

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022924\
 Data File : VW034472.D
 Acq On : 29 Feb 2024 10:21
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 00:58:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 00:56:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	305615	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	284449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	152028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	278919	116.658	ug/L	0.00
7) Chloroethane-d5	1.526	69	211762	110.773	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	125956	119.798	ug/L	0.00
21) 2-Butanone-d5	3.780	46	391257	235.442	ug/L	0.00
24) Chloroform-d	4.246	84	492075	113.975	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	326246	116.427	ug/L	0.00
32) Benzene-d6	4.957	84	920454	112.236	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	275414	104.099	ug/L	0.00
41) Toluene-d8	7.239	98	826035	111.866	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	145555	110.513	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	290745	251.083	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	357300	104.342	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	320898	109.771	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	316066	116.074	ug/L	100
3) Chloromethane	1.217	50	303769	102.231	ug/L	100
5) Vinyl chloride	1.285	62	303408	106.314	ug/L	99
6) Bromomethane	1.484	94	181141	118.691	ug/L	100
8) Chloroethane	1.542	64	180797	106.421	ug/L	99
9) Trichlorofluoromethane	1.709	101	455513	126.954	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	243547	117.717	ug/L	99
12) 1,1-Dichloroethene	2.069	96	227252	117.238	ug/L	99
13) Acetone	2.114	43	402802	244.176	ug/L	99
14) Carbon disulfide	2.240	76	645708	102.497	ug/L	99
15) Methyl Acetate	2.371	43	278959	108.135	ug/L	99
16) Methylene chloride	2.445	84	238532	103.884	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	221544	105.505	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	808884	107.167	ug/L	99
19) 1,1-Dichloroethane	3.108	63	432126	101.671	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	244901	105.120	ug/L	97
22) 2-Butanone	3.860	43	421726	220.445	ug/L	97
23) Bromochloromethane	4.143	128	125029	108.706	ug/L	96
25) Chloroform	4.275	83	444555	108.373	ug/L	99
27) 1,2-Dichloroethane	5.037	62	369640	107.949	ug/L	98
29) Cyclohexane	4.580	56	375910	94.381	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	409399	114.580	ug/L	99
31) Carbon tetrachloride	4.731	117	362365	118.178	ug/L	99
33) Benzene	5.008	78	884274	104.043	ug/L	100
34) Trichloroethene	5.831	95	247598	107.680	ug/L	98
35) Methylcyclohexane	6.050	83	387695	100.264	ug/L	99
37) 1,2-Dichloropropane	6.092	63	234357	101.623	ug/L	99
38) Bromodichloromethane	6.429	83	325788	105.793	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	395449	101.584	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	705513	205.918	ug/L	99
42) Toluene	7.313	91	941283	104.561	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	379750	106.438	ug/L	99

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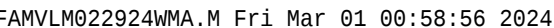
Instrument :
 MSVOA_V
 ClientSampleId :

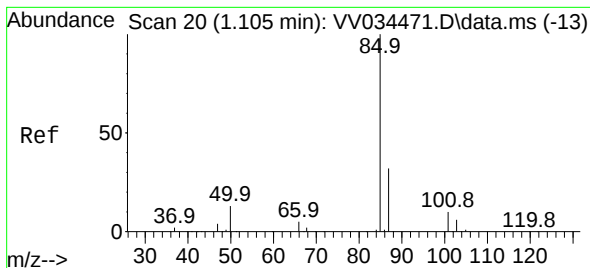
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	224654	105.919	ug/L	99
46) Tetrachloroethene	7.902	164	186805	110.096	ug/L	100
48) 2-Hexanone	8.072	43	563807	205.695	ug/L	98
49) Dibromochloromethane	8.175	129	239494	107.527	ug/L	98
50) 1,2-Dibromoethane	8.278	107	236504	105.241	ug/L	99
51) Chlorobenzene	8.812	112	603532	105.657	ug/L	99
52) Ethylbenzene	8.944	91	1060575	102.378	ug/L	99
53) m,p-Xylene	9.072	106	400570	104.926	ug/L	99
54) o-Xylene	9.477	106	388883	102.501	ug/L	98
55) Styrene	9.493	104	673111	103.077	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	329154	98.378	ug/L	99
59) Bromoform	9.664	173	172894	105.733	ug/L	100
60) Isopropylbenzene	9.866	105	1067001	102.032	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	279539	101.821	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	912756	101.755	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	913276	102.667	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	493960	104.257	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	495818	104.364	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	485937	104.702	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	92293	115.800	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	377085	107.418	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	355975	111.466	ug/L	99
71) Naphthalene	13.435	128	1024551	120.991	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	344349	114.209	ug/L	99

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

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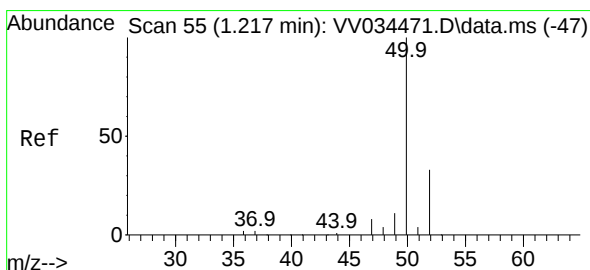
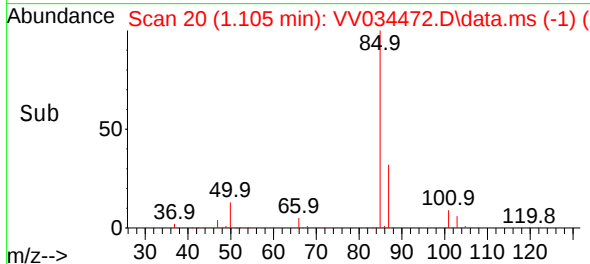
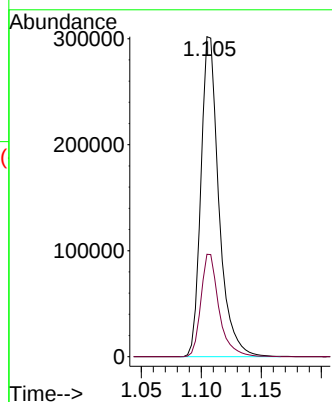
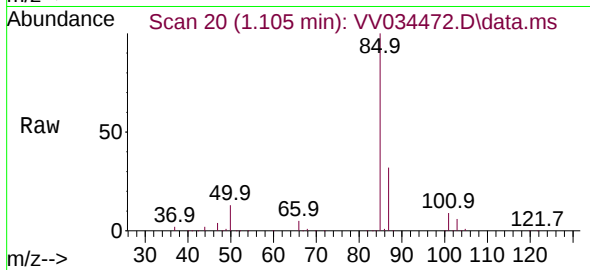




#2
Dichlorodifluoromethane
Concen: 116.074 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

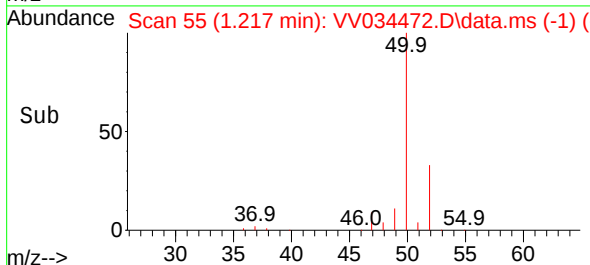
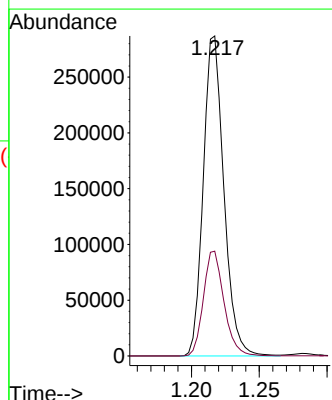
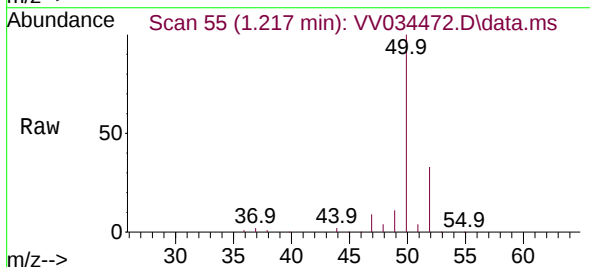
Instrument :
MSVOA_V
ClientSampleId :

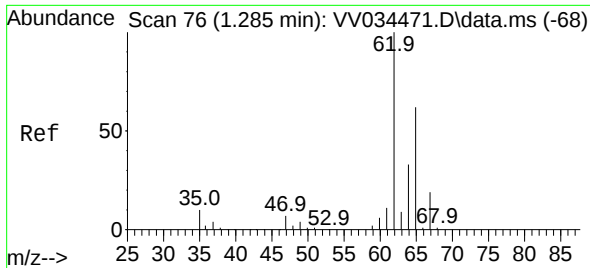
Tgt Ion: 85 Resp: 316066
Ion Ratio Lower Upper
85 100
87 32.1 25.5 38.3



#3
Chloromethane
Concen: 102.231 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

Tgt Ion: 50 Resp: 303769
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8

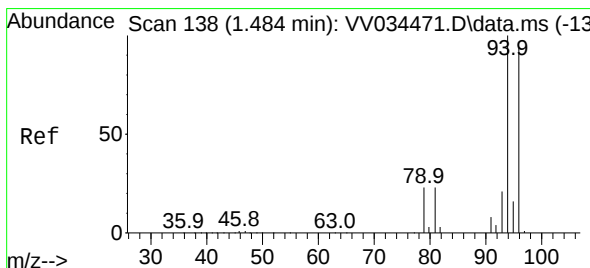
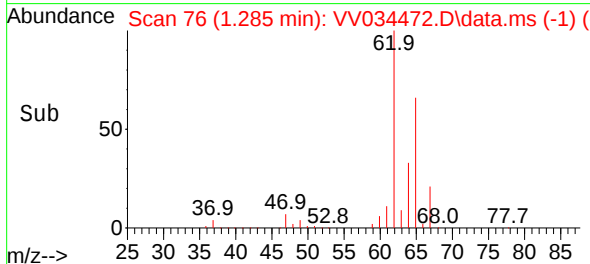
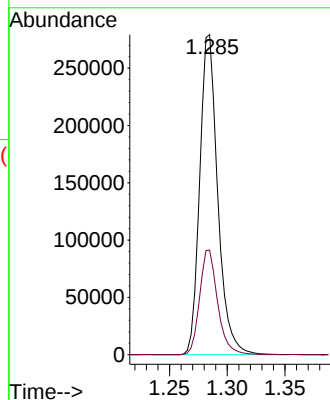
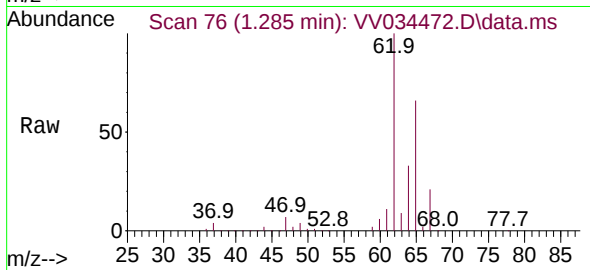




#5
 Vinyl chloride
 Concen: 106.314 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034472.D
 Acq: 29 Feb 2024 10:21

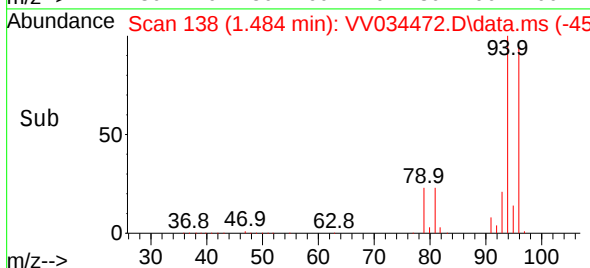
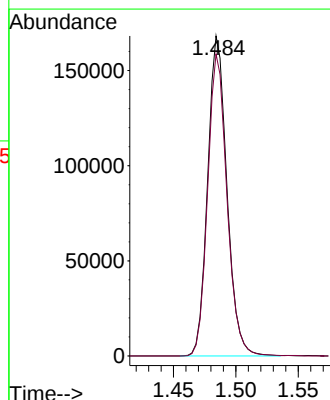
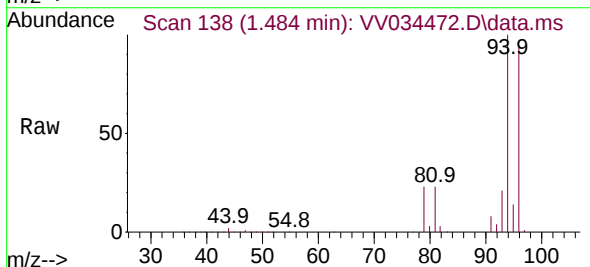
Instrument :
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 ClientSampleId :

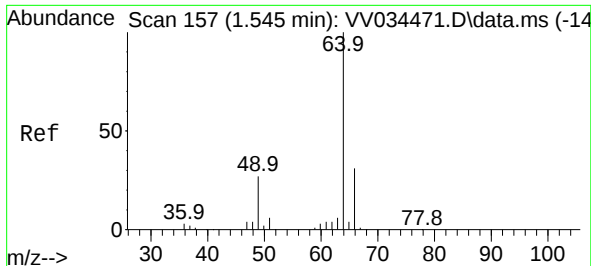
Tgt Ion: 62 Resp: 303408
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.6



#6
 Bromomethane
 Concen: 118.691 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV034472.D
 Acq: 29 Feb 2024 10:21

Tgt Ion: 94 Resp: 181141
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.0 122.6

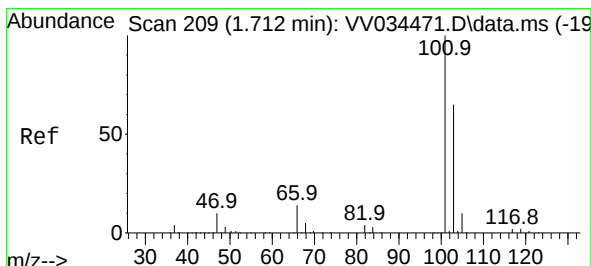
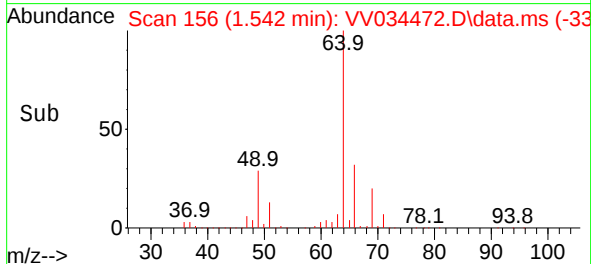
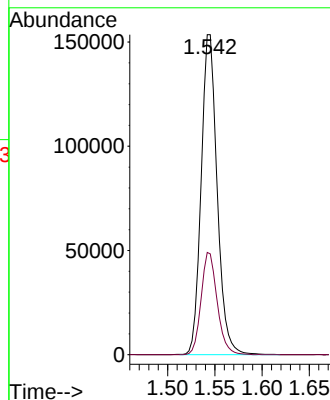
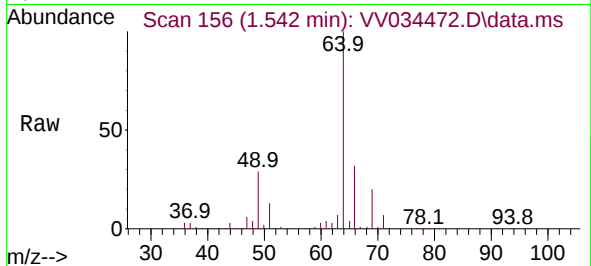




#8
Chloroethane
Concen: 106.421 ug/L
RT: 1.542 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

