

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
 Data File : VV036582.D
 Acq On : 17 Jul 2024 09:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 18 01:19:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	276815	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	291430	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	171793	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	87541	22.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.280%
7) Chloroethane-d5	1.529	69	78228	22.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.240%
11) 1,1-Dichloroethene-d2	2.050	65	43981	21.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.400%
21) 2-Butanone-d5	3.850	46	15212	22.411	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.820%
24) Chloroform-d	4.239	84	190873	23.689	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.760%
26) 1,2-Dichloroethane-d4	4.934	65	91378	22.865	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.480%
32) Benzene-d6	4.950	84	340451	23.416	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.680%
36) 1,2-Dichloropropane-d6	5.982	67	98000	22.617	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	7.236	98	326281	24.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.280%
43) trans-1,3-Dichloroprop...	7.548	79	41216	22.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.520%
47) 2-Hexanone-d5	8.030	63	21955	45.621	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.240%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	81223	22.257	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	131369	22.533	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.120%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	86850	21.648	ug/L	99
3) Chloromethane	1.211	50	67791	21.057	ug/L	97
5) Vinyl chloride	1.278	62	88214	22.268	ug/L	99
6) Bromomethane	1.484	94	69242	21.662	ug/L	97
8) Chloroethane	1.545	64	60757	22.169	ug/L	100
9) Trichlorofluoromethane	1.706	101	167320	23.797	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	115396	24.340	ug/L	98
12) 1,1-Dichloroethene	2.063	96	95065	23.247	ug/L	80
13) Acetone	2.159	43	20358	21.214	ug/L	66
14) Carbon disulfide	2.233	76	173103	18.853	ug/L	99
15) Methyl Acetate	2.387	43	27681	21.350	ug/L	94
16) Methylene chloride	2.439	84	116883	20.538	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	86431	23.258	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	198864	23.881	ug/L	99
19) 1,1-Dichloroethane	3.101	63	160322	23.834	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	94905	24.571	ug/L	98
23) Bromochloromethane	4.140	128	55930	25.495	ug/L	95
25) Chloroform	4.265	83	199013	24.917	ug/L	99
27) 1,2-Dichloroethane	5.034	62	113527	25.304	ug/L	100

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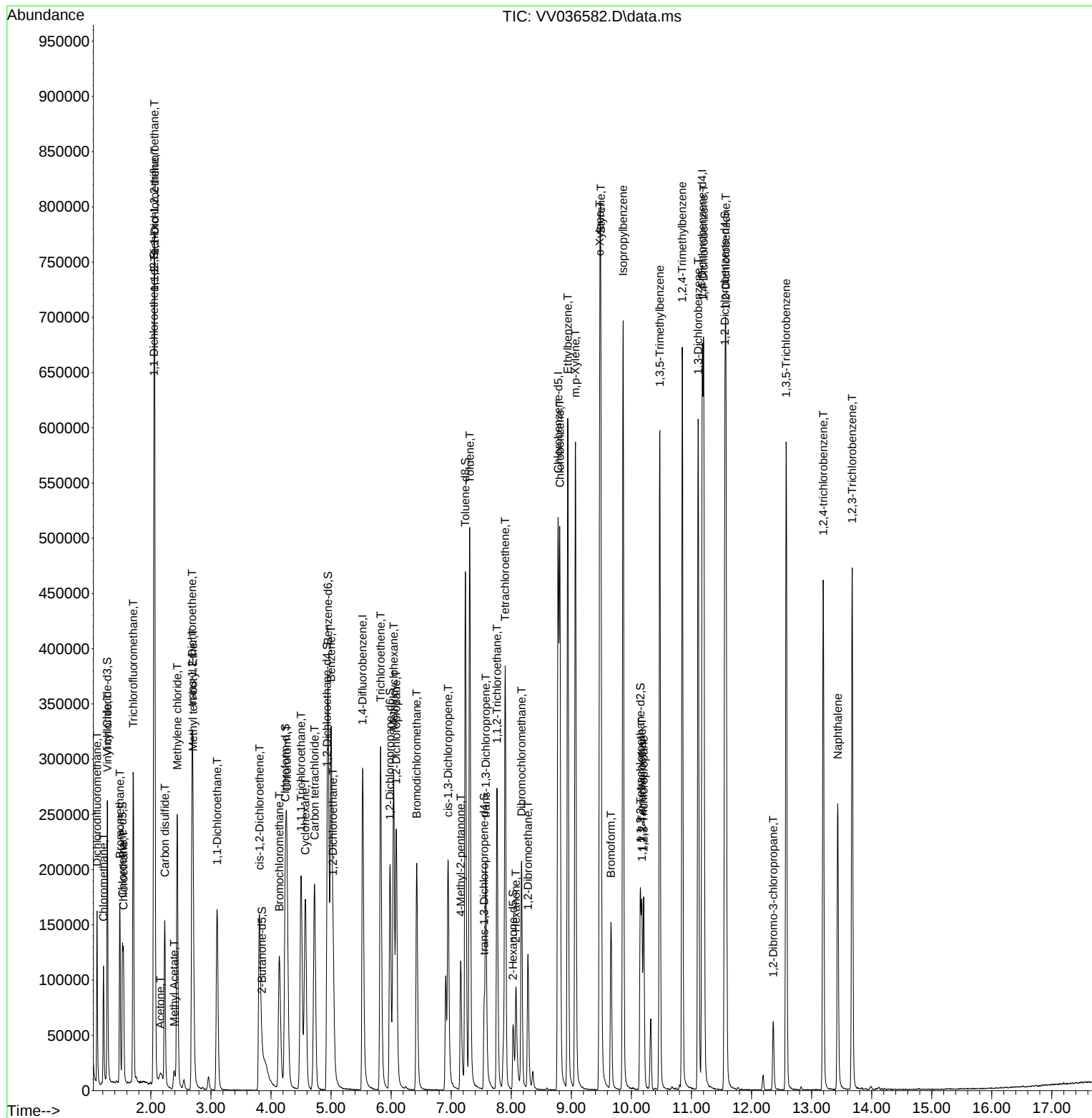
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.571	56	78334	21.129	ug/L	96
30) 1,1,1-Trichloroethane	4.500	97	165151	24.378	ug/L	99
31) Carbon tetrachloride	4.725	117	147052	24.475	ug/L	99
33) Benzene	5.002	78	351126	24.346	ug/L	100
34) Trichloroethene	5.825	95	110741	24.130	ug/L	98
35) Methylcyclohexane	6.043	83	118806	22.683	ug/L	98
37) 1,2-Dichloropropane	6.085	63	92183	25.327	ug/L	100
38) Bromodichloromethane	6.426	83	141020	24.452	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	136126	24.254	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	75495	45.643	ug/L	97
42) Toluene	7.310	91	403711	26.418	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	125742	25.127	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	89591	24.980	ug/L	97
46) Tetrachloroethene	7.899	164	92029	24.801	ug/L	99
48) 2-Hexanone	8.079	43	56220	45.822	ug/L	98
49) Dibromochloromethane	8.172	129	110584	25.498	ug/L	99
50) 1,2-Dibromoethane	8.278	107	84202	25.015	ug/L	99
51) Chlorobenzene	8.808	112	288372	25.197	ug/L	99
52) Ethylbenzene	8.940	91	423005	25.804	ug/L	100
53) m,p-Xylene	9.069	106	170643	27.038	ug/L	97
54) o-Xylene	9.474	106	159873	26.606	ug/L	97
55) Styrene	9.490	104	308629	28.707	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	77792	23.753	ug/L	98
59) Bromoform	9.661	173	72043	23.662	ug/L	98
60) Isopropylbenzene	9.863	105	438104	25.527	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	69652	22.788	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	313149	25.479	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	350879	26.237	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	263338	25.955	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	272437	25.007	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	247759	25.412	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	15392	23.275	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	194042	24.700	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	153097	24.503	ug/L	99
71) Naphthalene	13.435	128	216723	23.095	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	147945	25.028	ug/L	99

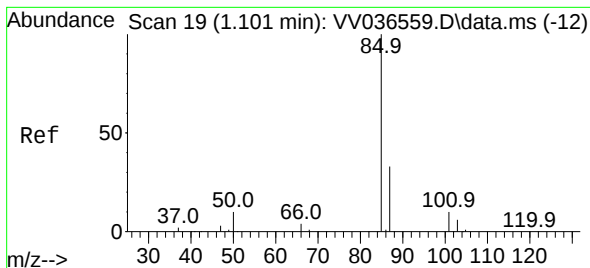
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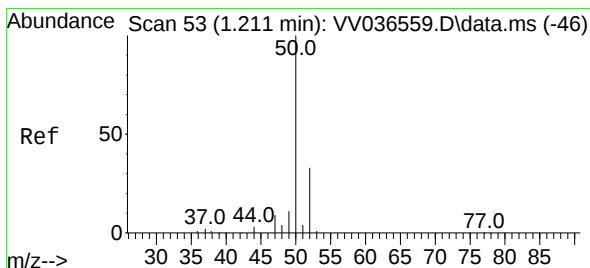
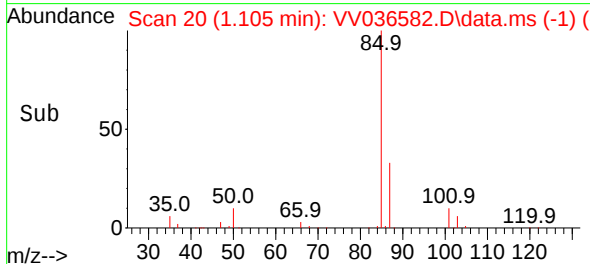
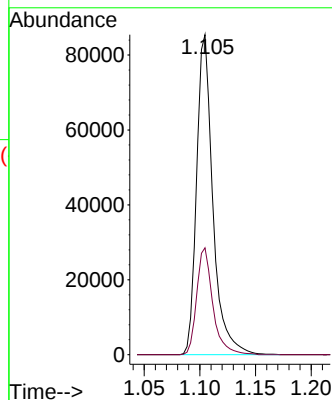
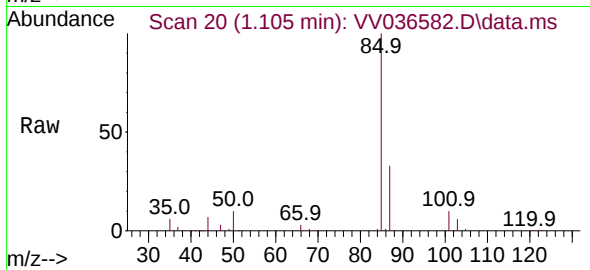




#2
Dichlorodifluoromethane
Concen: 21.648 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

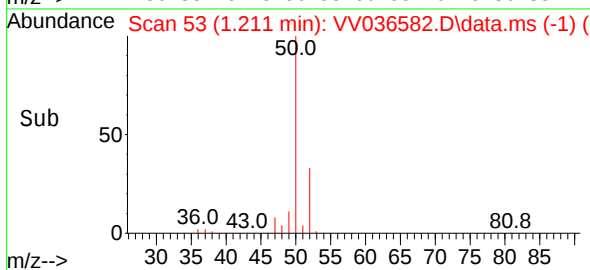
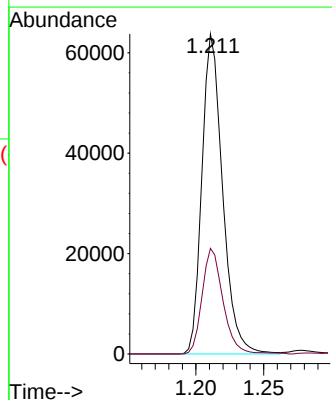
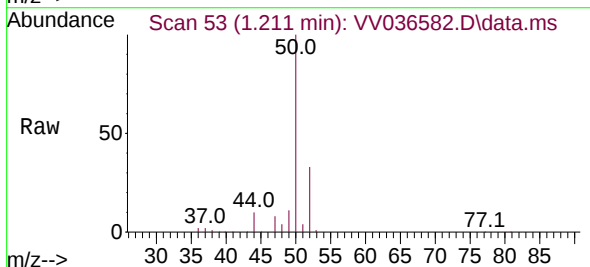
Instrument :
MSVOA_V
ClientSampleId :

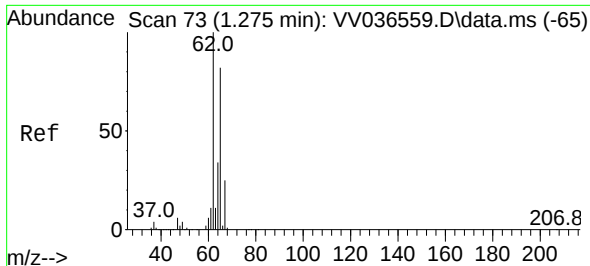
Tgt Ion: 85 Resp: 86850
Ion Ratio Lower Upper
85 100
87 33.2 26.2 39.2



#3
Chloromethane
Concen: 21.057 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

Tgt Ion: 50 Resp: 67791
Ion Ratio Lower Upper
50 100
52 33.0 24.4 45.4

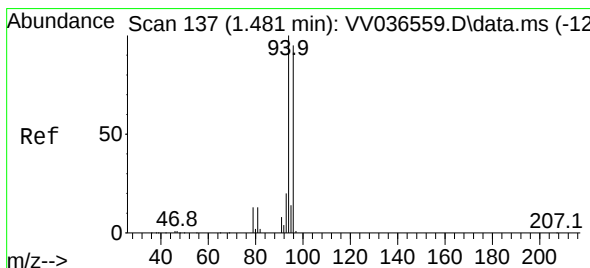
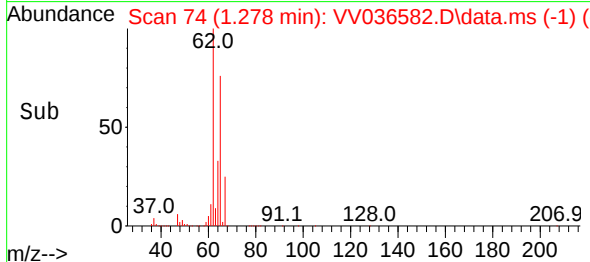
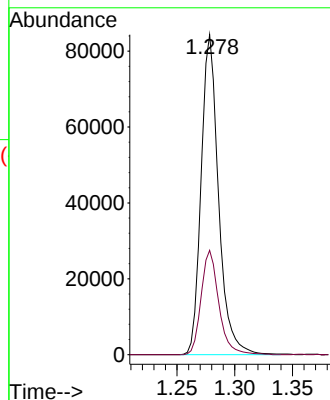
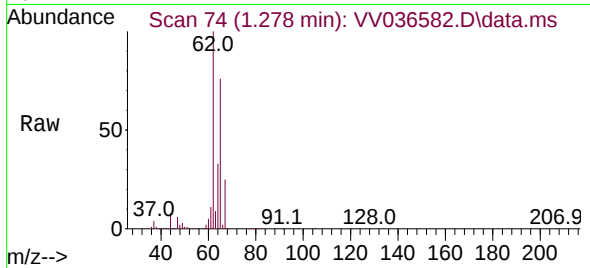




#5
 Vinyl chloride
 Concen: 22.268 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV036582.D
 Acq: 17 Jul 2024 09:45

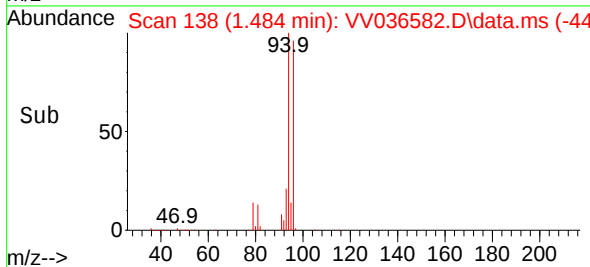
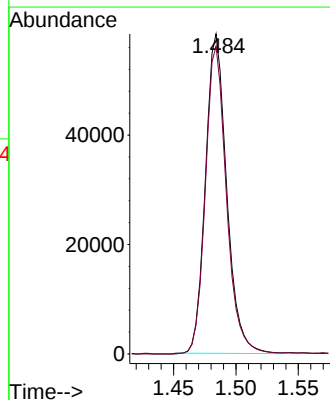
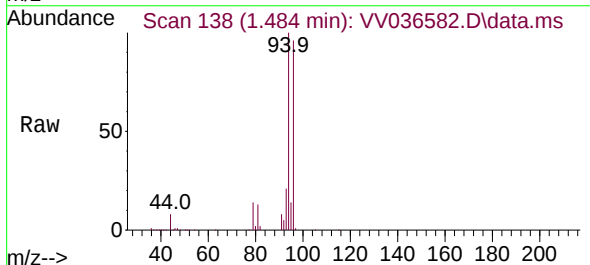
Instrument :
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 ClientSampleId :

