

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032924.D
 Acq On : 13 Nov 2023 11:31
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 22:50:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 13 22:47:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	437073	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	450457	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	267818	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	727957	196.925	ug/L	0.00
7) Chloroethane-d5	1.523	69	610147	199.213	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	317752	197.288	ug/L	0.00
21) 2-Butanone-d5	3.773	46	707199	471.079	ug/L	0.00
24) Chloroform-d	4.246	84	1301737	203.836	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	797230	205.164	ug/L	0.00
32) Benzene-d6	4.956	84	2519387	205.066	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	742672	207.966	ug/L	0.00
41) Toluene-d8	7.243	98	2392174	211.192	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	426709	225.077	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	660387	513.985	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	1135022	216.967	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	1087803	209.033	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	709046	187.609	ug/L	100
3) Chloromethane	1.214	50	715219	191.522	ug/L	99
5) Vinyl chloride	1.281	62	731467	194.668	ug/L	99
6) Bromomethane	1.471	94	524557	210.595	ug/L	100
8) Chloroethane	1.539	64	468492	197.436	ug/L	98
9) Trichlorofluoromethane	1.709	101	1129938	189.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	647960	187.481	ug/L	99
12) 1,1-Dichloroethene	2.066	96	610758	197.560	ug/L	94
13) Acetone	2.108	43	780263	368.858	ug/L	100
14) Carbon disulfide	2.240	76	1744735	198.180	ug/L	99
15) Methyl Acetate	2.365	43	529097	212.736	ug/L	99
16) Methylene chloride	2.445	84	636345	192.934	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	620572	202.769	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	1936889	215.647	ug/L	100
19) 1,1-Dichloroethane	3.108	63	1072060	196.074	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	702881	213.260	ug/L	98
22) 2-Butanone	3.854	43	843529	449.111	ug/L	97
23) Bromochloromethane	4.143	128	368120	199.658	ug/L	98
25) Chloroform	4.272	83	1195703	198.182	ug/L	100
27) 1,2-Dichloroethane	5.037	62	929753	204.292	ug/L	99
29) Cyclohexane	4.584	56	892214	206.105	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	1074603	194.661	ug/L	99
31) Carbon tetrachloride	4.735	117	955240	193.502	ug/L	99
33) Benzene	5.008	78	2466640	201.617	ug/L	100
34) Trichloroethene	5.831	95	671870	202.066	ug/L	99
35) Methylcyclohexane	6.050	83	1026506	204.853	ug/L	98
37) 1,2-Dichloropropane	6.091	63	623334	204.016	ug/L	100
38) Bromodichloromethane	6.429	83	925095	202.970	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	1151336	226.578	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1523106	467.464	ug/L	99
42) Toluene	7.313	91	2780307	208.257	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	1118920	226.695	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111323\
 Data File : VV032924.D
 Acq On : 13 Nov 2023 11:31
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

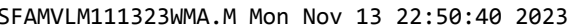
Instrument :
 MSVOA_V
 ClientSampleId :

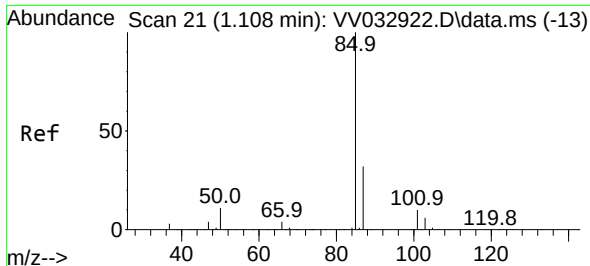
Quant Time: Nov 13 22:50:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 13 22:47:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	678973	200.257	ug/L	98
46) Tetrachloroethene	7.905	164	555864	194.340	ug/L	98
48) 2-Hexanone	8.075	43	1297556	481.671	ug/L	99
49) Dibromochloromethane	8.175	129	770286	210.890	ug/L	99
50) 1,2-Dibromoethane	8.281	107	749443	207.670	ug/L	99
51) Chlorobenzene	8.812	112	1878089	203.075	ug/L	98
52) Ethylbenzene	8.947	91	3206576	216.883	ug/L	99
53) m,p-Xylene	9.072	106	1243323	218.706	ug/L	97
54) o-Xylene	9.480	106	1239409	226.106	ug/L	98
55) Styrene	9.496	104	2214612	229.050	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	1121071	214.926	ug/L	99
59) Bromoform	9.664	173	625605	219.576	ug/L	99
60) Isopropylbenzene	9.866	105	3357141	211.752	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	803587	204.982	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	2750496	228.698	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	2913325	231.672	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	1707885	206.545	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	1734221	195.555	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	1700285	204.481	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	244030	222.736	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	1304393	210.257	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	1229050	220.546	ug/L	99
71) Naphthalene	13.438	128	3393274	231.707	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	1170035	208.618	ug/L	99

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

Quant Time: Nov 13 22:50:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 13 22:47:32 2023
Response via : Initial Calibration

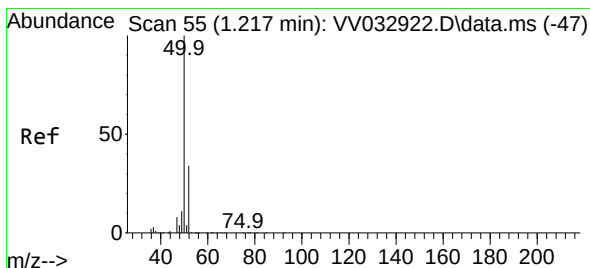
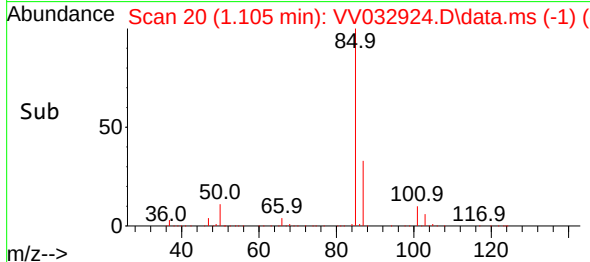
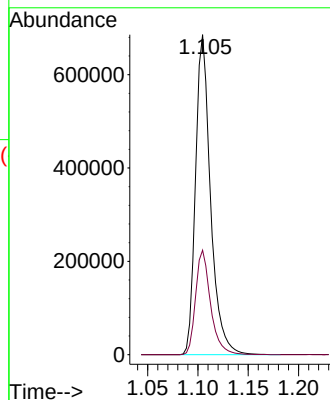
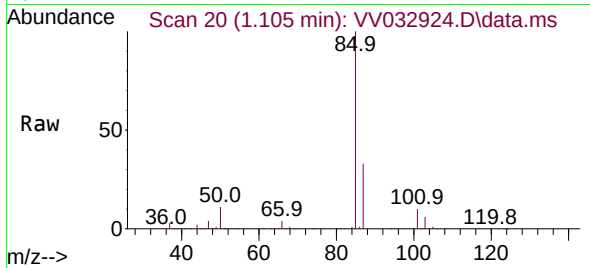




#2
 Dichlorodifluoromethane
 Concen: 187.609 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV032924.D
 Acq: 13 Nov 2023 11:31

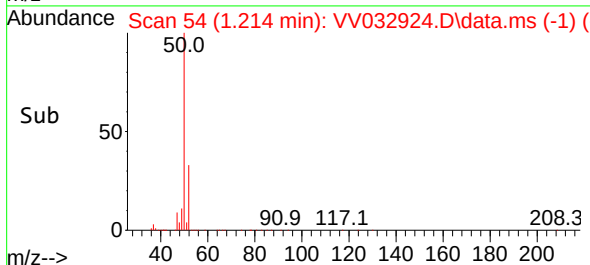
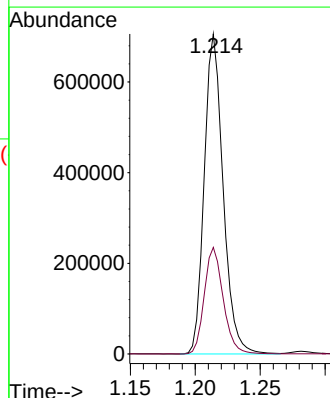
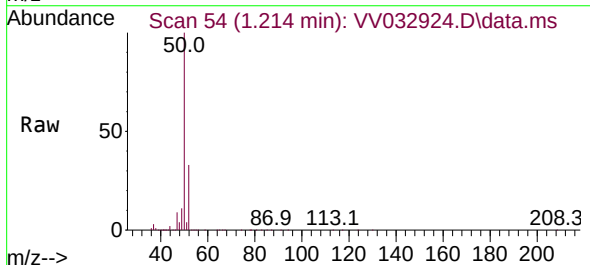
Instrument :
 MSVOA_V
 ClientSampleId :

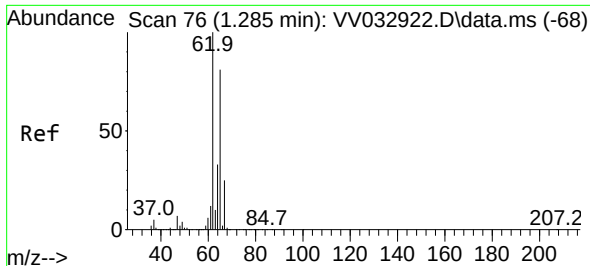
Tgt Ion: 85 Resp: 709046
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 191.522 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV032924.D
 Acq: 13 Nov 2023 11:31

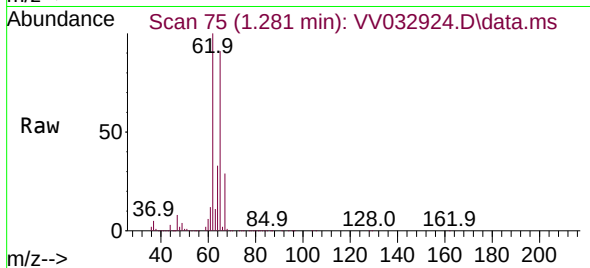
Tgt Ion: 50 Resp: 715219
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.6 43.8





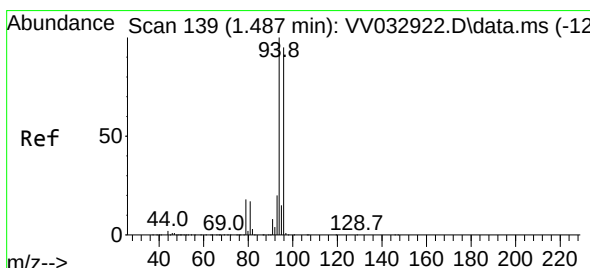
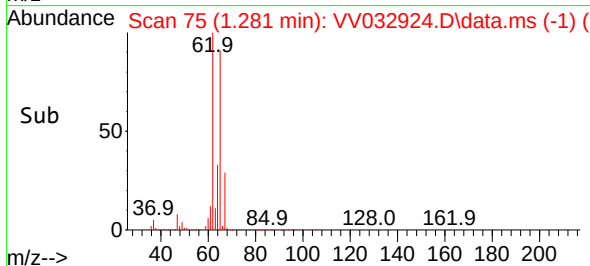
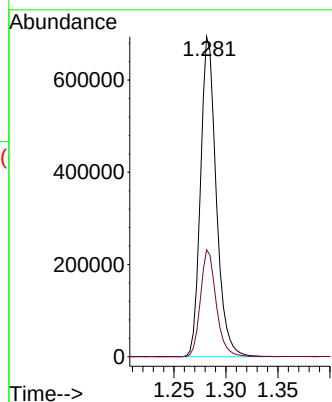
#5
 Vinyl chloride
 Concen: 194.668 ug/L
 RT: 1.281 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV032924.D
 Acq: 13 Nov 2023 11:31

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 62 Resp: 731467

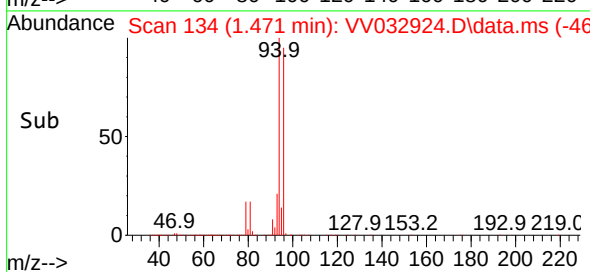
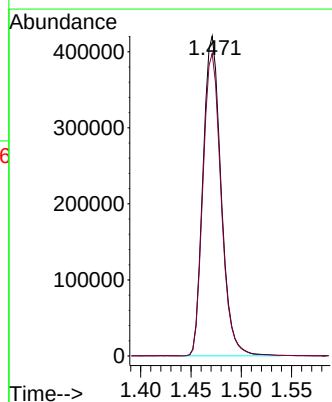
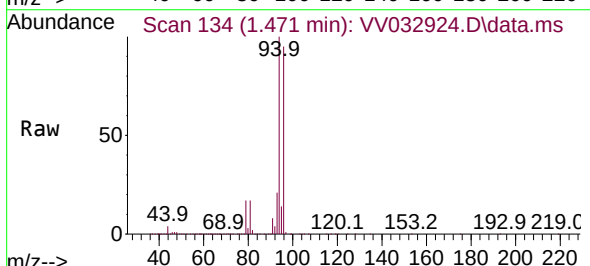
Ion	Ratio	Lower	Upper
62	100		
64	33.4	23.1	42.9

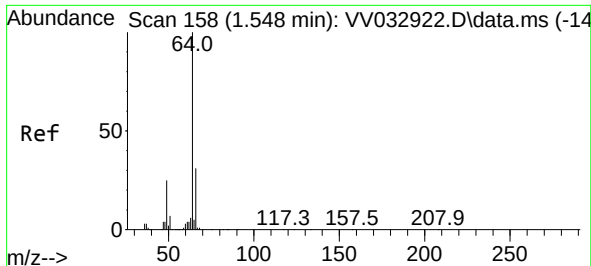


#6
 Bromomethane
 Concen: 210.595 ug/L
 RT: 1.471 min Scan# 134
 Delta R.T. -0.016 min
 Lab File: VV032924.D
 Acq: 13 Nov 2023 11:31

Tgt Ion: 94 Resp: 524557

Ion	Ratio	Lower	Upper
94	100		
96	94.6	66.0	122.6

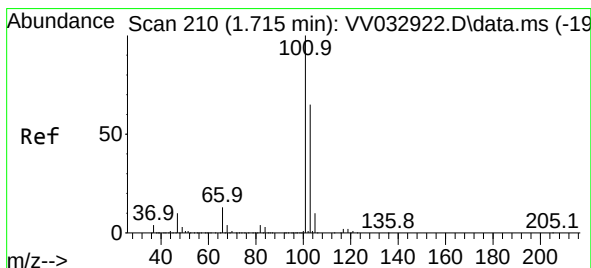
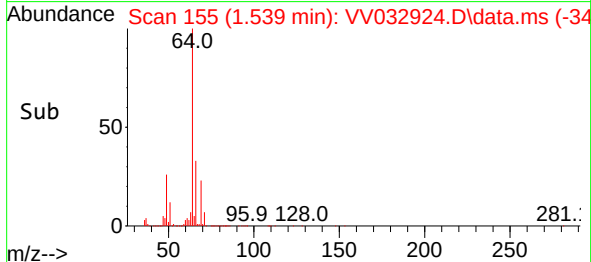
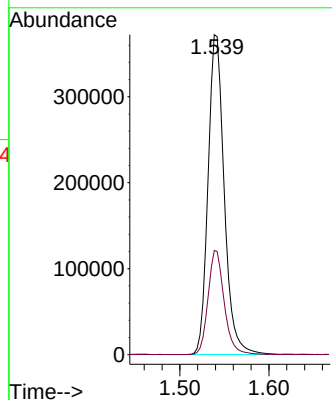
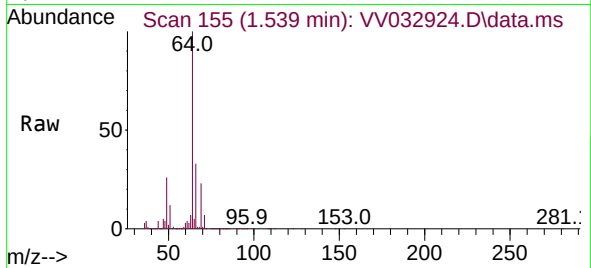




#8
Chloroethane
Concen: 197.436 ug/L
RT: 1.539 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

