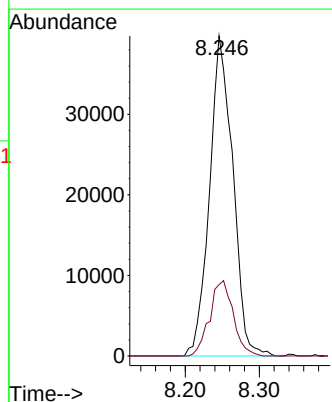
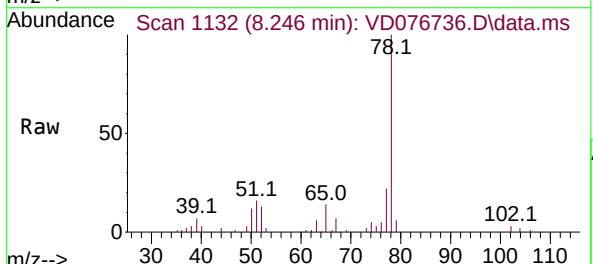
Acq: 14 Jul 2023 12:22

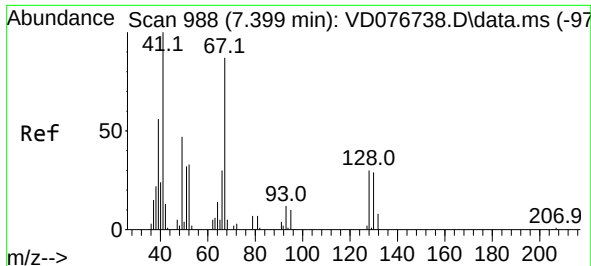
Tgt Ion: 78 Resp: 86828

Ion Ratio Lower Upper

78 100

77 22.3 19.4 29.0

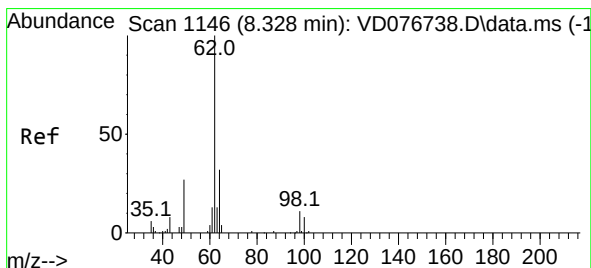
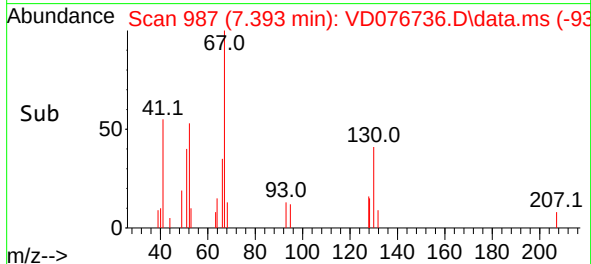
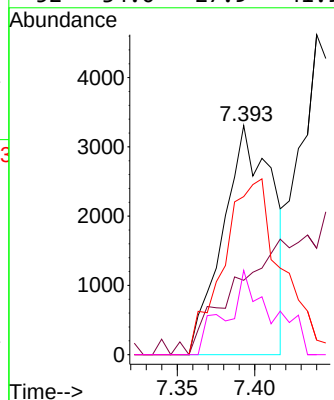
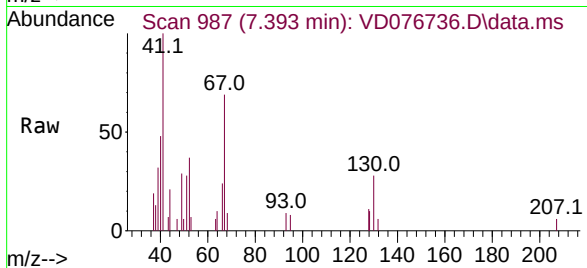




#41
Methacrylonitrile
Concen: 10.089 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

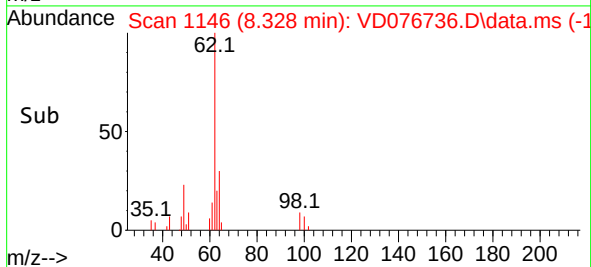
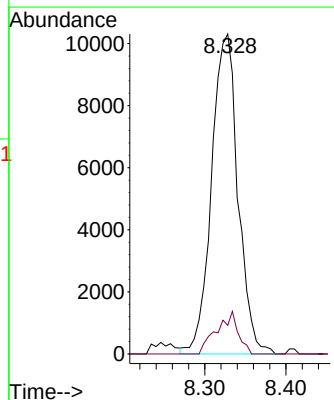
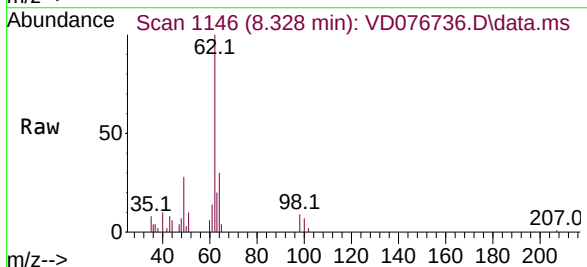
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

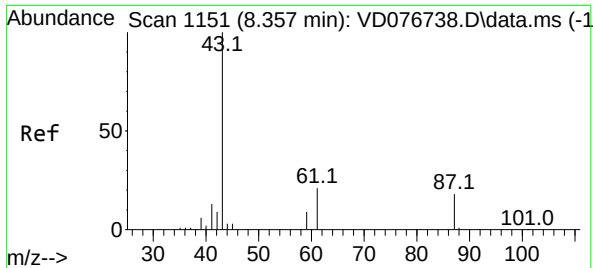
Tgt Ion:	41	Resp:	7344
Ion	Ratio	Lower	Upper
41	100		
39	0.0	34.0	51.0#
67	89.6	77.0	115.4
52	34.0	27.9	41.9



#42
1,2-Dichloroethane
Concen: 10.683 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion:	62	Resp:	23345
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	25.4

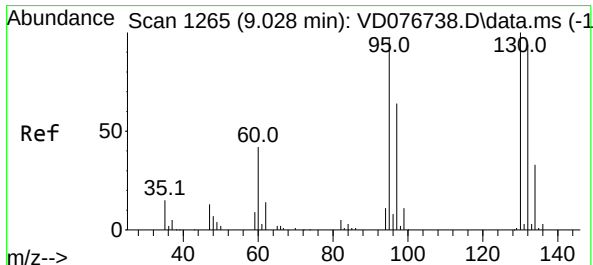
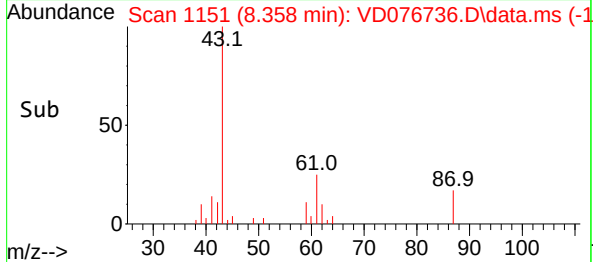
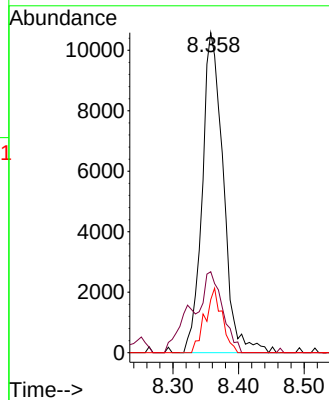
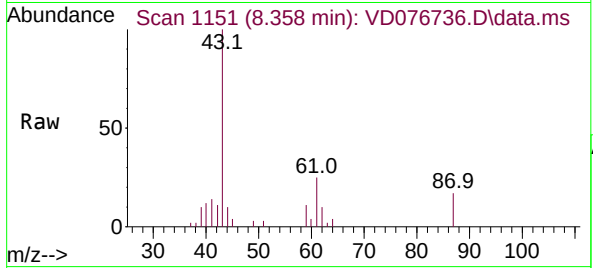




#43
Isopropyl Acetate
Concen: 10.175 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

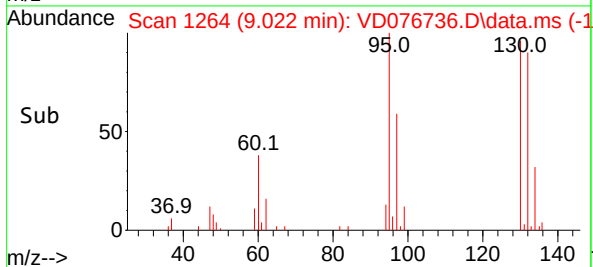
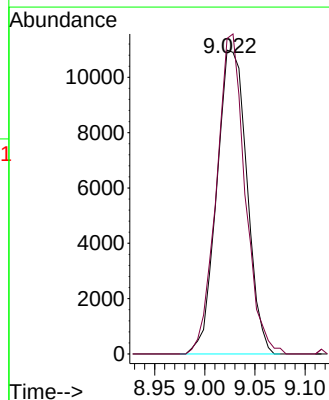
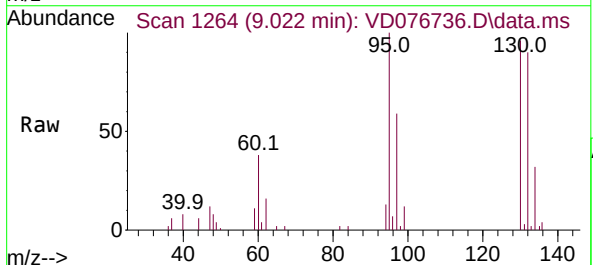
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

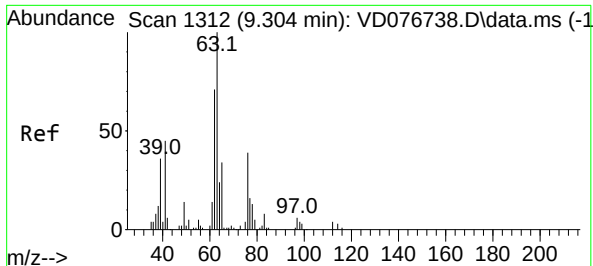
Tgt Ion: 43 Resp: 23669
Ion Ratio Lower Upper
43 100
61 24.7 31.4 47.0#
87 16.2 14.9 22.3



#44
Trichloroethene
Concen: 10.010 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion:130 Resp: 22940
Ion Ratio Lower Upper
130 100
95 103.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 10.125 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

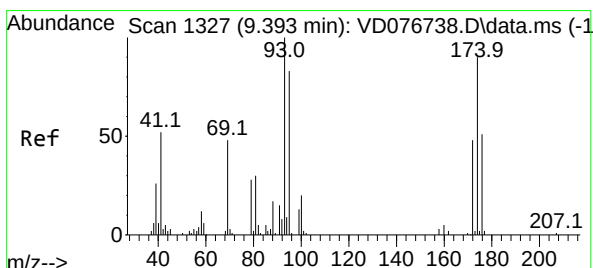
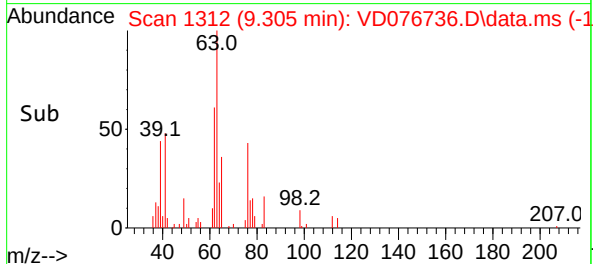
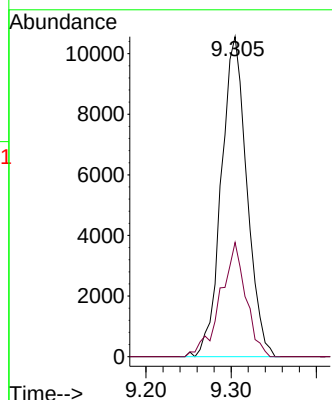
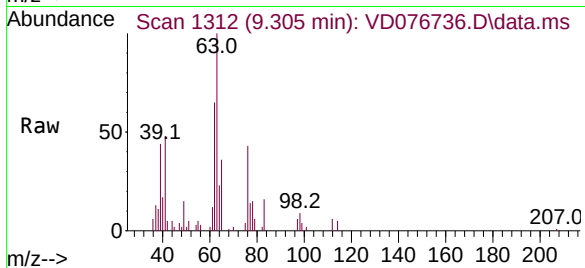
VSTDIC010

Tgt Ion: 63 Resp: 21980

Ion Ratio Lower Upper

63 100

65 35.7 24.5 36.7



#46

Dibromomethane

Concen: 10.883 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

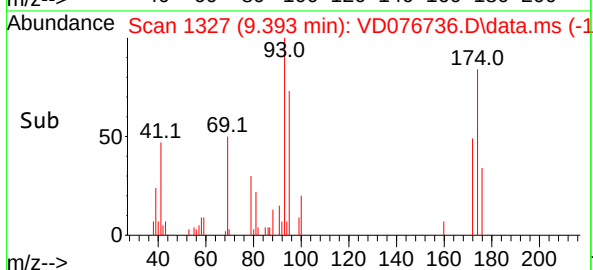
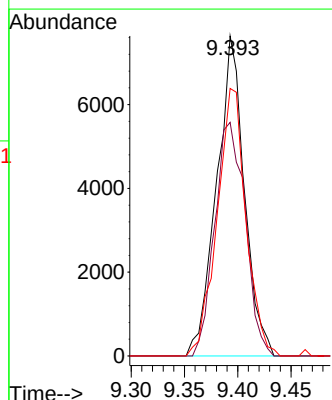
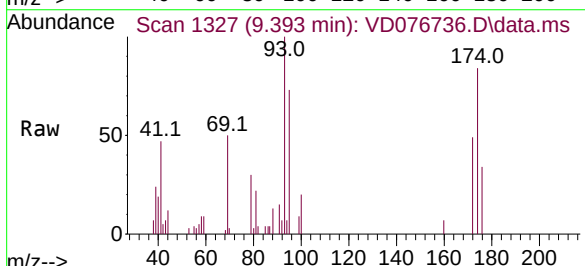
Tgt Ion: 93 Resp: 13829