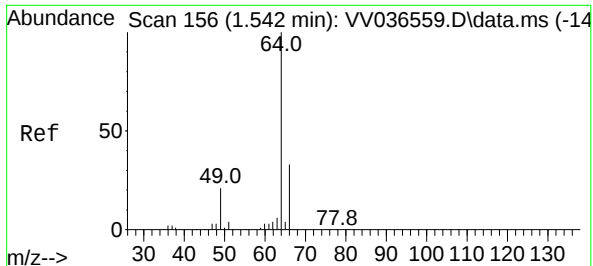
Tgt Ion: 62 Resp: 88214
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.4



#6
 Bromomethane
 Concen: 21.662 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.003 min
 Lab File: VV036582.D
 Acq: 17 Jul 2024 09:45

Tgt Ion: 94 Resp: 69242
 Ion Ratio Lower Upper
 94 100
 96 96.1 65.6 121.8

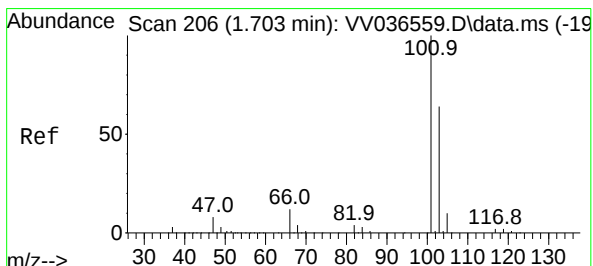
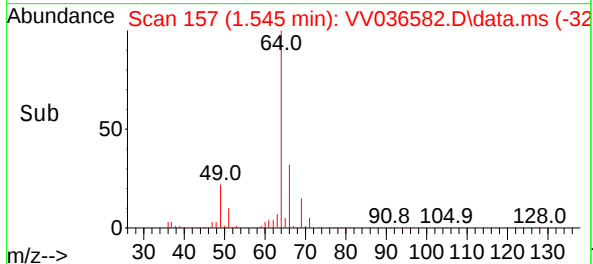
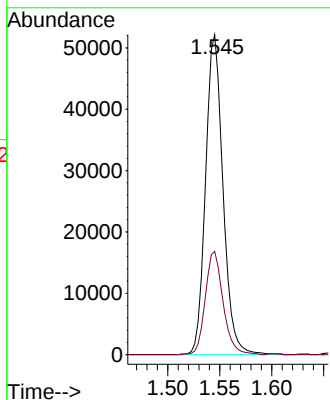
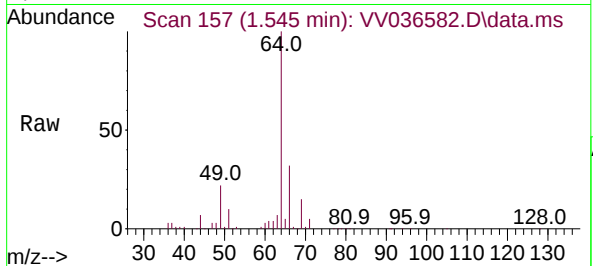




#8
Chloroethane
Concen: 22.169 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

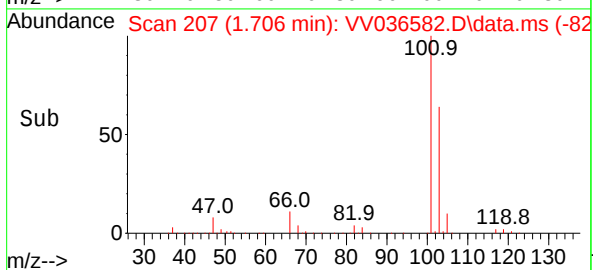
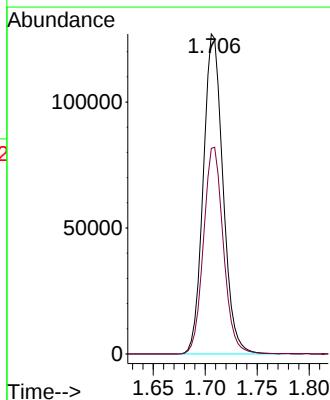
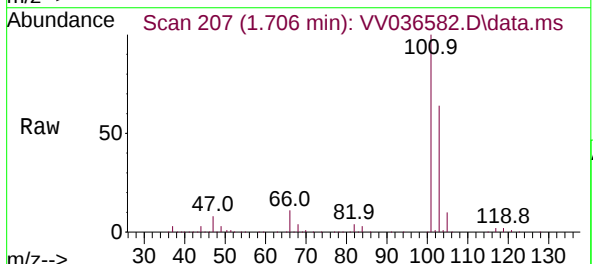
Instrument :
MSVOA_V
ClientSampleId :

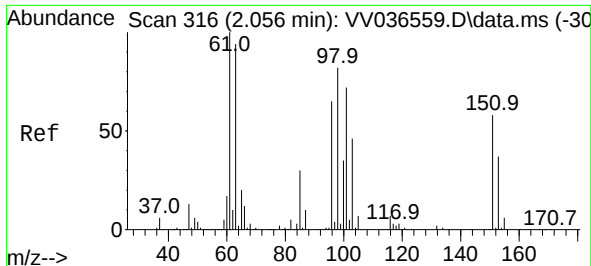
Tgt Ion: 64 Resp: 60757
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 23.797 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.003 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

Tgt Ion:101 Resp: 167320
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9





#10

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

Concen: 24.340 ug/L

RT: 2.060 min Scan# 316

Delta R.T. 0.003 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

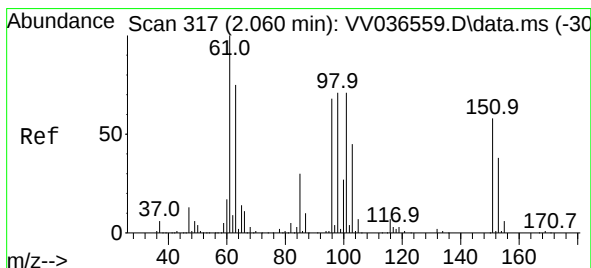
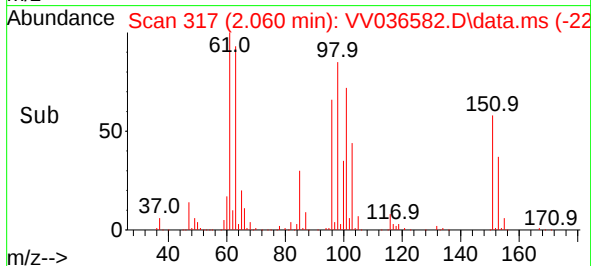
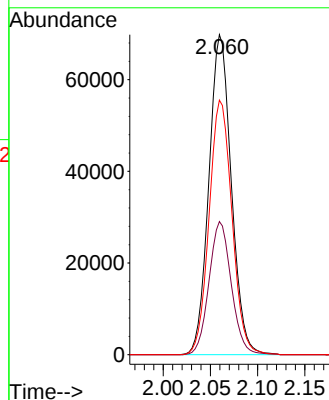
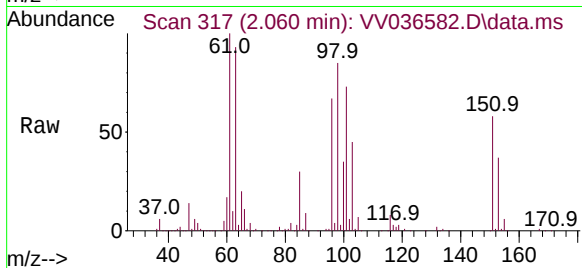
Tgt Ion:101 Resp: 115396

Ion Ratio Lower Upper

101 100

85 41.3 32.5 48.7

151 81.0 62.6 94.0



#12

1,1-Dichloroethene

Concen: 23.247 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

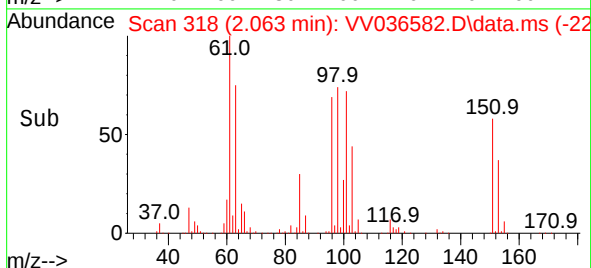
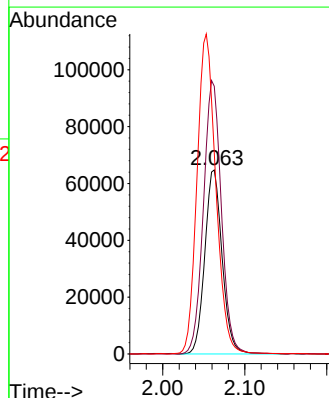
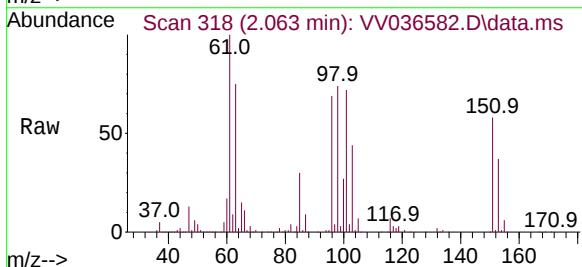
Tgt Ion: 96 Resp: 95065

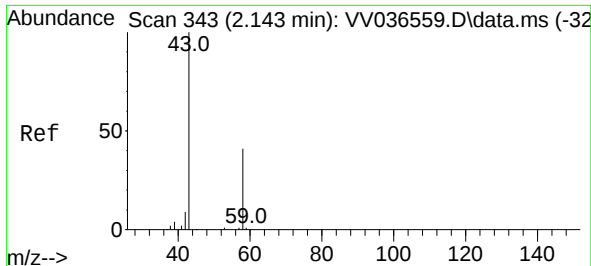
Ion Ratio Lower Upper

96 100

61 145.5 110.8 205.8

63 109.3 103.9 192.9





#13

Acetone

Concen: 21.214 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.016 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

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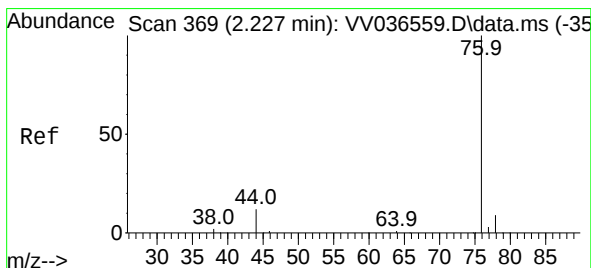
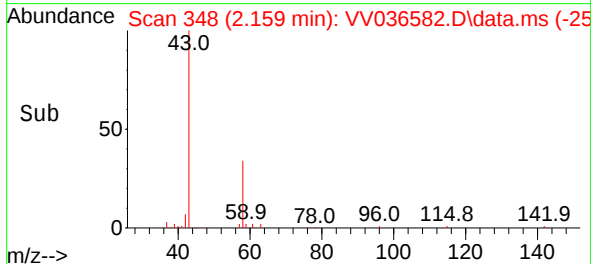
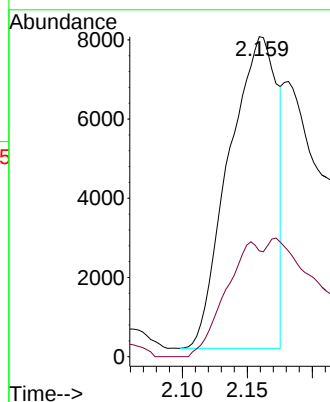
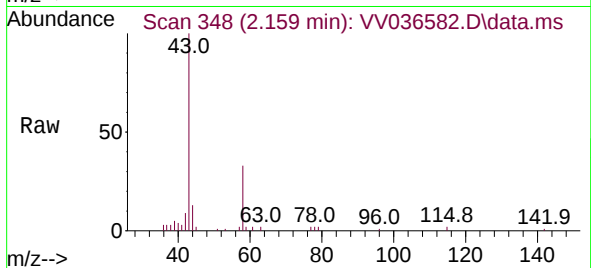
ClientSampleId :

Tgt Ion: 43 Resp: 20358

Ion Ratio Lower Upper

43 100

58 28.2 0.0 28.4



#14

Carbon disulfide

Concen: 18.853 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.006 min

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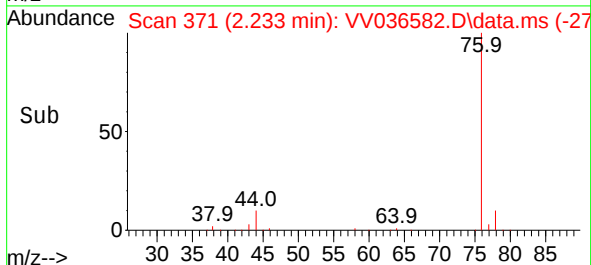
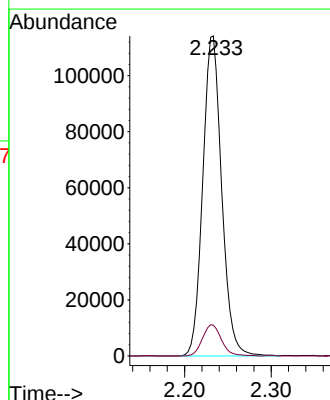
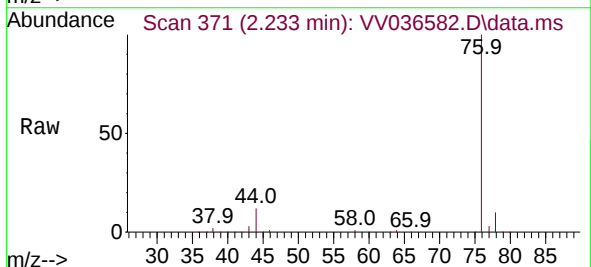
Acq: 17 Jul 2024 09:45

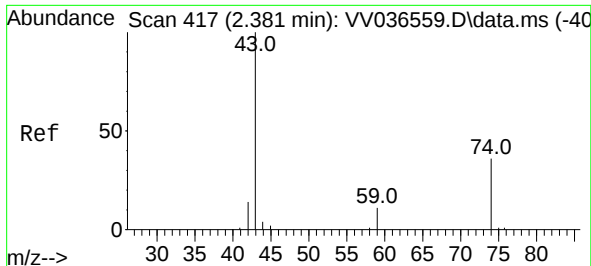
Tgt Ion: 76 Resp: 173103

Ion Ratio Lower Upper

76 100

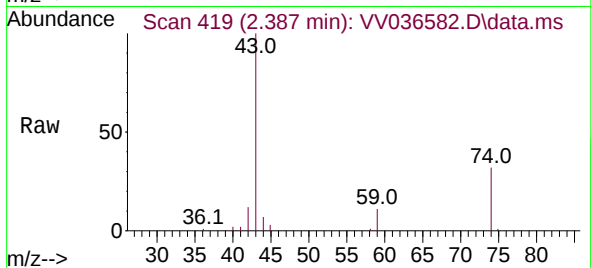
78 9.6 7.4 11.2



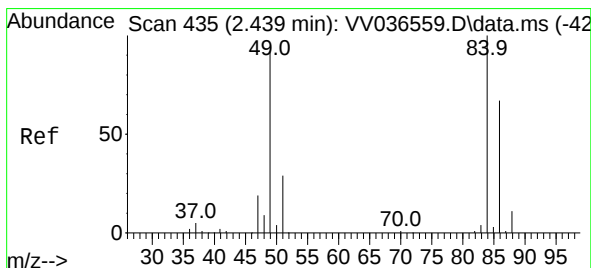
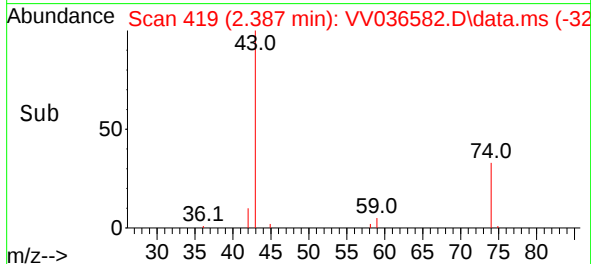
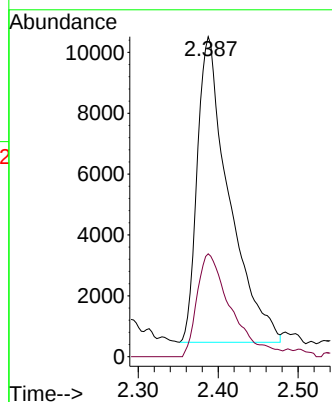