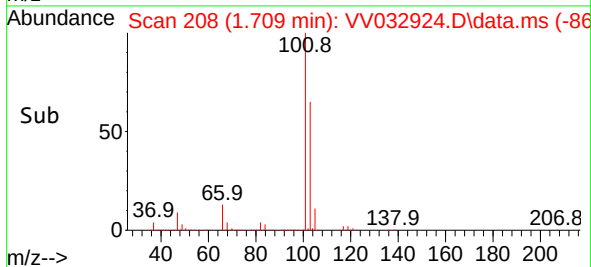
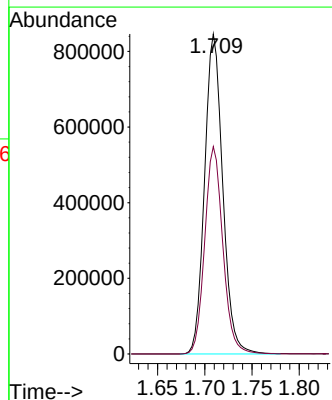
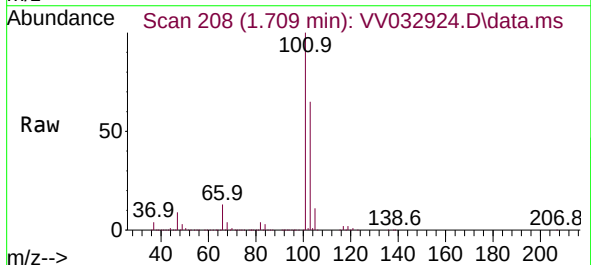
Instrument :
MSVOA_V
ClientSampleId :

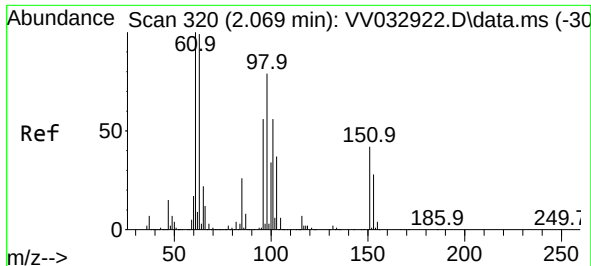
Tgt Ion: 64 Resp: 468492
Ion Ratio Lower Upper
64 100
66 32.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 189.395 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.006 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

Tgt Ion:101 Resp: 1129938
Ion Ratio Lower Upper
101 100
103 64.7 51.2 76.8





#10

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

Concen: 187.481 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

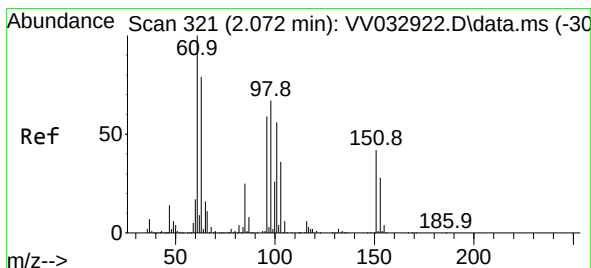
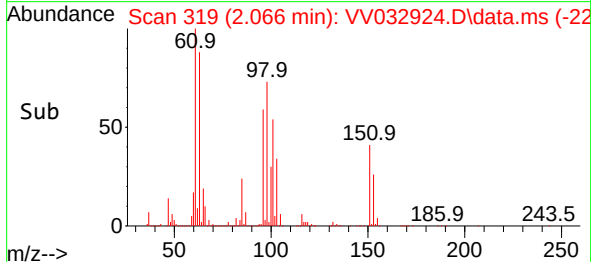
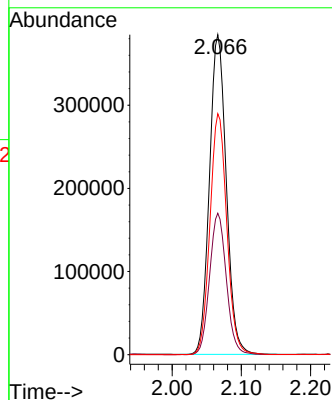
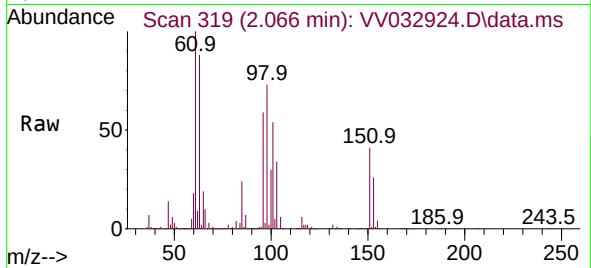
Tgt Ion:101 Resp: 647960

Ion Ratio Lower Upper

101 100

85 44.0 35.9 53.9

151 75.6 60.6 91.0



#12

1,1-Dichloroethene

Concen: 197.560 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.006 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

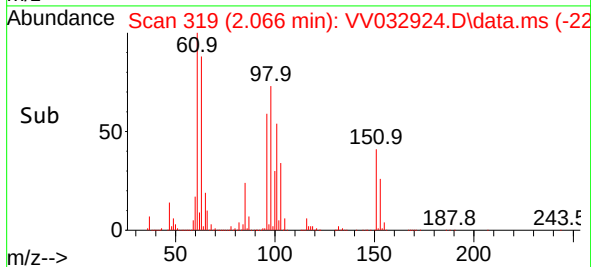
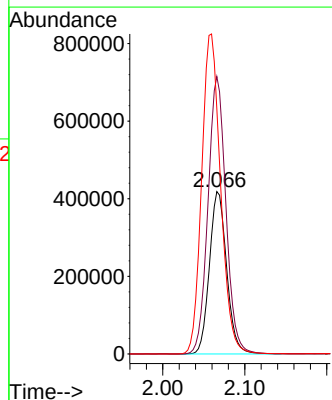
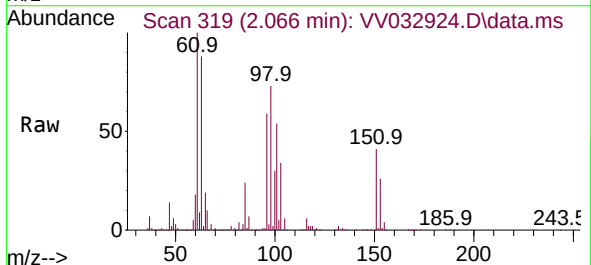
Tgt Ion: 96 Resp: 610758

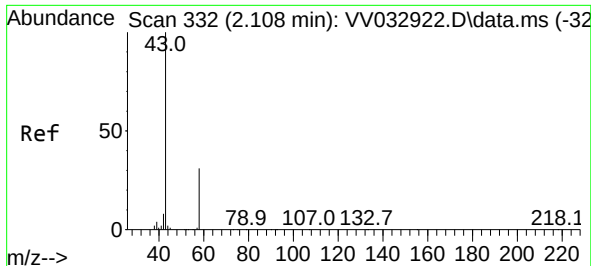
Ion Ratio Lower Upper

96 100

61 170.8 119.6 222.0

63 150.9 95.1 176.7

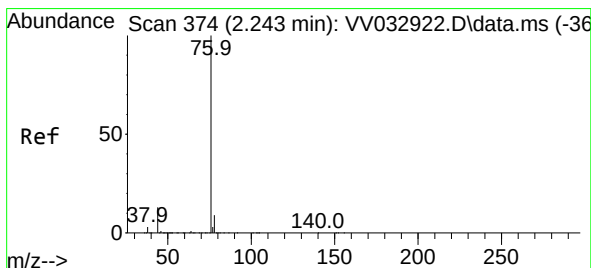
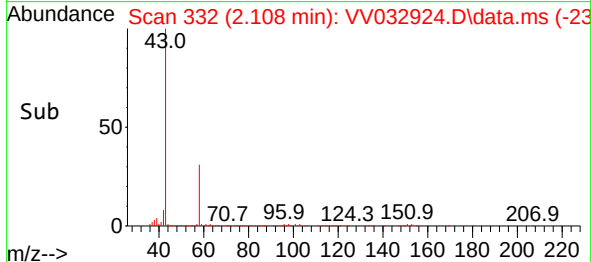
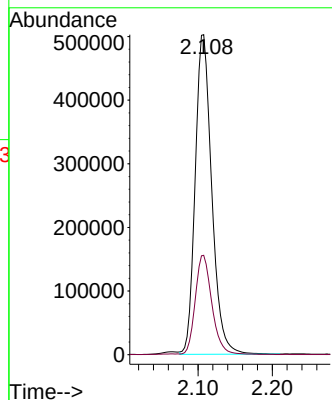
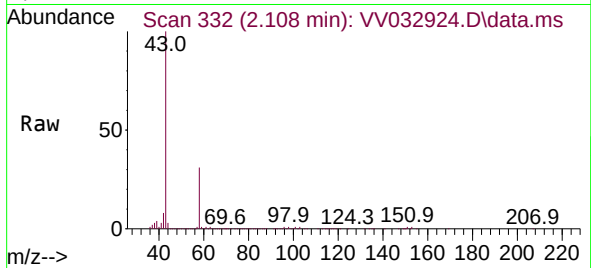




#13
Acetone
Concen: 368.858 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

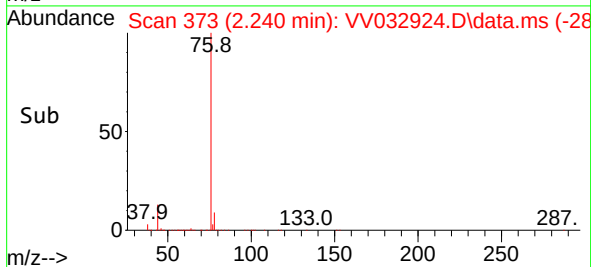
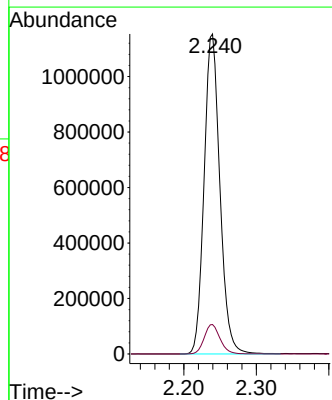
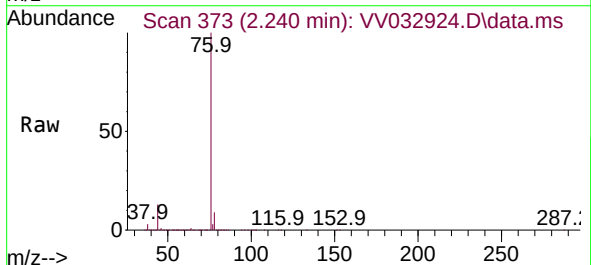
Instrument :
MSVOA_V
ClientSampleId :

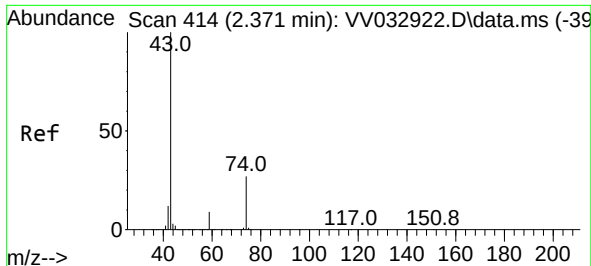
Tgt Ion: 43 Resp: 780263
Ion Ratio Lower Upper
43 100
58 31.2 0.0 62.8



#14
Carbon disulfide
Concen: 198.180 ug/L
RT: 2.240 min Scan# 373
Delta R.T. -0.003 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

Tgt Ion: 76 Resp: 1744735
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

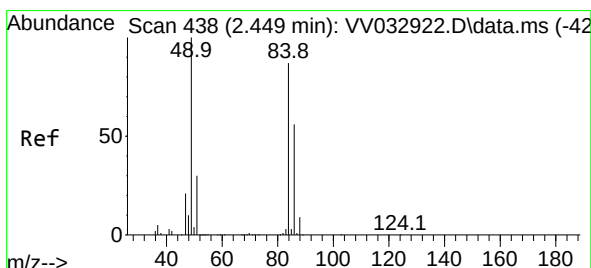
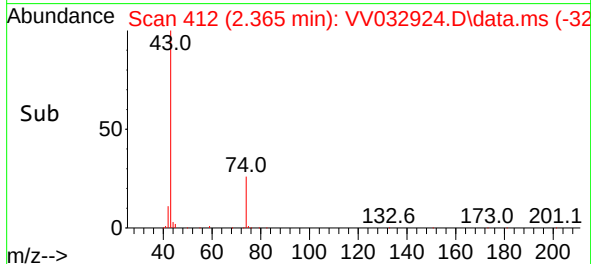
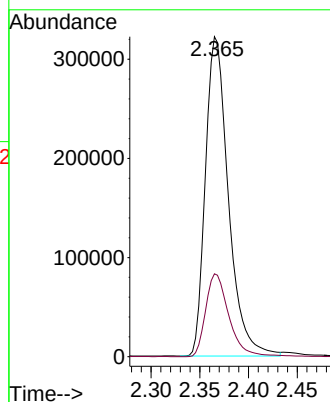
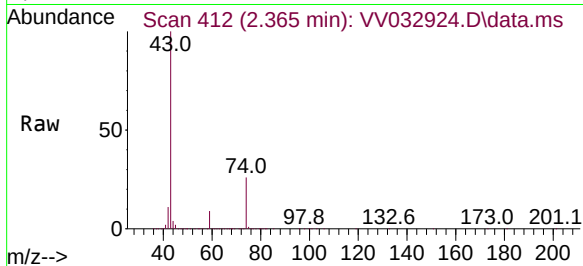




#15
Methyl Acetate
Concen: 212.736 ug/L
RT: 2.365 min Scan# 414
Delta R.T. -0.006 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

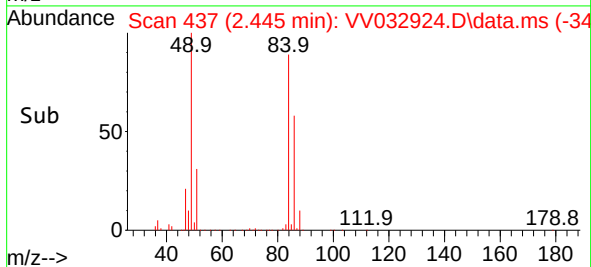
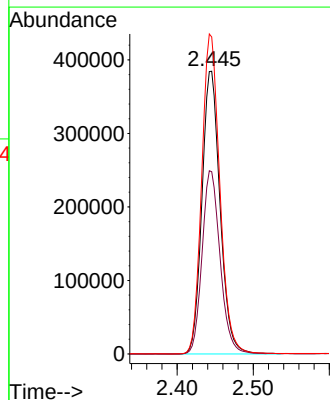
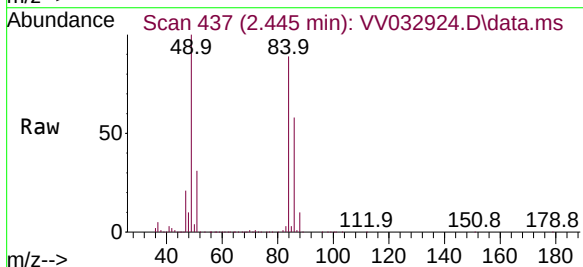
Instrument :
MSVOA_V
ClientSampleId :

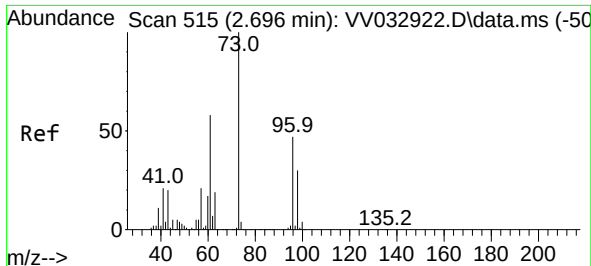
Tgt Ion: 43 Resp: 529097
Ion Ratio Lower Upper
43 100
74 26.4 20.8 31.2



#16
Methylene chloride
Concen: 192.934 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

Tgt Ion: 84 Resp: 636345
Ion Ratio Lower Upper
84 100
86 64.5 45.3 84.1
49 112.1 80.6 149.6





