

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110723\
 Data File : VW032873.D
 Acq On : 07 Nov 2023 16:38
 Operator : SY/MD
 Sample : 05226-09MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:40:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	324476	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	369770	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	210267	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	99016	32.084	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.160%
7) Chloroethane-d5	1.532	69	95226	36.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.780%
11) 1,1-Dichloroethene-d2	2.060	65	44372	34.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.620%
21) 2-Butanone-d5	3.789	46	138567	103.513	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.510%
24) Chloroform-d	4.252	84	221937	45.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.100%
26) 1,2-Dichloroethane-d4	4.944	65	138756	45.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
32) Benzene-d6	4.963	84	395729	41.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.240%
36) 1,2-Dichloropropane-d6	5.992	67	123093	42.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.240%
41) Toluene-d8	7.246	98	399310	42.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.300%
43) trans-1,3-Dichloroprop...	7.554	79	66259	44.046	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.100%
47) 2-Hexanone-d5	8.027	63	108008	102.429	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.430%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	220737	50.361	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.720%
66) 1,2-Dichlorobenzene-d4	11.564	152	180976	44.664	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	115455	40.438	ug/L	99
3) Chloromethane	1.217	50	112124	40.593	ug/L	100
5) Vinyl chloride	1.285	62	124379	42.230	ug/L	98
6) Bromomethane	1.484	94	86336	42.011	ug/L	99
8) Chloroethane	1.548	64	87395	44.078	ug/L	100
9) Trichlorofluoromethane	1.712	101	207296	44.165	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	127054	44.738	ug/L	99
12) 1,1-Dichloroethene	2.069	96	107573	44.326	ug/L	85
13) Acetone	2.111	43	112755	50.322	ug/L	100
14) Carbon disulfide	2.243	76	251683	43.444	ug/L	99
15) Methyl Acetate	2.375	43	107043	47.117	ug/L	99
16) Methylene chloride	2.449	84	123391	38.331	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	100338	43.318	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	336456	49.185	ug/L	99
19) 1,1-Dichloroethane	3.114	63	199361	45.163	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	117992	46.124	ug/L	99
22) 2-Butanone	3.867	43	142184	74.825	ug/L	99
23) Bromochloromethane	4.149	128	67684	47.404	ug/L	96
25) Chloroform	4.281	83	228510	45.419	ug/L	99

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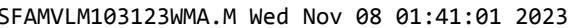
Instrument :
 MSVOA_V
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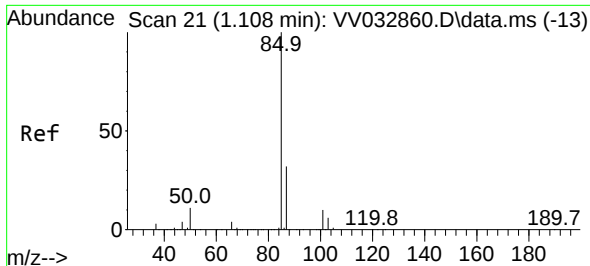
Quant Time: Nov 08 01:40:52 2023
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 QLast Update : Wed Nov 08 01:37:19 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	177165	48.862	ug/L	96
29) Cyclohexane	4.587	56	136351	41.029	ug/L #	92
30) 1,1,1-Trichloroethane	4.516	97	197876	44.666	ug/L	99
31) Carbon tetrachloride	4.738	117	170752	43.617	ug/L	98
33) Benzene	5.011	78	454048	46.308	ug/L	100
34) Trichloroethene	5.834	95	112729	41.301	ug/L	98
37) 1,2-Dichloropropane	6.095	63	111072	42.675	ug/L	99
38) Bromodichloromethane	6.436	83	186535	45.684	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	196665	50.367	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	321792	104.326	ug/L	99
42) Toluene	7.317	91	534584	47.875	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	189395	47.224	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	144257	48.322	ug/L	99
46) Tetrachloroethene	7.908	164	103347	41.964	ug/L	96
48) 2-Hexanone	8.075	43	251072	90.722	ug/L	96
49) Dibromochloromethane	8.181	129	146475	46.931	ug/L	99
50) 1,2-Dibromoethane	8.284	107	149424	49.130	ug/L	99
51) Chlorobenzene	8.818	112	359299	45.452	ug/L	98
52) Ethylbenzene	8.950	91	578957	47.003	ug/L	99
53) m,p-Xylene	9.075	106	224009	47.785	ug/L	99
54) o-Xylene	9.480	106	217304	47.849	ug/L	98
55) Styrene	9.497	104	397067	50.170	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	226914	50.751	ug/L	99
59) Bromoform	9.667	173	109263	46.347	ug/L	99
60) Isopropylbenzene	9.870	105	592114	46.435	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	164522	46.844	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	467568	46.597	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	461048	48.032	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	299038	45.015	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	310532	44.303	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	302460	44.599	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	42074	46.030	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	204691	42.682	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	181285	43.710	ug/L	99
71) Naphthalene	13.442	128	514899	49.715	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	197757	47.757	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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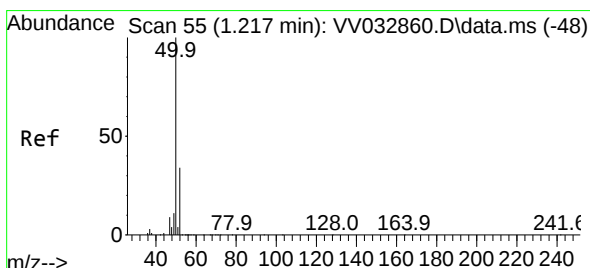
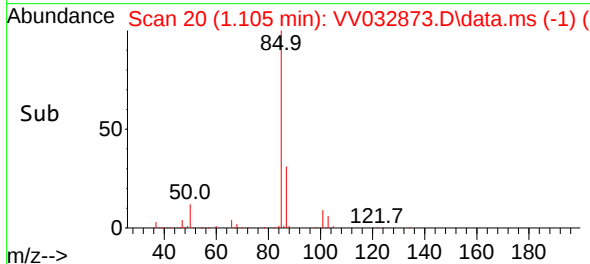
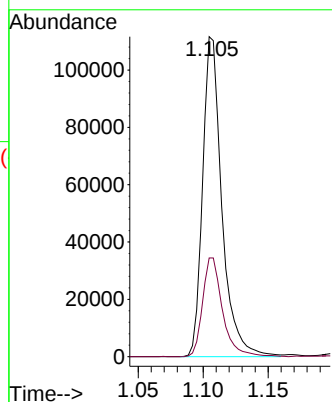
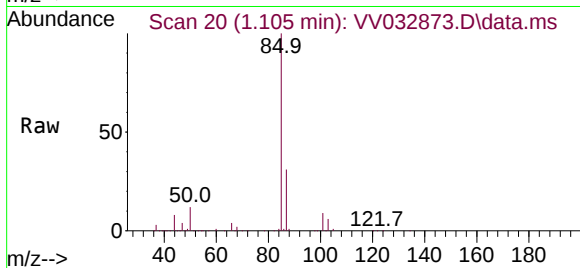




#2
 Dichlorodifluoromethane
 Concen: 40.438 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV032873.D
 Acq: 07 Nov 2023 16:38

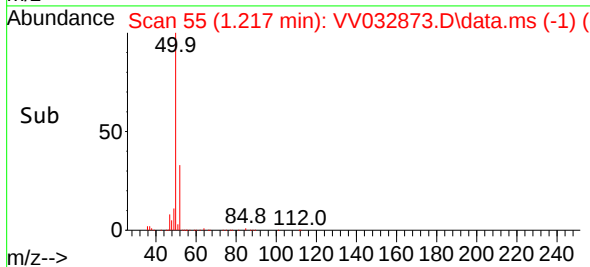
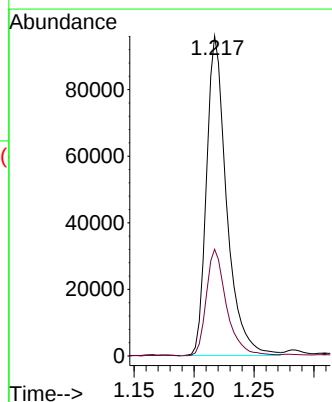
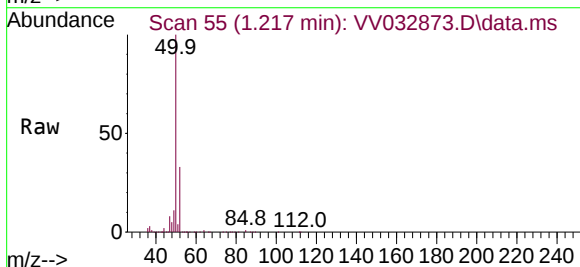
Instrument :
 MSVOA_V
 ClientSampleId :

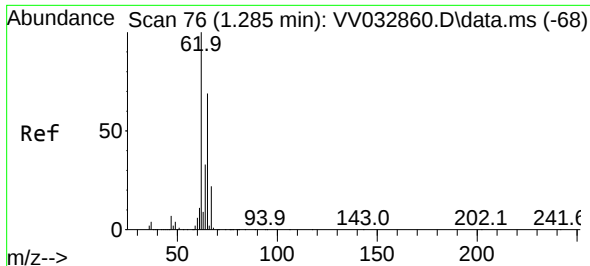
Tgt Ion: 85 Resp: 115455
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4



#3
 Chloromethane
 Concen: 40.593 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032873.D
 Acq: 07 Nov 2023 16:38

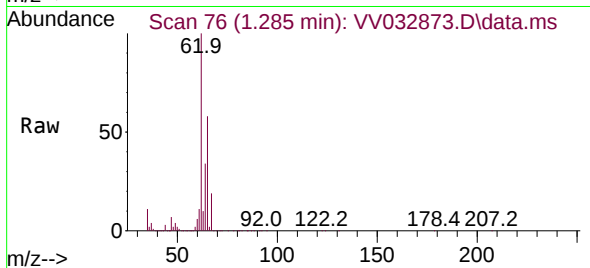
Tgt Ion: 50 Resp: 112124
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.5 43.7



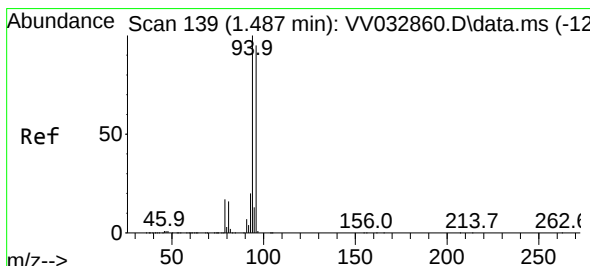
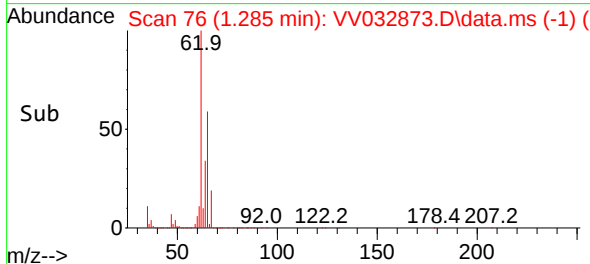
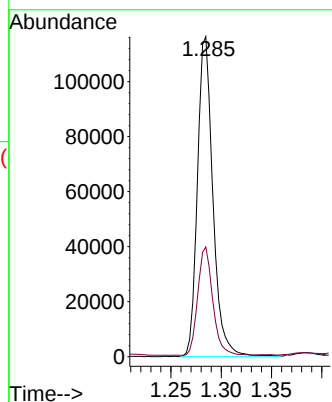


#5
 Vinyl chloride
 Concen: 42.230 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV032873.D
 Acq: 07 Nov 2023 16:38

Instrument :
 MSVOA_V
 ClientSampleId :

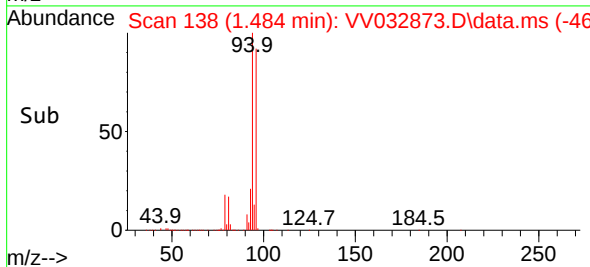
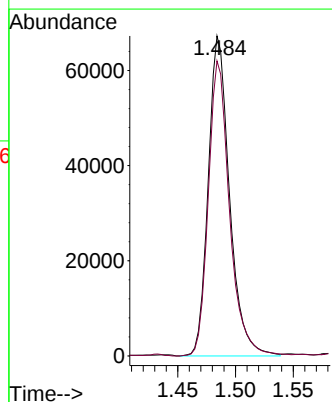
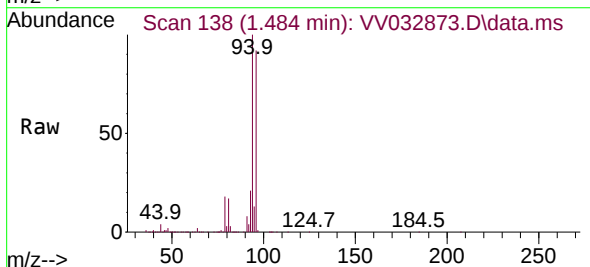


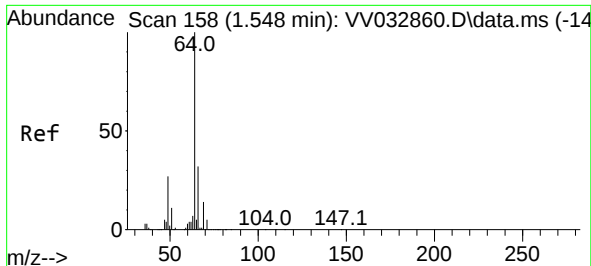
Tgt Ion: 62 Resp: 124379
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.2 43.0



#6
 Bromomethane
 Concen: 42.011 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV032873.D
 Acq: 07 Nov 2023 16:38

Tgt Ion: 94 Resp: 86336
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.2 119.2

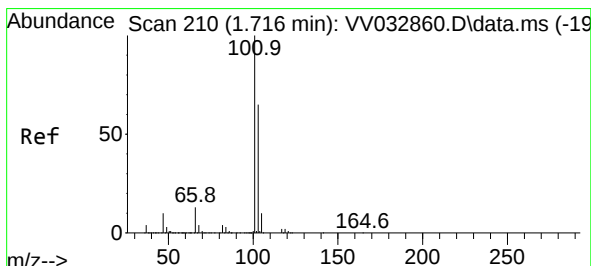
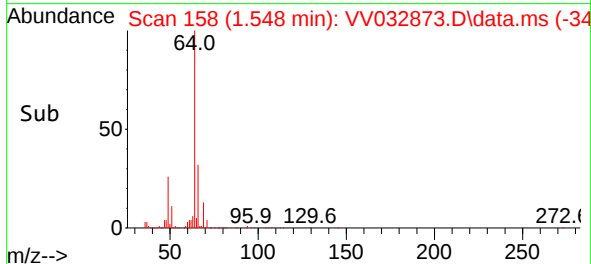
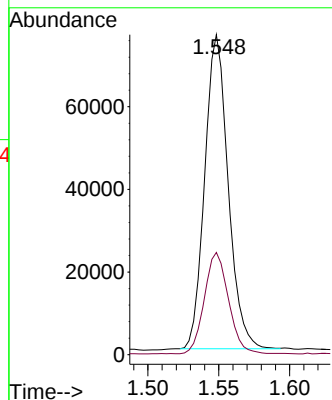
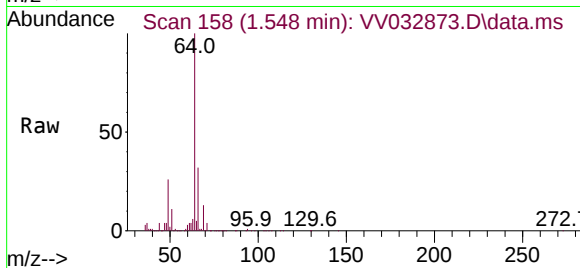




#8
Chloroethane
Concen: 44.078 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