#15
Methyl Acetate
Concen: 21.350 ug/L
RT: 2.387 min Scan# 417
Delta R.T. 0.006 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

Instrument :
MSVOA_V
ClientSampleId :

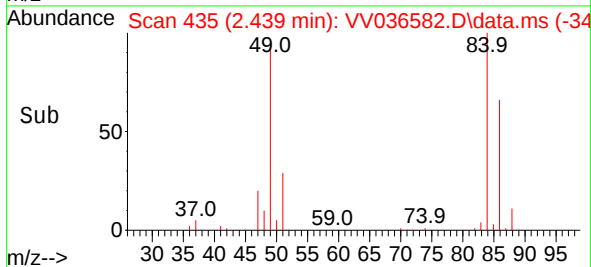
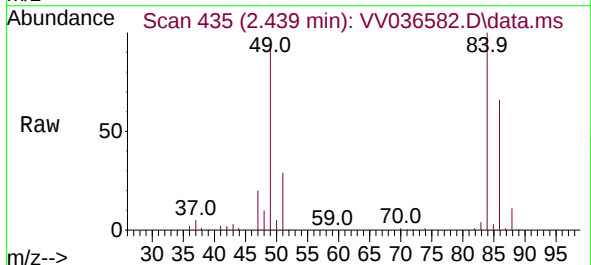
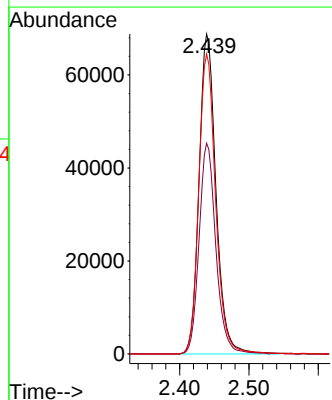


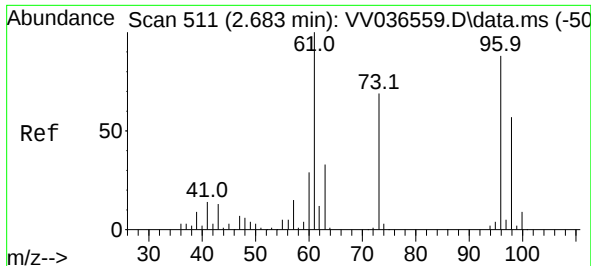
Tgt Ion: 43 Resp: 27681
Ion Ratio Lower Upper
43 100
74 36.1 26.3 39.5



#16
Methylene chloride
Concen: 20.538 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

Tgt Ion: 84 Resp: 116883
Ion Ratio Lower Upper
84 100
86 65.9 46.3 86.1
49 93.7 68.1 126.5





#17

trans-1,2-Dichloroethene

Concen: 23.258 ug/L

RT: 2.687 min Scan# 511

Delta R.T. 0.003 min

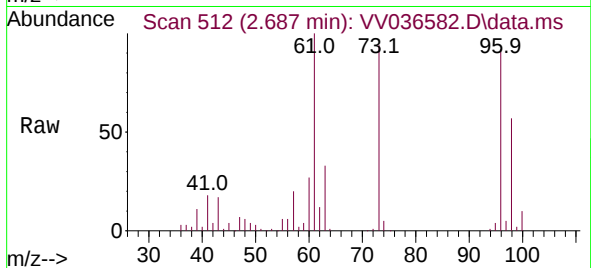
Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :



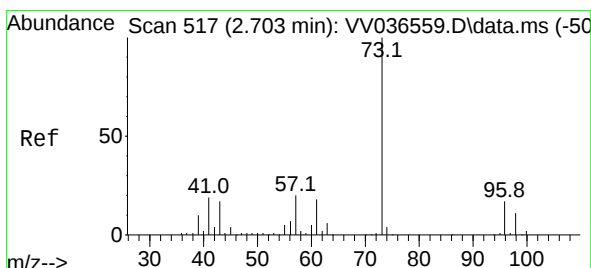
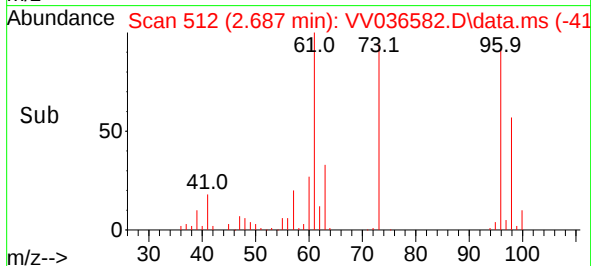
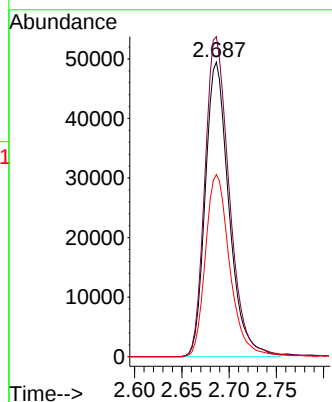
Tgt Ion: 96 Resp: 86431

Ion Ratio Lower Upper

96 100

61 108.6 80.7 149.9

98 61.8 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 23.881 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

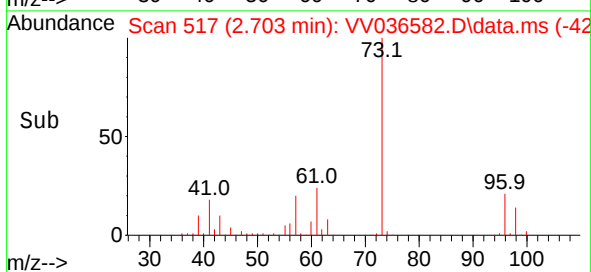
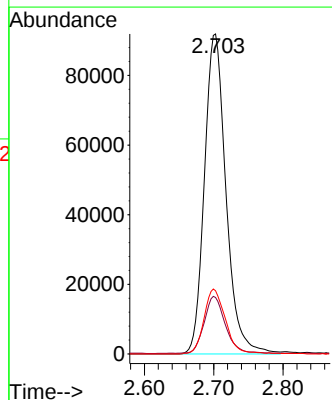
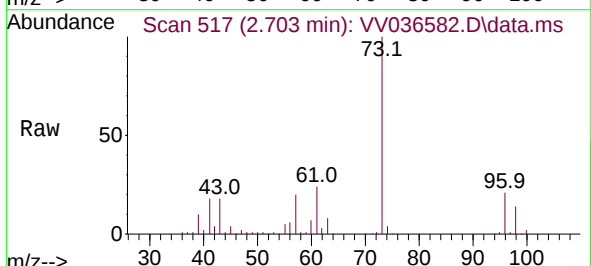
Tgt Ion: 73 Resp: 198864

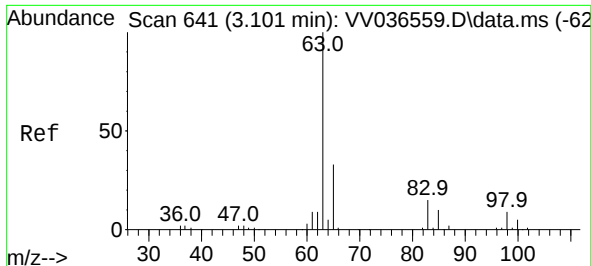
Ion Ratio Lower Upper

73 100

43 17.1 14.3 21.5

57 20.1 16.5 24.7

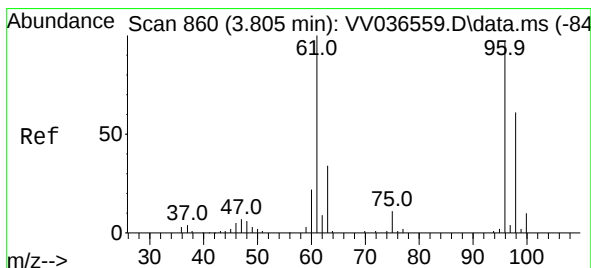
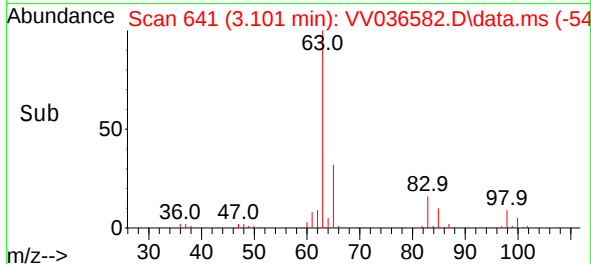
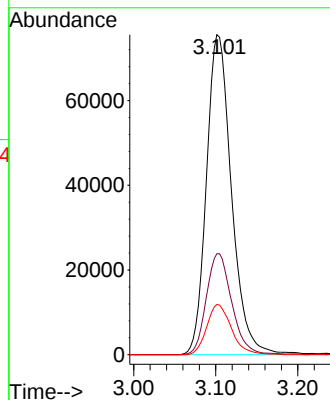
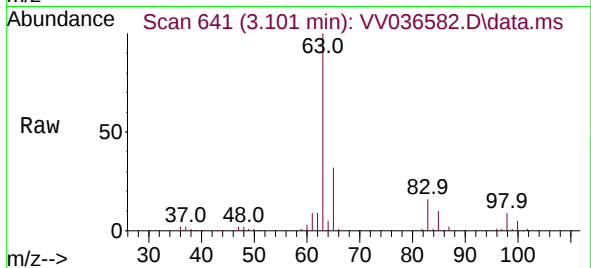




#19
1,1-Dichloroethane
Concen: 23.834 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

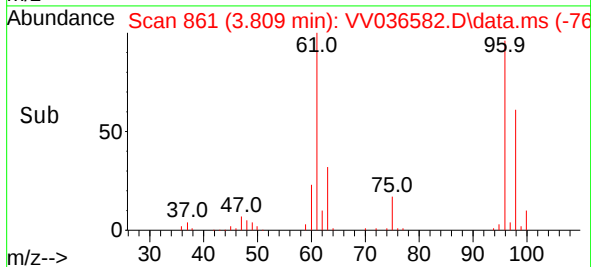
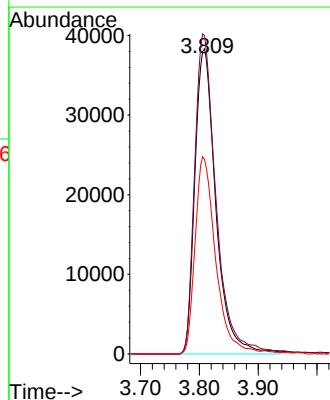
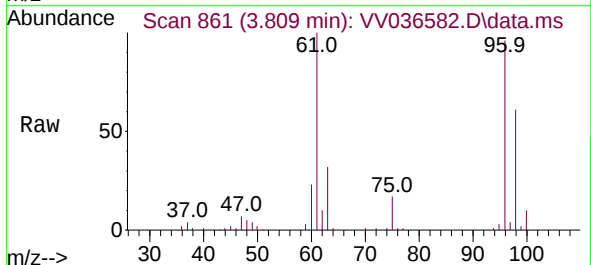
Instrument :
MSVOA_V
ClientSampleId :

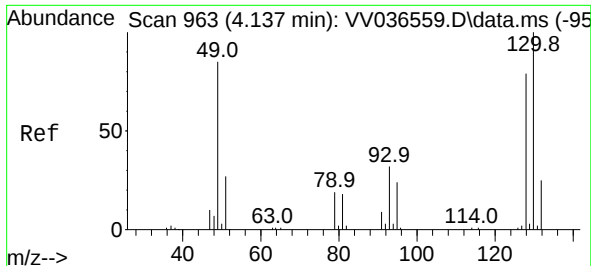
Tgt Ion: 63 Resp: 160322
Ion Ratio Lower Upper
63 100
65 31.6 22.7 42.1
83 15.7 10.9 20.2



#20
cis-1,2-Dichloroethene
Concen: 24.571 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

Tgt Ion: 96 Resp: 94905
Ion Ratio Lower Upper
96 100
61 104.3 74.8 138.8
98 63.8 45.2 84.0





#23

Bromochloromethane

Concen: 25.495 ug/L

RT: 4.140 min Scan# 963

Delta R.T. 0.003 min

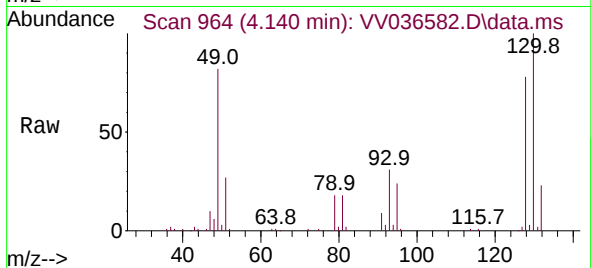
Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 55930

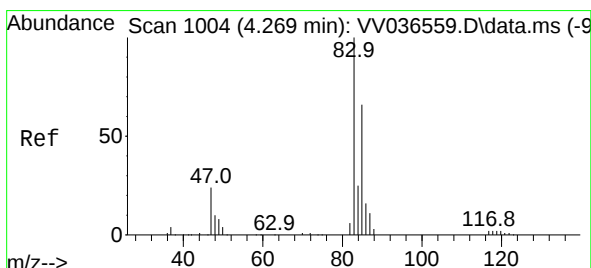
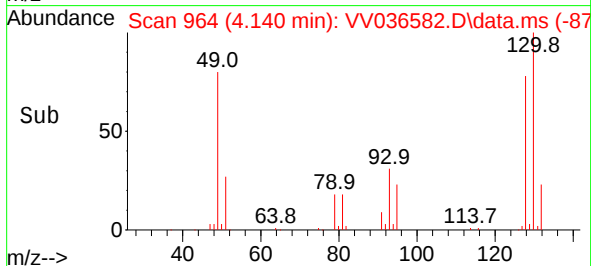
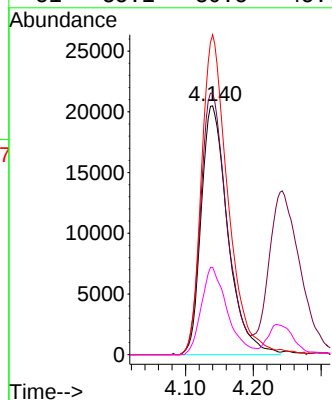
Ion Ratio Lower Upper

128 100

49 105.1 80.7 149.9

130 128.6 89.9 167.0

51 35.1 30.5 45.7



#25

Chloroform

Concen: 24.917 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.003 min

Lab File: VV036582.D

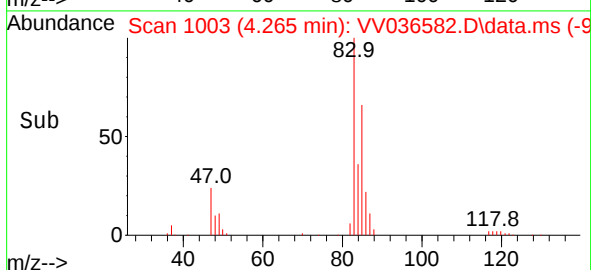
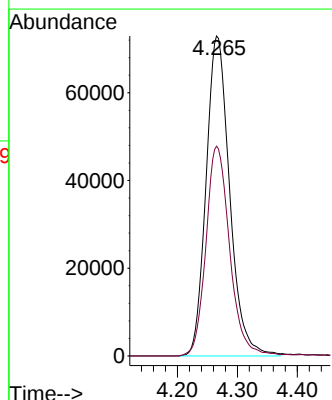
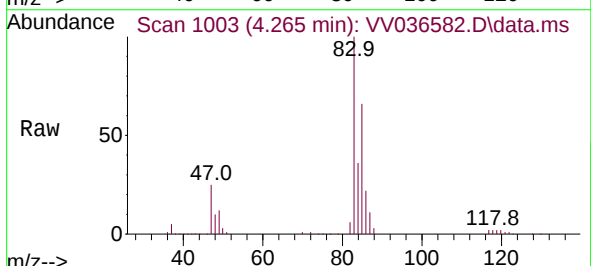
Acq: 17 Jul 2024 09:45