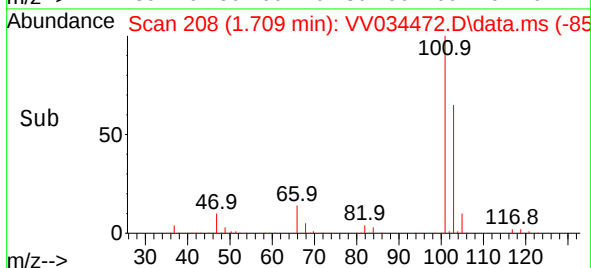
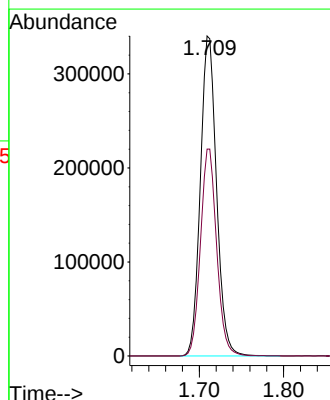
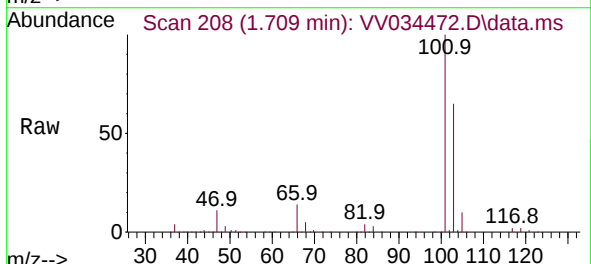
Instrument :
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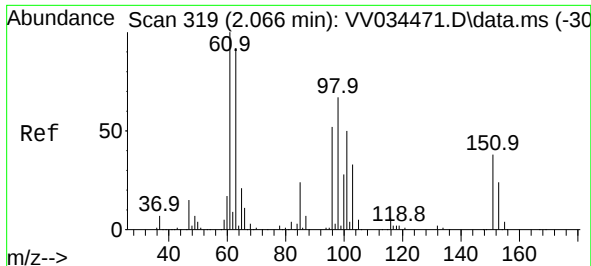
Tgt Ion: 64 Resp: 180797
Ion Ratio Lower Upper
64 100
66 31.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 126.954 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

Tgt Ion:101 Resp: 455513
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

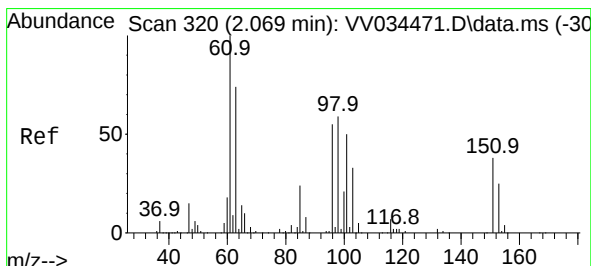
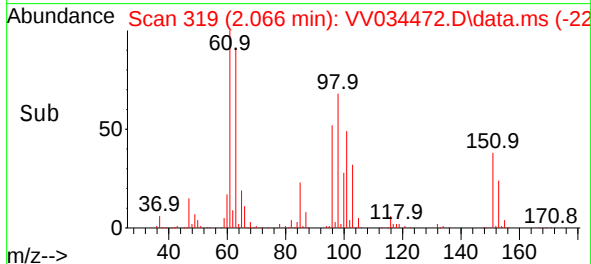
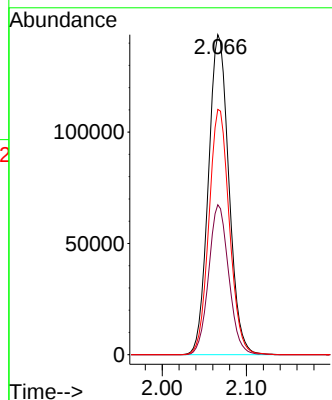
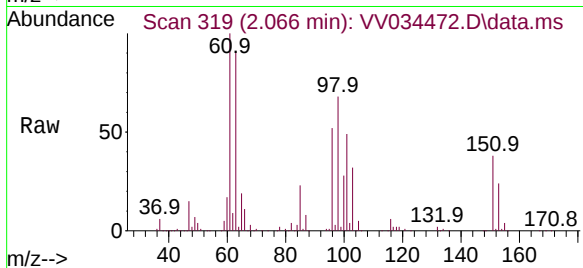




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 117.717 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

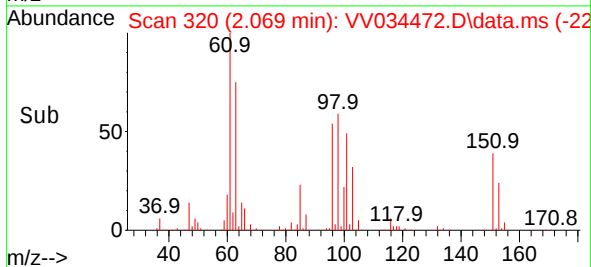
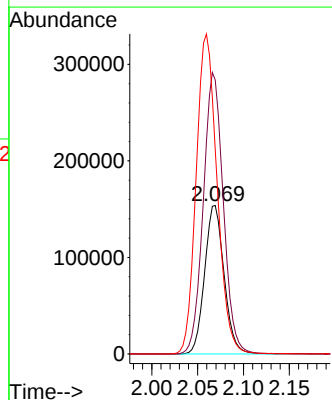
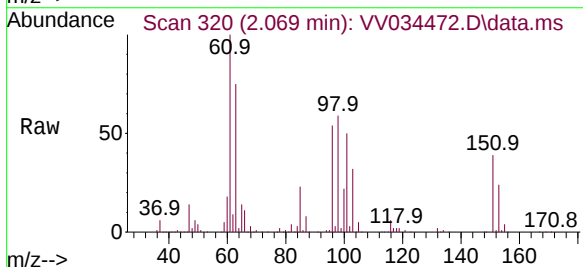
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ClientSampleId :

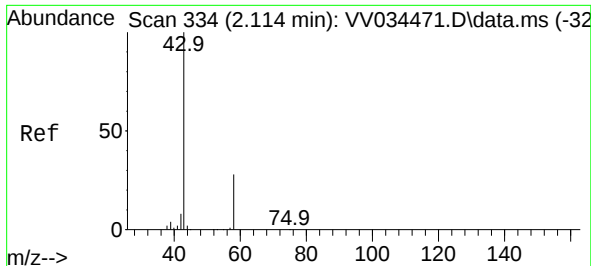
Tgt Ion:101 Resp: 243547
Ion Ratio Lower Upper
101 100
85 45.7 37.4 56.0
151 76.4 61.4 92.2



#12
1,1-Dichloroethene
Concen: 117.238 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

Tgt Ion: 96 Resp: 227252
Ion Ratio Lower Upper
96 100
61 184.4 128.9 239.3
63 137.6 98.0 182.0





#13

Acetone

Concen: 244.176 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

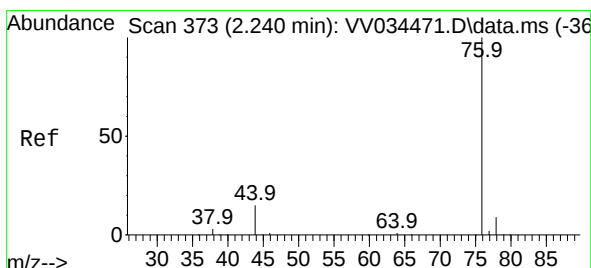
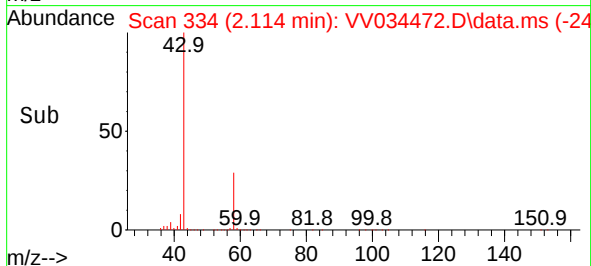
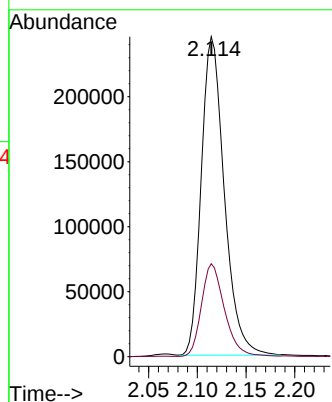
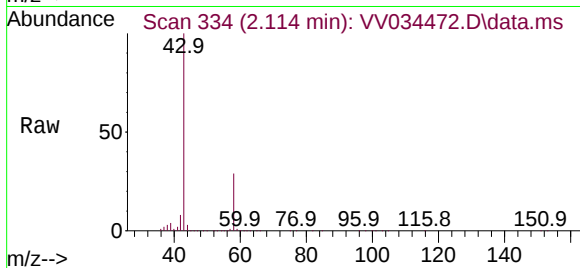
ClientSampleId :

Tgt Ion: 43 Resp: 402802

Ion Ratio Lower Upper

43 100

58 29.0 0.0 57.2



#14

Carbon disulfide

Concen: 102.497 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034472.D

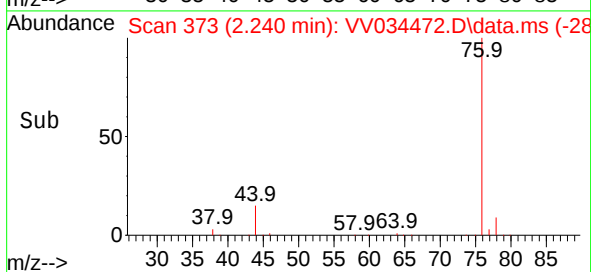
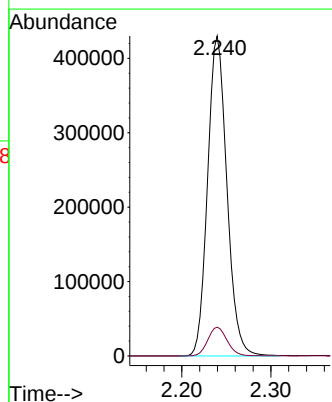
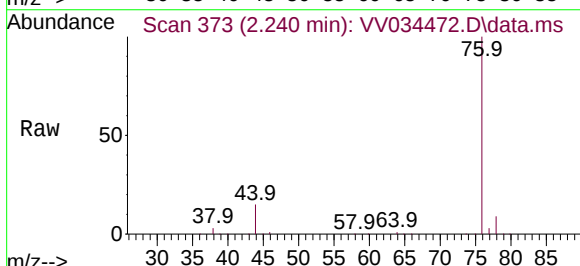
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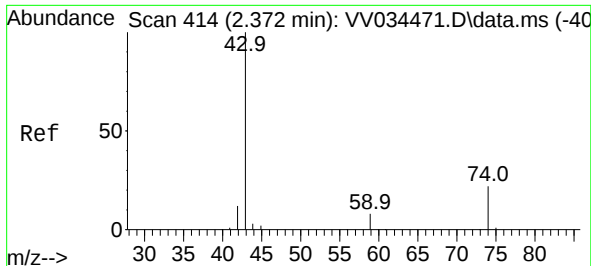
Tgt Ion: 76 Resp: 645708

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 108.135 ug/L

RT: 2.371 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

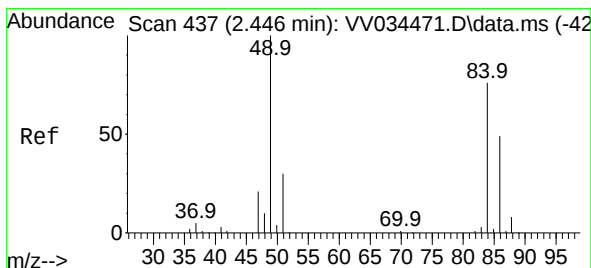
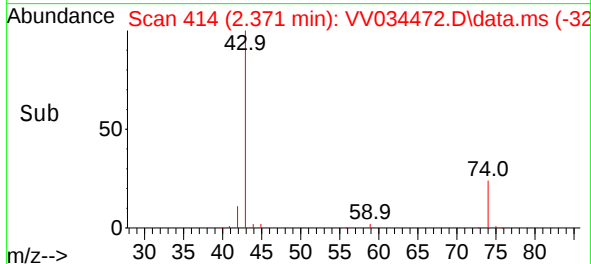
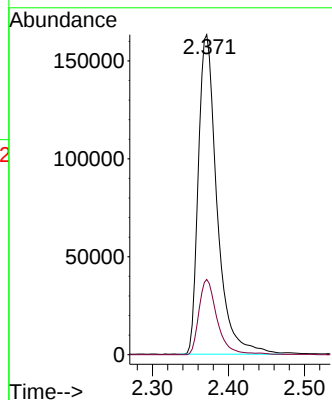
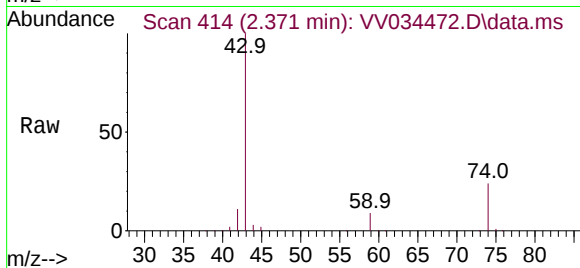
ClientSampleId :

Tgt Ion: 43 Resp: 278959

Ion Ratio Lower Upper

43 100

74 22.7 17.8 26.8



#16

Methylene chloride

Concen: 103.884 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

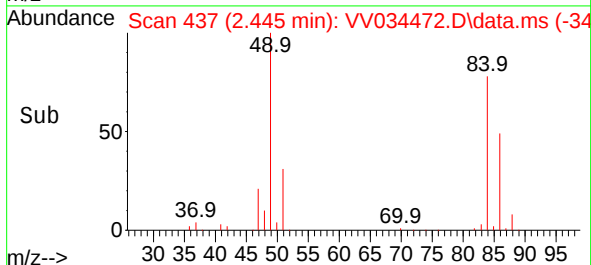
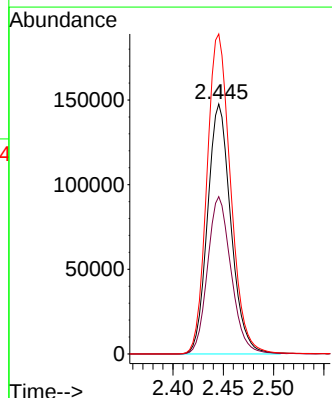
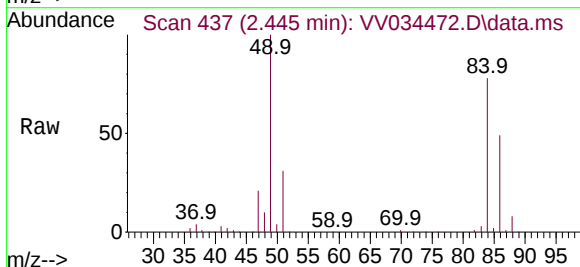
Tgt Ion: 84 Resp: 238532

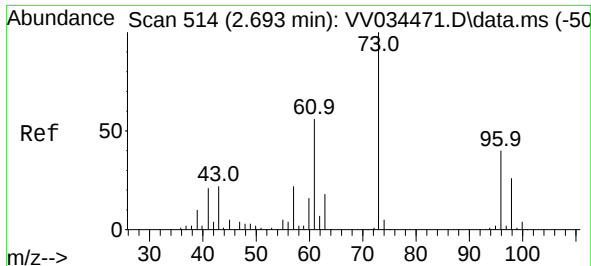
Ion Ratio Lower Upper

84 100

86 62.9 45.6 84.6

49 128.1 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 105.505 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :

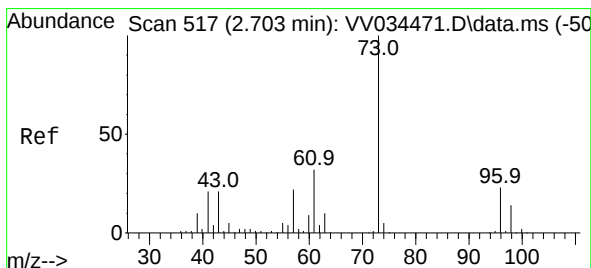
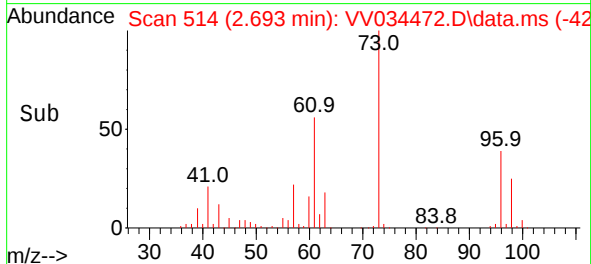
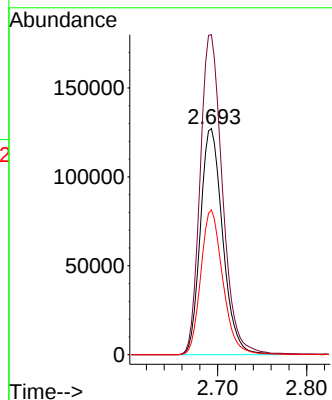
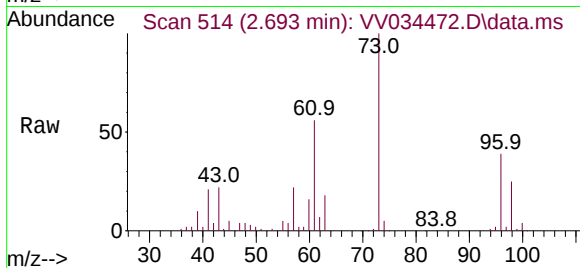
Tgt Ion: 96 Resp: 221544

Ion Ratio Lower Upper

96 100

61 141.5 98.8 183.4

98 64.0 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 107.167 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

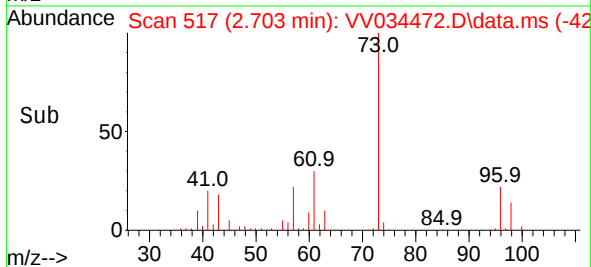
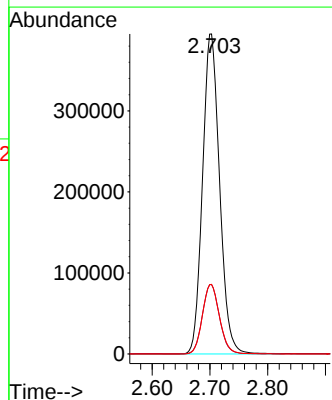
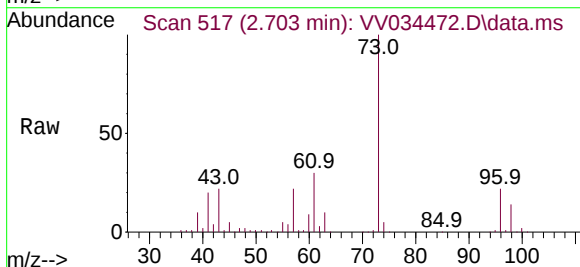
Tgt Ion: 73 Resp: 808884

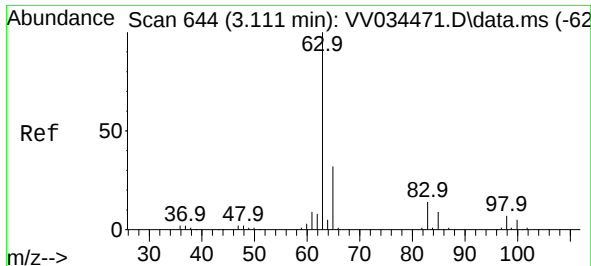
Ion Ratio Lower Upper

73 100

43 21.6 17.1 25.7

57 21.7 17.6 26.4





#19

1,1-Dichloroethane

Concen: 101.671 ug/L

RT: 3.108 min Scan# 644

Delta R.T. -0.003 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :

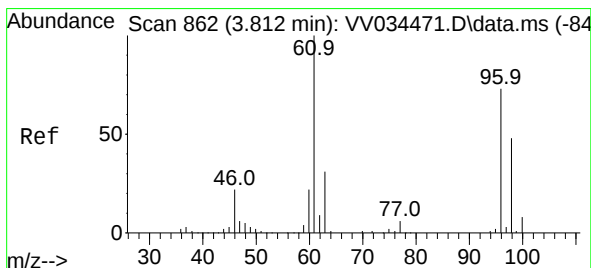
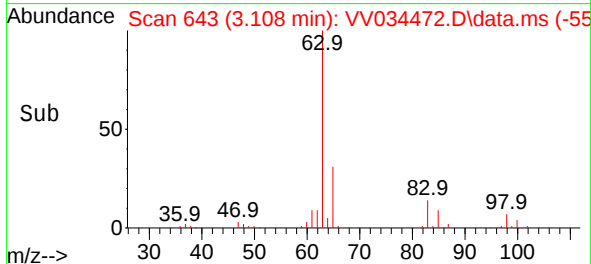
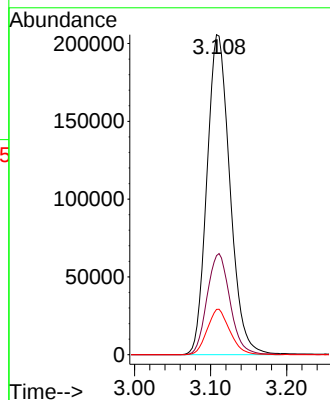
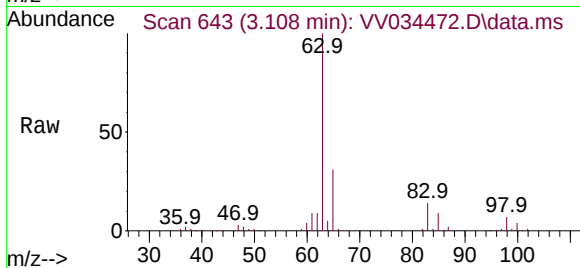
Tgt Ion: 63 Resp: 432126

Ion Ratio Lower Upper

63 100

65 31.0 22.1 41.1

83 14.1 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 105.120 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

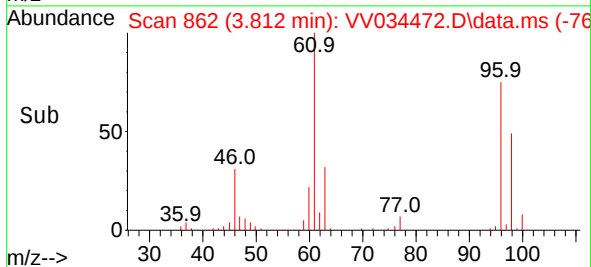
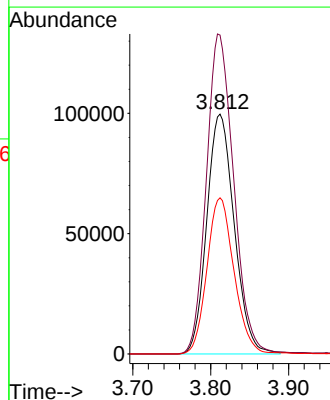
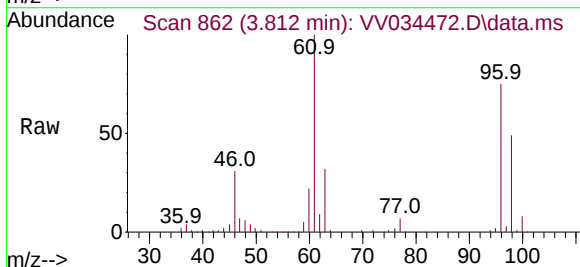
Tgt Ion: 96 Resp: 244901

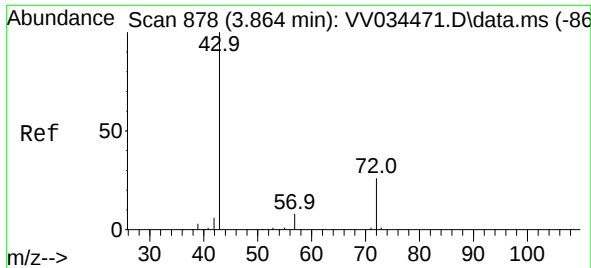
Ion Ratio Lower Upper

96 100

61 132.9 96.0 178.4

98 65.1 46.0 85.4





#22

2-Butanone

Concen: 220.445 ug/L

RT: 3.860 min Scan# 81

Delta R.T. -0.003 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

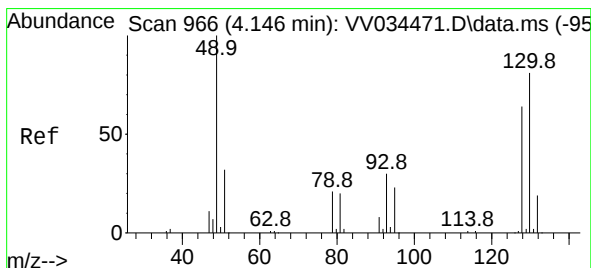
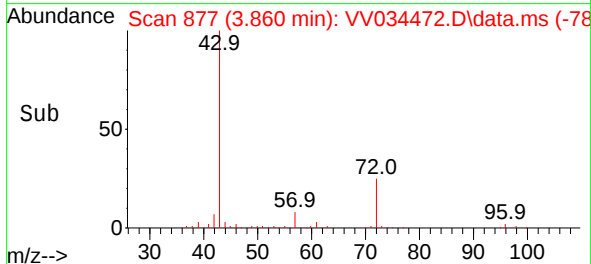
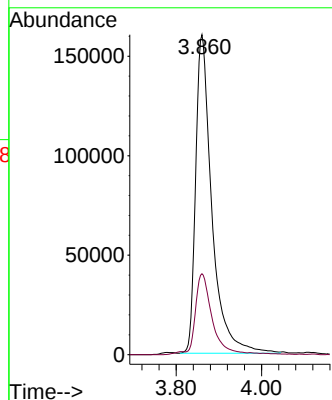
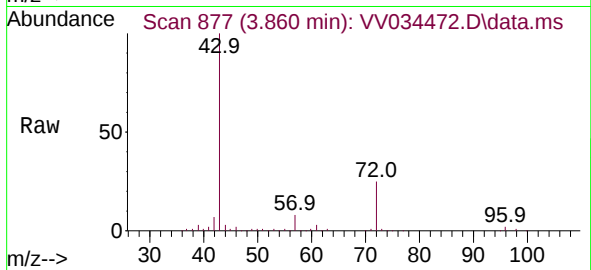
ClientSampleId :

Tgt Ion: 43 Resp: 421726

Ion Ratio Lower Upper

43 100

72 24.4 11.5 34.4



#23

Bromochloromethane

Concen: 108.706 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.003 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Tgt Ion:128 Resp: 125029

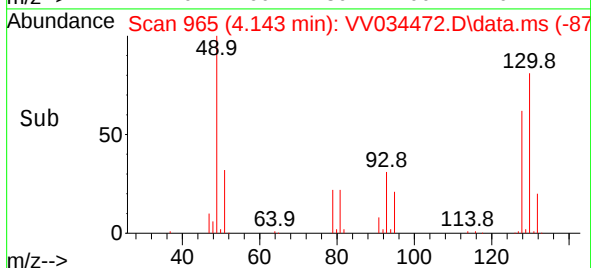
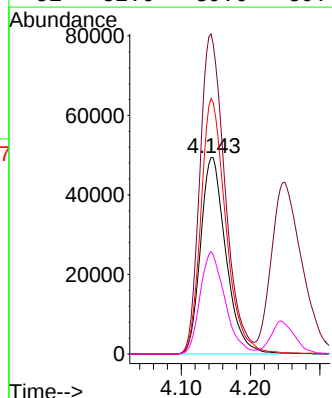
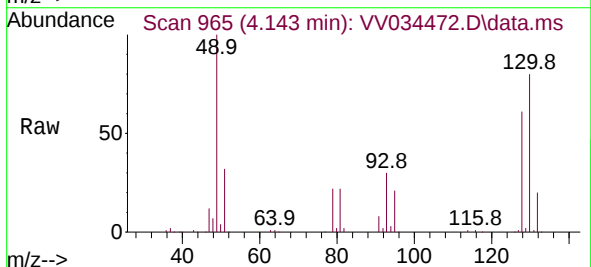
Ion Ratio Lower Upper

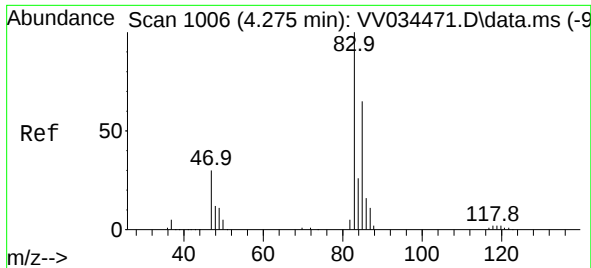
128 100

49 162.8 109.4 203.2

130 130.0 87.7 162.9

51 52.0 39.6 59.4

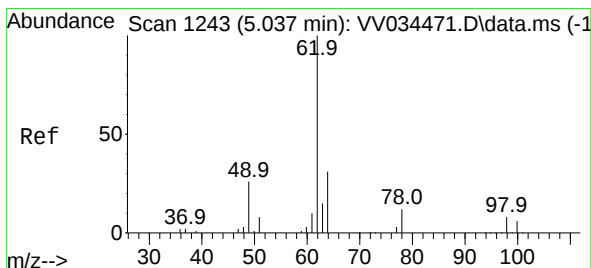
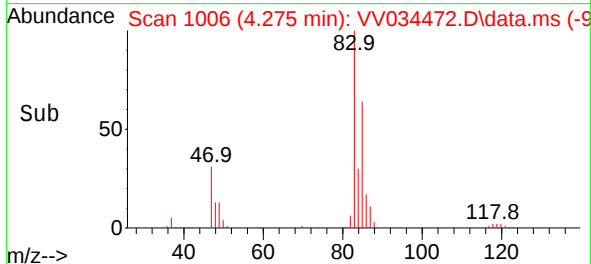
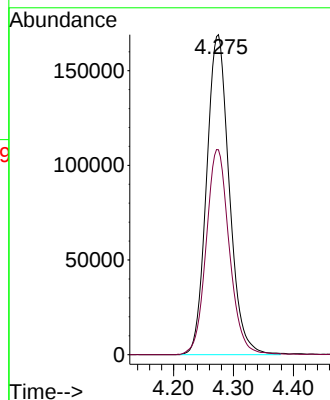
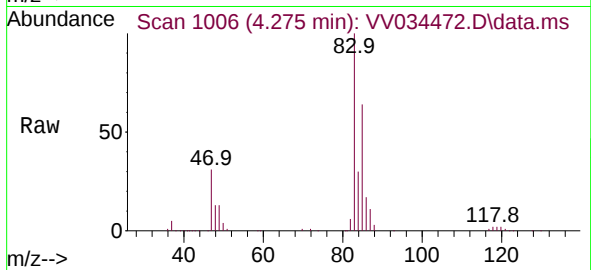




#25
Chloroform
Concen: 108.373 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

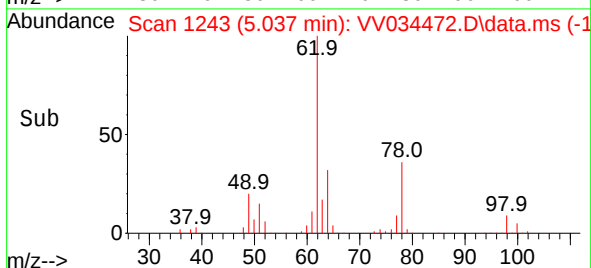
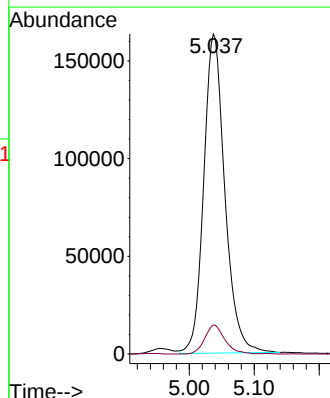
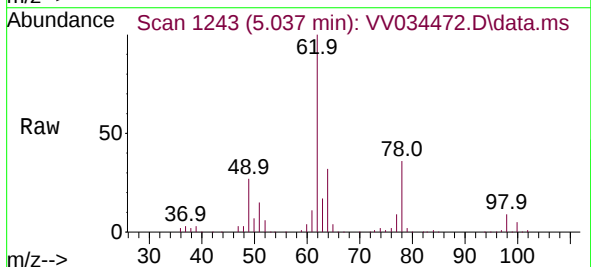
Instrument :
MSVOA_V
ClientSampleId :