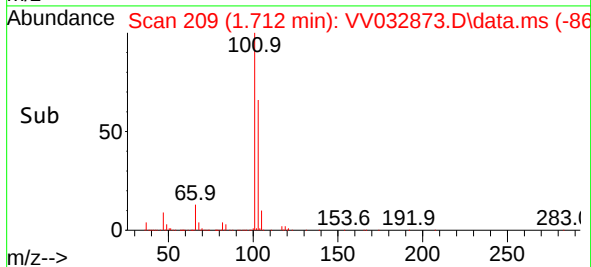
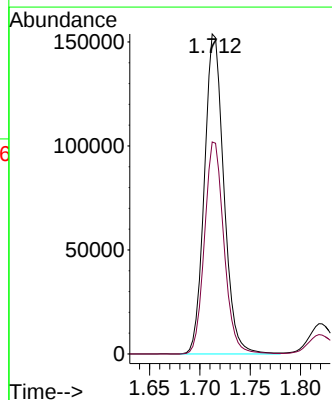
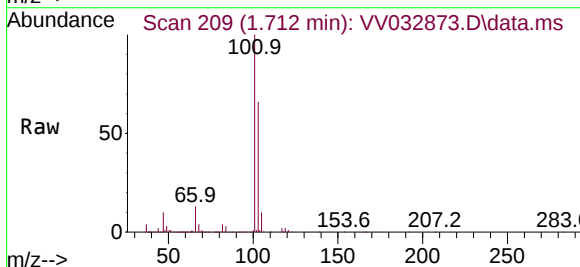
Instrument :
MSVOA_V
ClientSampleId :

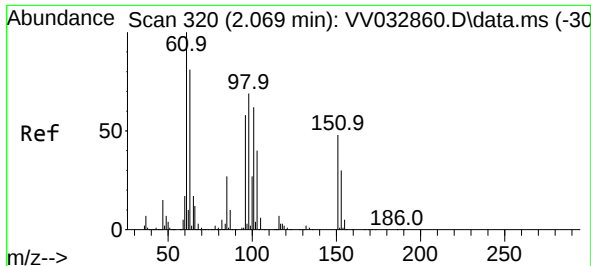
Tgt Ion: 64 Resp: 87395
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 44.165 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion:101 Resp: 207296
Ion Ratio Lower Upper
101 100
103 66.1 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 44.738 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

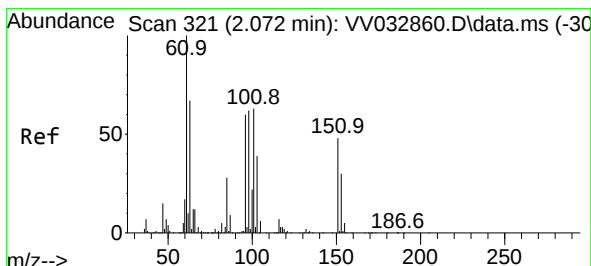
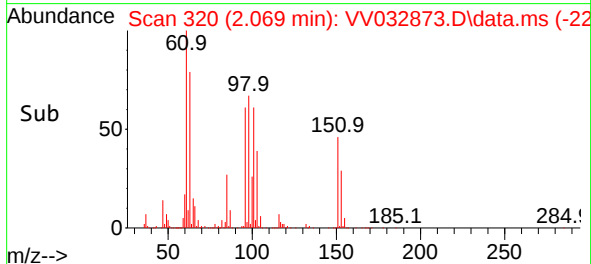
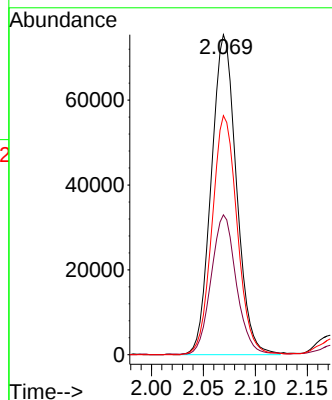
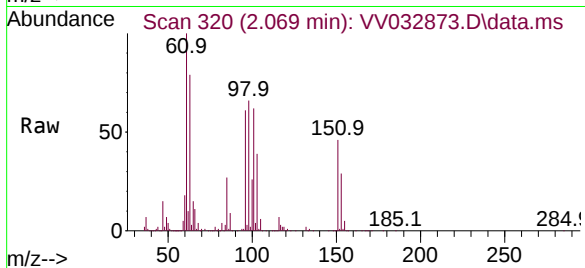
Tgt Ion:101 Resp: 127054

Ion Ratio Lower Upper

101 100

85 43.1 35.6 53.4

151 74.6 59.9 89.9



#12

1,1-Dichloroethene

Concen: 44.326 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

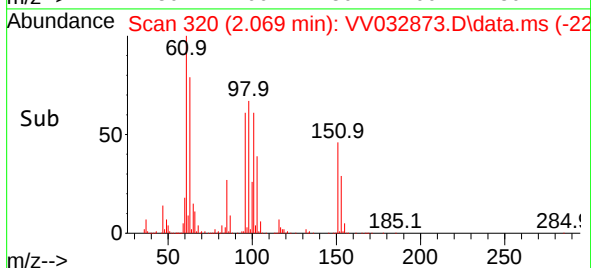
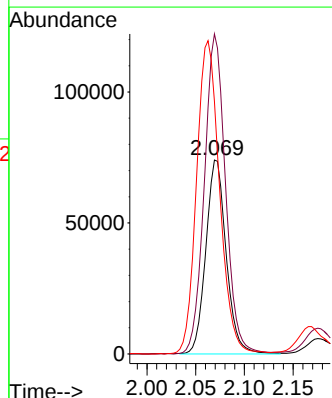
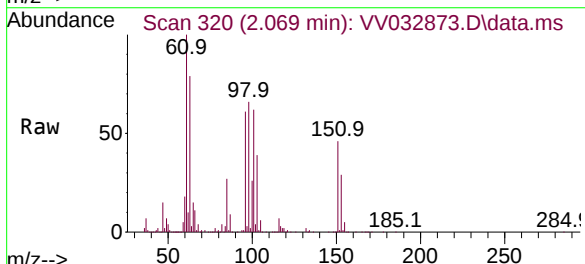
Tgt Ion: 96 Resp: 107573

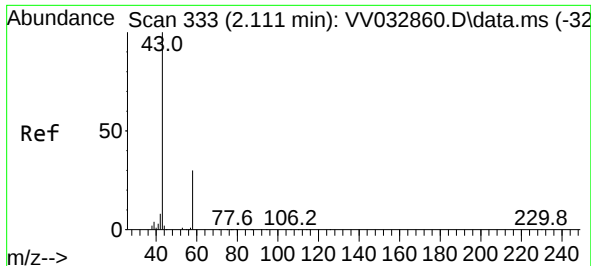
Ion Ratio Lower Upper

96 100

61 165.0 124.2 230.6

63 130.1 111.8 207.6





#13

Acetone

Concen: 50.322 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

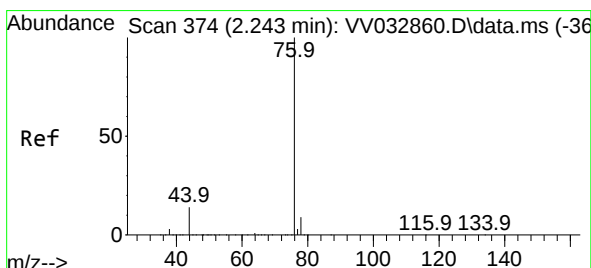
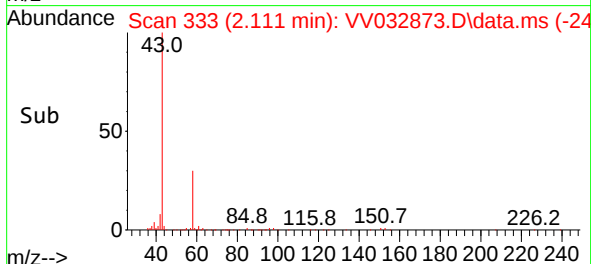
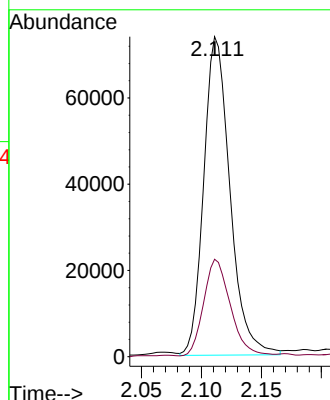
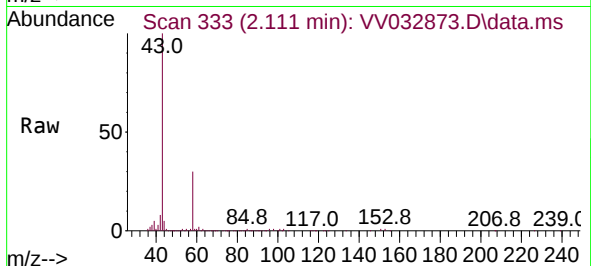
ClientSampleId :

Tgt Ion: 43 Resp: 112755

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.2



#14

Carbon disulfide

Concen: 43.444 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV032873.D

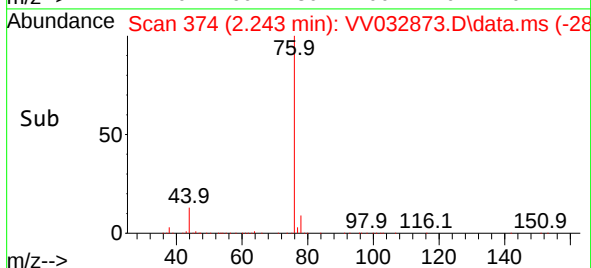
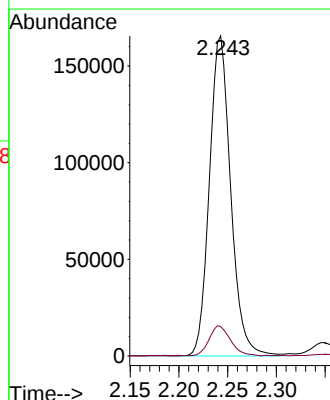
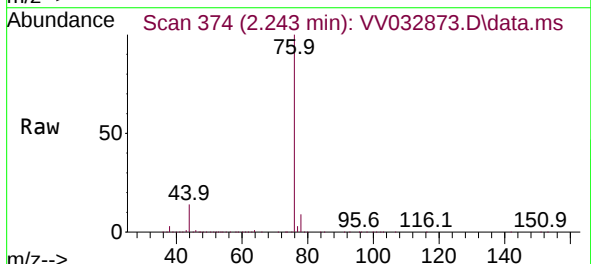
Acq: 07 Nov 2023 16:38

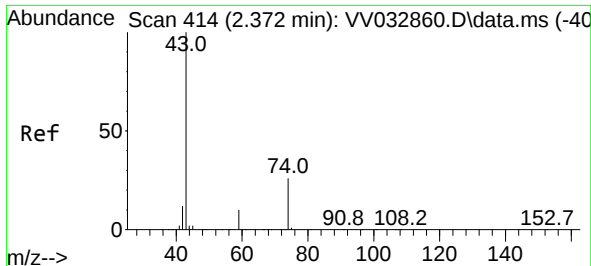
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Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

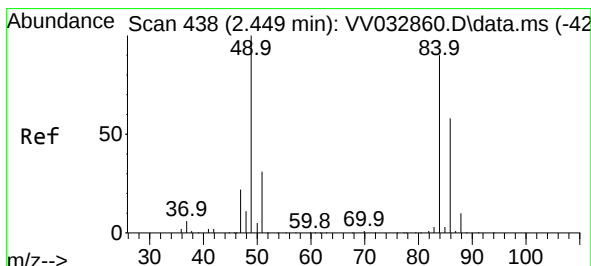
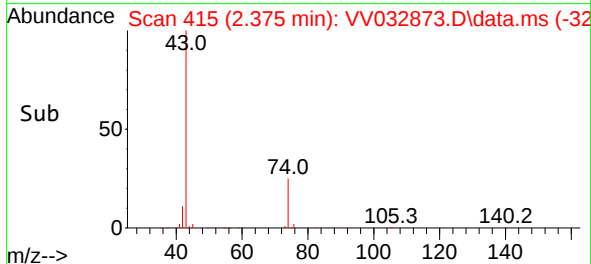
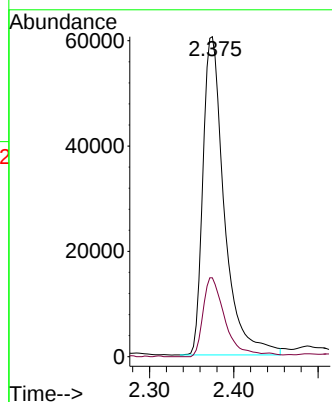
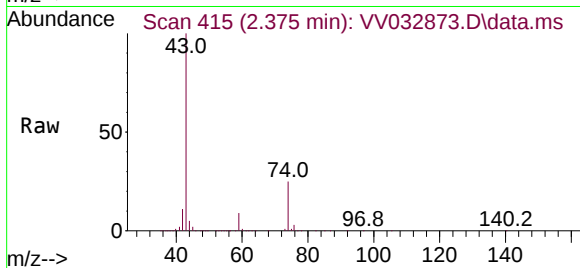




#15
Methyl Acetate
Concen: 47.117 ug/L
RT: 2.375 min Scan# 415
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

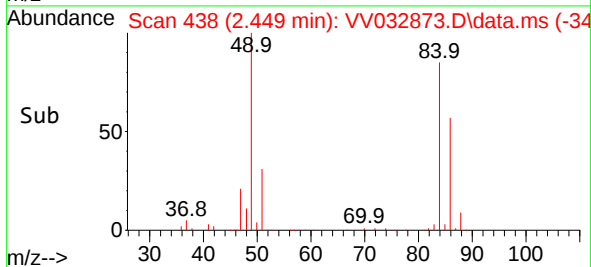
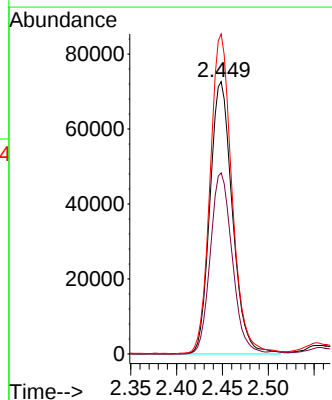
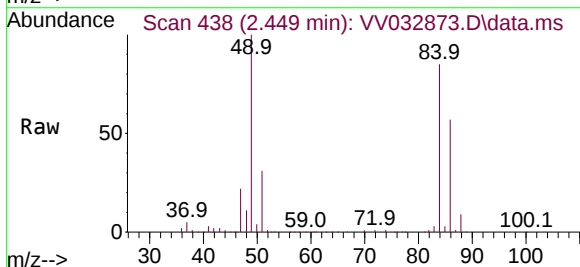
Instrument :
MSVOA_V
ClientSampleId :

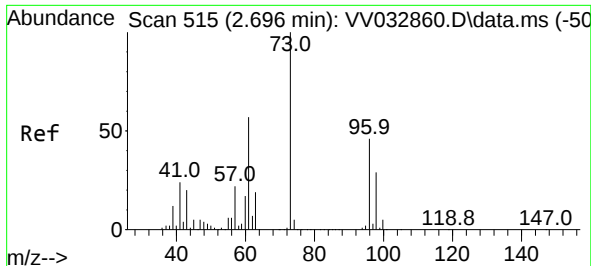
Tgt Ion: 43 Resp: 107043
Ion Ratio Lower Upper
43 100
74 25.1 20.6 30.8



#16
Methylene chloride
Concen: 38.331 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion: 84 Resp: 123391
Ion Ratio Lower Upper
84 100
86 66.5 45.0 83.6
49 117.5 81.2 150.8