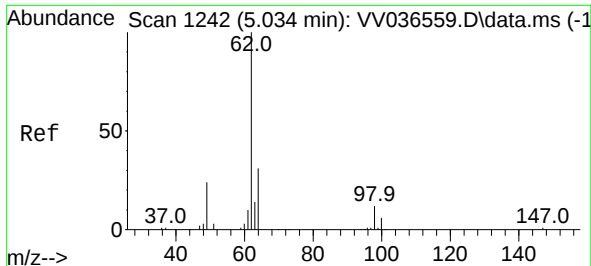
Tgt Ion: 83 Resp: 199013

Ion Ratio Lower Upper

83 100

85 65.5 45.6 84.6





#27

1,2-Dichloroethane

Concen: 25.304 ug/L

RT: 5.034 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

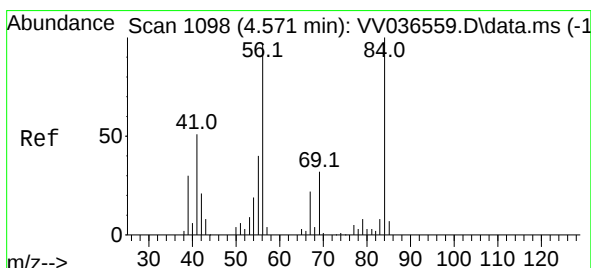
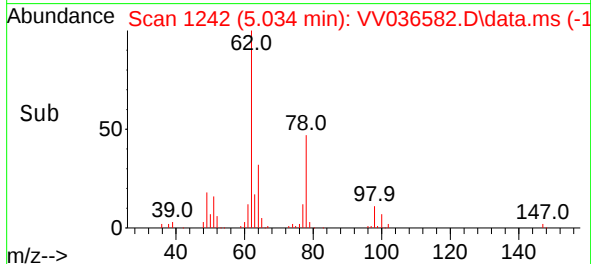
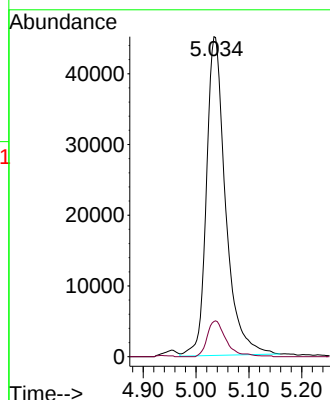
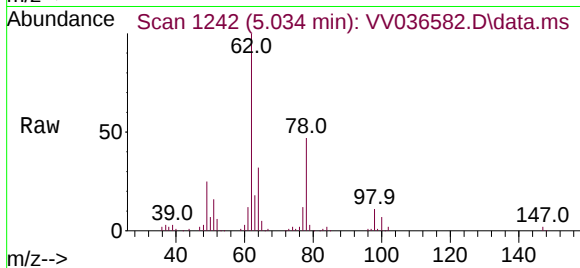
ClientSampleId :

Tgt Ion: 62 Resp: 113527

Ion Ratio Lower Upper

62 100

98 11.0 8.9 13.3



#29

Cyclohexane

Concen: 21.129 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

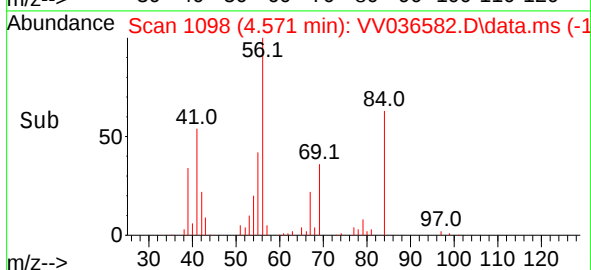
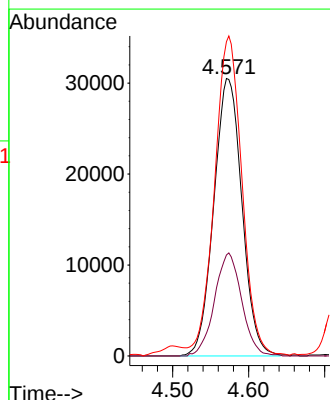
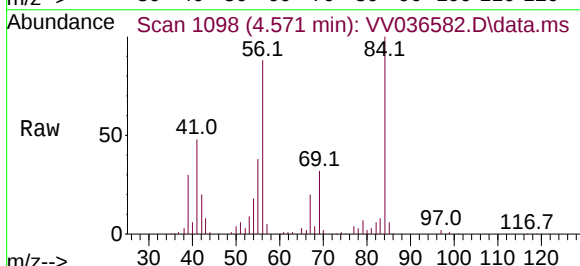
Tgt Ion: 56 Resp: 78334

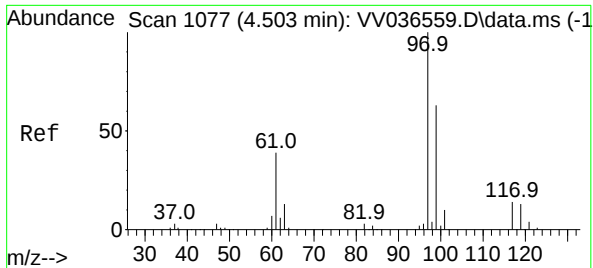
Ion Ratio Lower Upper

56 100

69 35.7 27.6 41.4

84 111.6 85.4 128.2

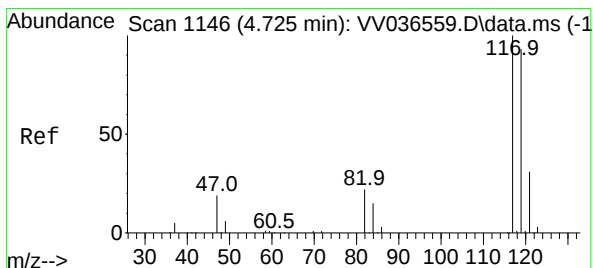
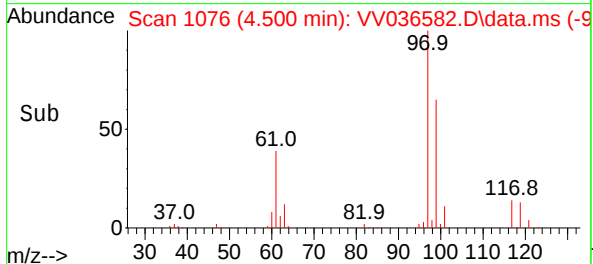
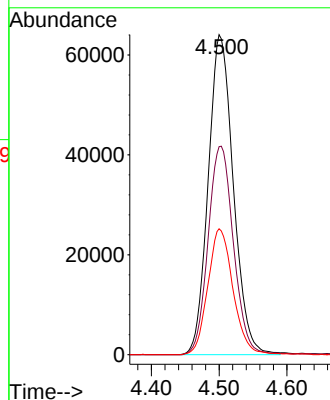
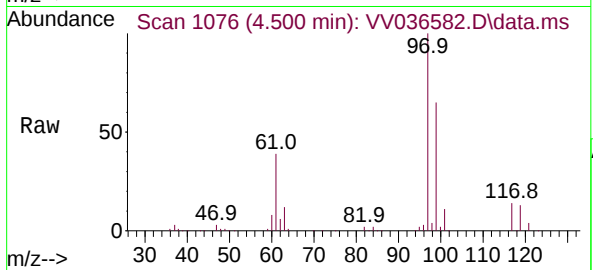




#30
1,1,1-Trichloroethane
Concen: 24.378 ug/L
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

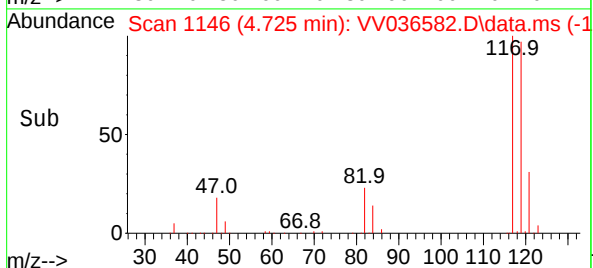
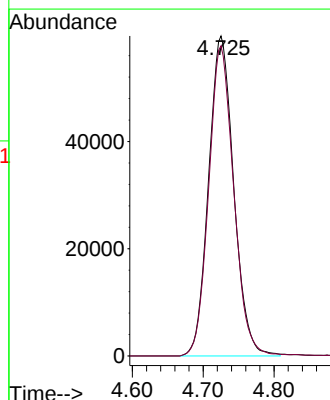
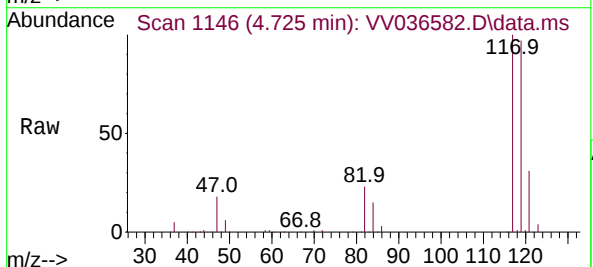
Instrument :
MSVOA_V
ClientSampleId :

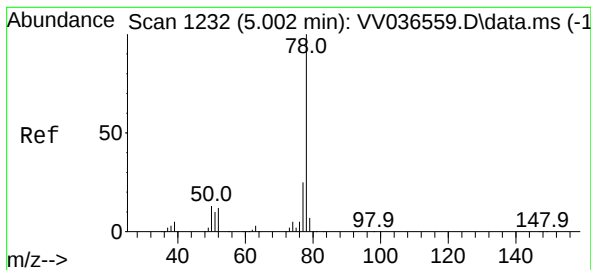
Tgt Ion: 97 Resp: 165151
Ion Ratio Lower Upper
97 100
99 65.6 51.9 77.9
61 39.4 32.2 48.4



#31
Carbon tetrachloride
Concen: 24.475 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

Tgt Ion: 117 Resp: 147052
Ion Ratio Lower Upper
117 100
119 96.1 77.6 116.4





#33

Benzene

Concen: 24.346 ug/L

RT: 5.002 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV036582.D

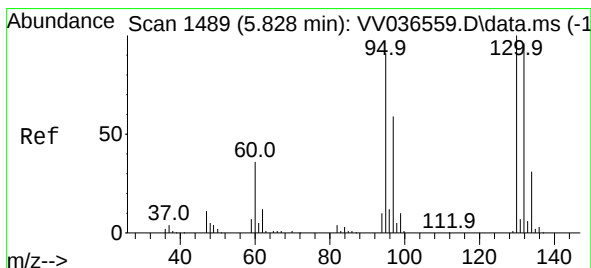
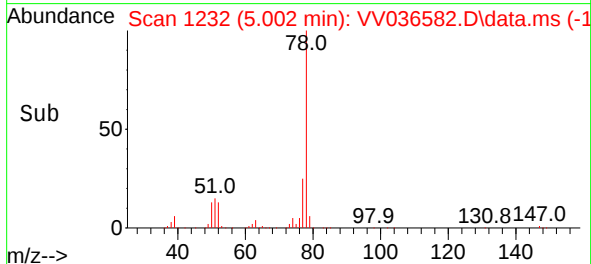
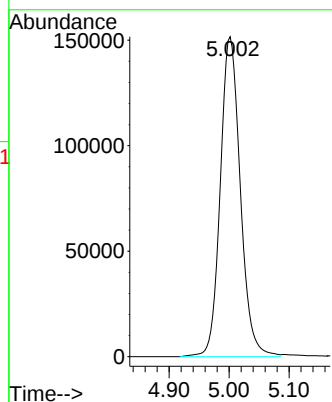
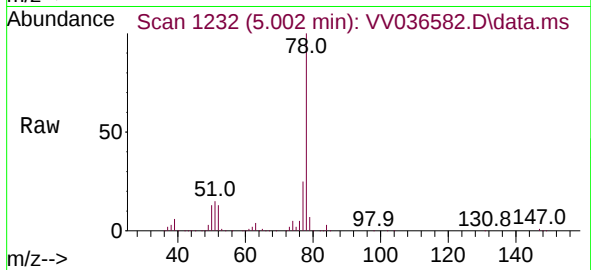
Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 351126



#34

Trichloroethene

Concen: 24.130 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Tgt Ion: 95 Resp: 110741

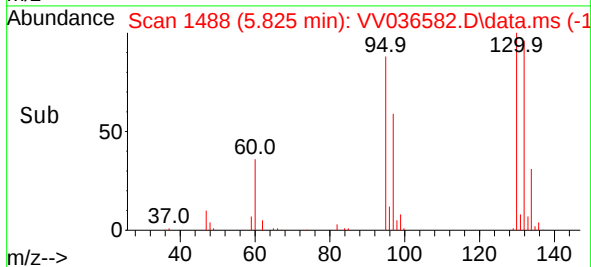
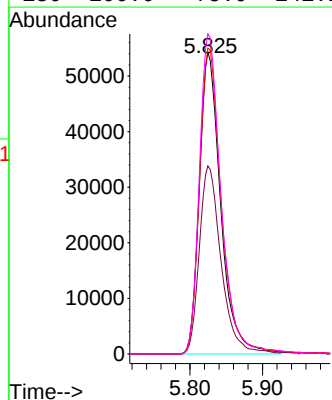
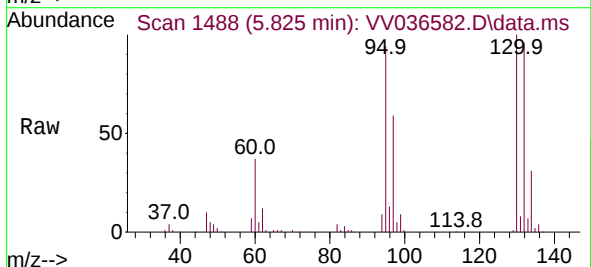
Ion Ratio Lower Upper

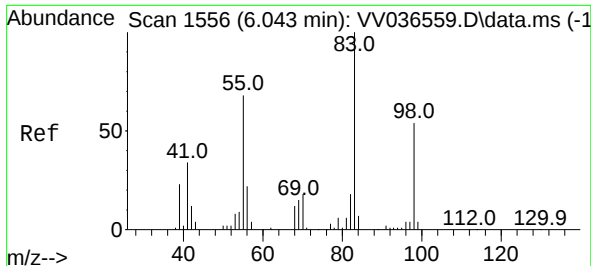
95 100

97 62.2 44.4 82.4

132 101.3 73.0 135.6

130 106.0 75.9 141.1

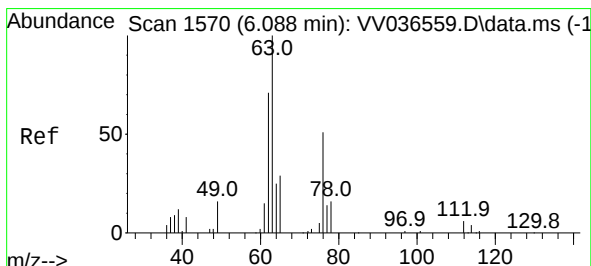
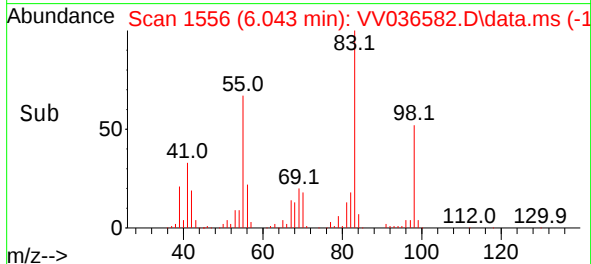
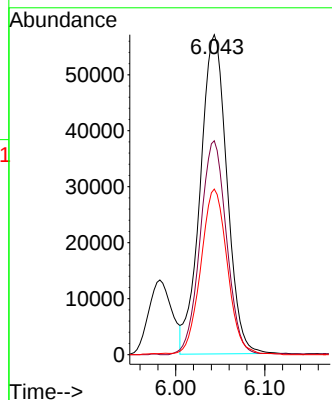
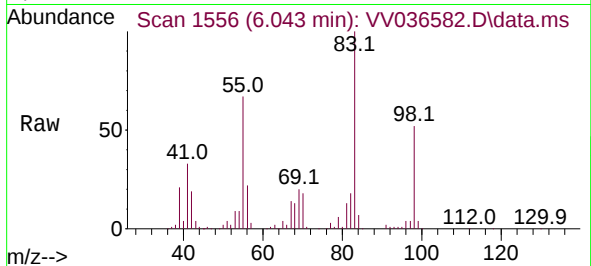