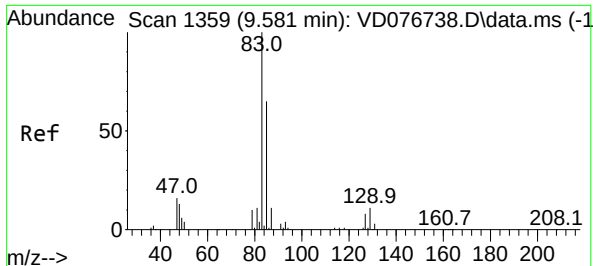
Ion Ratio Lower Upper

93 100

95 80.2 67.7 101.5

174 86.8 85.4 128.2





#47

Bromodichloromethane

Concen: 10.127 ug/l

RT: 9.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

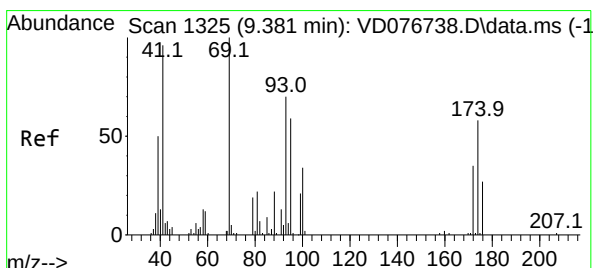
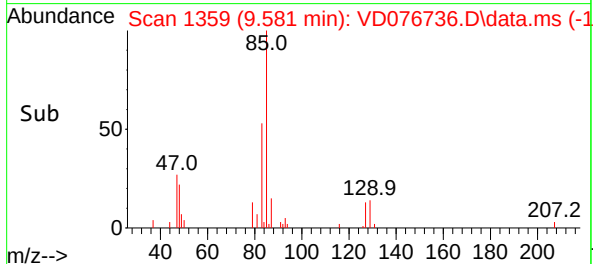
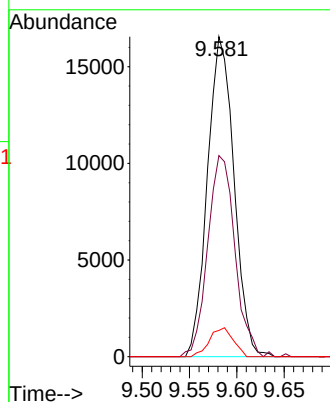
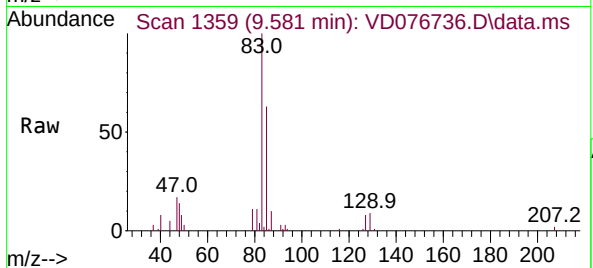
Tgt Ion: 83 Resp: 32292

Ion Ratio Lower Upper

83 100

85 62.9 50.2 75.4

127 8.2 6.3 9.5



#48

Methyl methacrylate

Concen: 10.566 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

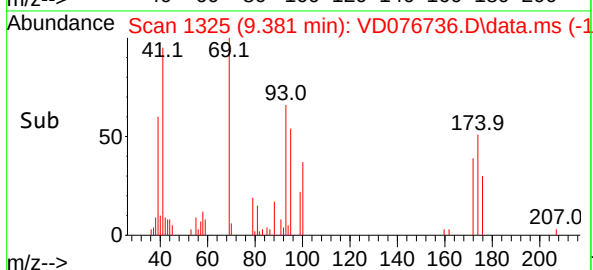
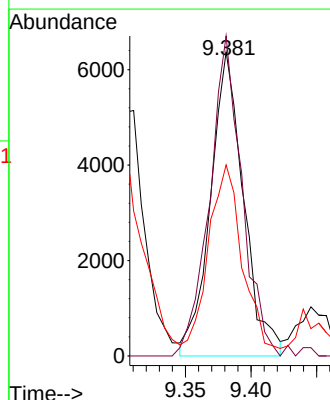
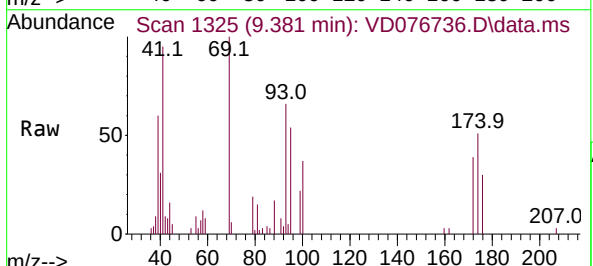
Tgt Ion: 41 Resp: 11187

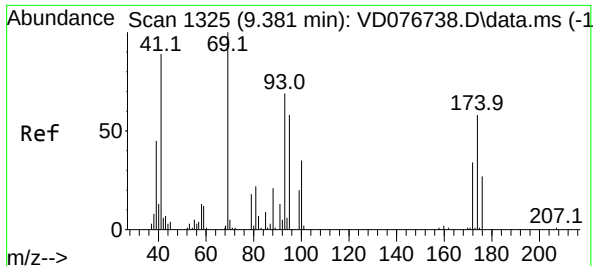
Ion Ratio Lower Upper

41 100

69 102.6 102.2 153.2

39 66.0 41.4 62.2#





#49

1,4-Dioxane

Concen: 172.413 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076736.D

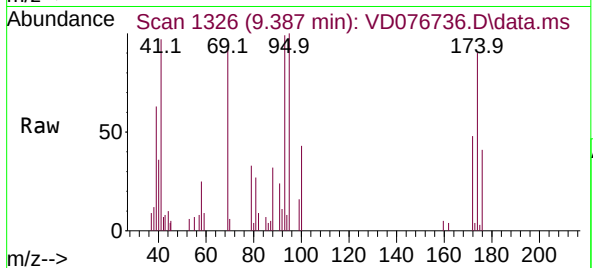
Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010



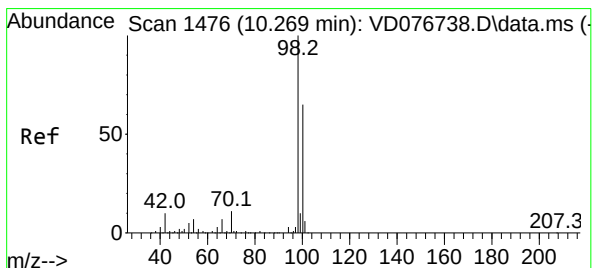
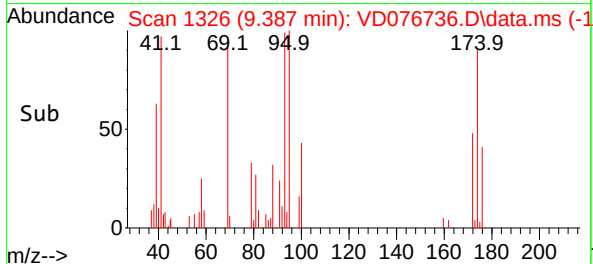
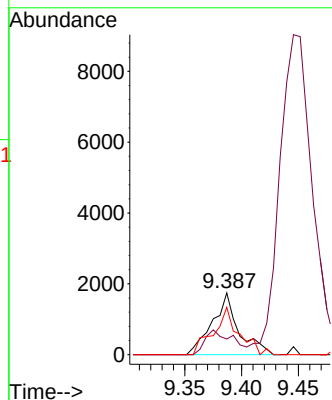
Tgt Ion: 88 Resp: 2807

Ion Ratio Lower Upper

88 100

43 42.4 19.0 28.6#

58 74.0 43.5 65.3#



#50

Toluene-d8

Concen: 11.385 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076736.D

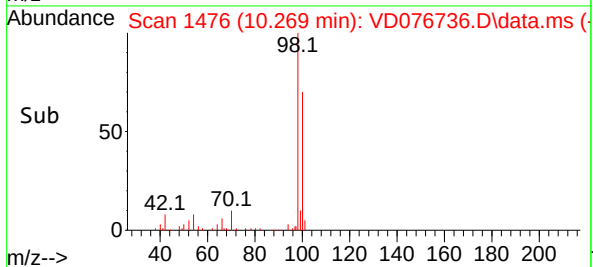
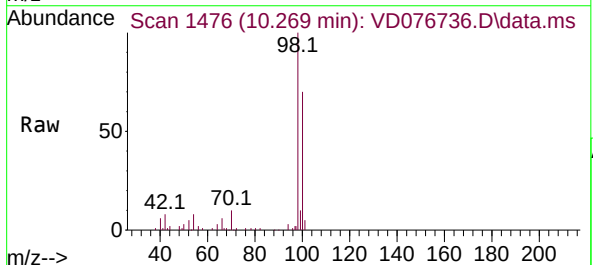
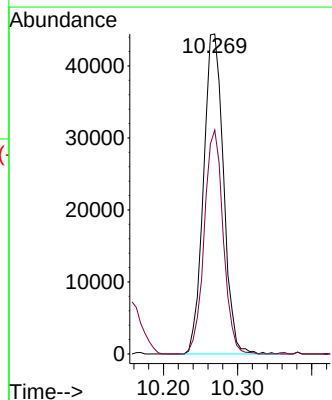
Acq: 14 Jul 2023 12:22

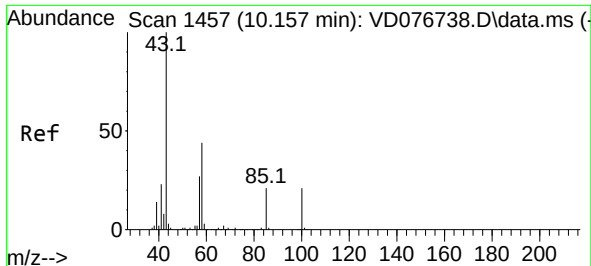
Tgt Ion: 98 Resp: 83077

Ion Ratio Lower Upper

98 100

100 66.5 50.3 75.5

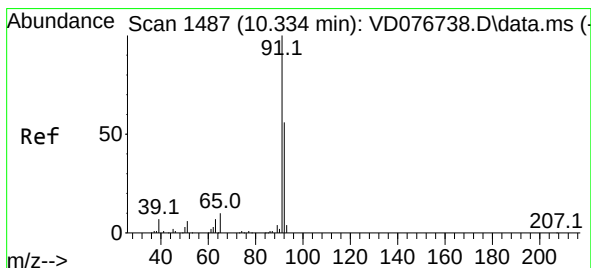
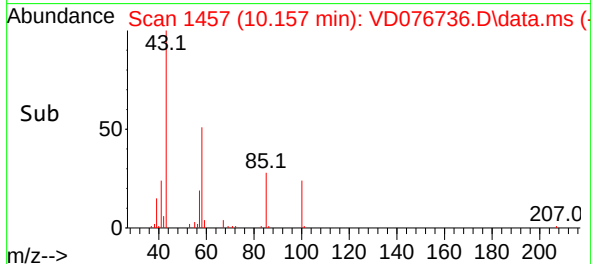
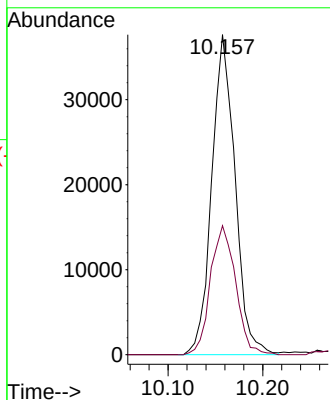
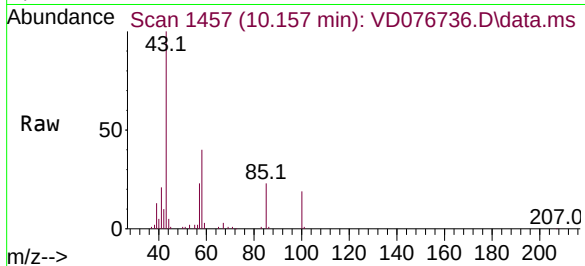




#51
4-Methyl-2-Pentanone
Concen: 51.945 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

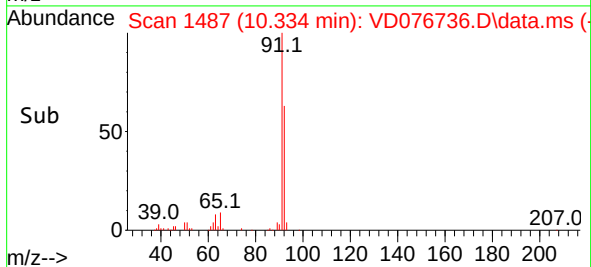
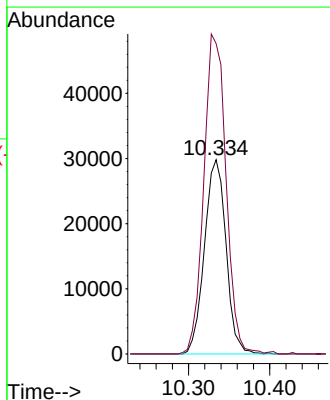
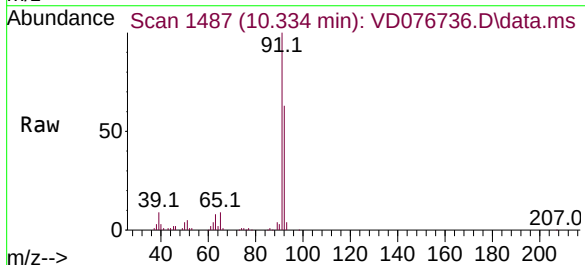
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

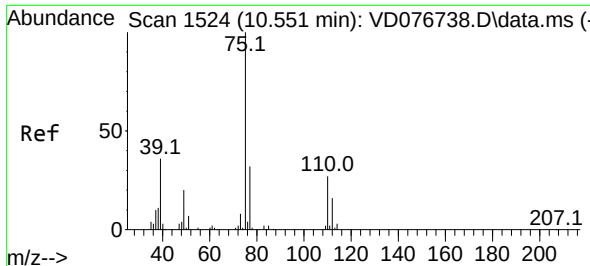
Tgt Ion: 43 Resp: 64339
Ion Ratio Lower Upper
43 100
58 43.6 38.9 58.3



#52
Toluene
Concen: 9.968 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 92 Resp: 55056
Ion Ratio Lower Upper
92 100
91 169.4 143.0 214.4

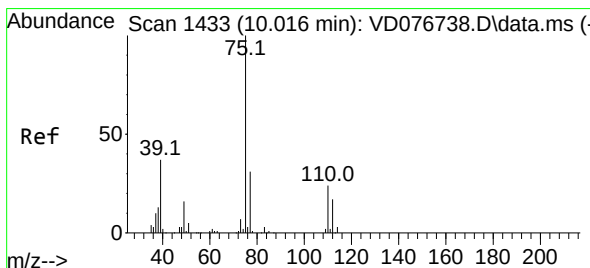
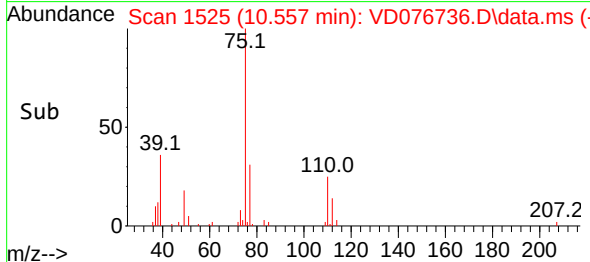
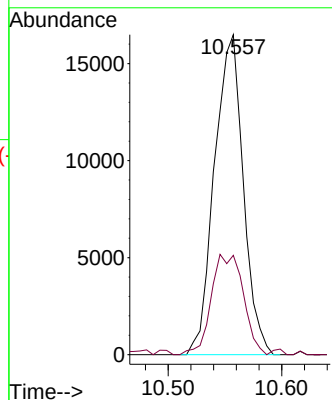
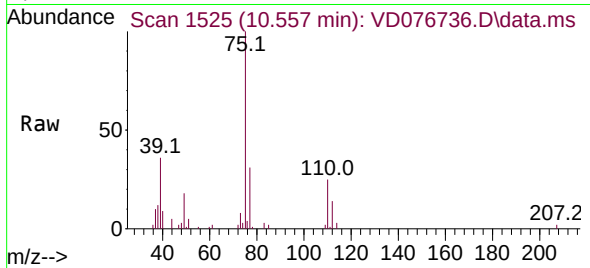




#53
t-1,3-Dichloropropene
Concen: 9.823 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

