

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077243.D
 Acq On : 28 Sep 2023 21:30
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 29 08:31:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	221166	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	383490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	369359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	189227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110624	49.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.120%
35) Dibromofluoromethane	7.805	113	129192	48.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.000%
50) Toluene-d8	10.269	98	467998	49.361	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.569	95	146088	49.713	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.420%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	100610	44.020	ug/l	94
3) Chloromethane	2.146	50	165827	39.250	ug/l	97
4) Vinyl Chloride	2.281	62	190204	42.086	ug/l	100
5) Bromomethane	2.687	94	156325	47.492	ug/l	99
6) Chloroethane	2.834	64	147274	52.371	ug/l	98
7) Trichlorofluoromethane	3.175	101	217769	53.311	ug/l	97
8) Diethyl Ether	3.593	74	69110	52.419	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.964	101	131556	51.511	ug/l	98
10) Methyl Iodide	4.158	142	190686	52.238	ug/l	92
11) Tert butyl alcohol	5.064	59	34445	270.666	ug/l	99
12) 1,1-Dichloroethene	3.940	96	129674	50.402	ug/l	93
13) Acrolein	3.793	56	11329	116.977	ug/l	96
14) Allyl chloride	4.564	41	181712	57.890	ug/l	92
15) Acrylonitrile	5.252	53	163438	295.633	ug/l	98
16) Acetone	4.022	43	126215	247.414	ug/l	# 85
17) Carbon Disulfide	4.269	76	416031	49.120	ug/l	99
18) Methyl Acetate	4.564	43	116680	60.487	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	308775	55.463	ug/l	99
20) Methylene Chloride	4.799	84	176594	54.047	ug/l	# 86
21) trans-1,2-Dichloroethene	5.311	96	162631	52.292	ug/l	92
22) Diisopropyl ether	6.216	45	414763	58.442	ug/l	# 95
23) Vinyl Acetate	6.158	43	972494	342.757	ug/l	93
24) 1,1-Dichloroethane	6.111	63	273376	53.669	ug/l	96
25) 2-Butanone	7.081	43	183955	274.094	ug/l	# 85
26) 2,2-Dichloropropane	7.075	77	218183	50.462	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	184578	52.794	ug/l	94
28) Bromochloromethane	7.422	49	91443	58.462	ug/l	# 77
29) Tetrahydrofuran	7.440	42	115830	295.229	ug/l	89
30) Chloroform	7.593	83	290795	52.971	ug/l	98
31) Cyclohexane	7.875	56	211020	54.040	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	239723	52.315	ug/l	98
36) 1,1-Dichloropropene	8.010	75	211096	52.622	ug/l	97
37) Ethyl Acetate	7.169	43	83963	54.554	ug/l	# 92
38) Carbon Tetrachloride	7.987	117	195826	49.667	ug/l	94
39) Methylcyclohexane	9.275	83	241333	52.286	ug/l	96
40) Benzene	8.252	78	647224	52.148	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	39467	48.044	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	159986	51.992	ug/l	96
43) Isopropyl Acetate	8.363	43	157144	55.455	ug/l	91
44) Trichloroethene	9.028	130	168118	48.941	ug/l	94
45) 1,2-Dichloropropane	9.304	63	161851	53.690	ug/l	96
46) Dibromomethane	9.393	93	91019	51.959	ug/l	90
47) Bromodichloromethane	9.587	83	217664	51.418	ug/l	98
48) Methyl methacrylate	9.381	41	74870	58.145	ug/l #	82
49) 1,4-Dioxane	9.387	88	18584	1175.295	ug/l #	95
51) 4-Methyl-2-Pentanone	10.157	43	418918	282.667	ug/l	91
52) Toluene	10.334	92	413563	52.086	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	208183	52.640	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	248348	52.413	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	124115	52.092	ug/l	96
56) Ethyl methacrylate	10.599	69	146209	57.119	ug/l	92
57) 1,3-Dichloropropane	10.881	76	204461	53.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	393532	291.884	ug/l	95
59) 2-Hexanone	10.922	43	290034	272.756	ug/l	90
60) Dibromochloromethane	11.075	129	145738	49.940	ug/l	96
61) 1,2-Dibromoethane	11.181	107	118298	51.359	ug/l	97
64) Tetrachloroethene	10.810	164	141666	49.296	ug/l	95
65) Chlorobenzene	11.604	112	429449	49.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	155269	48.845	ug/l	98
67) Ethyl Benzene	11.681	91	777808	52.079	ug/l	96
68) m/p-Xylenes	11.793	106	611991	102.342	ug/l	91
69) o-Xylene	12.122	106	280322	51.073	ug/l	87
70) Styrene	12.134	104	499946	53.465	ug/l	97
71) Bromoform	12.298	173	85095	48.293	ug/l #	97
73) Isopropylbenzene	12.422	105	737617	52.755	ug/l	95
74) N-amyl acetate	12.234	43	145257	55.305	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	139287	52.788	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	165428	109.598	ug/l #	100
77) Bromobenzene	12.698	156	167911	48.229	ug/l	89
78) n-propylbenzene	12.763	91	911956	53.360	ug/l	96
79) 2-Chlorotoluene	12.851	91	491295	52.129	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	617157	52.852	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	44279	55.526	ug/l	98
82) 4-Chlorotoluene	12.945	91	514582	51.951	ug/l	93
83) tert-Butylbenzene	13.169	119	526486	52.774	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	615007	51.940	ug/l	96
85) sec-Butylbenzene	13.345	105	781108	52.177	ug/l	96
86) p-Isopropyltoluene	13.463	119	659780	51.952	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	346206	48.353	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	337858	47.960	ug/l	99
89) n-Butylbenzene	13.787	91	617773	52.731	ug/l	99
90) Hexachloroethane	14.051	117	123579	49.066	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	301920	49.181	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	18536	52.610	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	184133	48.617	ug/l	96
94) Hexachlorobutadiene	15.204	225	91667	45.673	ug/l	99
95) Naphthalene	15.334	128	357973	51.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	162570	48.292	ug/l	99

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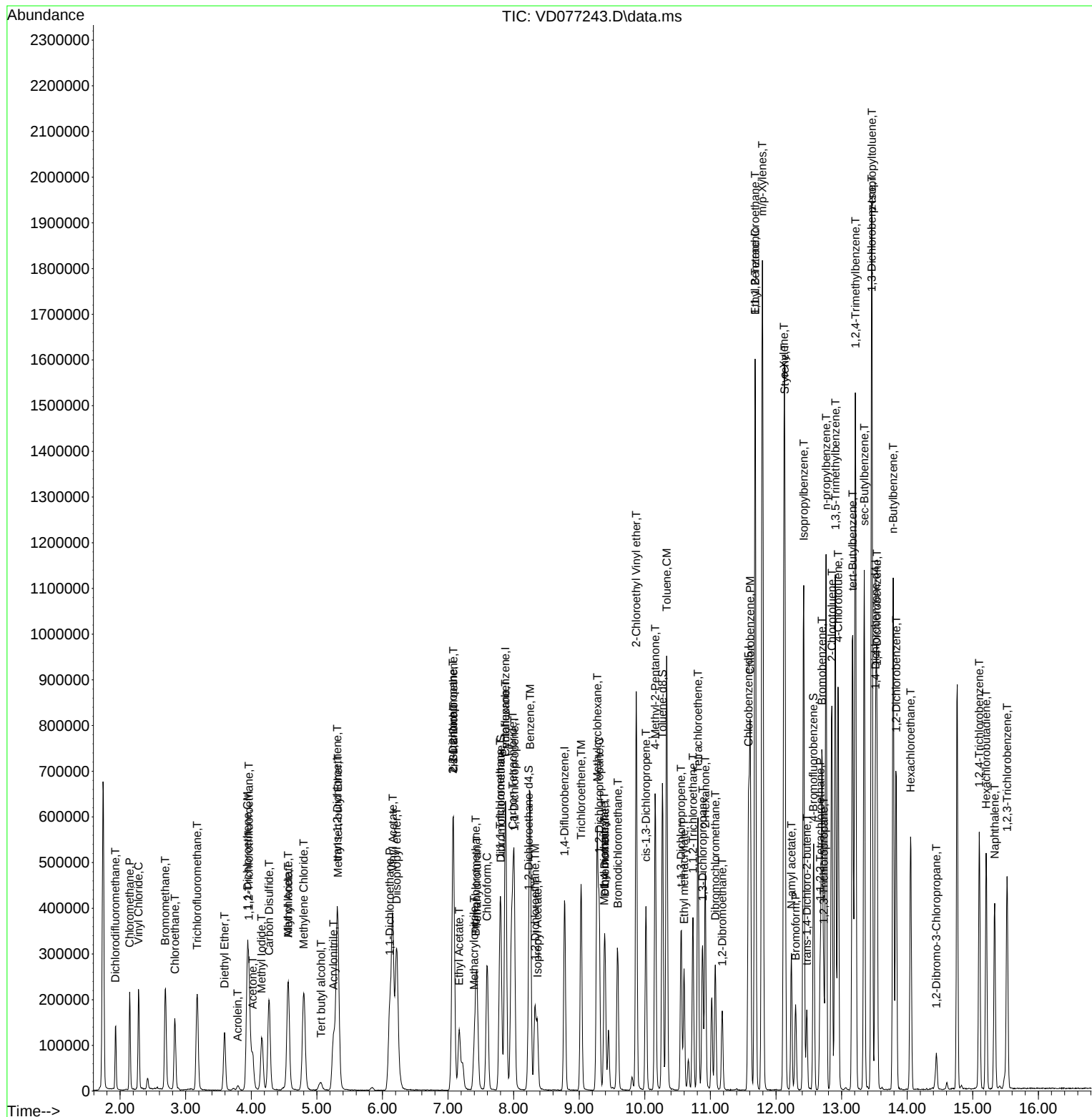
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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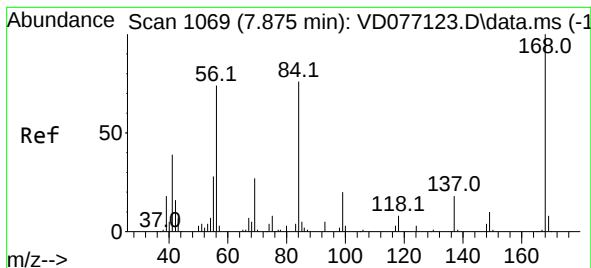
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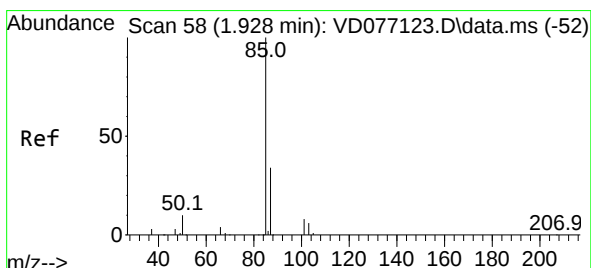
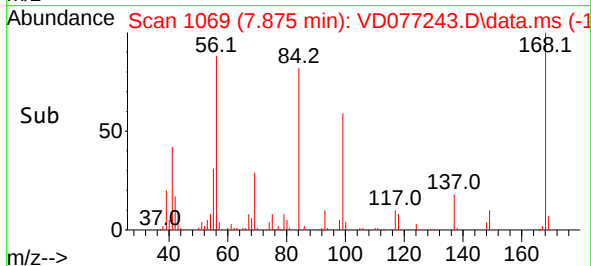
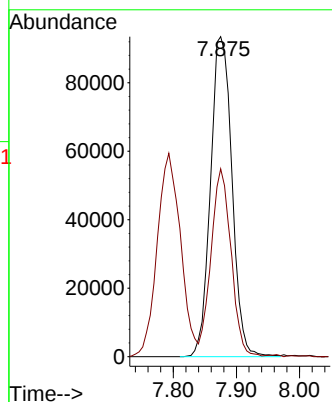
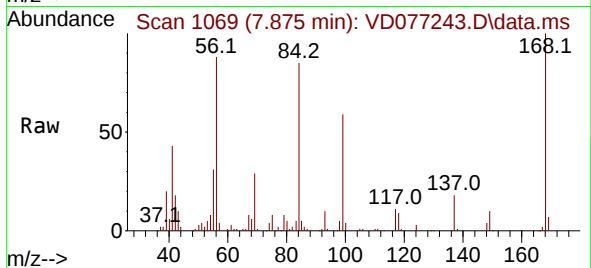




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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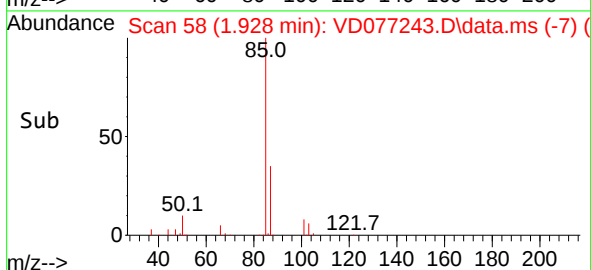
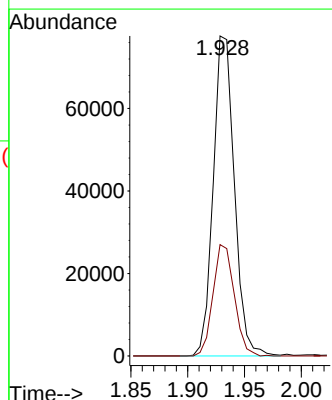
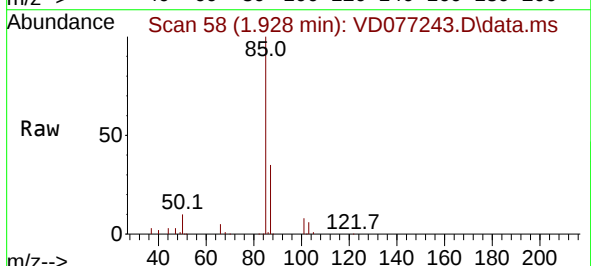
Instrument :
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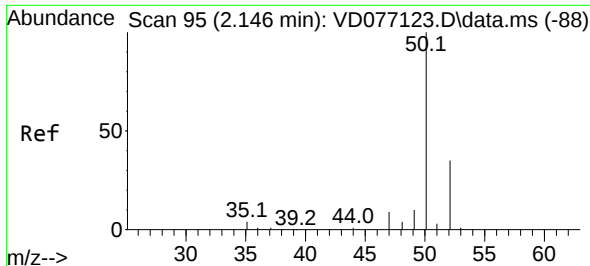
Tgt Ion:168 Resp: 221166
Ion Ratio Lower Upper
168 100
99 58.3 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 44.020 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 85 Resp: 100610
Ion Ratio Lower Upper
85 100
87 34.8 15.7 47.0

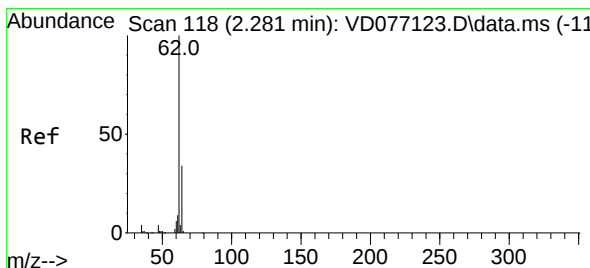
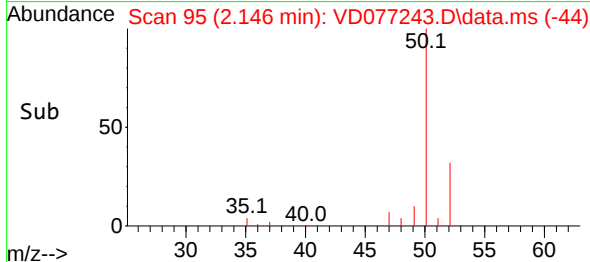
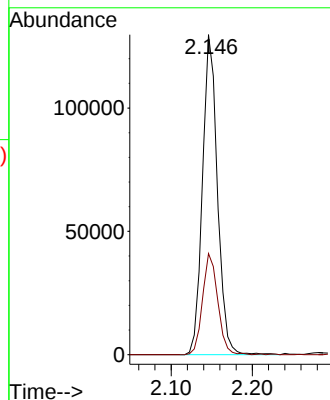
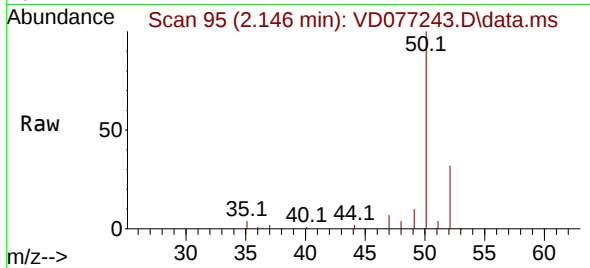




#3
Chloromethane
Concen: 39.250 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077243.D
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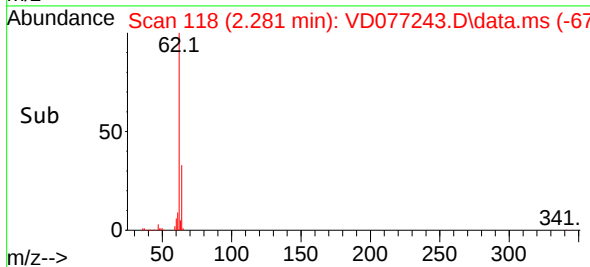
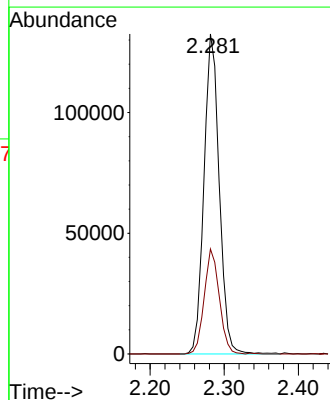
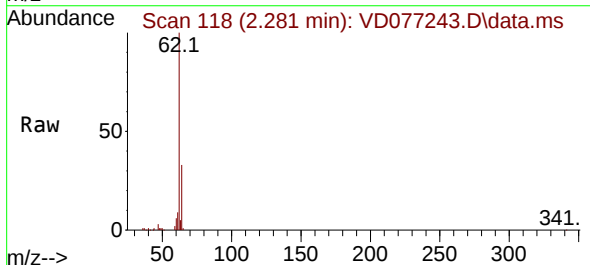
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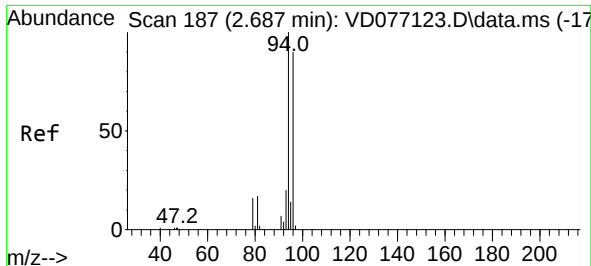
Tgt Ion: 50 Resp: 165827
Ion Ratio Lower Upper
50 100
52 31.6 26.6 40.0



#4
Vinyl Chloride
Concen: 42.086 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 62 Resp: 190204
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0

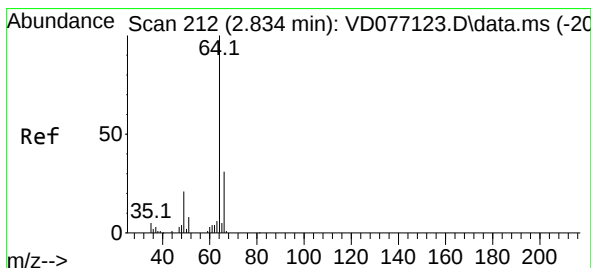
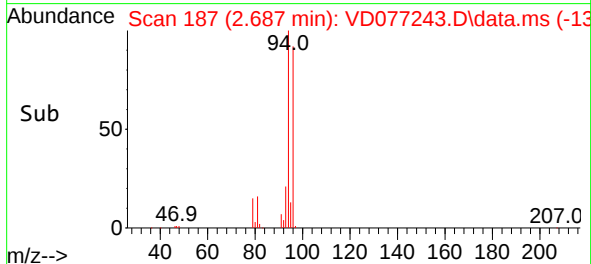
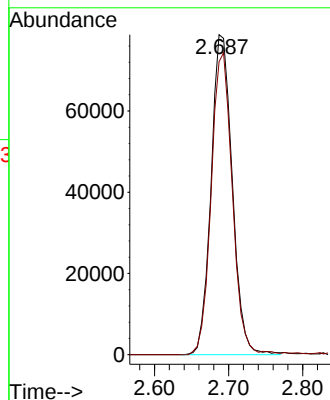
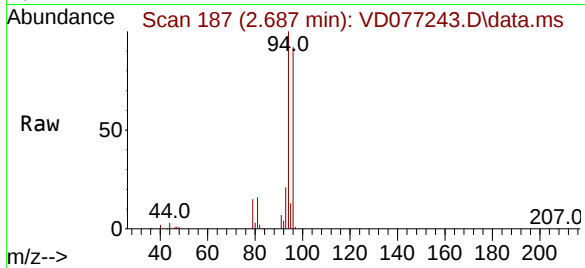




#5
Bromomethane
Concen: 47.492 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077243.D
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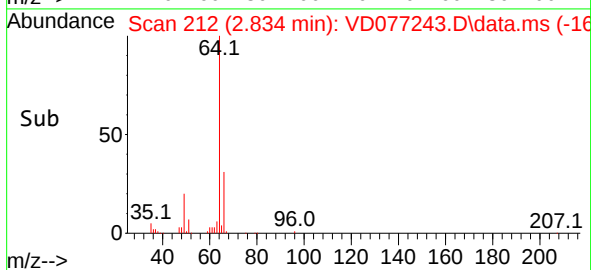
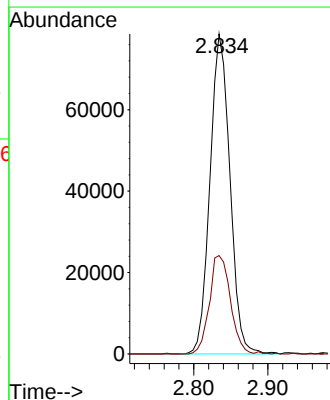
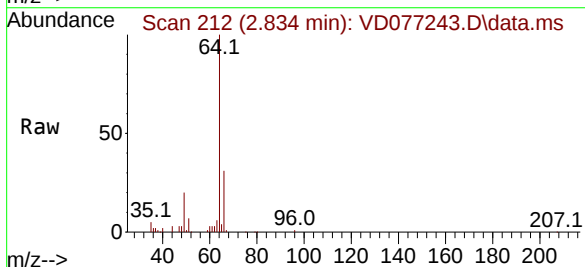
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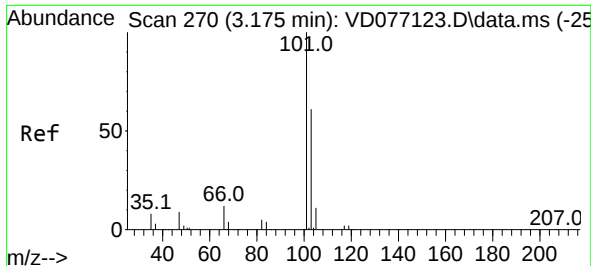
Tgt Ion: 94 Resp: 156325
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8



#6
Chloroethane
Concen: 52.371 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 147274
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3

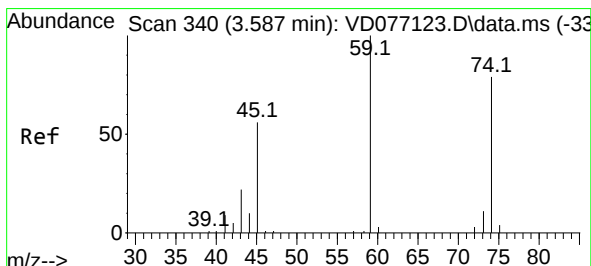
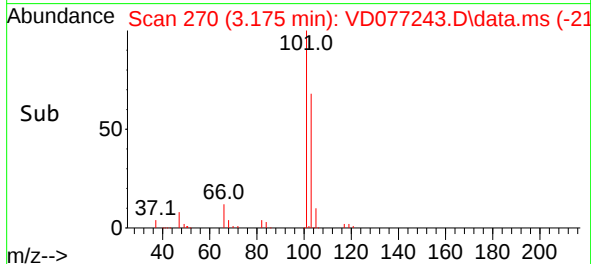
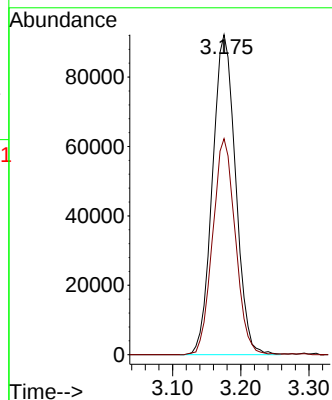
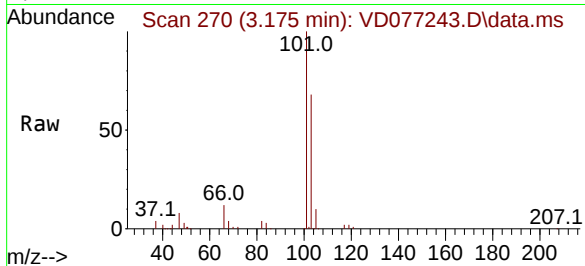




#7
 Trichlorofluoromethane
 Concen: 53.311 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077243.D
 Acq: 28 Sep 2023 21:30

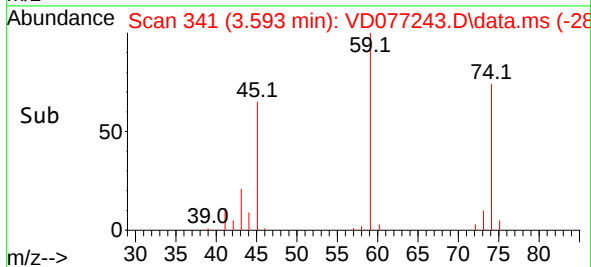
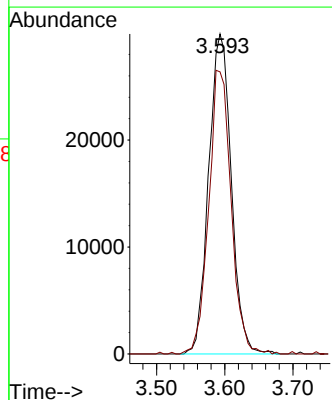
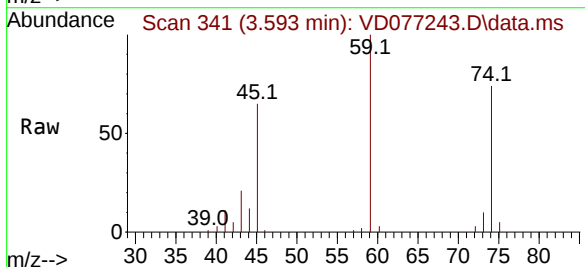
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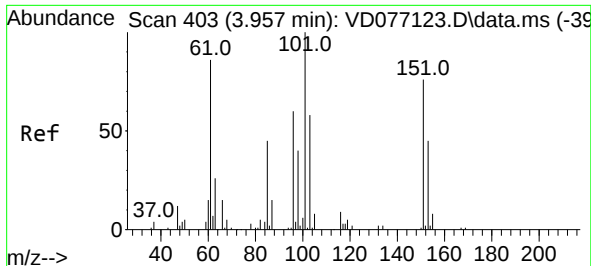
Tgt Ion:101 Resp: 217769
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 52.419 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 69110
 Ion Ratio Lower Upper
 74 100
 45 87.9 37.5 112.7