#17

trans-1,2-Dichloroethene

Concen: 202.769 ug/L

RT: 2.690 min Scan# 515

Delta R.T. -0.006 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

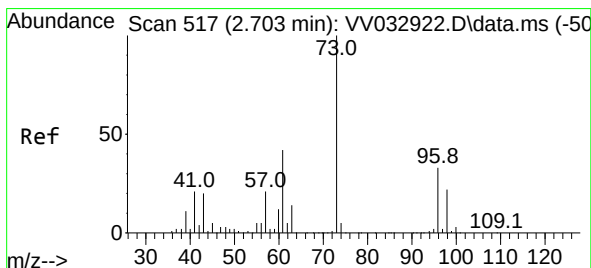
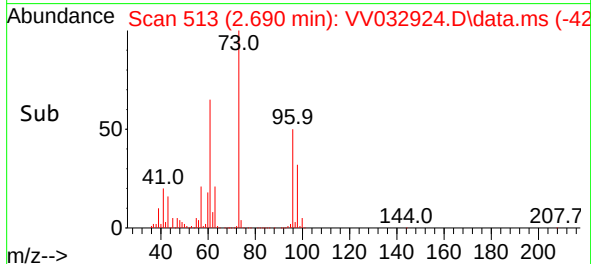
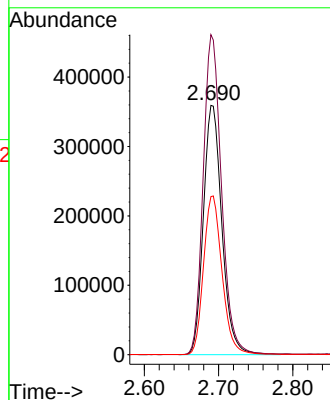
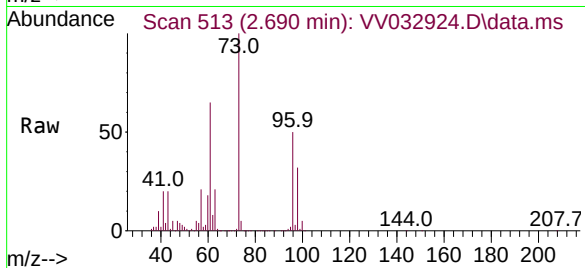
Tgt Ion: 96 Resp: 620572

Ion Ratio Lower Upper

96 100

61 128.3 86.9 161.5

98 63.4 44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 215.647 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

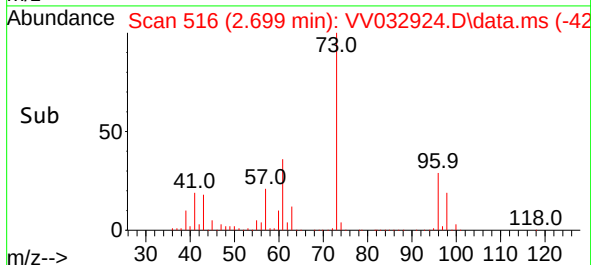
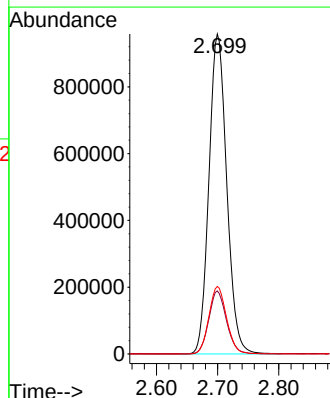
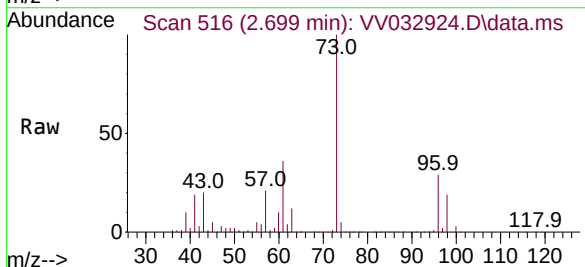
Tgt Ion: 73 Resp: 1936889

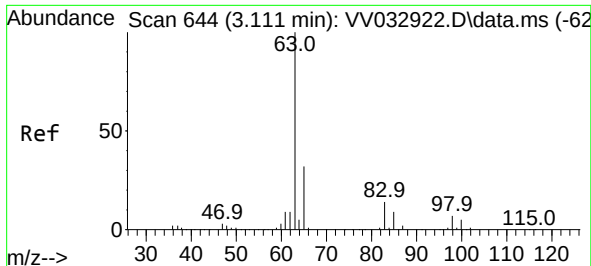
Ion Ratio Lower Upper

73 100

43 19.5 15.7 23.5

57 20.9 17.0 25.4





#19

1,1-Dichloroethane

Concen: 196.074 ug/L

RT: 3.108 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

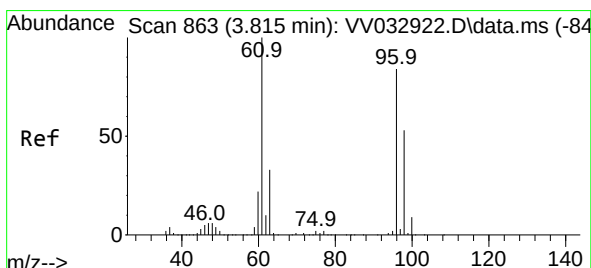
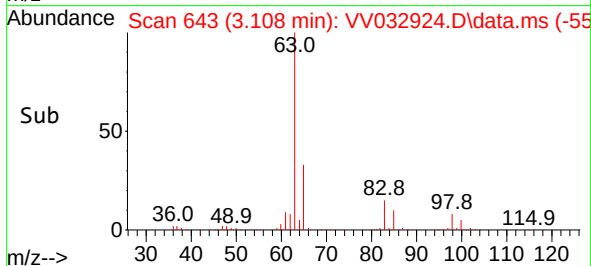
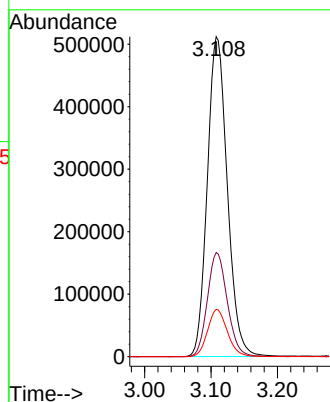
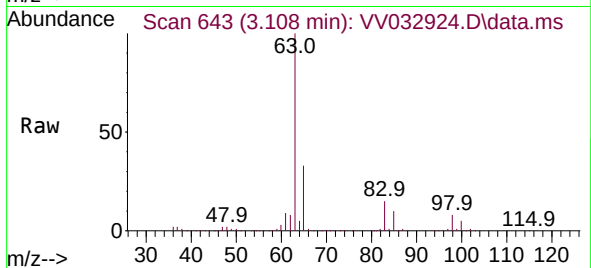
Tgt Ion: 63 Resp: 1072060

Ion Ratio Lower Upper

63 100

65 32.6 22.0 41.0

83 14.8 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 213.260 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

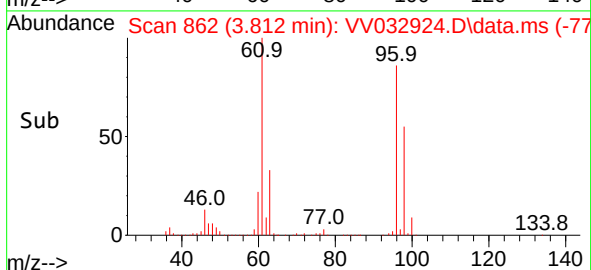
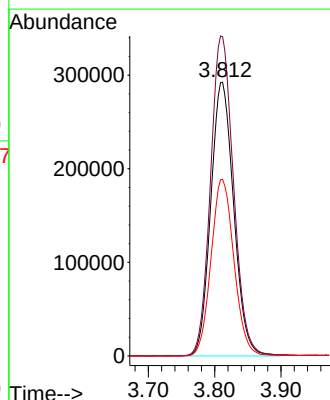
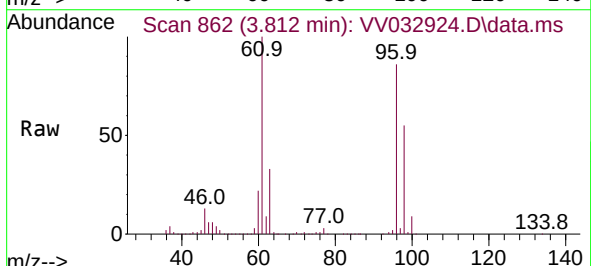
Tgt Ion: 96 Resp: 702881

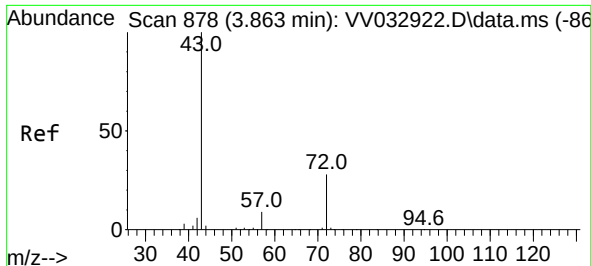
Ion Ratio Lower Upper

96 100

61 116.6 83.5 155.1

98 64.5 44.0 81.8

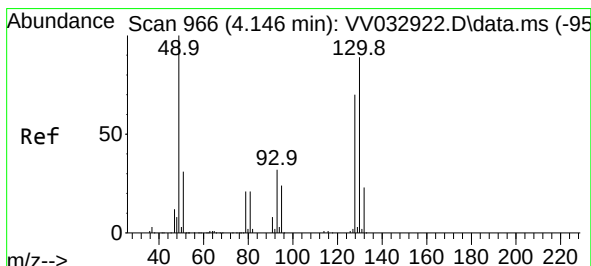
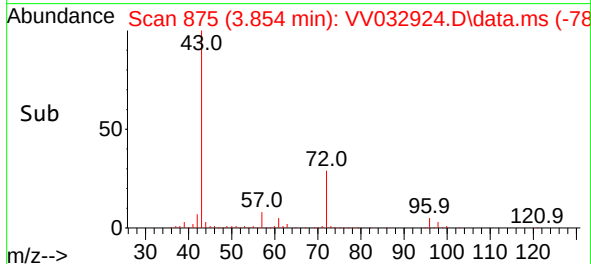
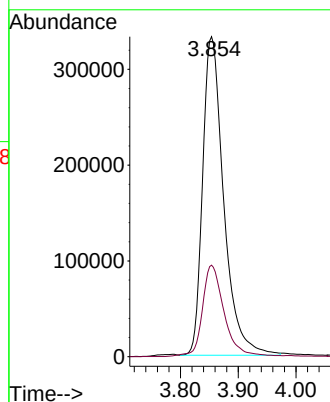
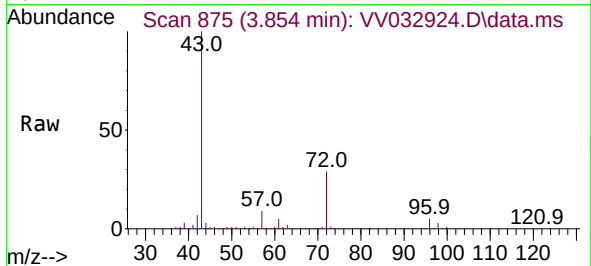




#22
2-Butanone
Concen: 449.111 ug/L
RT: 3.854 min Scan# 81
Delta R.T. -0.010 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

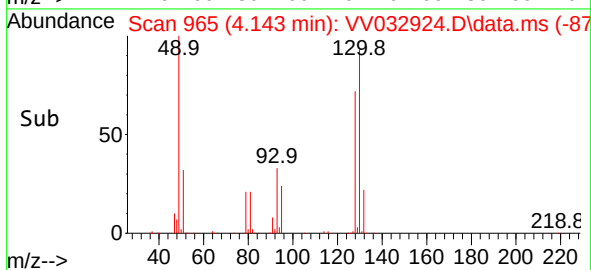
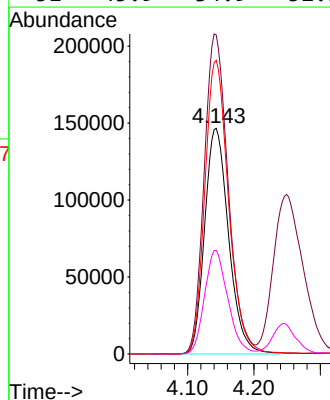
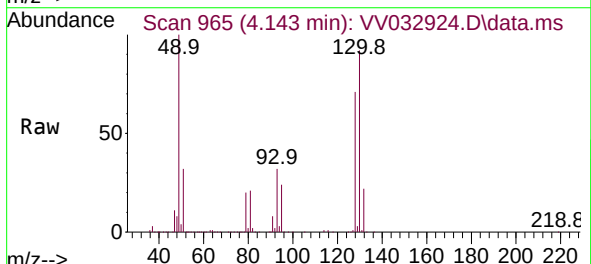
Instrument :
MSVOA_V
ClientSampleId :

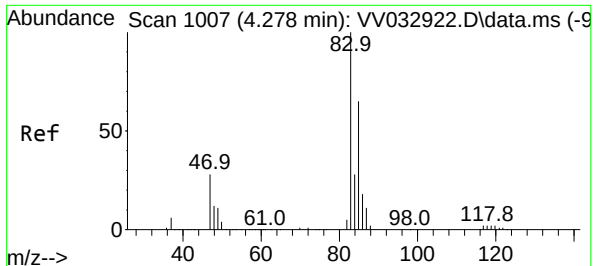
Tgt Ion: 43 Resp: 843529
Ion Ratio Lower Upper
43 100
72 29.4 14.0 41.9



#23
Bromochloromethane
Concen: 199.658 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

Tgt Ion:128 Resp: 368120
Ion Ratio Lower Upper
128 100
49 141.4 99.7 185.1
130 130.1 88.7 164.7
51 45.9 34.9 52.3





#25

Chloroform

Concen: 198.182 ug/L

RT: 4.272 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

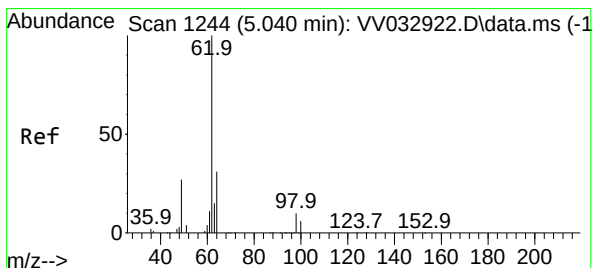
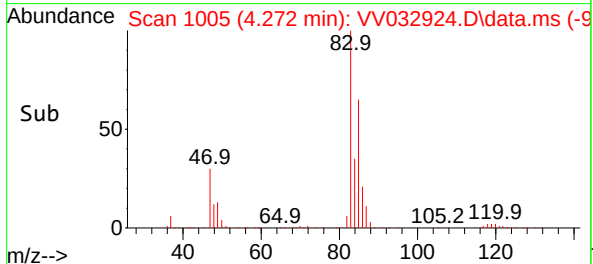
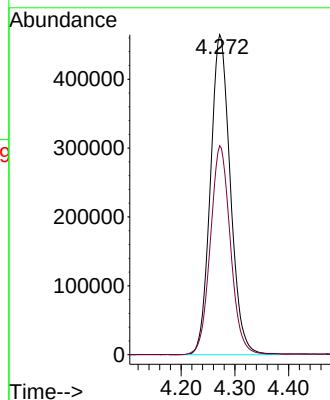
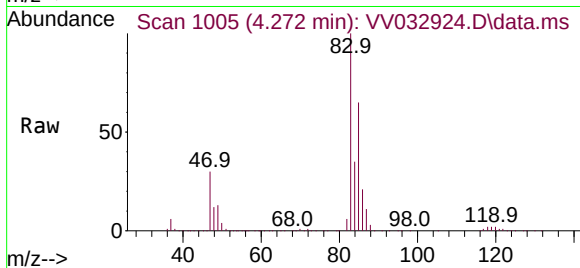
ClientSampleId :