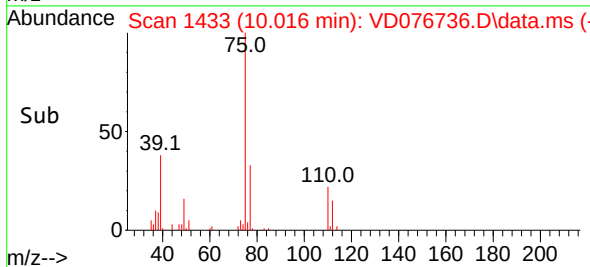
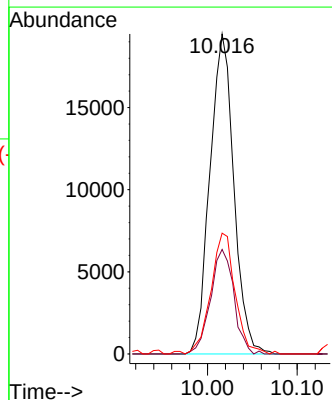
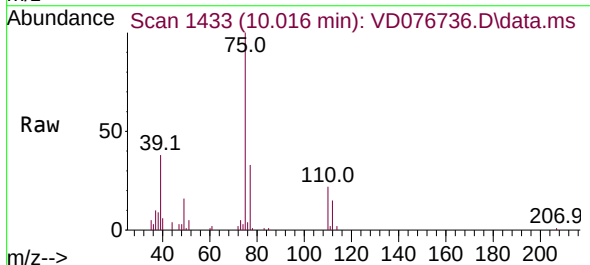
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

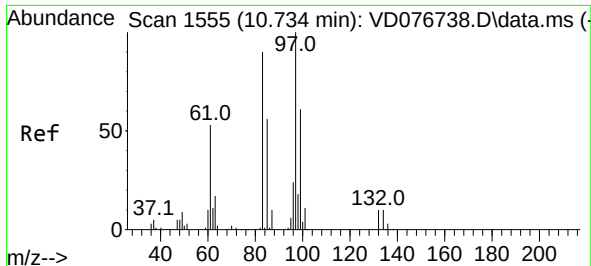
Tgt Ion: 75 Resp: 29075
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 10.329 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 75 Resp: 36030
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
39 37.7 22.1 33.1#

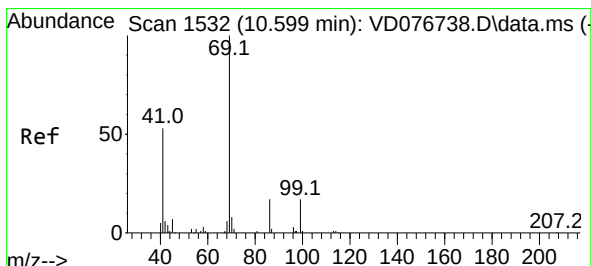
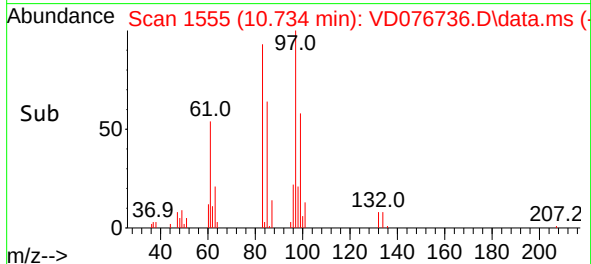
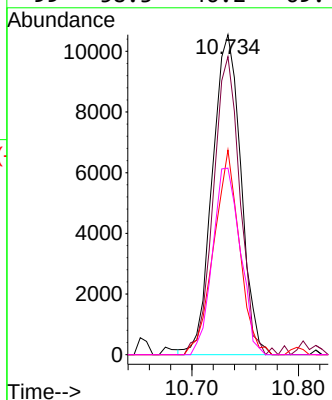
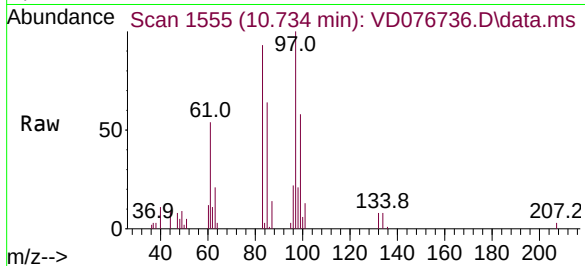




#55
1,1,2-Trichloroethane
Concen: 10.600 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

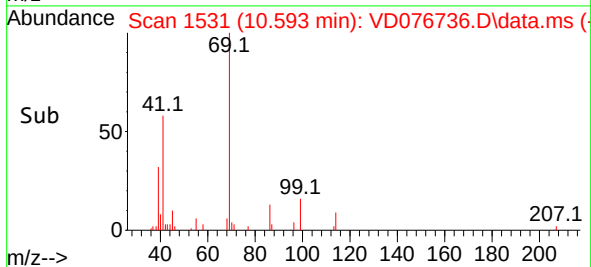
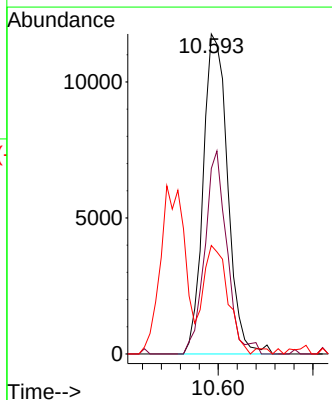
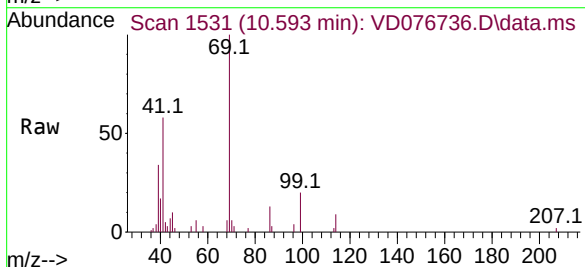
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

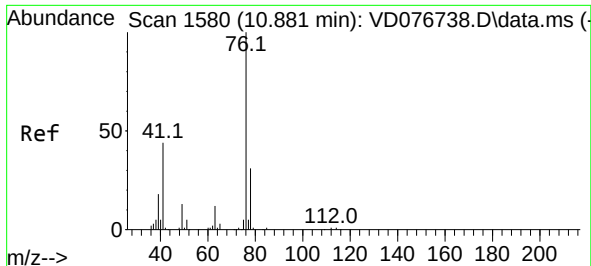
Tgt Ion: 97	Resp: 19670
Ion Ratio	Lower Upper
97 100	
83 93.1	65.8 98.6
85 63.9	45.7 68.5
99 58.3	46.2 69.4



#56
Ethyl methacrylate
Concen: 9.822 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 69	Resp: 21036
Ion Ratio	Lower Upper
69 100	
41 57.5	39.1 58.7
39 34.0	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 10.256 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

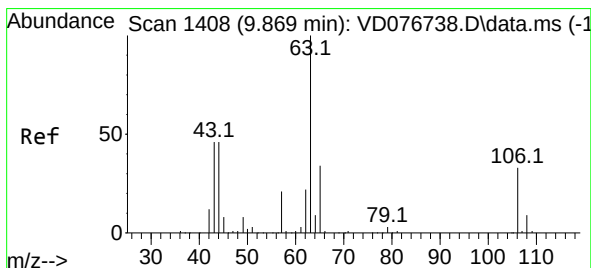
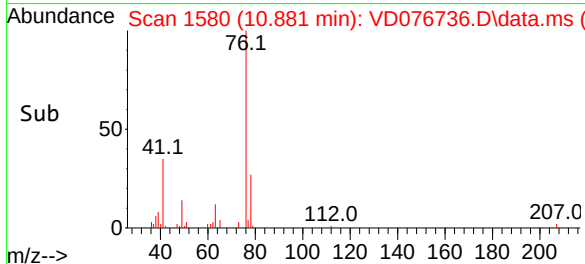
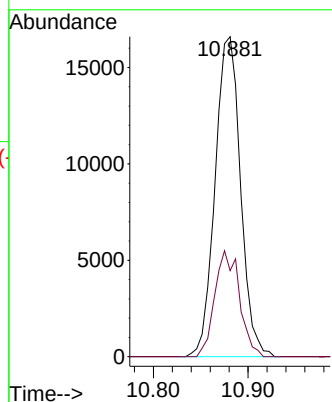
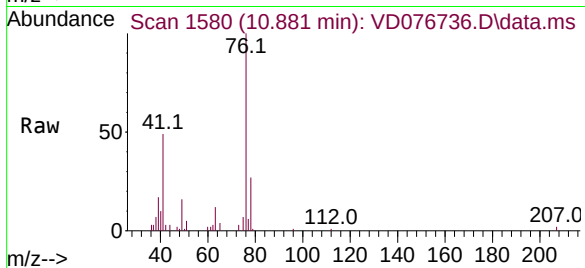
VSTDIC010

Tgt Ion: 76 Resp: 30992

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 52.949 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076736.D

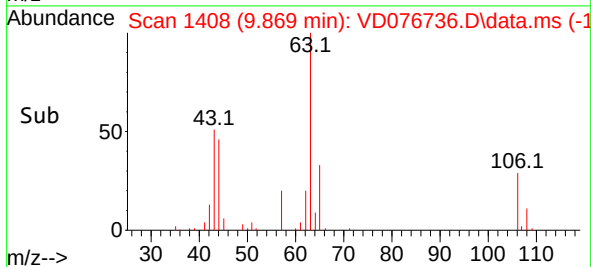
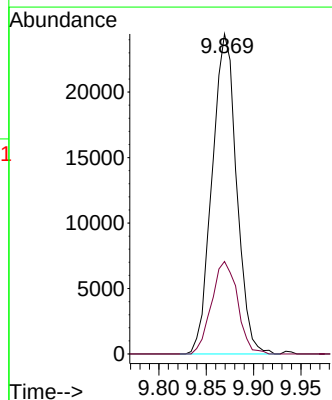
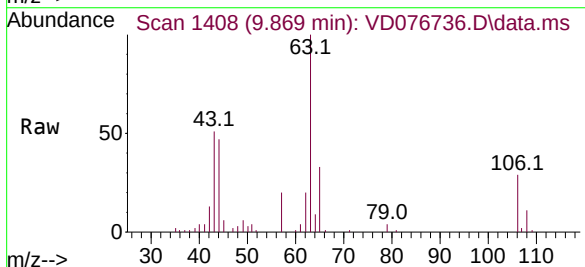
Acq: 14 Jul 2023 12:22

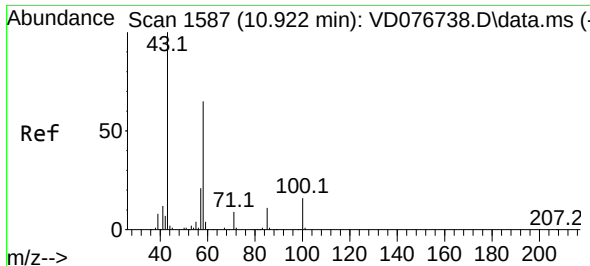
Tgt Ion: 63 Resp: 43895

Ion Ratio Lower Upper

63 100

106 30.6 25.3 37.9

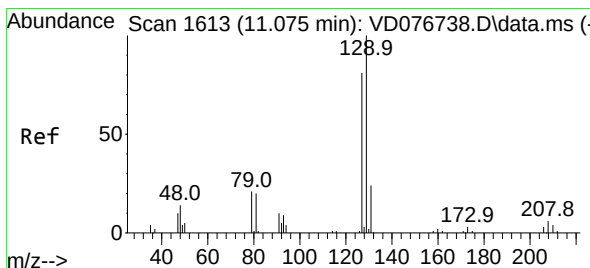
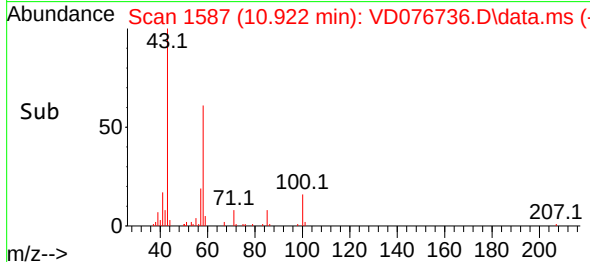
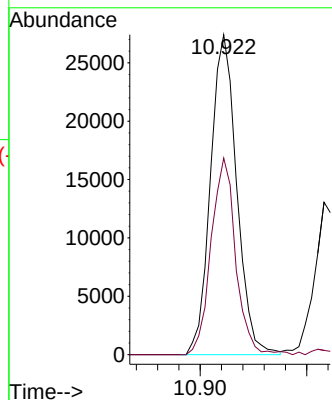
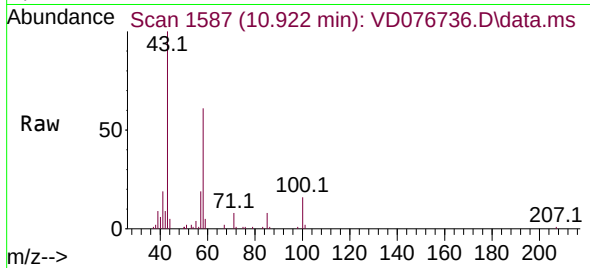




#59
2-Hexanone
Concen: 52.851 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

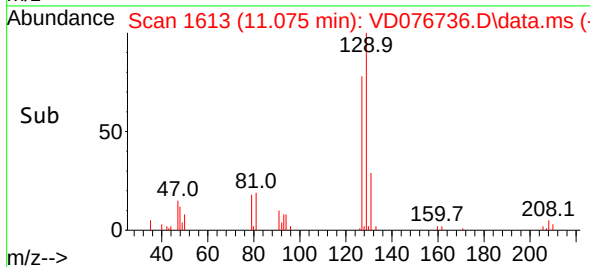
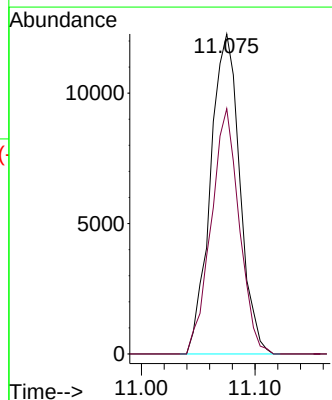
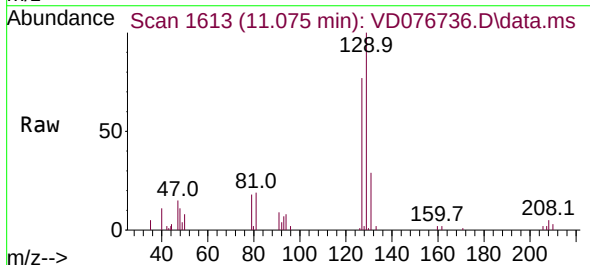
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

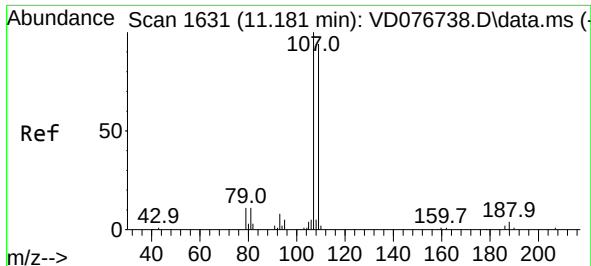
Tgt Ion: 43 Resp: 46709
Ion Ratio Lower Upper
43 100
58 57.7 34.1 102.2



#60
Dibromochloromethane
Concen: 10.203 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 129 Resp: 21994
Ion Ratio Lower Upper
129 100
127 73.6 37.1 111.5