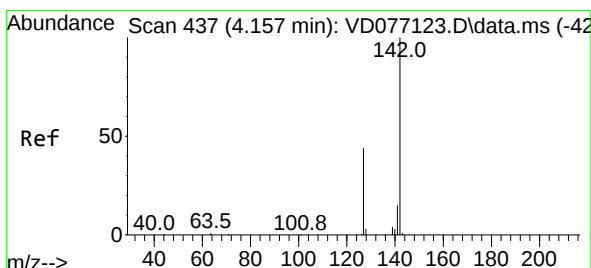
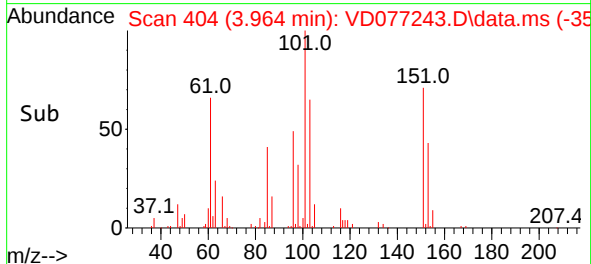
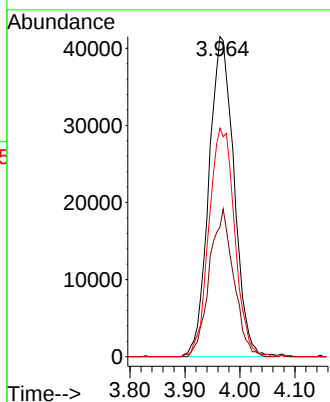
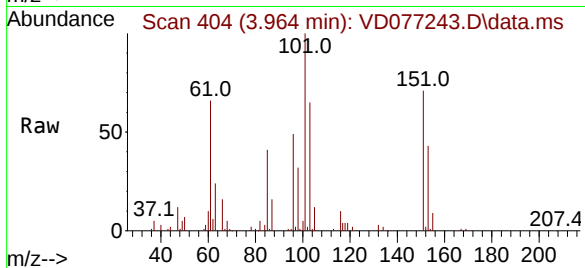




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.511 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

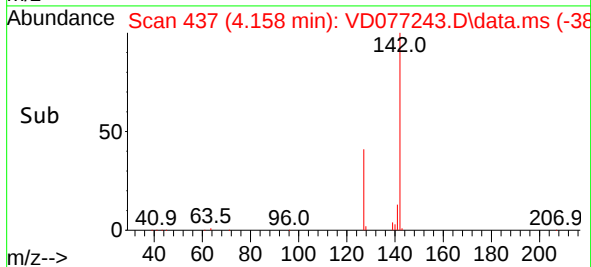
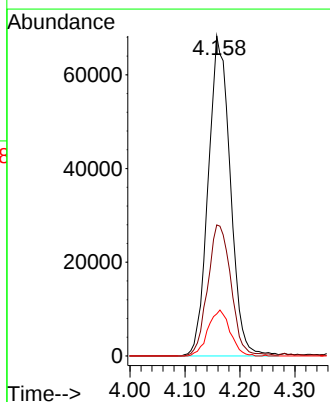
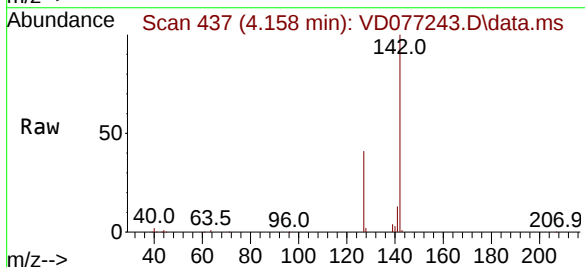
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

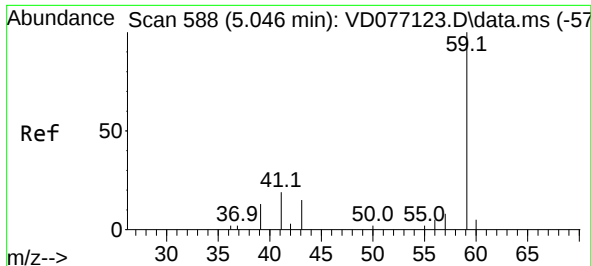
Tgt Ion:101 Resp: 131556
Ion Ratio Lower Upper
101 100
85 44.6 33.8 50.6
151 73.4 59.8 89.6



#10
Methyl Iodide
Concen: 52.238 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion:142 Resp: 190686
Ion Ratio Lower Upper
142 100
127 43.2 29.4 44.0
141 14.4 11.1 16.7

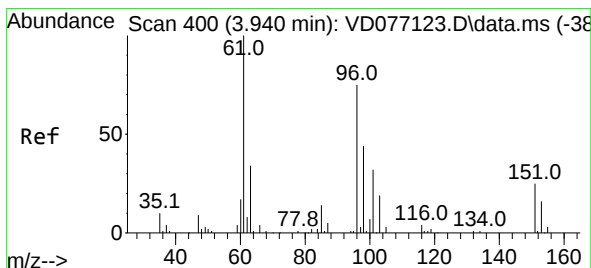
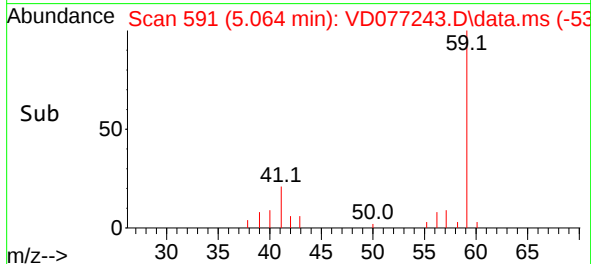
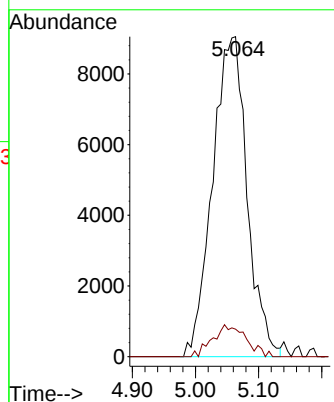
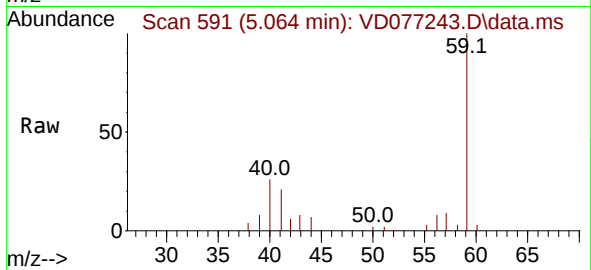




#11
Tert butyl alcohol
Concen: 270.666 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

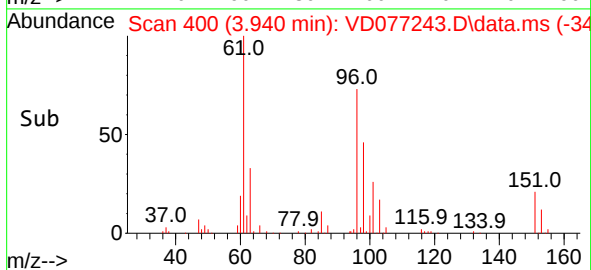
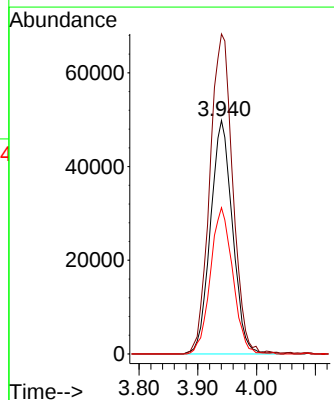
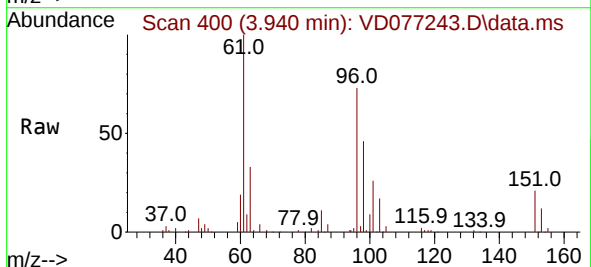
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

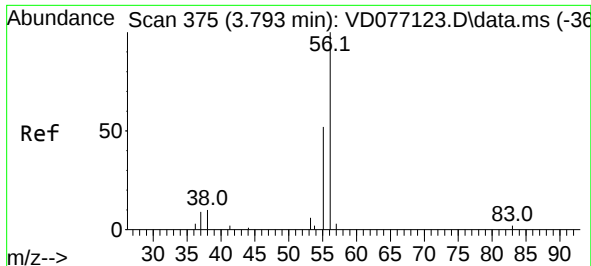
Tgt Ion: 59 Resp: 34445
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 50.402 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 96 Resp: 129674
Ion Ratio Lower Upper
96 100
61 137.1 100.6 150.8
98 62.6 50.2 75.2





#13

Acrolein

Concen: 116.977 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

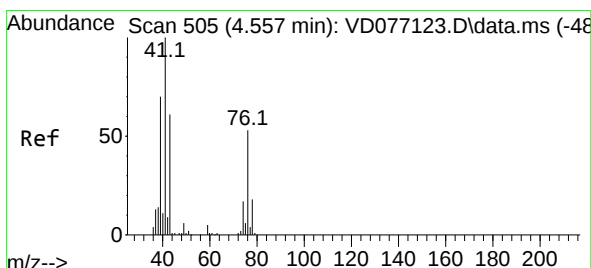
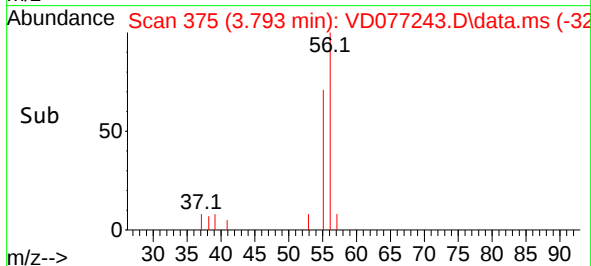
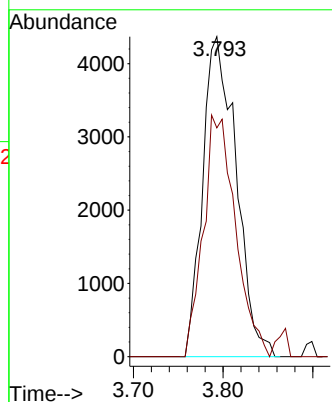
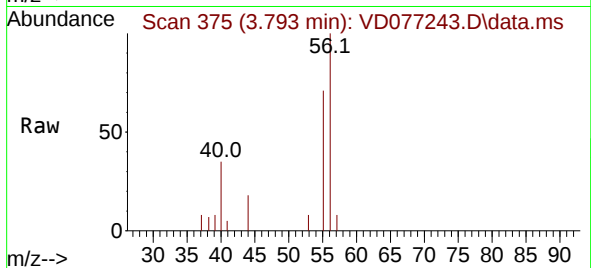
VSTDCCC050EC

Tgt Ion: 56 Resp: 11329

Ion Ratio Lower Upper

56 100

55 72.4 55.1 82.7



#14

Allyl chloride

Concen: 57.890 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

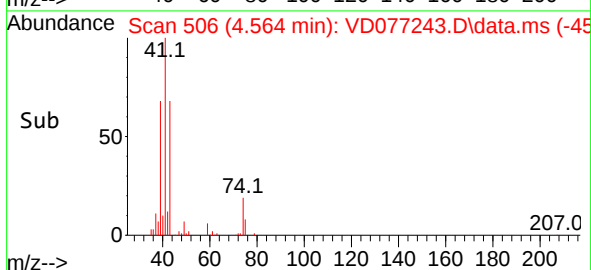
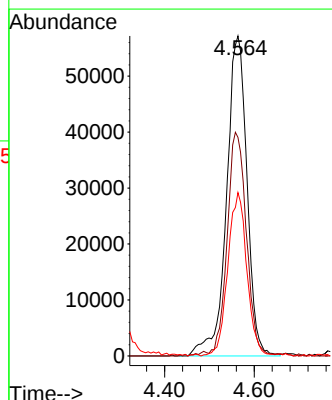
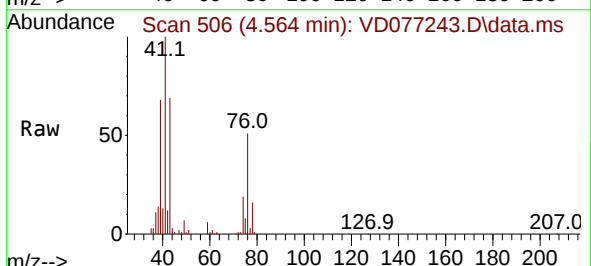
Tgt Ion: 41 Resp: 181712

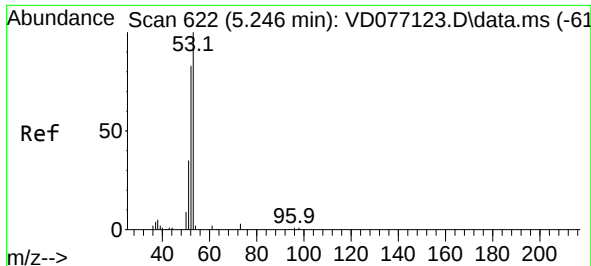
Ion Ratio Lower Upper

41 100

39 64.8 53.8 80.6

76 47.5 45.8 68.8

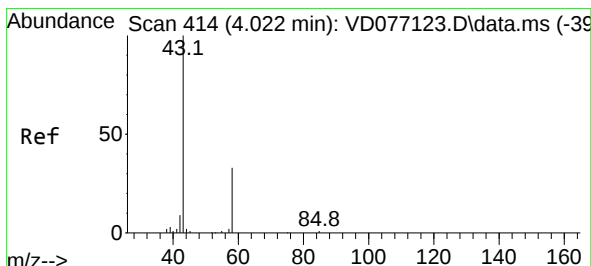
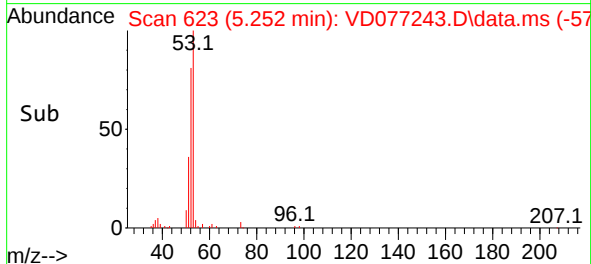
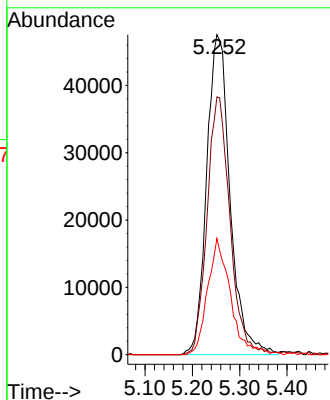
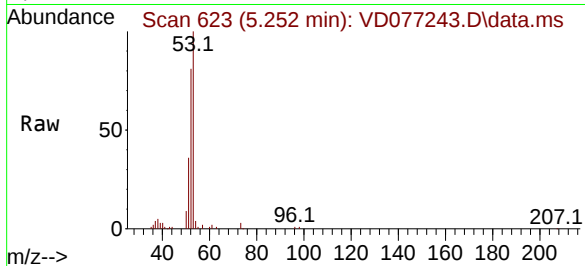




#15
Acrylonitrile
Concen: 295.633 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

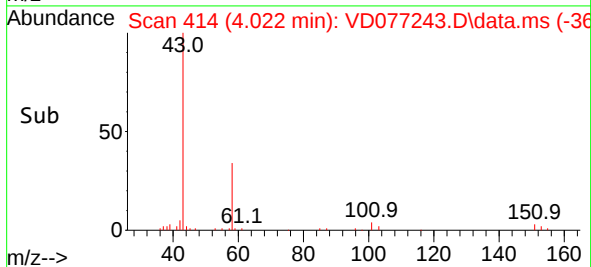
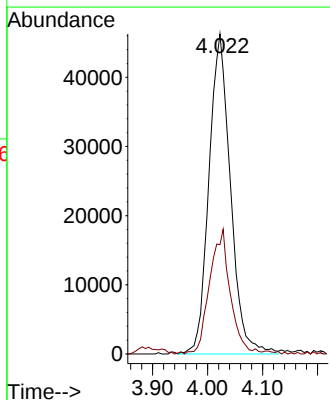
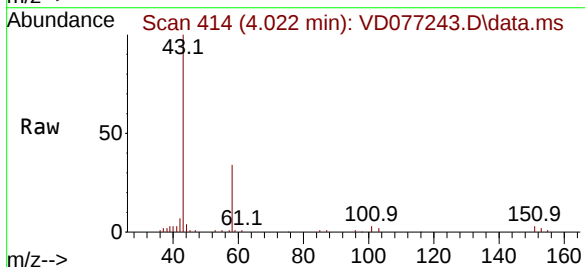
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

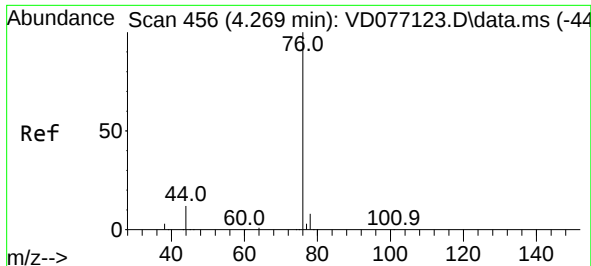
Tgt Ion: 53 Resp: 163438
Ion Ratio Lower Upper
53 100
52 78.9 65.0 97.4
51 35.3 28.3 42.5



#16
Acetone
Concen: 247.414 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 43 Resp: 126215
Ion Ratio Lower Upper
43 100
58 33.8 34.7 52.1#

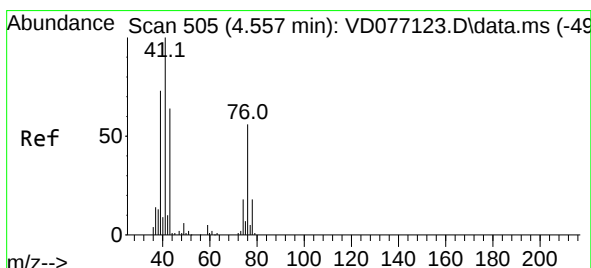
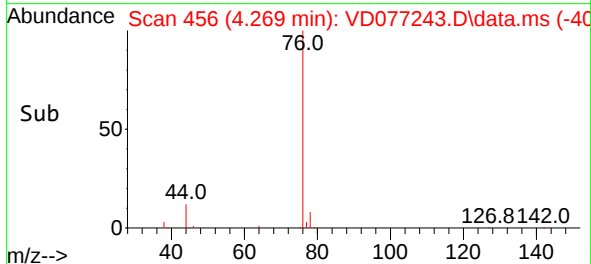
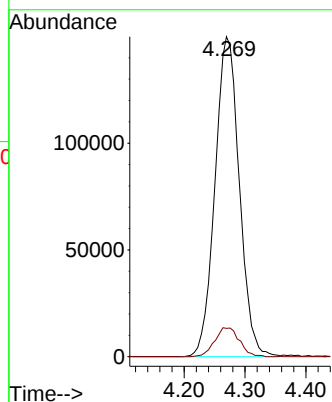
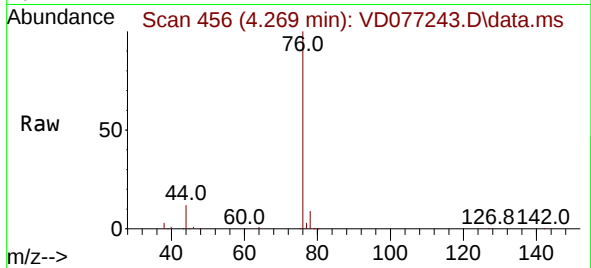




#17
Carbon Disulfide
Concen: 49.120 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

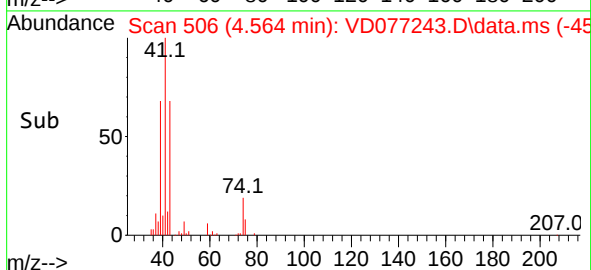
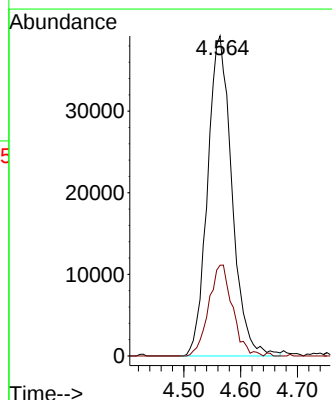
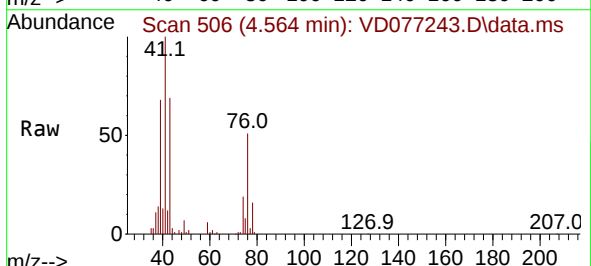
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

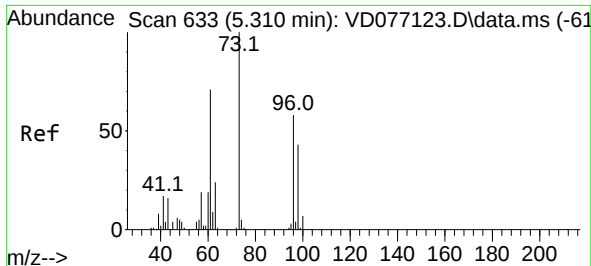
Tgt Ion: 76 Resp: 416031
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 60.487 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 43 Resp: 116680
Ion Ratio Lower Upper
43 100
74 27.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 55.463 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

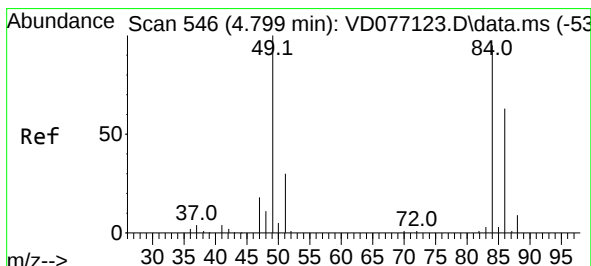
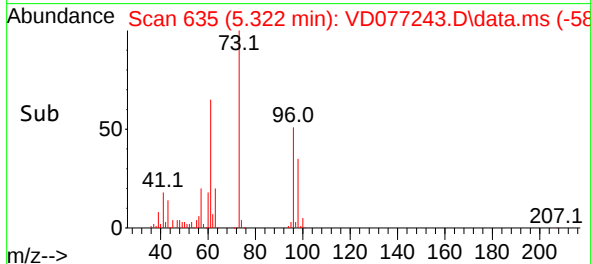
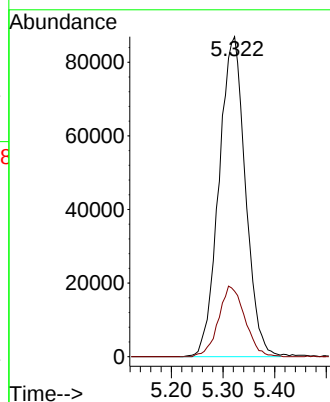
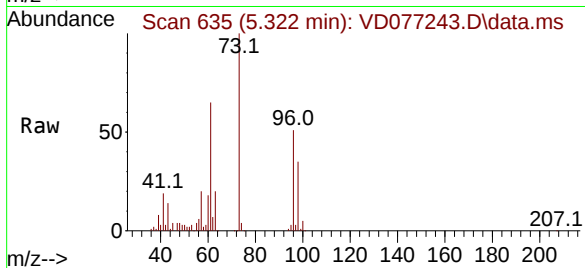
VSTDCCC050EC

Tgt Ion: 73 Resp: 308775

Ion Ratio Lower Upper

73 100

57 20.4 16.6 25.0



#20

Methylene Chloride

Concen: 54.047 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Tgt Ion: 84 Resp: 176594

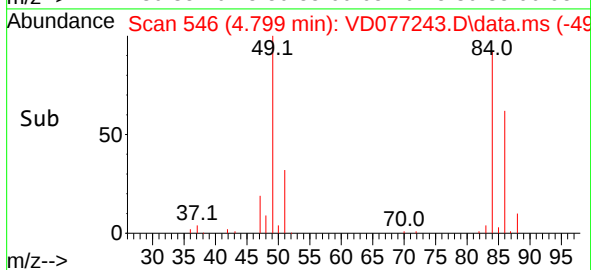
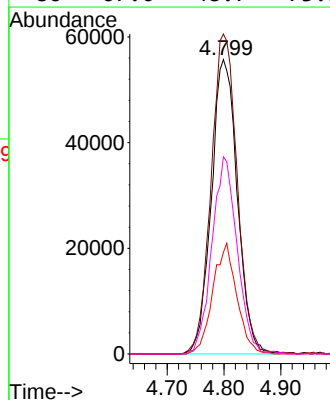
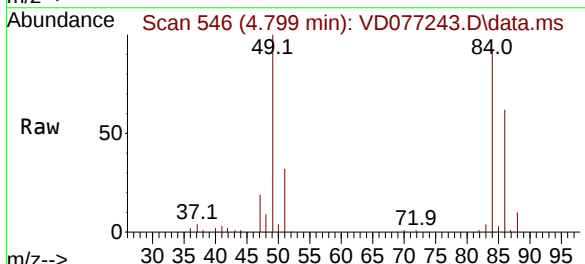
Ion Ratio Lower Upper

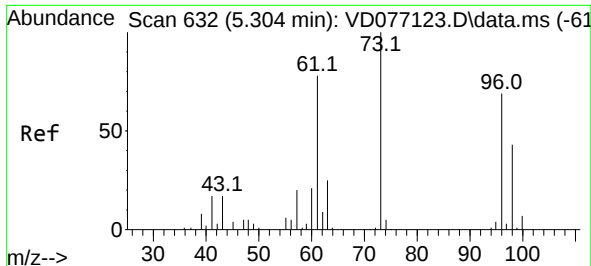
84 100

49 108.7 71.4 107.2#

51 34.5 24.5 36.7

86 67.0 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 52.292 ug/l

RT: 5.311 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

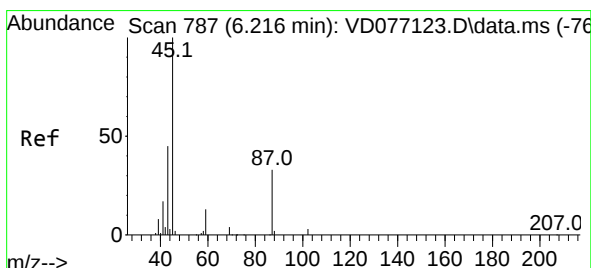
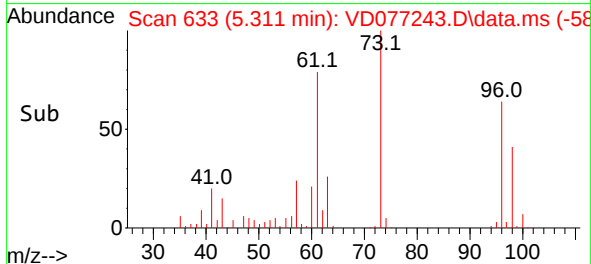
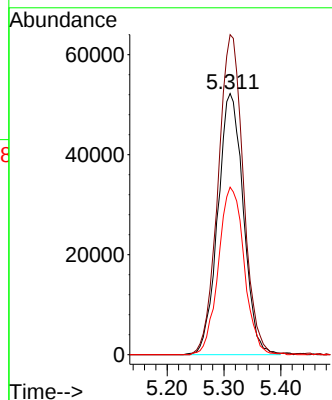
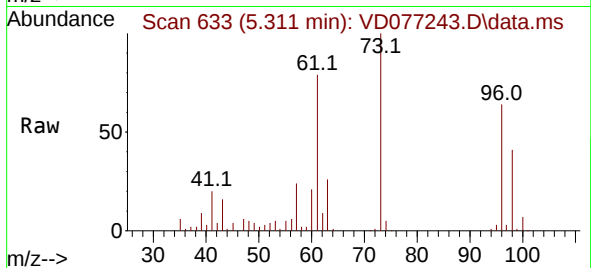
Tgt Ion: 96 Resp: 162631