Tgt Ion: 83 Resp: 1195703

Ion Ratio Lower Upper

83 100

85 65.3 45.5 84.5



#27

1,2-Dichloroethane

Concen: 204.292 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV032924.D

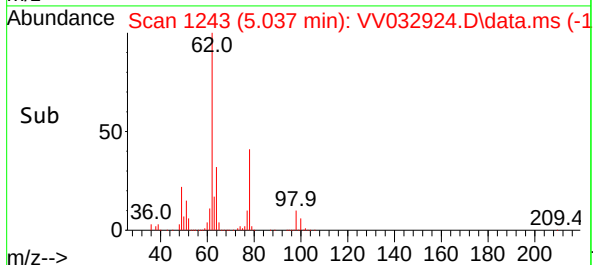
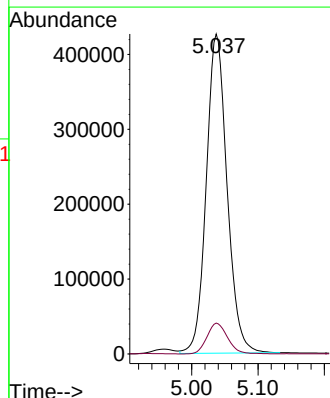
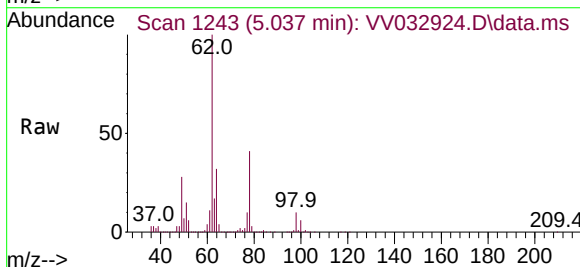
Acq: 13 Nov 2023 11:31

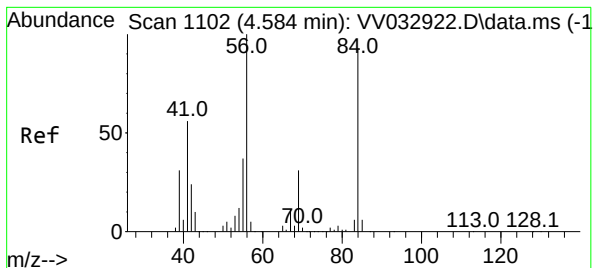
Tgt Ion: 62 Resp: 929753

Ion Ratio Lower Upper

62 100

98 9.6 8.0 12.0





#29

Cyclohexane

Concen: 206.105 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

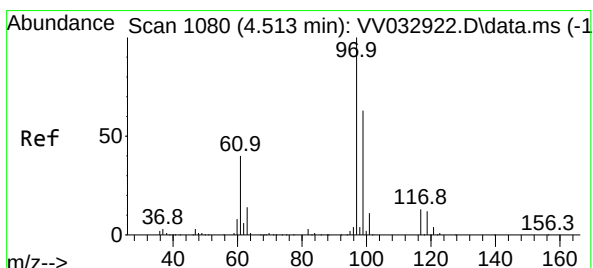
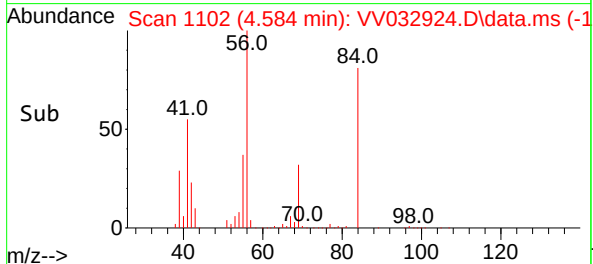
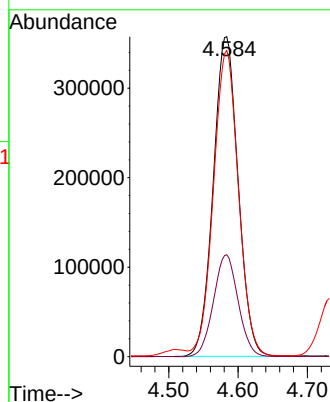
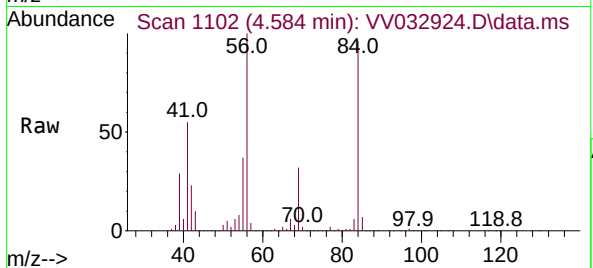
Tgt Ion: 56 Resp: 892214

Ion Ratio Lower Upper

56 100

69 31.6 24.7 37.1

84 95.8 76.6 115.0



#30

1,1,1-Trichloroethane

Concen: 194.661 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

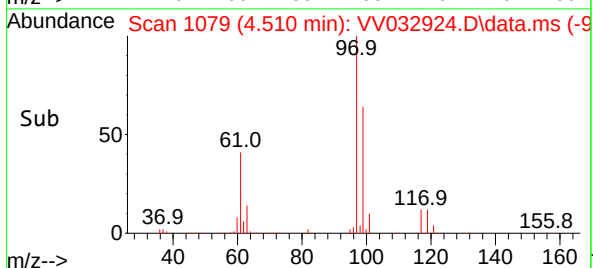
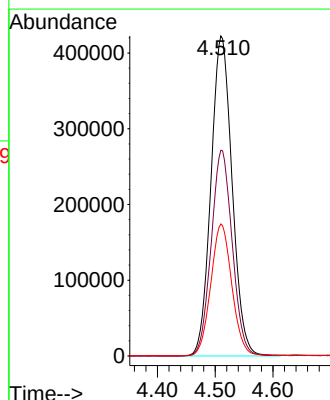
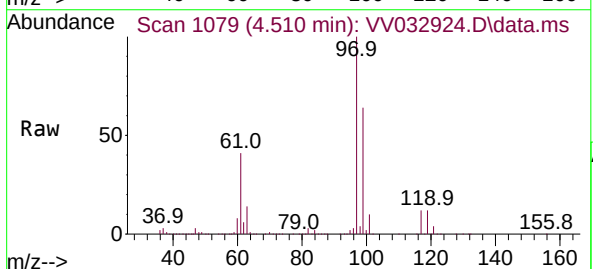
Tgt Ion: 97 Resp: 1074603

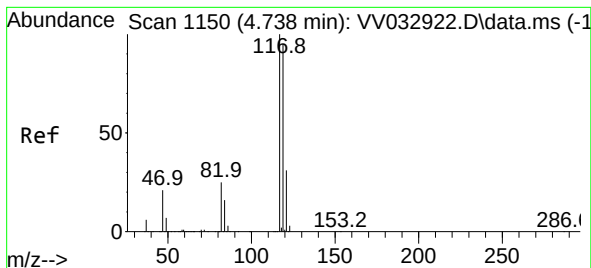
Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 41.0 33.3 49.9





#31

Carbon tetrachloride

Concen: 193.502 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

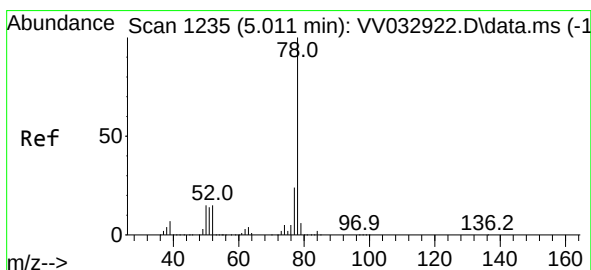
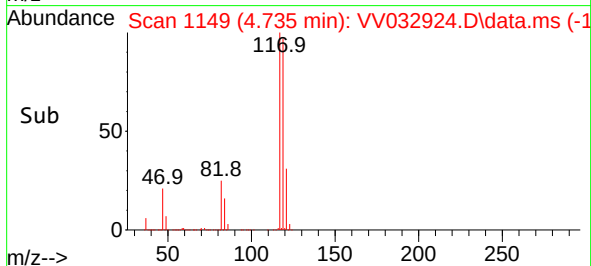
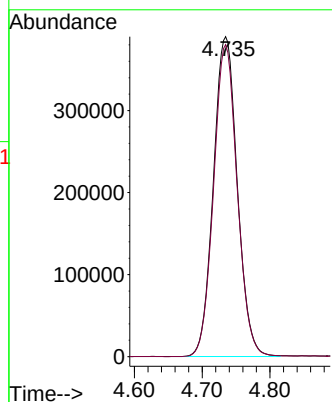
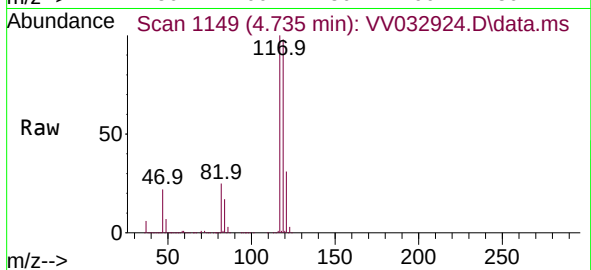
ClientSampleId :

Tgt Ion:117 Resp: 955240

Ion Ratio Lower Upper

117 100

119 96.3 76.2 114.4



#33

Benzene

Concen: 201.617 ug/L

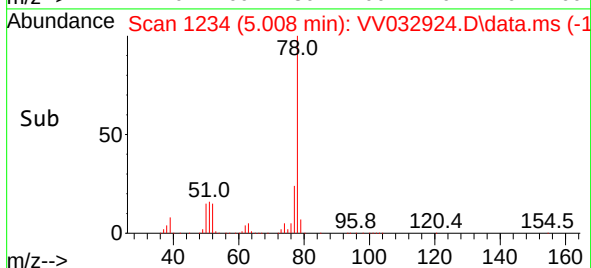
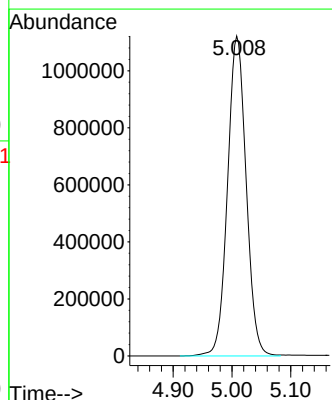
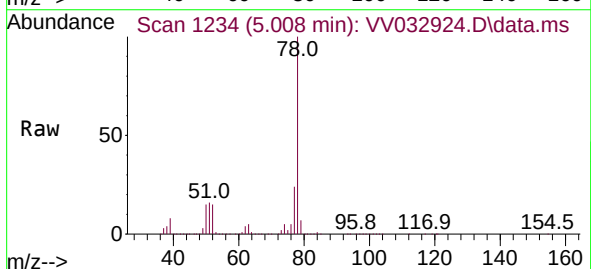
RT: 5.008 min Scan# 1234

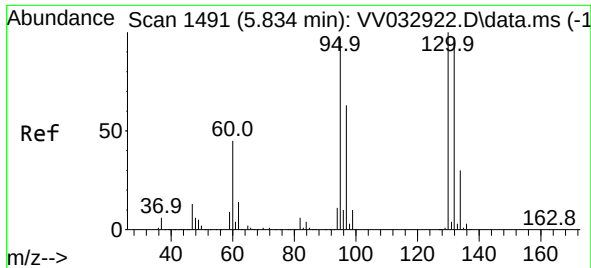
Delta R.T. -0.003 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Tgt Ion: 78 Resp: 2466640

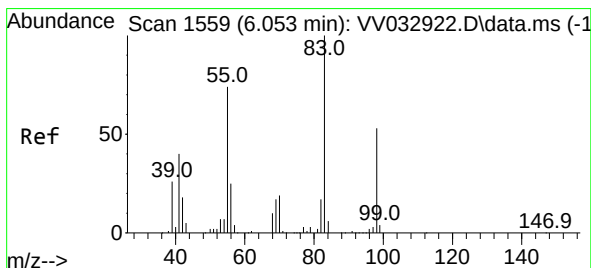
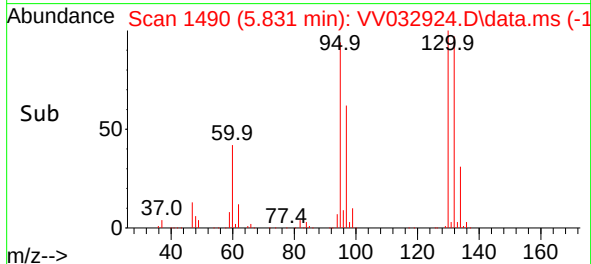
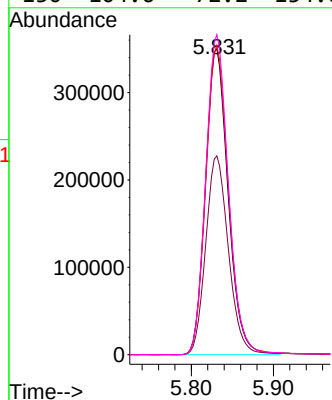
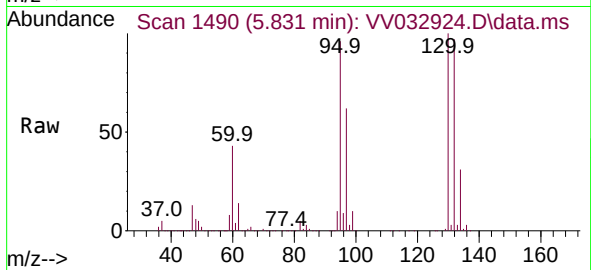




#34
Trichloroethene
Concen: 202.066 ug/L
RT: 5.831 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

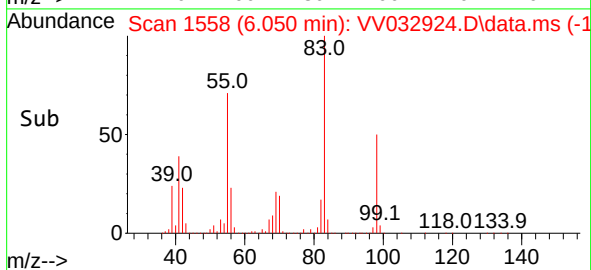
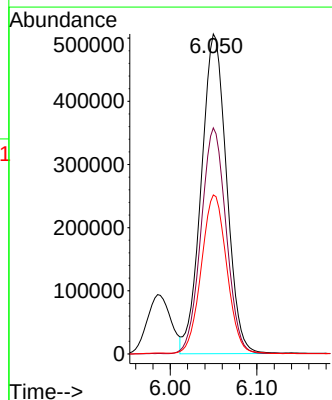
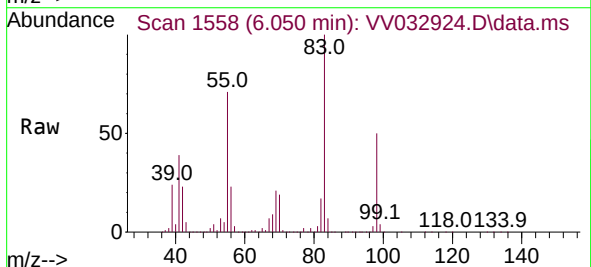
Instrument :
MSVOA_V
ClientSampleId :

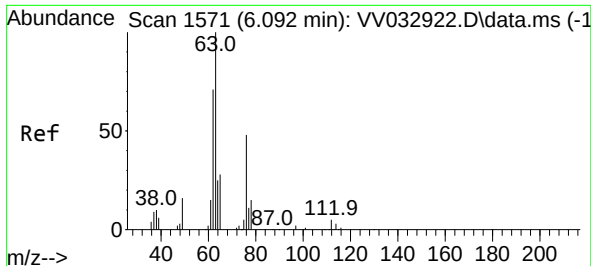
Tgt Ion: 95 Resp: 671870
Ion Ratio Lower Upper
95 100
97 65.0 45.7 84.9
132 101.2 70.0 130.0
130 104.6 72.2 134.0



#35
Methylcyclohexane
Concen: 204.853 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

Tgt Ion: 83 Resp: 1026506
Ion Ratio Lower Upper
83 100
55 70.1 57.5 86.3
98 50.0 41.0 61.4