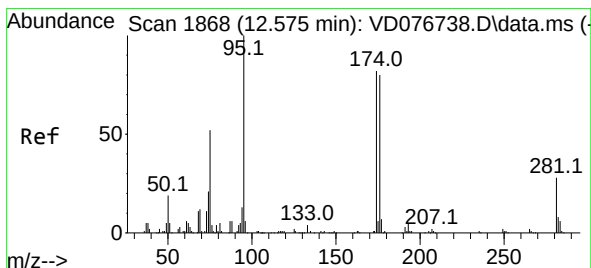
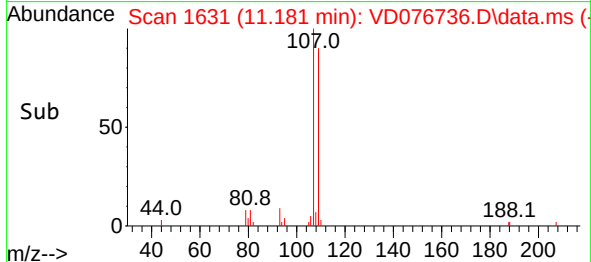
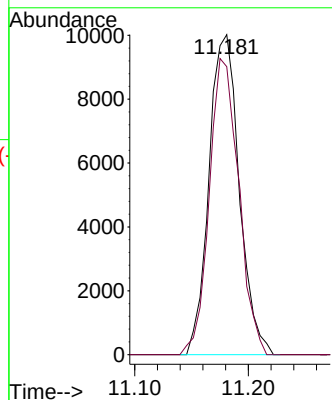
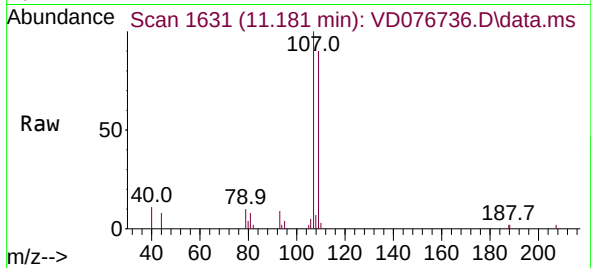




#61
1,2-Dibromoethane
Concen: 10.780 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

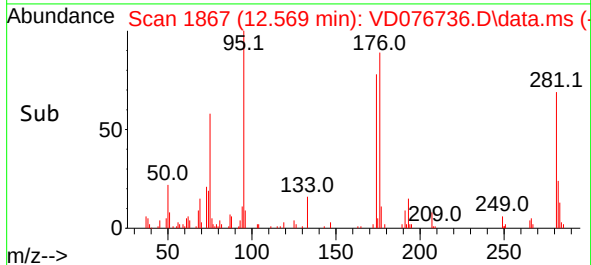
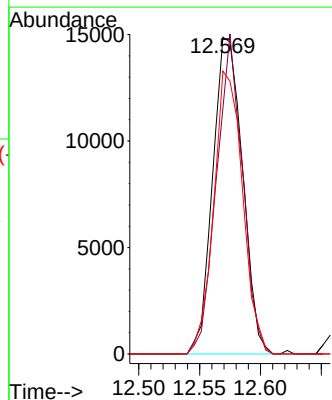
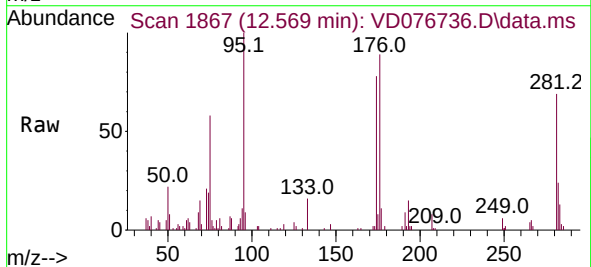
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

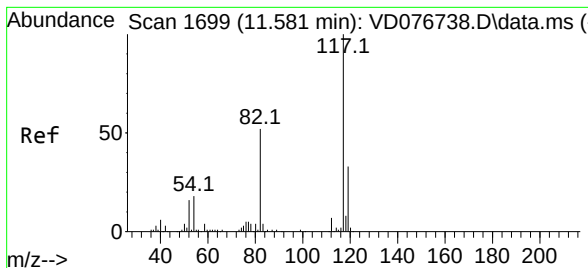
Tgt Ion:107 Resp: 18546
Ion Ratio Lower Upper
107 100
109 90.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 10.700 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 95 Resp: 25259
Ion Ratio Lower Upper
95 100
174 88.3 0.0 201.8
176 86.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

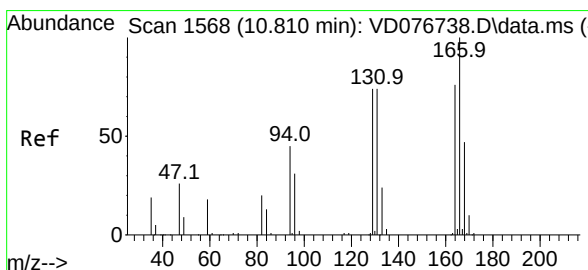
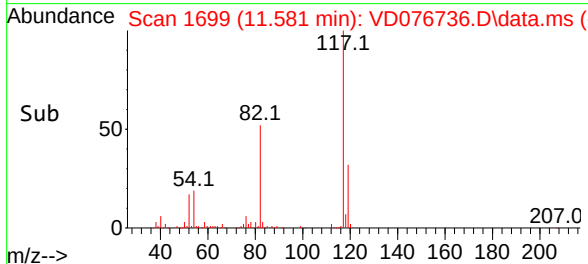
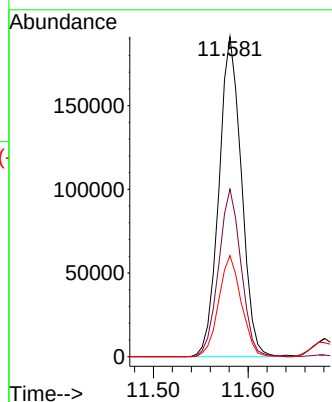
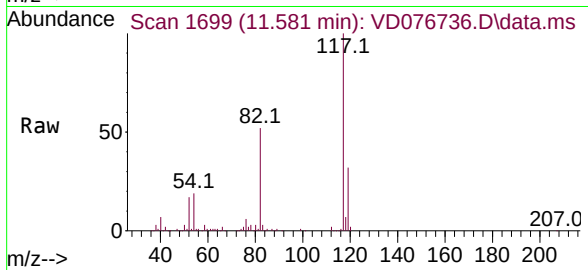
Tgt Ion:117 Resp: 315811

Ion Ratio Lower Upper

117 100

82 52.4 38.3 57.5

119 31.6 25.0 37.4



#64

Tetrachloroethene

Concen: 9.489 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Tgt Ion:164 Resp: 17087

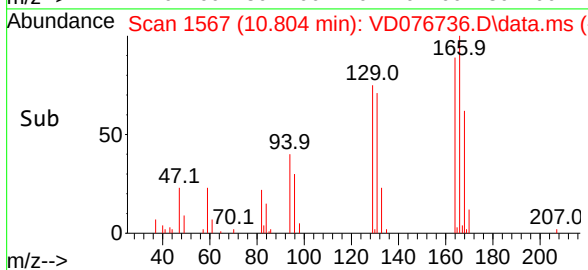
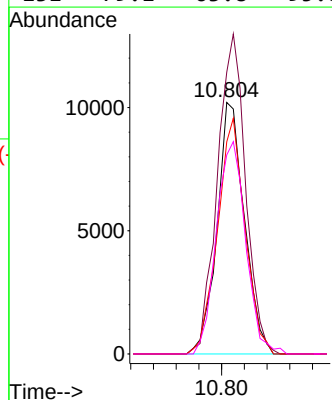
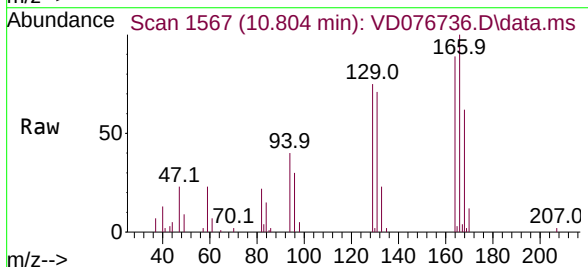
Ion Ratio Lower Upper

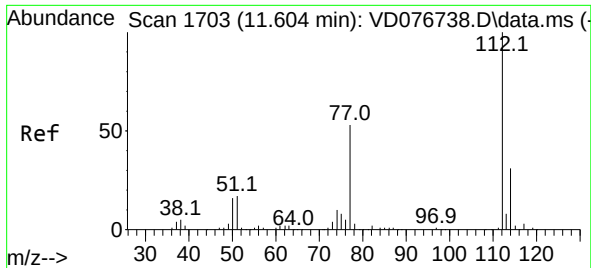
164 100

166 112.0 99.2 148.8

129 84.3 68.4 102.6

131 79.1 63.8 95.8

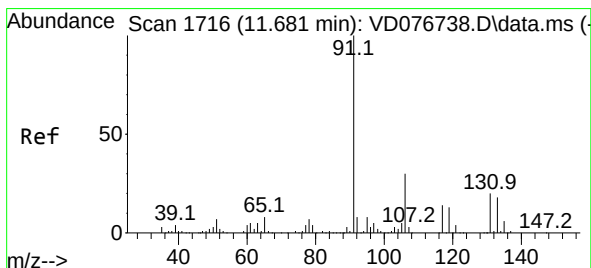
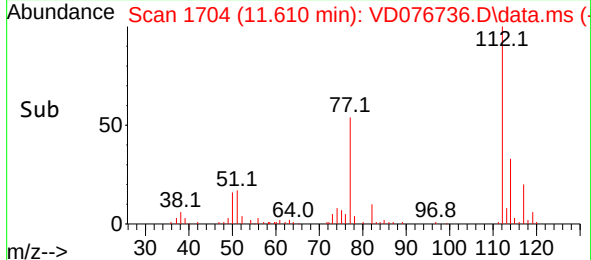
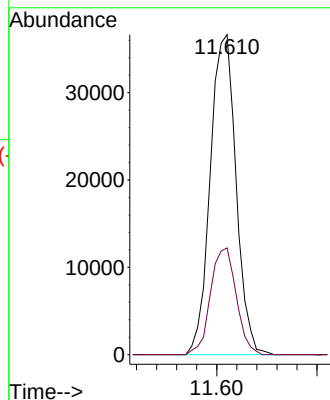
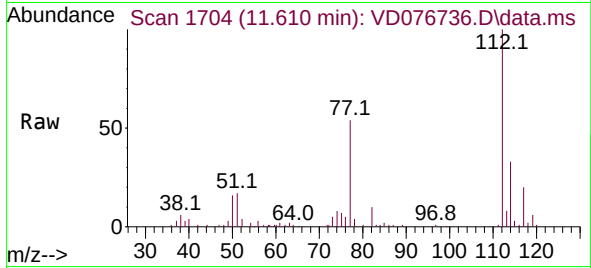




#65
Chlorobenzene
Concen: 10.295 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

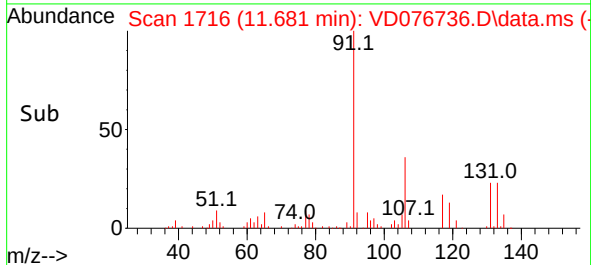
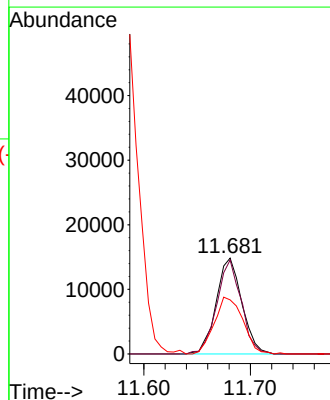
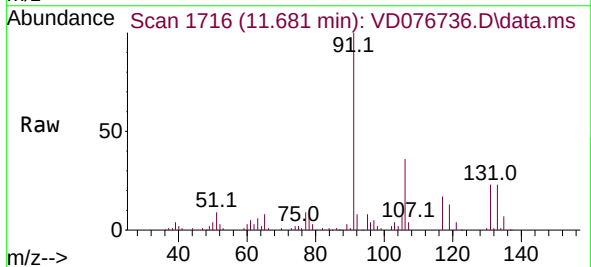
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

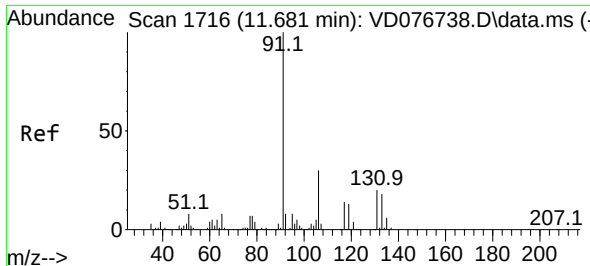
Tgt Ion:112 Resp: 65391
Ion Ratio Lower Upper
112 100
114 33.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.485 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion:131 Resp: 24794
Ion Ratio Lower Upper
131 100
133 93.2 48.5 145.5
119 66.1 35.6 106.9

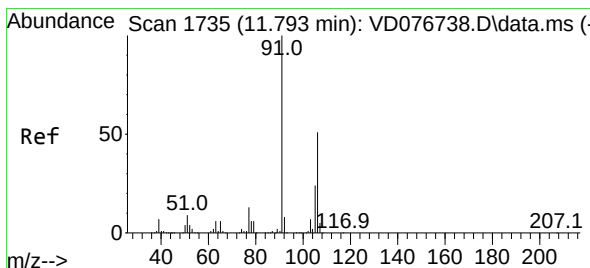
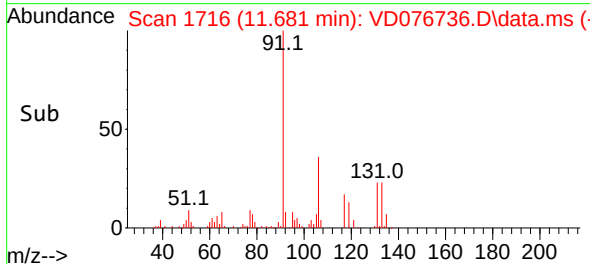
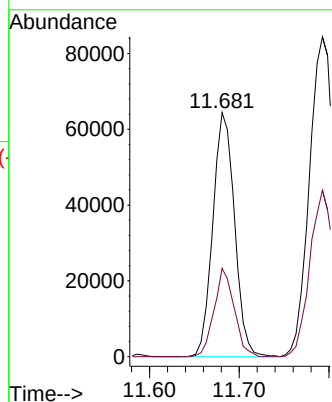
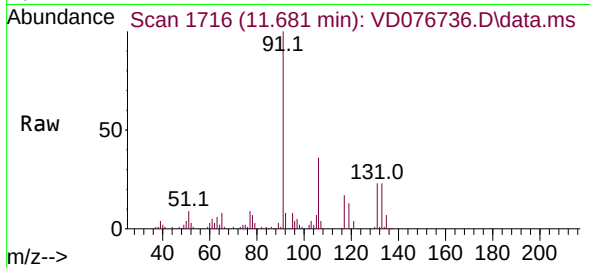




#67
Ethyl Benzene
Concen: 9.705 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