Ion Ratio Lower Upper

96 100

61 122.6 89.3 133.9

98 64.2 48.6 73.0



#22

Diisopropyl ether

Concen: 58.442 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Tgt Ion: 45 Resp: 414763

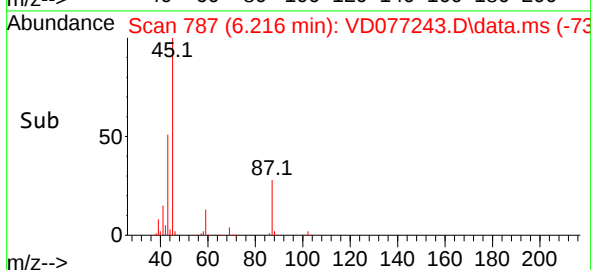
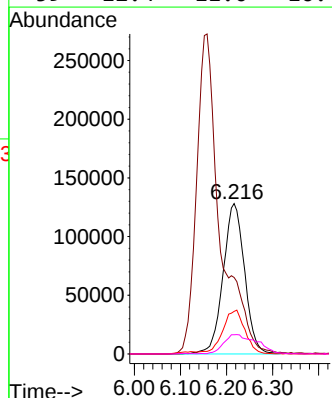
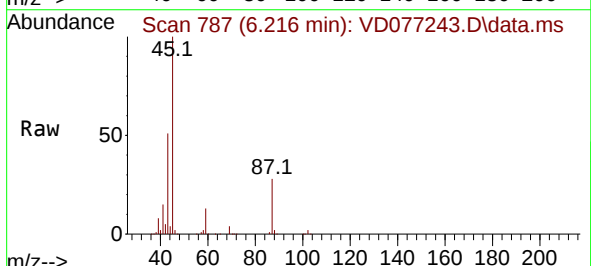
Ion Ratio Lower Upper

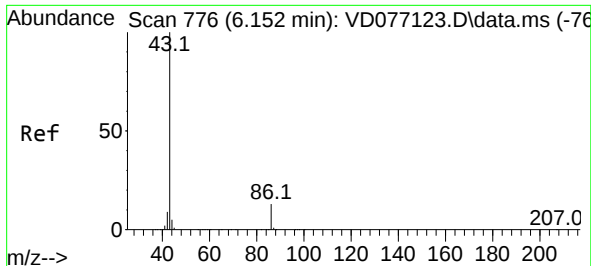
45 100

43 49.7 40.0 60.0

87 28.1 28.2 42.4#

59 12.4 11.0 16.4

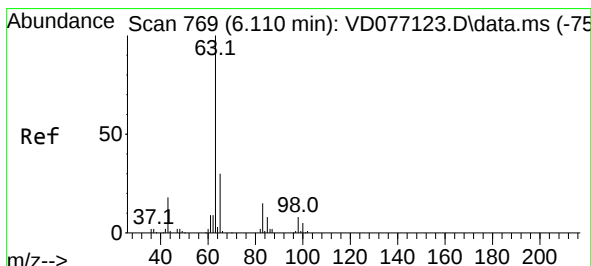
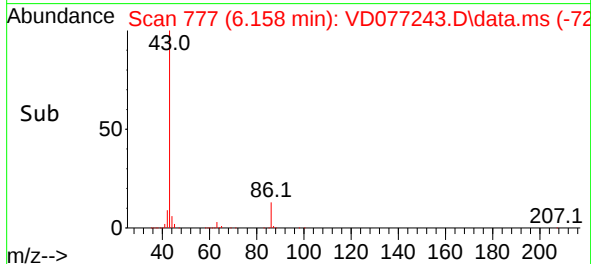
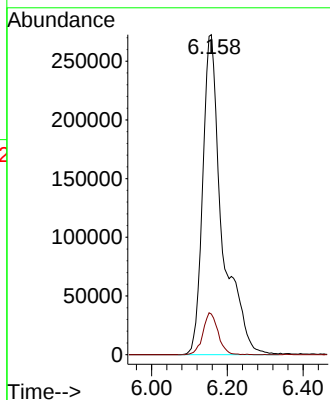
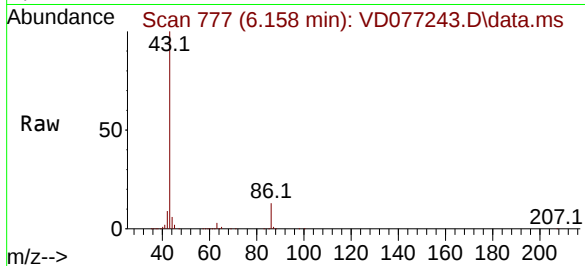




#23
 Vinyl Acetate
 Concen: 342.757 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD077243.D
 Acq: 28 Sep 2023 21:30

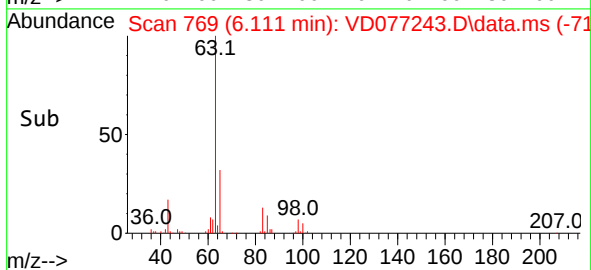
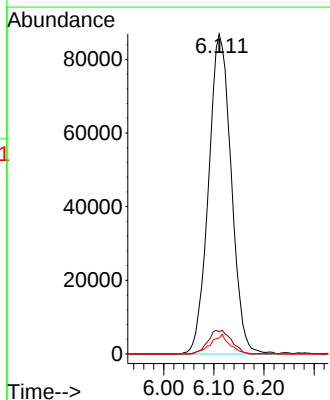
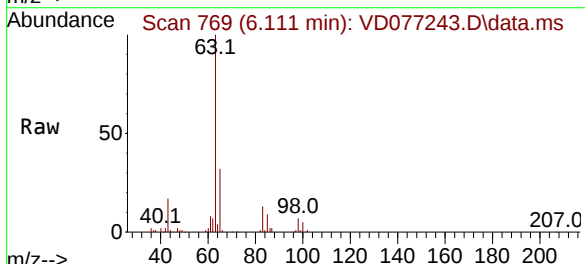
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

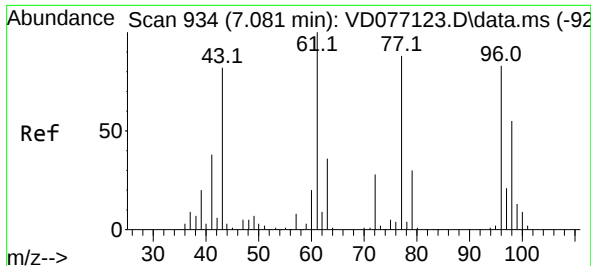
Tgt Ion: 43 Resp: 972494
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 53.669 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077243.D
 Acq: 28 Sep 2023 21:30

Tgt Ion: 63 Resp: 273376
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 5.0 2.5 7.5

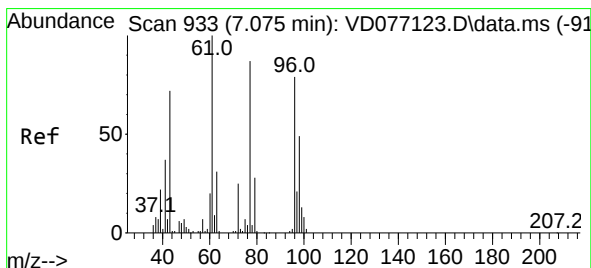
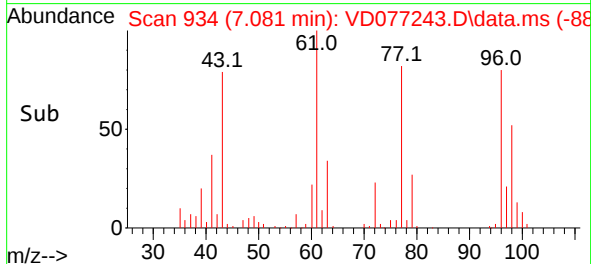
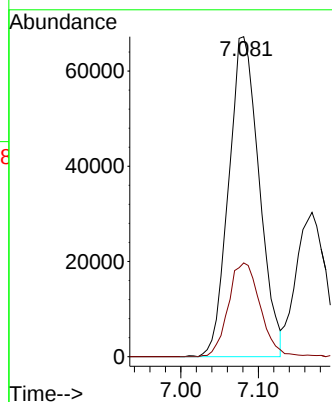
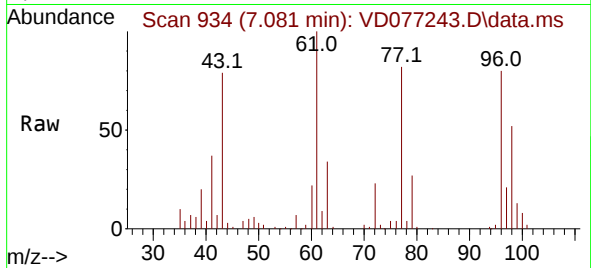




#25
2-Butanone
Concen: 274.094 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

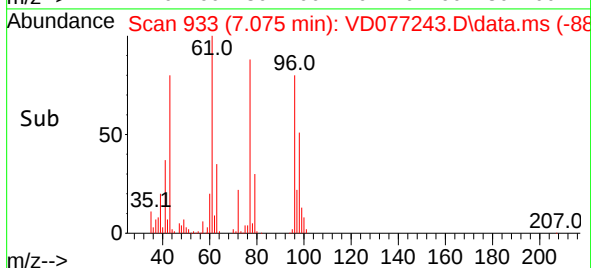
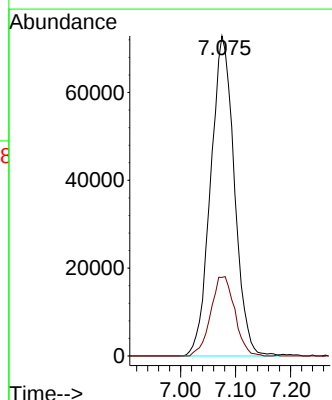
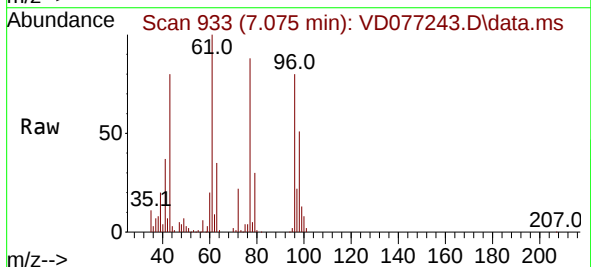
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

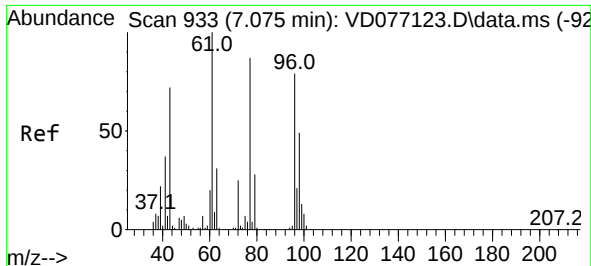
Tgt Ion: 43 Resp: 183955
Ion Ratio Lower Upper
43 100
72 29.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 50.462 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 77 Resp: 218183
Ion Ratio Lower Upper
77 100
97 25.2 13.2 39.6

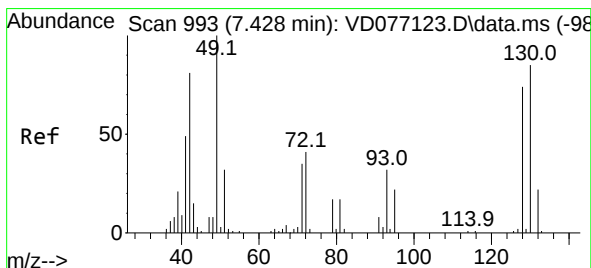
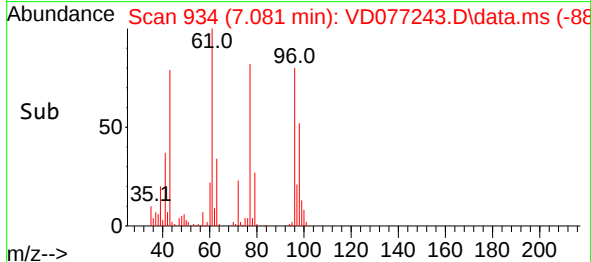
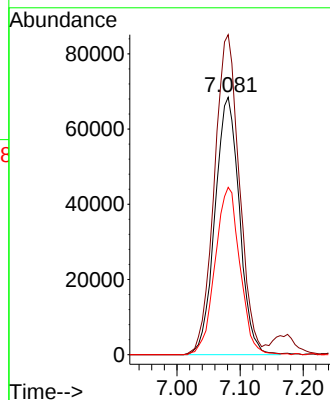
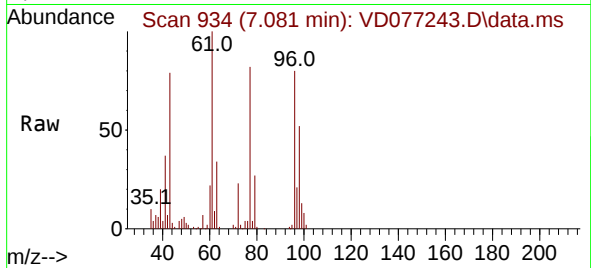




#27
 cis-1,2-Dichloroethene
 Concen: 52.794 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077243.D
 Acq: 28 Sep 2023 21:30

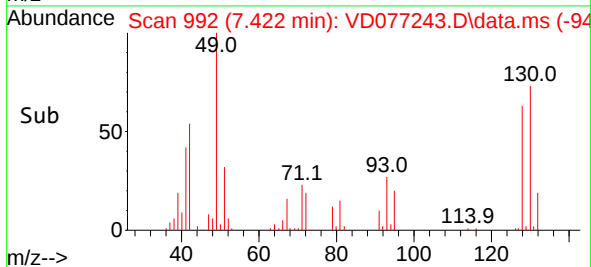
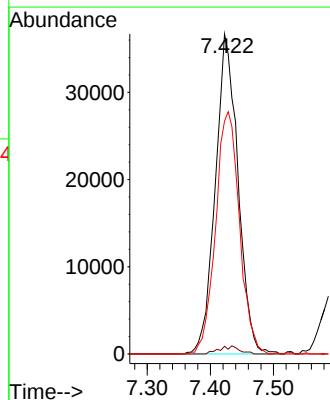
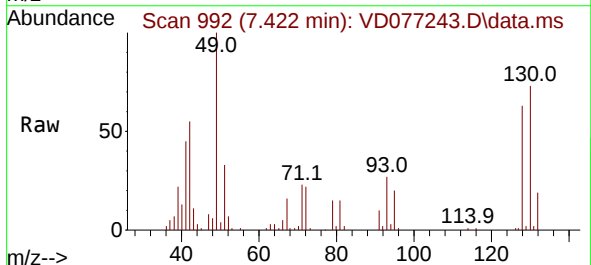
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

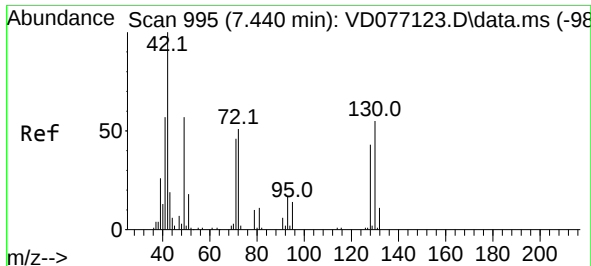
Tgt Ion: 96 Resp: 184578
 Ion Ratio Lower Upper
 96 100
 61 127.9 0.0 239.2
 98 66.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 58.462 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077243.D
 Acq: 28 Sep 2023 21:30

Tgt Ion: 49 Resp: 91443
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 6.0
 130 79.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 295.229 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

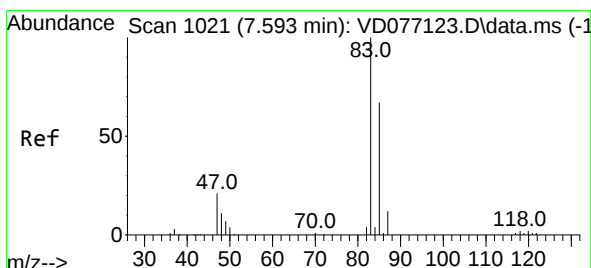
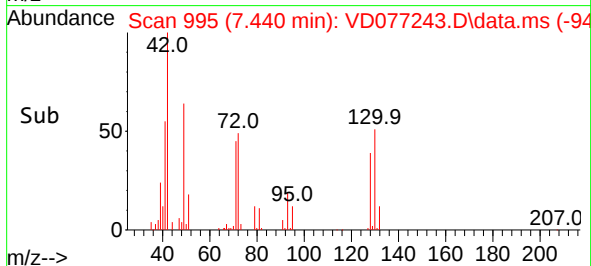
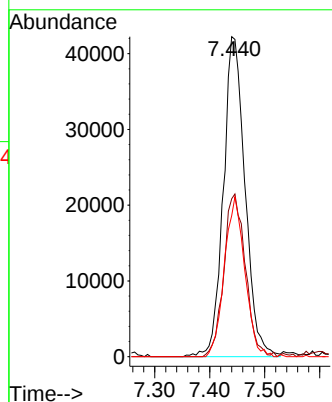
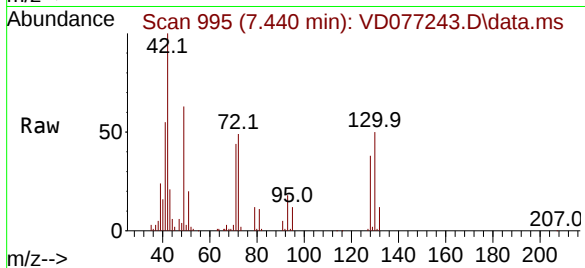
Tgt Ion: 42 Resp: 115830

Ion Ratio Lower Upper

42 100

72 50.4 46.5 69.7

71 47.2 44.5 66.7



#30

Chloroform

Concen: 52.971 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077243.D

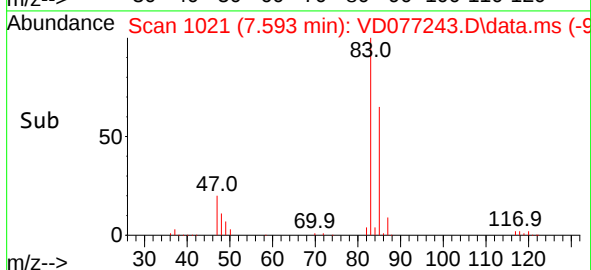
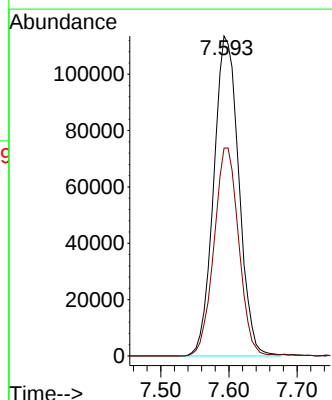
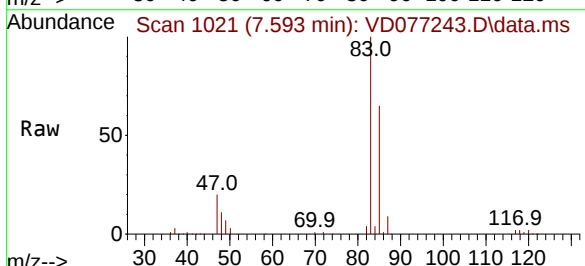
Acq: 28 Sep 2023 21:30

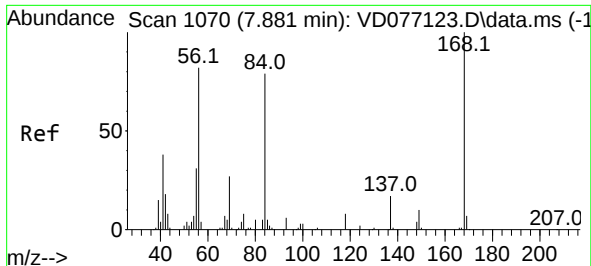
Tgt Ion: 83 Resp: 290795

Ion Ratio Lower Upper

83 100

85 65.0 53.4 80.2

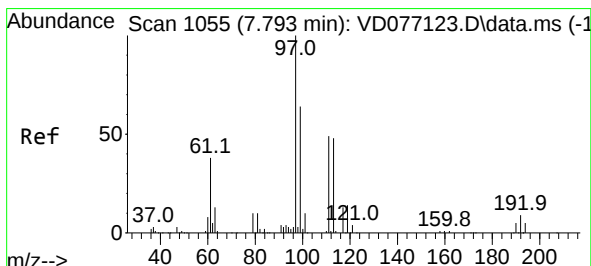
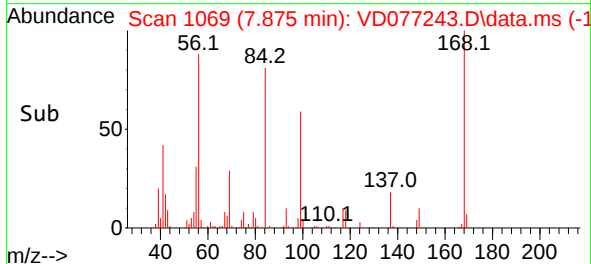
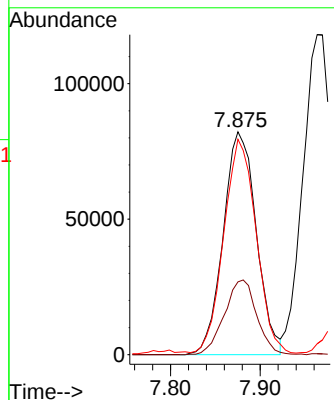
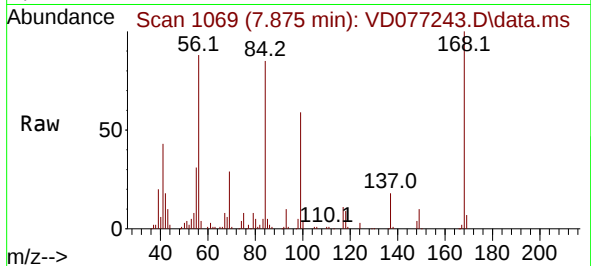




#31
Cyclohexane
Concen: 54.040 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

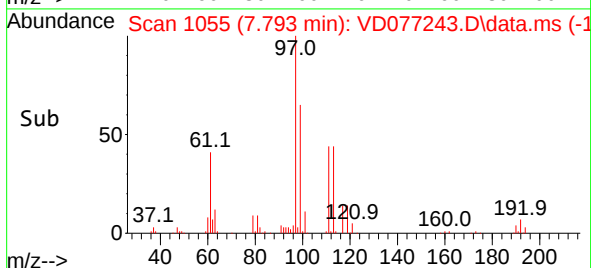
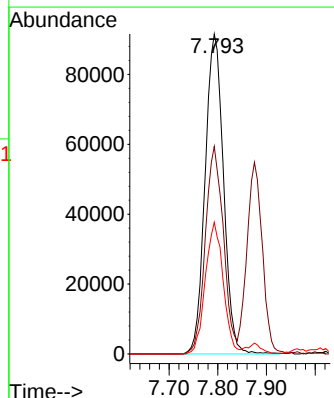
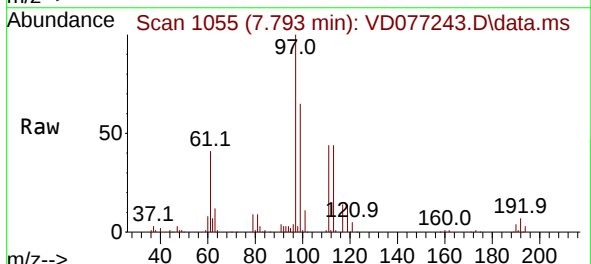
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

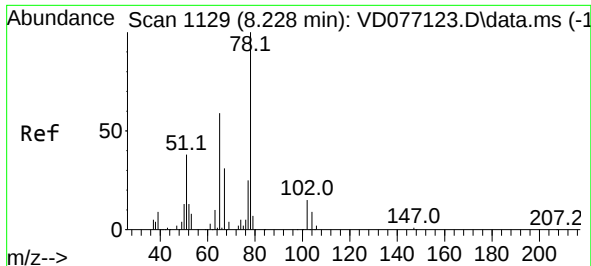
Tgt Ion: 56 Resp: 211020
Ion Ratio Lower Upper
56 100
69 32.7 28.6 43.0
84 95.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 52.315 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 97 Resp: 239723
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 40.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.562 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

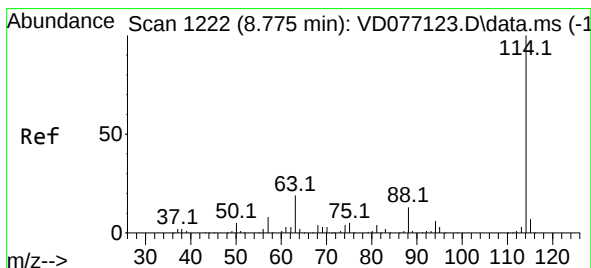
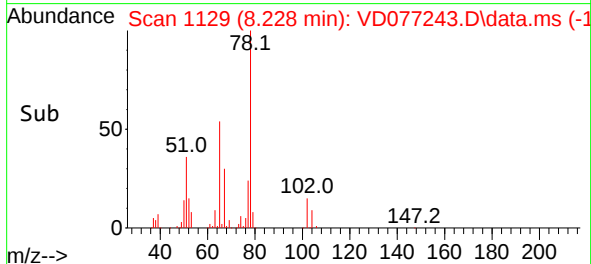
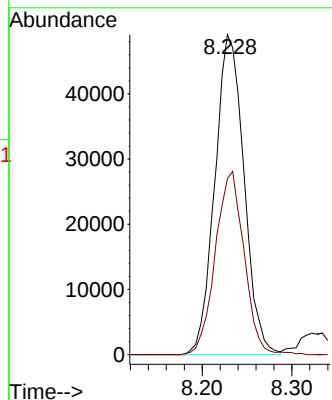
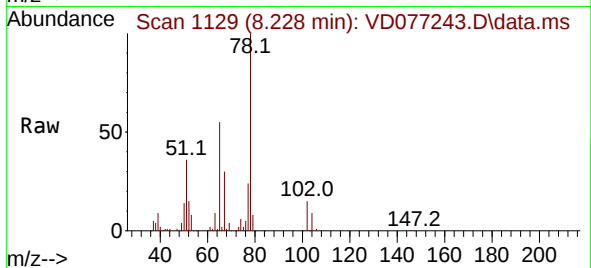
VSTDCCC050EC