#37

1,2-Dichloropropane

Concen: 204.016 ug/L

RT: 6.091 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

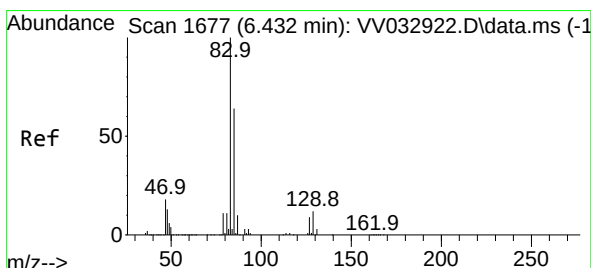
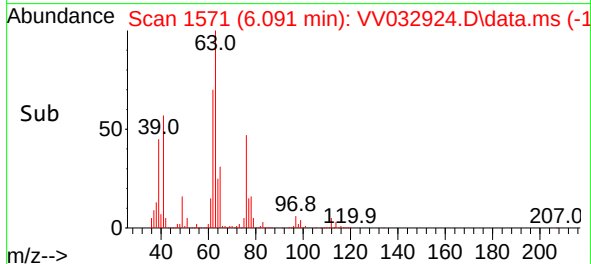
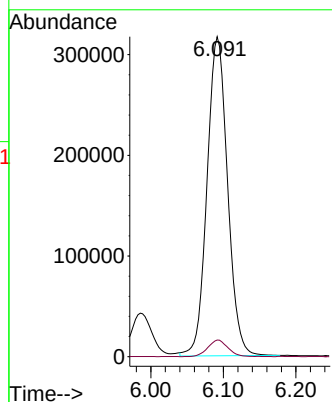
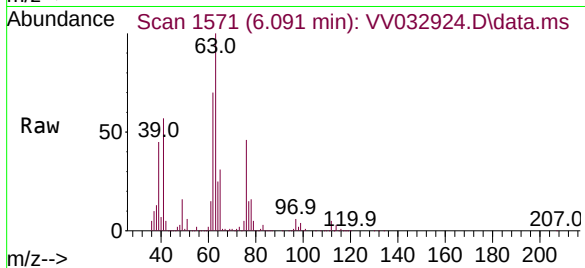
ClientSampleId :

Tgt Ion: 63 Resp: 623334

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.4



#38

Bromodichloromethane

Concen: 202.970 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

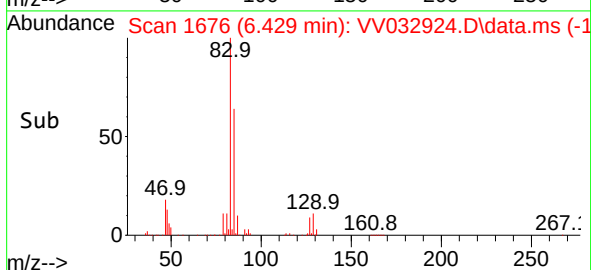
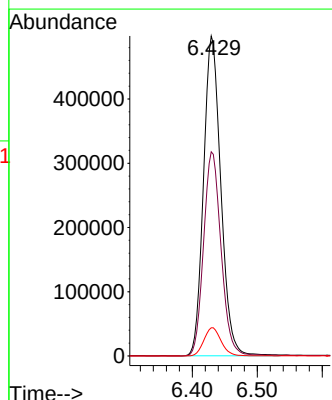
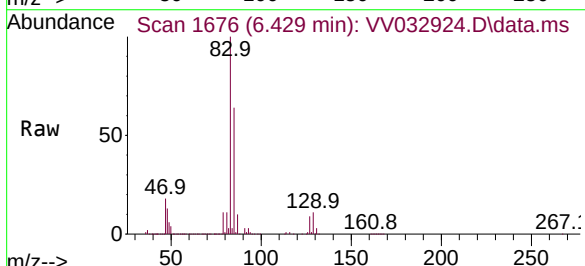
Tgt Ion: 83 Resp: 925095

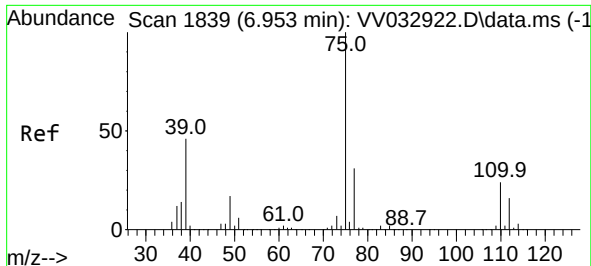
Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 226.578 ug/L

RT: 6.950 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

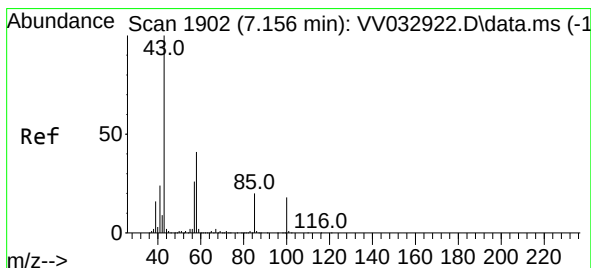
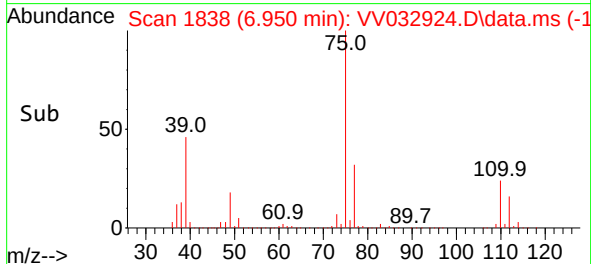
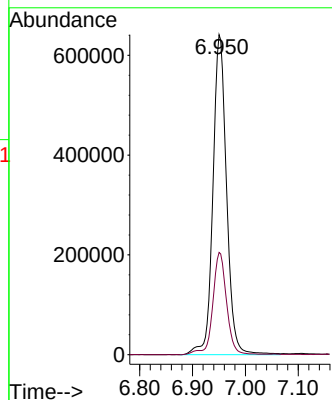
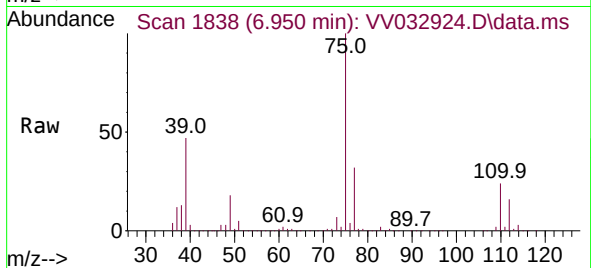
ClientSampleId :

Tgt Ion: 75 Resp: 1151336

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 467.464 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

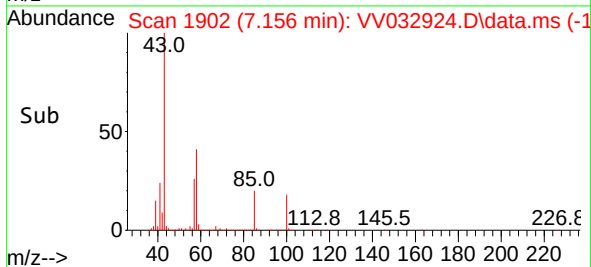
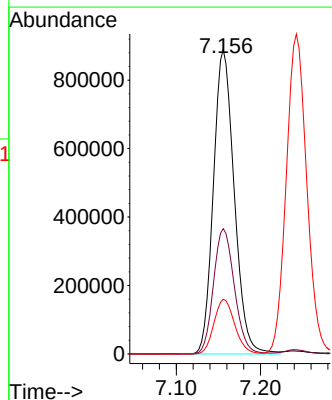
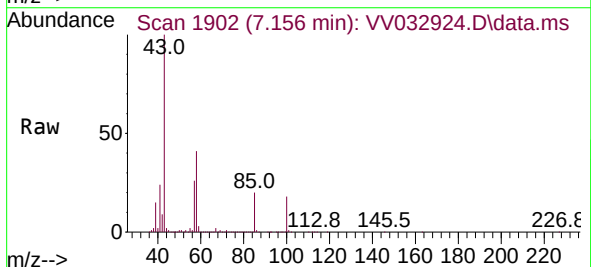
Tgt Ion: 43 Resp: 1523106

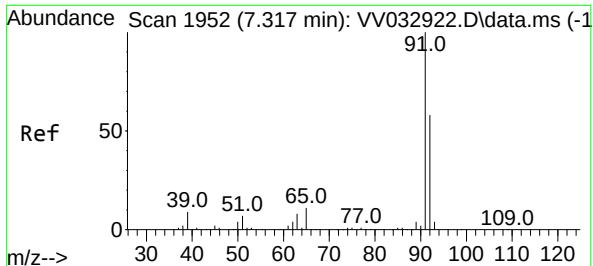
Ion Ratio Lower Upper

43 100

58 41.3 32.6 49.0

100 18.0 14.2 21.4

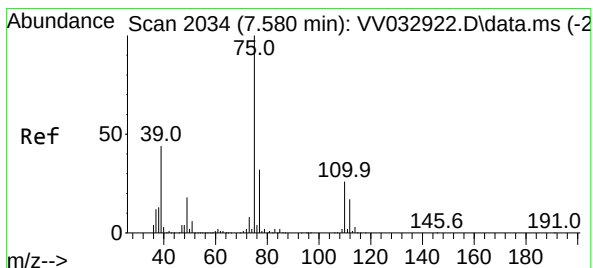
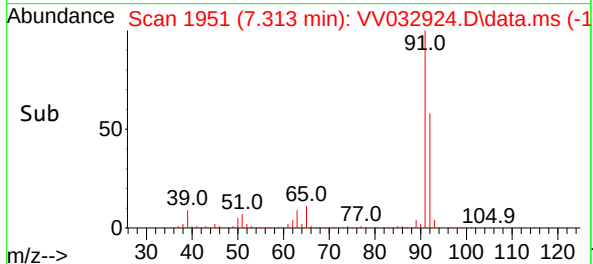
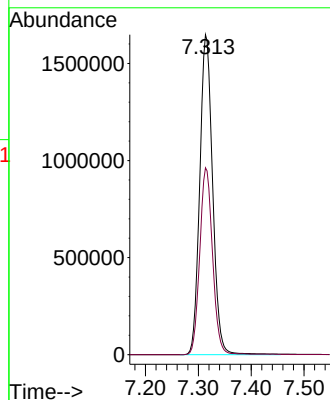
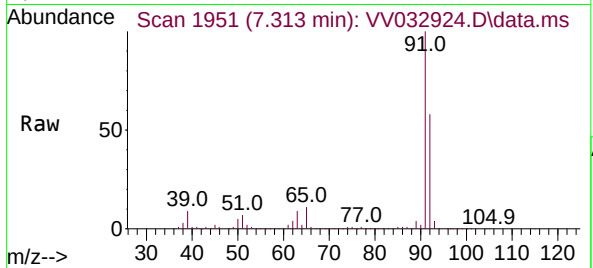




#42
Toluene
Concen: 208.257 ug/L
RT: 7.313 min Scan# 1952
Delta R.T. -0.003 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

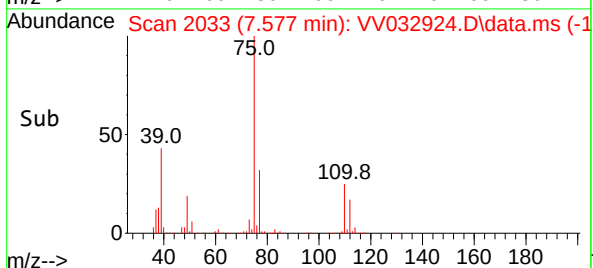
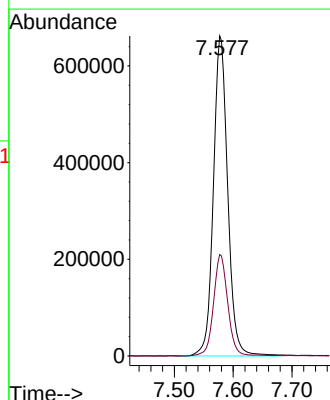
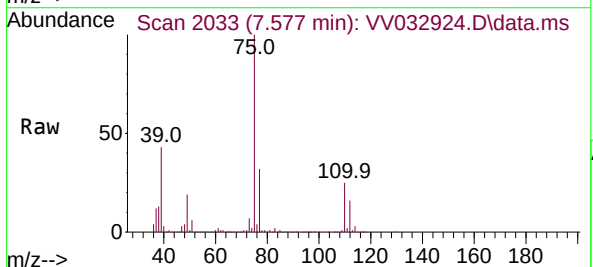
Instrument :
MSVOA_V
ClientSampleId :

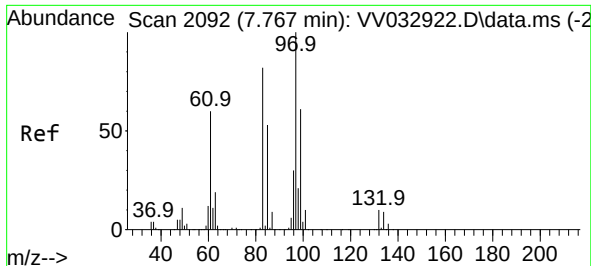
Tgt Ion: 91 Resp: 2780307
Ion Ratio Lower Upper
91 100
92 58.4 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 226.695 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.003 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

Tgt Ion: 75 Resp: 1118920
Ion Ratio Lower Upper
75 100
77 31.7 22.3 41.3

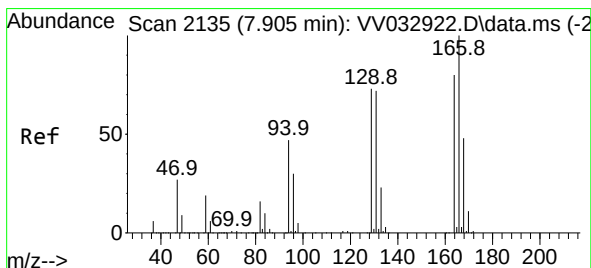
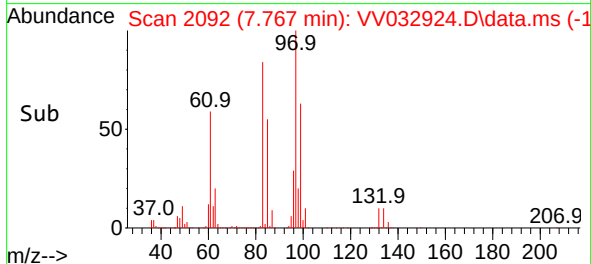
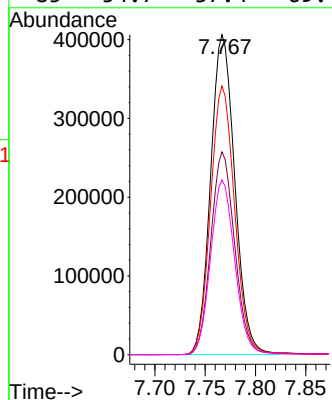
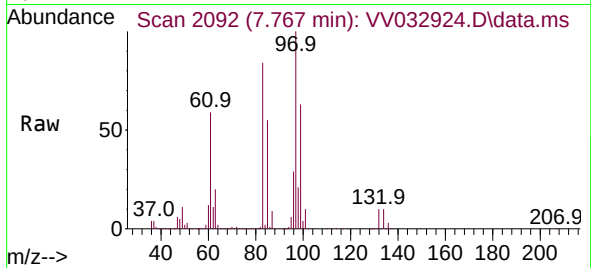




#45
1,1,2-Trichloroethane
Concen: 200.257 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

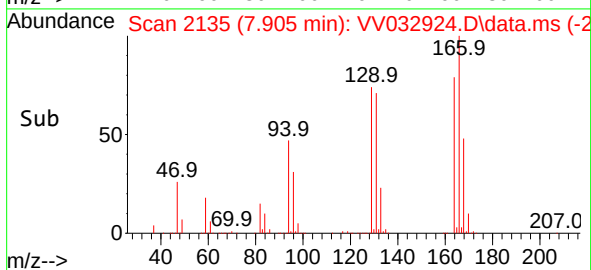
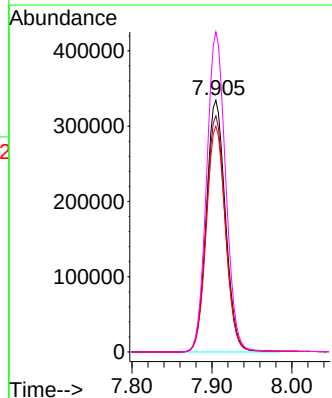
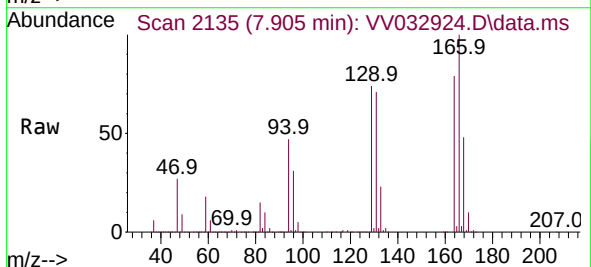
Instrument :
MSVOA_V
ClientSampleId :