#35
Methylcyclohexane
Concen: 22.683 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

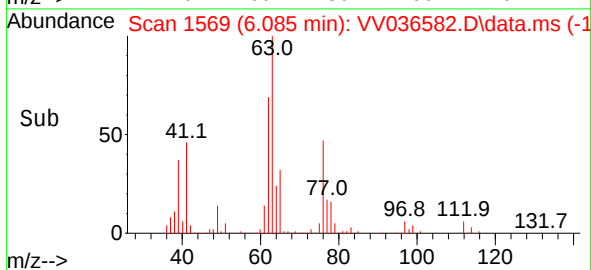
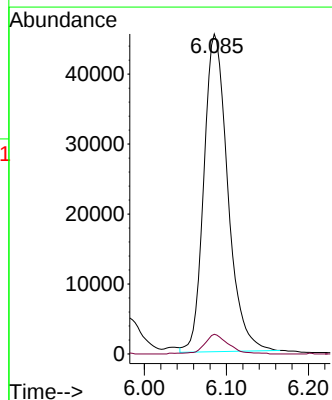
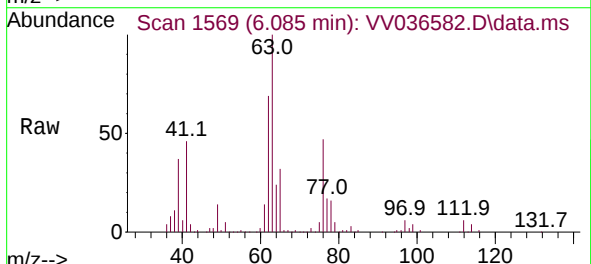
Instrument :
MSVOA_V
ClientSampleId :

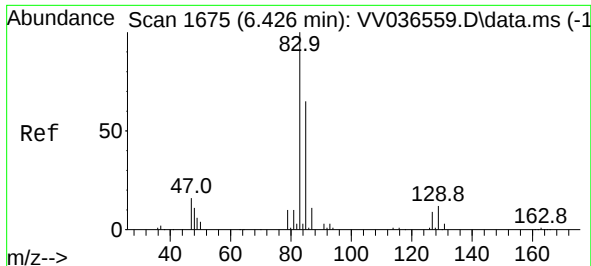
Tgt Ion: 83 Resp: 118806
Ion Ratio Lower Upper
83 100
55 66.0 54.3 81.5
98 50.7 41.7 62.5



#37
1,2-Dichloropropane
Concen: 25.327 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

Tgt Ion: 63 Resp: 92183
Ion Ratio Lower Upper
63 100
112 5.7 4.5 6.7





#38

Bromodichloromethane

Concen: 24.452 ug/L

RT: 6.426 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

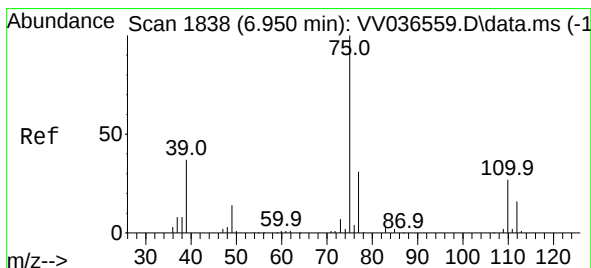
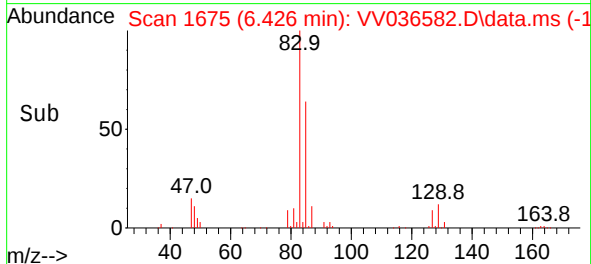
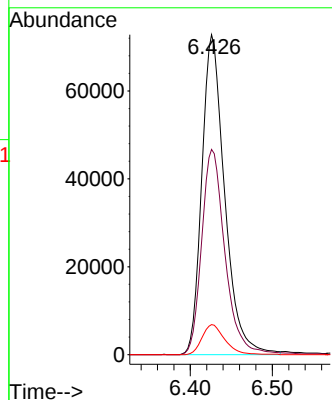
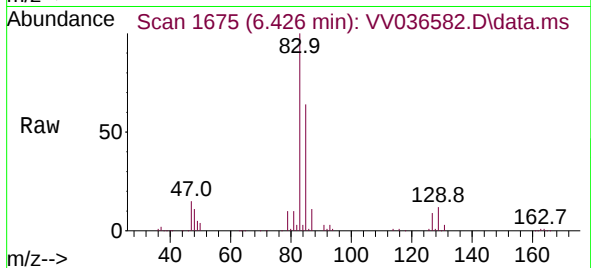
Tgt Ion: 83 Resp: 141020

Ion Ratio Lower Upper

83 100

85 64.1 44.3 82.3

127 9.4 7.0 10.4



#39

cis-1,3-Dichloropropene

Concen: 24.254 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV036582.D

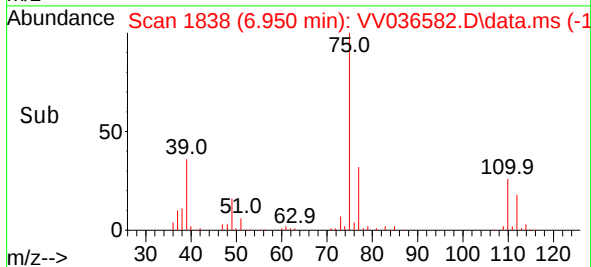
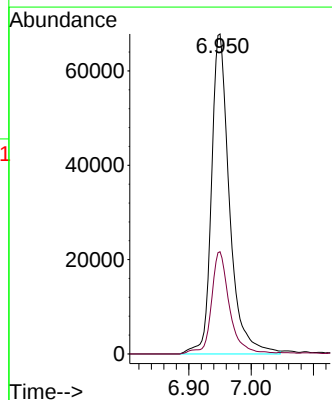
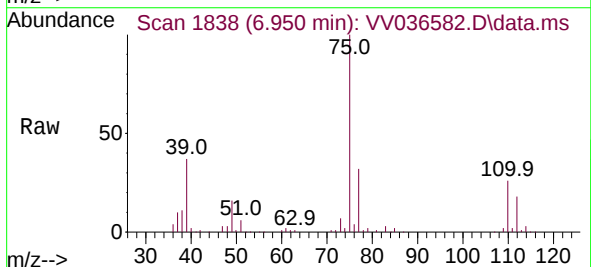
Acq: 17 Jul 2024 09:45

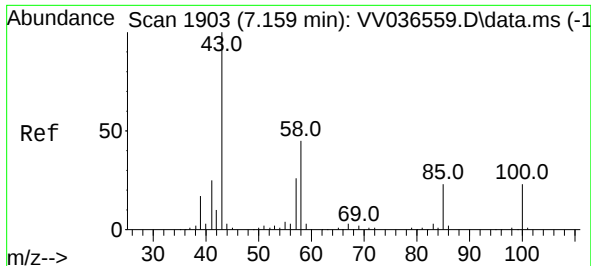
Tgt Ion: 75 Resp: 136126

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2





#40

4-Methyl-2-pentanone

Concen: 45.643 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

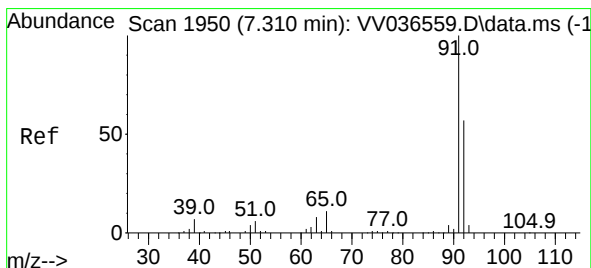
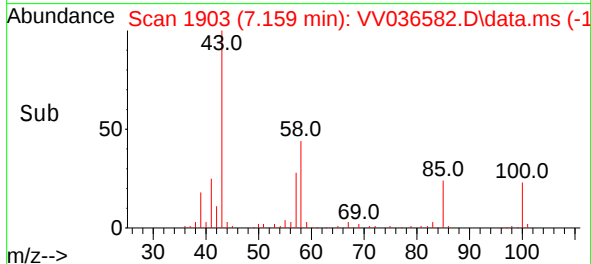
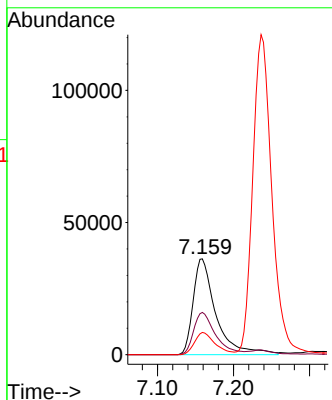
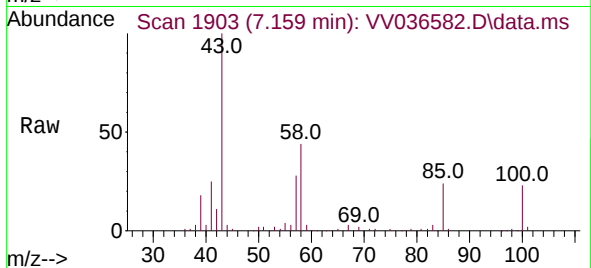
Tgt Ion: 43 Resp: 75495

Ion Ratio Lower Upper

43 100

58 42.5 32.9 49.3

100 21.1 15.5 23.3



#42

Toluene

Concen: 26.418 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036582.D

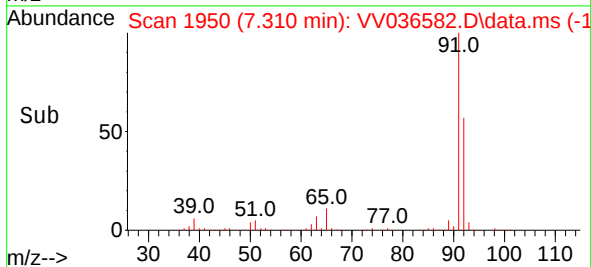
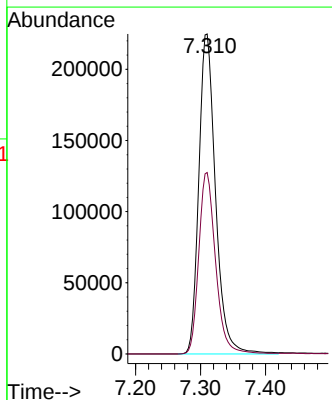
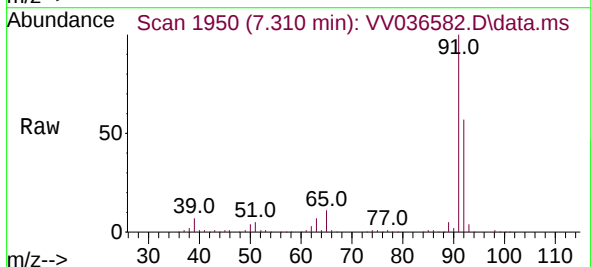
Acq: 17 Jul 2024 09:45

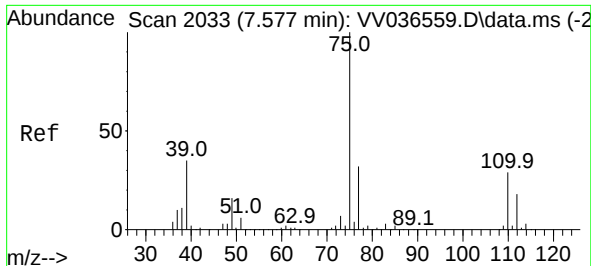
Tgt Ion: 91 Resp: 403711

Ion Ratio Lower Upper

91 100

92 56.7 40.1 74.5





#44

trans-1,3-Dichloropropene

Concen: 25.127 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

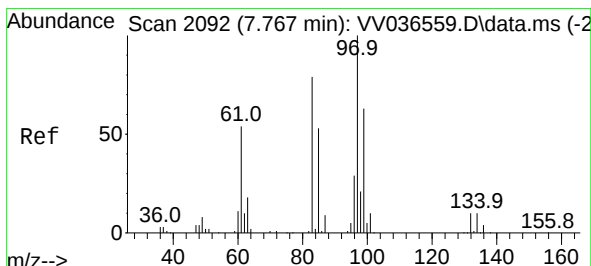
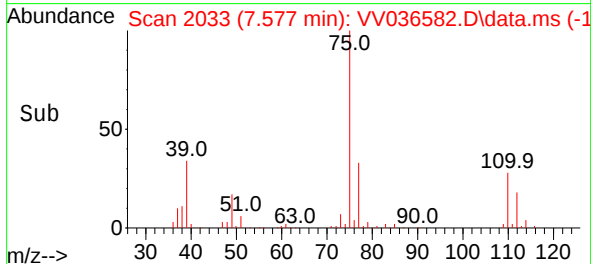
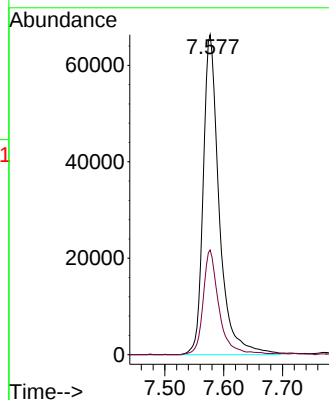
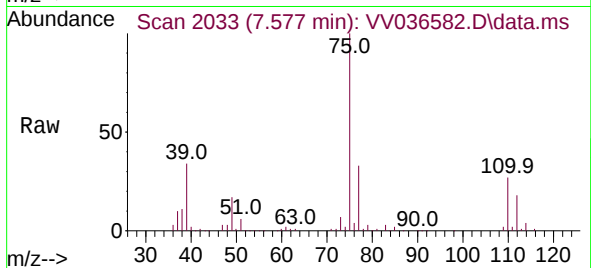
ClientSampleId :

Tgt Ion: 75 Resp: 125742

Ion Ratio Lower Upper

75 100

77 32.7 21.9 40.7



#45

1,1,2-Trichloroethane

Concen: 24.980 ug/L

RT: 7.763 min Scan# 2091

Delta R.T. -0.003 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Tgt Ion: 97 Resp: 89591

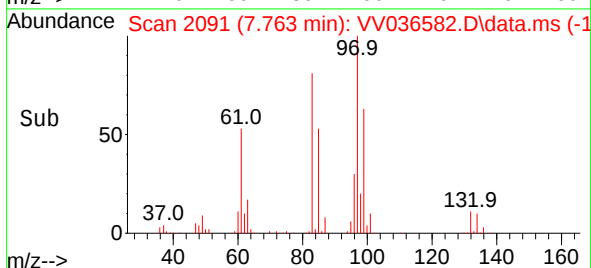
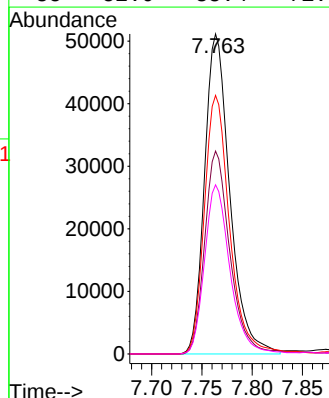
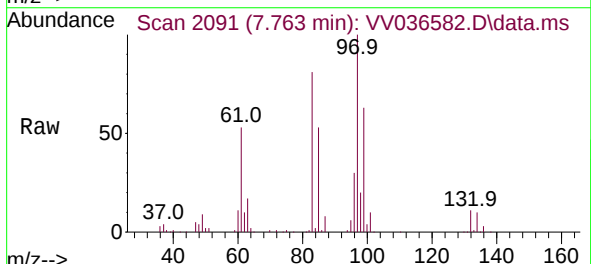
Ion Ratio Lower Upper