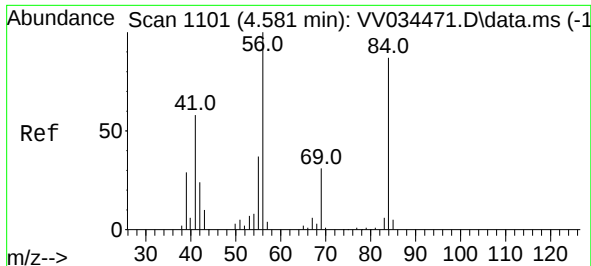
Tgt Ion: 83 Resp: 444555
Ion Ratio Lower Upper
83 100
85 64.0 45.5 84.5



#27
1,2-Dichloroethane
Concen: 107.949 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

Tgt Ion: 62 Resp: 369640
Ion Ratio Lower Upper
62 100
98 9.1 6.6 10.0





#29

Cyclohexane

Concen: 94.381 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

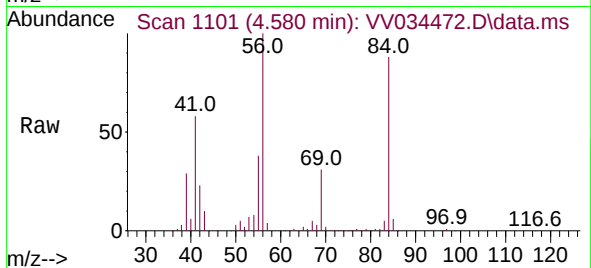
Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :



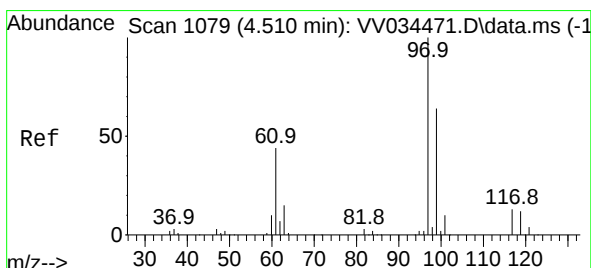
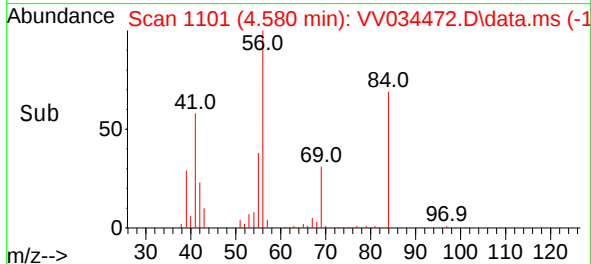
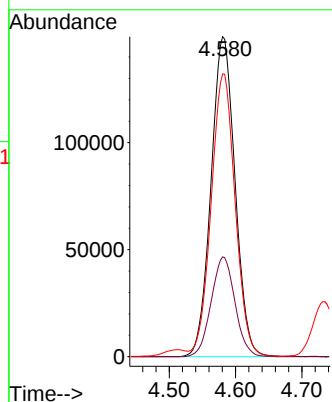
Tgt Ion: 56 Resp: 375910

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.4

84 88.2 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 114.580 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

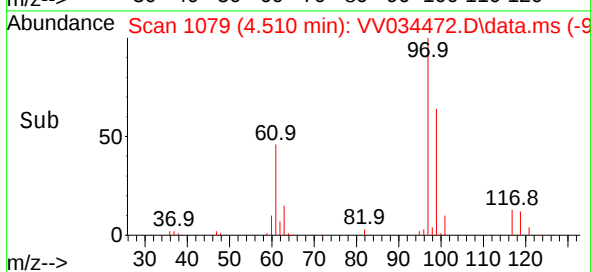
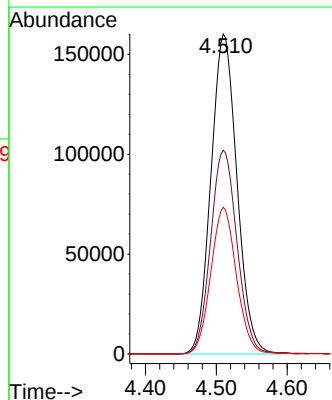
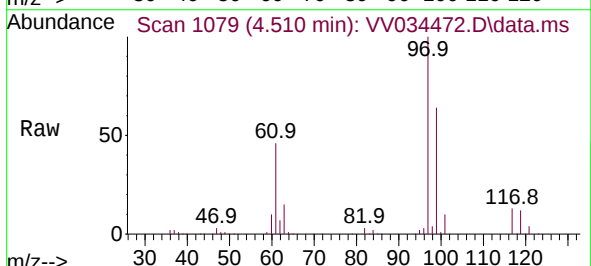
Tgt Ion: 97 Resp: 409399

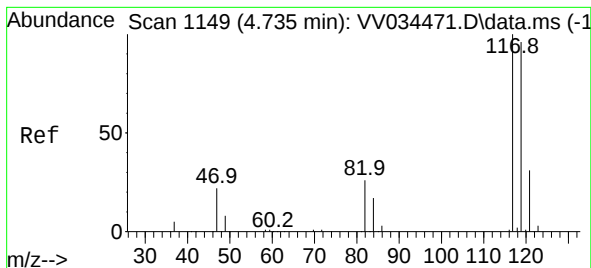
Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

61 45.3 36.0 54.0





#31

Carbon tetrachloride

Concen: 118.178 ug/L

RT: 4.731 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

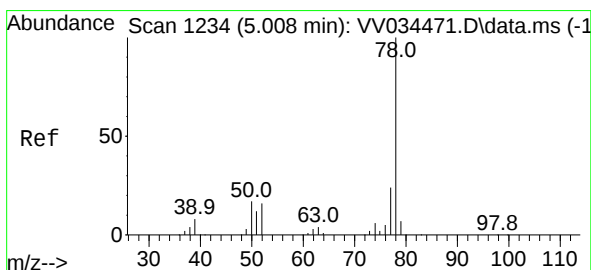
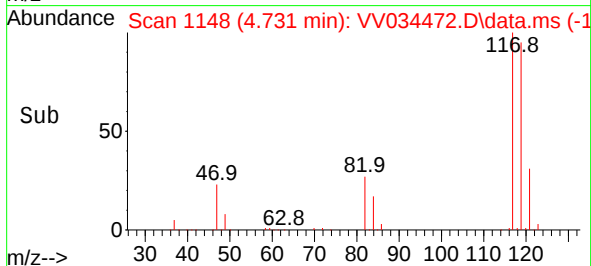
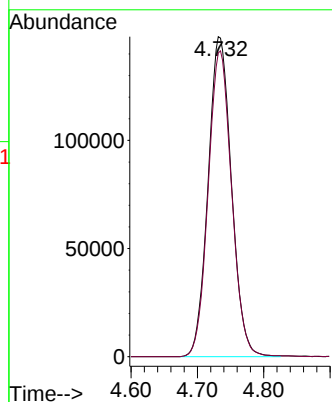
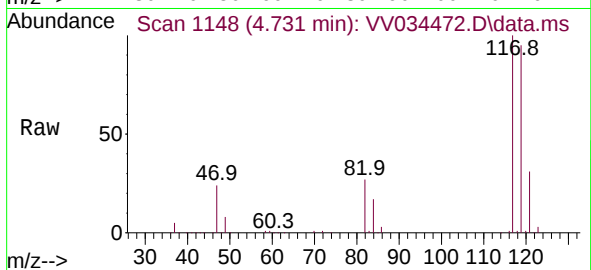
ClientSampleId :

Tgt Ion:117 Resp: 362365

Ion Ratio Lower Upper

117 100

119 95.6 77.5 116.3



#33

Benzene

Concen: 104.043 ug/L

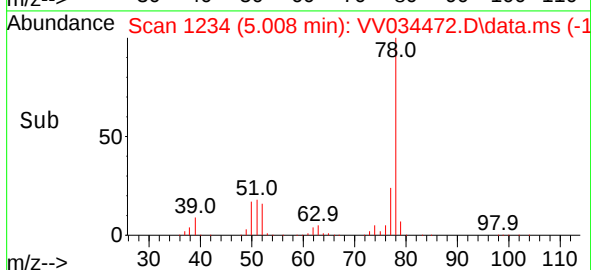
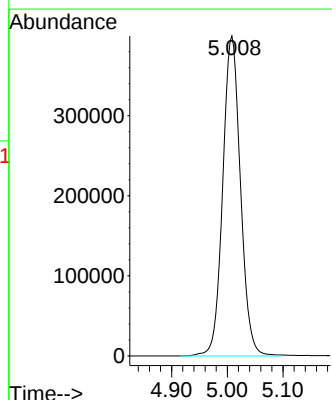
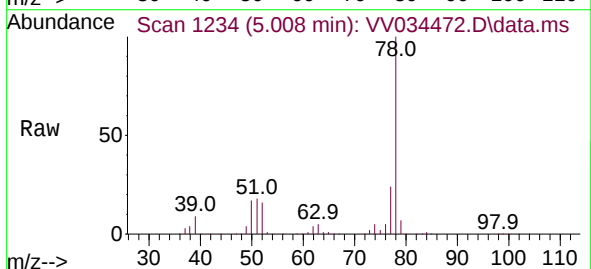
RT: 5.008 min Scan# 1234

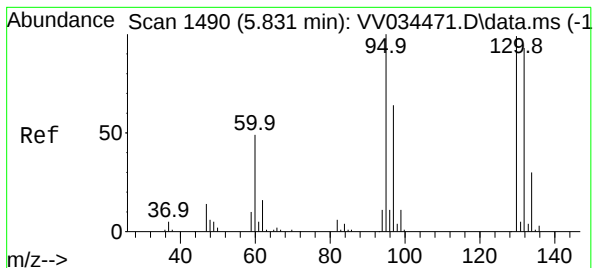
Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Tgt Ion: 78 Resp: 884274





#34

Trichloroethene

Concen: 107.680 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 247598

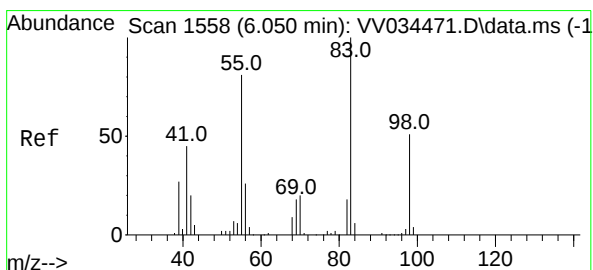
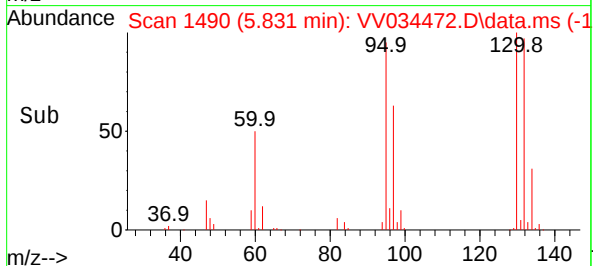
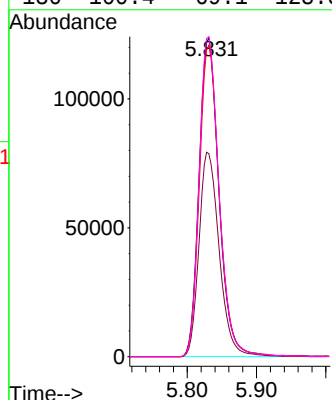
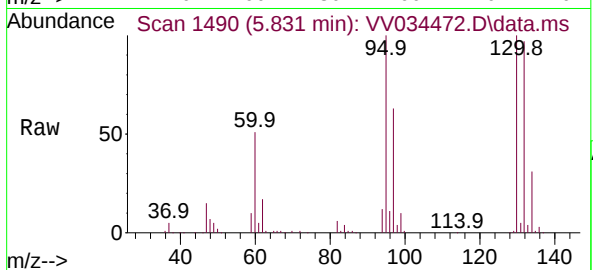
Ion Ratio Lower Upper

95 100

97 63.7 44.7 83.1

132 97.7 65.3 121.3

130 100.4 69.1 128.3



#35

Methylcyclohexane

Concen: 100.264 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

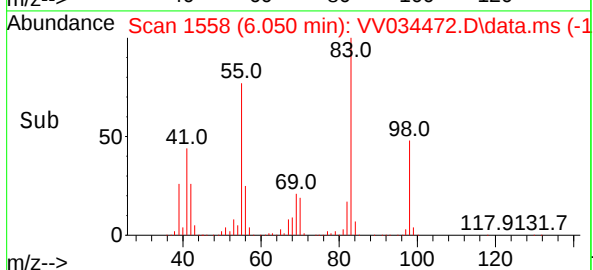
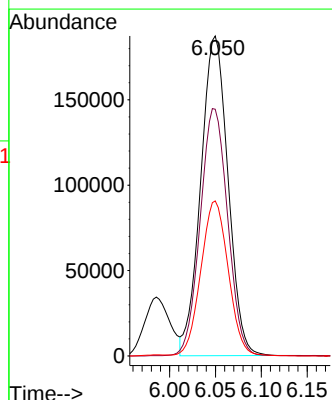
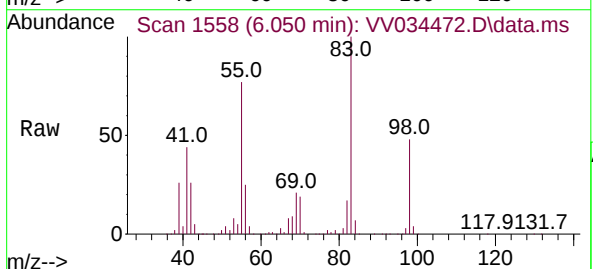
Tgt Ion: 83 Resp: 387695

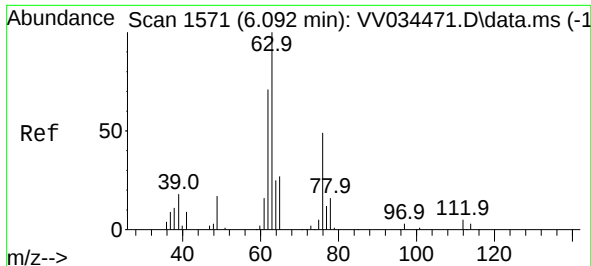
Ion Ratio Lower Upper

83 100

55 78.1 62.6 94.0

98 48.7 39.5 59.3

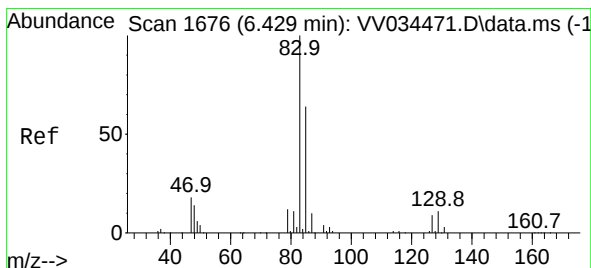
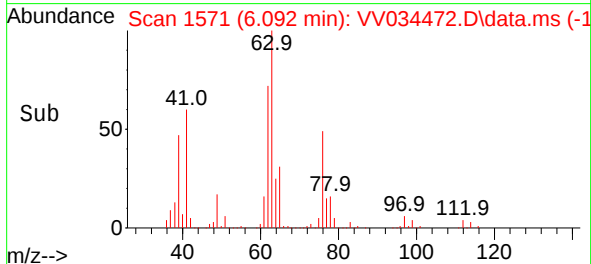
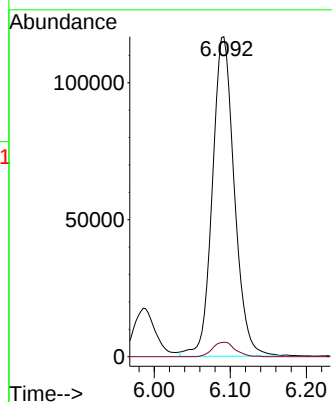
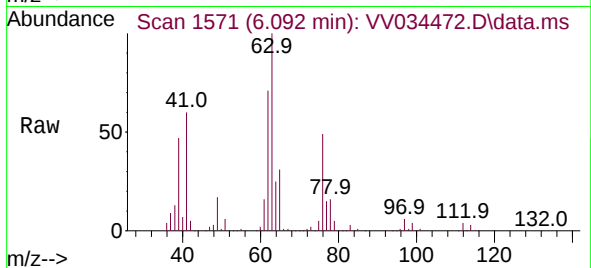