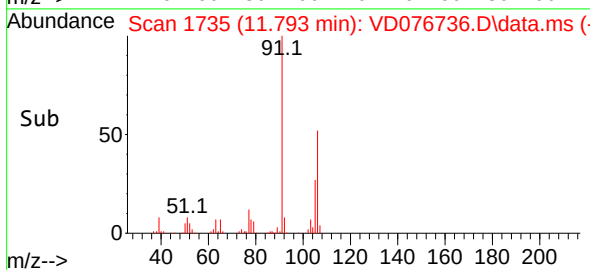
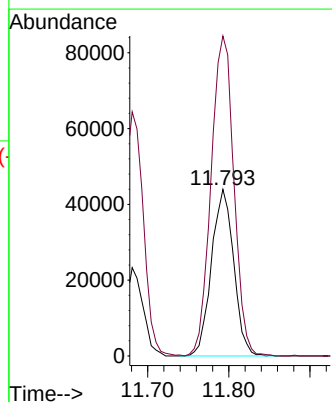
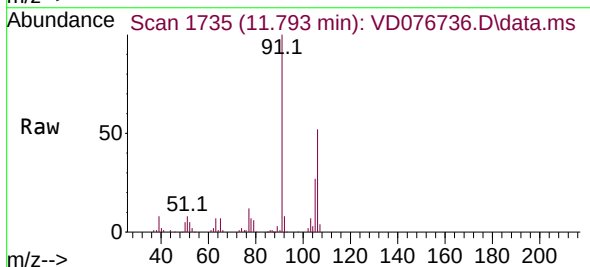
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

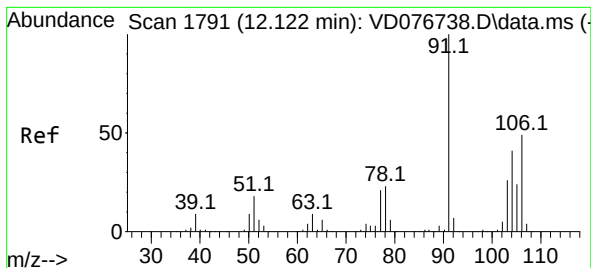
Tgt Ion: 91 Resp: 108255
Ion Ratio Lower Upper
91 100
106 36.2 26.5 39.7



#68
m/p-Xylenes
Concen: 19.520 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion:106 Resp: 83625
Ion Ratio Lower Upper
106 100
91 197.3 147.0 220.6





#69

o-Xylene

Concen: 8.997 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

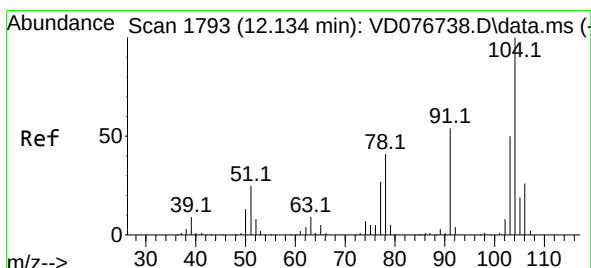
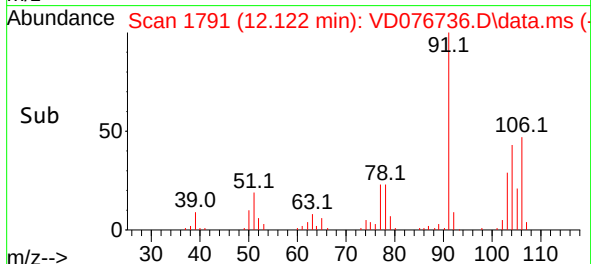
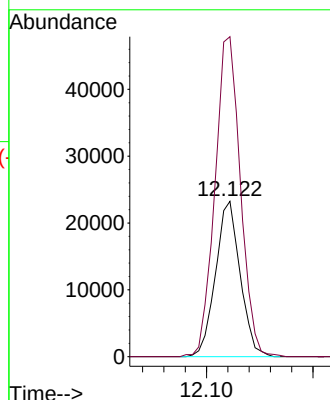
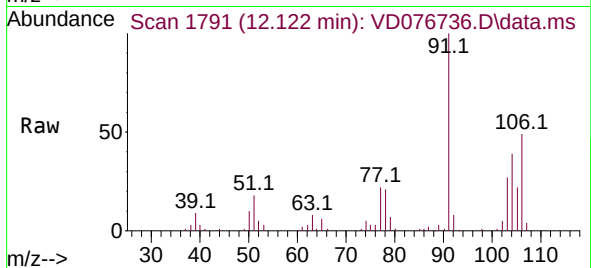
VSTDIC010

Tgt Ion:106 Resp: 37271

Ion Ratio Lower Upper

106 100

91 213.2 97.9 293.6



#70

Styrene

Concen: 8.810 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

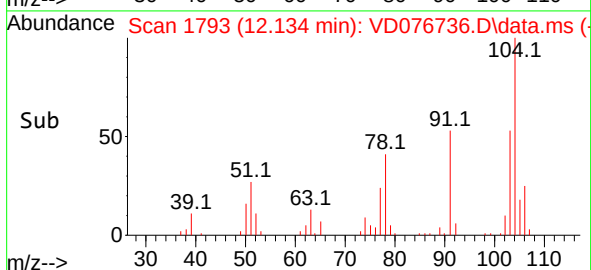
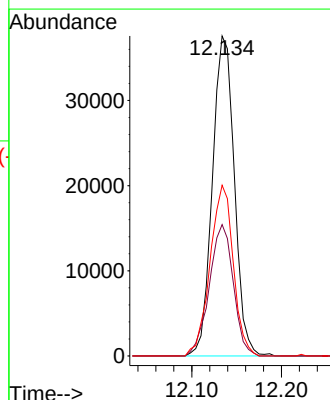
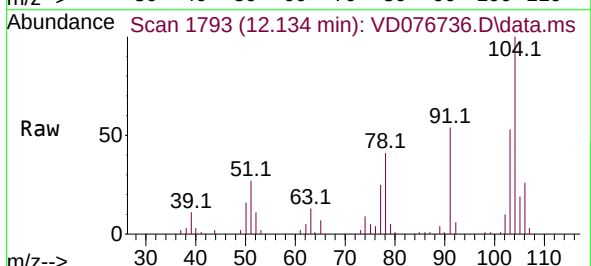
Tgt Ion:104 Resp: 63889

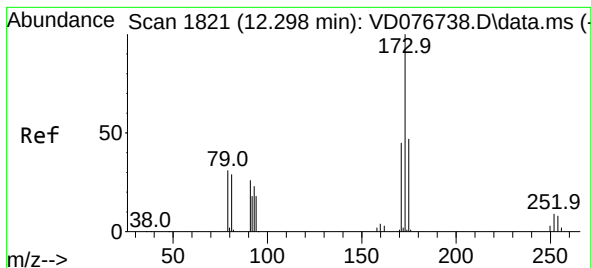
Ion Ratio Lower Upper

104 100

78 44.7 33.2 49.8

103 56.4 43.6 65.4





#71

Bromoform

Concen: 9.834 ug/l

RT: 12.293 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

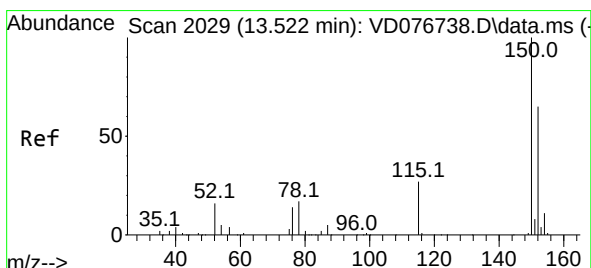
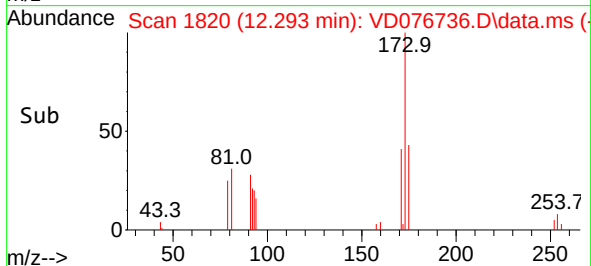
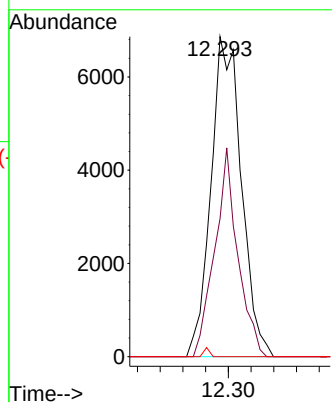
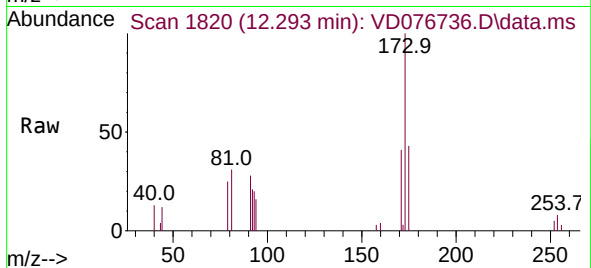
Tgt Ion:173 Resp: 12736

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.8

254 0.5 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

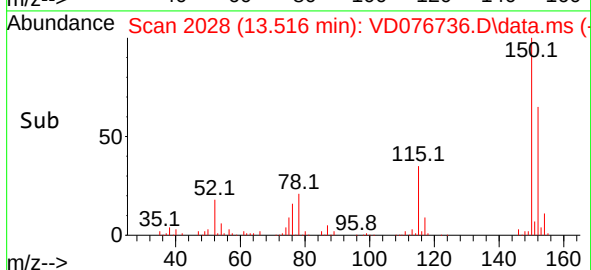
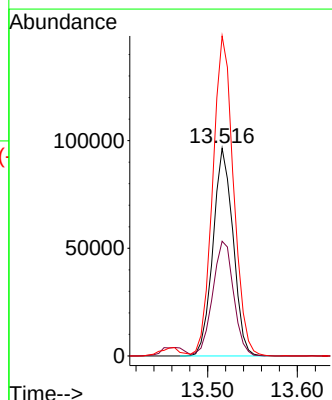
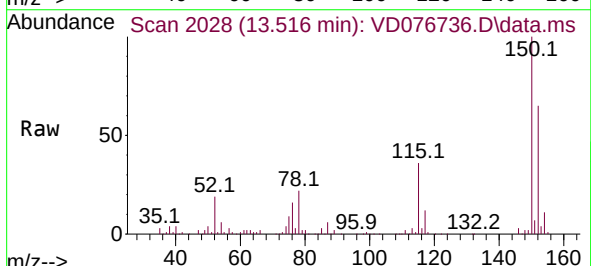
Tgt Ion:152 Resp: 149737

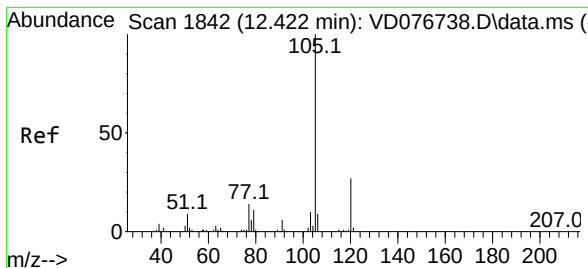
Ion Ratio Lower Upper

152 100

115 57.8 27.1 81.3

150 159.7 0.0 353.6





#73

Isopropylbenzene

Concen: 9.109 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

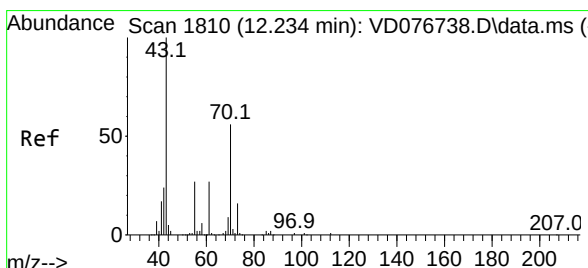
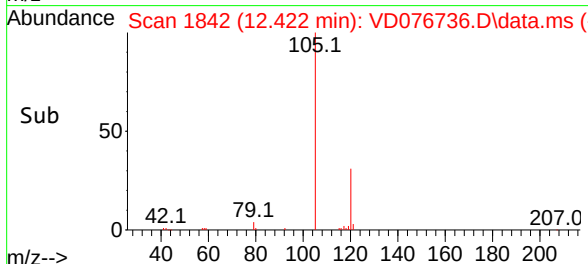
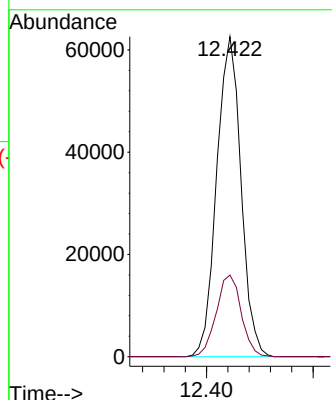
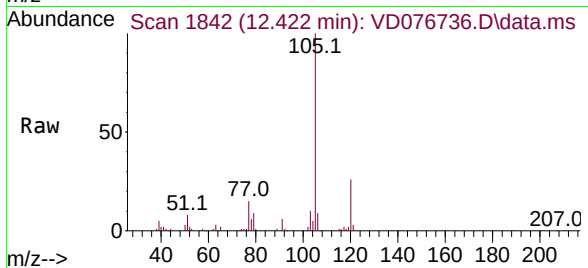
VSTDIC010

Tgt Ion:105 Resp: 98958

Ion Ratio Lower Upper

105 100

120 26.2 14.3 42.9



#74

N-ethyl acetate

Concen: 9.520 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Tgt Ion: 43 Resp: 21787

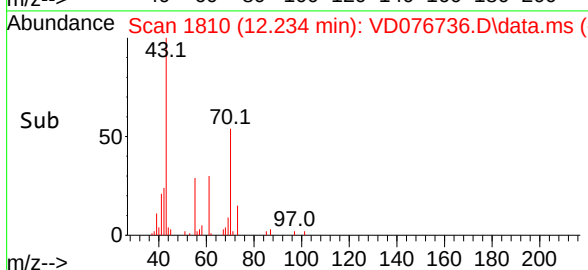
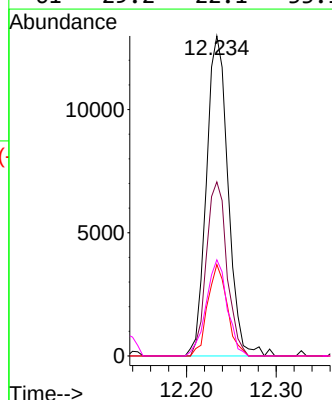
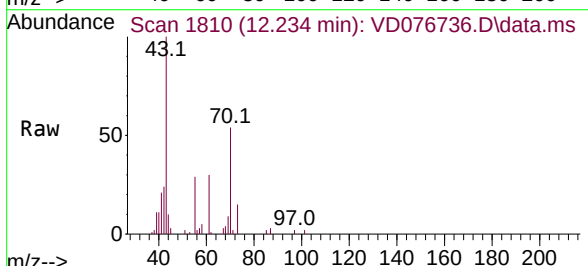
Ion Ratio Lower Upper

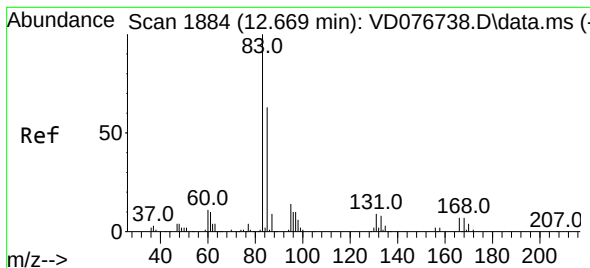
43 100

70 51.5 45.0 67.4

55 25.7 23.8 35.6

61 29.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 9.852 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