Tgt Ion: 65 Resp: 110624

Ion Ratio Lower Upper

65 100

67 56.7 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: VD077243.D

Acq: 28 Sep 2023 21:30

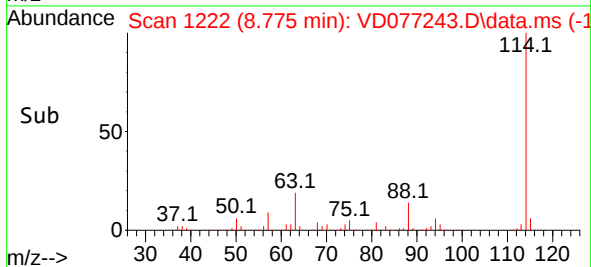
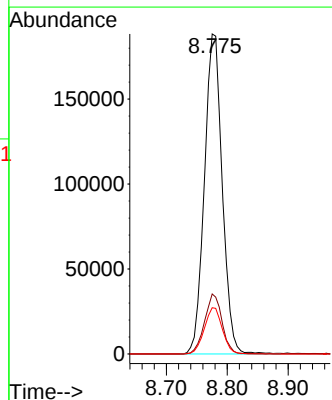
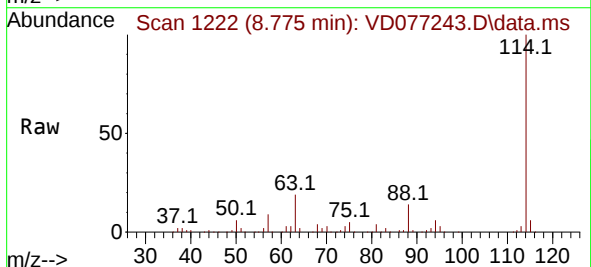
Tgt Ion: 114 Resp: 383490

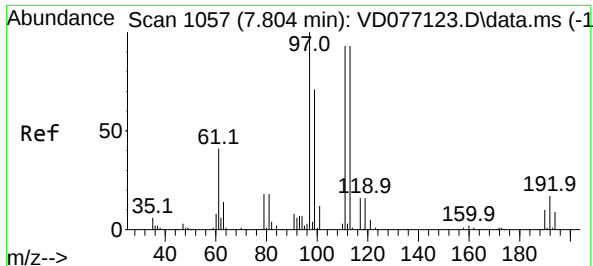
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 14.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.501 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

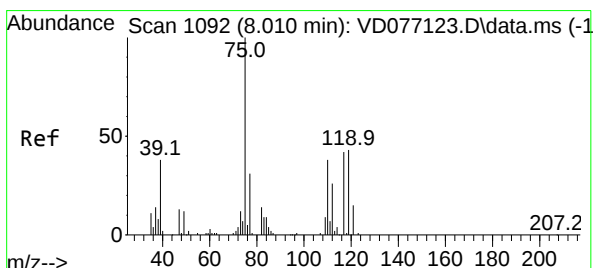
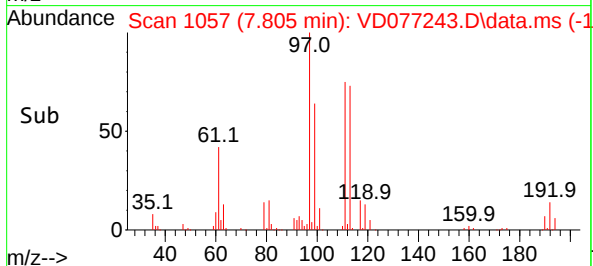
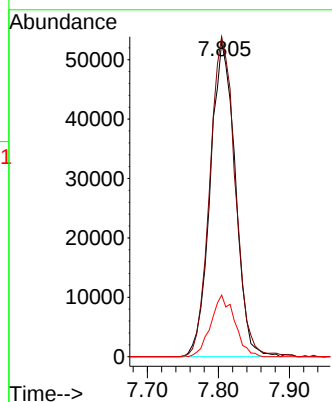
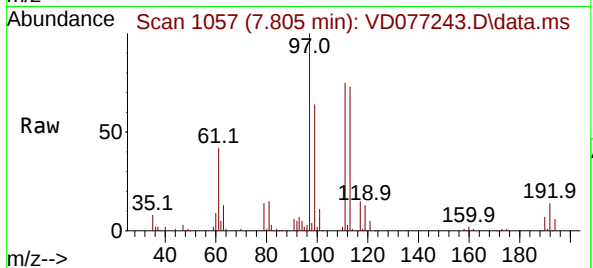
Tgt Ion:113 Resp: 129192

Ion Ratio Lower Upper

113 100

111 103.3 84.7 127.1

192 18.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 52.622 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

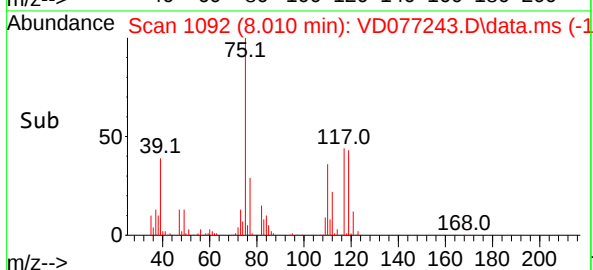
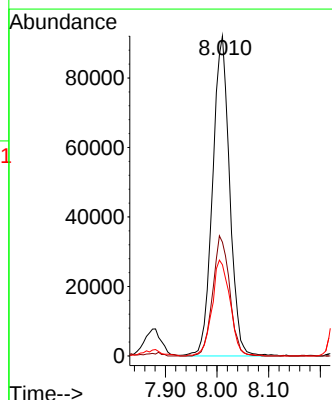
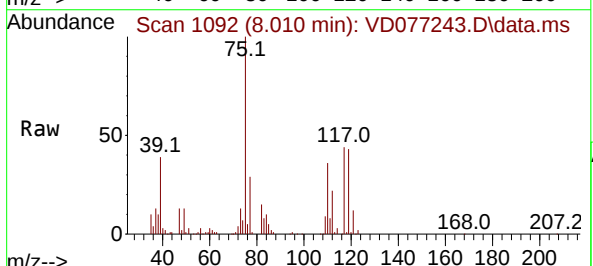
Tgt Ion: 75 Resp: 211096

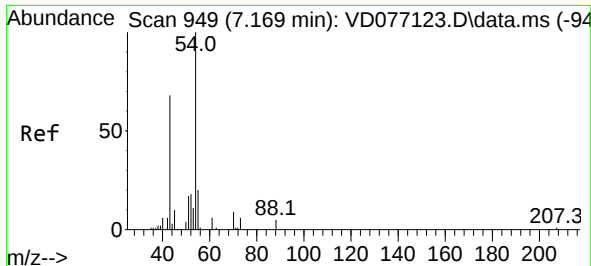
Ion Ratio Lower Upper

75 100

110 37.3 19.9 59.6

77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 54.554 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

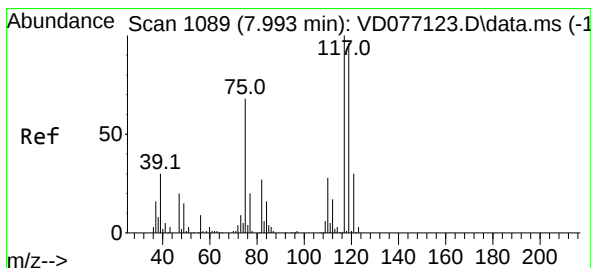
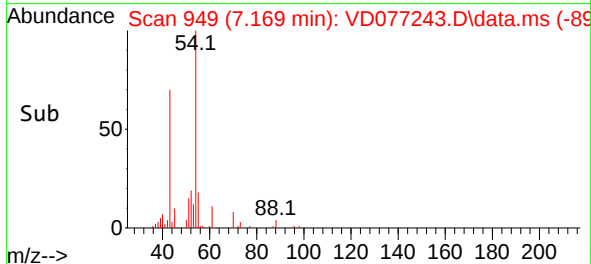
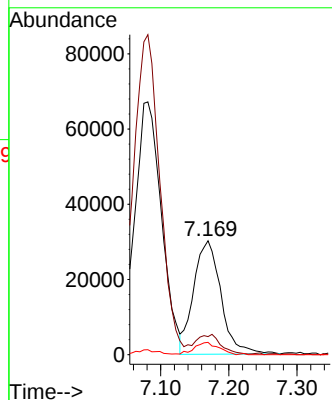
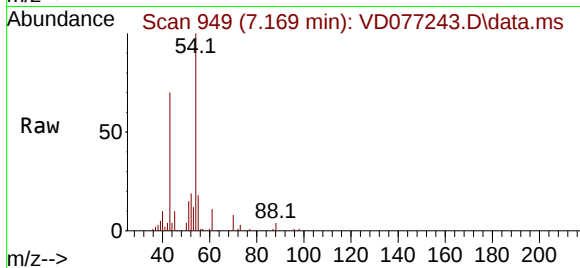
Tgt Ion: 43 Resp: 83963

Ion Ratio Lower Upper

43 100

61 14.5 14.9 22.3#

70 9.7 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 49.667 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

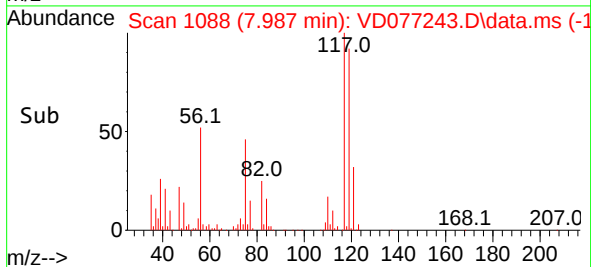
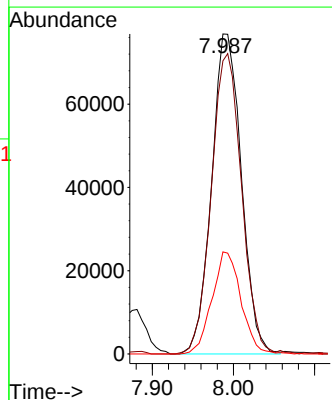
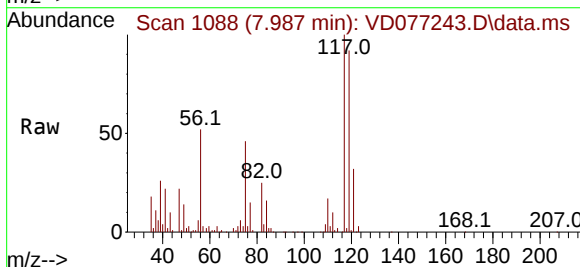
Tgt Ion: 117 Resp: 195826

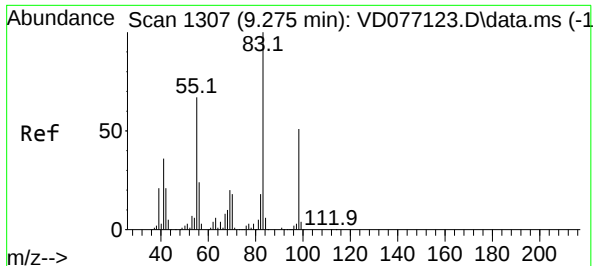
Ion Ratio Lower Upper

117 100

119 91.2 78.0 117.0

121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 52.286 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

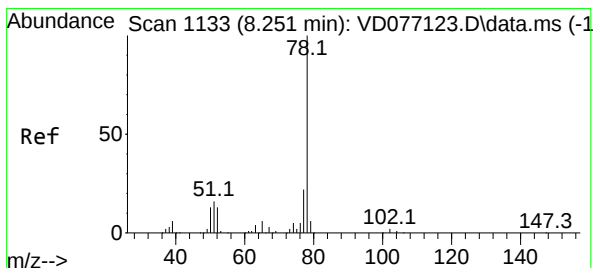
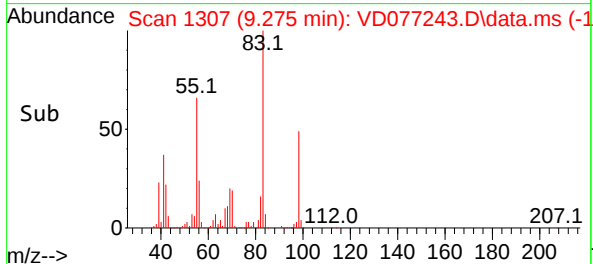
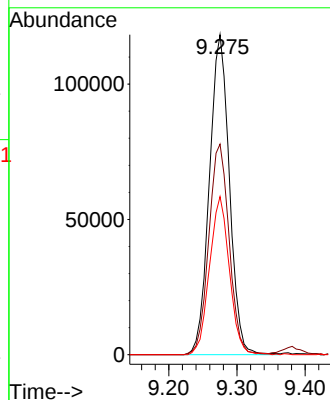
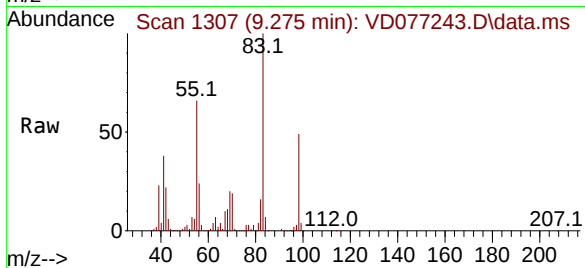
Tgt Ion: 83 Resp: 241333

Ion Ratio Lower Upper

83 100

55 65.8 49.4 74.0

98 49.4 38.4 57.6



#40

Benzene

Concen: 52.148 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077243.D

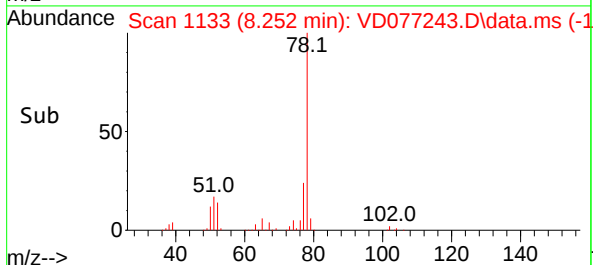
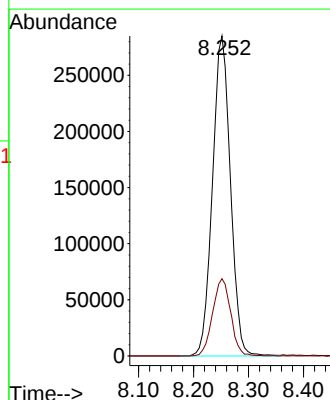
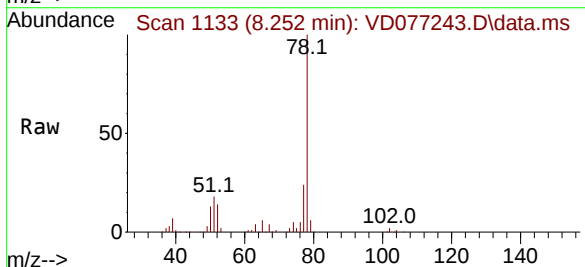
Acq: 28 Sep 2023 21:30

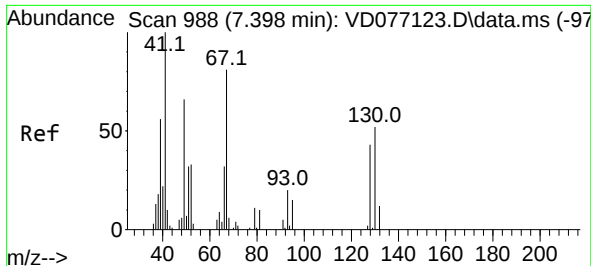
Tgt Ion: 78 Resp: 647224

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0

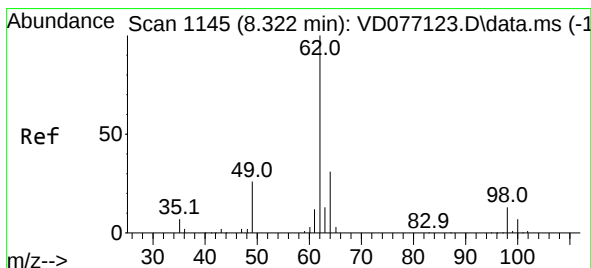
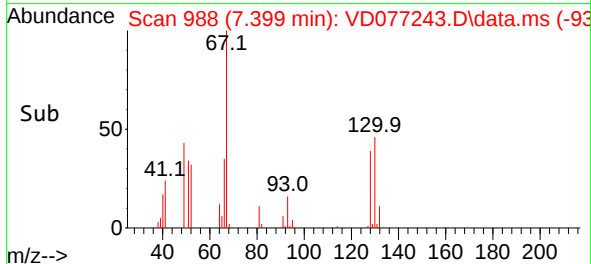
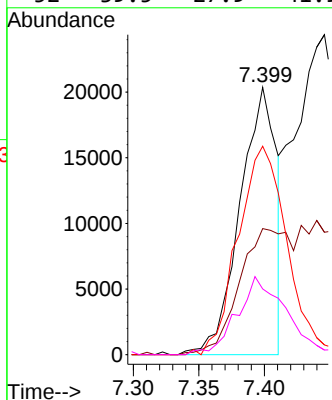
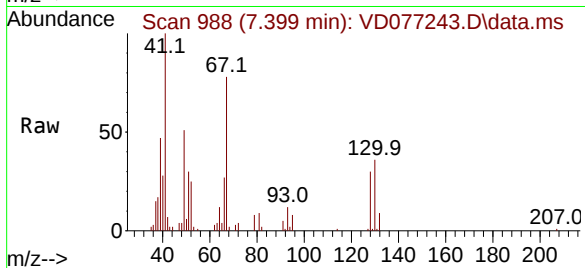




#41
Methacrylonitrile
Concen: 48.044 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

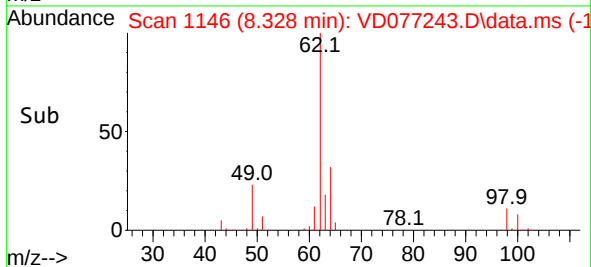
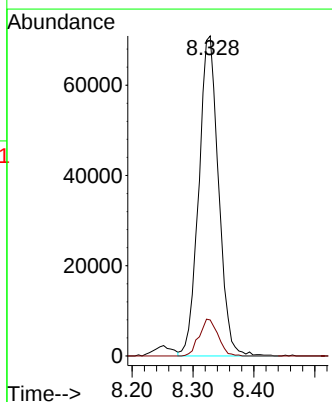
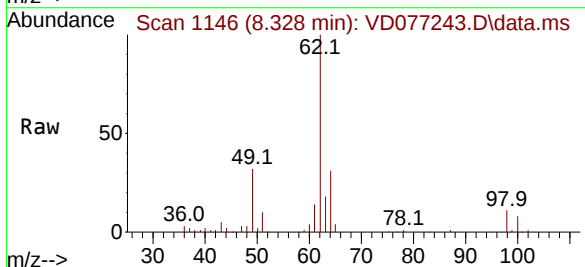
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

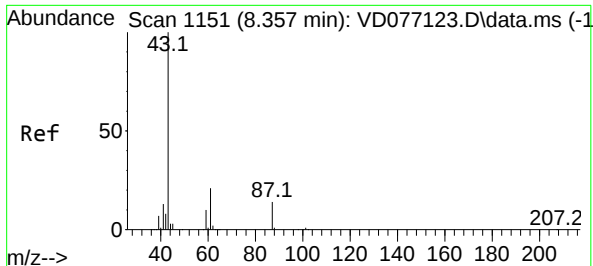
Tgt Ion: 41 Resp: 39467
Ion Ratio Lower Upper
41 100
39 67.1 34.0 51.0#
67 104.6 77.0 115.4
52 39.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 51.992 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 62 Resp: 159986
Ion Ratio Lower Upper
62 100
98 11.0 0.0 25.4





#43

Isopropyl Acetate

Concen: 55.455 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

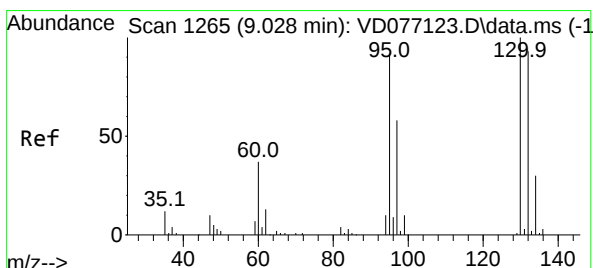
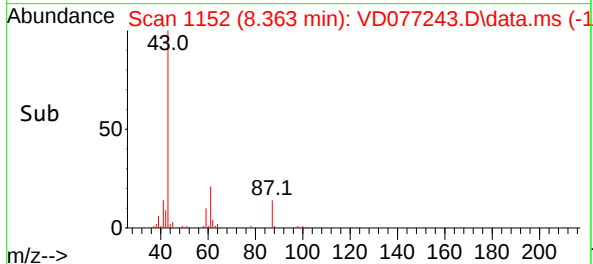
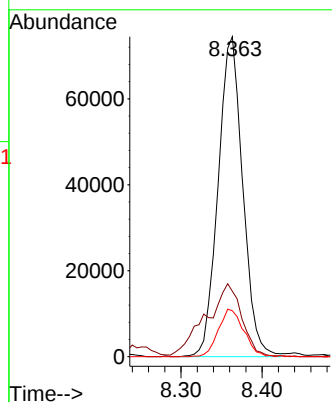
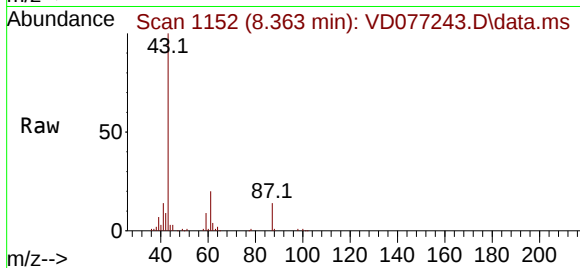
Tgt Ion: 43 Resp: 157144

Ion Ratio Lower Upper

43 100

61 33.3 31.4 47.0

87 15.3 14.9 22.3



#44

Trichloroethene

Concen: 48.941 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD077243.D

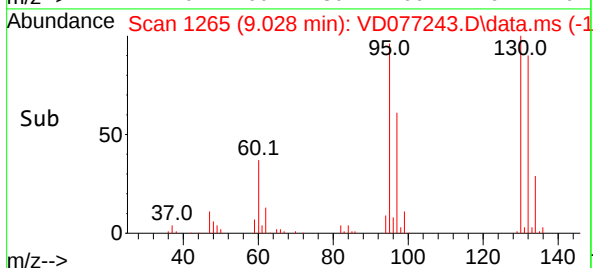
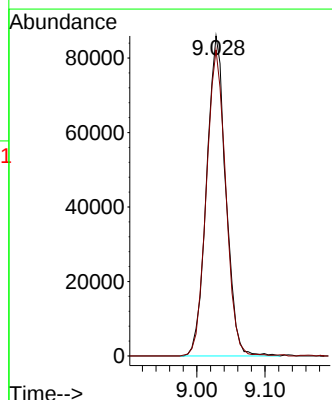
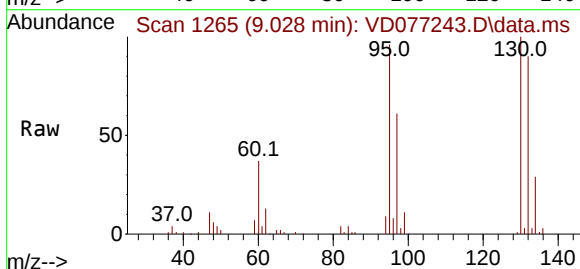
Acq: 28 Sep 2023 21:30

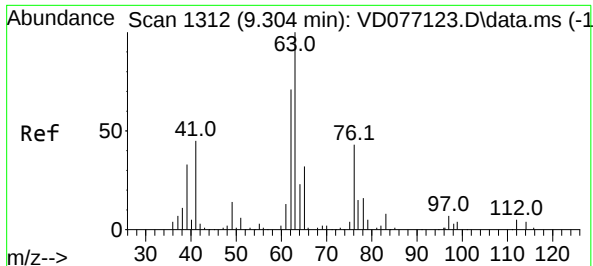
Tgt Ion:130 Resp: 168118

Ion Ratio Lower Upper

130 100

95 95.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.690 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

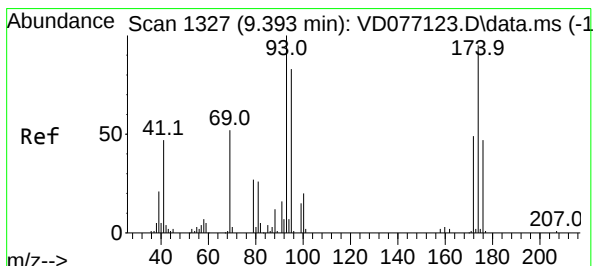
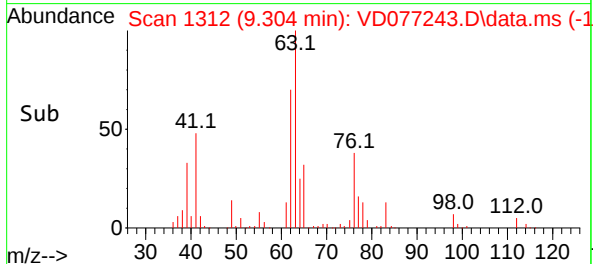
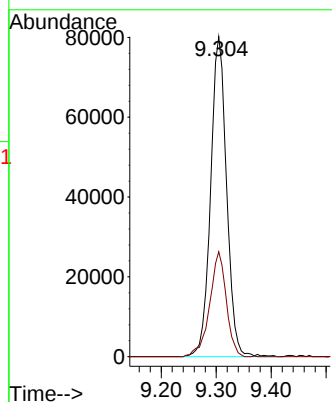
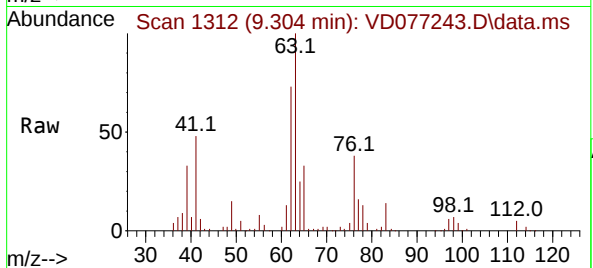
VSTDCCC050EC