#17

trans-1,2-Dichloroethene

Concen: 43.318 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

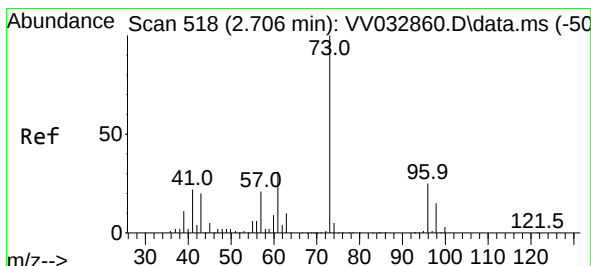
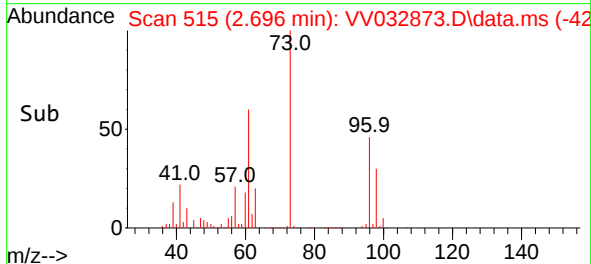
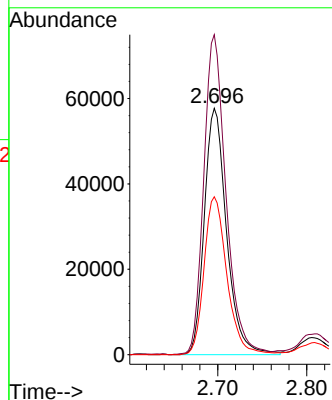
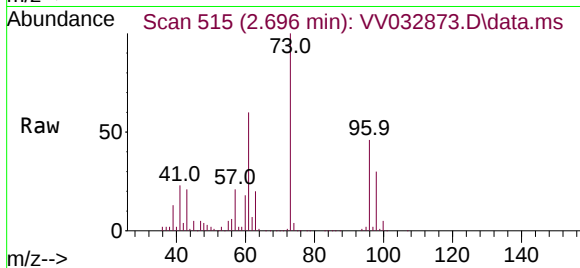
Tgt Ion: 96 Resp: 100338

Ion Ratio Lower Upper

96 100

61 129.9 86.9 161.3

98 64.1 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 49.185 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

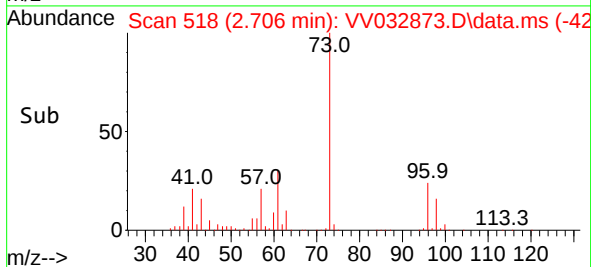
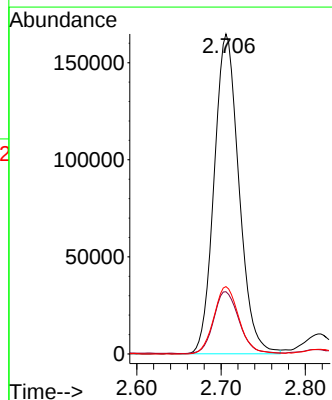
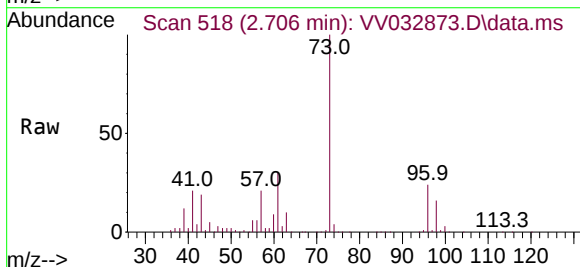
Tgt Ion: 73 Resp: 336456

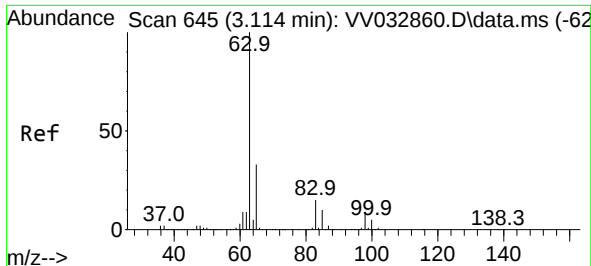
Ion Ratio Lower Upper

73 100

43 19.8 16.1 24.1

57 21.5 17.4 26.0





#19

1,1-Dichloroethane

Concen: 45.163 ug/L

RT: 3.114 min Scan# 645

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

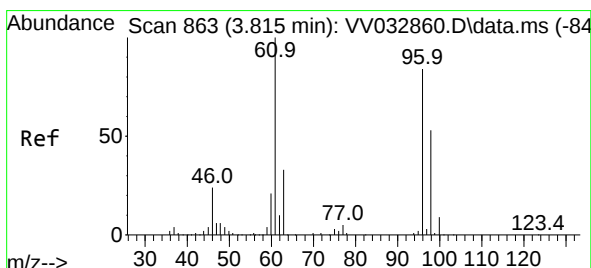
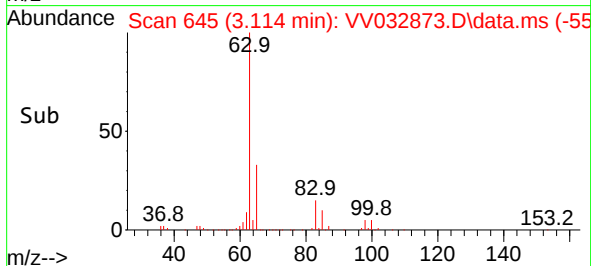
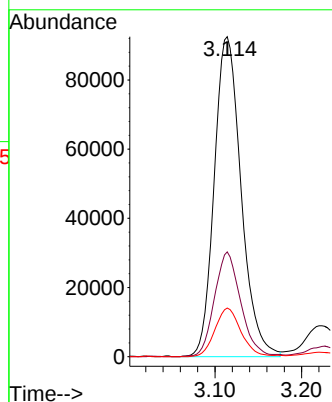
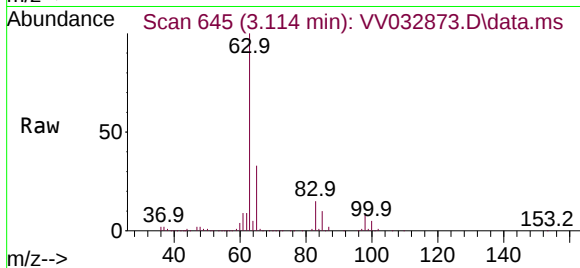
Tgt Ion: 63 Resp: 199361

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.5

83 15.2 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 46.124 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

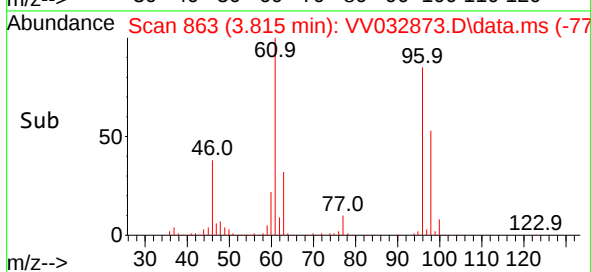
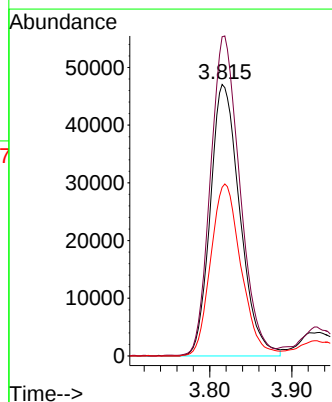
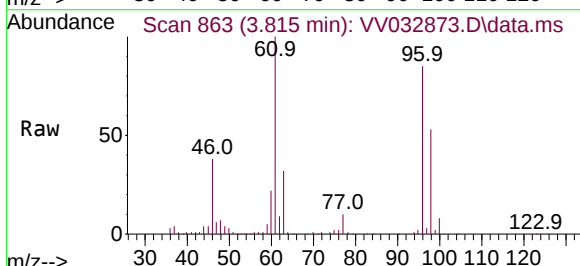
Tgt Ion: 96 Resp: 117992

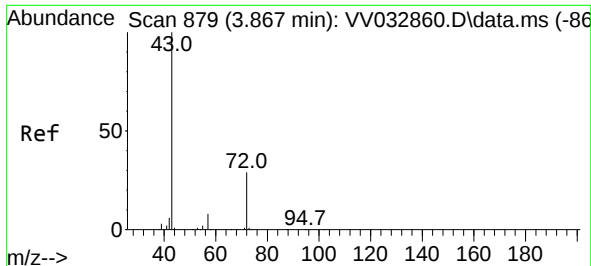
Ion Ratio Lower Upper

96 100

61 117.5 83.3 154.7

98 62.1 44.2 82.2

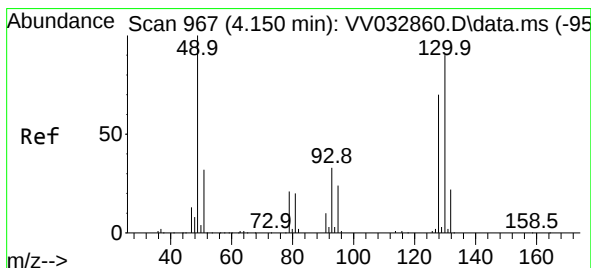
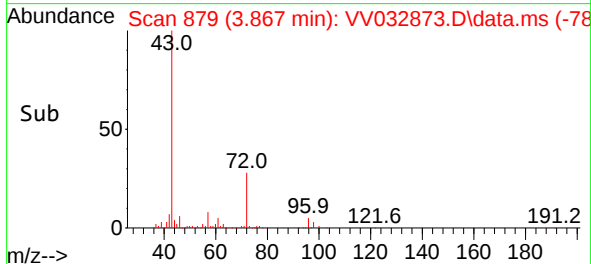
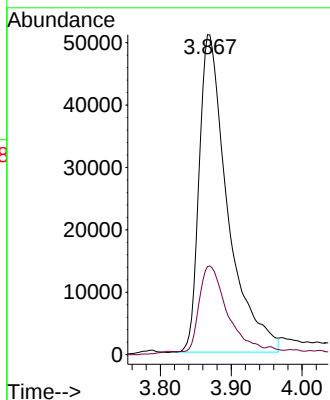
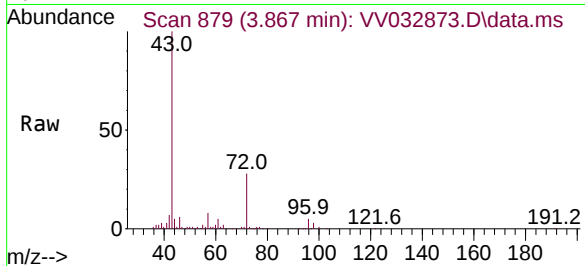




#22
2-Butanone
Concen: 74.825 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

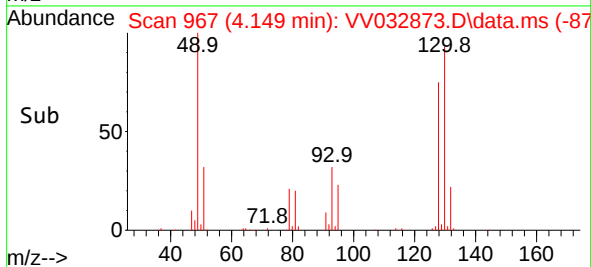
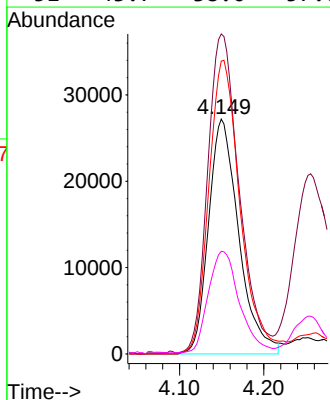
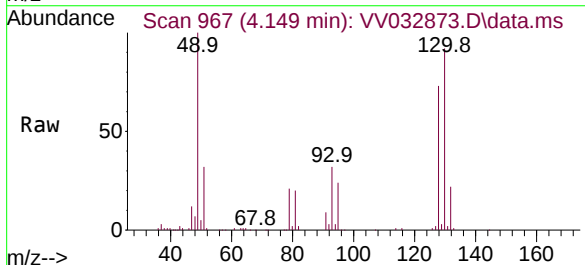
Instrument :
MSVOA_V
ClientSampleId :

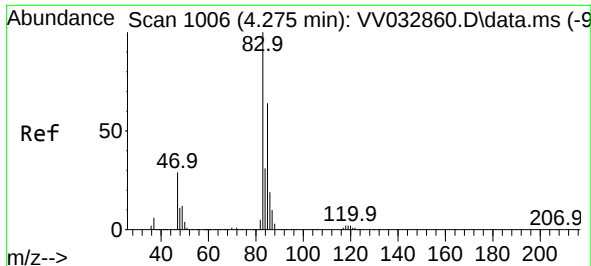
Tgt Ion: 43 Resp: 142184
Ion Ratio Lower Upper
43 100
72 26.5 13.5 40.4



#23
Bromochloromethane
Concen: 47.404 ug/L
RT: 4.149 min Scan# 967
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion:128 Resp: 67684
Ion Ratio Lower Upper
128 100
49 136.2 101.0 187.6
130 124.7 88.5 164.4
51 43.7 38.0 57.0

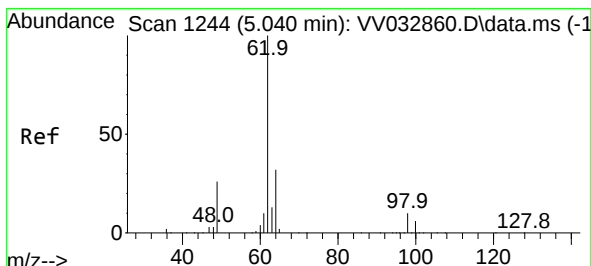
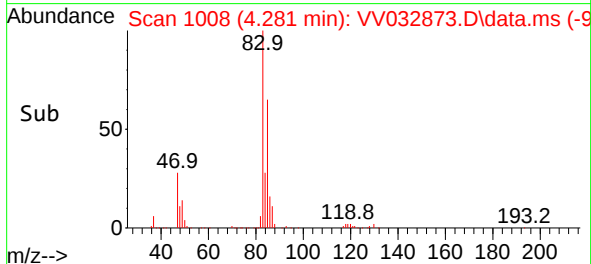
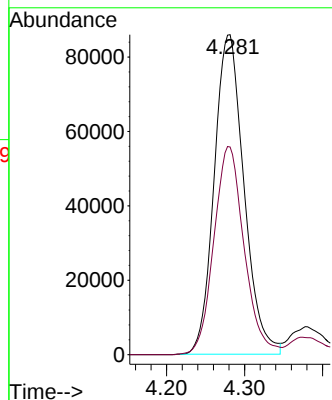
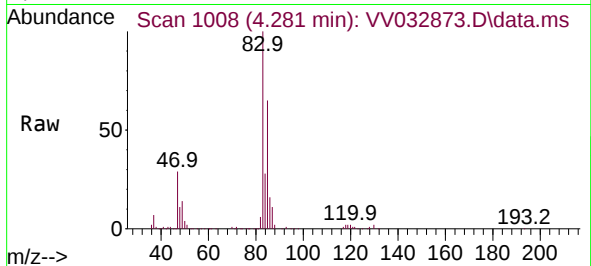




#25
Chloroform
Concen: 45.419 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