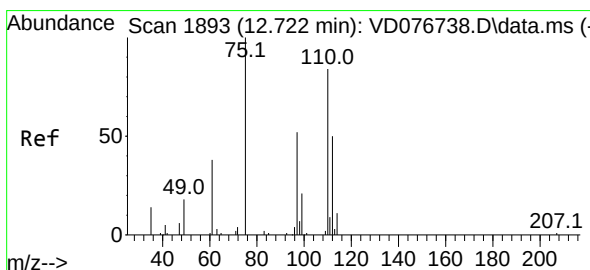
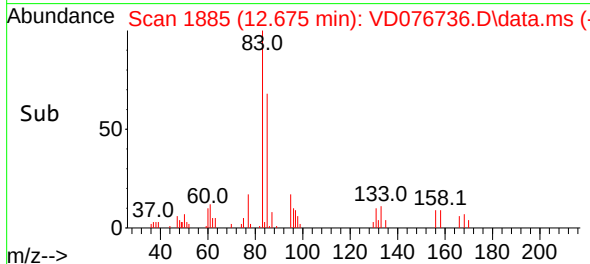
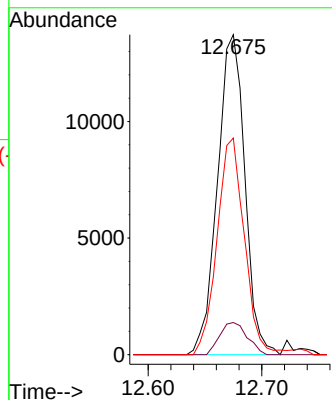
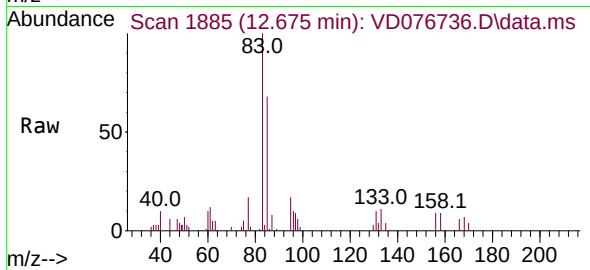
Tgt Ion: 83 Resp: 22979

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 67.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 19.162 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD076736.D

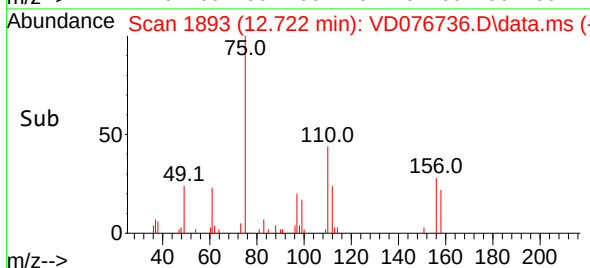
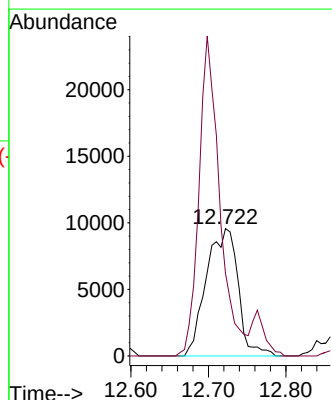
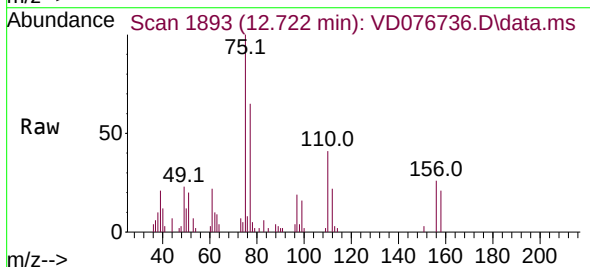
Acq: 14 Jul 2023 12:22

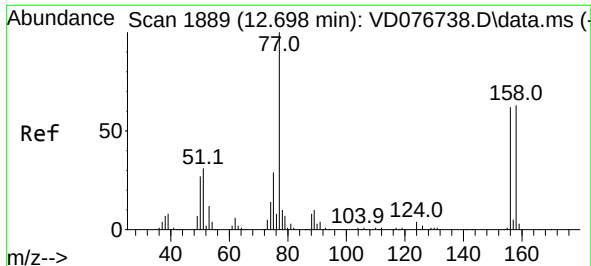
Tgt Ion: 75 Resp: 27287

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

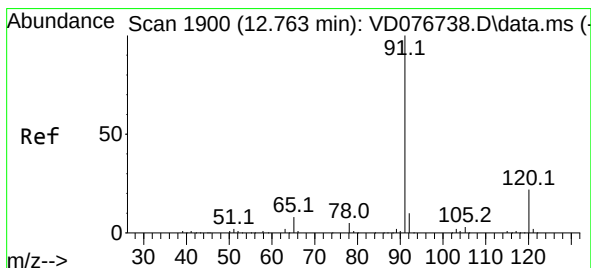
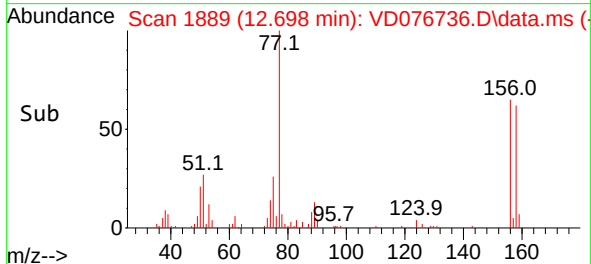
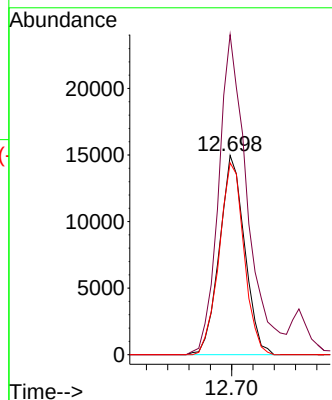
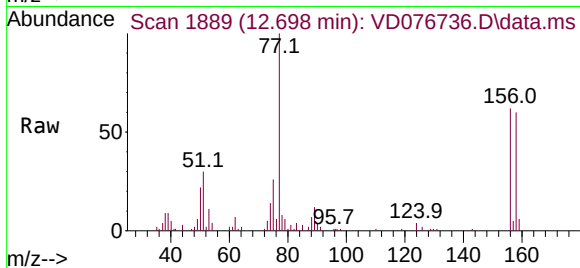




#77
Bromobenzene
Concen: 9.801 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

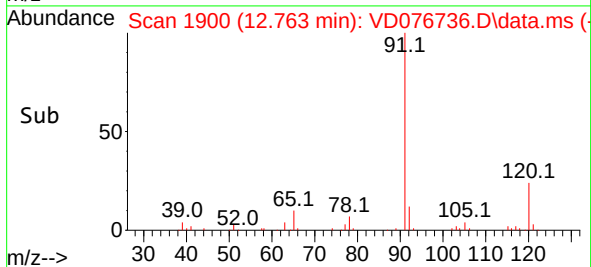
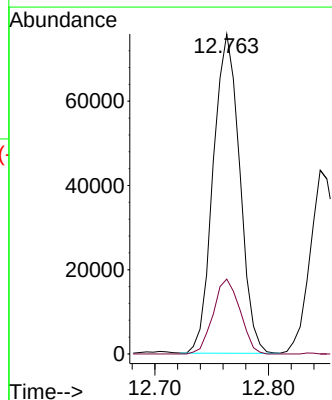
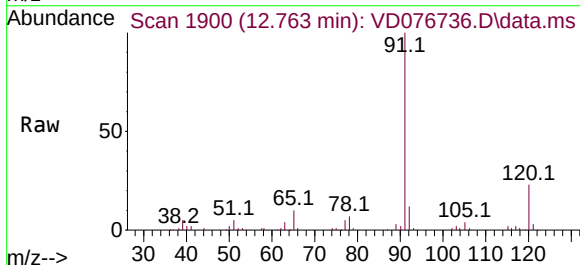
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

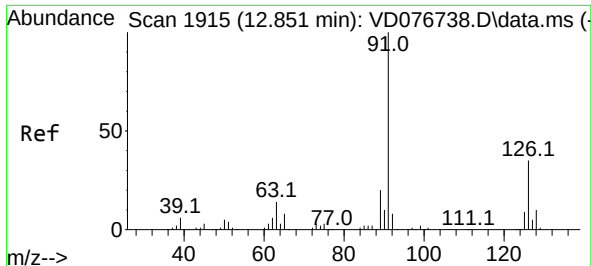
Tgt Ion:156 Resp: 24577
Ion Ratio Lower Upper
156 100
77 182.9 76.8 230.4
158 94.7 48.6 145.9



#78
n-propylbenzene
Concen: 9.338 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 91 Resp: 122986
Ion Ratio Lower Upper
91 100
120 23.7 12.4 37.2





#79

2-Chlorotoluene

Concen: 9.930 ug/l

RT: 12.846 min Scan# 1915

Delta R.T. -0.005 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

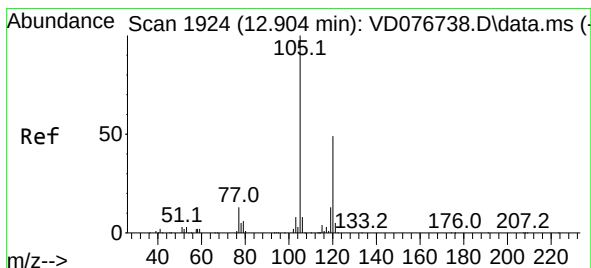
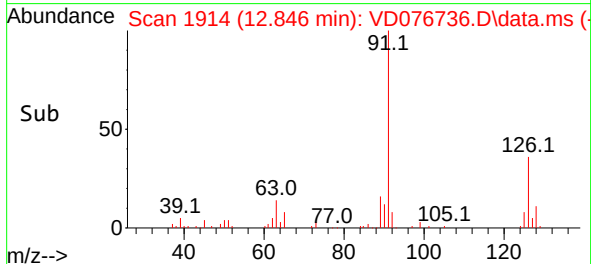
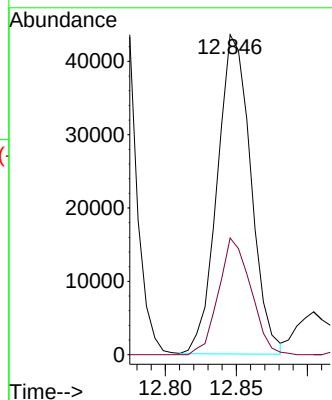
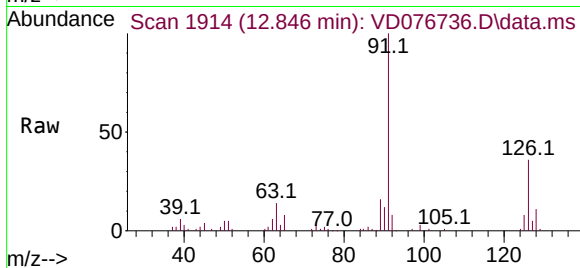
VSTDIC010

Tgt Ion: 91 Resp: 71705

Ion Ratio Lower Upper

91 100

126 35.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 9.626 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076736.D

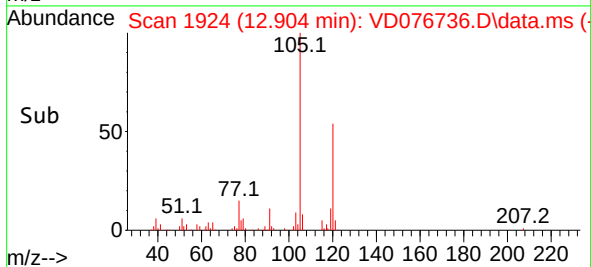
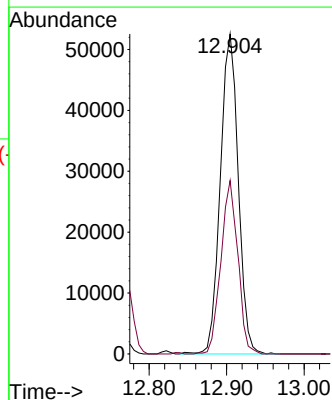
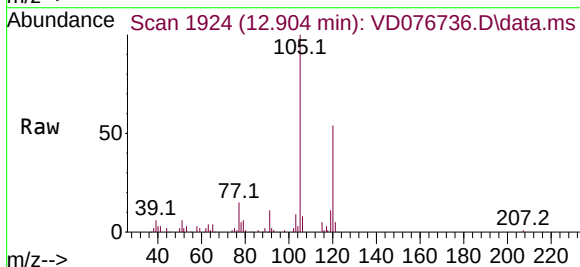
Acq: 14 Jul 2023 12:22

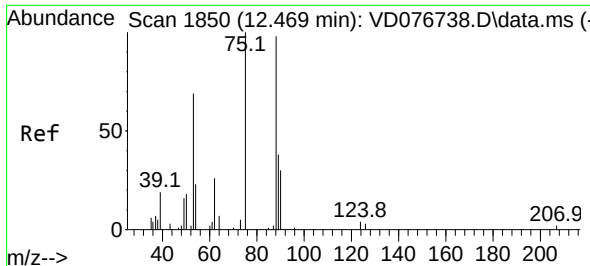
Tgt Ion: 105 Resp: 84562

Ion Ratio Lower Upper

105 100

120 51.1 26.4 79.2

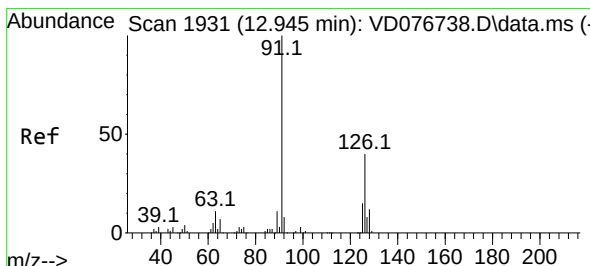
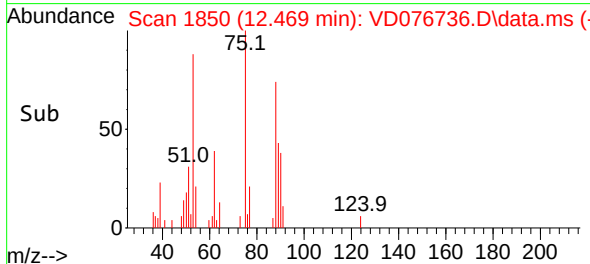
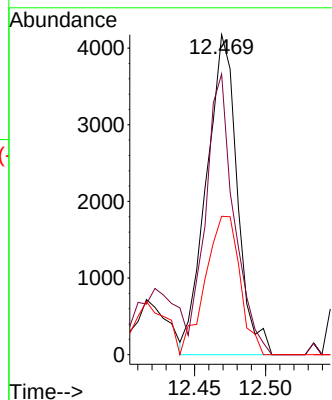
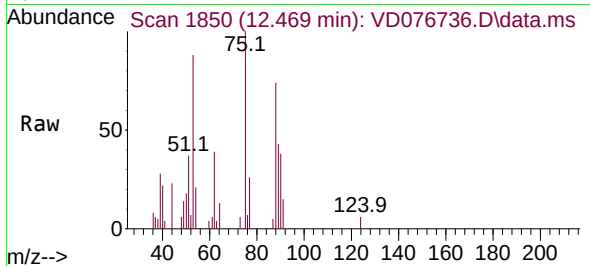




#81
trans-1,4-Dichloro-2-butene
Concen: 9.423 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