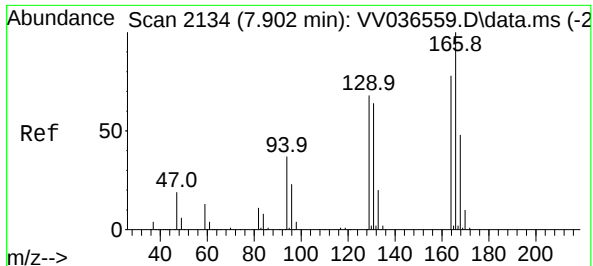
97 100

99 63.4 42.6 79.2

83 80.8 58.0 107.6

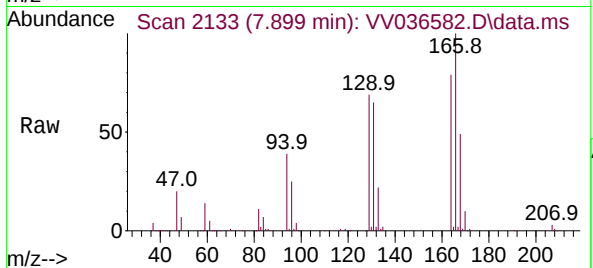
85 52.9 38.4 71.4



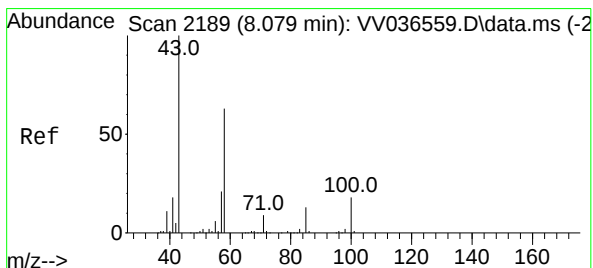
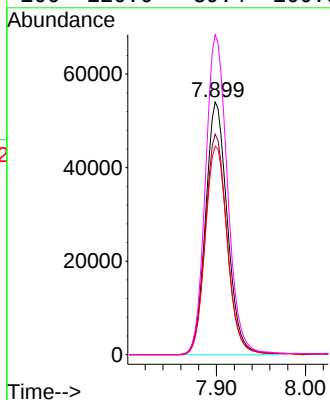
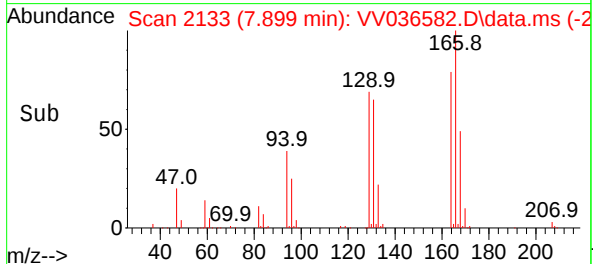


#46
Tetrachloroethene
Concen: 24.801 ug/L
RT: 7.899 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

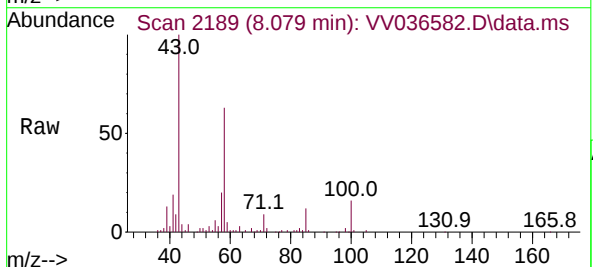
Instrument :
MSVOA_V
ClientSampleId :



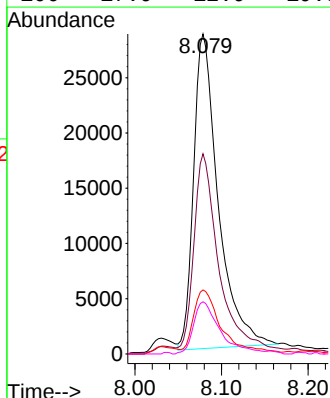
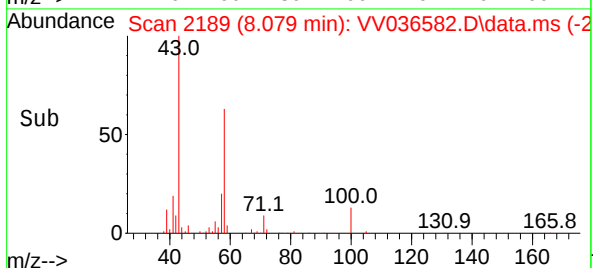
Tgt Ion:164 Resp: 92029
Ion Ratio Lower Upper
164 100
129 87.2 61.0 113.4
131 82.5 59.8 111.1
166 126.6 89.4 166.0

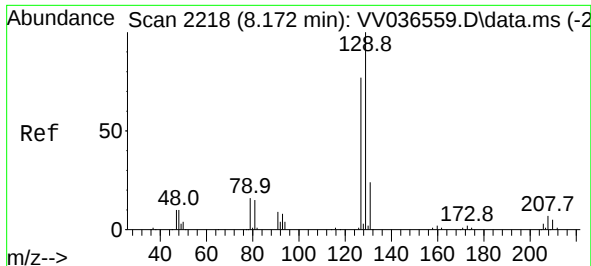


#48
2-Hexanone
Concen: 45.822 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45



Tgt Ion: 43 Resp: 56220
Ion Ratio Lower Upper
43 100
58 63.2 49.5 74.3
57 19.7 15.3 22.9
100 17.9 12.9 19.3





#49

Dibromochloromethane

Concen: 25.498 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.000 min MSVOA_V

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

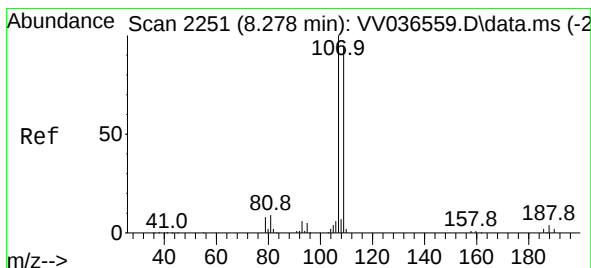
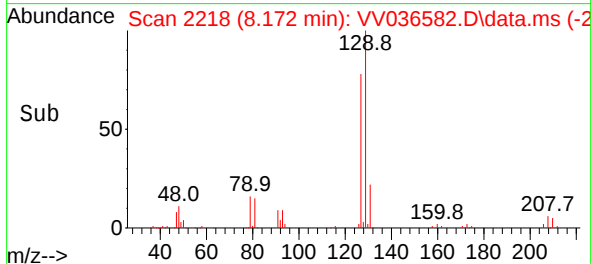
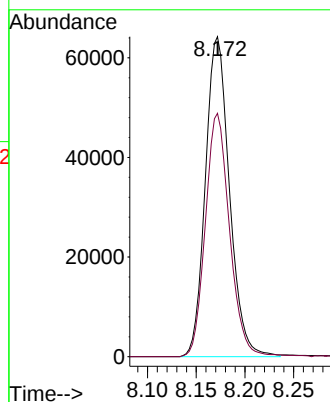
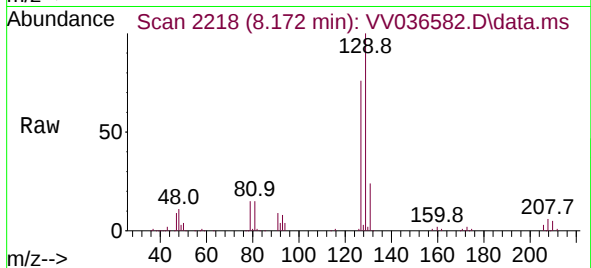
ClientSampleId :

Tgt Ion:129 Resp: 110584

Ion Ratio Lower Upper

129 100

127 76.1 53.7 99.7



#50

1,2-Dibromoethane

Concen: 25.015 ug/L

RT: 8.278 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

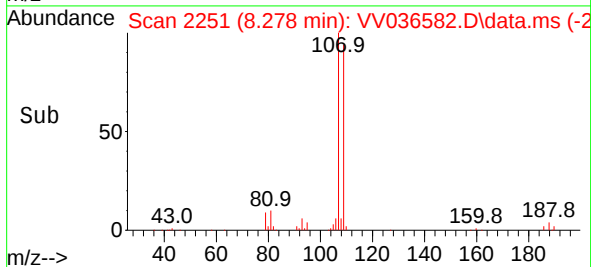
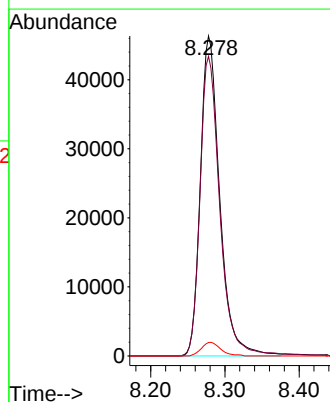
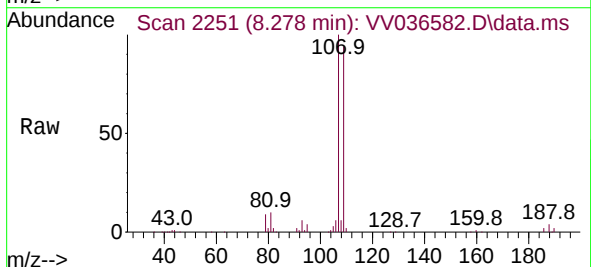
Tgt Ion:107 Resp: 84202

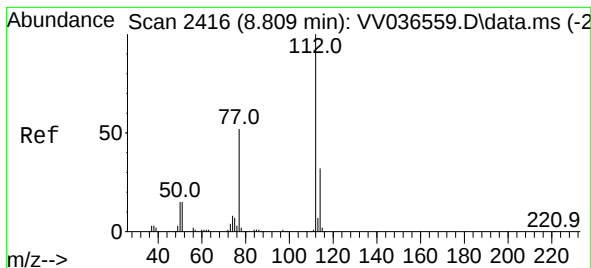
Ion Ratio Lower Upper

107 100

109 93.7 66.2 123.0

188 4.2 3.4 5.0





#51

Chlorobenzene

Concen: 25.197 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

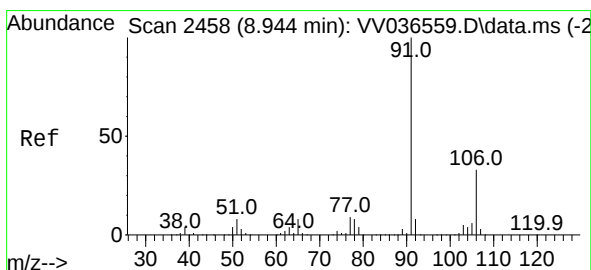
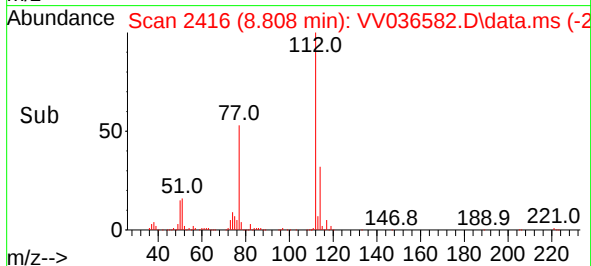
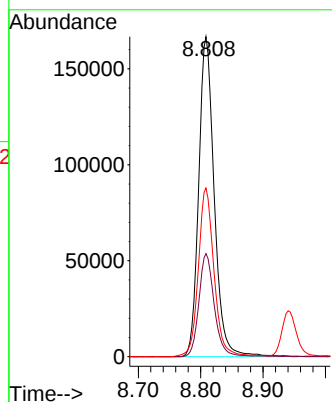
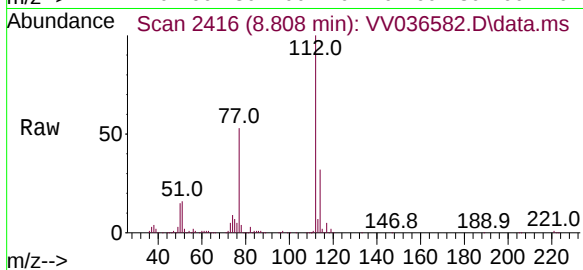
Tgt Ion:112 Resp: 288372

Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.9

77 52.7 43.0 64.6



#52

Ethylbenzene

Concen: 25.804 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.003 min

Lab File: VV036582.D

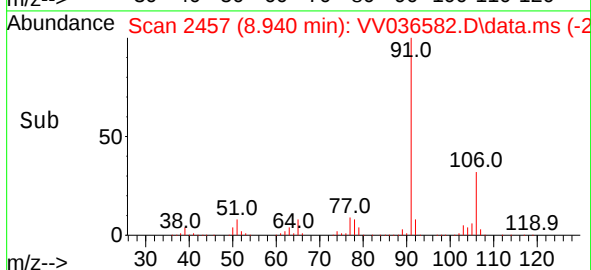
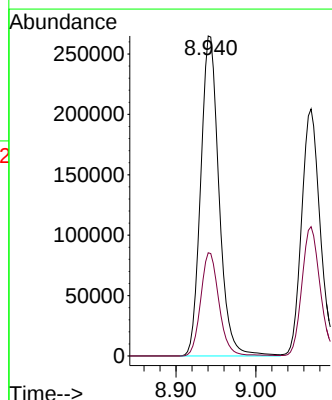
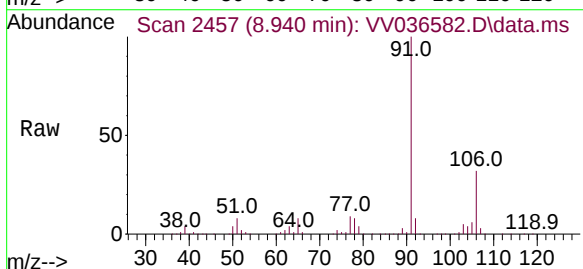
Acq: 17 Jul 2024 09:45

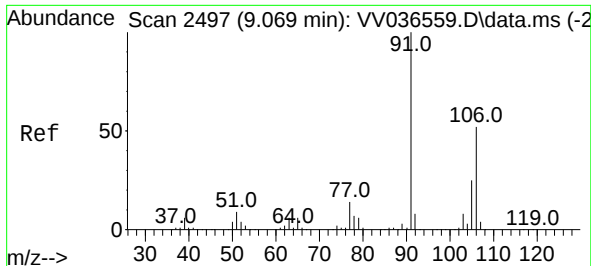
Tgt Ion: 91 Resp: 423005

Ion Ratio Lower Upper

91 100

106 32.3 22.6 42.0





#53

m,p-Xylene

Concen: 27.038 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

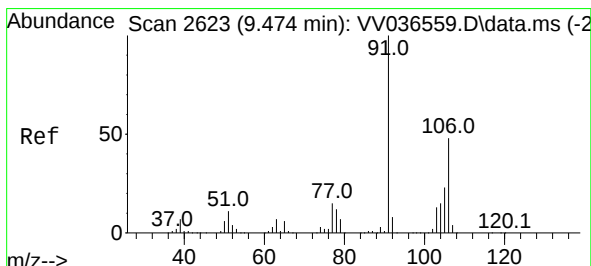
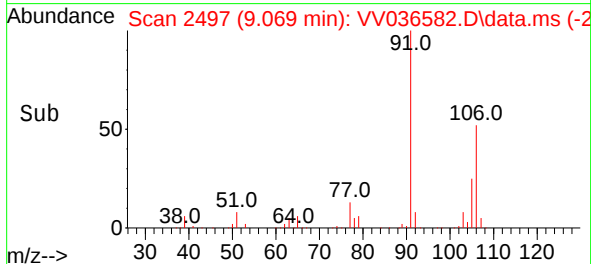
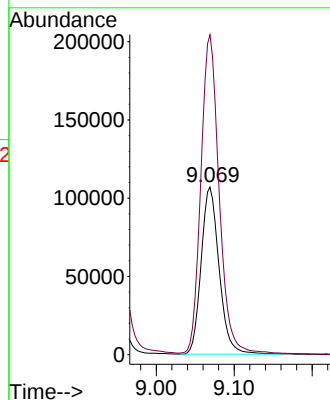
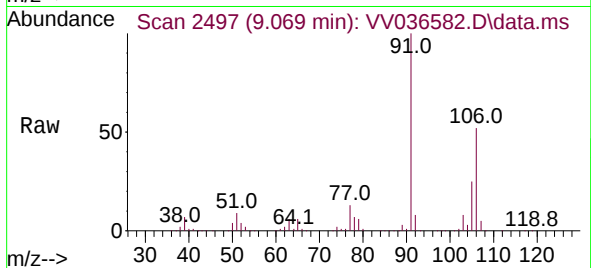
ClientSampleId :