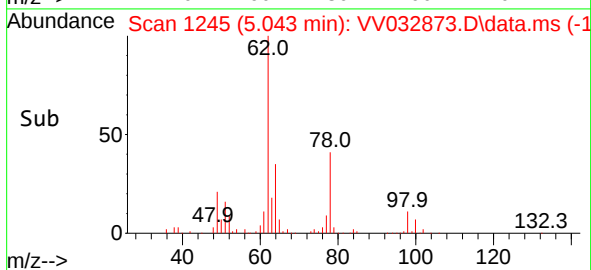
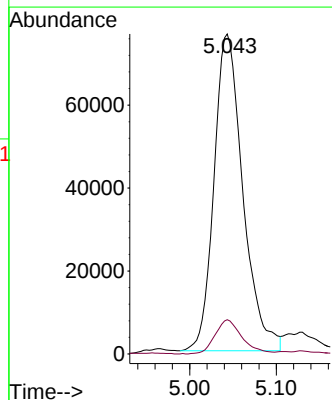
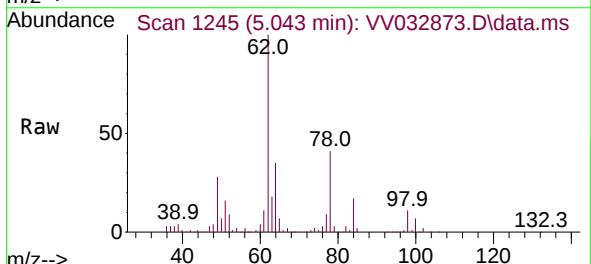
Instrument :
MSVOA_V
ClientSampleId :

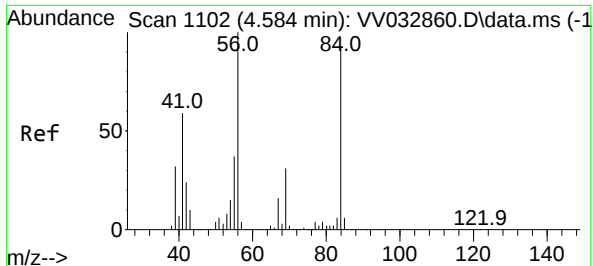
Tgt Ion: 83 Resp: 228510
Ion Ratio Lower Upper
83 100
85 64.9 46.2 85.8



#27
1,2-Dichloroethane
Concen: 48.862 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion: 62 Resp: 177165
Ion Ratio Lower Upper
62 100
98 10.7 7.5 11.3

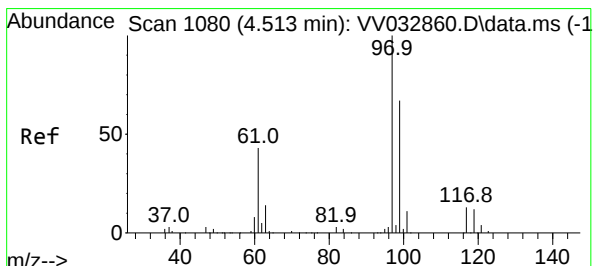
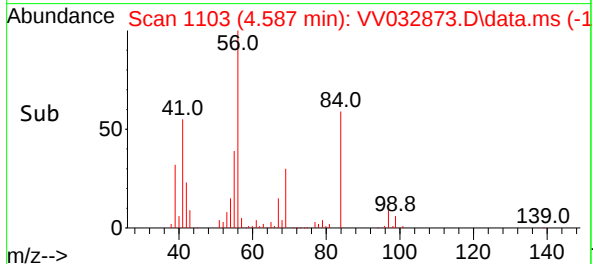
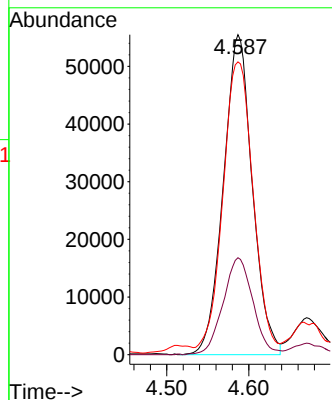
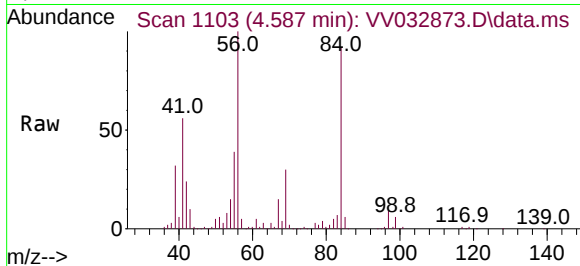




#29
Cyclohexane
Concen: 41.029 ug/L
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

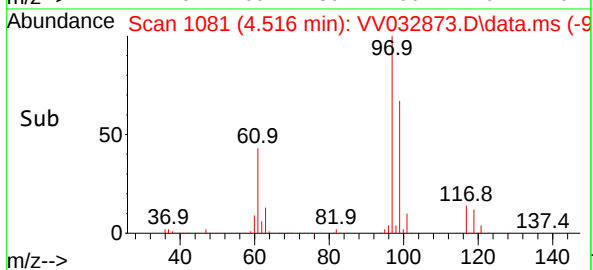
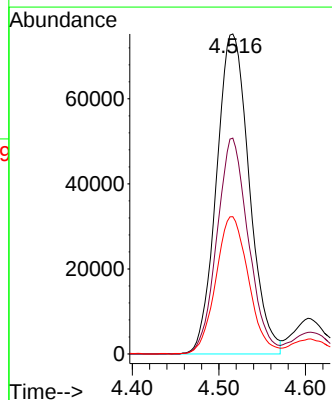
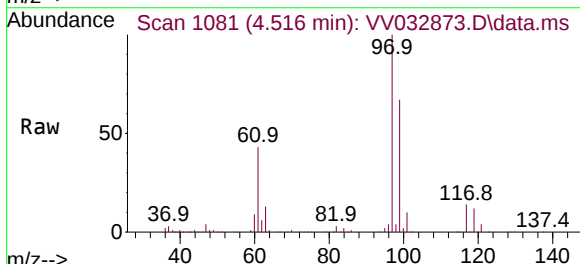
Instrument :
MSVOA_V
ClientSampleId :

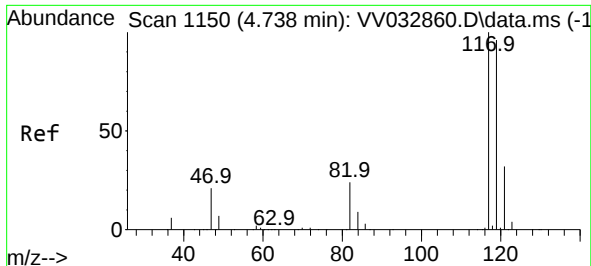
Tgt Ion: 56 Resp: 136351
Ion Ratio Lower Upper
56 100
69 31.1 13.4 20.0#
84 91.0 75.3 112.9



#30
1,1,1-Trichloroethane
Concen: 44.666 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion: 97 Resp: 197876
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 42.5 34.8 52.2

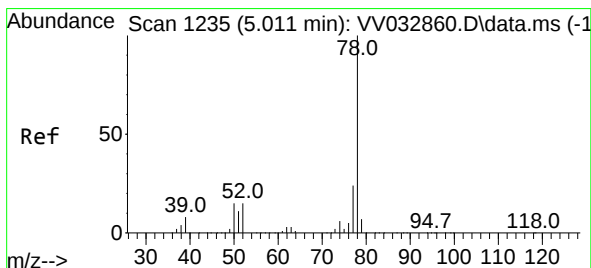
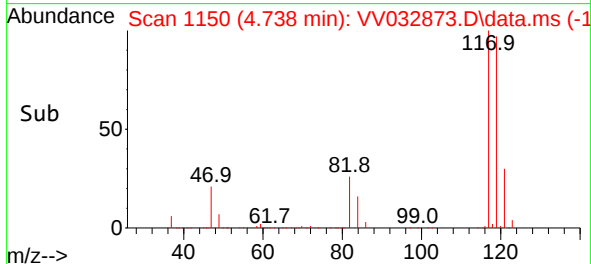
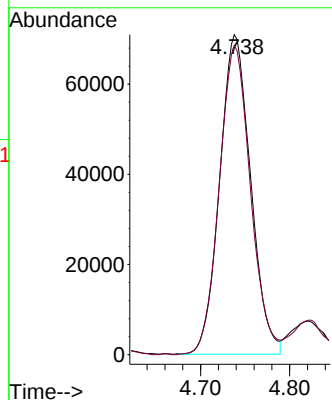
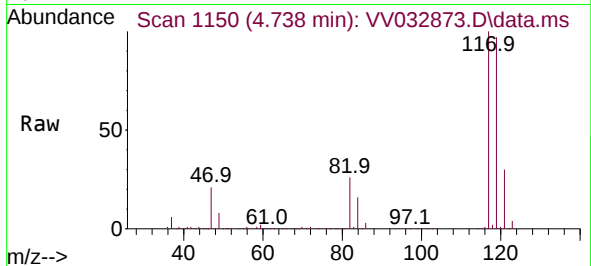




#31
Carbon tetrachloride
Concen: 43.617 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

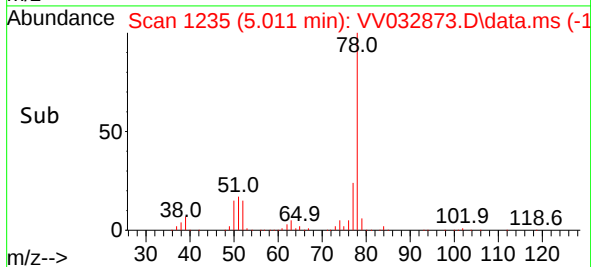
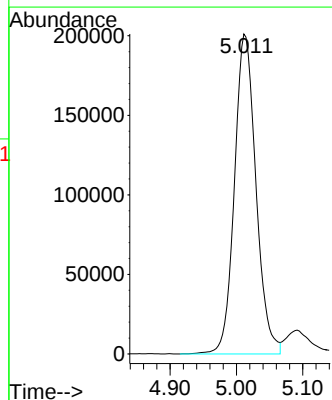
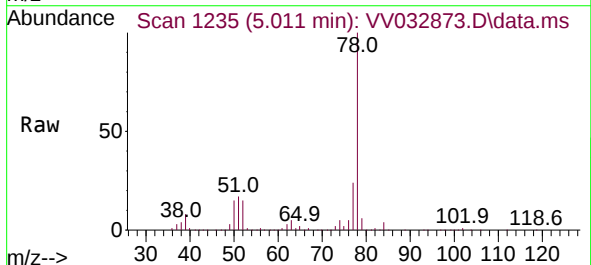
Instrument :
MSVOA_V
ClientSampleId :

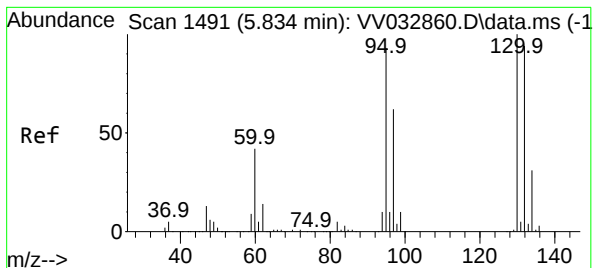
Tgt Ion:117 Resp: 170752
Ion Ratio Lower Upper
117 100
119 97.9 76.6 115.0



#33
Benzene
Concen: 46.308 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion: 78 Resp: 454048





#34

Trichloroethene

Concen: 41.301 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 112729

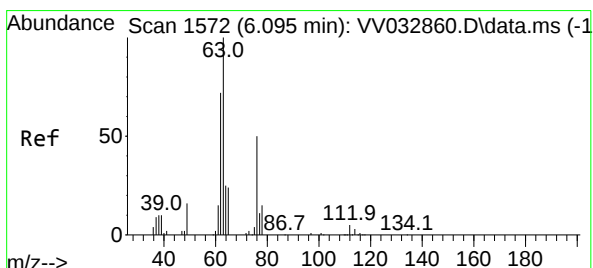
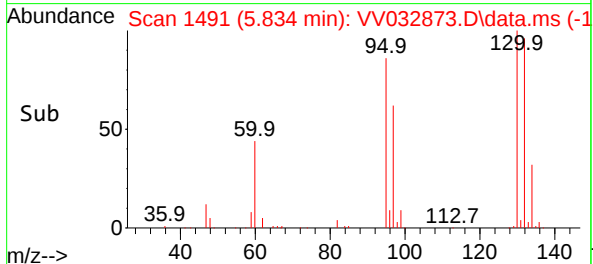
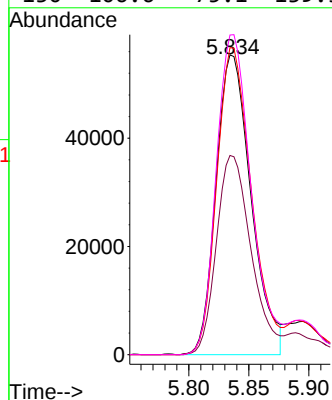
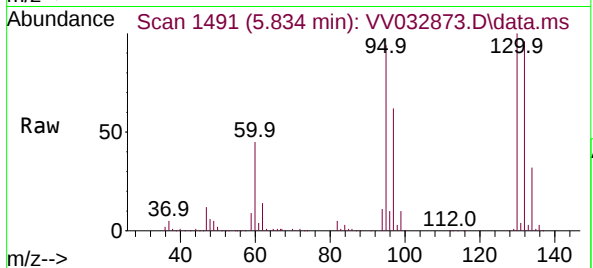
Ion Ratio Lower Upper

95 100

97 66.4 46.3 85.9

132 102.4 69.0 128.2

130 106.6 75.1 139.5



#37

1,2-Dichloropropane

Concen: 42.675 ug/L

RT: 6.095 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VV032873.D

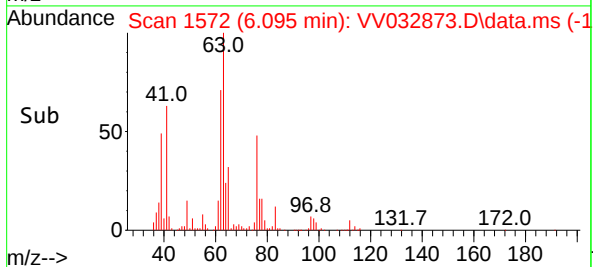
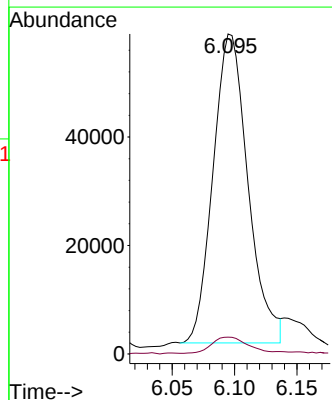
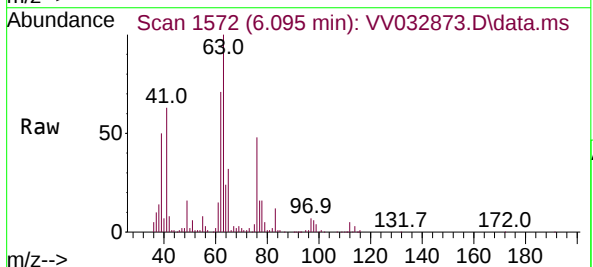
Acq: 07 Nov 2023 16:38

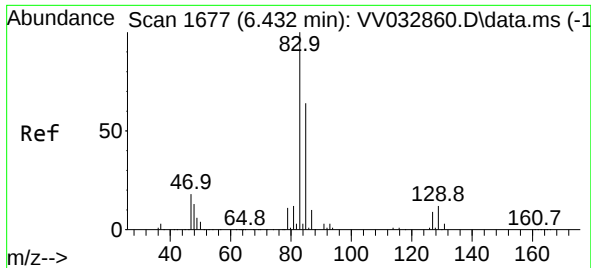
Tgt Ion: 63 Resp: 111072

Ion Ratio Lower Upper

63 100

112 5.4 4.1 6.1

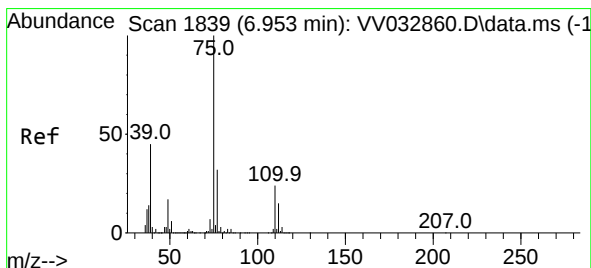
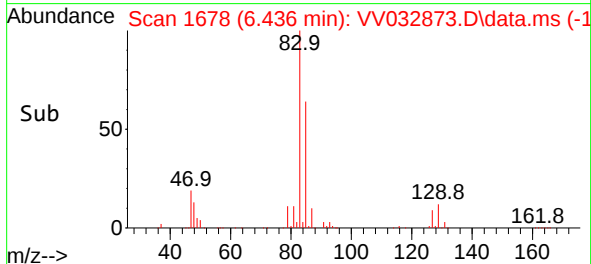
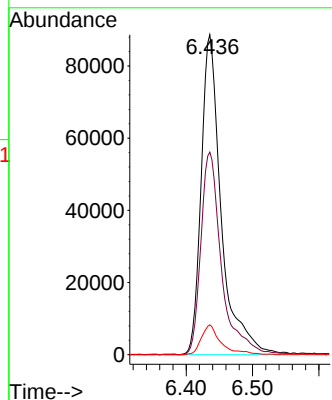
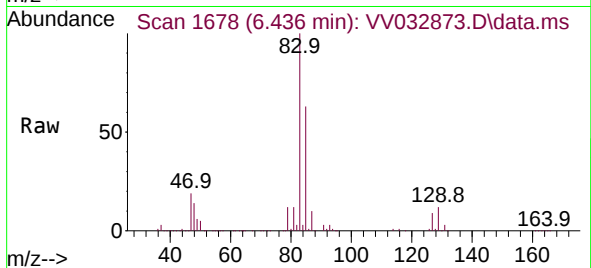