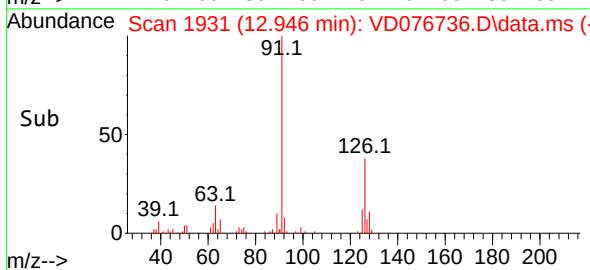
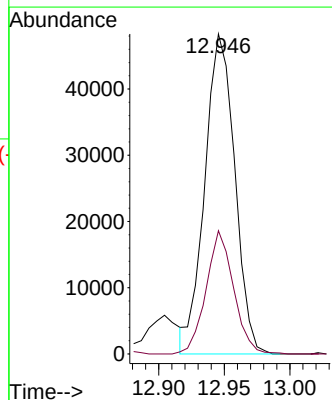
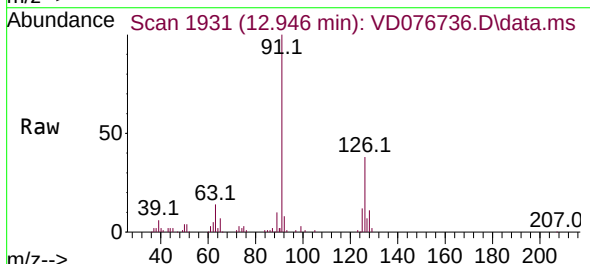
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

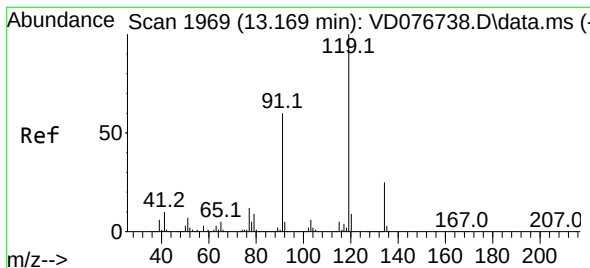
Tgt Ion:	75	Resp:	6305
Ion	Ratio	Lower	Upper
75	100		
53	80.4	63.0	94.4
89	48.3	37.9	56.9



#82
4-Chlorotoluene
Concen: 10.187 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion:	91	Resp:	76851
Ion	Ratio	Lower	Upper
91	100		
126	35.4	19.4	58.4





#83

tert-Butylbenzene

Concen: 9.634 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

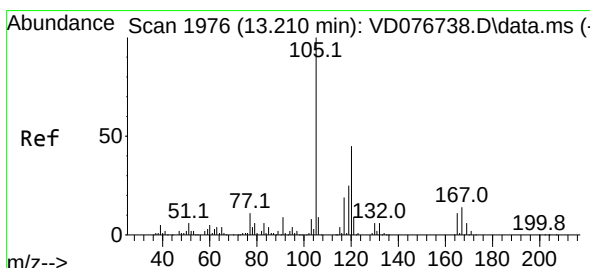
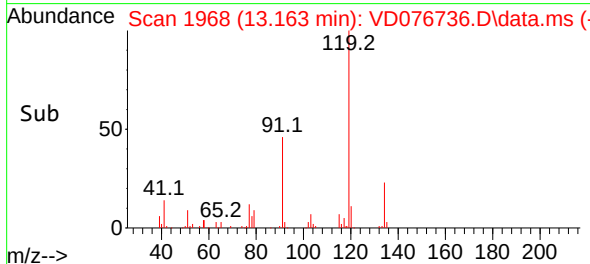
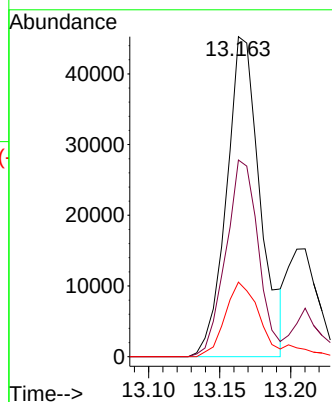
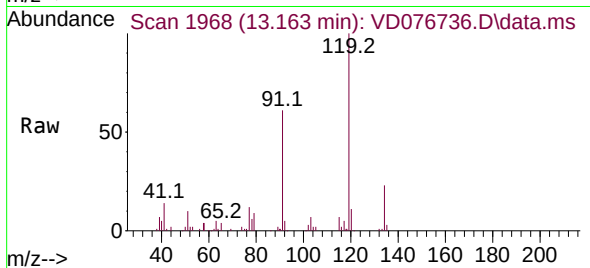
Tgt Ion:119 Resp: 74512

Ion Ratio Lower Upper

119 100

91 59.9 29.3 87.8

134 23.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 9.375 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076736.D

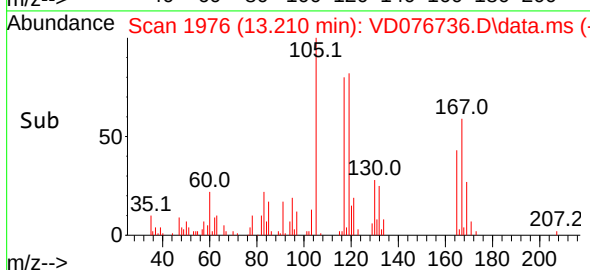
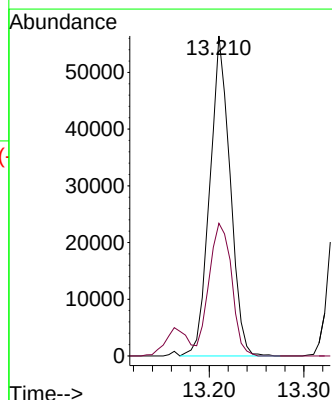
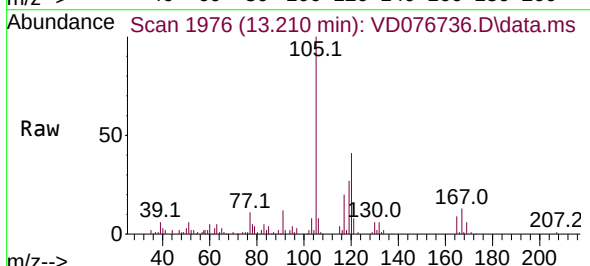
Acq: 14 Jul 2023 12:22

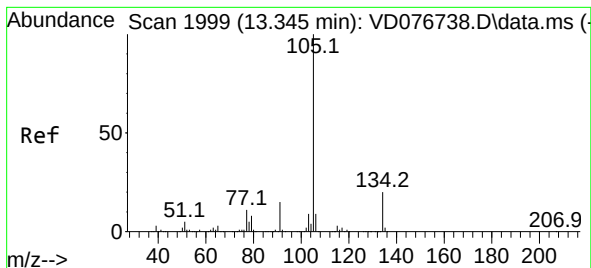
Tgt Ion:105 Resp: 84159

Ion Ratio Lower Upper

105 100

120 45.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 9.848 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

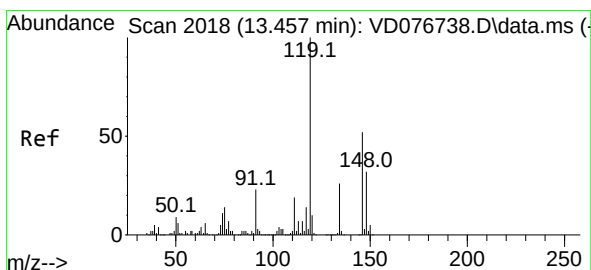
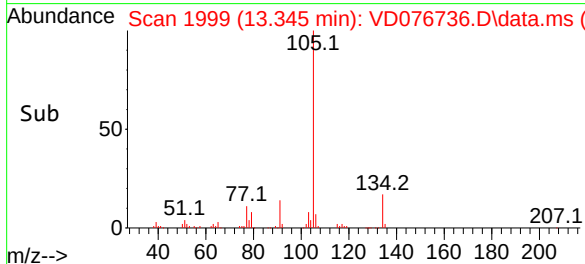
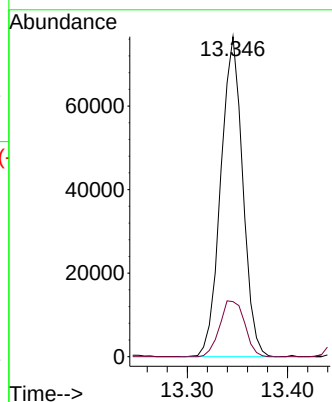
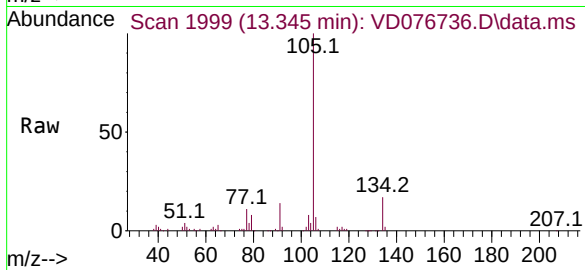
VSTDIC010

Tgt Ion:105 Resp: 116378

Ion Ratio Lower Upper

105 100

134 19.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 9.503 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

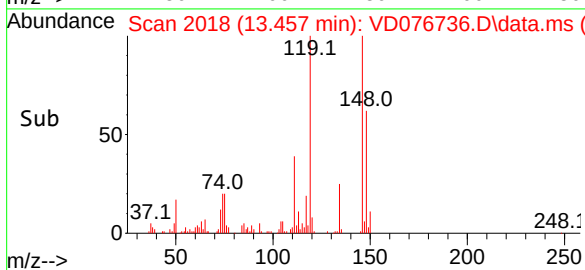
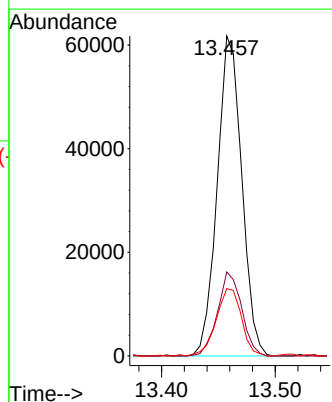
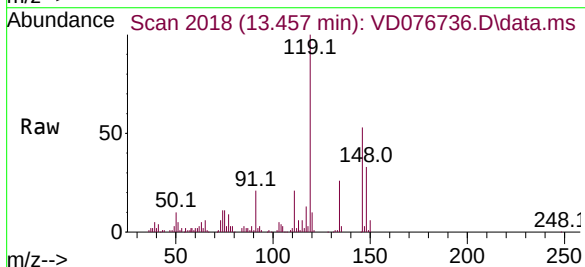
Tgt Ion:119 Resp: 92739

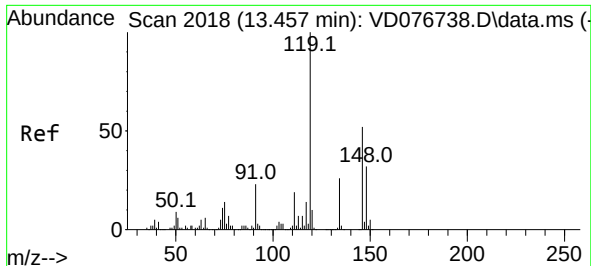
Ion Ratio Lower Upper

119 100

134 25.7 14.2 42.6

91 21.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 10.243 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

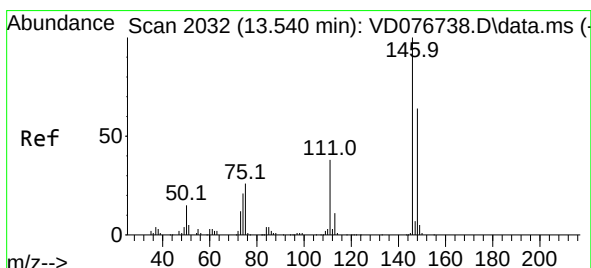
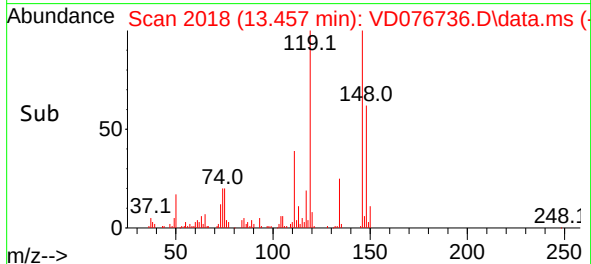
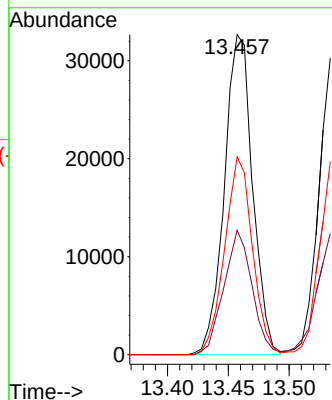
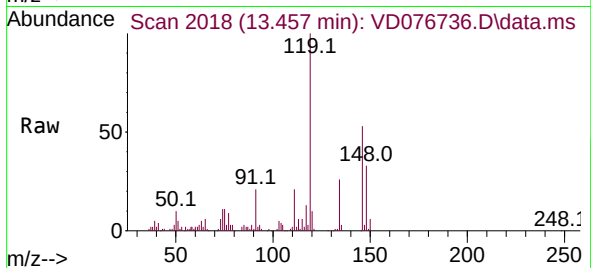
Tgt Ion:146 Resp: 52833

Ion Ratio Lower Upper

146 100

111 38.8 17.9 53.8

148 61.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 10.873 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

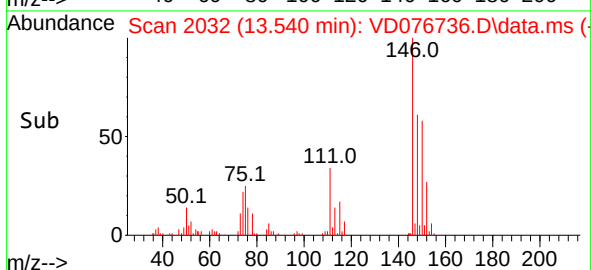
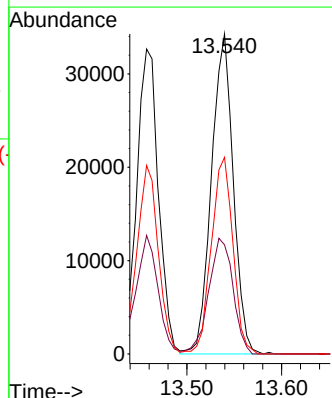
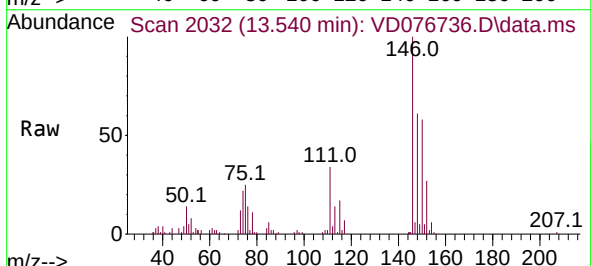
Tgt Ion:146 Resp: 54944