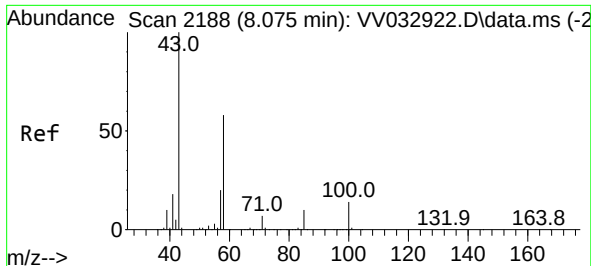
Tgt Ion:	97	Resp:	678973
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.8	79.4
83	84.0	57.4	106.6
85	54.7	37.4	69.4



#46
Tetrachloroethene
Concen: 194.340 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

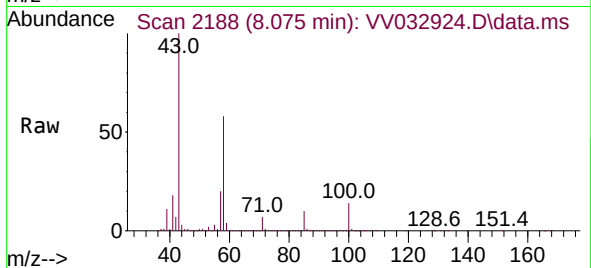
Tgt Ion:	164	Resp:	555864
Ion	Ratio	Lower	Upper
164	100		
129	93.7	64.2	119.2
131	89.7	63.5	117.9
166	127.1	87.7	162.9





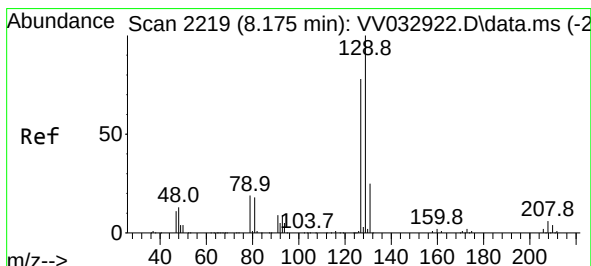
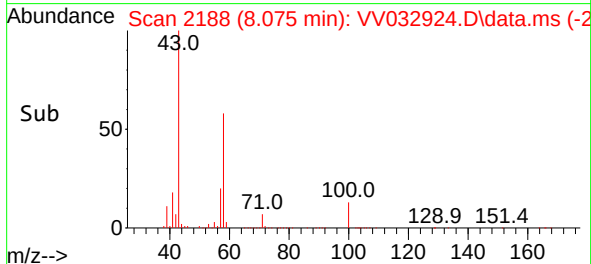
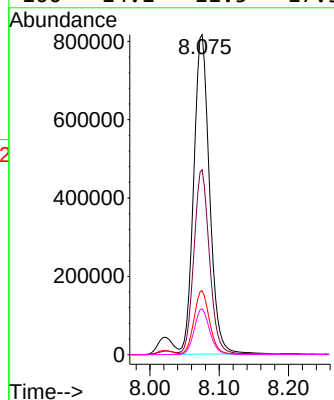
#48
2-Hexanone
Concen: 481.671 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1297556

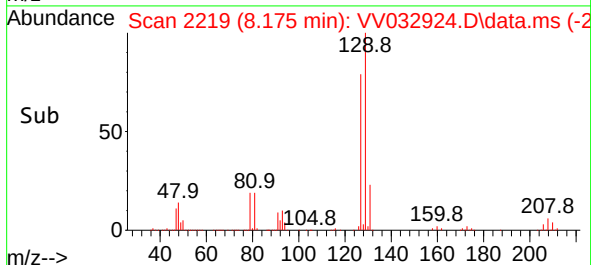
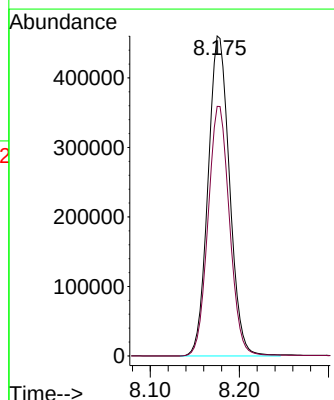
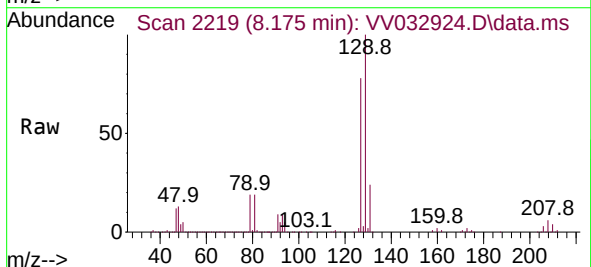
Ion	Ratio	Lower	Upper
43	100		
58	57.1	44.8	67.2
57	19.8	15.2	22.8
100	14.1	11.5	17.3

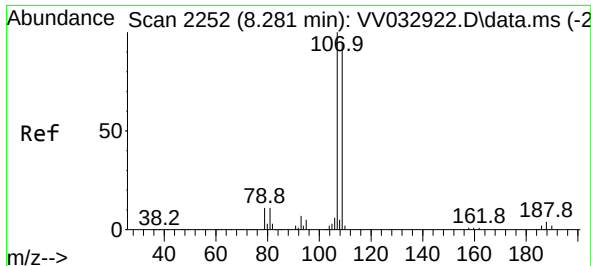


#49
Dibromochloromethane
Concen: 210.890 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

Tgt Ion: 129 Resp: 770286

Ion	Ratio	Lower	Upper
129	100		
127	78.0	55.1	102.3





#50

1,2-Dibromoethane

Concen: 207.670 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

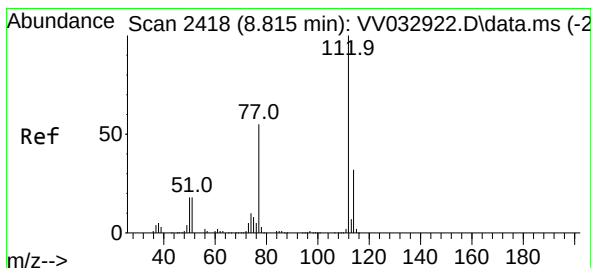
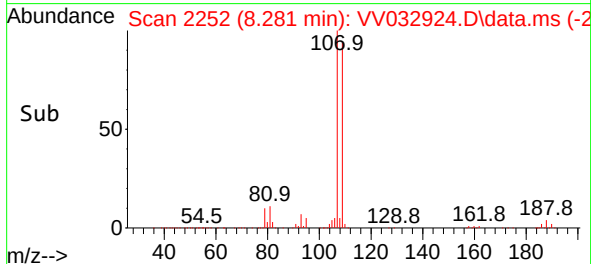
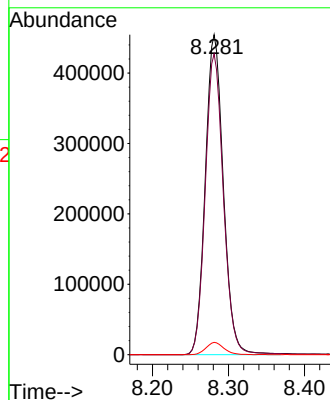
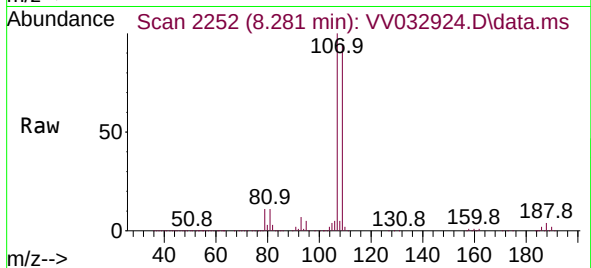
Tgt Ion:107 Resp: 749443

Ion Ratio Lower Upper

107 100

109 93.9 66.3 123.1

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 203.075 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.003 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

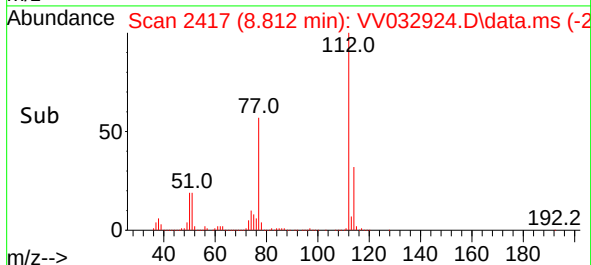
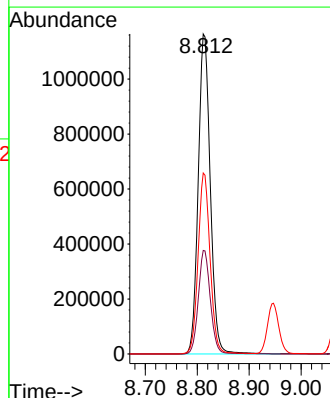
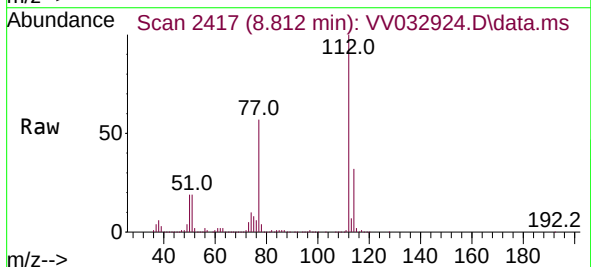
Tgt Ion:112 Resp: 1878089

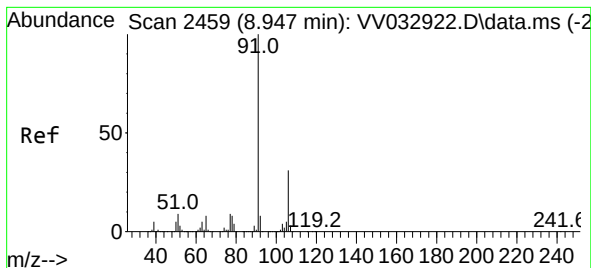
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 56.5 44.2 66.2





#52

Ethylbenzene

Concen: 216.883 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

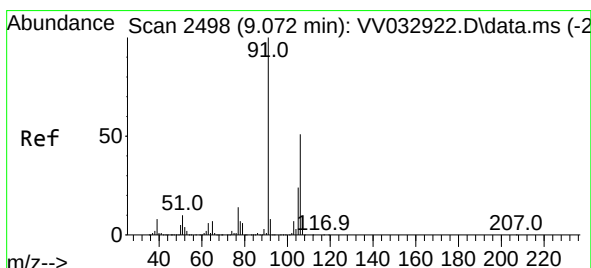
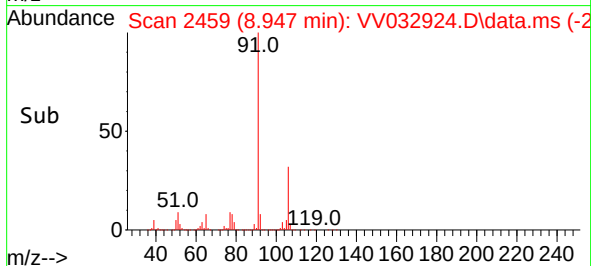
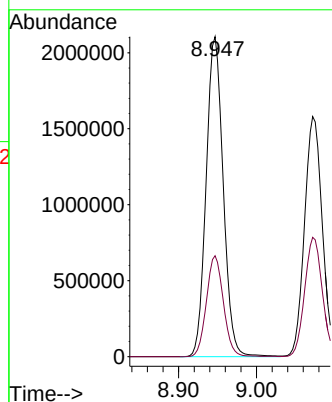
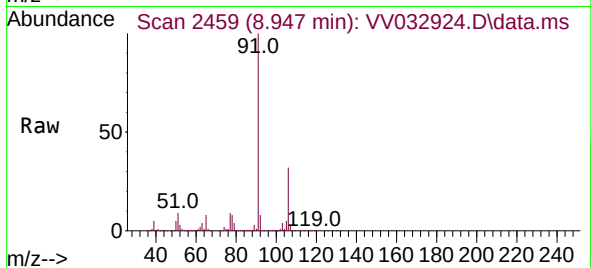
ClientSampleId :

Tgt Ion: 91 Resp: 3206576

Ion Ratio Lower Upper

91 100

106 31.5 21.6 40.0



#53

m,p-Xylene

Concen: 218.706 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV032924.D

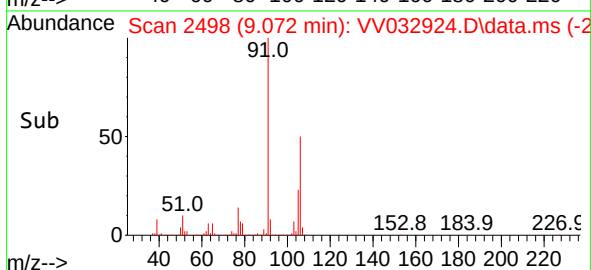
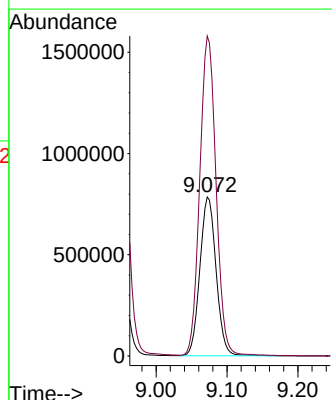
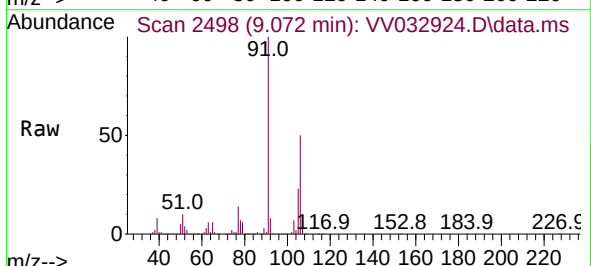
Acq: 13 Nov 2023 11:31

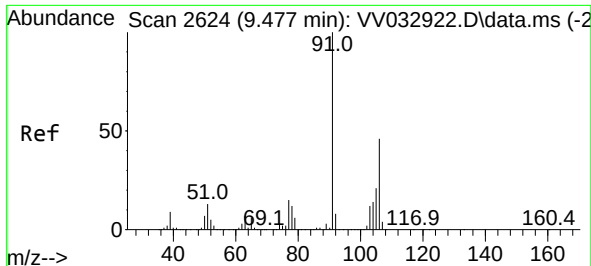
Tgt Ion: 106 Resp: 1243323

Ion Ratio Lower Upper

106 100

91 201.2 137.5 255.4





#54

o-Xylene

Concen: 226.106 ug/L

RT: 9.480 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

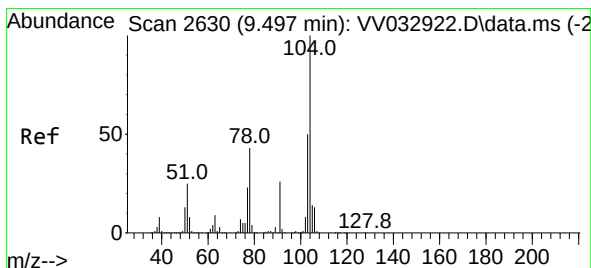
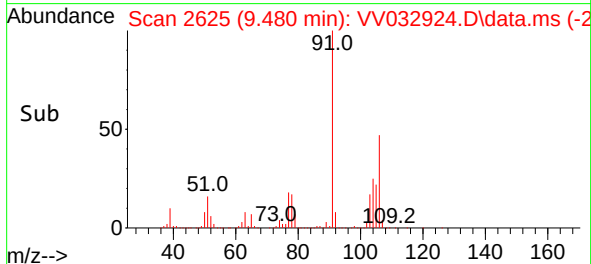
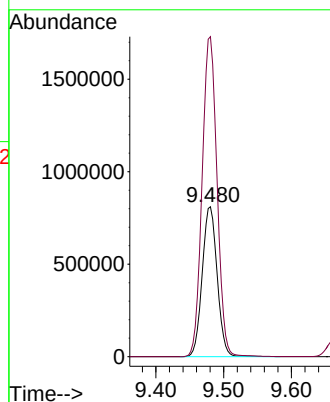
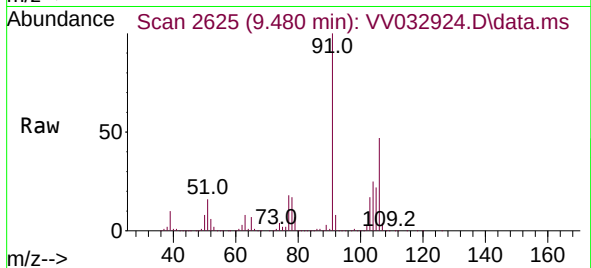
ClientSampleId :