#38
Bromodichloromethane
Concen: 45.684 ug/L
RT: 6.436 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

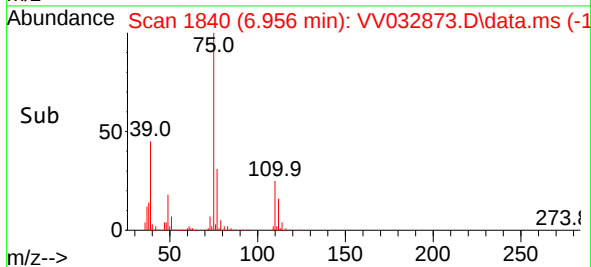
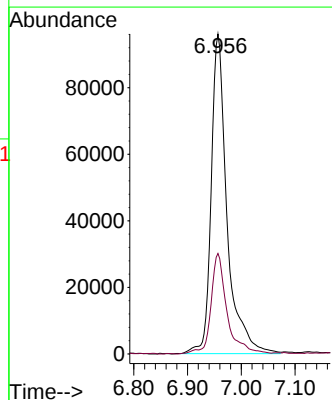
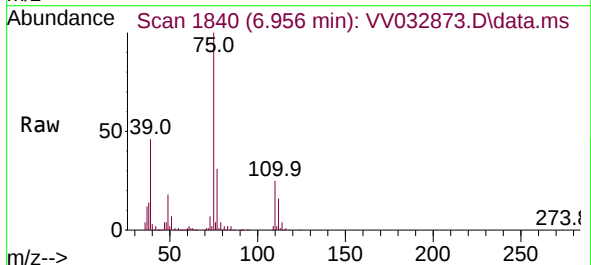
Instrument :
MSVOA_V
ClientSampleId :

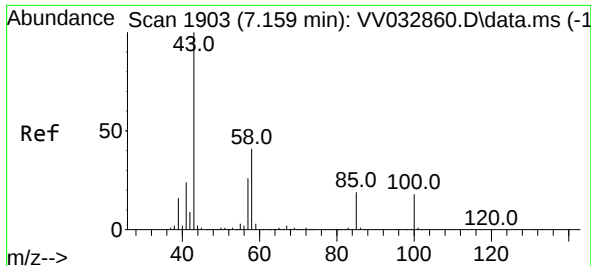
Tgt Ion: 83 Resp: 186535
Ion Ratio Lower Upper
83 100
85 63.3 45.1 83.9
127 9.4 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 50.367 ug/L
RT: 6.956 min Scan# 1840
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion: 75 Resp: 196665
Ion Ratio Lower Upper
75 100
77 31.4 23.0 42.8





#40

4-Methyl-2-pentanone

Concen: 104.326 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

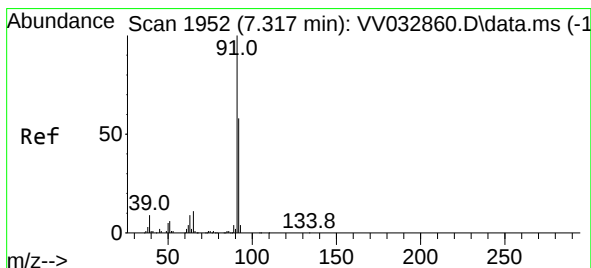
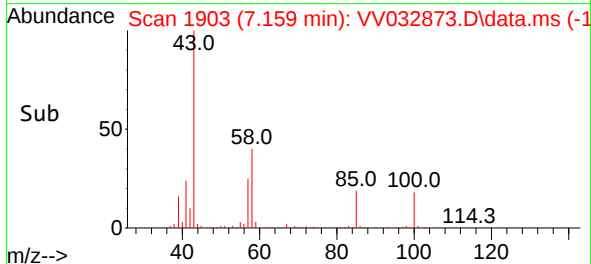
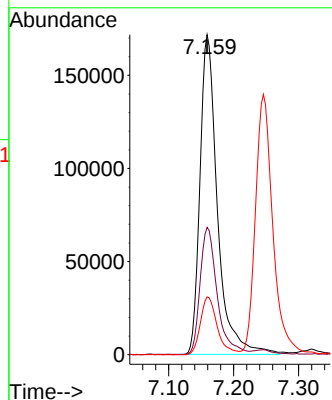
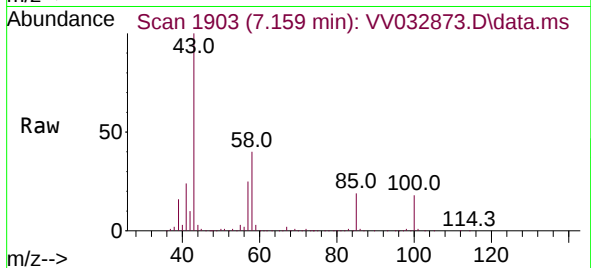
Tgt Ion: 43 Resp: 321792

Ion Ratio Lower Upper

43 100

58 39.0 31.4 47.0

100 17.5 13.3 19.9



#42

Toluene

Concen: 47.875 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032873.D

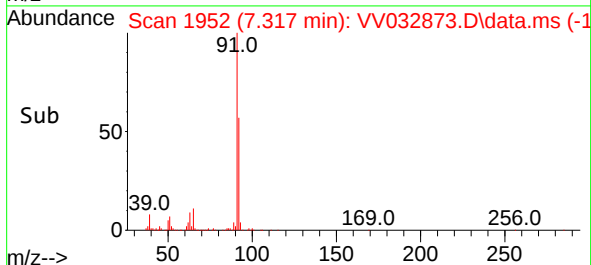
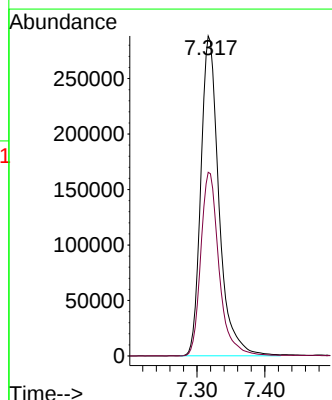
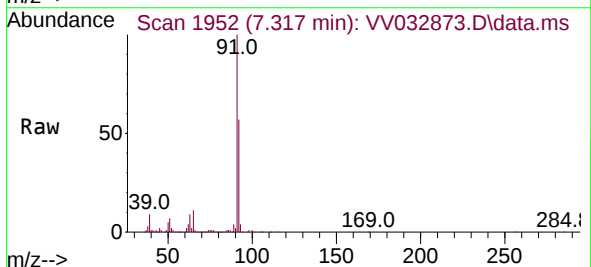
Acq: 07 Nov 2023 16:38

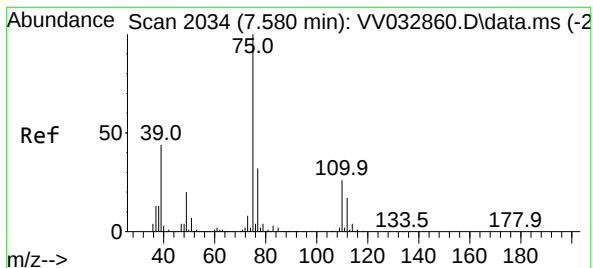
Tgt Ion: 91 Resp: 534584

Ion Ratio Lower Upper

91 100

92 57.4 40.0 74.2





#44

trans-1,3-Dichloropropene

Concen: 47.224 ug/L

RT: 7.583 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

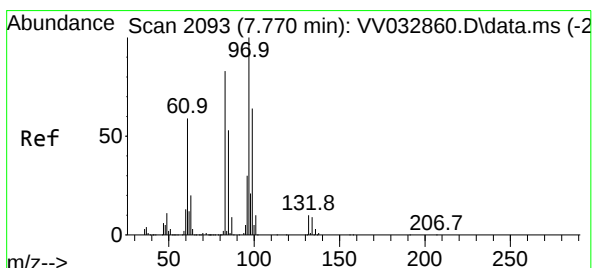
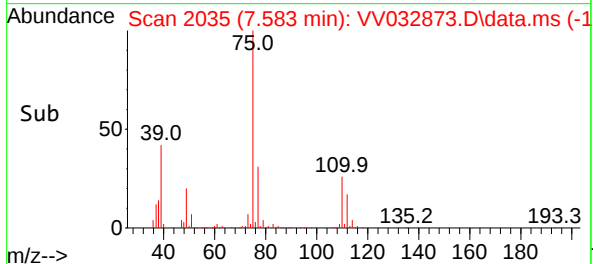
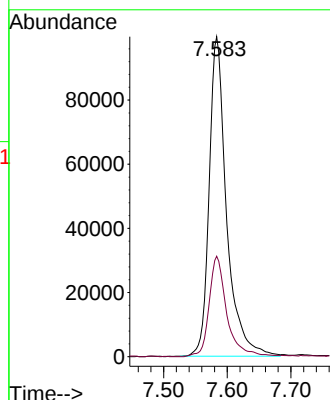
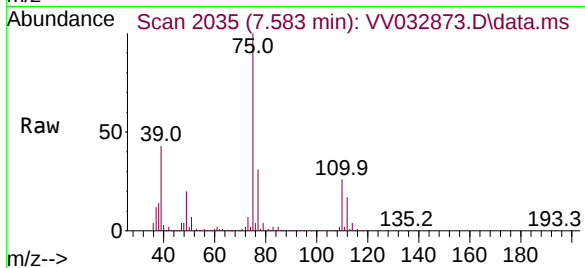
ClientSampleId :

Tgt Ion: 75 Resp: 189395

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 48.322 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Tgt Ion: 97 Resp: 144257

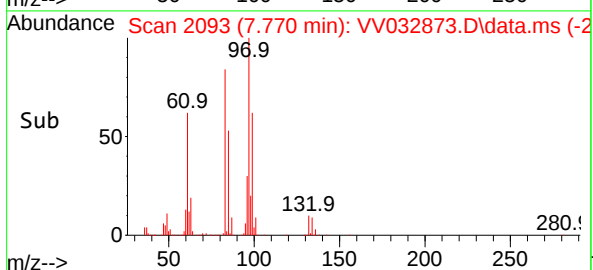
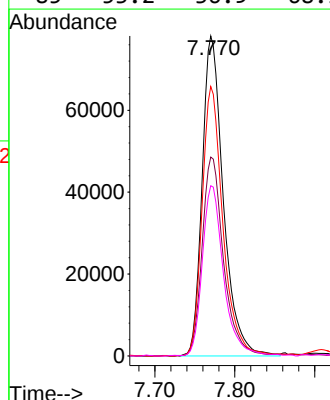
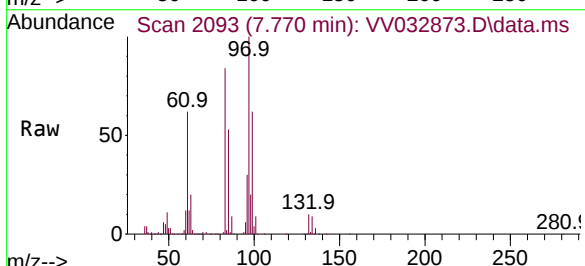
Ion Ratio Lower Upper

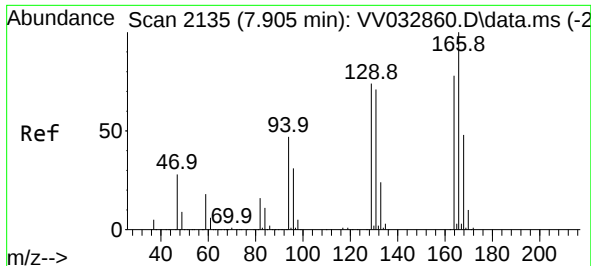
97 100

99 62.1 42.8 79.6

83 84.2 58.4 108.4

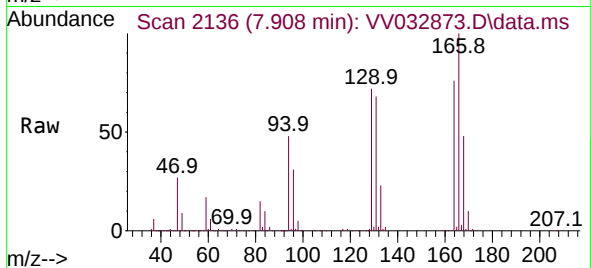
85 53.2 36.9 68.5



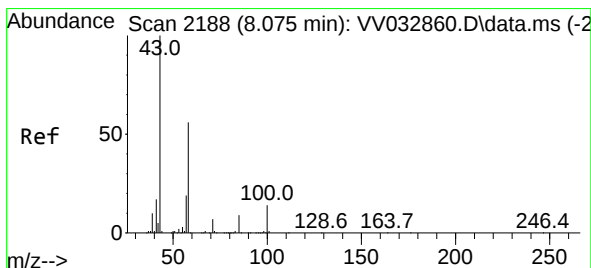
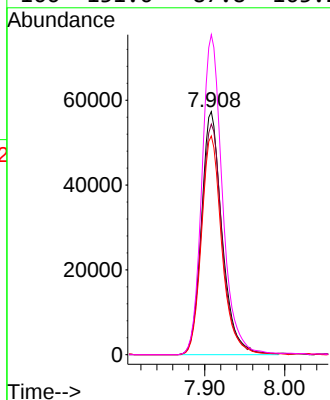
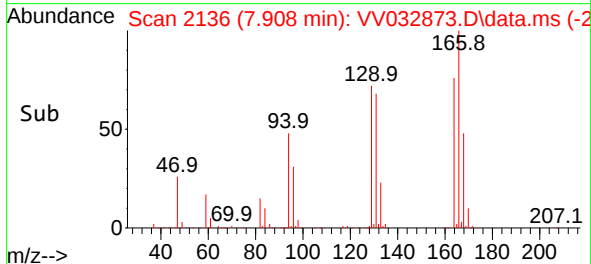


#46
Tetrachloroethene
Concen: 41.964 ug/L
RT: 7.908 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

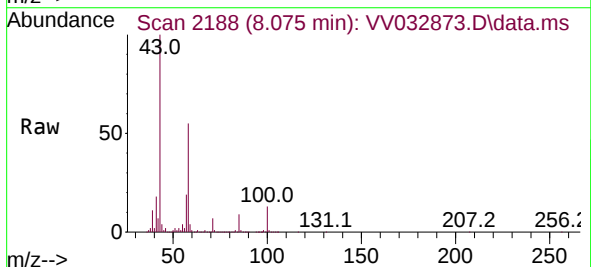
Instrument :
MSVOA_V
ClientSampleId :