#37
1,2-Dichloropropane
Concen: 101.623 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

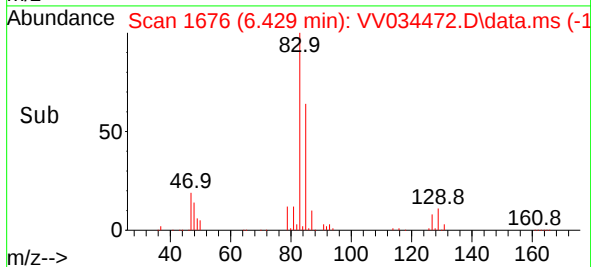
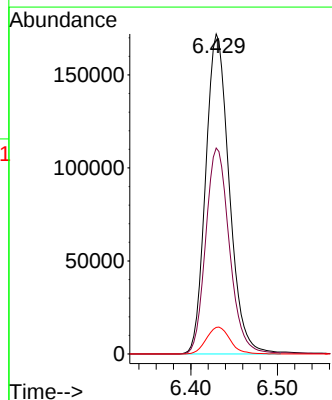
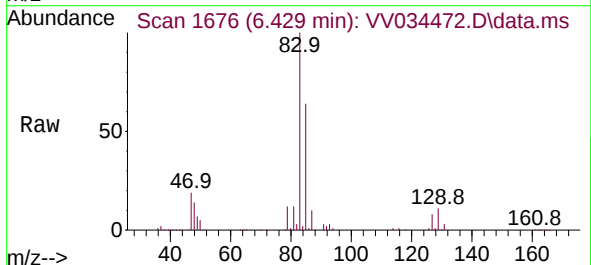
Instrument :
MSVOA_V
ClientSampleId :

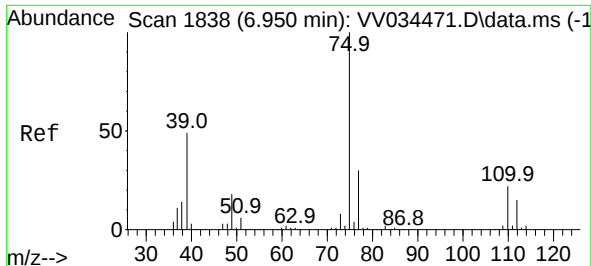
Tgt Ion: 63 Resp: 234357
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 105.793 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

Tgt Ion: 83 Resp: 325788
Ion Ratio Lower Upper
83 100
85 64.4 44.6 82.8
127 8.3 6.9 10.3

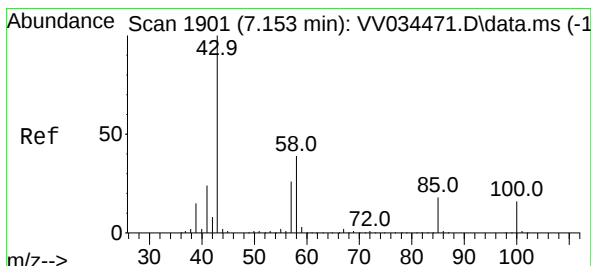
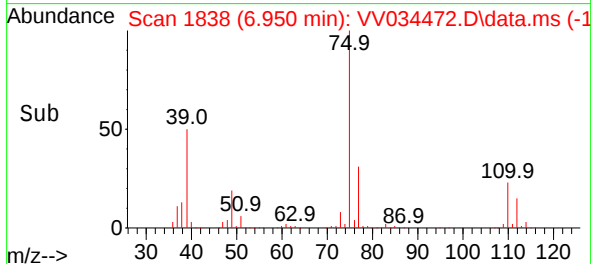
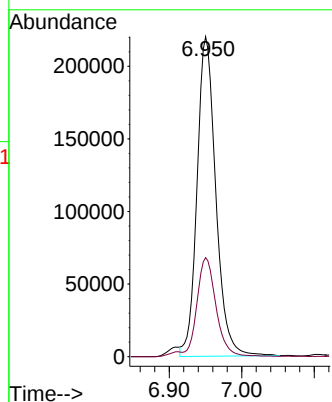
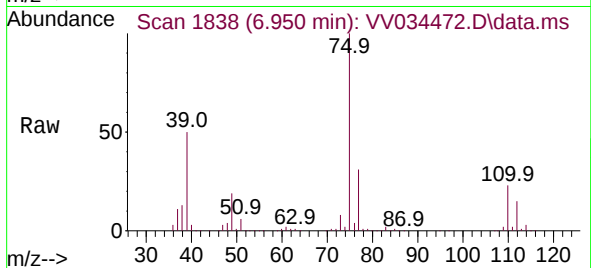




#39
 cis-1,3-Dichloropropene
 Concen: 101.584 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV034472.D
 Acq: 29 Feb 2024 10:21

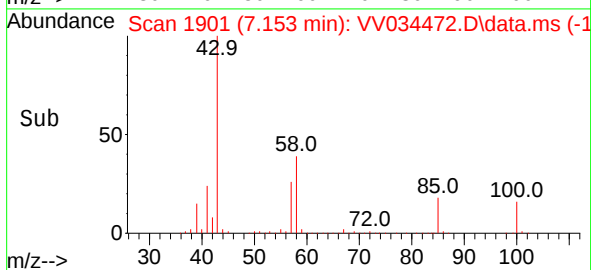
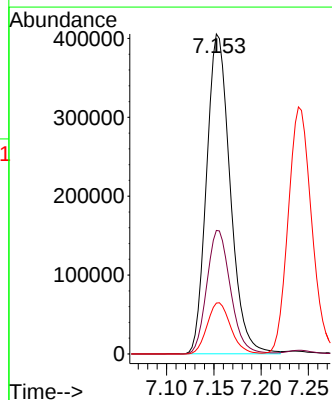
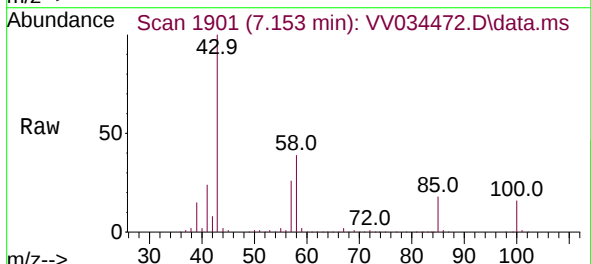
Instrument :
 MSVOA_V
 ClientSampleId :

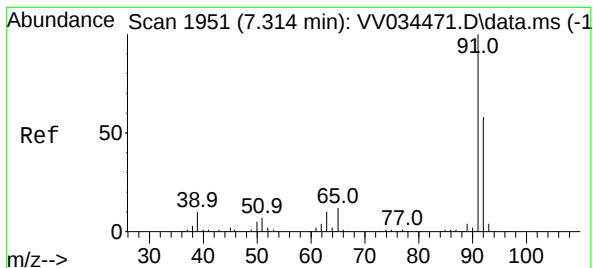
Tgt Ion: 75 Resp: 395449
 Ion Ratio Lower Upper
 75 100
 77 31.0 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 205.918 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV034472.D
 Acq: 29 Feb 2024 10:21

Tgt Ion: 43 Resp: 705513
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.6 46.0
 100 15.9 12.5 18.7





#42

Toluene

Concen: 104.561 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

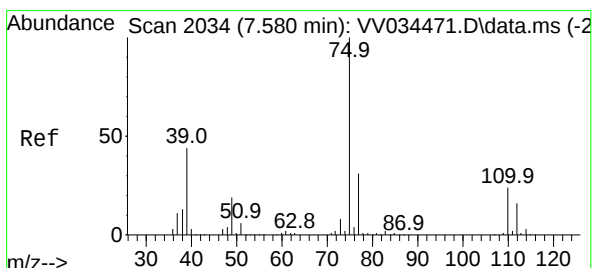
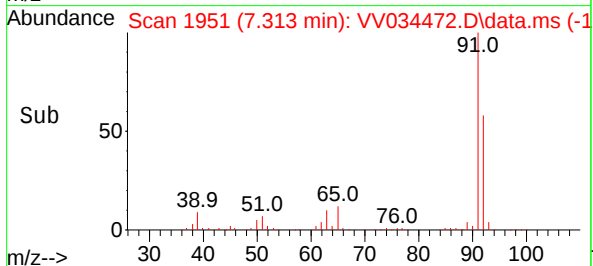
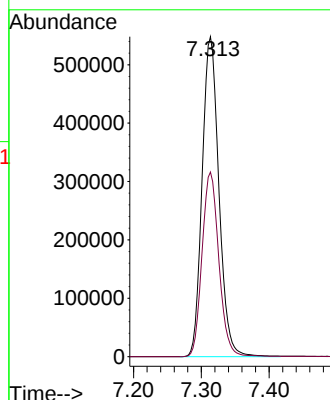
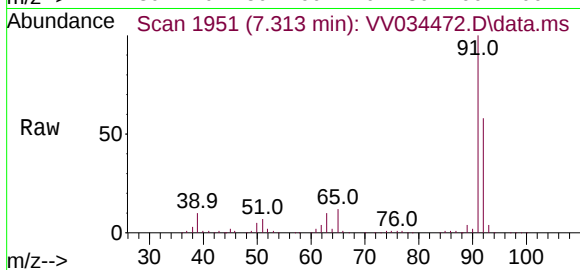
ClientSampleId :

Tgt Ion: 91 Resp: 941283

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 106.438 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV034472.D

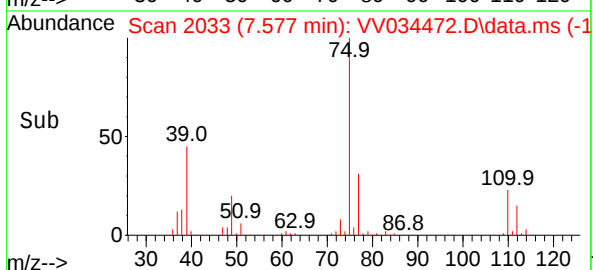
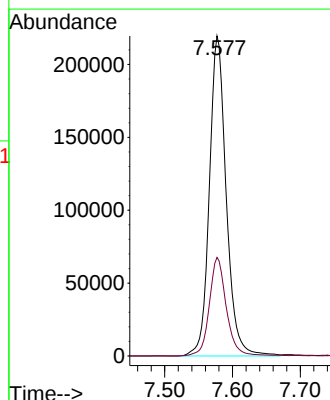
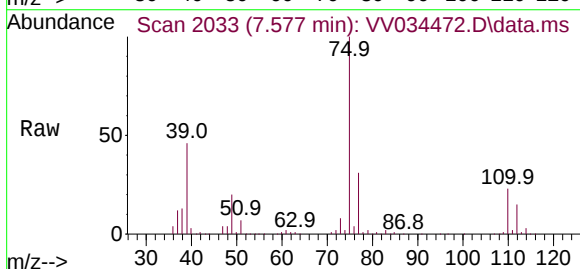
Acq: 29 Feb 2024 10:21

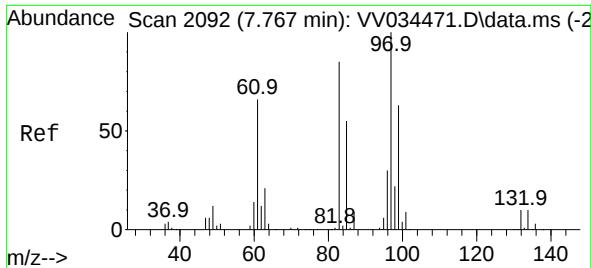
Tgt Ion: 75 Resp: 379750

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 105.919 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 224654

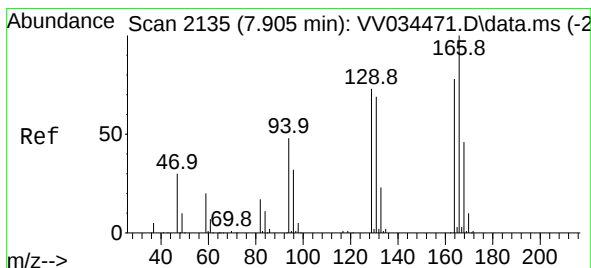
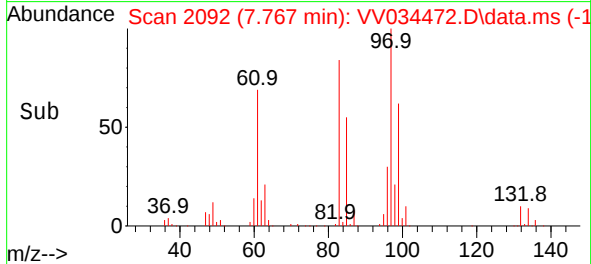
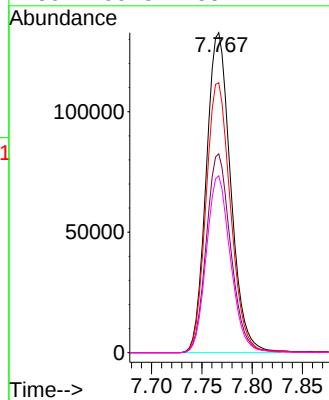
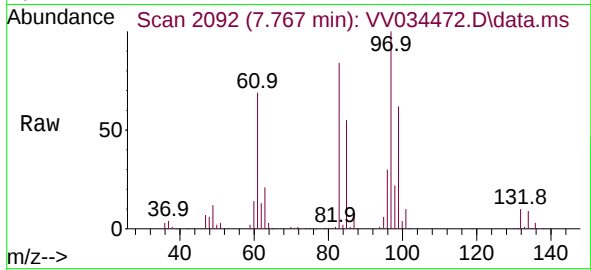
Ion Ratio Lower Upper

97 100

99 62.2 43.8 81.4

83 84.4 59.4 110.2

85 55.3 38.4 71.4



#46

Tetrachloroethene

Concen: 110.096 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.003 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Tgt Ion:164 Resp: 186805

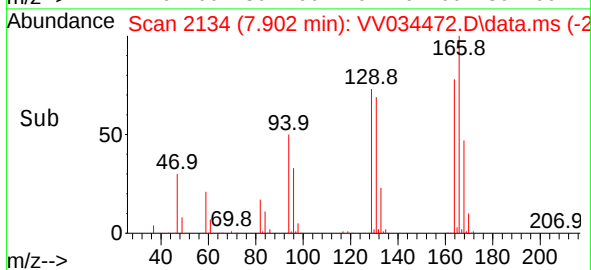
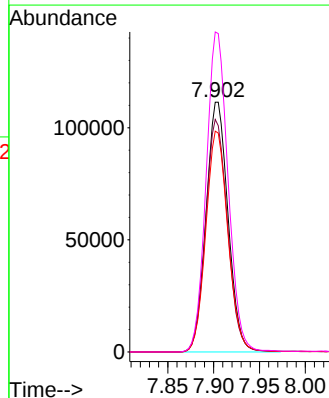
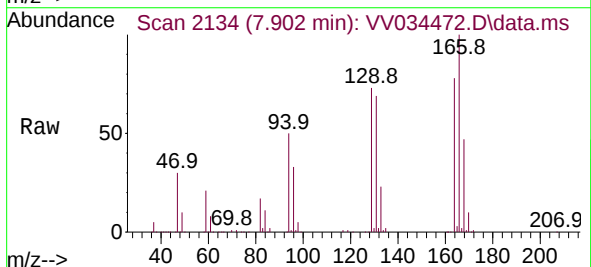
Ion Ratio Lower Upper