Tgt Ion:106 Resp: 1239409

Ion Ratio Lower Upper

106 100

91 213.4 151.6 281.6



#55

Styrene

Concen: 229.050 ug/L

RT: 9.496 min Scan# 2630

Delta R.T. -0.000 min

Lab File: VV032924.D

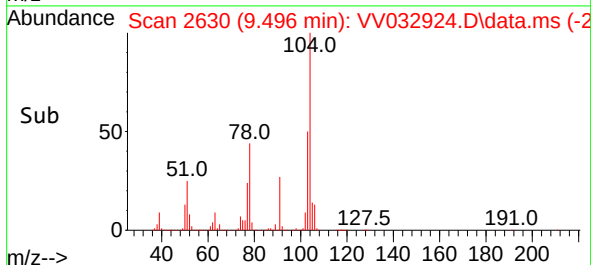
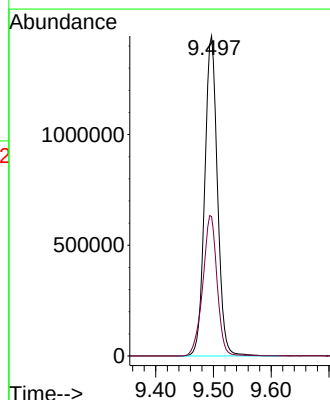
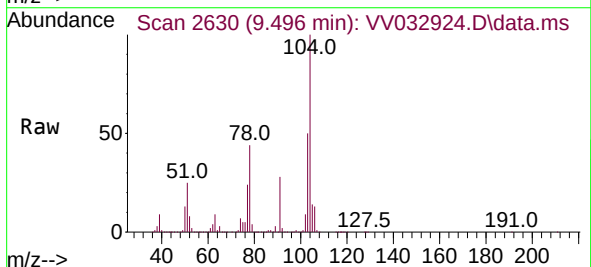
Acq: 13 Nov 2023 11:31

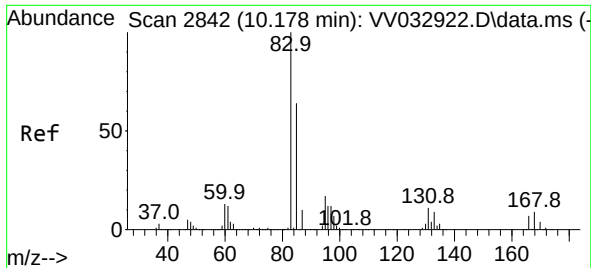
Tgt Ion:104 Resp: 2214612

Ion Ratio Lower Upper

104 100

78 43.6 29.8 55.4

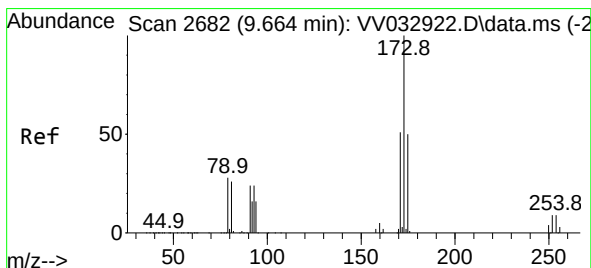
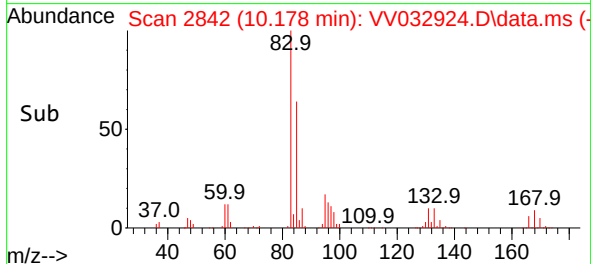
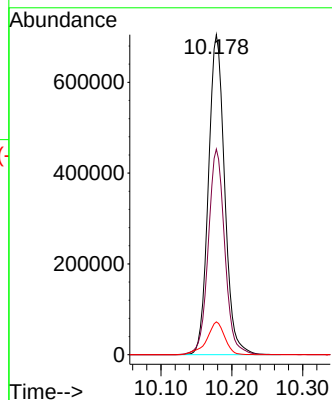
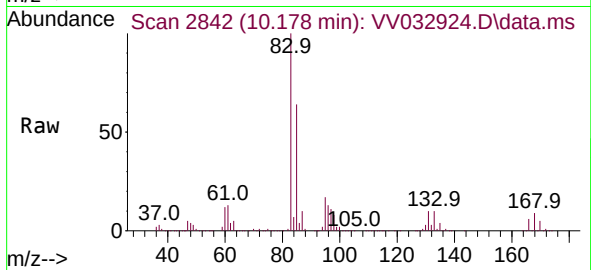




#57
1,1,2,2-Tetrachloroethane
Concen: 214.926 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

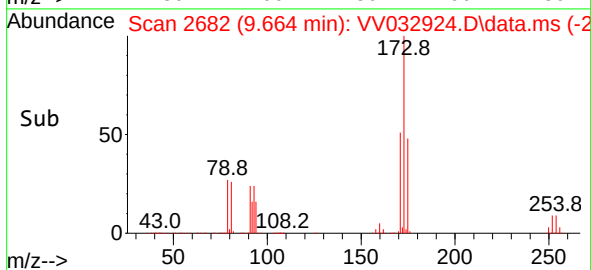
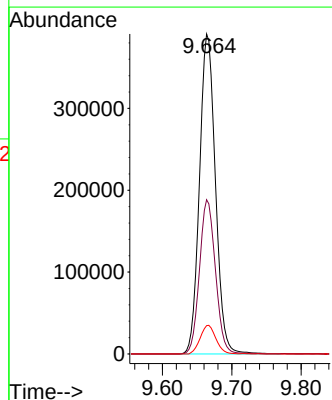
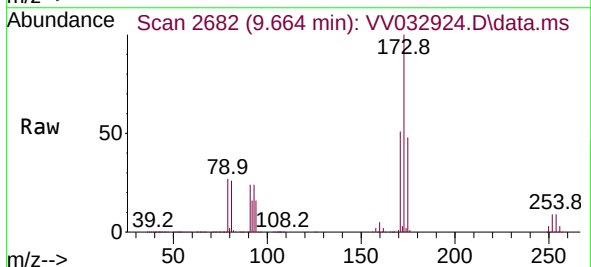
Instrument :
MSVOA_V
ClientSampleId :

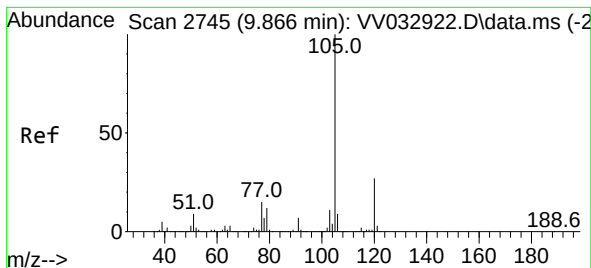
Tgt Ion: 83 Resp: 1121071
Ion Ratio Lower Upper
83 100
85 64.3 44.7 83.1
131 10.2 8.7 13.1



#59
Bromoform
Concen: 219.576 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

Tgt Ion: 173 Resp: 625605
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 8.8 7.0 10.6





#60

Isopropylbenzene

Concen: 211.752 ug/L

RT: 9.866 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

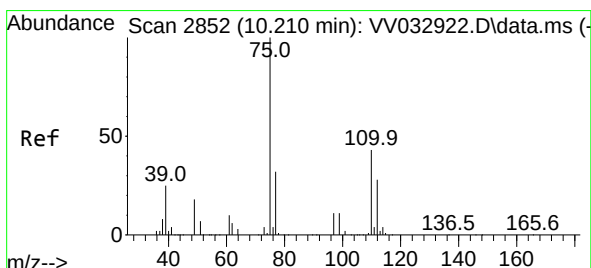
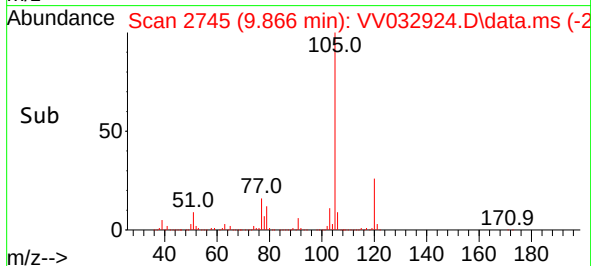
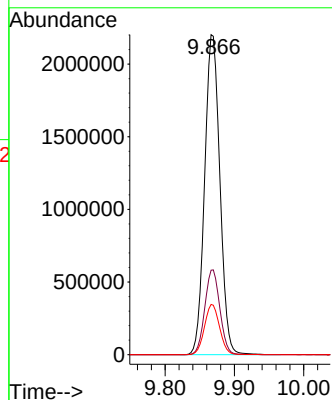
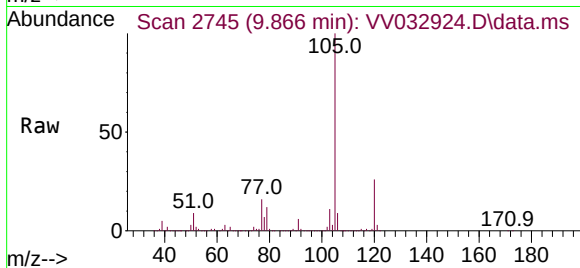
Tgt Ion:105 Resp: 3357141

Ion Ratio Lower Upper

105 100

120 26.2 21.4 32.2

77 15.5 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 204.982 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

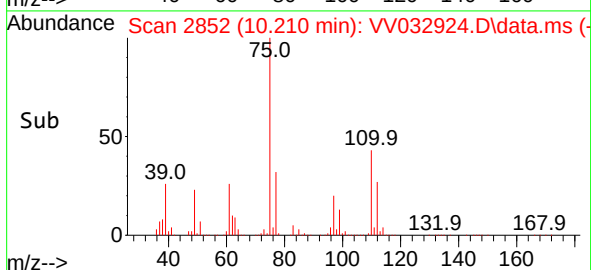
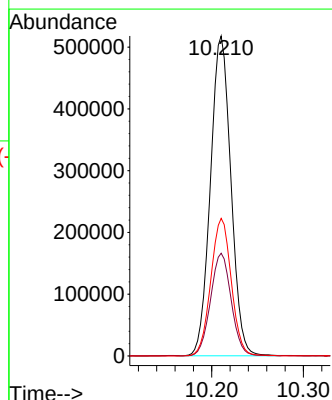
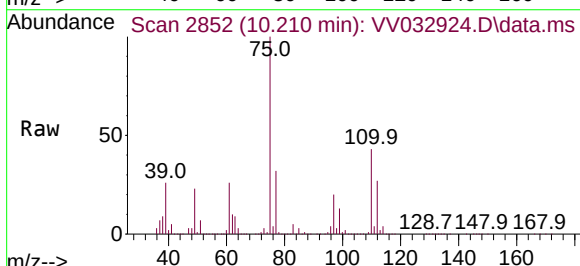
Tgt Ion: 75 Resp: 803587

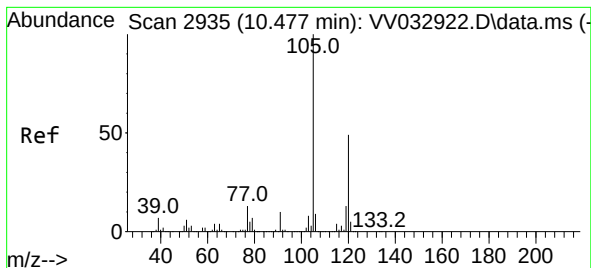
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

110 43.1 34.6 52.0

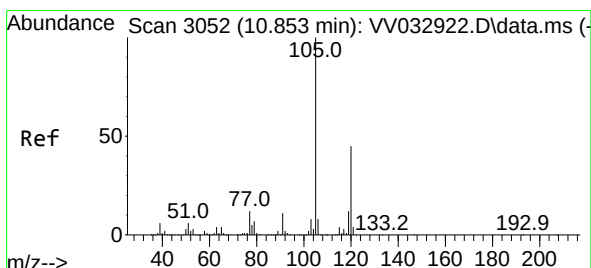
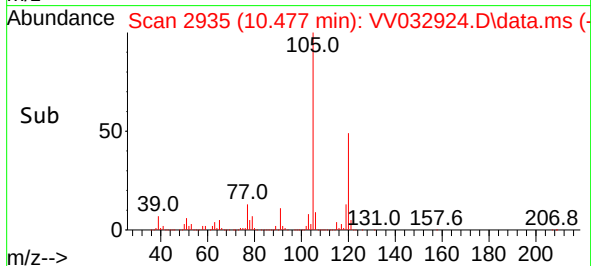
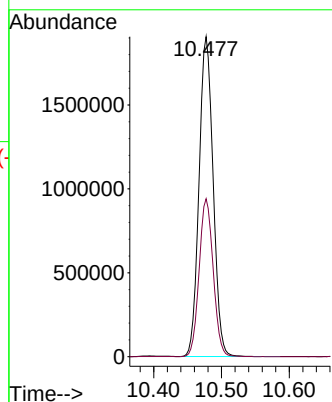
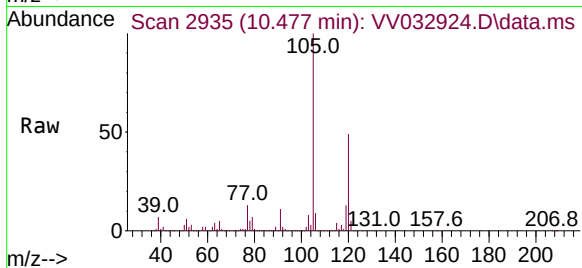




#62
 1,3,5-Trimethylbenzene
 Concen: 228.698 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. -0.000 min
 Lab File: VV032924.D
 Acq: 13 Nov 2023 11:31

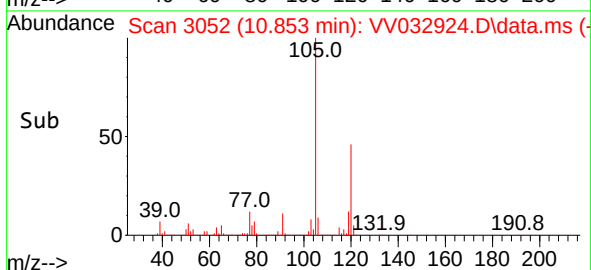
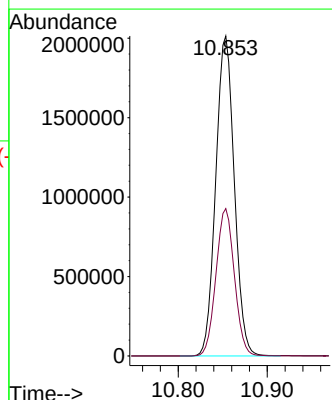
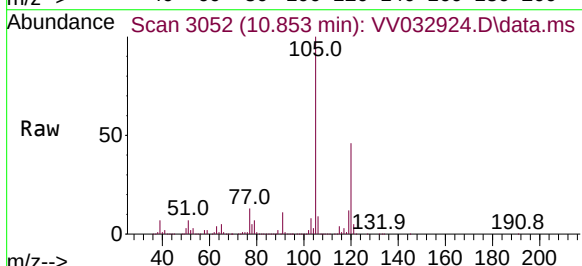
Instrument :
 MSVOA_V
 ClientSampleId :