Tgt Ion:106 Resp: 170643

Ion Ratio Lower Upper

106 100

91 191.0 137.1 254.7



#54

o-Xylene

Concen: 26.606 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. -0.000 min

Lab File: VV036582.D

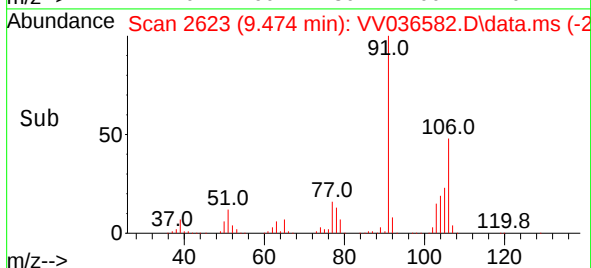
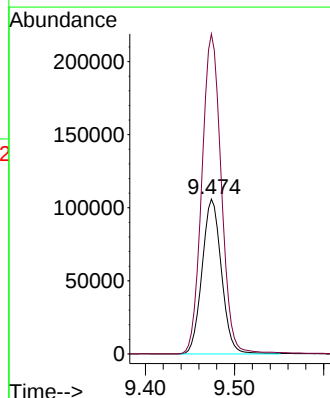
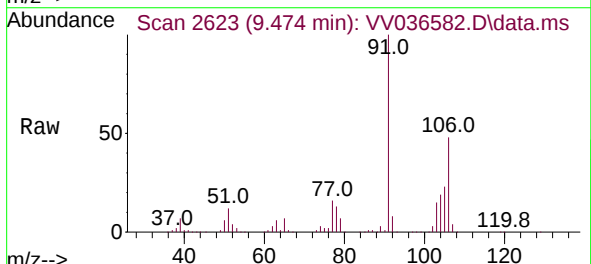
Acq: 17 Jul 2024 09:45

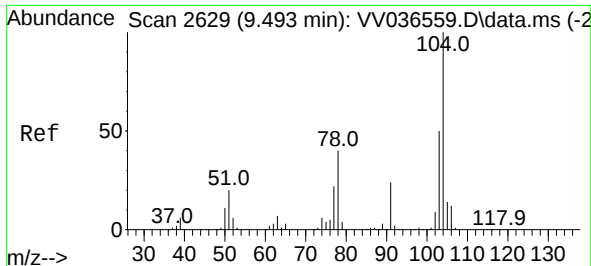
Tgt Ion:106 Resp: 159873

Ion Ratio Lower Upper

106 100

91 206.6 147.3 273.6

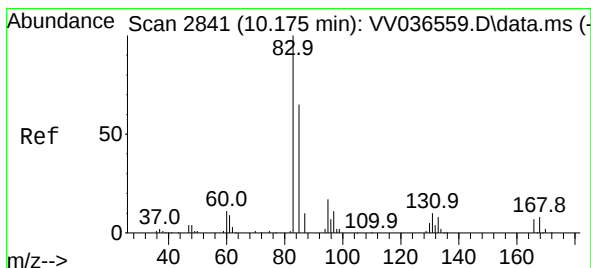
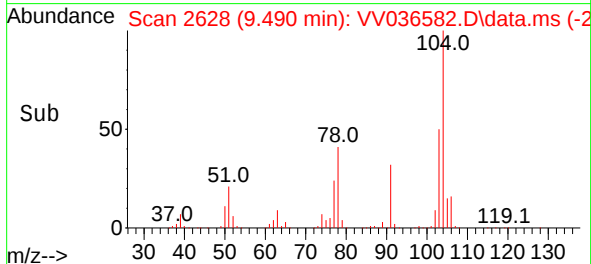
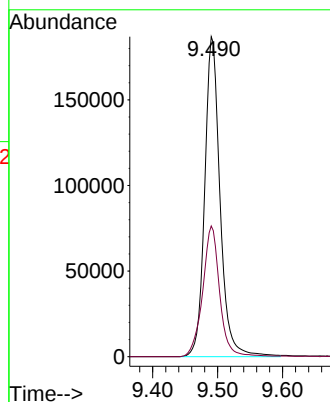
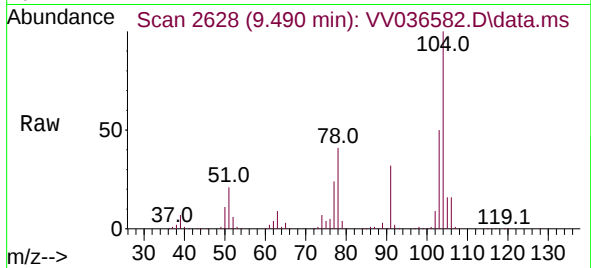




#55
Styrene
Concen: 28.707 ug/L
RT: 9.490 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

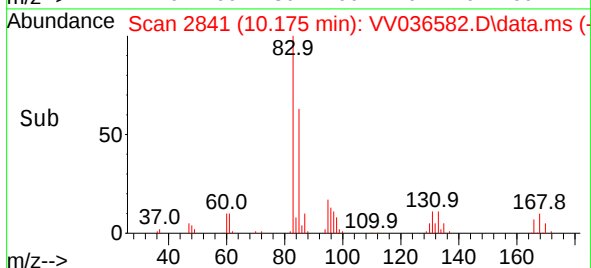
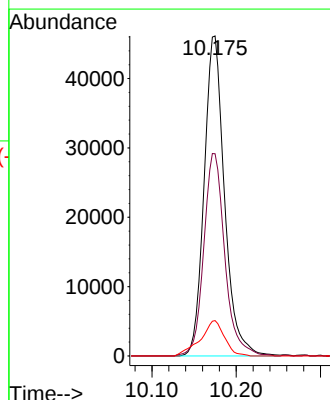
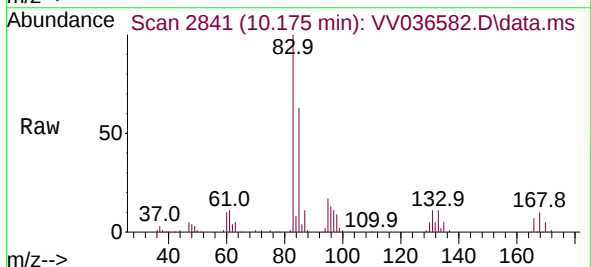
Instrument :
MSVOA_V
ClientSampleId :

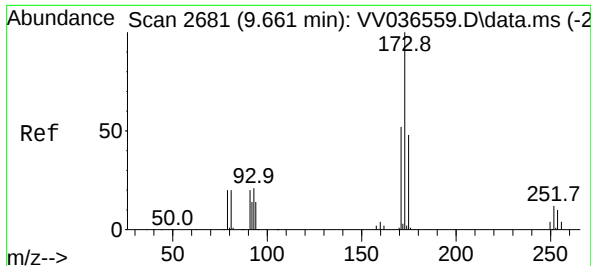
Tgt Ion:104 Resp: 308629
Ion Ratio Lower Upper
104 100
78 40.8 28.8 53.6



#57
1,1,2,2-Tetrachloroethane
Concen: 23.753 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

Tgt Ion: 83 Resp: 77792
Ion Ratio Lower Upper
83 100
85 63.2 45.0 83.6
131 11.1 8.1 12.1





#59

Bromoform

Concen: 23.662 ug/L

RT: 9.661 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

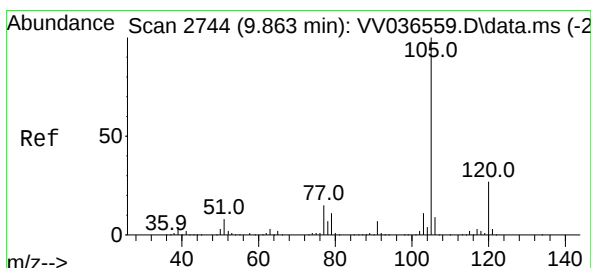
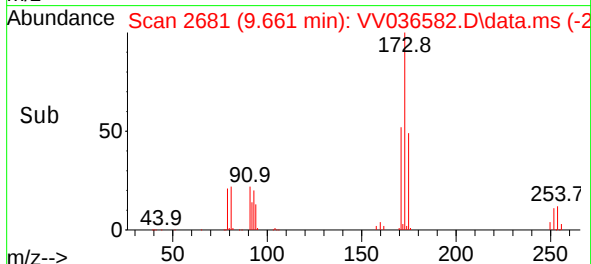
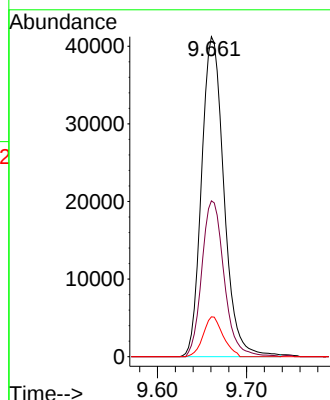
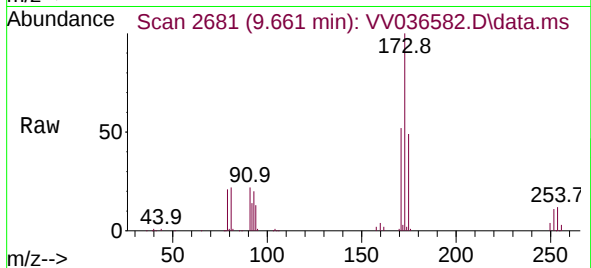
Tgt Ion:173 Resp: 72043

Ion Ratio Lower Upper

173 100

175 48.4 37.6 56.4

254 11.1 8.2 12.4



#60

Isopropylbenzene

Concen: 25.527 ug/L

RT: 9.863 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

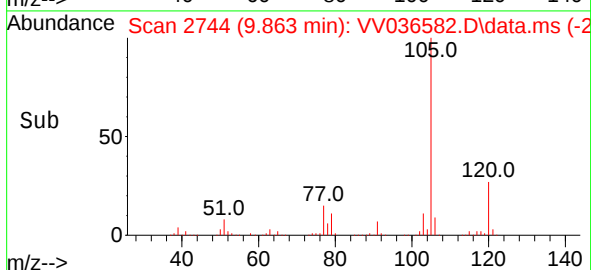
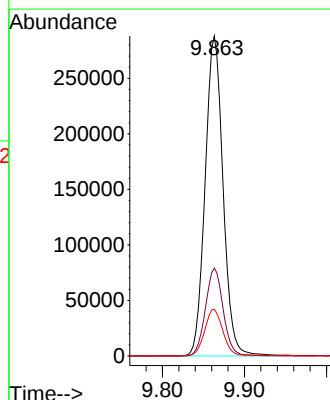
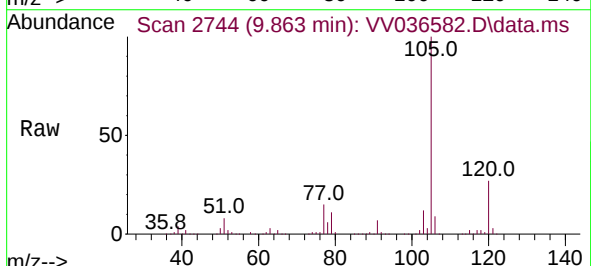
Tgt Ion:105 Resp: 438104

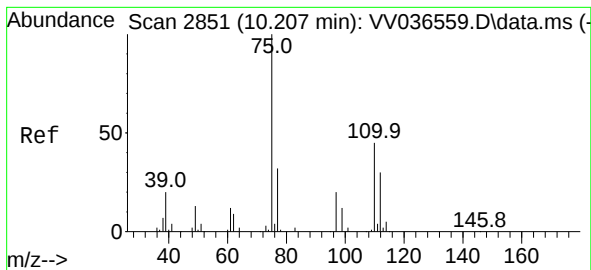
Ion Ratio Lower Upper

105 100

120 27.2 21.8 32.6

77 14.8 12.0 18.0





#61

1,2,3-Trichloropropane

Concen: 22.788 ug/L

RT: 10.204 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

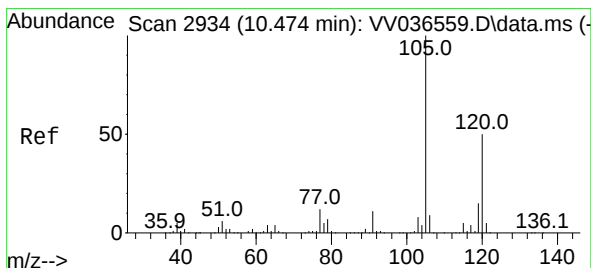
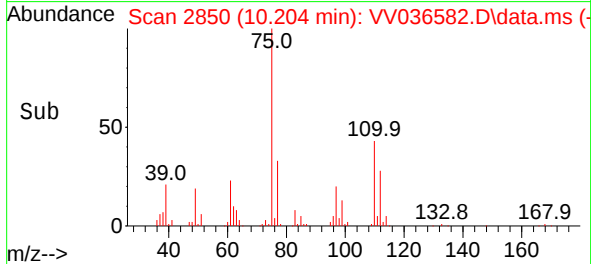
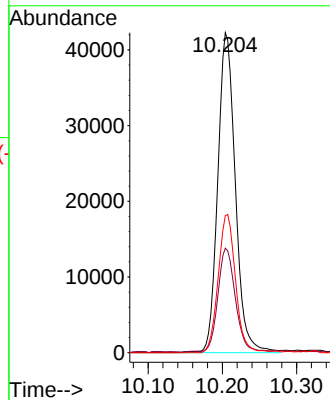
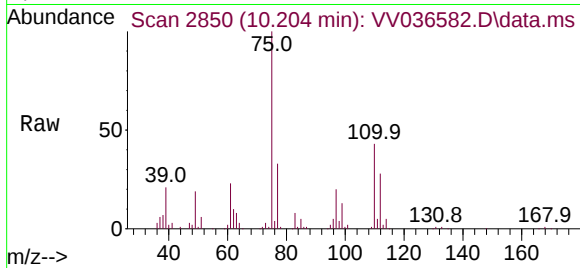
Tgt Ion: 75 Resp: 69652

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

110 42.2 34.8 52.2



#62

1,3,5-Trimethylbenzene

Concen: 25.479 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV036582.D

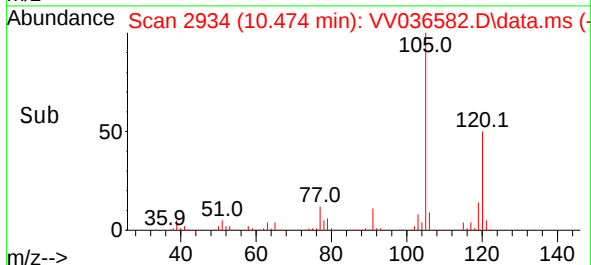
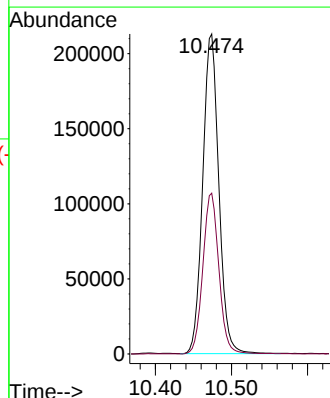
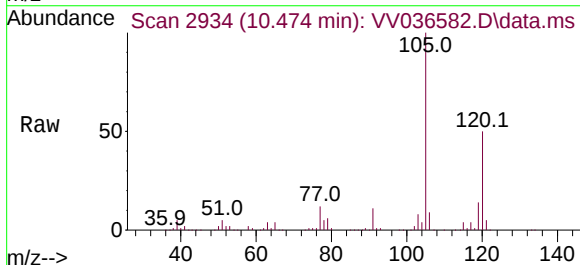
Acq: 17 Jul 2024 09:45