Tgt Ion: 63 Resp: 161851

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7



#46

Dibromomethane

Concen: 51.959 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

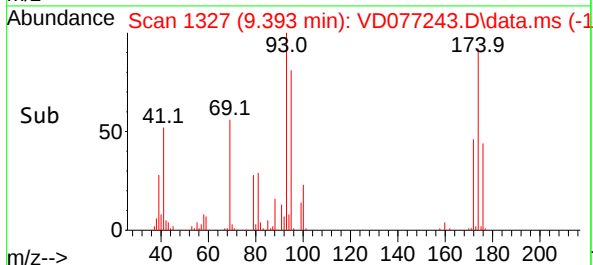
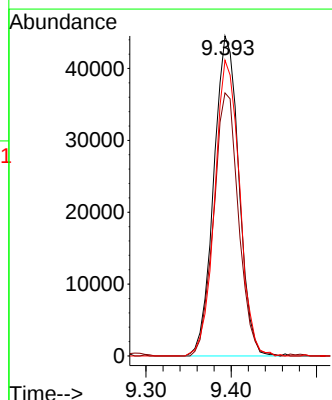
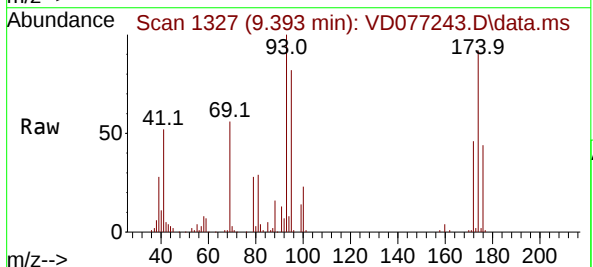
Tgt Ion: 93 Resp: 91019

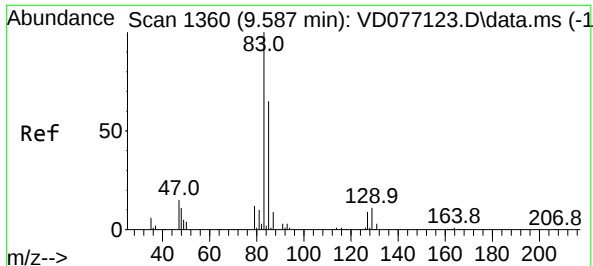
Ion Ratio Lower Upper

93 100

95 81.5 67.7 101.5

174 91.5 85.4 128.2





#47

Bromodichloromethane

Concen: 51.418 ug/l

RT: 9.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

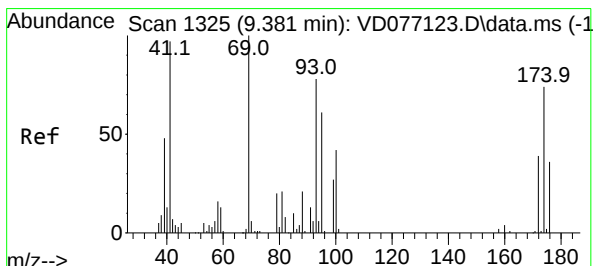
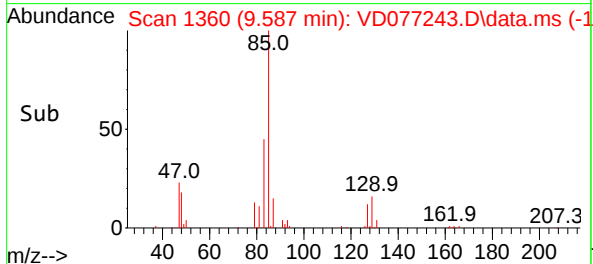
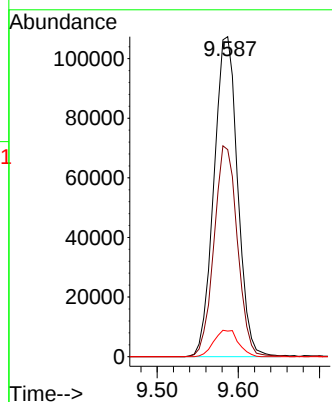
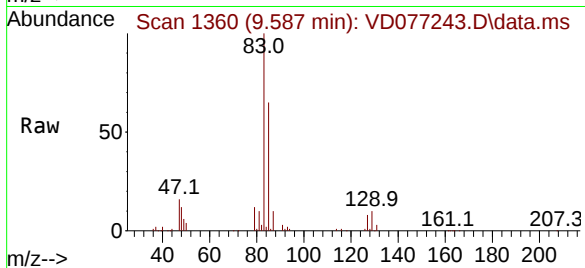
Tgt Ion: 83 Resp: 217664

Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.4

127 8.0 6.3 9.5



#48

Methyl methacrylate

Concen: 58.145 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

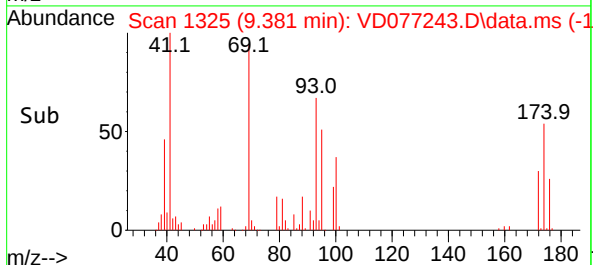
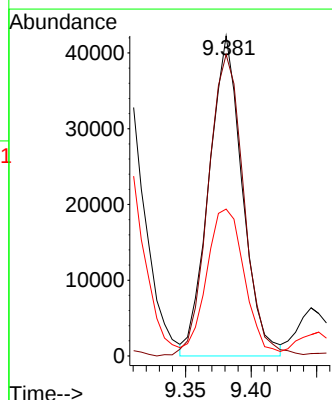
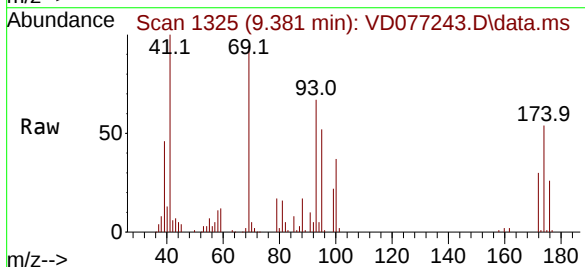
Tgt Ion: 41 Resp: 74870

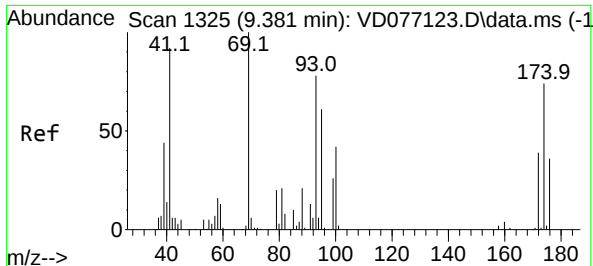
Ion Ratio Lower Upper

41 100

69 100.1 102.2 153.2#

39 48.3 41.4 62.2





#49

1,4-Dioxane

Concen: 1175.295 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

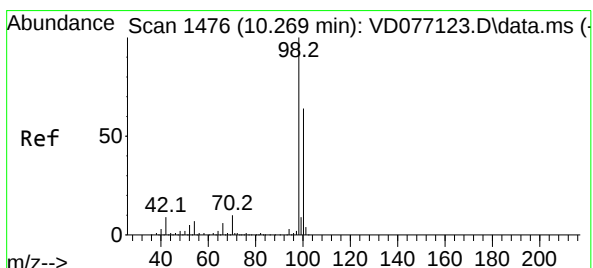
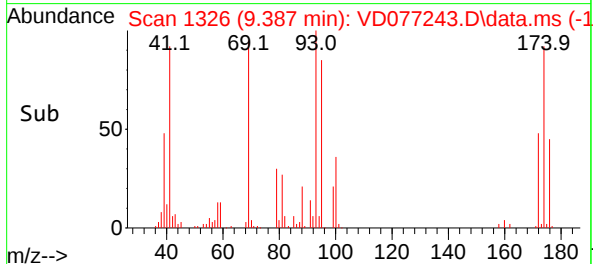
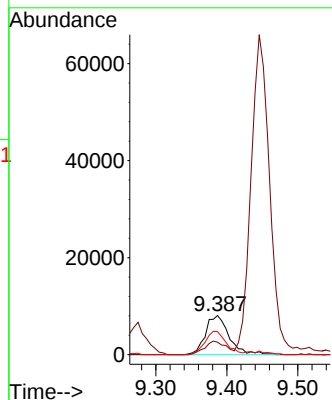
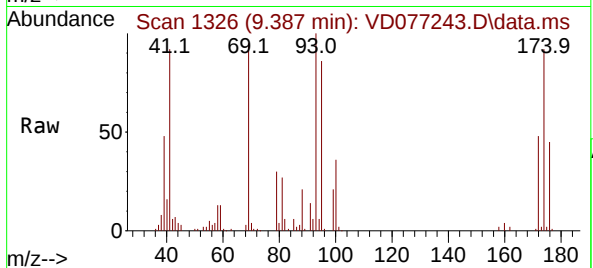
Tgt Ion: 88 Resp: 18584

Ion Ratio Lower Upper

88 100

43 31.5 19.0 28.6#

58 54.0 43.5 65.3



#50

Toluene-d8

Concen: 49.361 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077243.D

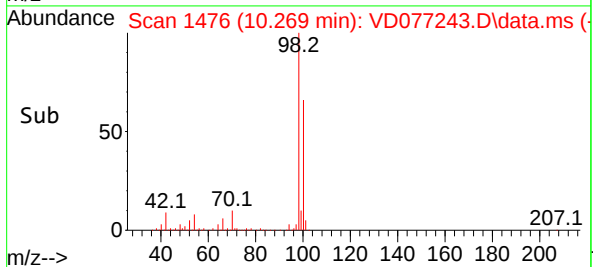
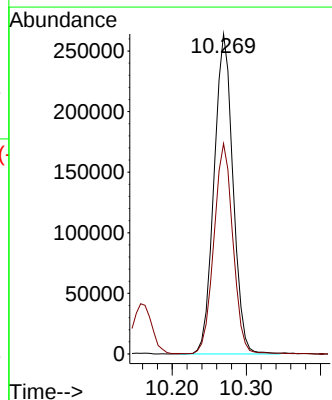
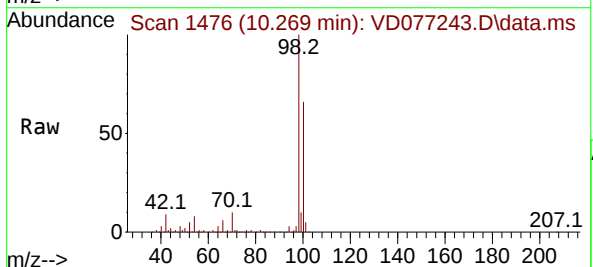
Acq: 28 Sep 2023 21:30

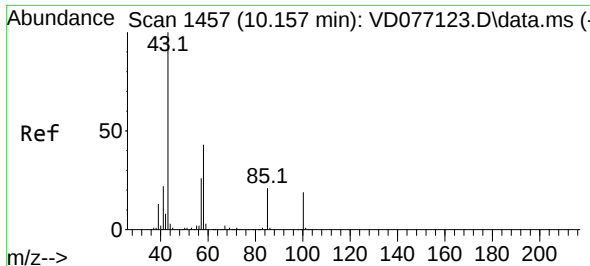
Tgt Ion: 98 Resp: 467998

Ion Ratio Lower Upper

98 100

100 66.2 50.3 75.5

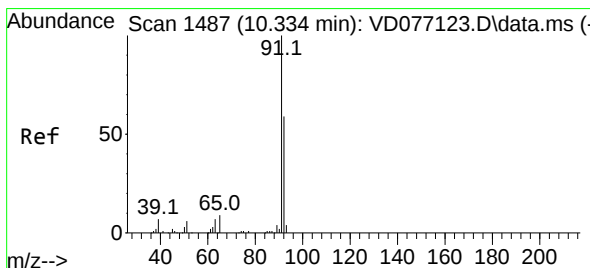
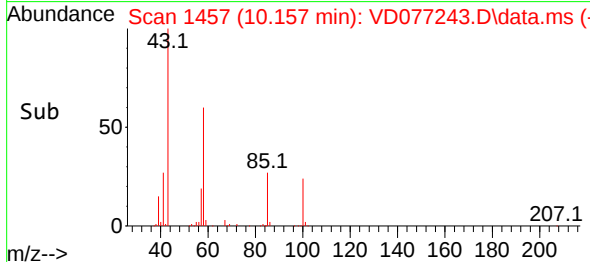
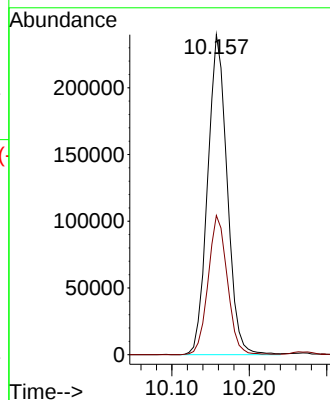
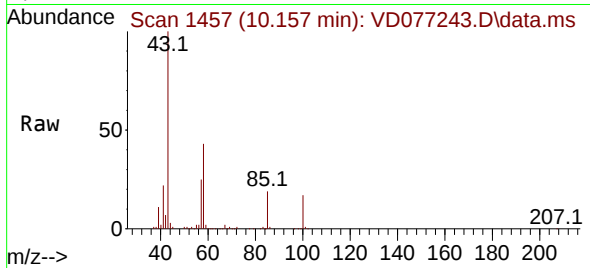




#51
4-Methyl-2-Pentanone
Concen: 282.667 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

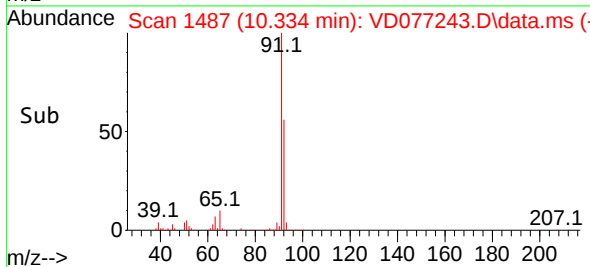
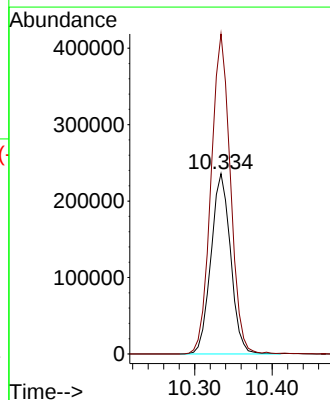
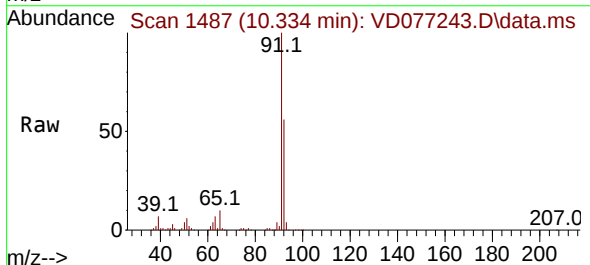
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

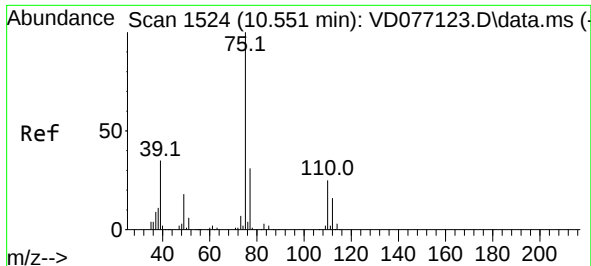
Tgt Ion: 43 Resp: 418918
Ion Ratio Lower Upper
43 100
58 42.8 38.9 58.3



#52
Toluene
Concen: 52.086 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 92 Resp: 413563
Ion Ratio Lower Upper
92 100
91 175.7 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 52.640 ug/l

RT: 10.551 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

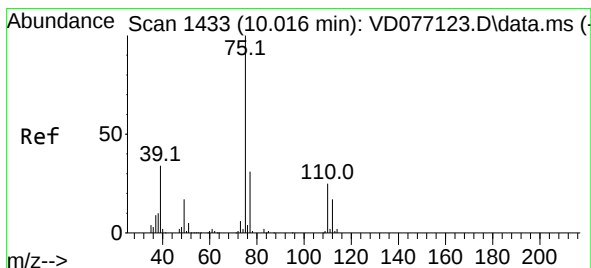
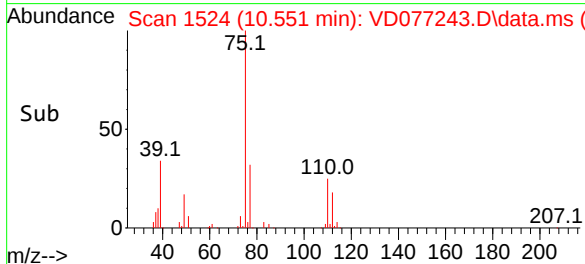
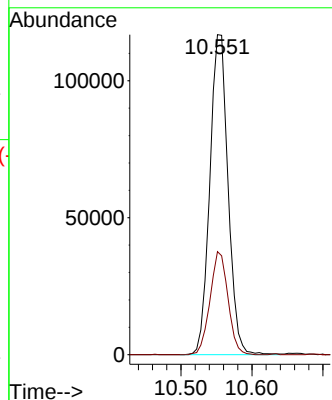
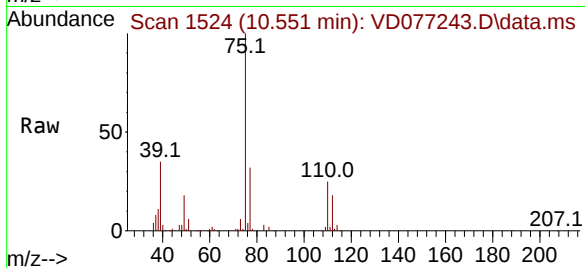
VSTDCCC050EC

Tgt Ion: 75 Resp: 208183

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 52.413 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

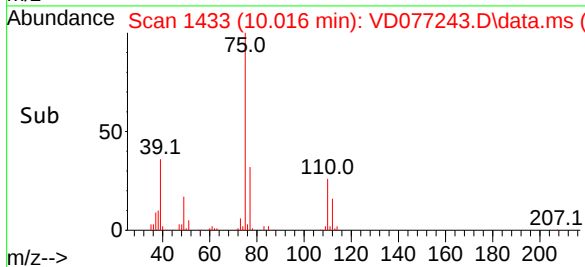
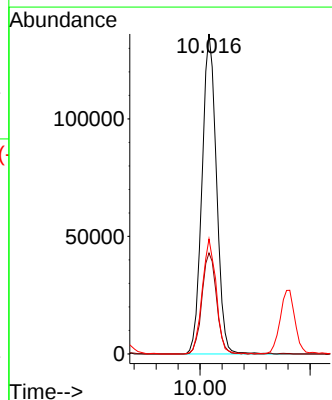
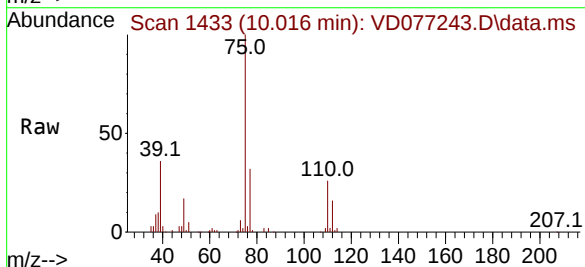
Tgt Ion: 75 Resp: 248348

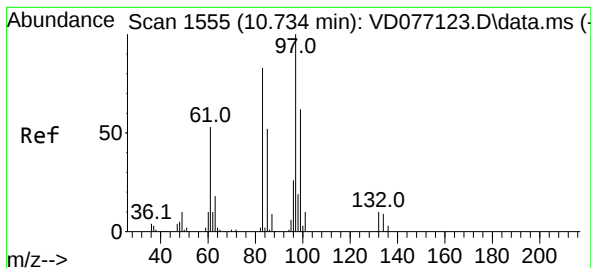
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 36.0 22.1 33.1#

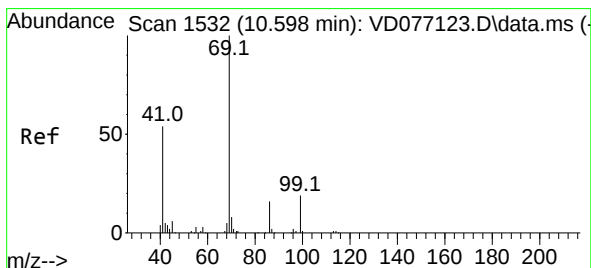
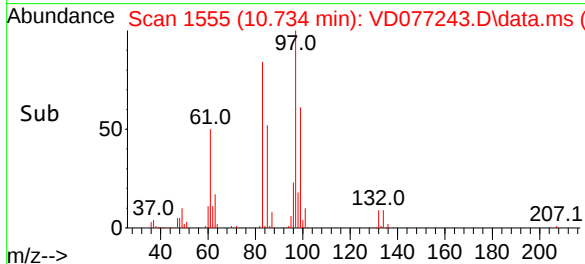
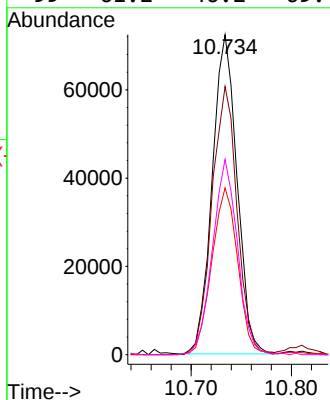
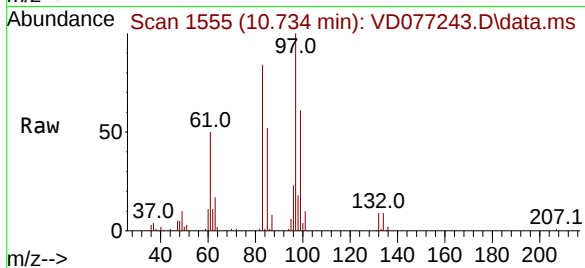




#55
 1,1,2-Trichloroethane
 Concen: 52.092 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD077243.D
 Acq: 28 Sep 2023 21:30

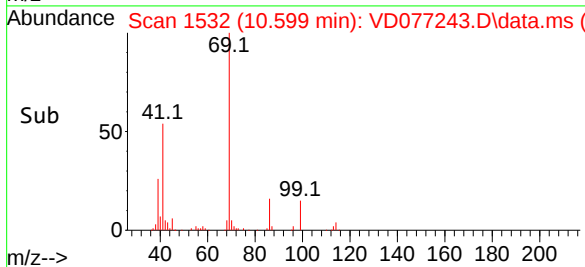
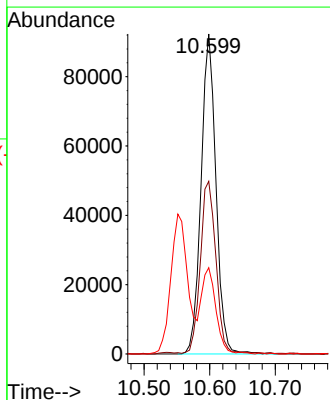
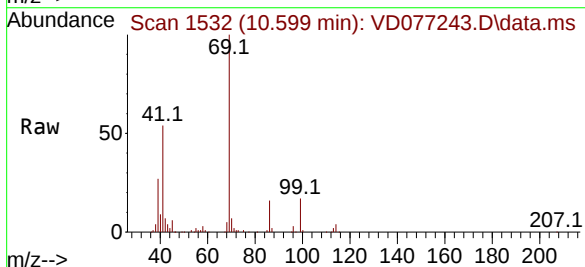
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

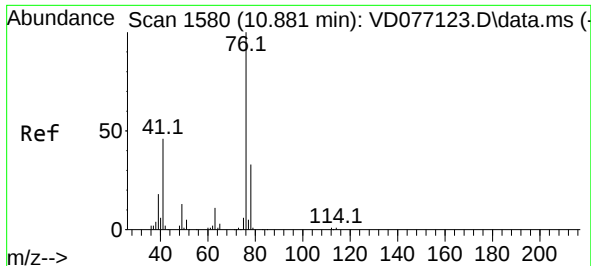
Tgt Ion:	97	Resp:	124115
Ion	Ratio	Lower	Upper
97	100		
83	83.8	65.8	98.6
85	52.2	45.7	68.5
99	61.2	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 57.119 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD077243.D
 Acq: 28 Sep 2023 21:30

Tgt Ion:	69	Resp:	146209
Ion	Ratio	Lower	Upper
69	100		
41	56.8	39.1	58.7
39	26.1	20.0	30.0





#57

1,3-Dichloropropane

Concen: 53.010 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

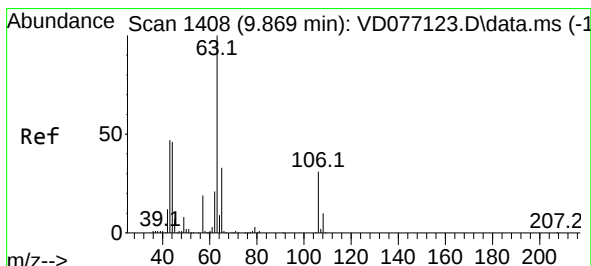
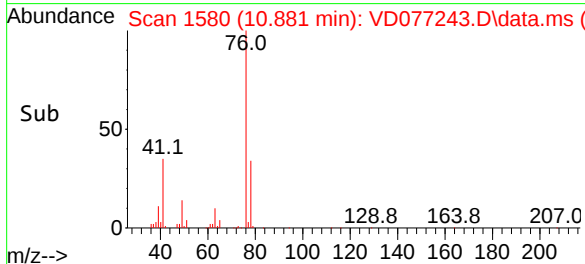
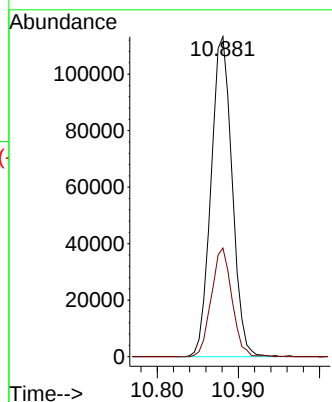
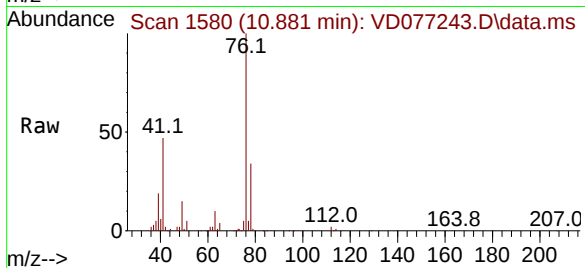
VSTDCCC050EC

Tgt Ion: 76 Resp: 204461

Ion Ratio Lower Upper

76 100

78 33.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 291.884 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077243.D

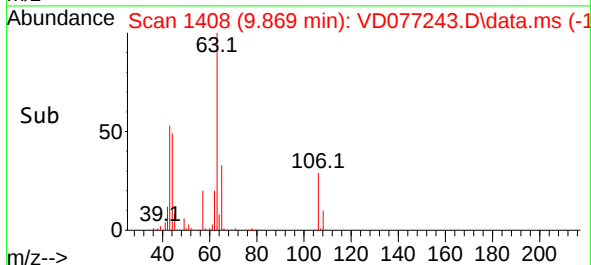
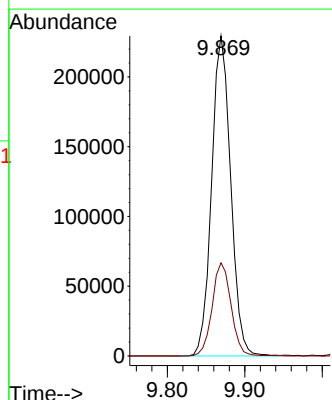
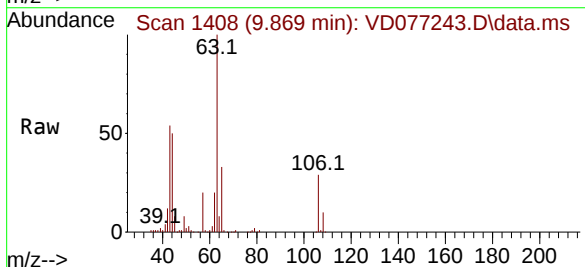
Acq: 28 Sep 2023 21:30