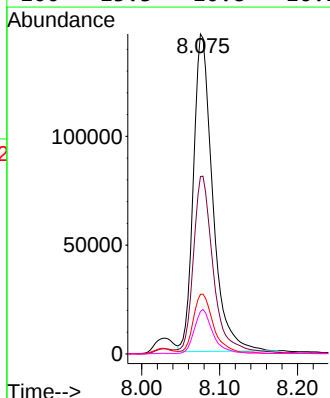
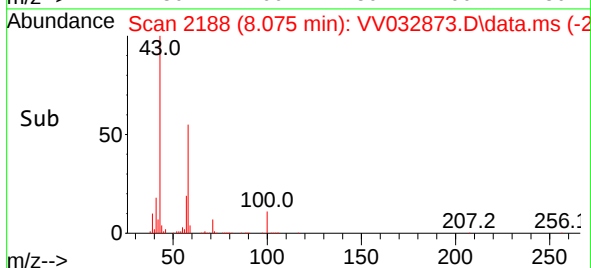
Tgt Ion:164 Resp: 103347
Ion Ratio Lower Upper
164 100
129 94.9 65.3 121.3
131 90.0 65.0 120.8
166 131.6 87.8 163.2

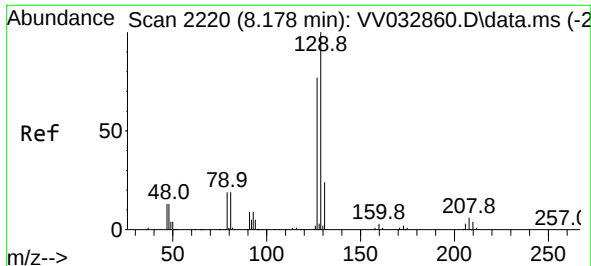


#48
2-Hexanone
Concen: 90.722 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38



Tgt Ion: 43 Resp: 251072
Ion Ratio Lower Upper
43 100
58 57.6 43.3 64.9
57 18.4 15.5 23.3
100 13.3 10.8 16.2

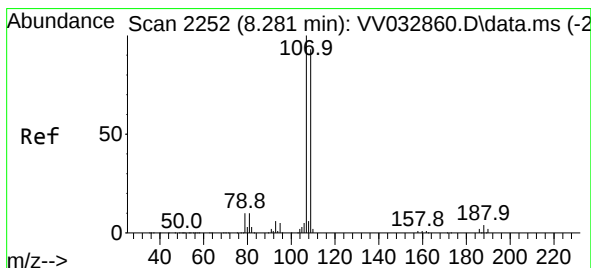
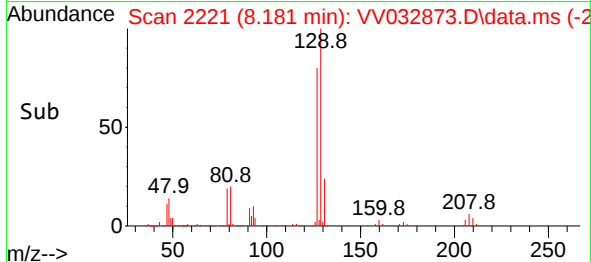
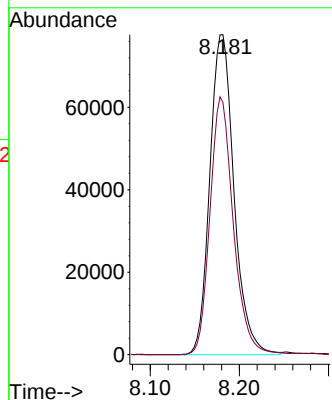
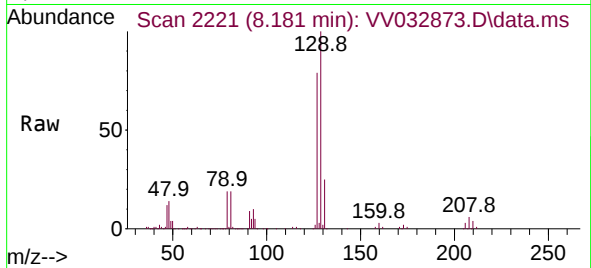




#49
Dibromochloromethane
Concen: 46.931 ug/L
RT: 8.181 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

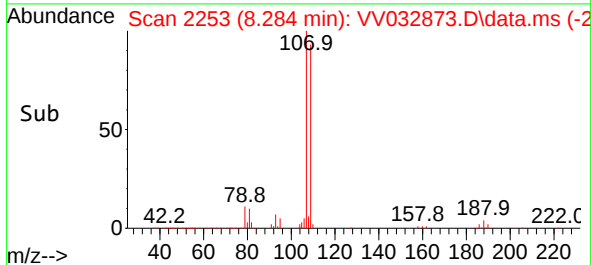
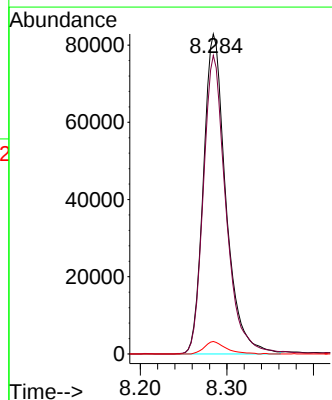
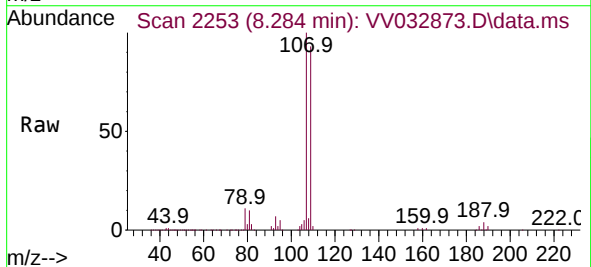
Instrument :
MSVOA_V
ClientSampleId :

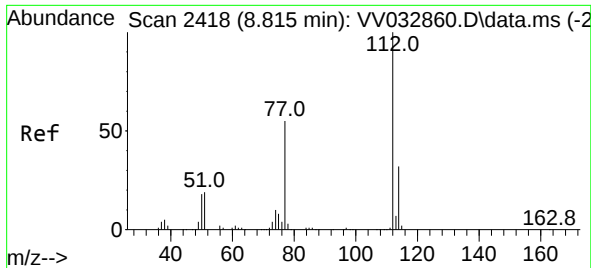
Tgt Ion:129 Resp: 146475
Ion Ratio Lower Upper
129 100
127 78.9 54.7 101.5



#50
1,2-Dibromoethane
Concen: 49.130 ug/L
RT: 8.284 min Scan# 2253
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion:107 Resp: 149424
Ion Ratio Lower Upper
107 100
109 93.3 66.4 123.2
188 3.9 3.0 4.6

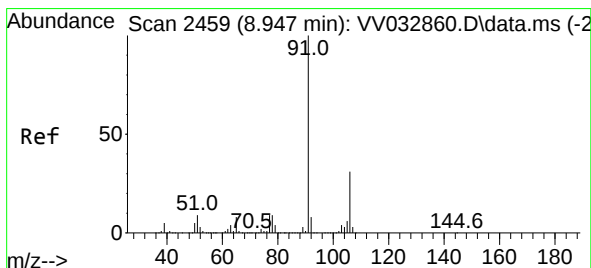
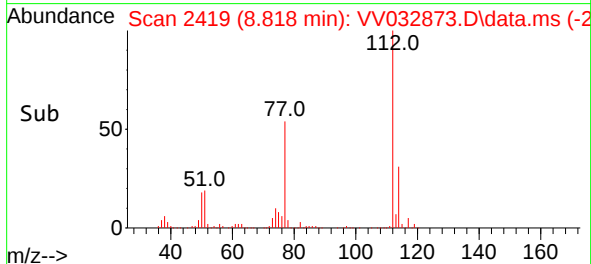
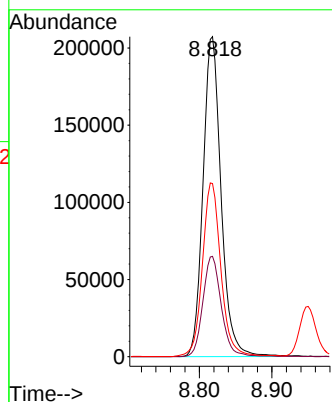
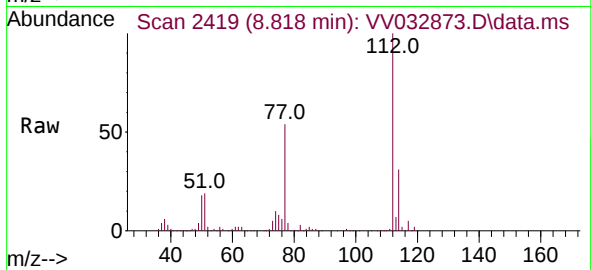




#51
Chlorobenzene
Concen: 45.452 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

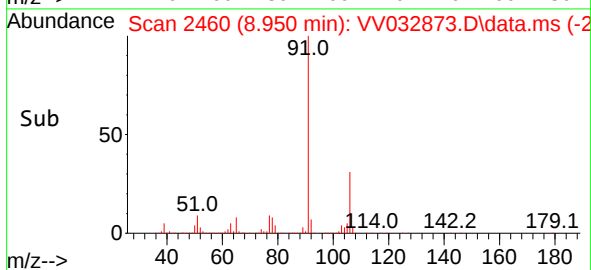
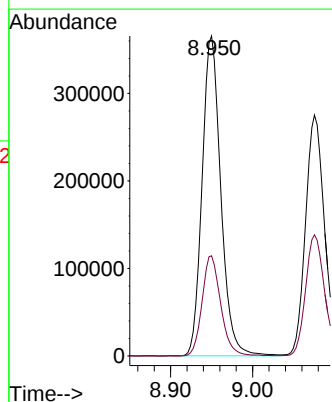
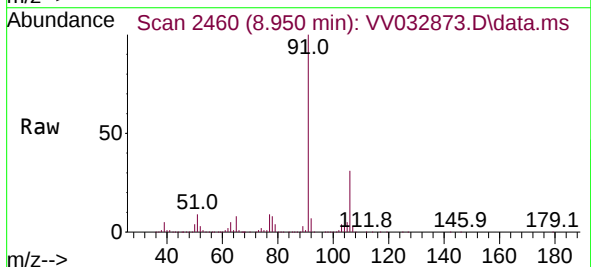
Instrument :
MSVOA_V
ClientSampleId :

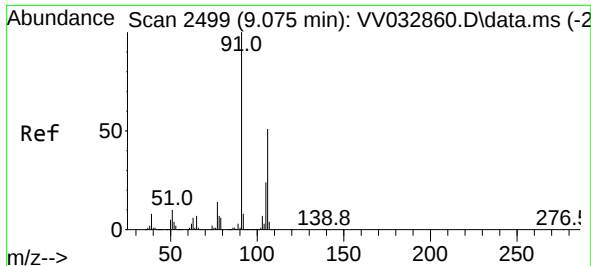
Tgt Ion:112 Resp: 359299
Ion Ratio Lower Upper
112 100
114 31.4 21.6 40.2
77 54.1 44.4 66.6



#52
Ethylbenzene
Concen: 47.003 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion: 91 Resp: 578957
Ion Ratio Lower Upper
91 100
106 31.3 21.7 40.3

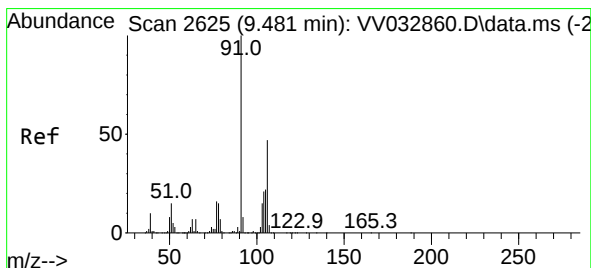
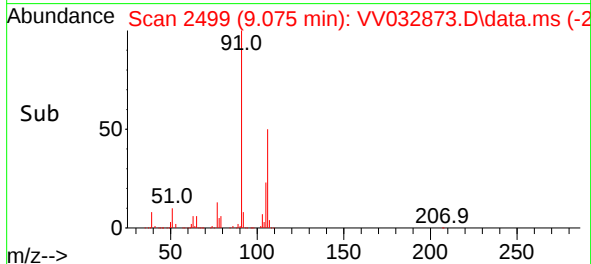
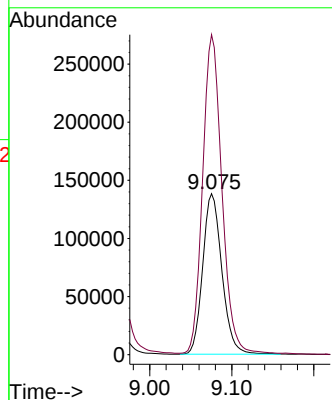
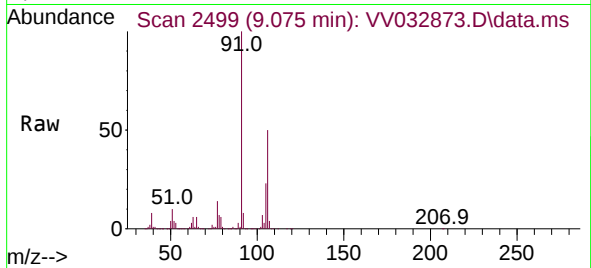




#53
m,p-Xylene
Concen: 47.785 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

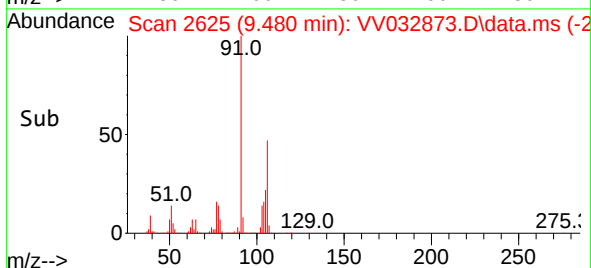
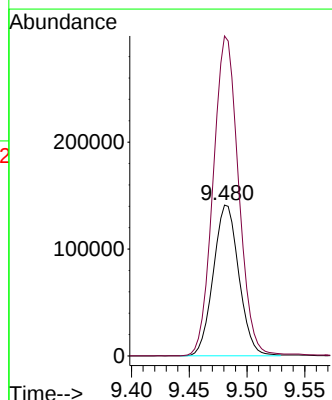
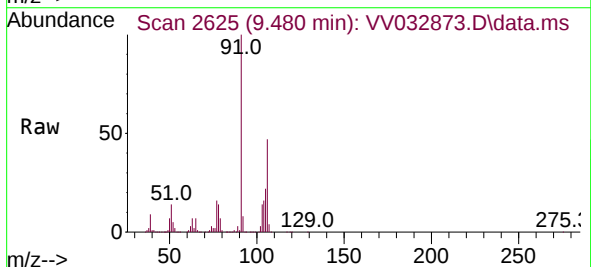
Instrument :
MSVOA_V
ClientSampleId :

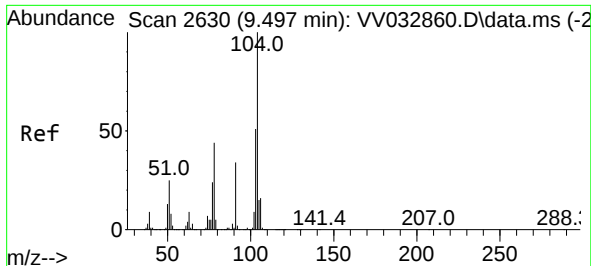
Tgt Ion:106 Resp: 224009
Ion Ratio Lower Upper
106 100
91 198.8 139.7 259.5



#54
o-Xylene
Concen: 47.849 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion:106 Resp: 217304
Ion Ratio Lower Upper
106 100
91 212.1 151.0 280.4