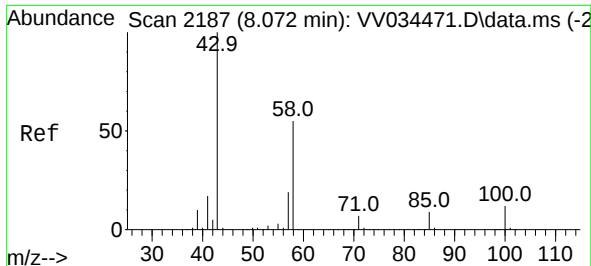
164 100

129 93.1 65.7 121.9

131 88.4 62.2 115.6

166 128.1 89.7 166.7





#48

2-Hexanone

Concen: 205.695 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

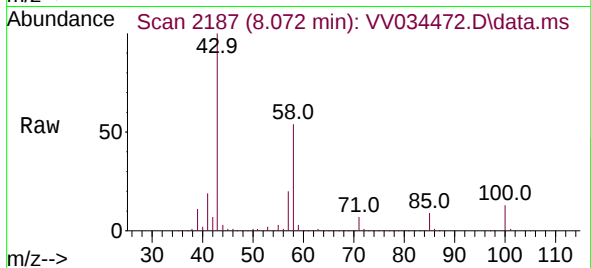
Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 563807

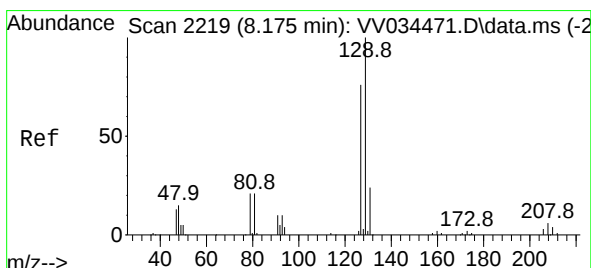
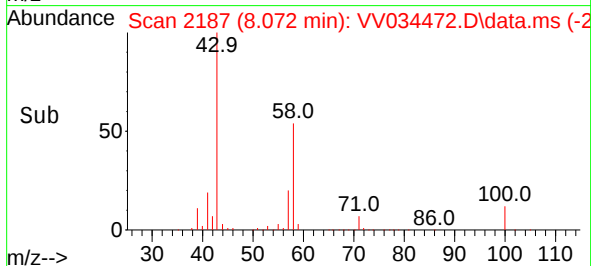
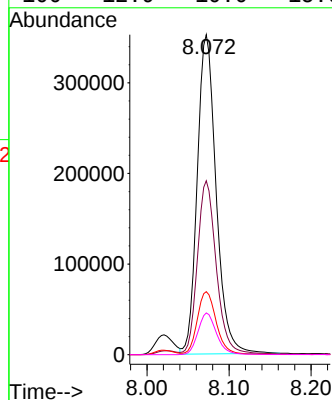
Ion Ratio Lower Upper

43 100

58 54.4 42.0 63.0

57 20.2 15.2 22.8

100 12.9 10.0 15.0



#49

Dibromochloromethane

Concen: 107.527 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034472.D

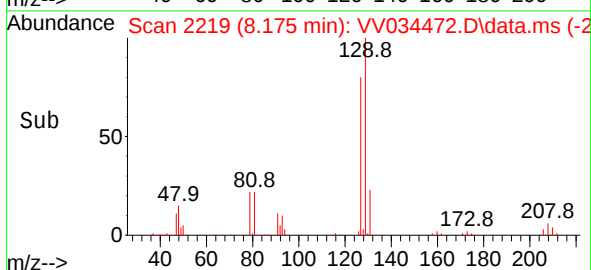
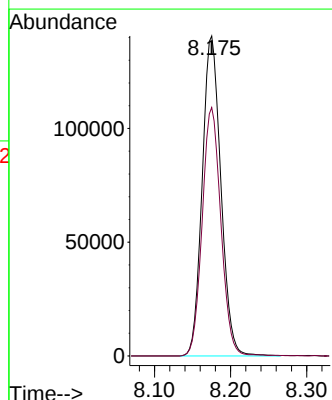
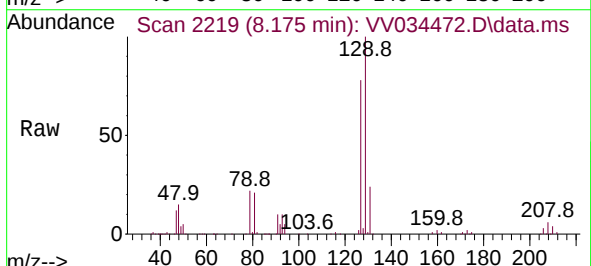
Acq: 29 Feb 2024 10:21

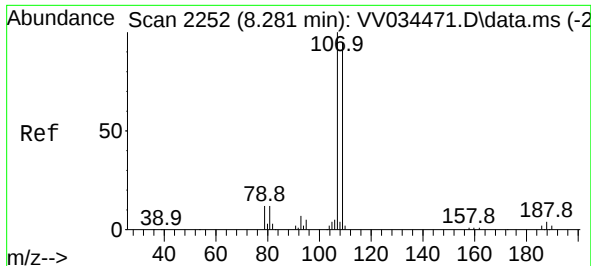
Tgt Ion: 129 Resp: 239494

Ion Ratio Lower Upper

129 100

127 77.6 53.3 98.9

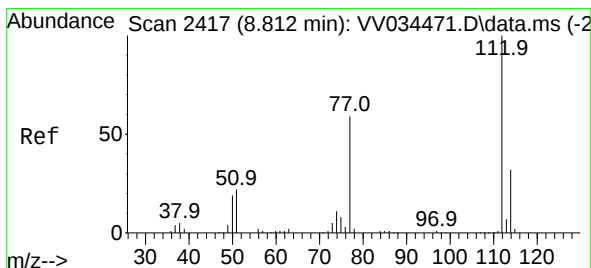
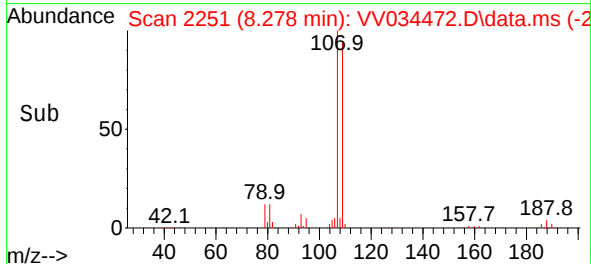
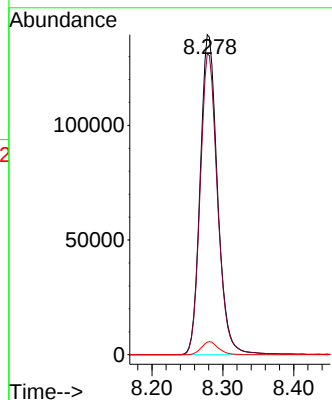
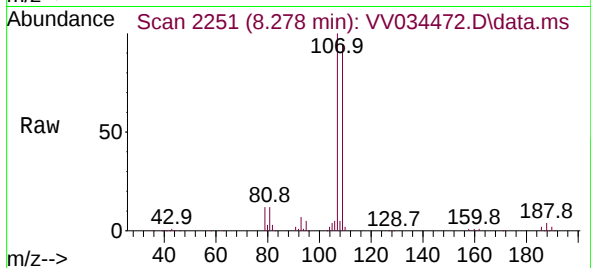




#50
1,2-Dibromoethane
Concen: 105.241 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

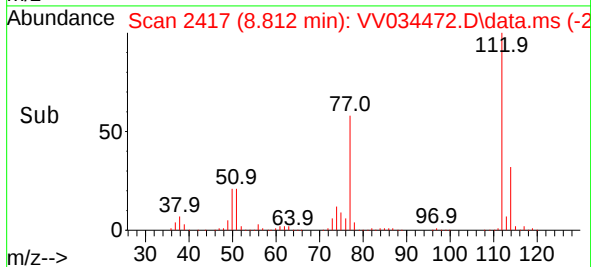
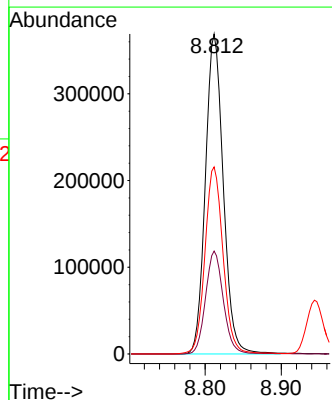
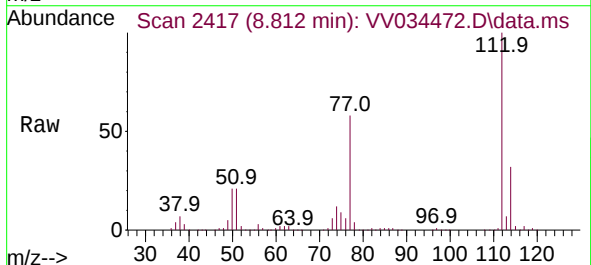
Instrument :
MSVOA_V
ClientSampleId :

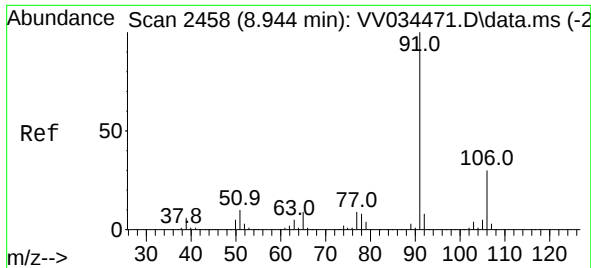
Tgt Ion:107 Resp: 236504
Ion Ratio Lower Upper
107 100
109 94.0 66.5 123.5
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 105.657 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

Tgt Ion:112 Resp: 603532
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 58.4 47.7 71.5

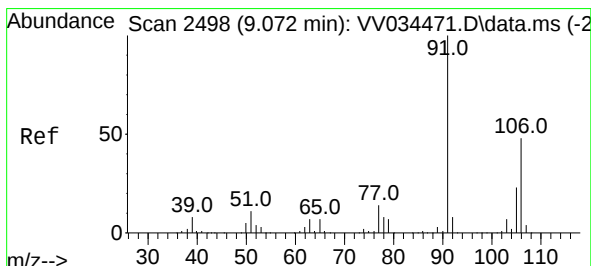
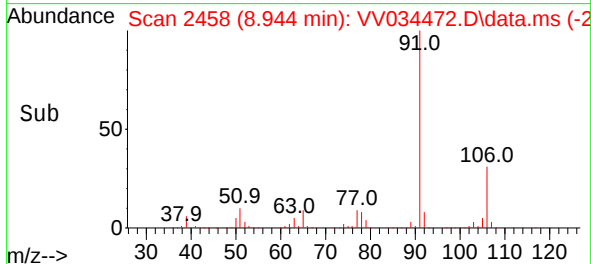
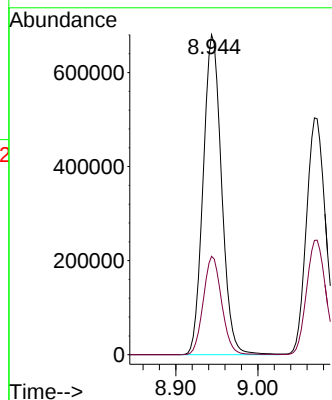
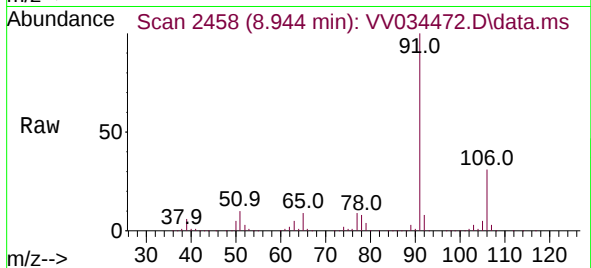




#52
Ethylbenzene
Concen: 102.378 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

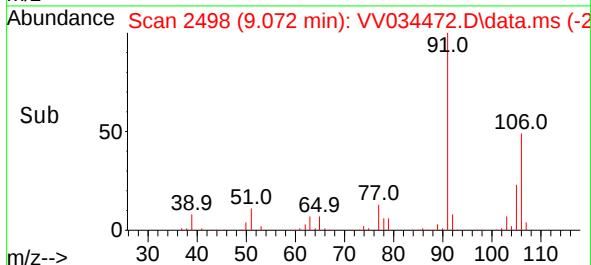
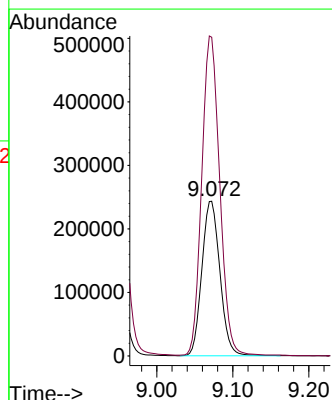
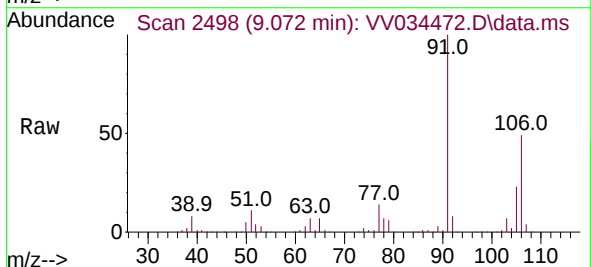
Instrument :
MSVOA_V
ClientSampleId :

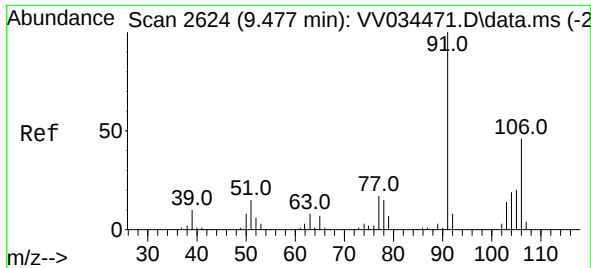
Tgt Ion: 91 Resp: 1060575
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.5



#53
m,p-Xylene
Concen: 104.926 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

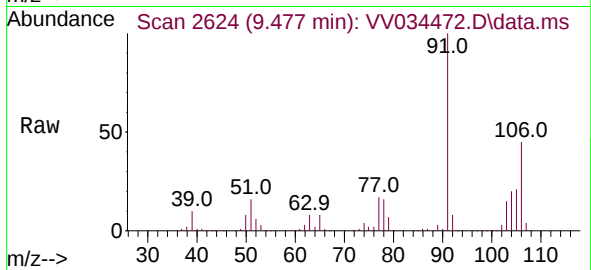
Tgt Ion: 106 Resp: 400570
Ion Ratio Lower Upper
106 100
91 205.9 145.3 269.9



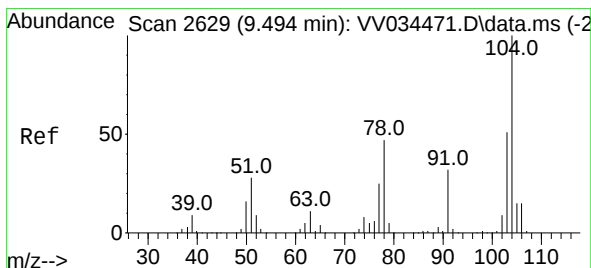
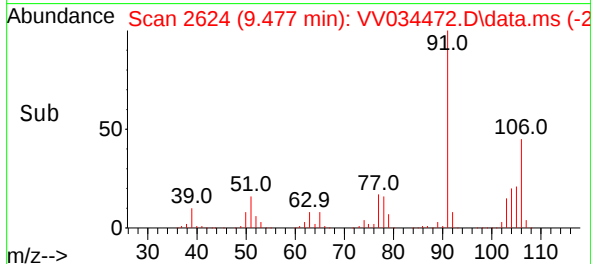
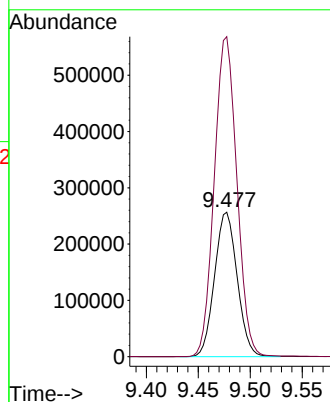