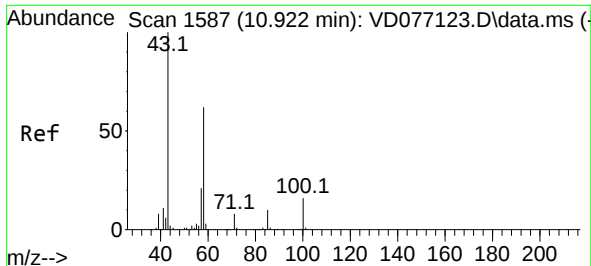
Tgt Ion: 63 Resp: 393532

Ion Ratio Lower Upper

63 100

106 28.8 25.3 37.9

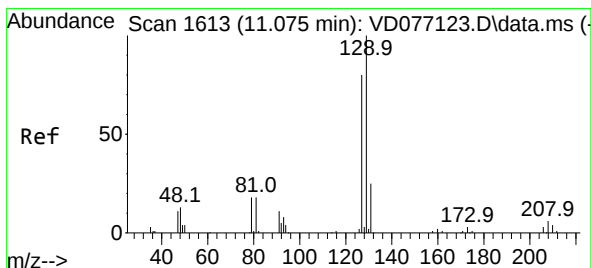
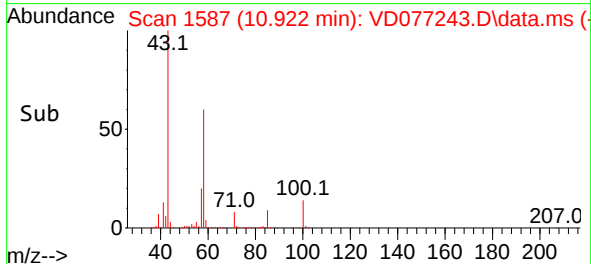
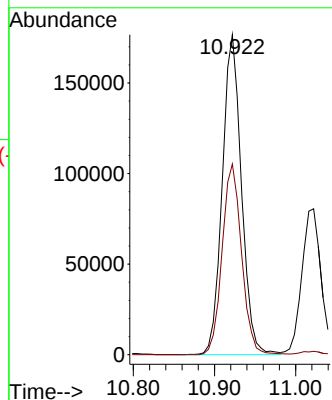
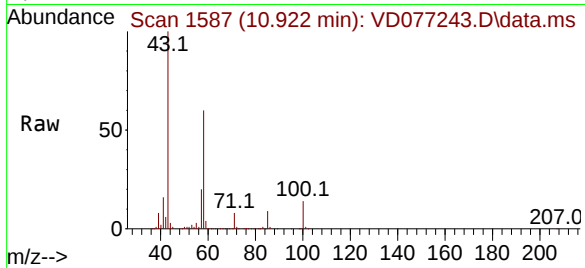




#59
2-Hexanone
Concen: 272.756 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

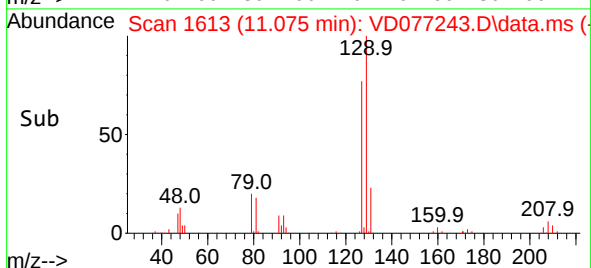
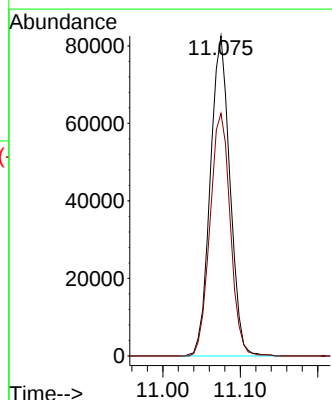
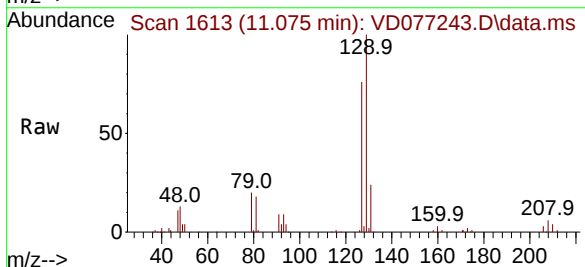
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

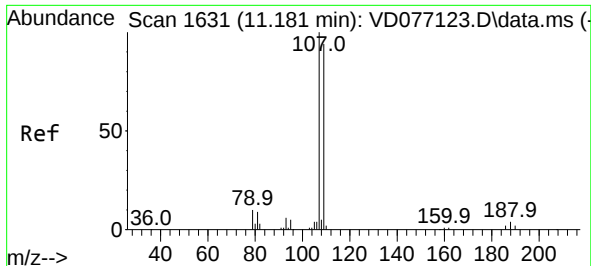
Tgt Ion: 43 Resp: 290034
Ion Ratio Lower Upper
43 100
58 60.3 34.1 102.2



#60
Dibromochloromethane
Concen: 49.940 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion:129 Resp: 145738
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5

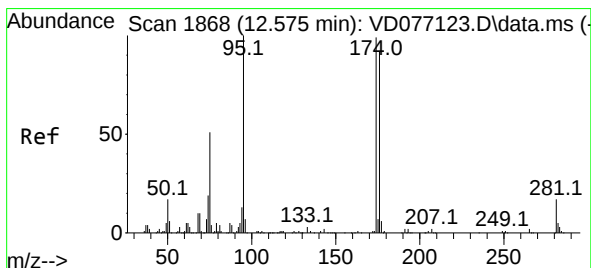
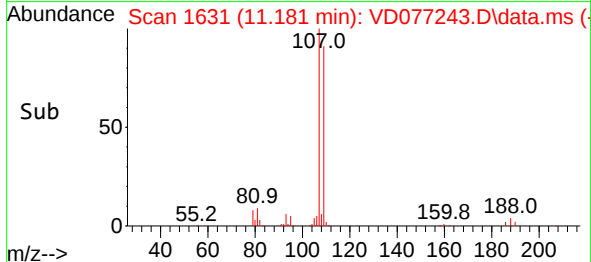
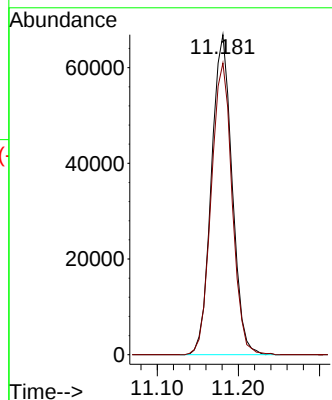
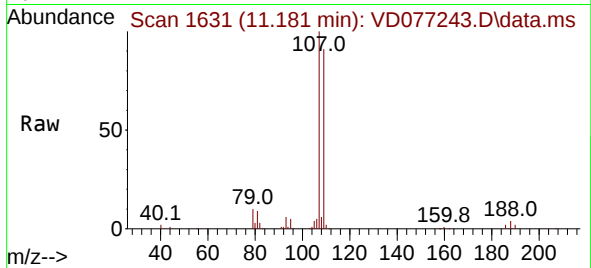




#61
1,2-Dibromoethane
Concen: 51.359 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

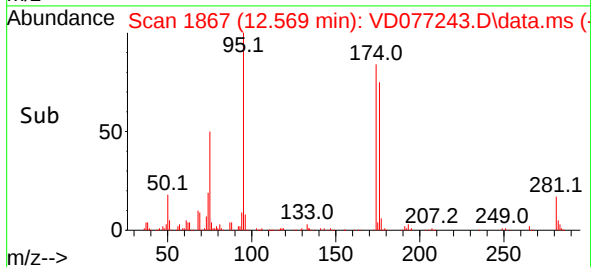
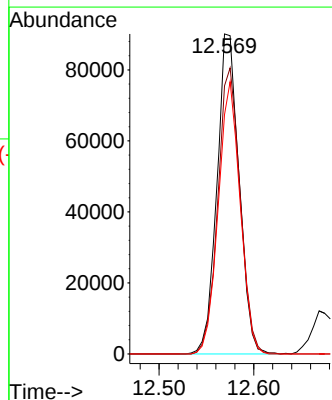
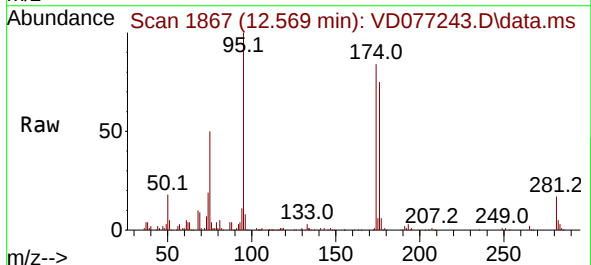
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

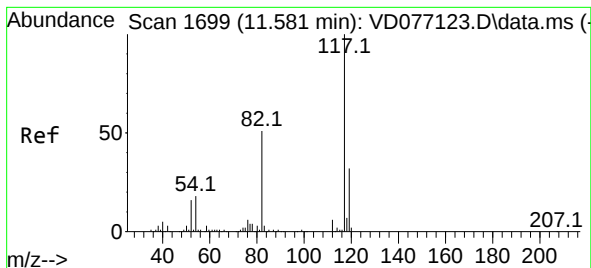
Tgt Ion:107 Resp: 118298
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.713 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 95 Resp: 146088
Ion Ratio Lower Upper
95 100
174 90.6 0.0 201.8
176 84.1 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: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

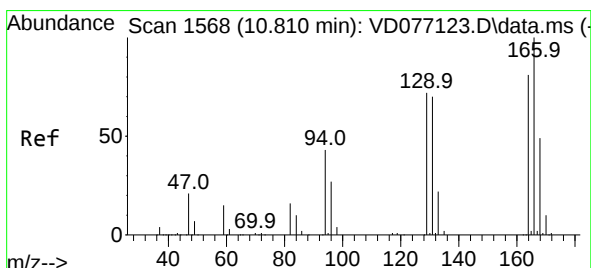
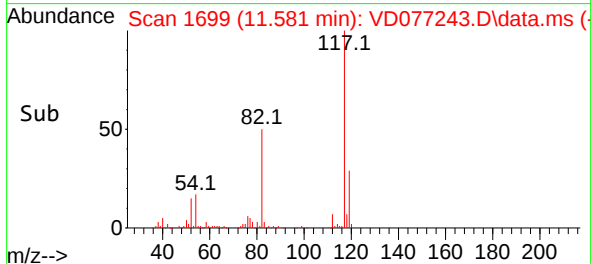
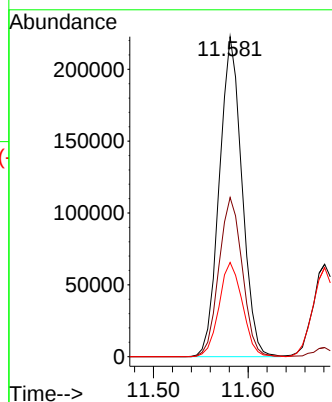
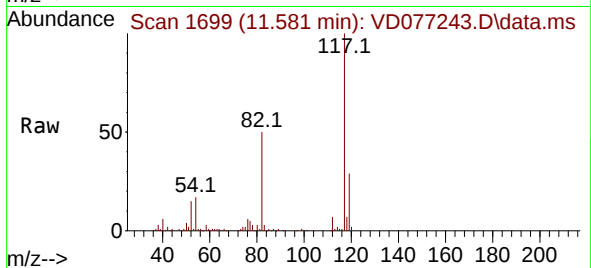
Tgt Ion:117 Resp: 369359

Ion Ratio Lower Upper

117 100

82 49.8 38.3 57.5

119 29.4 25.0 37.4



#64

Tetrachloroethene

Concen: 49.296 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Tgt Ion:164 Resp: 141666

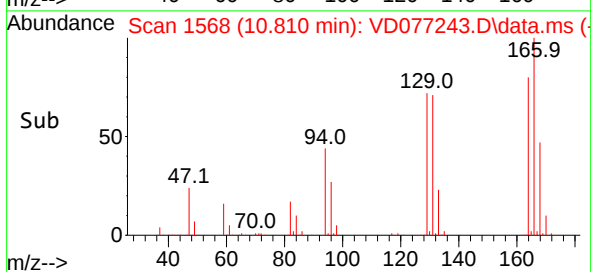
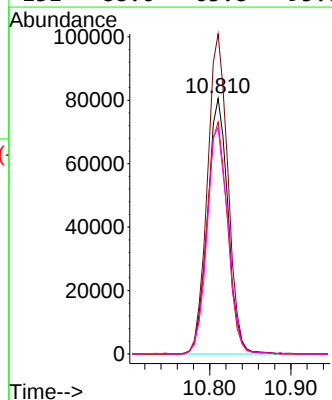
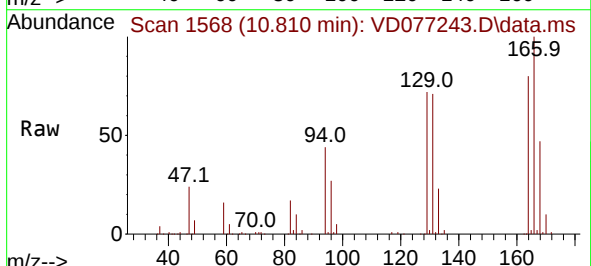
Ion Ratio Lower Upper

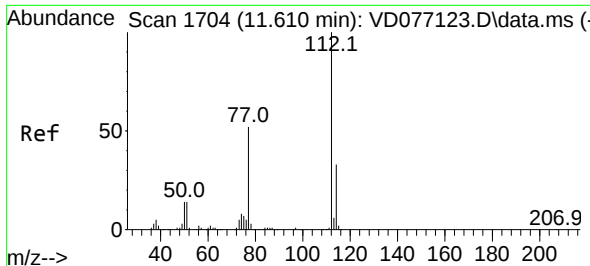
164 100

166 125.2 99.2 148.8

129 90.7 68.4 102.6

131 88.6 63.8 95.8

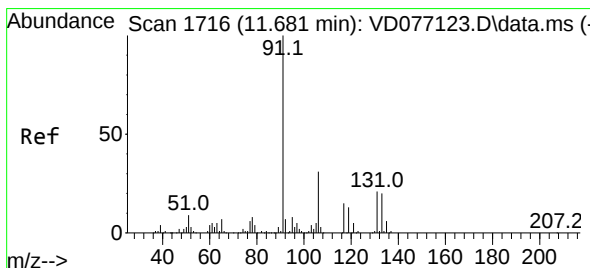
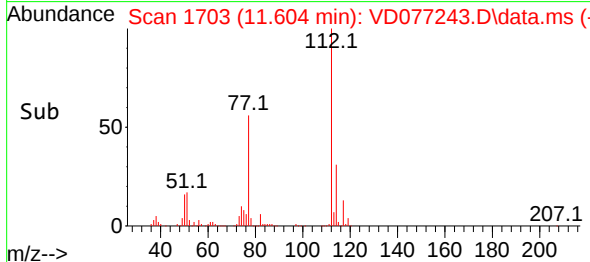
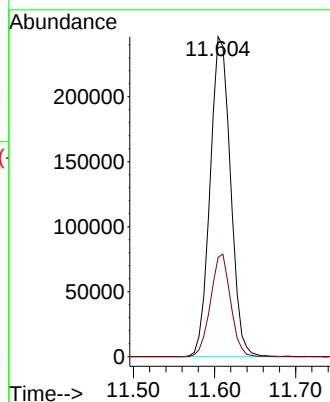
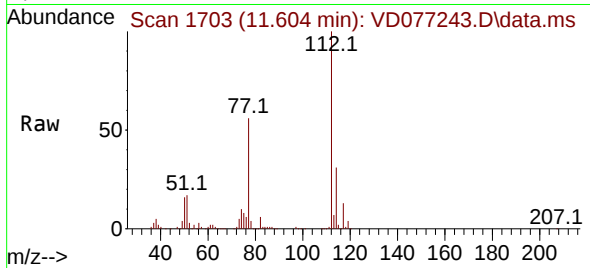




#65
Chlorobenzene
Concen: 49.425 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

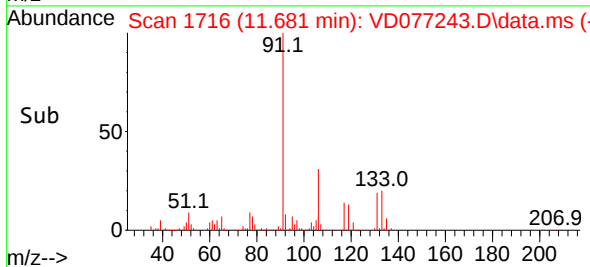
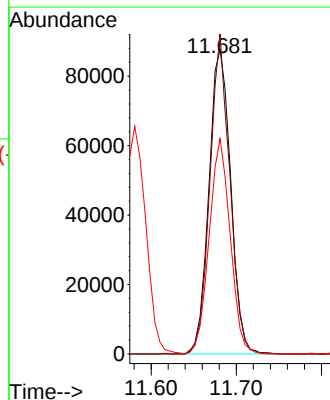
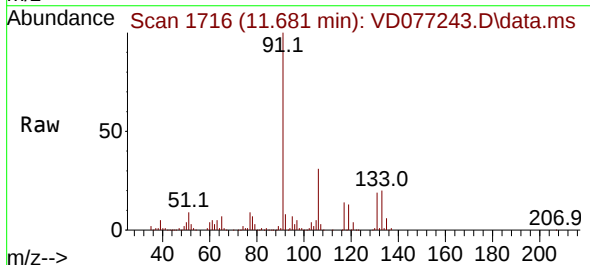
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

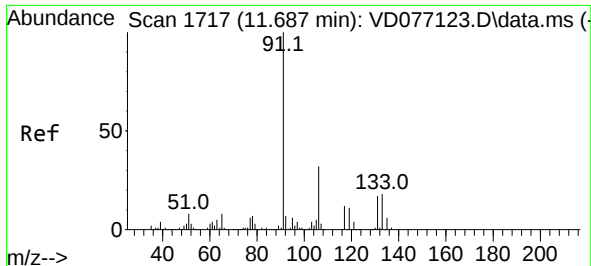
Tgt Ion:112 Resp: 429449
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.845 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion:131 Resp: 155269
Ion Ratio Lower Upper
131 100
133 96.3 48.5 145.5
119 68.3 35.6 106.9

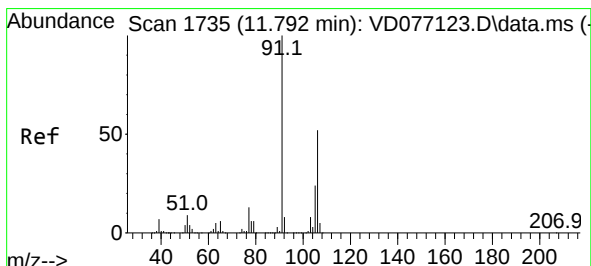
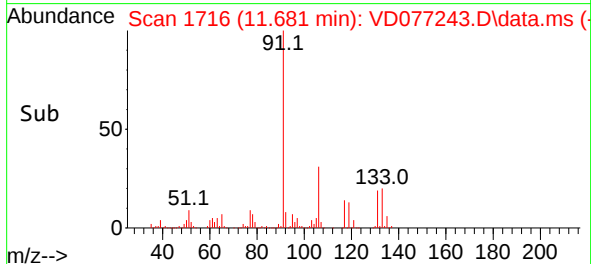
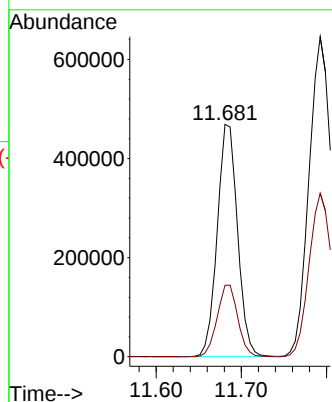
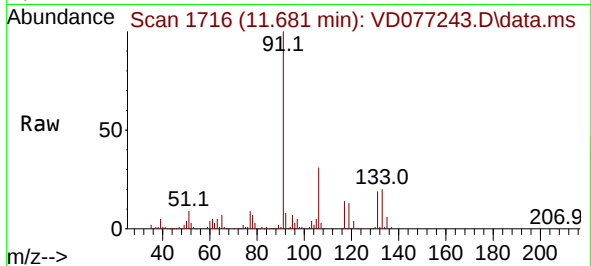




#67
Ethyl Benzene
Concen: 52.079 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

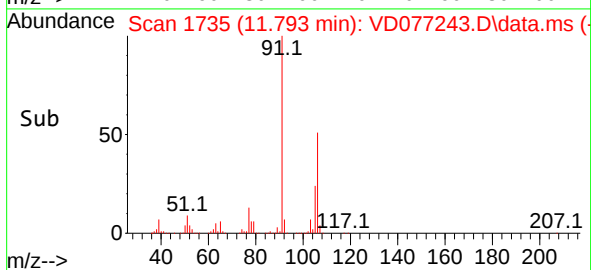
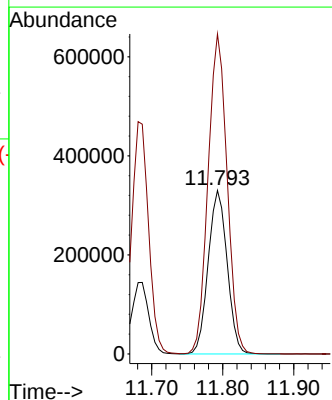
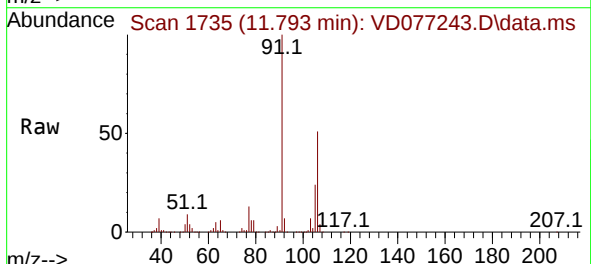
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

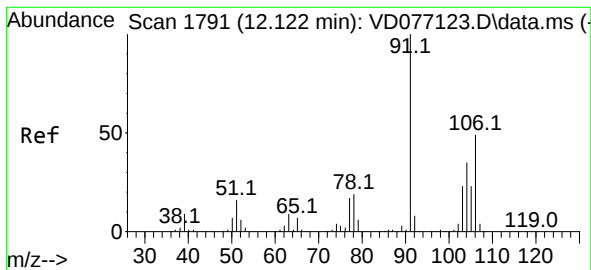
Tgt Ion: 91 Resp: 777808
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7



#68
m/p-Xylenes
Concen: 102.342 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion:106 Resp: 611991
Ion Ratio Lower Upper
106 100
91 196.3 147.0 220.6





#69

o-Xylene

Concen: 51.073 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

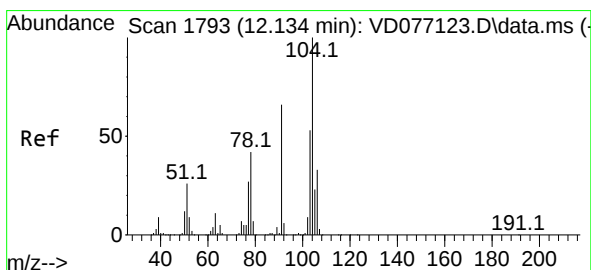
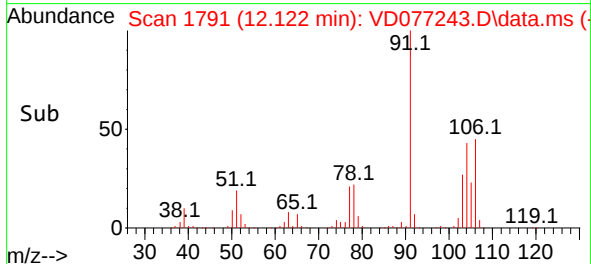
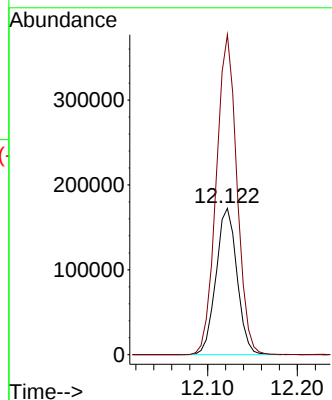
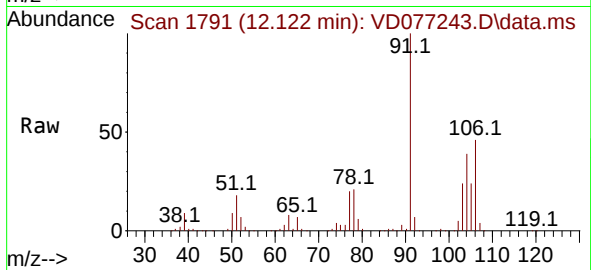
VSTDCCC050EC

Tgt Ion:106 Resp: 280322

Ion Ratio Lower Upper

106 100

91 215.1 97.9 293.6



#70

Styrene

Concen: 53.465 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

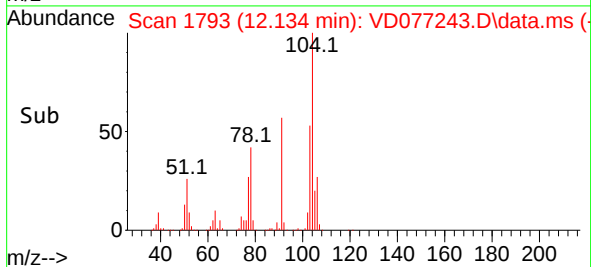
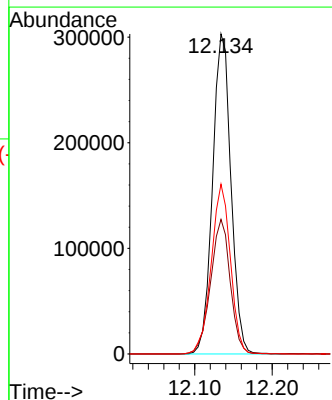
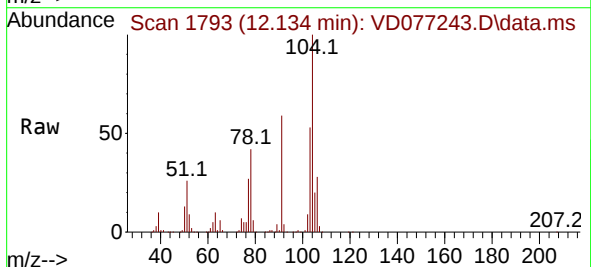
Tgt Ion:104 Resp: 499946