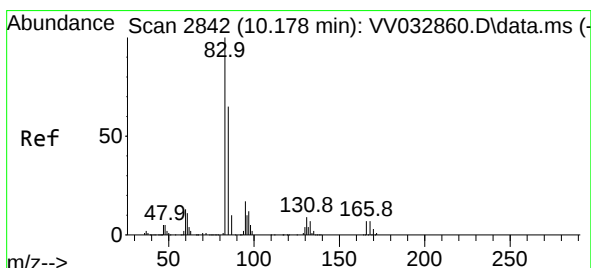
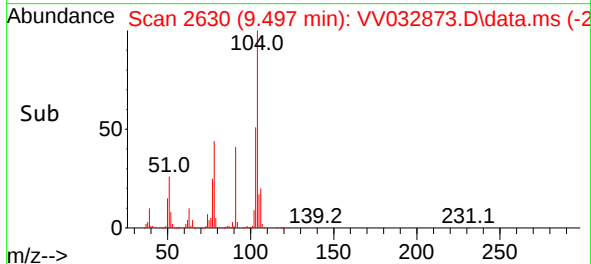
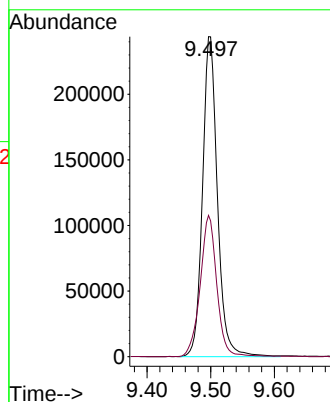
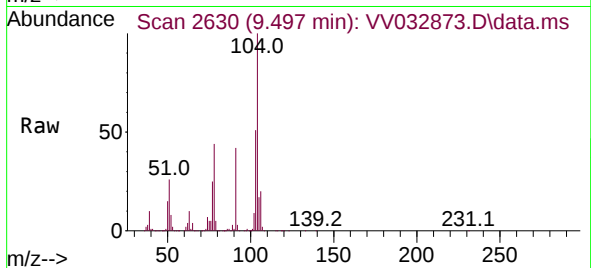




#55
Styrene
Concen: 50.170 ug/L
RT: 9.497 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

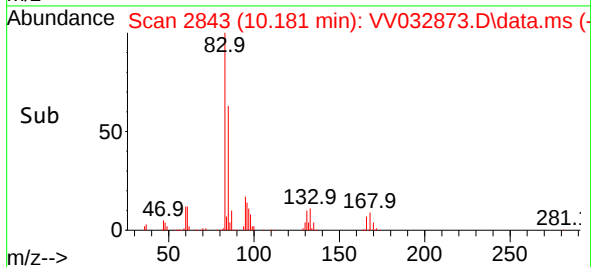
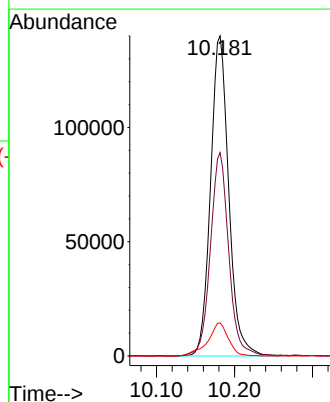
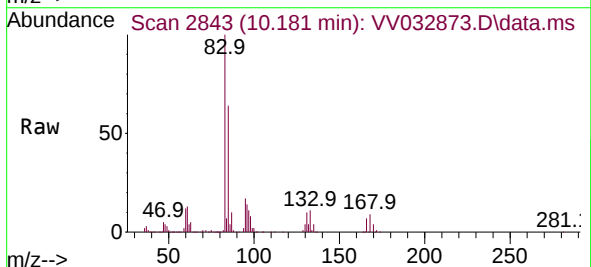
Instrument :
MSVOA_V
ClientSampleId :

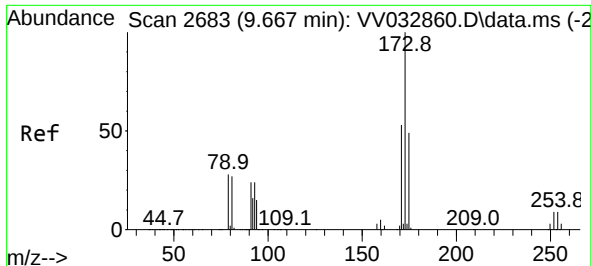
Tgt Ion:104 Resp: 397067
Ion Ratio Lower Upper
104 100
78 44.2 30.1 55.9



#57
1,1,2,2-Tetrachloroethane
Concen: 50.751 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

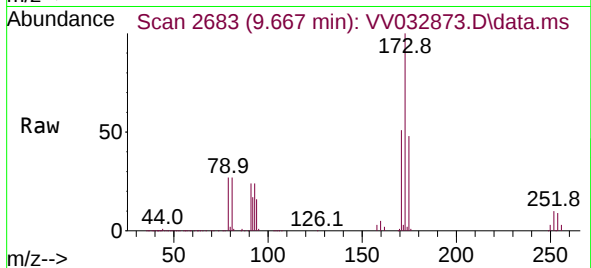
Tgt Ion: 83 Resp: 226914
Ion Ratio Lower Upper
83 100
85 63.5 44.9 83.3
131 10.4 7.8 11.6



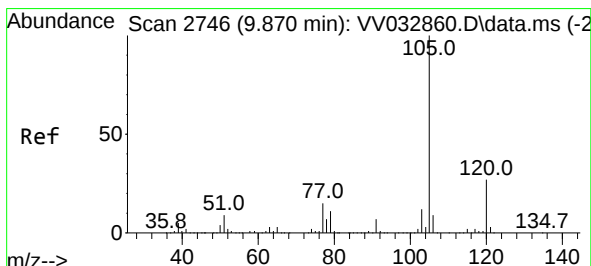
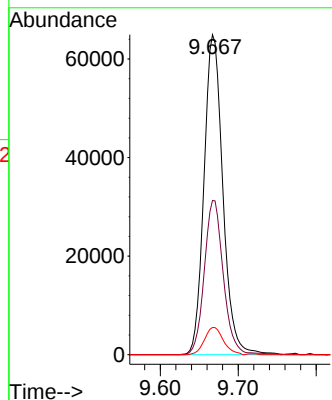
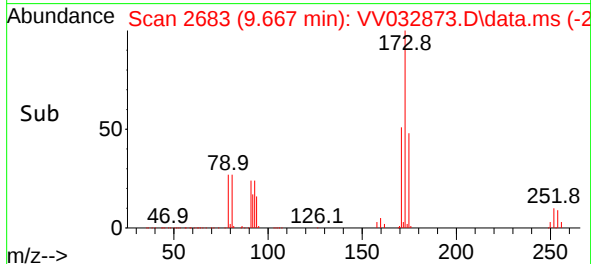


#59
Bromoform
Concen: 46.347 ug/L
RT: 9.667 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Instrument :
MSVOA_V
ClientSampleId :

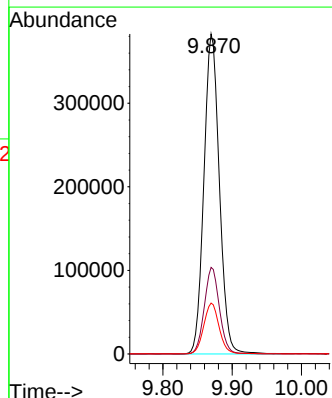
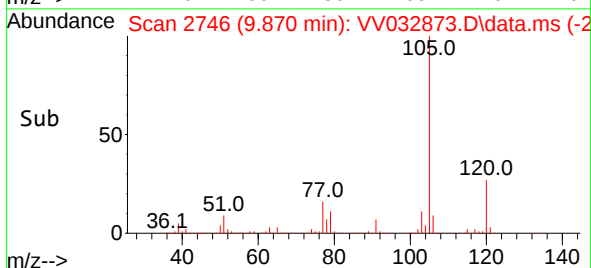
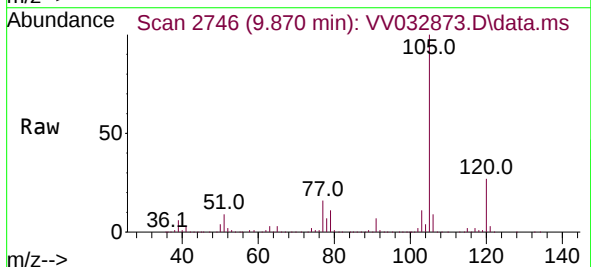


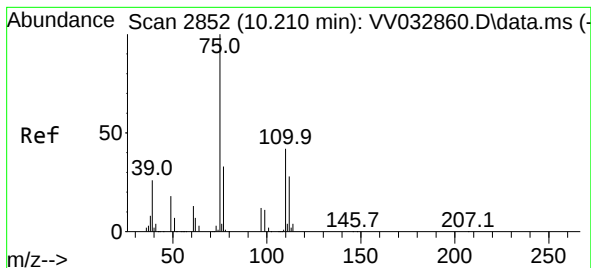
Tgt Ion:173 Resp: 109263
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 8.5 7.0 10.6



#60
Isopropylbenzene
Concen: 46.435 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion:105 Resp: 592114
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 15.7 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 46.844 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

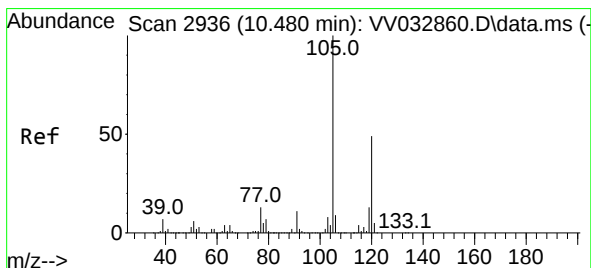
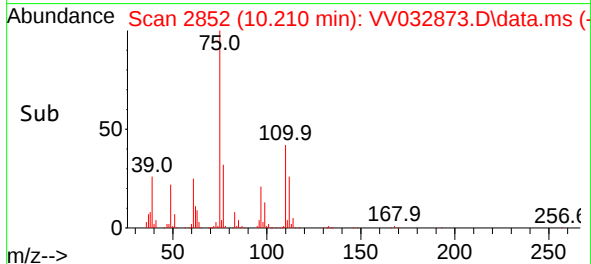
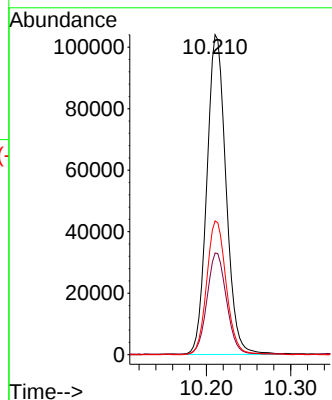
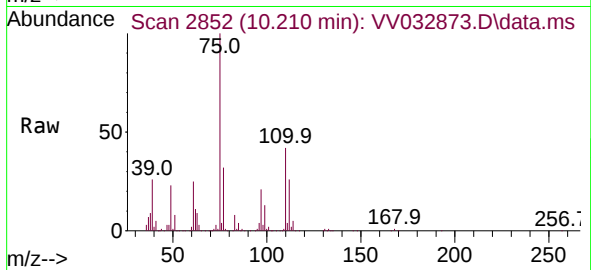
Tgt Ion: 75 Resp: 164522

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

110 42.5 34.3 51.5



#62

1,3,5-Trimethylbenzene

Concen: 46.597 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV032873.D

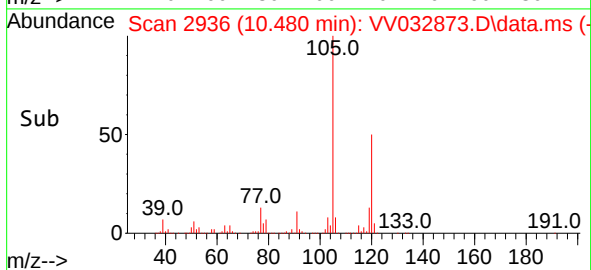
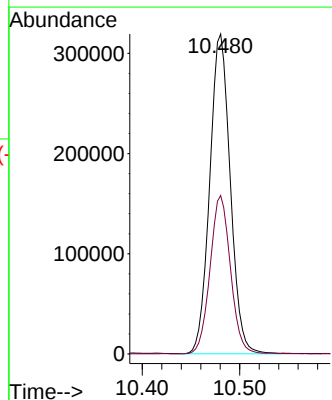
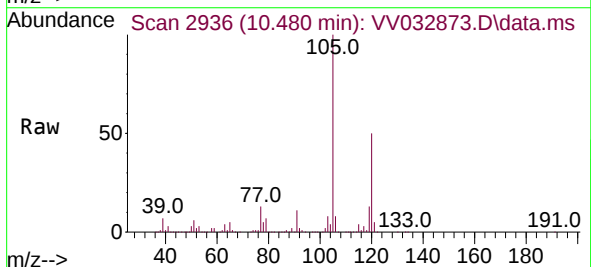
Acq: 07 Nov 2023 16:38

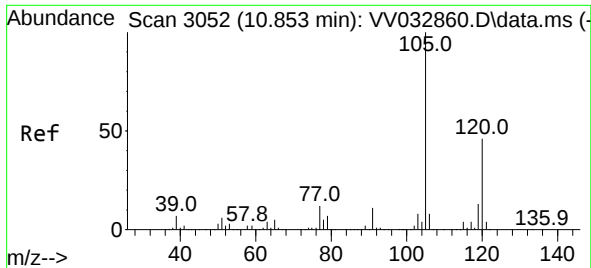
Tgt Ion: 105 Resp: 467568

Ion Ratio Lower Upper

105 100

120 49.5 39.9 59.9

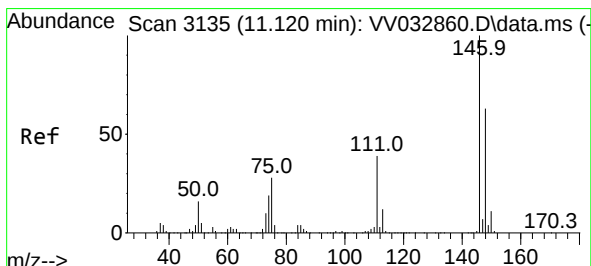
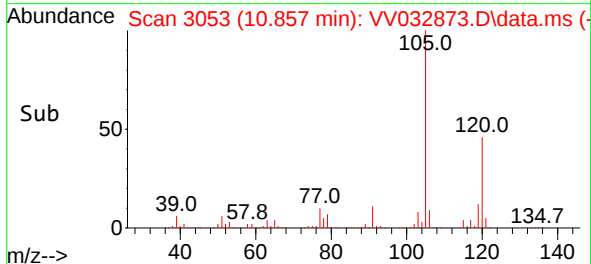
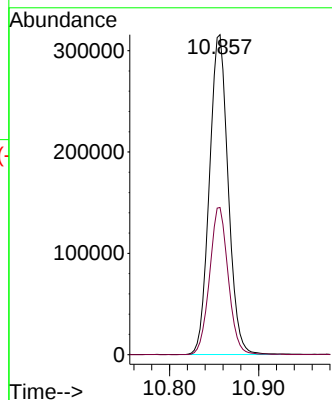
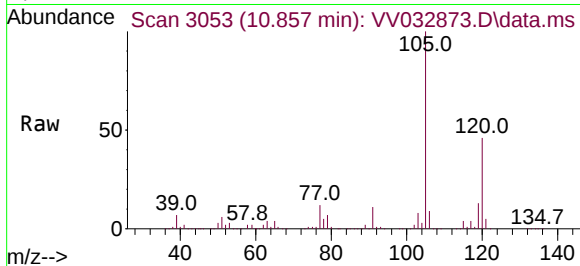




#63
1,2,4-Trimethylbenzene
Concen: 48.032 ug/L
RT: 10.857 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

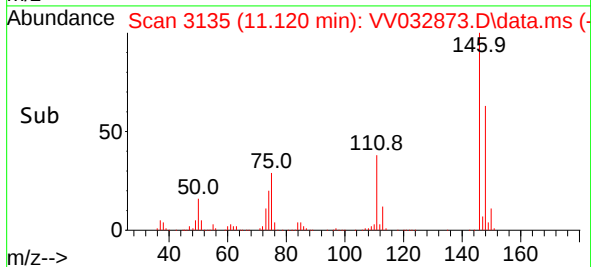
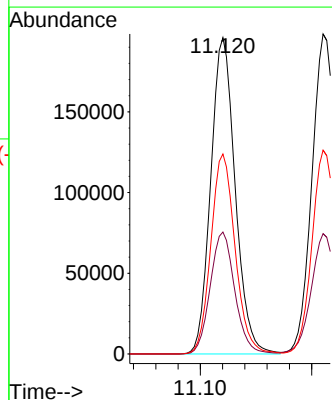
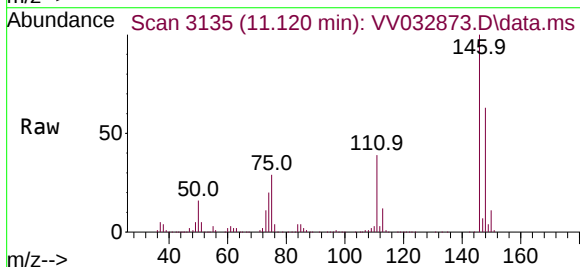
Instrument :
MSVOA_V
ClientSampleId :