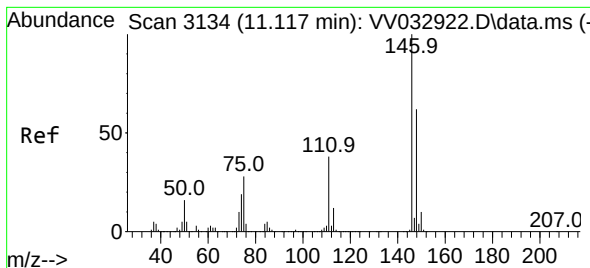
Tgt Ion:105 Resp: 2750496
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 231.672 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. -0.000 min
 Lab File: VV032924.D
 Acq: 13 Nov 2023 11:31

Tgt Ion:105 Resp: 2913325
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 206.545 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

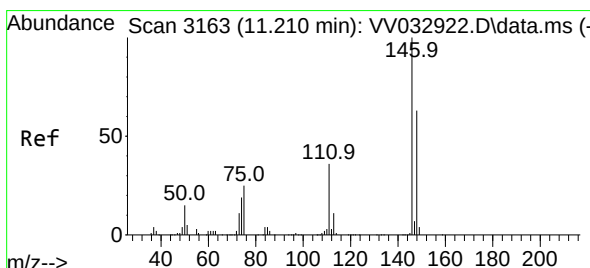
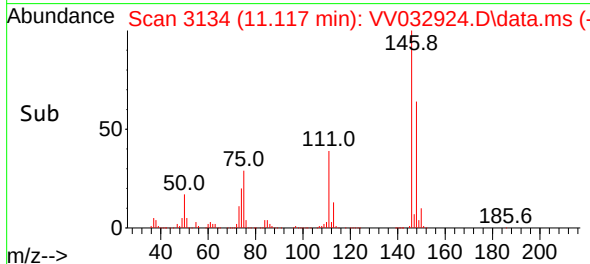
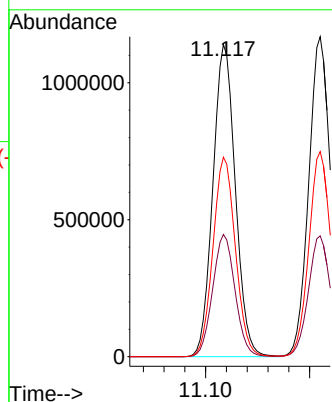
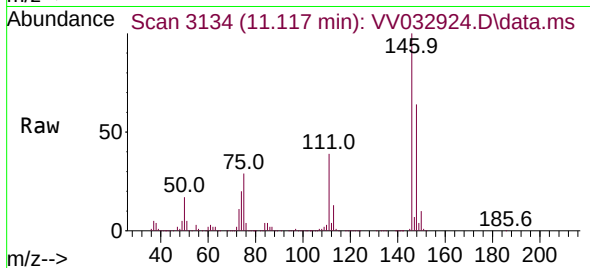
Tgt Ion:146 Resp: 1707885

Ion Ratio Lower Upper

146 100

111 39.1 26.9 49.9

148 63.9 43.6 81.0



#65

1,4-Dichlorobenzene

Concen: 195.555 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

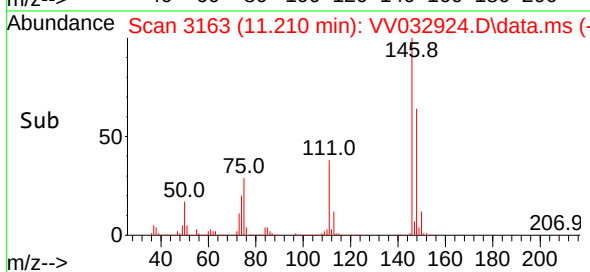
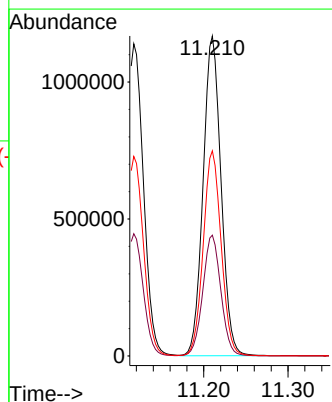
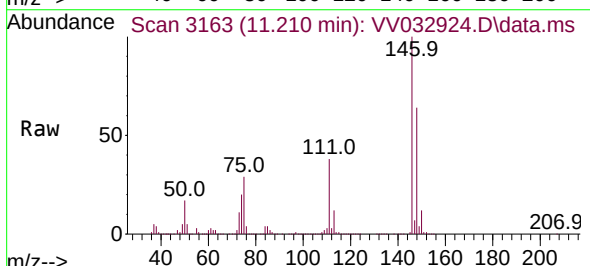
Tgt Ion:146 Resp: 1734221

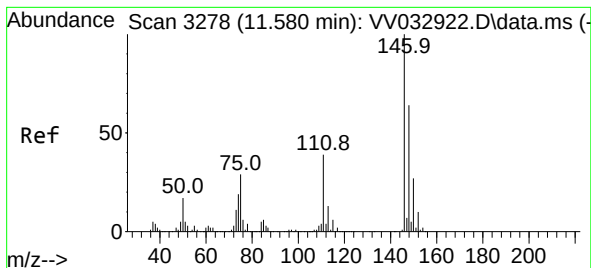
Ion Ratio Lower Upper

146 100

111 37.8 25.5 47.3

148 64.1 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 204.481 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

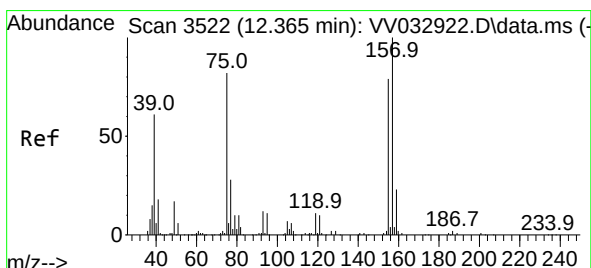
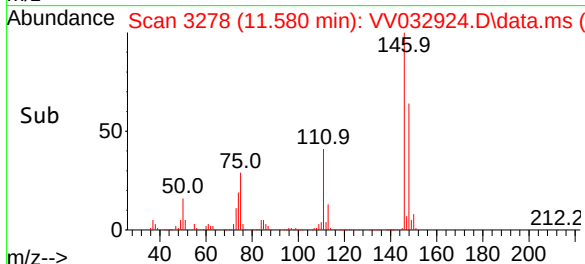
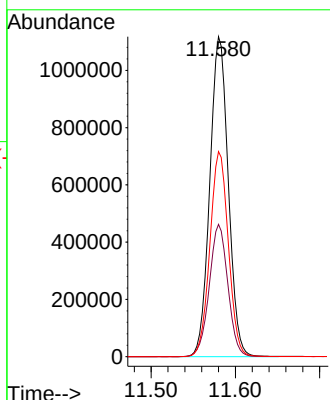
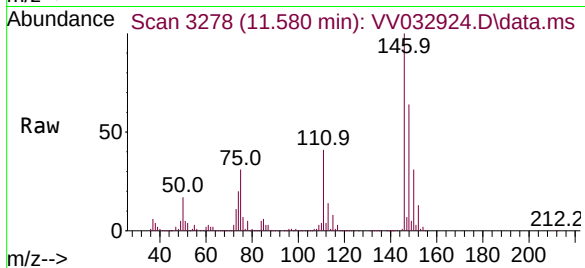
Tgt Ion:146 Resp: 1700285

Ion Ratio Lower Upper

146 100

111 41.4 31.1 46.7

148 64.1 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 222.736 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

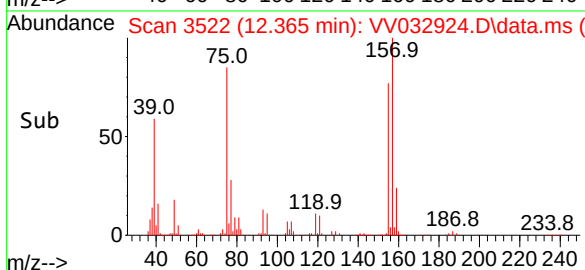
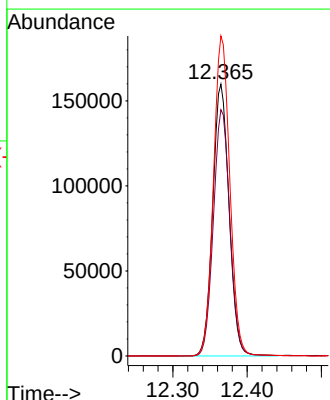
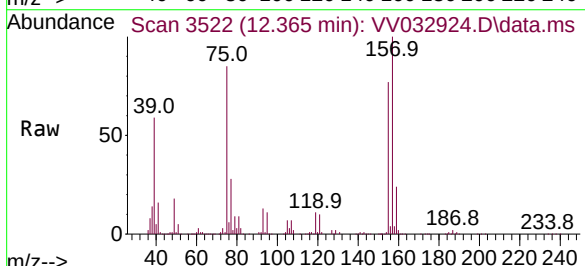
Tgt Ion: 75 Resp: 244030

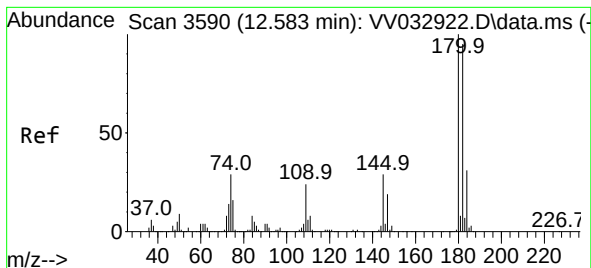
Ion Ratio Lower Upper

75 100

155 90.6 76.8 115.2

157 117.7 97.6 146.4





#69

1,3,5-Trichlorobenzene

Concen: 210.257 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

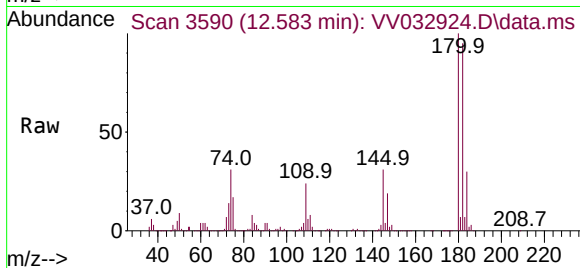
Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1304393

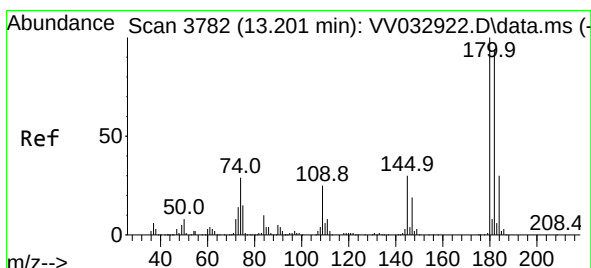
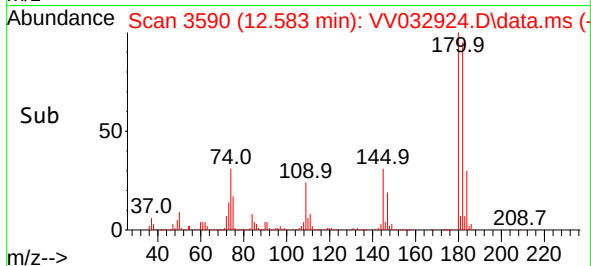
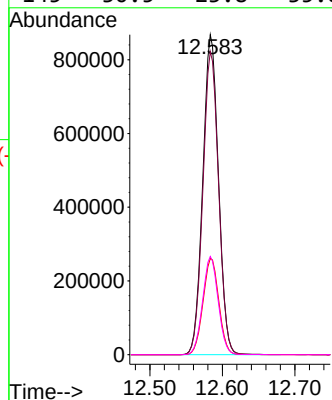
Ion Ratio Lower Upper

180 100

182 95.0 75.9 113.9

184 30.3 24.6 36.8

145 30.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 220.546 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032924.D

Acq: 13 Nov 2023 11:31

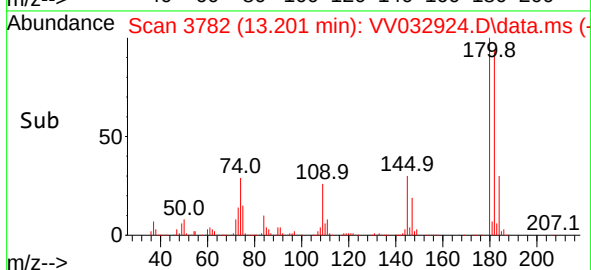
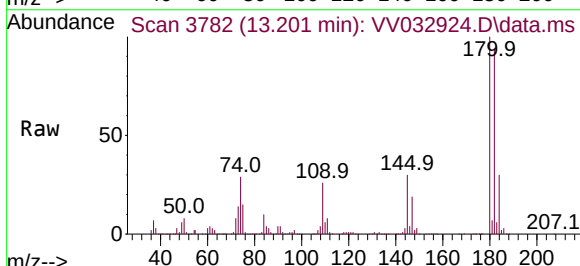
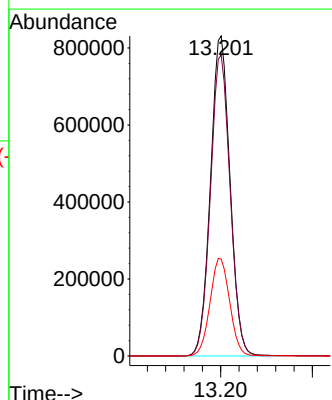
Tgt Ion:180 Resp: 1229050

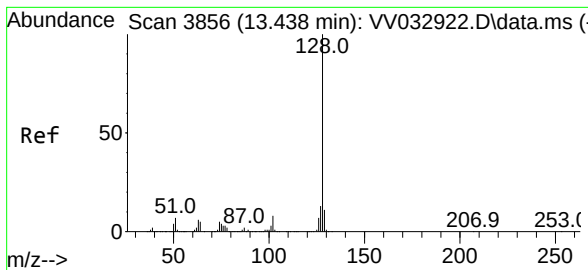
Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.4

145 30.6 24.3 36.5

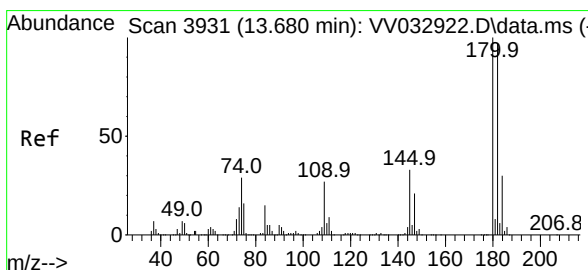
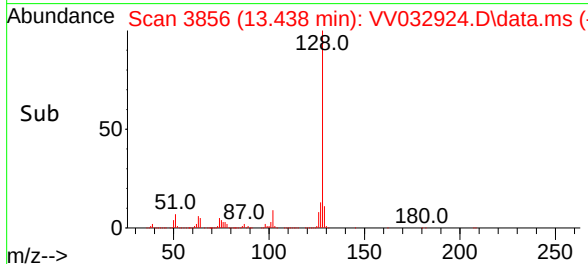
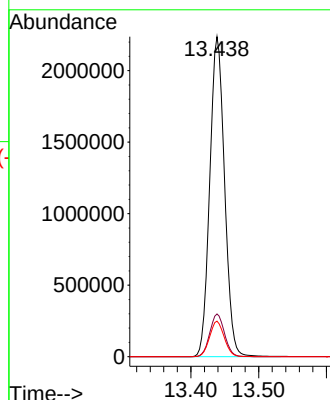
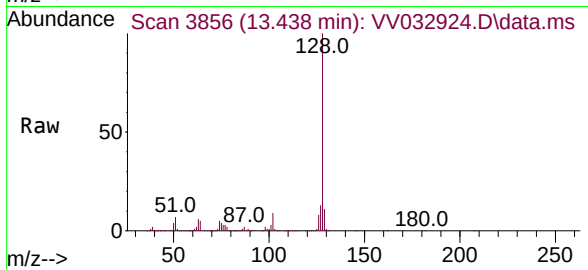




#71
Naphthalene
Concen: 231.707 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 3393274
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 208.618 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV032924.D
Acq: 13 Nov 2023 11:31

Tgt Ion:180 Resp: 1170035
Ion Ratio Lower Upper
180 100
182 94.7 76.9 115.3
145 32.1 26.1 39.1