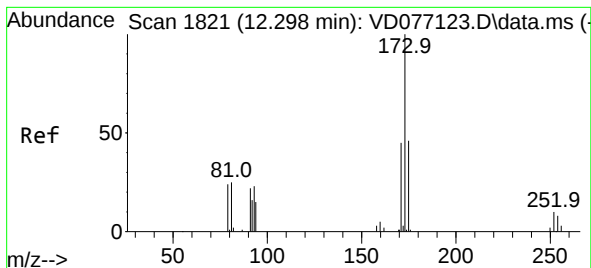
Ion Ratio Lower Upper

104 100

78 44.9 33.2 49.8

103 55.3 43.6 65.4





#71

Bromoform

Concen: 48.293 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

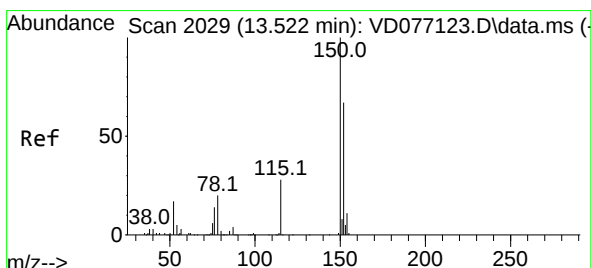
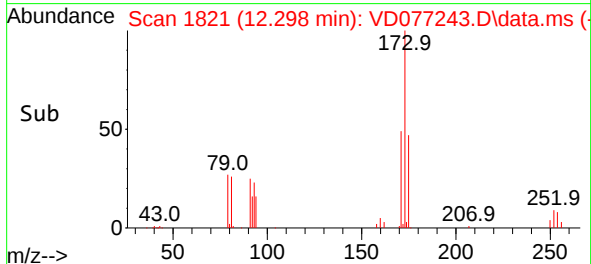
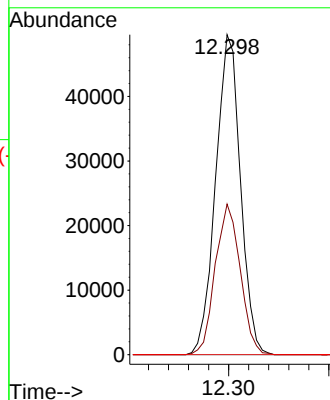
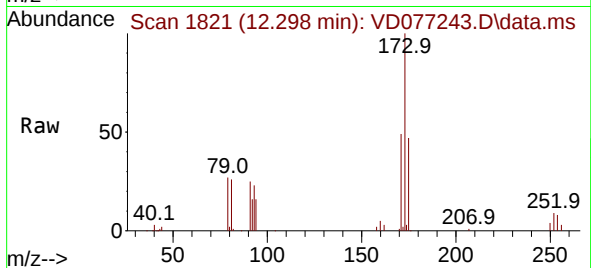
Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	173	Resp:	85095
Ion Ratio	Lower	Upper	
173	100		
175	47.4	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

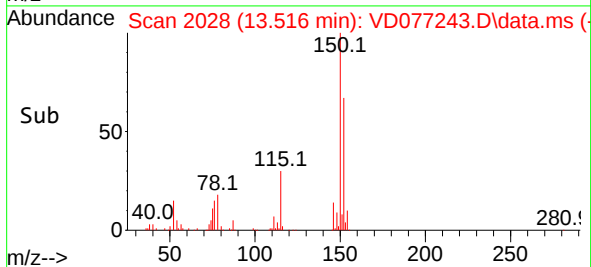
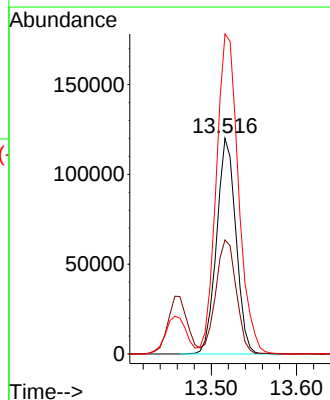
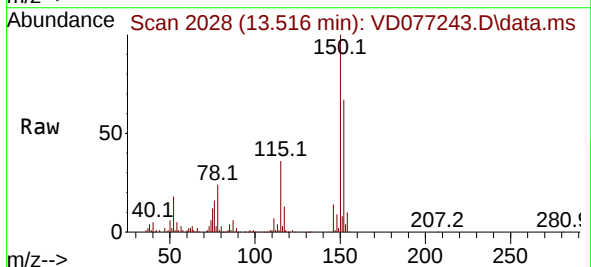
RT: 13.516 min Scan# 2028

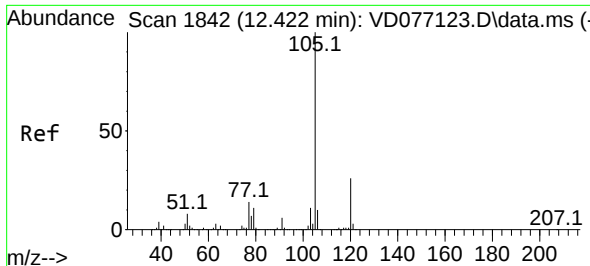
Delta R.T. -0.006 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Tgt Ion:	152	Resp:	189227
Ion Ratio	Lower	Upper	
152	100		
115	56.2	27.1	81.3
150	171.0	0.0	353.6

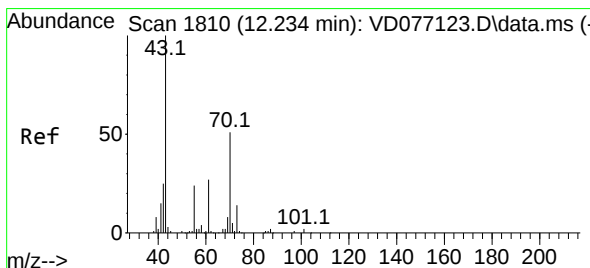
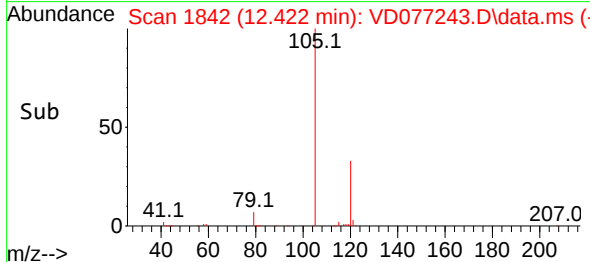
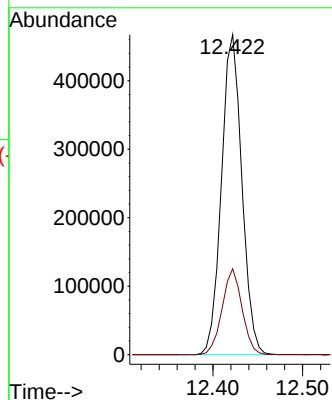
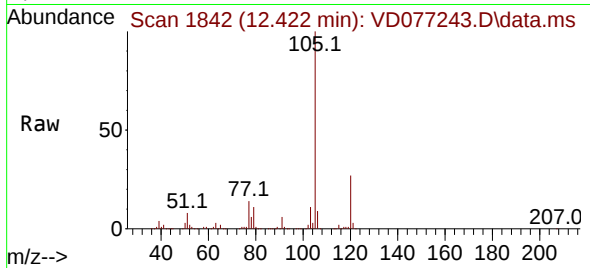




#73
Isopropylbenzene
Concen: 52.755 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

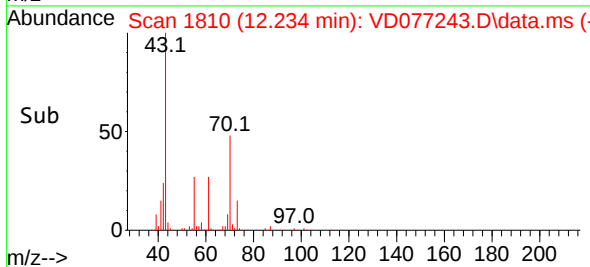
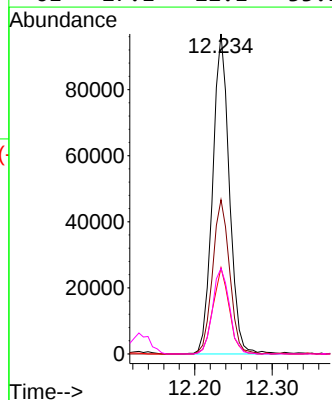
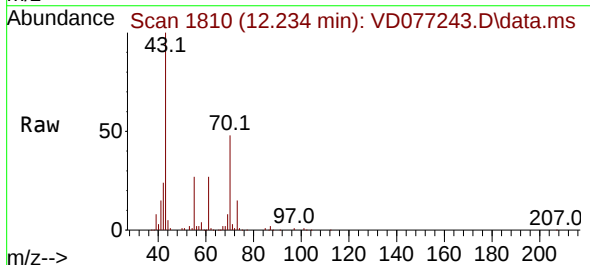
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

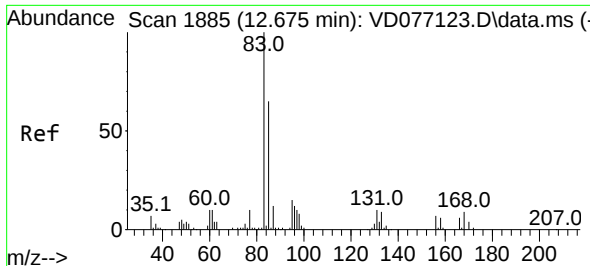
Tgt Ion:105 Resp: 737617
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9



#74
N-ethyl acetate
Concen: 55.305 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 43 Resp: 145257
Ion Ratio Lower Upper
43 100
70 49.0 45.0 67.4
55 26.0 23.8 35.6
61 27.1 22.1 33.1

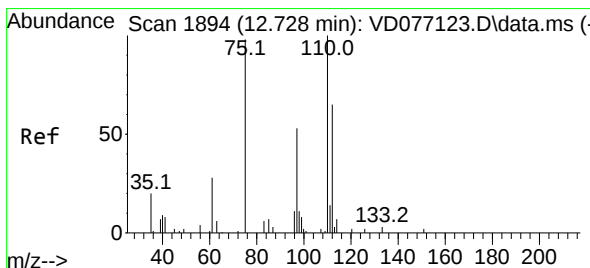
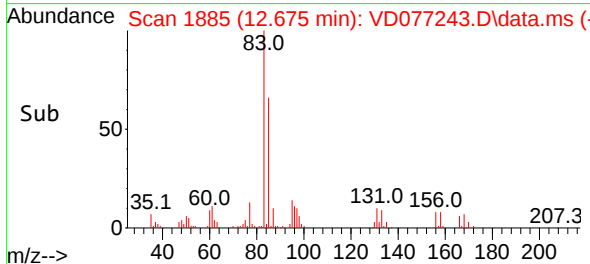
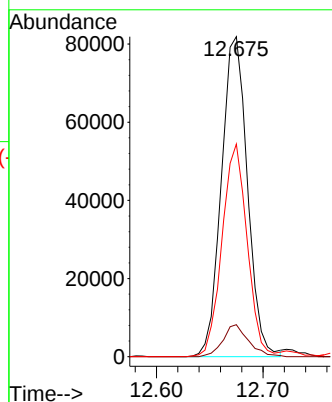
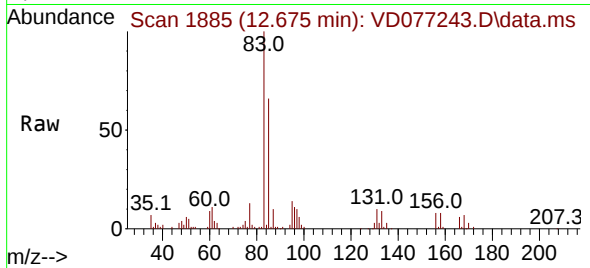




#75
1,1,2,2-Tetrachloroethane
Concen: 52.788 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

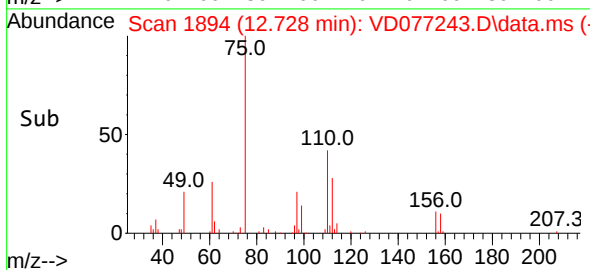
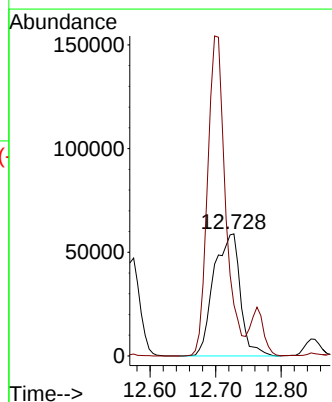
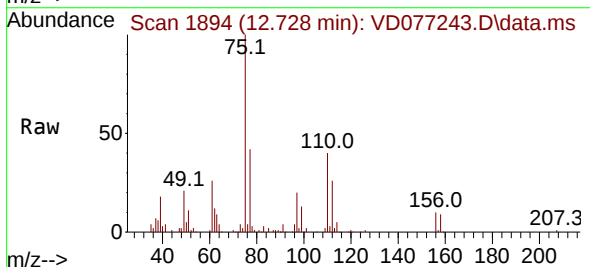
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

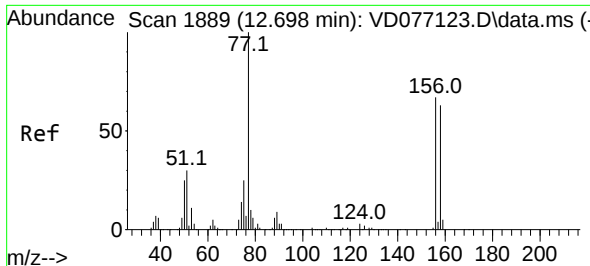
Tgt Ion: 83 Resp: 139287
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 63.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 109.598 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 75 Resp: 165428
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

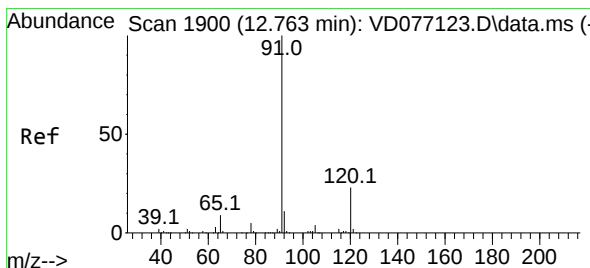
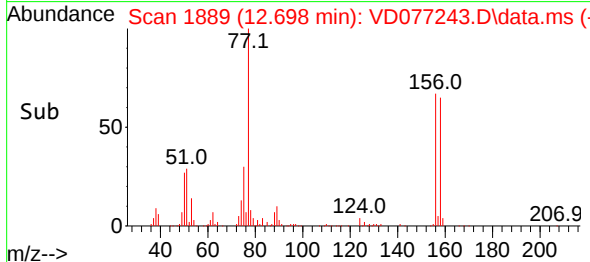
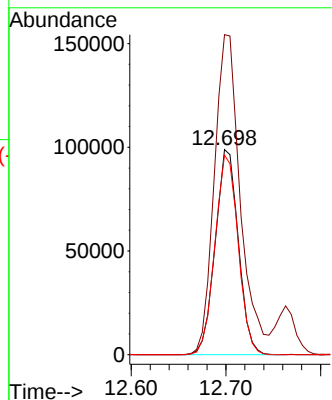
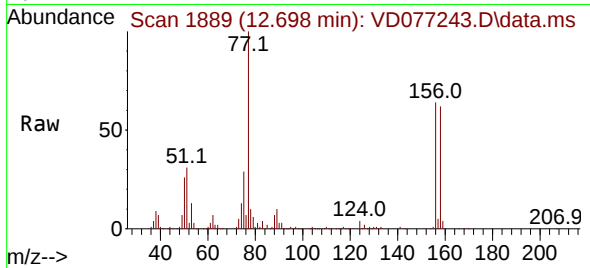




#77
Bromobenzene
Concen: 48.229 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

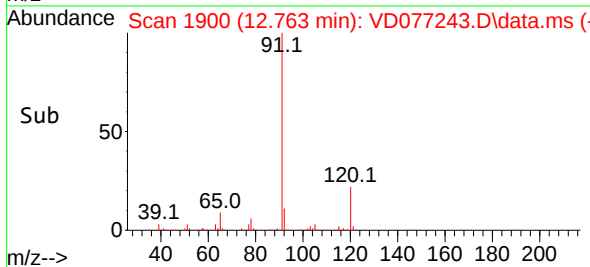
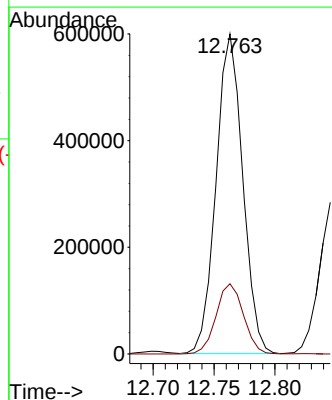
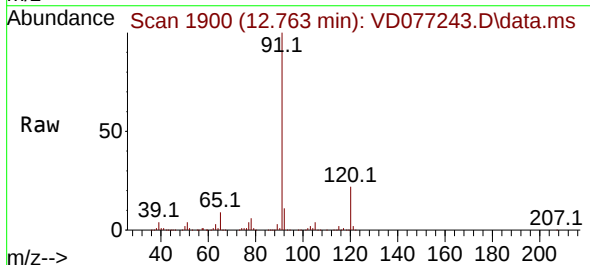
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

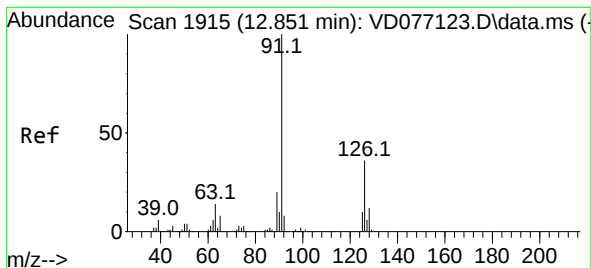
Tgt Ion:156 Resp: 167911
Ion Ratio Lower Upper
156 100
77 176.1 76.8 230.4
158 97.6 48.6 145.9



#78
n-propylbenzene
Concen: 53.360 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 91 Resp: 911956
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2

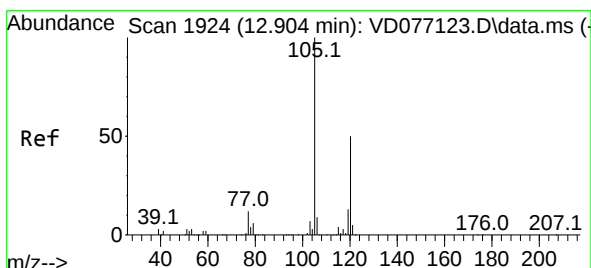
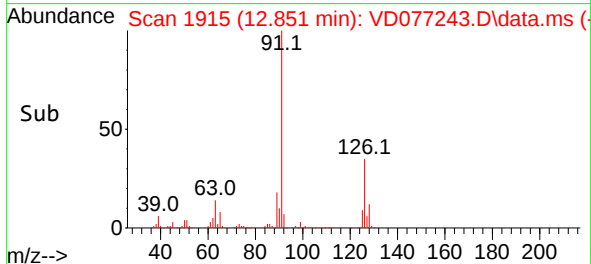
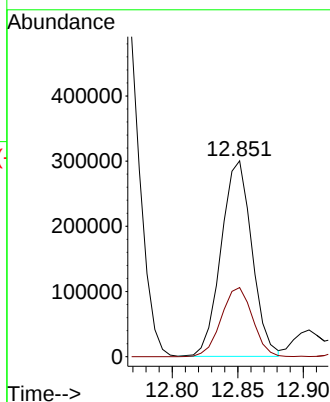
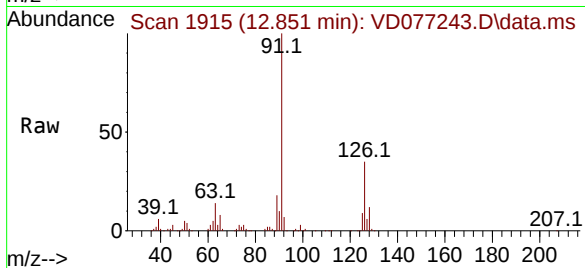




#79
2-Chlorotoluene
Concen: 52.129 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

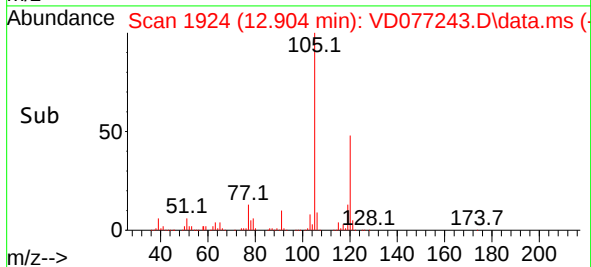
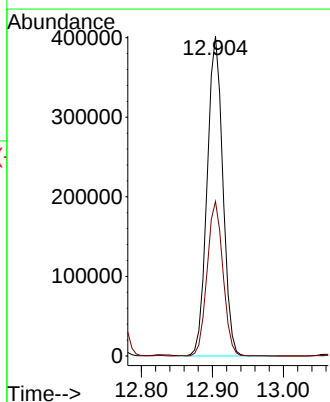
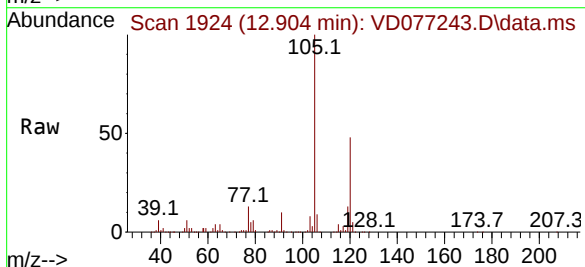
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

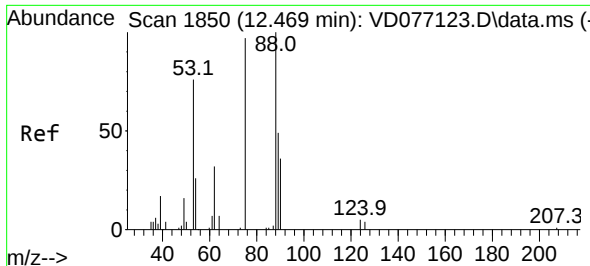
Tgt Ion: 91 Resp: 491295
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.852 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 105 Resp: 617157
Ion Ratio Lower Upper
105 100
120 48.7 26.4 79.2

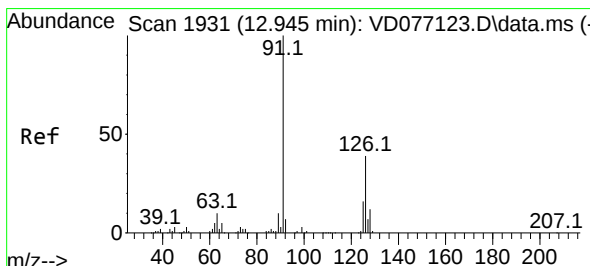
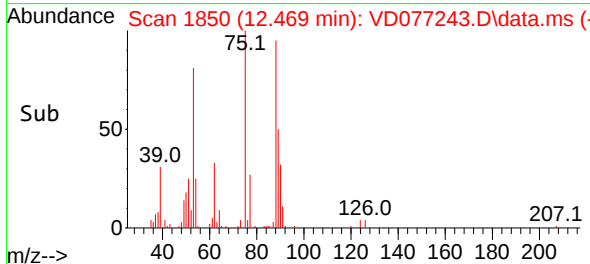
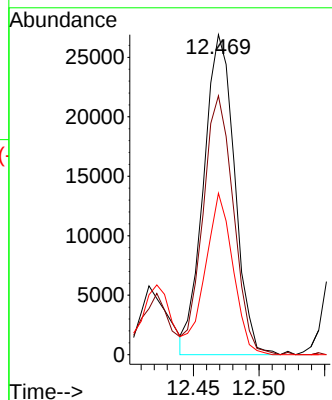
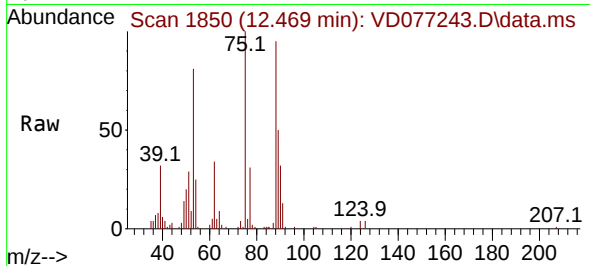




#81
trans-1,4-Dichloro-2-butene
Concen: 55.526 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

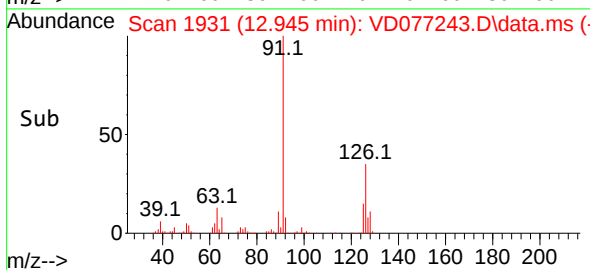
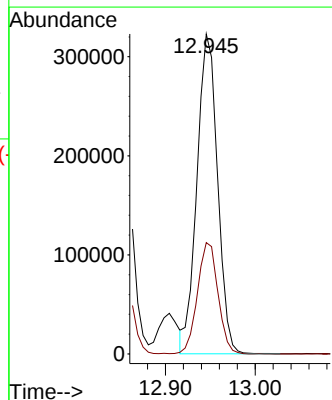
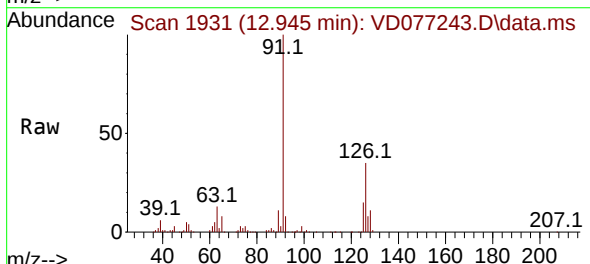
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

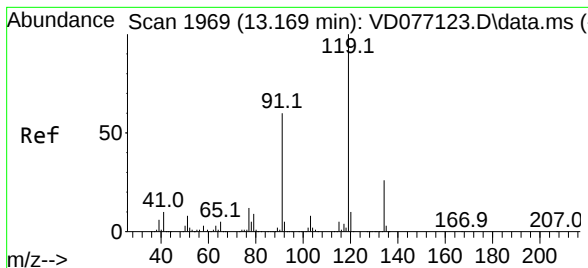
Tgt Ion: 75 Resp: 44279
Ion Ratio Lower Upper
75 100
53 80.0 63.0 94.4
89 45.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.951 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 91 Resp: 514582
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.4





#83

tert-Butylbenzene

Concen: 52.774 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

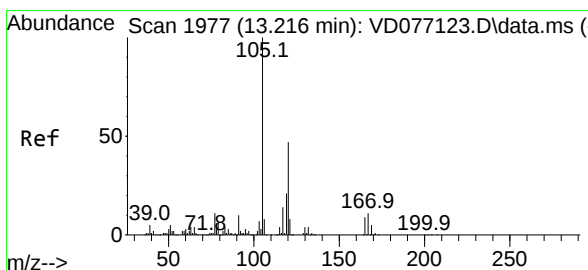
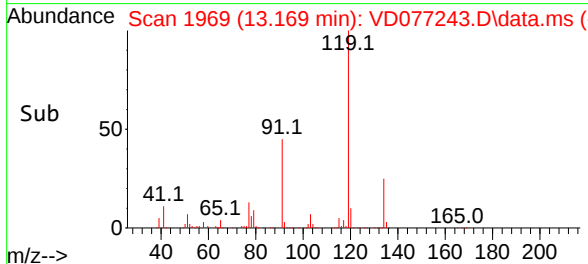
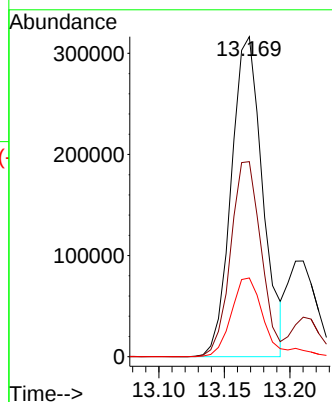
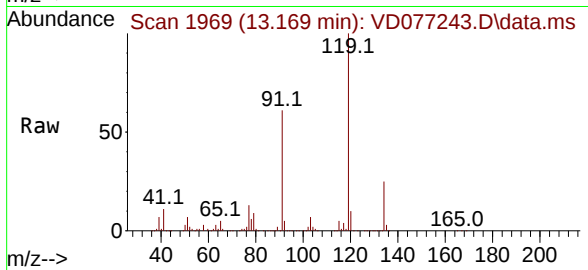
Tgt Ion:119 Resp: 526486