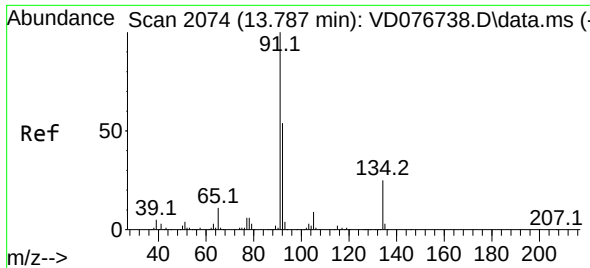
Ion Ratio Lower Upper

146 100

111 40.2 17.4 52.3

148 60.8 31.7 95.1

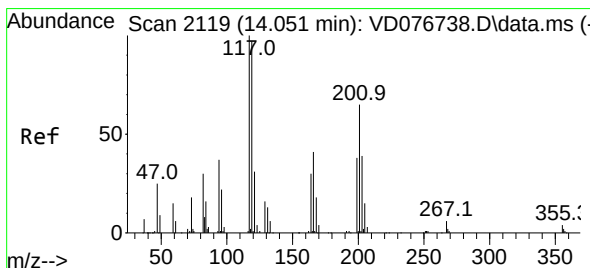
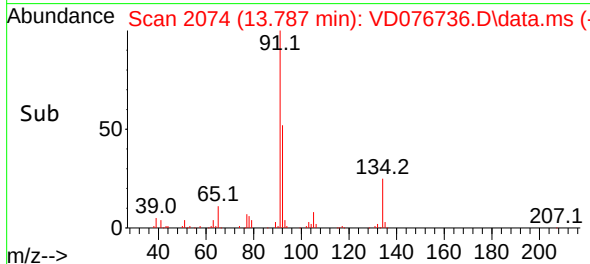
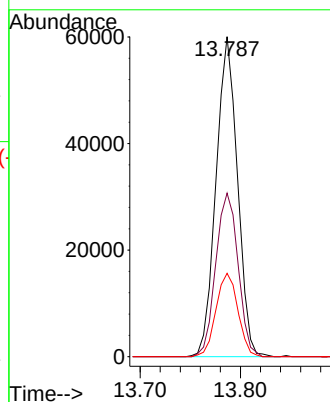
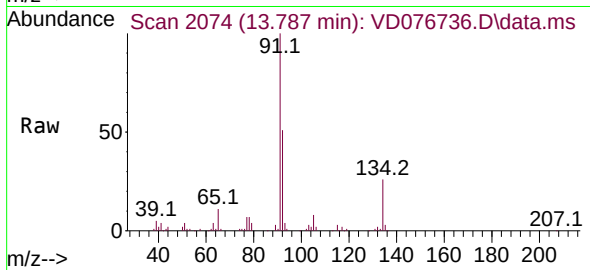




#89
n-Butylbenzene
Concen: 9.316 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

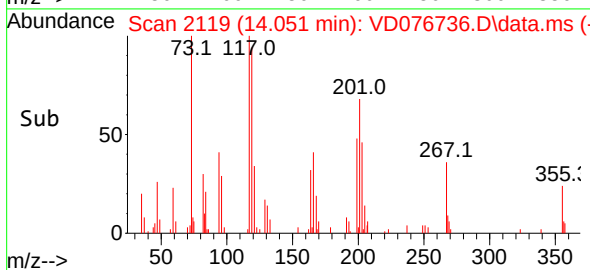
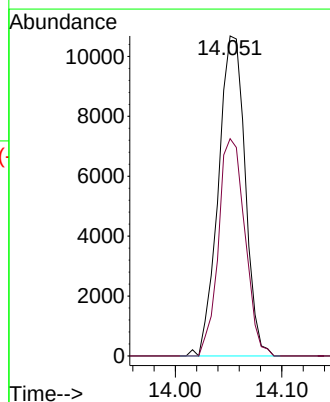
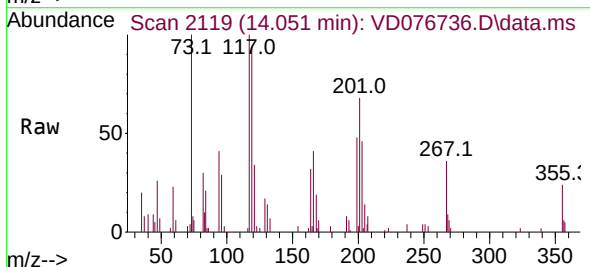
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

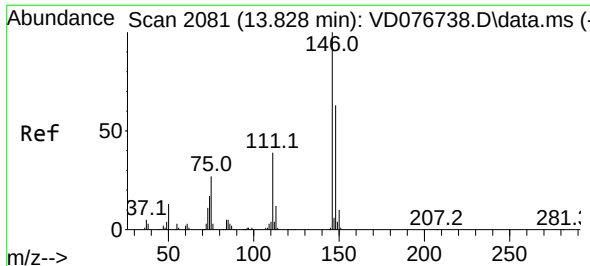
Tgt Ion:	91	Resp:	88968
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.5	79.5
134	26.7	13.8	41.3



#90
Hexachloroethane
Concen: 10.327 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion:	117	Resp:	18632
Ion	Ratio	Lower	Upper
117	100		
201	67.2	38.5	115.5

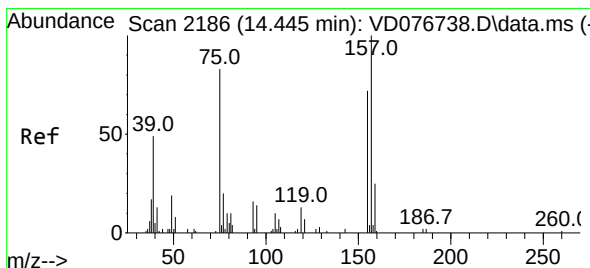
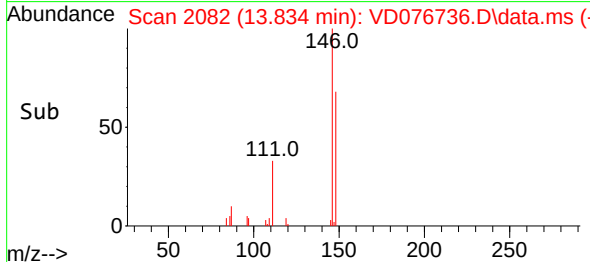
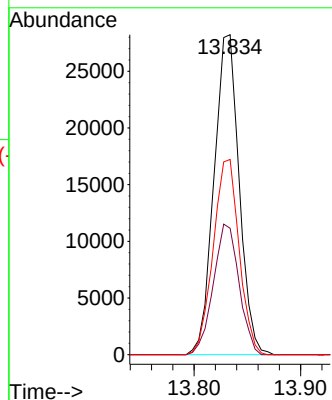
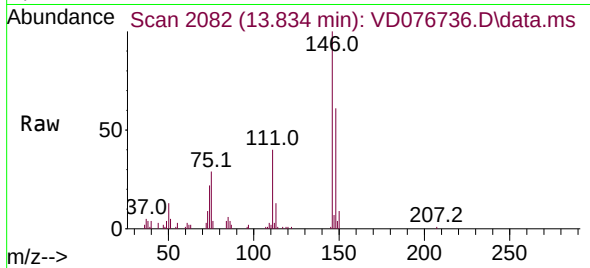




#91
1,2-Dichlorobenzene
Concen: 10.178 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

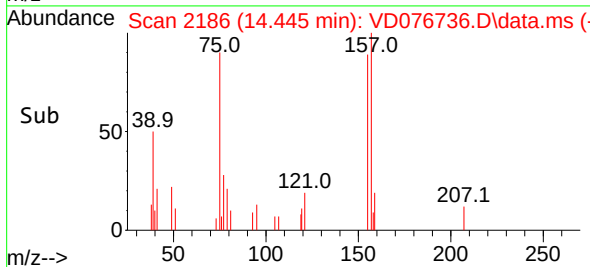
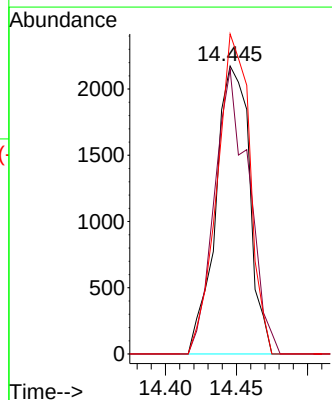
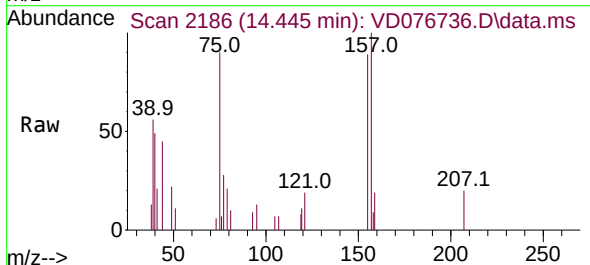
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

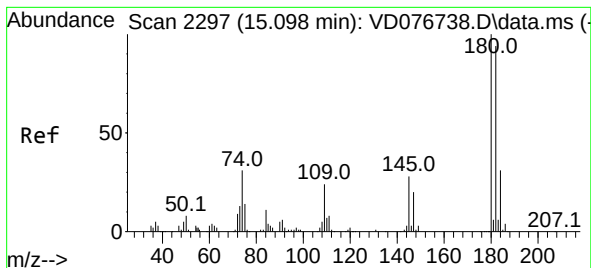
Tgt Ion:146 Resp: 46259
Ion Ratio Lower Upper
146 100
111 41.7 18.3 54.8
148 62.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.834 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion: 75 Resp: 3603
Ion Ratio Lower Upper
75 100
155 99.6 47.9 143.8
157 107.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 10.550 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

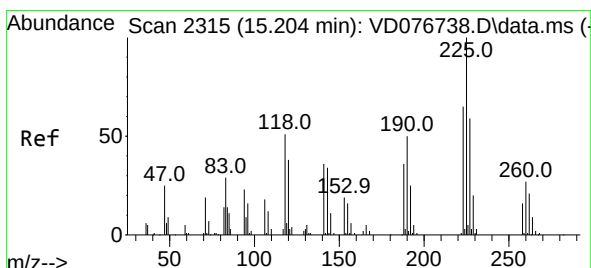
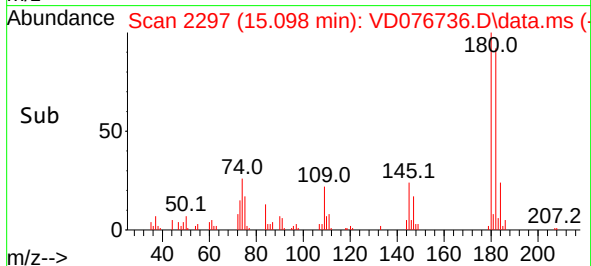
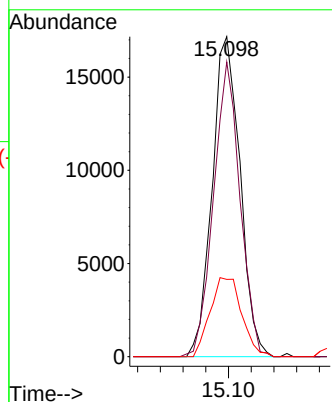
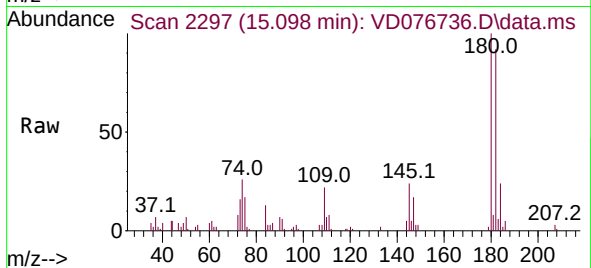
Tgt Ion:180 Resp: 29273

Ion Ratio Lower Upper

180 100

182 87.5 48.5 145.6

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 10.182 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076736.D

Acq: 14 Jul 2023 12:22

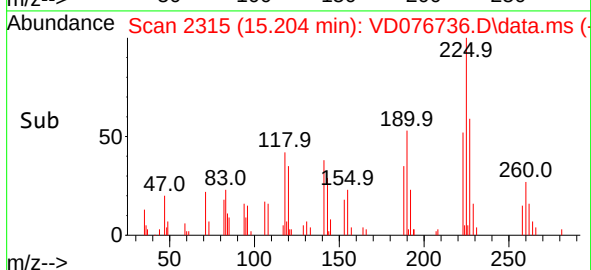
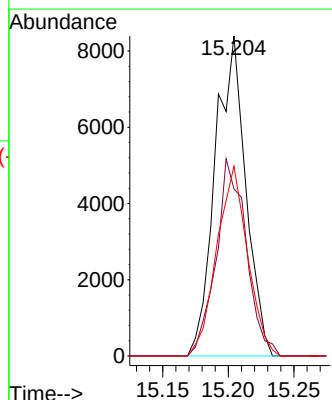
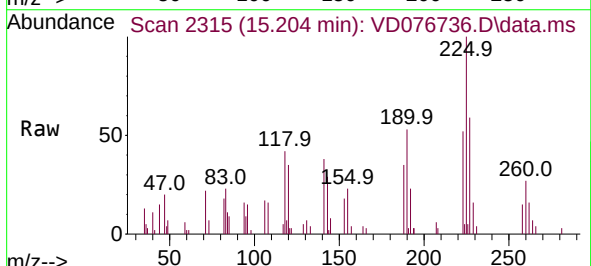
Tgt Ion:225 Resp: 13587

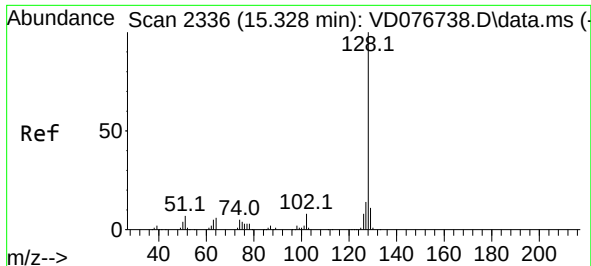
Ion Ratio Lower Upper

225 100

223 60.7 31.6 94.8

227 60.0 31.7 95.1

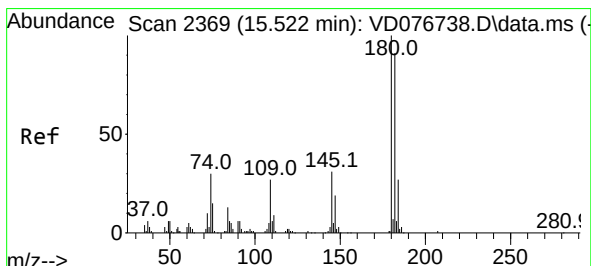
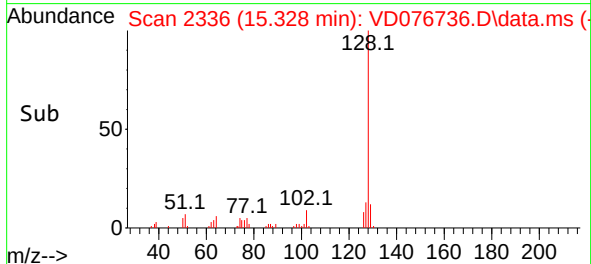
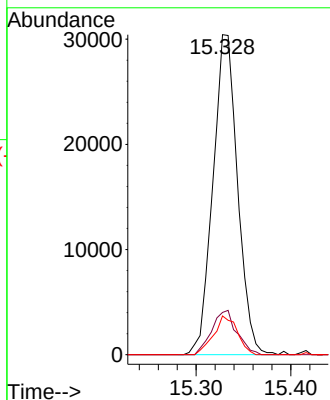
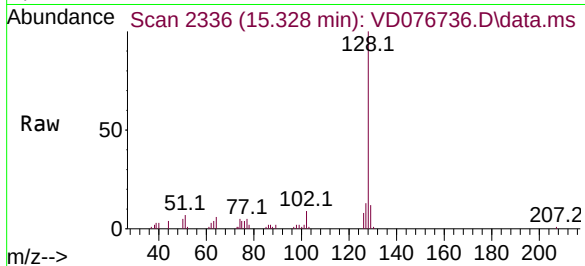




#95
Naphthalene
Concen: 9.176 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	12.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.667 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076736.D
Acq: 14 Jul 2023 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	47.3	141.9
145	32.8	15.1	45.3