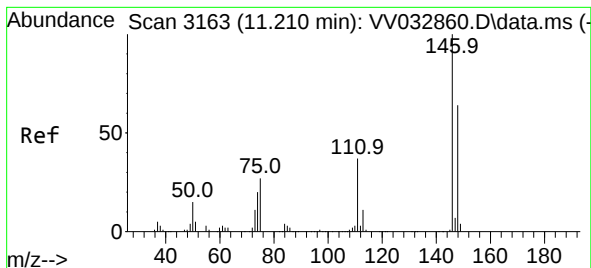
Tgt Ion:105 Resp: 461048
Ion Ratio Lower Upper
105 100
120 45.8 37.0 55.6



#64
1,3-Dichlorobenzene
Concen: 45.015 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion:146 Resp: 299038
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 63.3 44.6 82.8





#65

1,4-Dichlorobenzene

Concen: 44.303 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

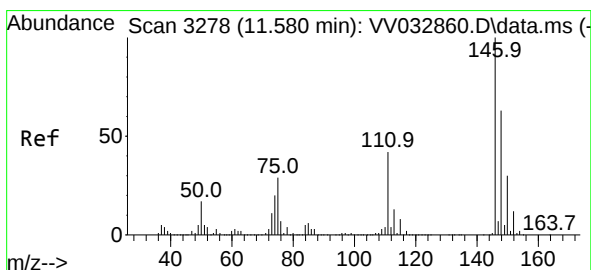
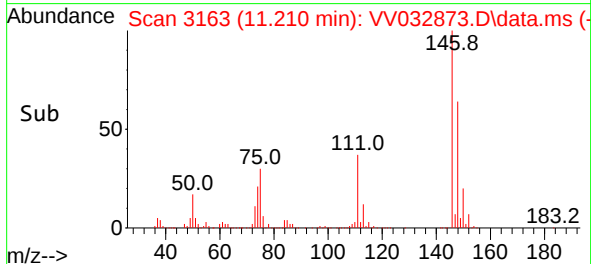
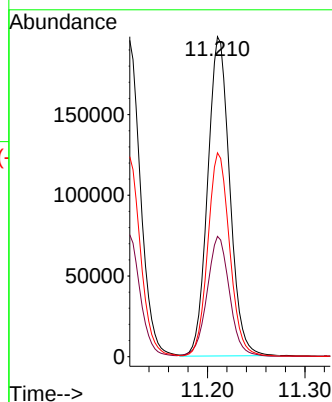
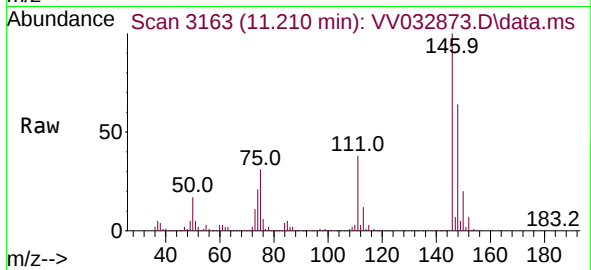
Tgt Ion:146 Resp: 310532

Ion Ratio Lower Upper

146 100

111 37.6 26.5 49.1

148 63.7 44.9 83.5



#67

1,2-Dichlorobenzene

Concen: 44.599 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

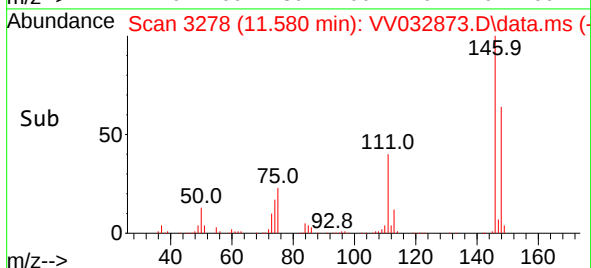
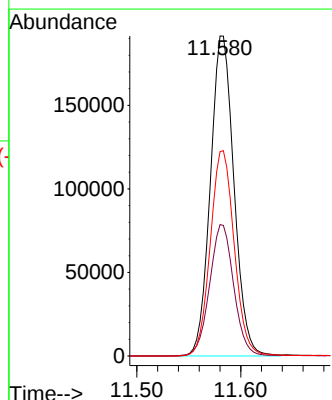
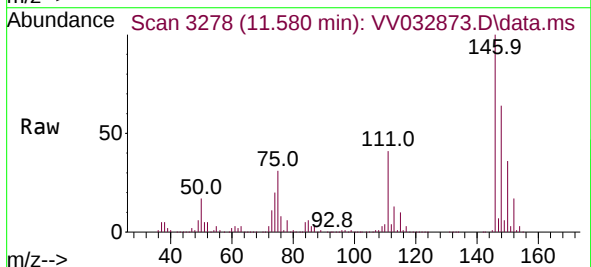
Tgt Ion:146 Resp: 302460

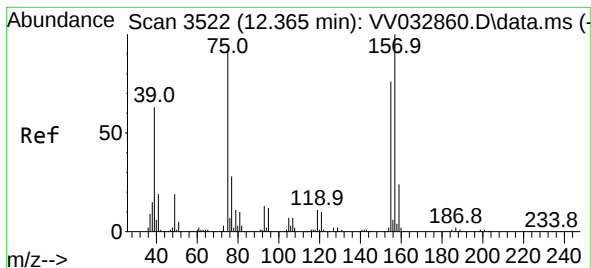
Ion Ratio Lower Upper

146 100

111 41.0 32.5 48.7

148 63.9 50.6 76.0

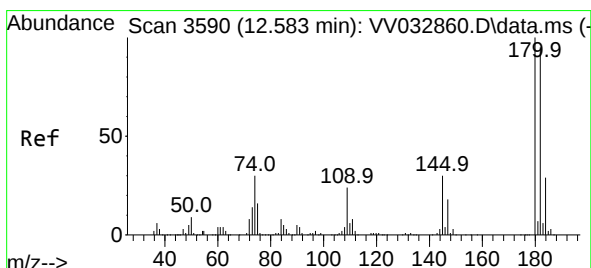
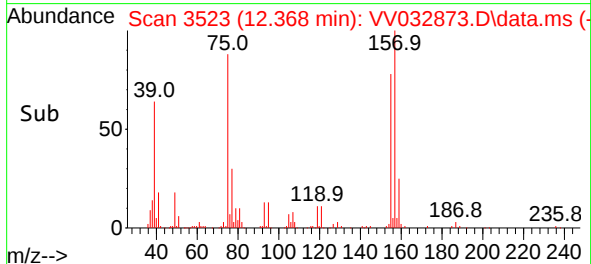
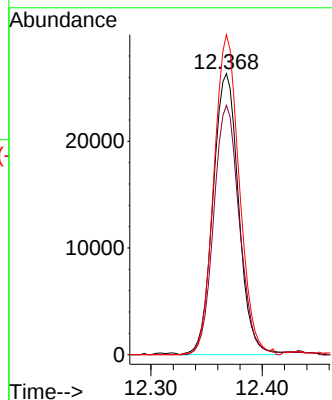
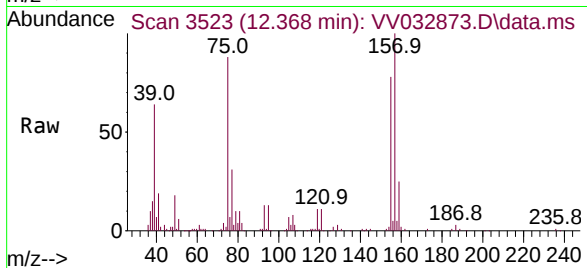




#68
 1,2-Dibromo-3-chloropropane
 Concen: 46.030 ug/L
 RT: 12.368 min Scan# 3522
 Delta R.T. 0.003 min
 Lab File: VV032873.D
 Acq: 07 Nov 2023 16:38

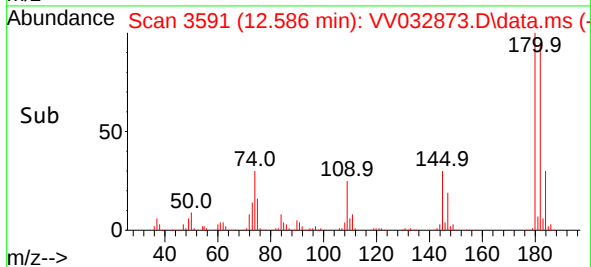
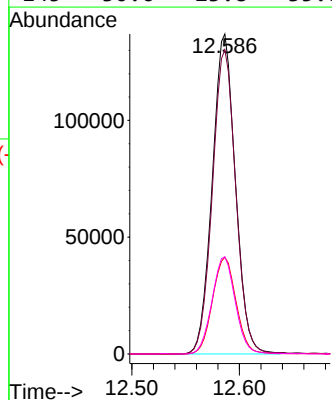
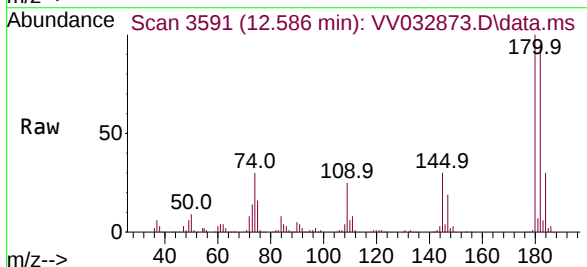
Instrument :
 MSVOA_V
 ClientSampleId :

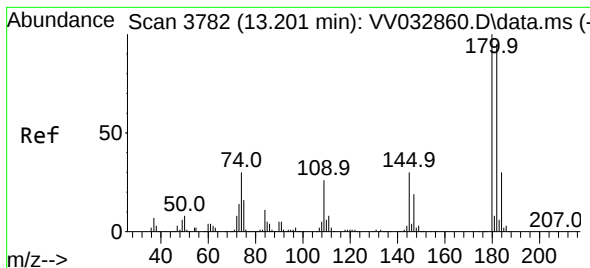
Tgt Ion: 75 Resp: 42074
 Ion Ratio Lower Upper
 75 100
 155 88.7 68.6 102.8
 157 113.8 87.3 130.9



#69
 1,3,5-Trichlorobenzene
 Concen: 42.682 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. 0.003 min
 Lab File: VV032873.D
 Acq: 07 Nov 2023 16:38

Tgt Ion:180 Resp: 204691
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.9 113.9
 184 30.7 23.5 35.3
 145 30.6 23.8 35.8





#70

1,2,4-trichlorobenzene

Concen: 43.710 ug/L

RT: 13.201 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

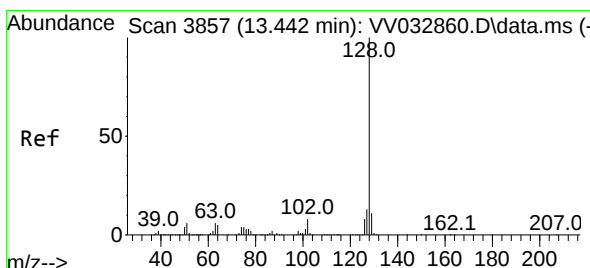
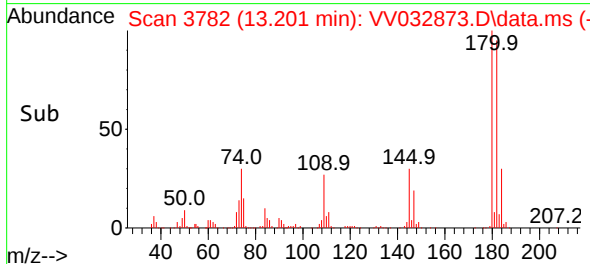
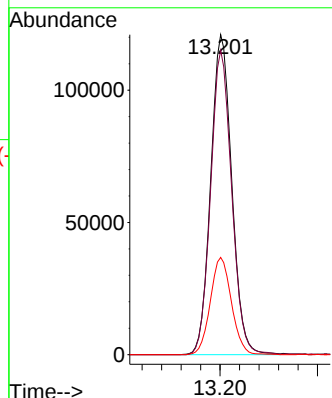
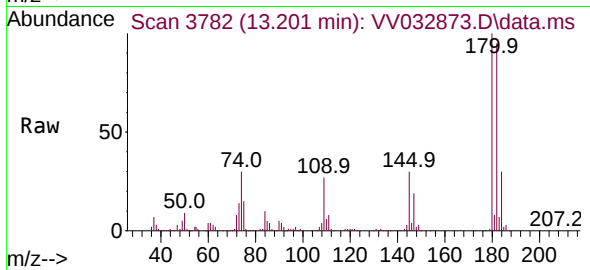
Tgt Ion:180 Resp: 181285

Ion Ratio Lower Upper

180 100

182 95.0 76.9 115.3

145 30.5 24.7 37.1



#71

Naphthalene

Concen: 49.715 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

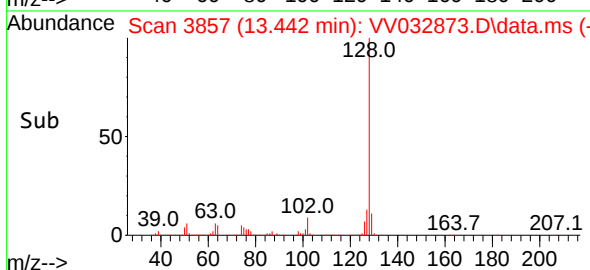
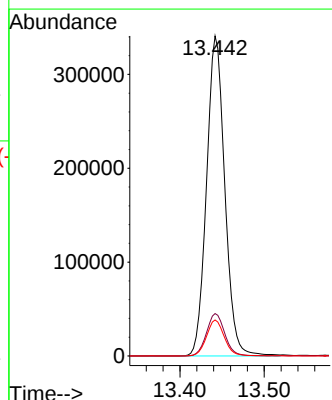
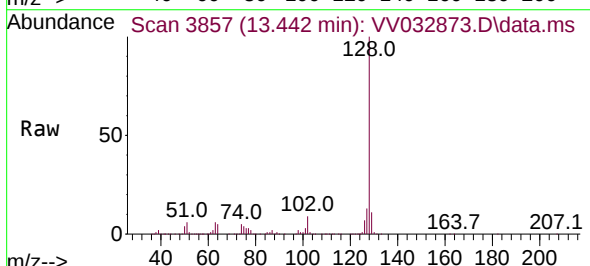
Tgt Ion:128 Resp: 514899

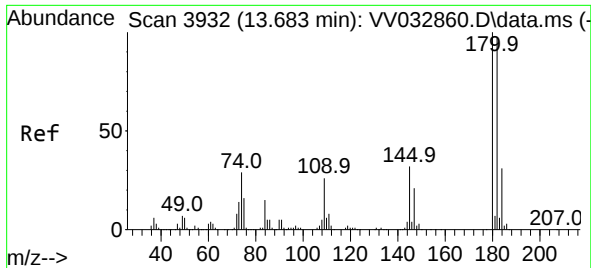
Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

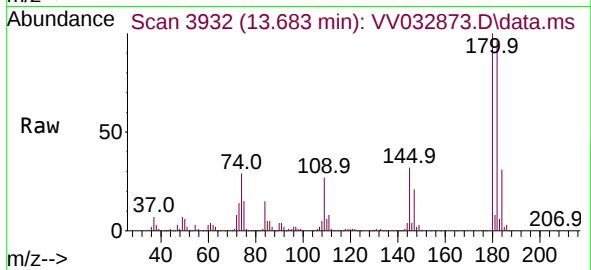
129 11.0 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 47.757 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. -0.000 min
 Lab File: VV032873.D
 Acq: 07 Nov 2023 16:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 197757
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.2 114.4
 145 32.6 25.8 38.8