Ion Ratio Lower Upper

119 100

91 59.4 29.3 87.8

134 26.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 51.940 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077243.D

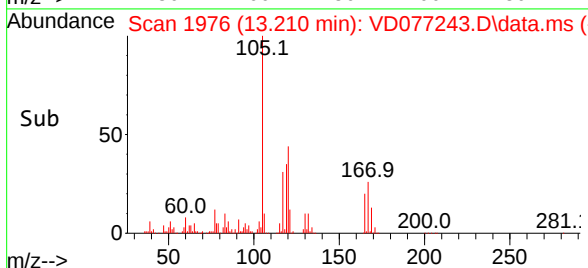
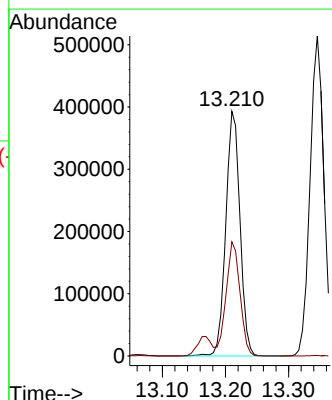
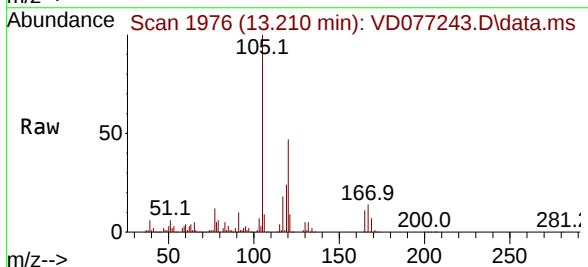
Acq: 28 Sep 2023 21:30

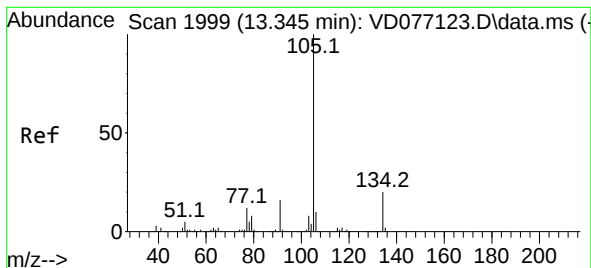
Tgt Ion:105 Resp: 615007

Ion Ratio Lower Upper

105 100

120 46.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 52.177 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

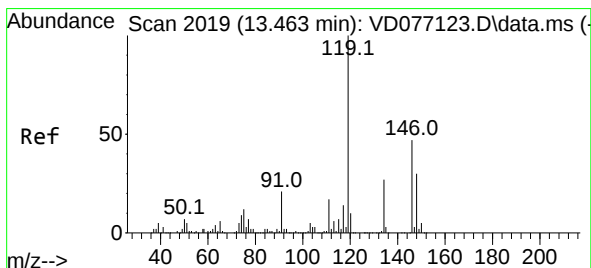
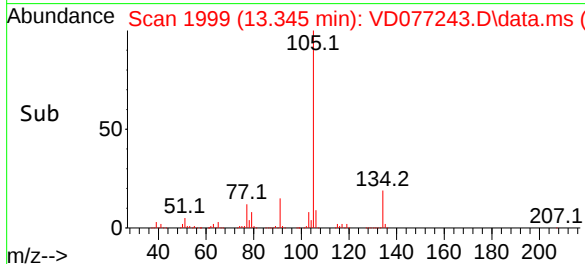
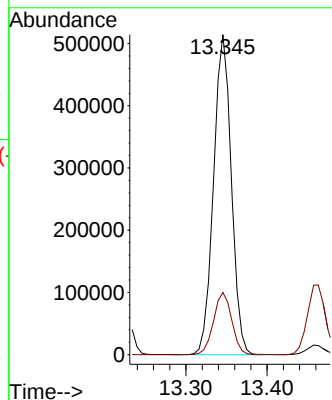
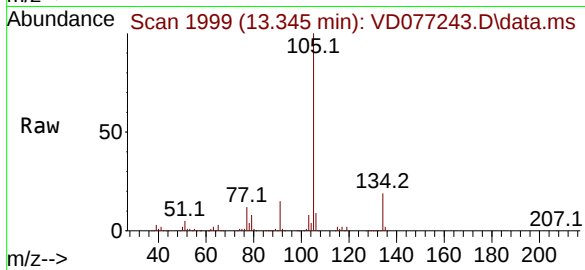
VSTDCCC050EC

Tgt Ion:105 Resp: 781108

Ion Ratio Lower Upper

105 100

134 19.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 51.952 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

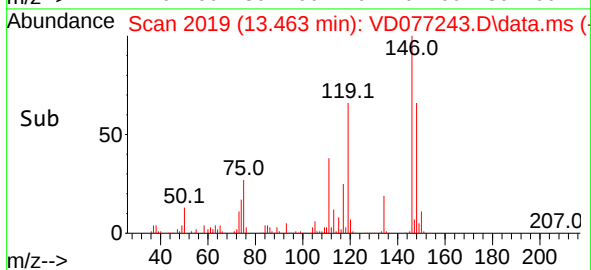
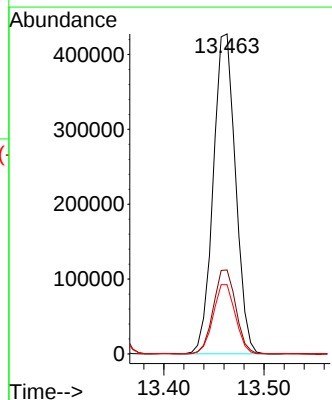
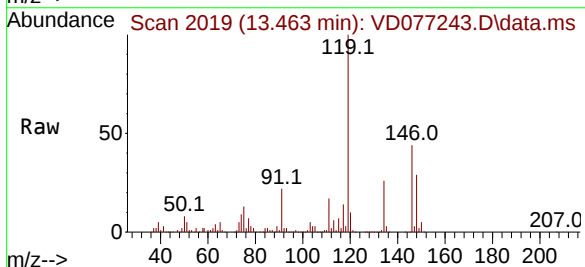
Tgt Ion:119 Resp: 659780

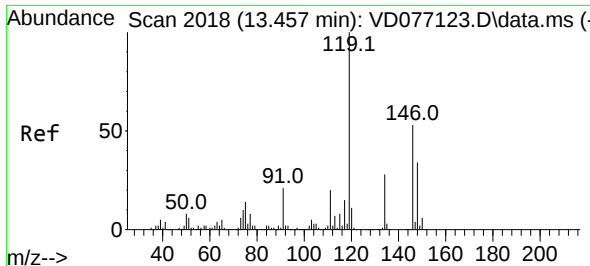
Ion Ratio Lower Upper

119 100

134 26.5 14.2 42.6

91 21.6 10.5 31.5

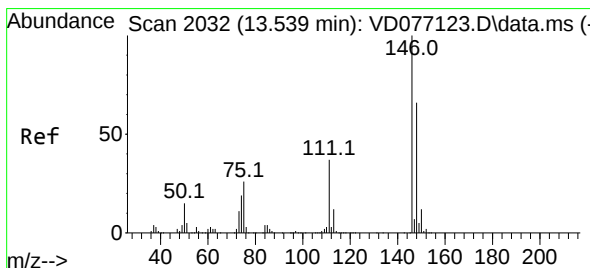
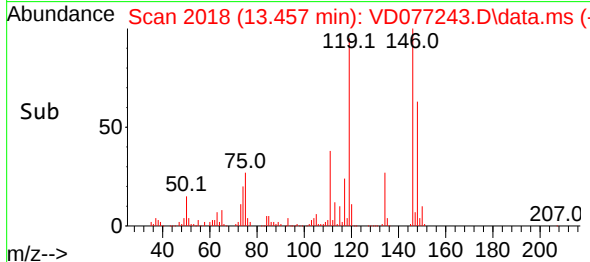
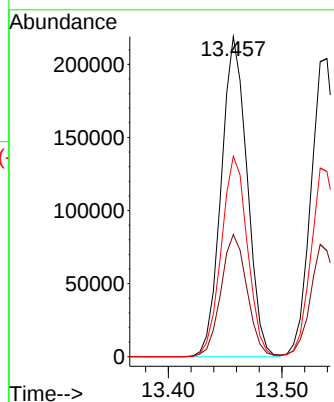
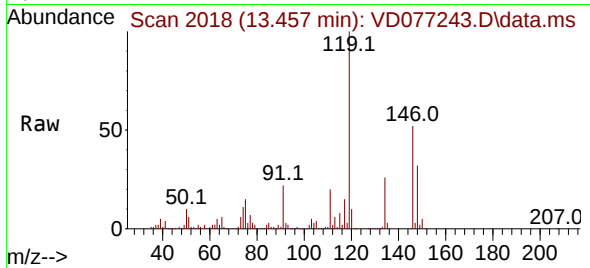




#87
1,3-Dichlorobenzene
Concen: 48.353 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

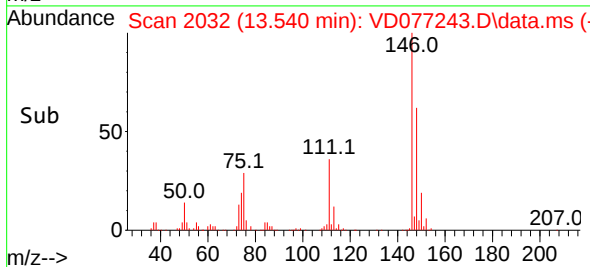
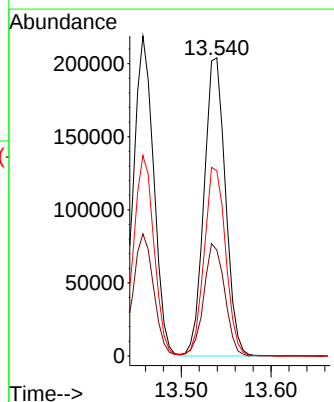
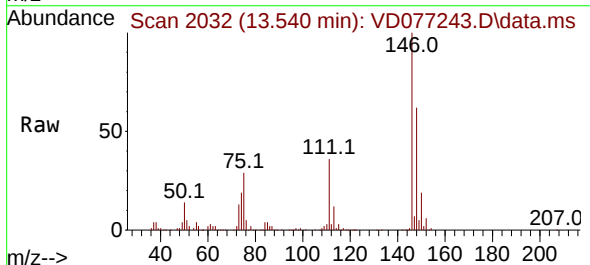
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

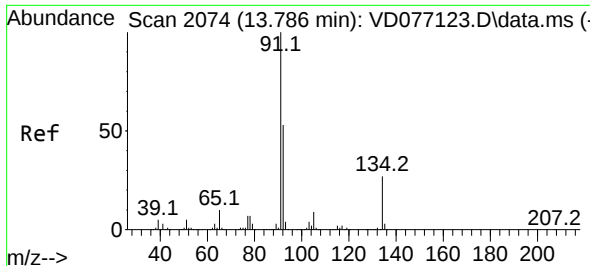
Tgt Ion:146 Resp: 346206
Ion Ratio Lower Upper
146 100
111 38.4 17.9 53.8
148 63.3 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 47.960 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion:146 Resp: 337858
Ion Ratio Lower Upper
146 100
111 36.7 17.4 52.3
148 63.4 31.7 95.1

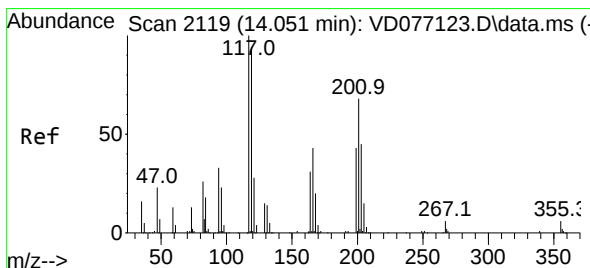
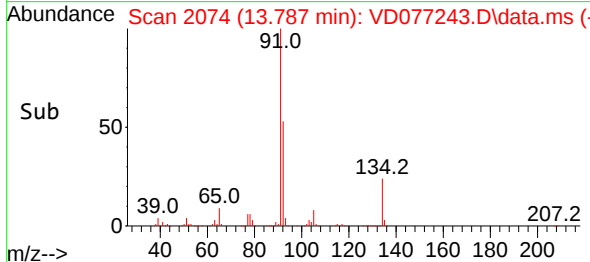
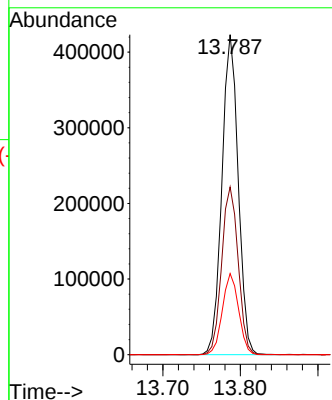
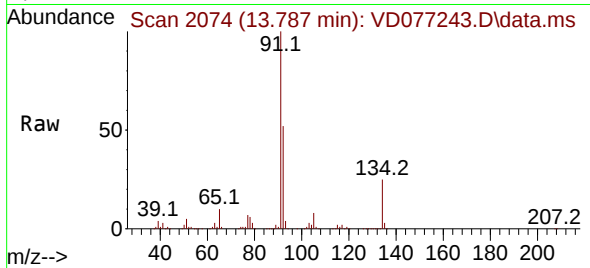




#89
n-Butylbenzene
Concen: 52.731 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

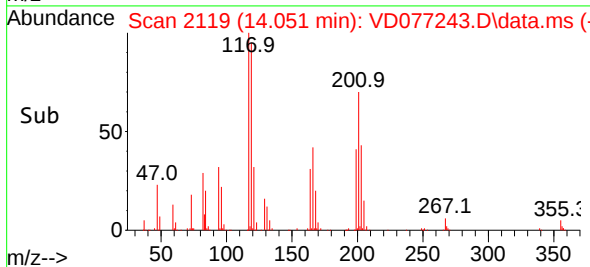
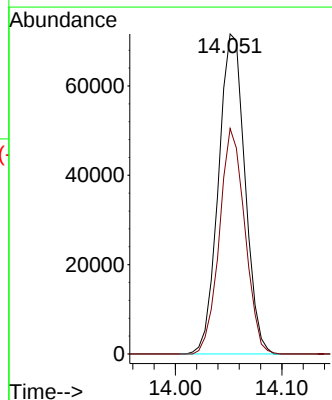
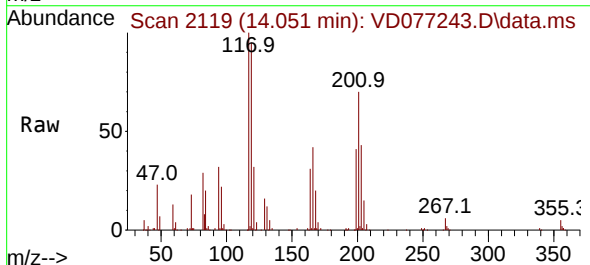
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

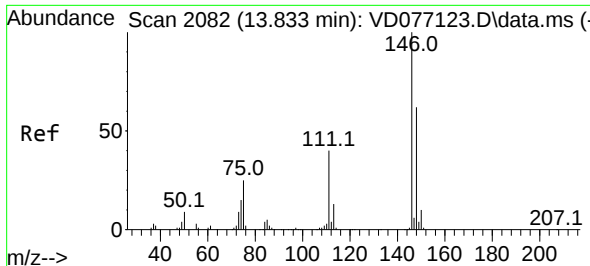
Tgt Ion: 91 Resp: 617773
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 25.3 13.8 41.3



#90
Hexachloroethane
Concen: 49.066 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077243.D
Acq: 28 Sep 2023 21:30

Tgt Ion: 117 Resp: 123579
Ion Ratio Lower Upper
117 100
201 67.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 49.181 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

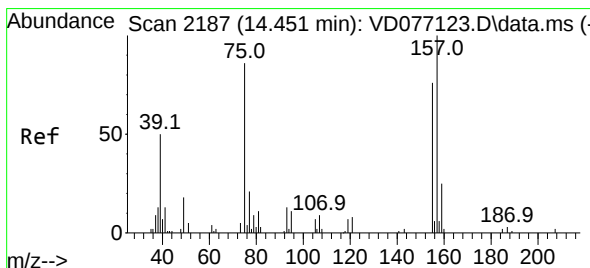
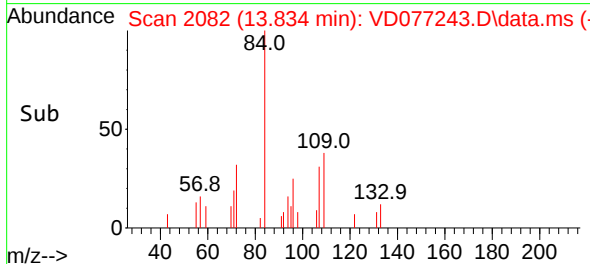
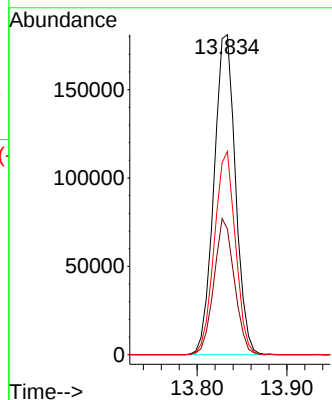
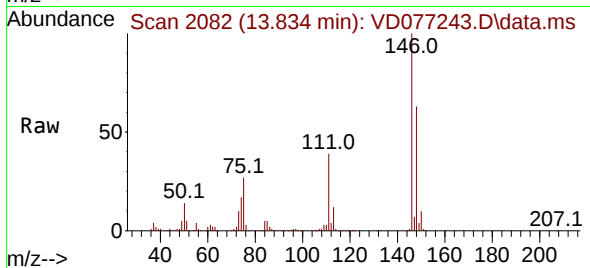
Tgt Ion:146 Resp: 301920

Ion Ratio Lower Upper

146 100

111 40.4 18.3 54.8

148 62.2 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.610 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

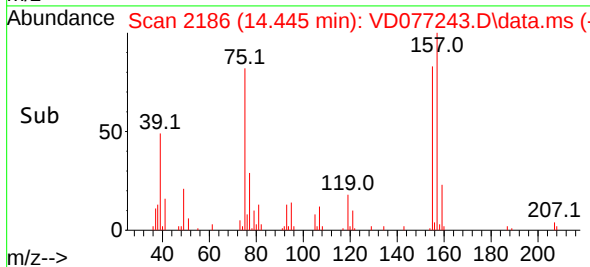
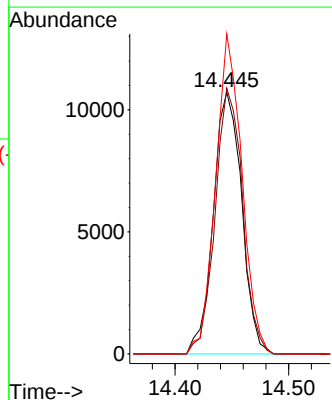
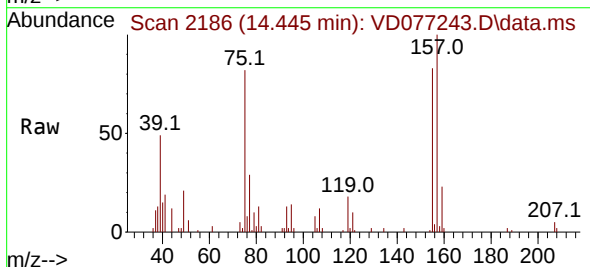
Tgt Ion: 75 Resp: 18536

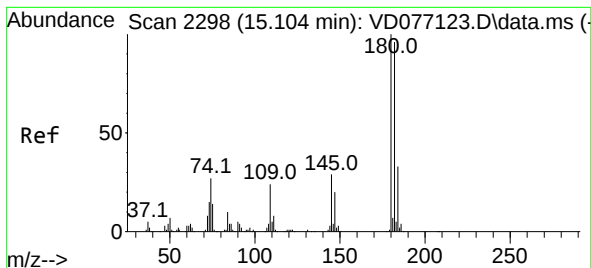
Ion Ratio Lower Upper

75 100

155 98.2 47.9 143.8

157 114.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 48.617 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

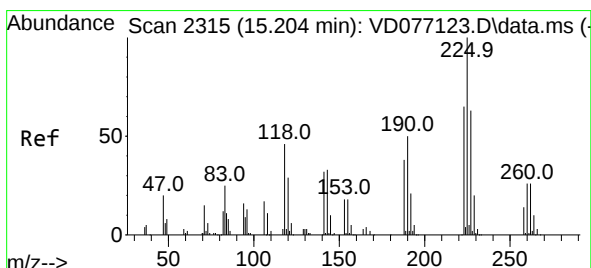
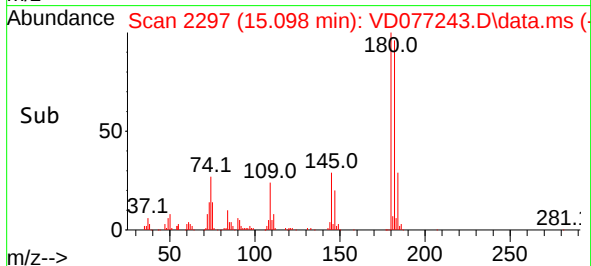
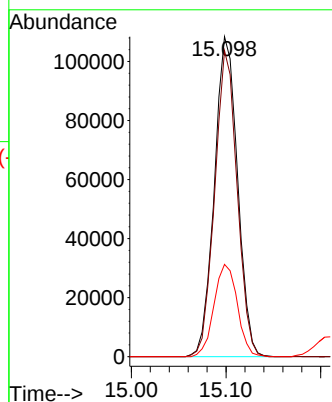
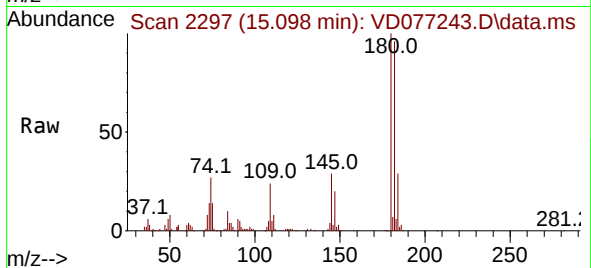
Tgt Ion:180 Resp: 184133

Ion Ratio Lower Upper

180 100

182 92.6 48.5 145.6

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.673 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

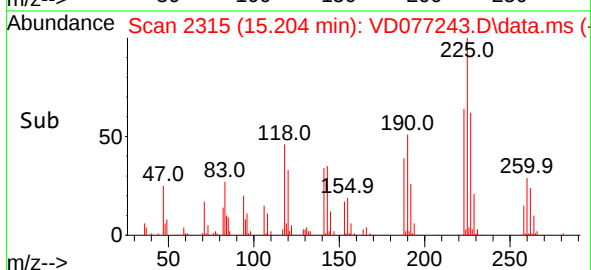
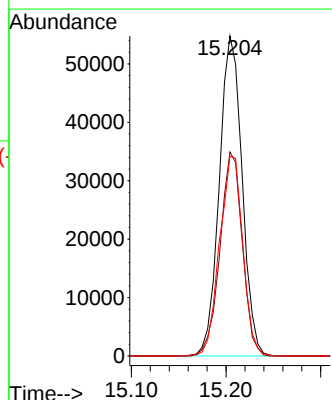
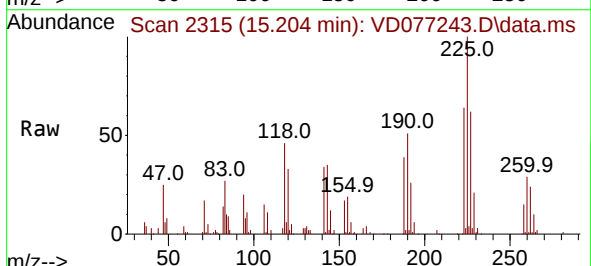
Tgt Ion:225 Resp: 91667

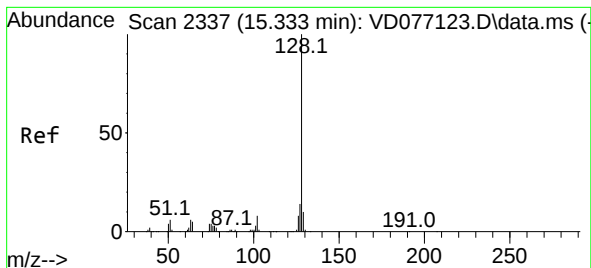
Ion Ratio Lower Upper

225 100

223 62.2 31.6 94.8

227 63.5 31.7 95.1





#95

Naphthalene

Concen: 51.544 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

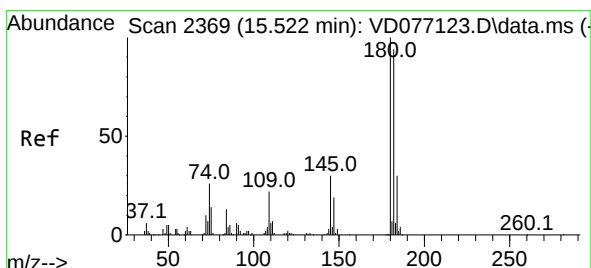
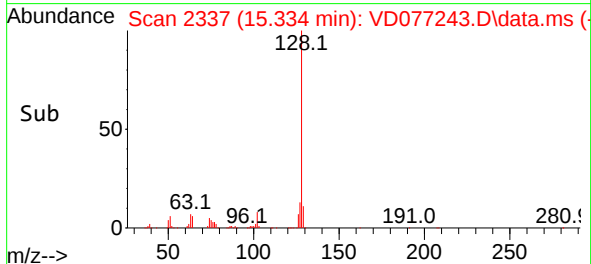
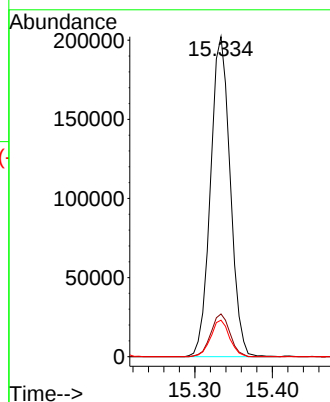
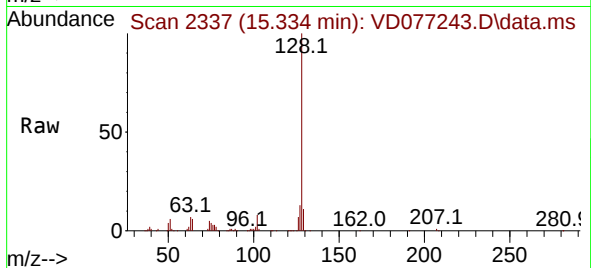
Tgt Ion:128 Resp: 357973

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.292 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077243.D

Acq: 28 Sep 2023 21:30

Tgt Ion:180 Resp: 162570

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 31.1 15.1 45.3