#54
o-Xylene
Concen: 102.501 ug/L
RT: 9.477 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

Instrument :
MSVOA_V
ClientSampleId :

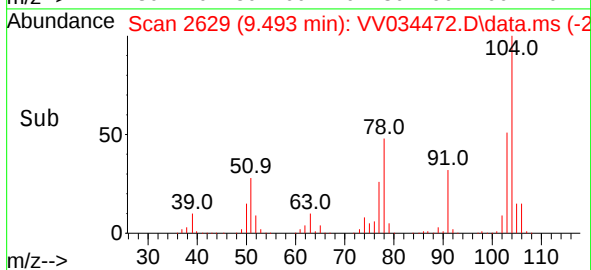
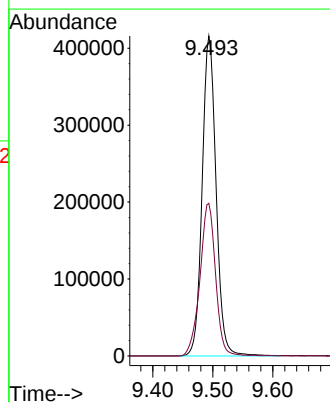
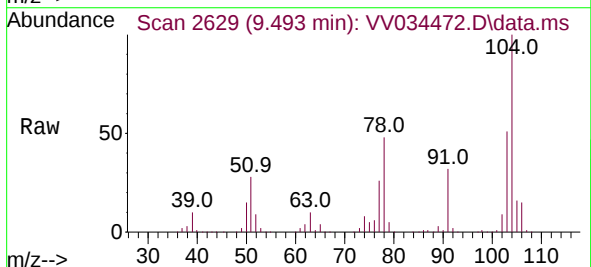


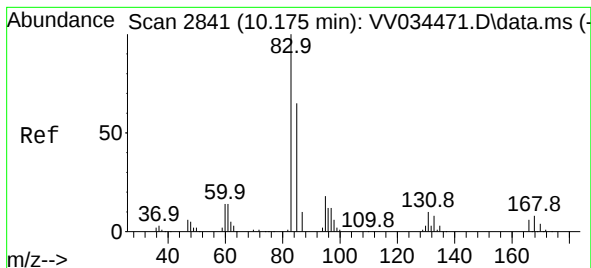
Tgt Ion:106 Resp: 388883
Ion Ratio Lower Upper
106 100
91 221.4 152.2 282.7



#55
Styrene
Concen: 103.077 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

Tgt Ion:104 Resp: 673111
Ion Ratio Lower Upper
104 100
78 47.7 33.0 61.4

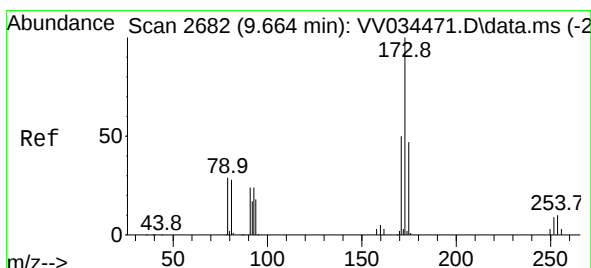
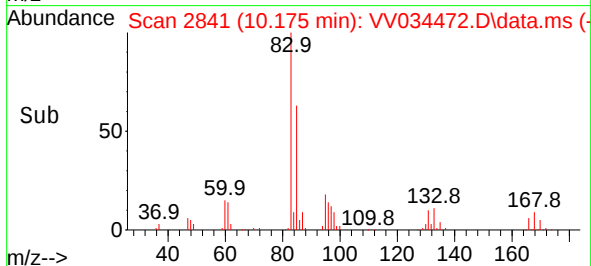
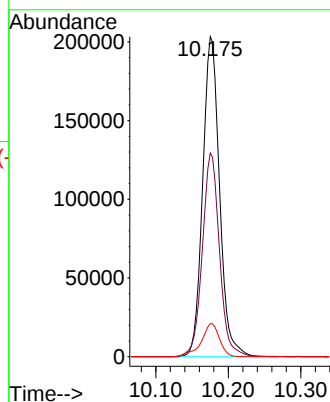
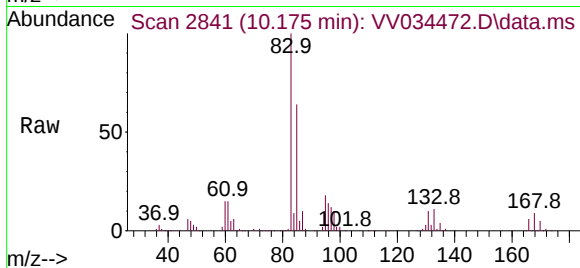




#57
1,1,2,2-Tetrachloroethane
Concen: 98.378 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

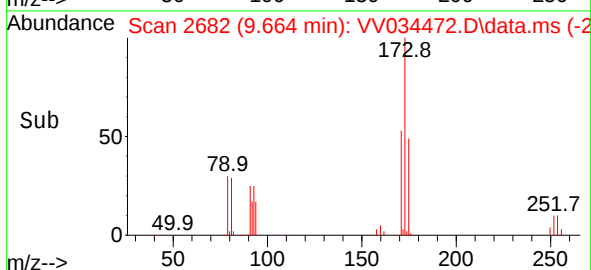
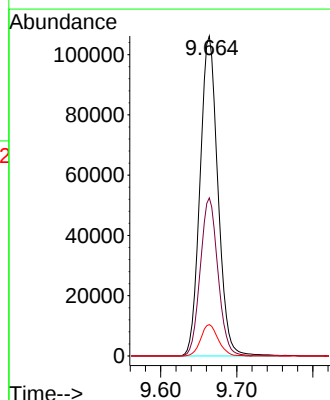
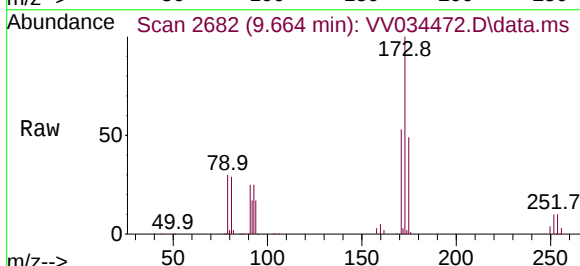
Instrument :
MSVOA_V
ClientSampleId :

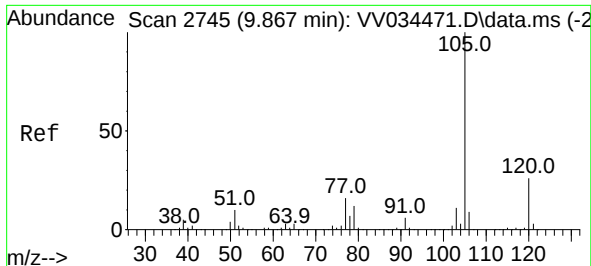
Tgt Ion: 83 Resp: 329154
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.2
131 10.3 8.3 12.5



#59
Bromoform
Concen: 105.733 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

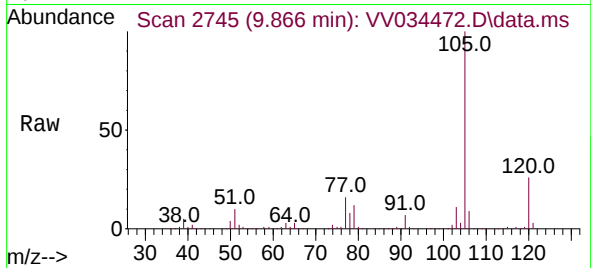
Tgt Ion: 173 Resp: 172894
Ion Ratio Lower Upper
173 100
175 48.8 39.1 58.7
254 9.6 7.8 11.8



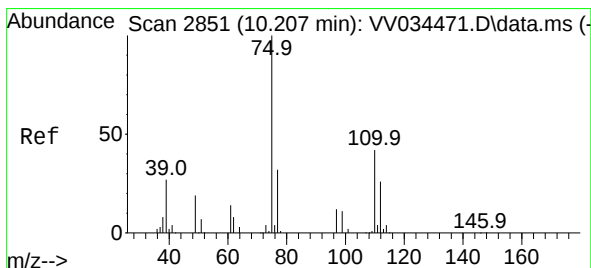
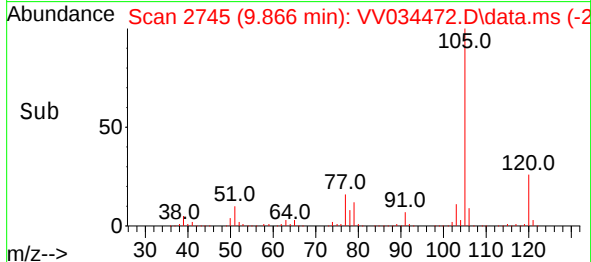
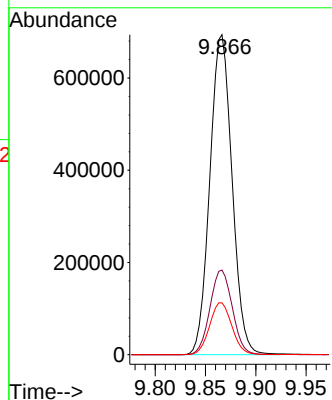


#60
Isopropylbenzene
Concen: 102.032 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

Instrument :
MSVOA_V
ClientSampleId :

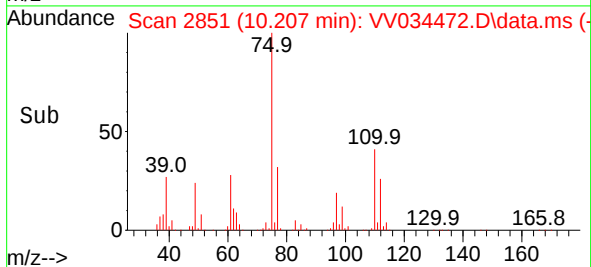
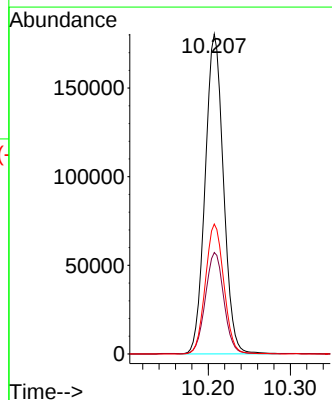
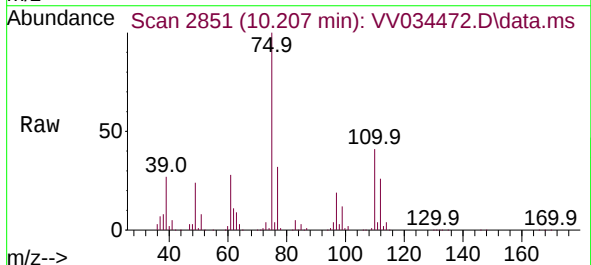


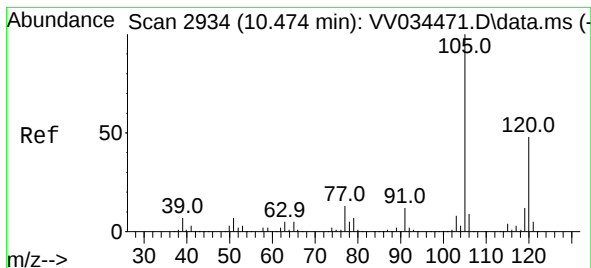
Tgt Ion:105 Resp: 1067001
Ion Ratio Lower Upper
105 100
120 26.6 20.8 31.2
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 101.821 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034472.D
Acq: 29 Feb 2024 10:21

Tgt Ion: 75 Resp: 279539
Ion Ratio Lower Upper
75 100
77 32.1 25.9 38.9
110 41.0 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 101.755 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

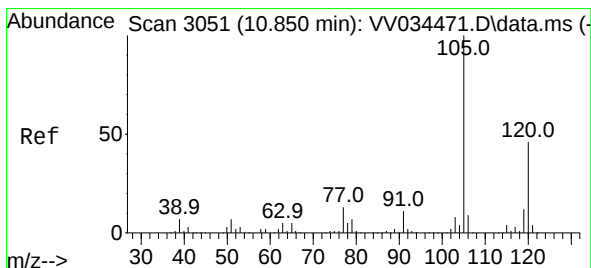
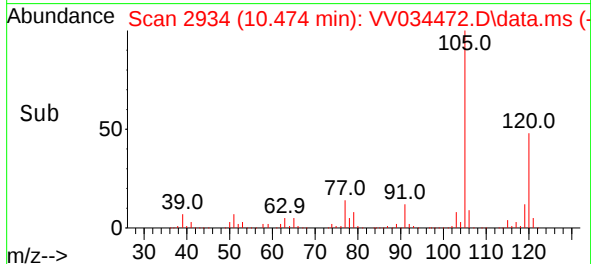
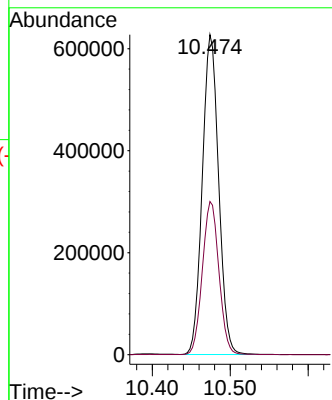
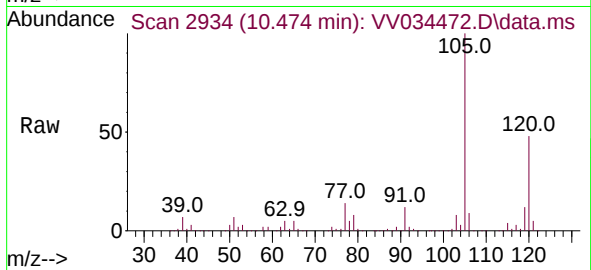
ClientSampleId :

Tgt Ion:105 Resp: 912756

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 102.667 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034472.D

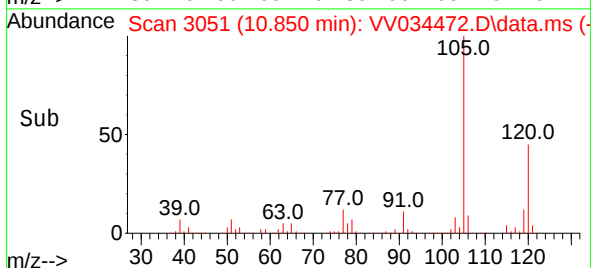
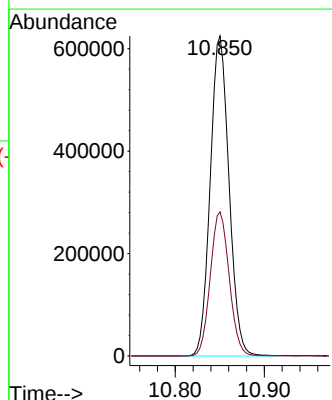
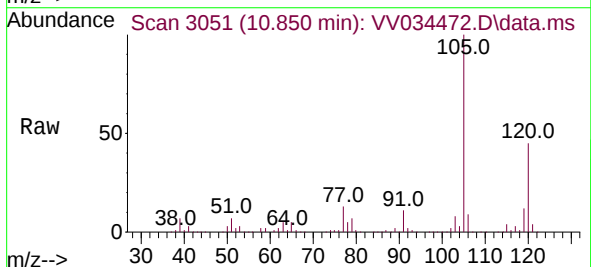
Acq: 29 Feb 2024 10:21

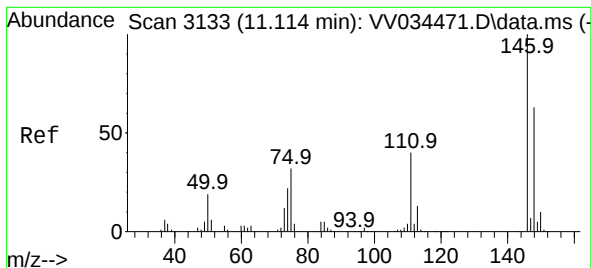
Tgt Ion:105 Resp: 913276

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 104.257 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :

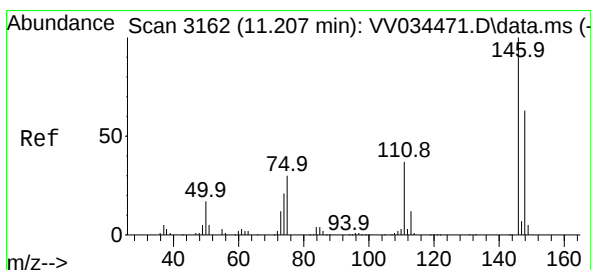
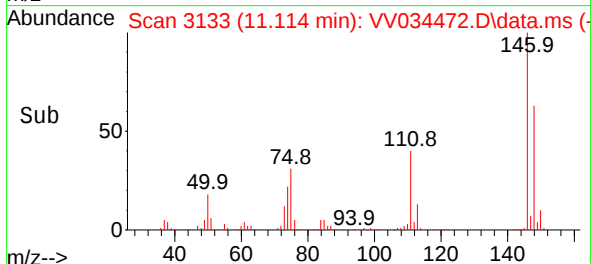
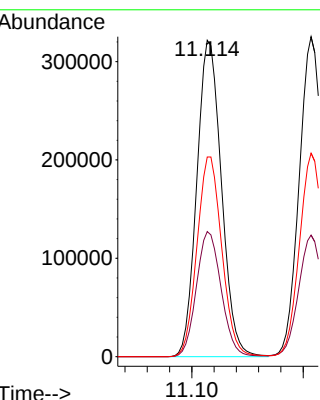
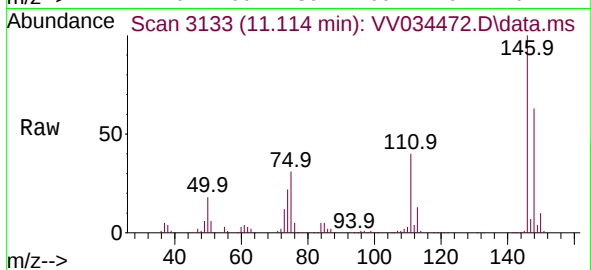
Tgt Ion:146 Resp: 493960

Ion Ratio Lower Upper

146 100

111 39.5 27.9 51.7

148 63.1 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 104.364 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

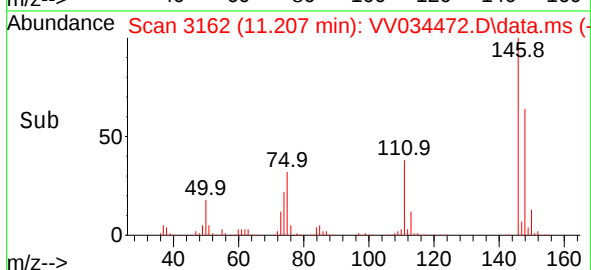
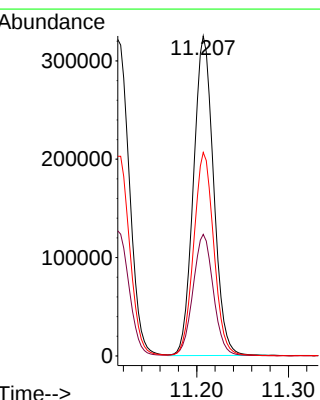
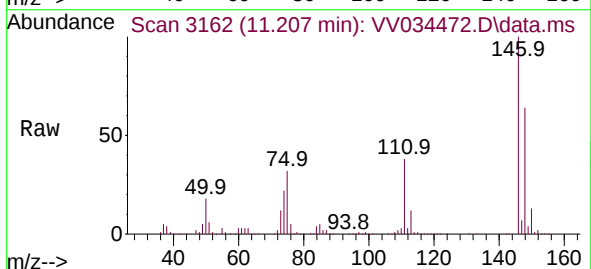
Tgt Ion:146 Resp: 495818

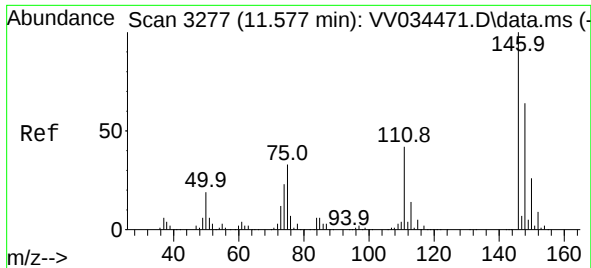
Ion Ratio Lower Upper

146 100

111 38.0 26.5 49.1

148 63.6 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 104.702 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :

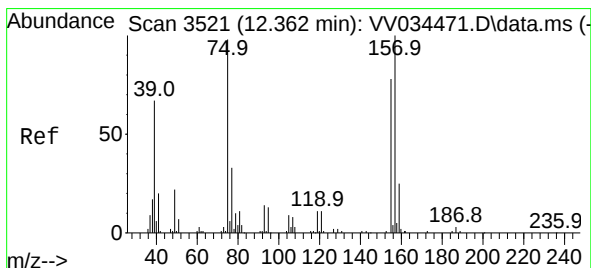
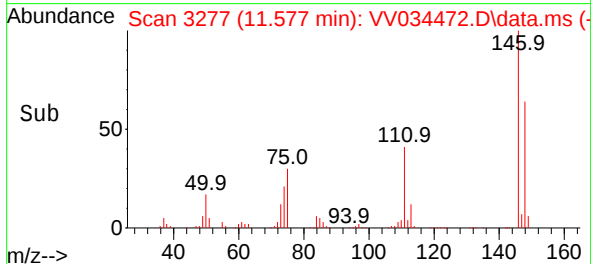
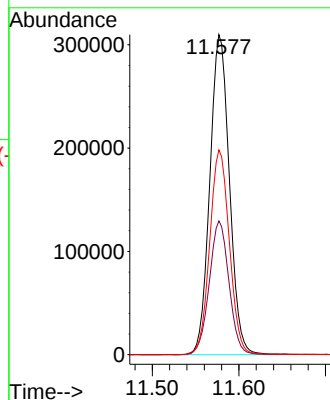
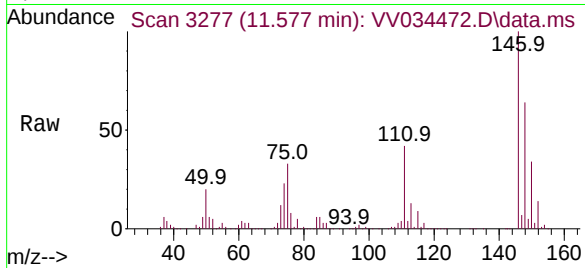
Tgt Ion:146 Resp: 485937

Ion Ratio Lower Upper

146 100

111 41.8 33.8 50.8

148 64.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 115.800 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

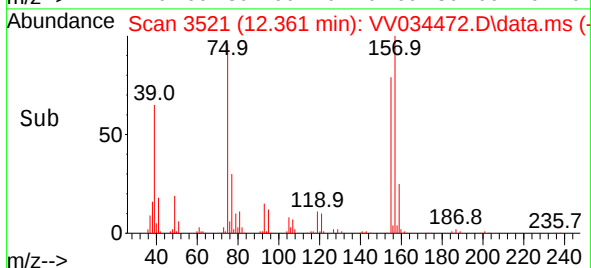
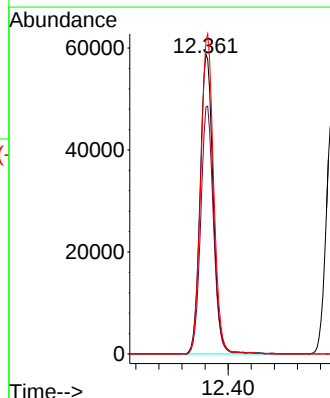
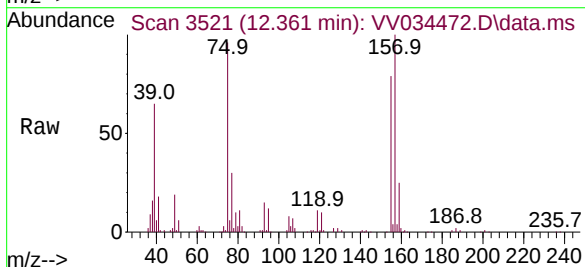
Tgt Ion: 75 Resp: 92293

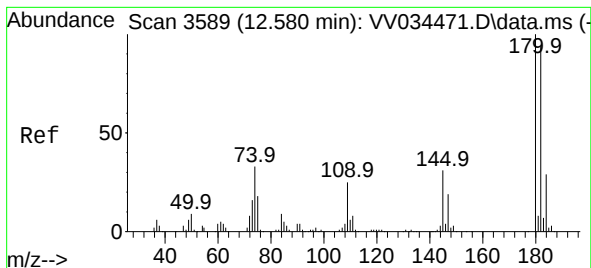
Ion Ratio Lower Upper

75 100

155 82.4 63.3 94.9

157 104.6 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 107.418 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

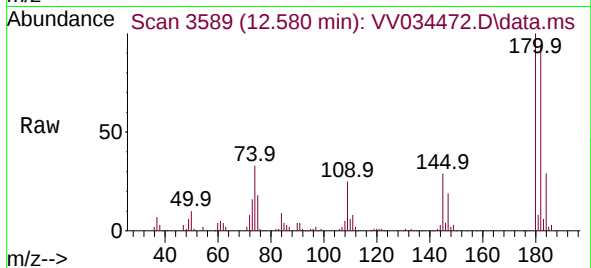
Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 377085

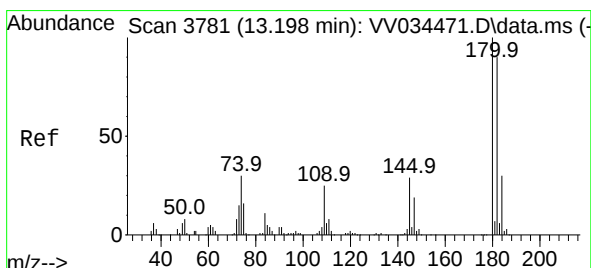
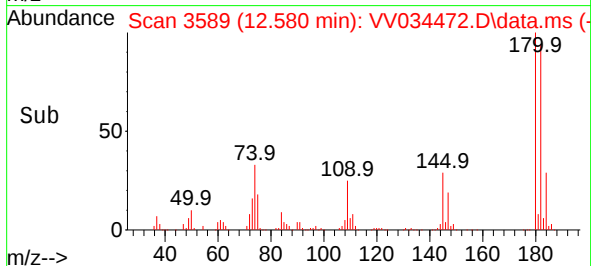
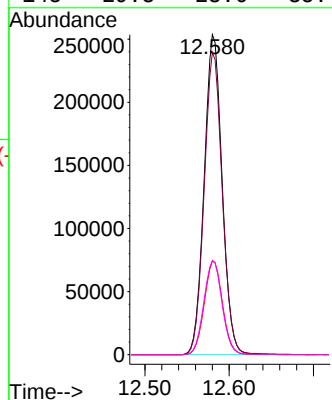
Ion Ratio Lower Upper

180 100

182 95.0 74.6 112.0

184 29.7 23.6 35.4

145 29.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 111.466 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

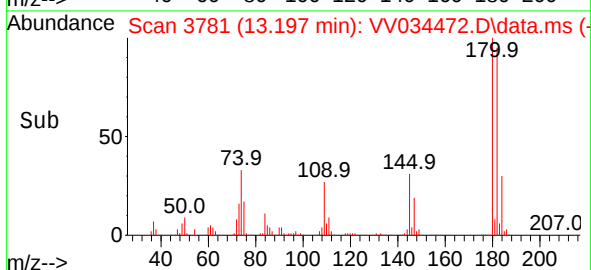
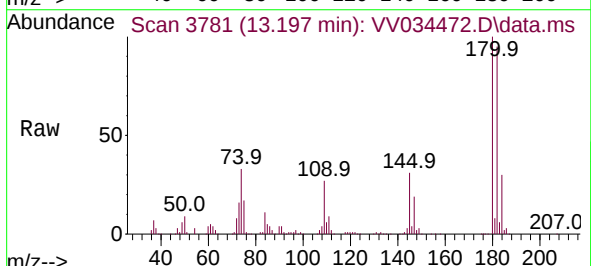
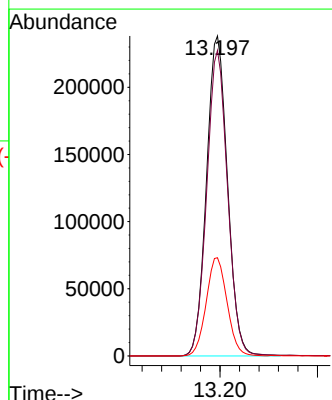
Tgt Ion:180 Resp: 355975

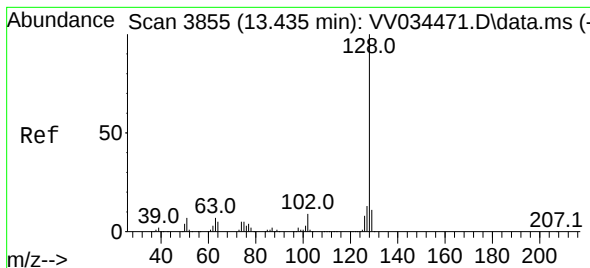
Ion Ratio Lower Upper

180 100

182 94.9 74.8 112.2

145 30.6 24.2 36.4





#71

Naphthalene

Concen: 120.991 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :

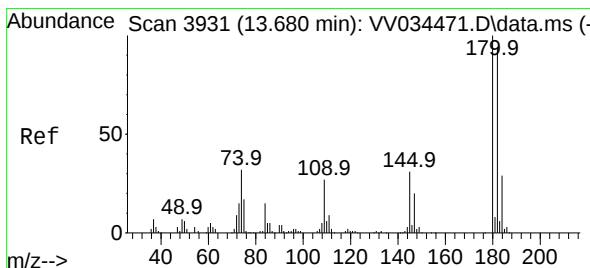
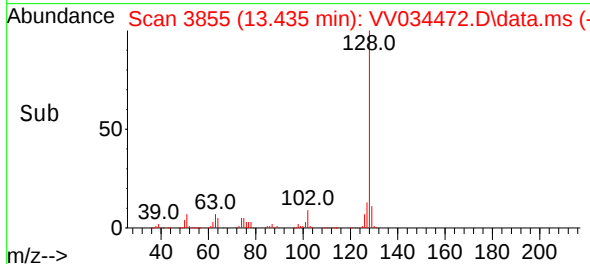
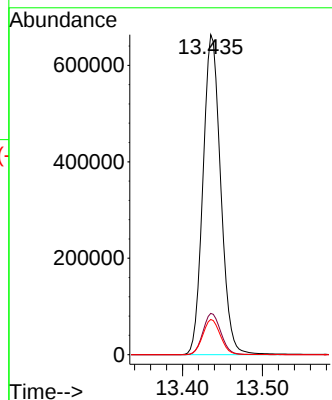
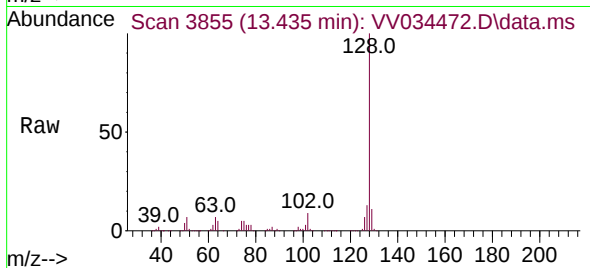
Tgt Ion:128 Resp: 1024551

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 114.209 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034472.D

Acq: 29 Feb 2024 10:21

Tgt Ion:180 Resp: 344349

Ion Ratio Lower Upper

180 100

182 96.4 75.9 113.9

145 32.1 25.5 38.3