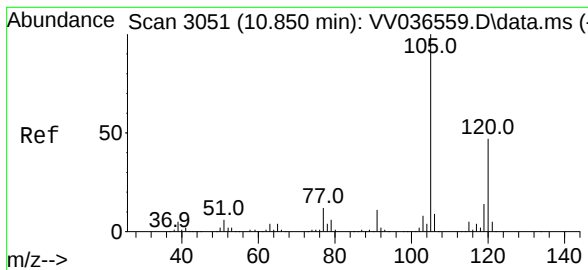
Tgt Ion:105 Resp: 313149

Ion Ratio Lower Upper

105 100

120 50.0 39.9 59.9





#63

1,2,4-Trimethylbenzene

Concen: 26.237 ug/L

RT: 10.847 min Scan# 3051

Delta R.T. -0.003 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

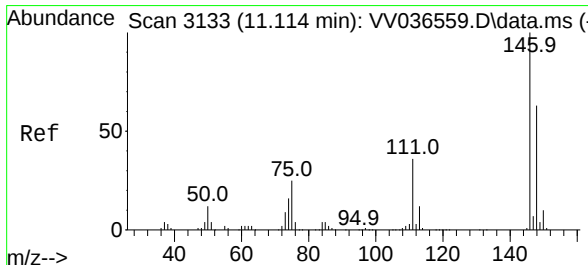
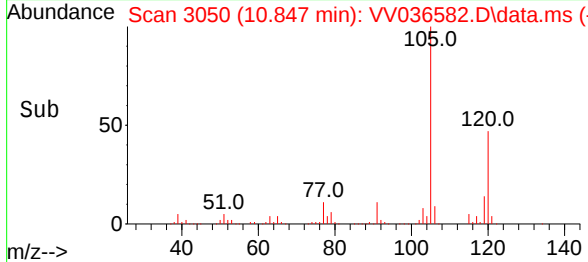
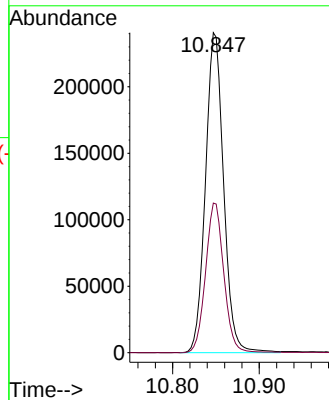
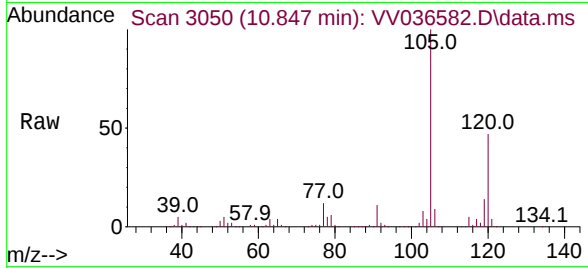
ClientSampleId :

Tgt Ion:105 Resp: 350879

Ion Ratio Lower Upper

105 100

120 46.9 37.0 55.4



#64

1,3-Dichlorobenzene

Concen: 25.955 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.003 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

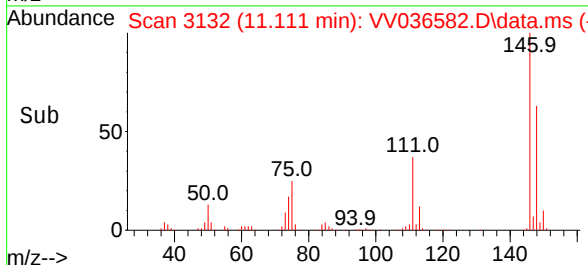
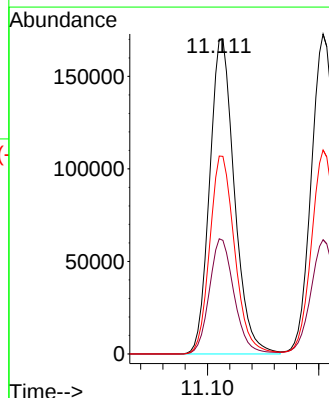
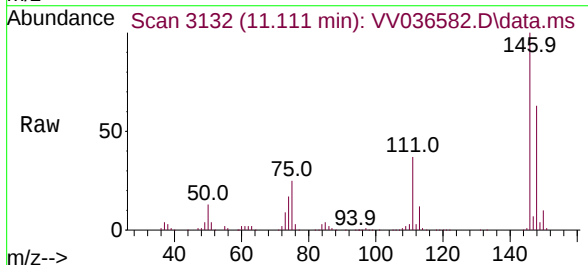
Tgt Ion:146 Resp: 263338

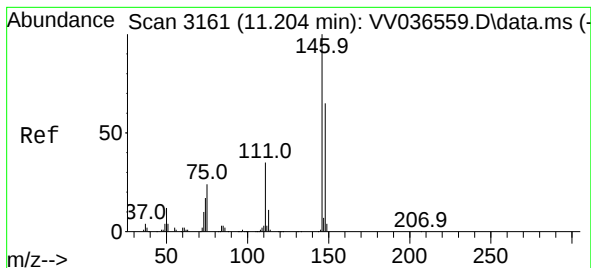
Ion Ratio Lower Upper

146 100

111 36.6 25.8 47.8

148 62.9 44.4 82.4





#65

1,4-Dichlorobenzene

Concen: 25.007 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

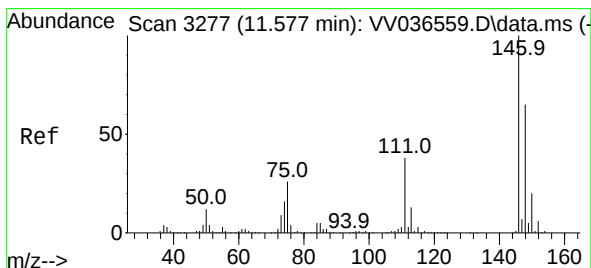
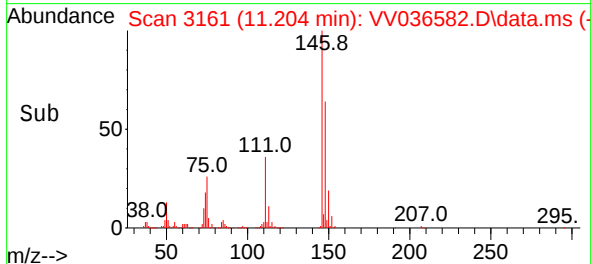
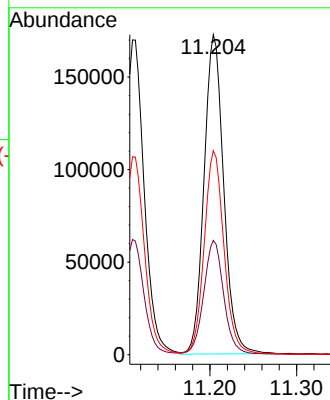
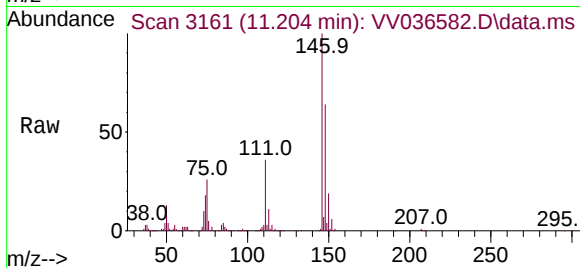
Tgt Ion:146 Resp: 272437

Ion Ratio Lower Upper

146 100

111 35.7 25.2 46.8

148 63.8 45.2 84.0



#67

1,2-Dichlorobenzene

Concen: 25.412 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.003 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

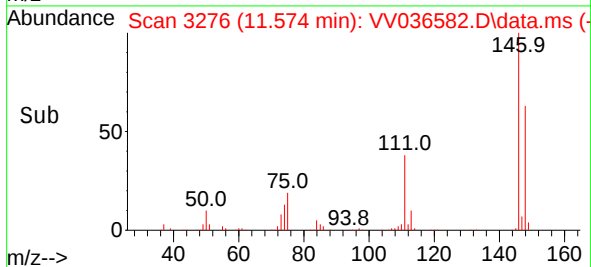
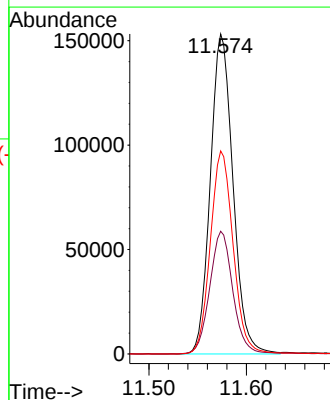
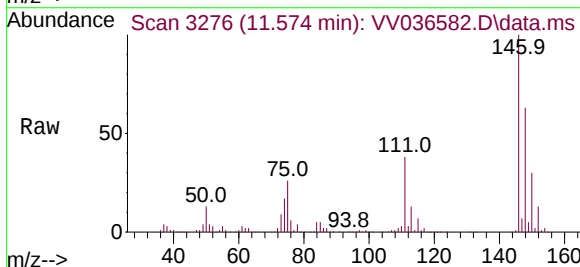
Tgt Ion:146 Resp: 247759

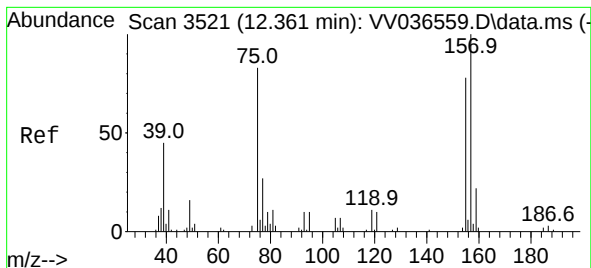
Ion Ratio Lower Upper

146 100

111 38.4 30.8 46.2

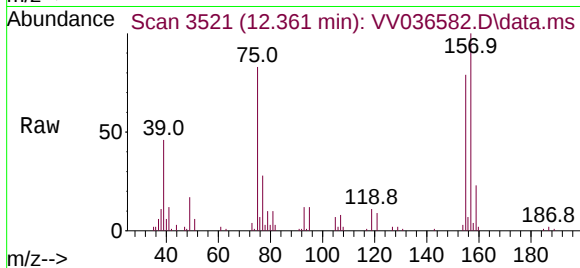
148 63.5 51.3 76.9



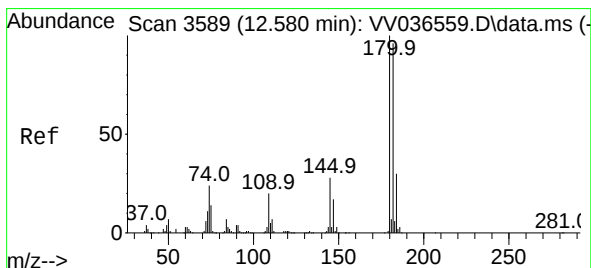
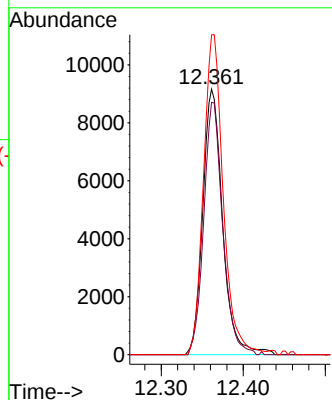
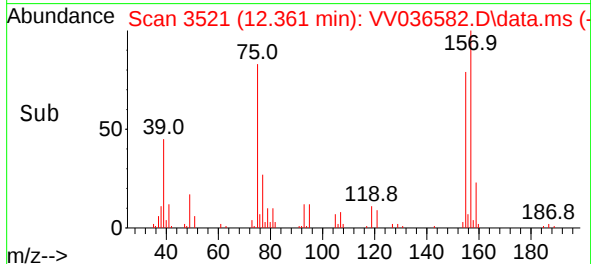


#68
1,2-Dibromo-3-chloropropane
Concen: 23.275 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45

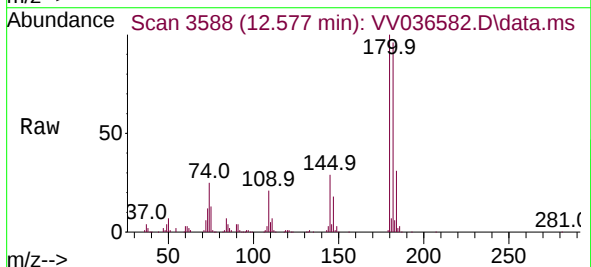
Instrument :
MSVOA_V
ClientSampleId :



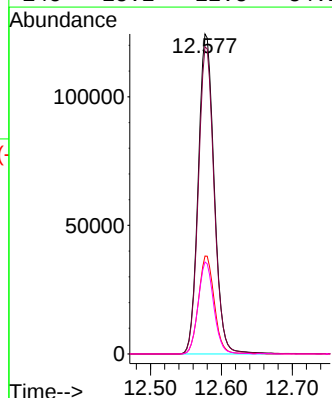
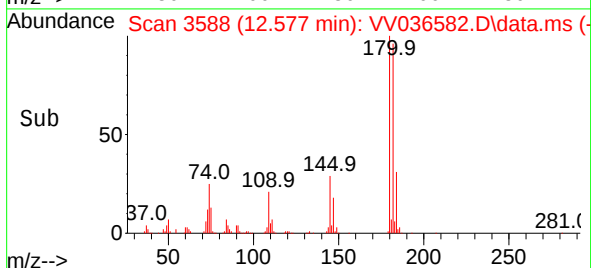
Tgt Ion: 75 Resp: 15392
Ion Ratio Lower Upper
75 100
155 95.0 74.6 111.8
157 120.4 95.0 142.4

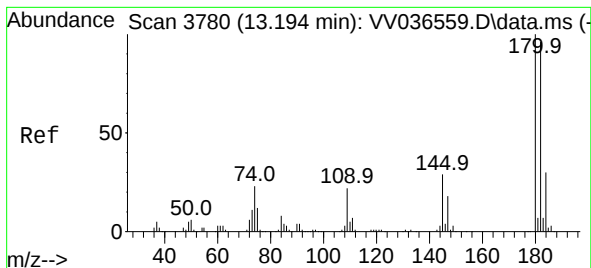


#69
1,3,5-Trichlorobenzene
Concen: 24.700 ug/L
RT: 12.577 min Scan# 3588
Delta R.T. -0.003 min
Lab File: VV036582.D
Acq: 17 Jul 2024 09:45



Tgt Ion:180 Resp: 194042
Ion Ratio Lower Upper
180 100
182 95.5 77.4 116.0
184 30.5 24.4 36.6
145 28.2 22.8 34.2





#70

1,2,4-trichlorobenzene

Concen: 24.503 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

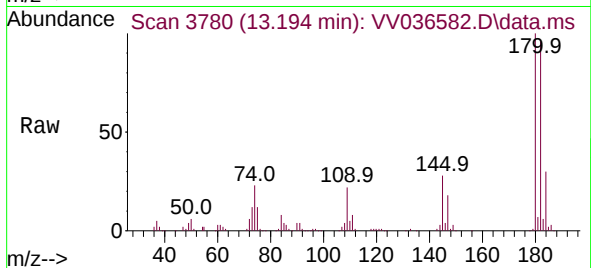
Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :



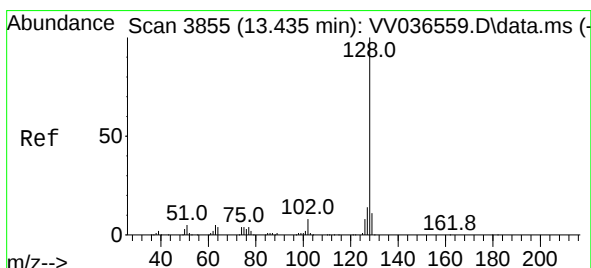
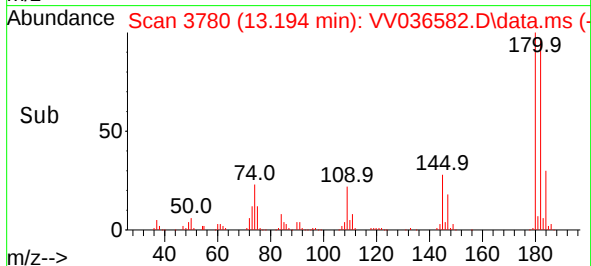
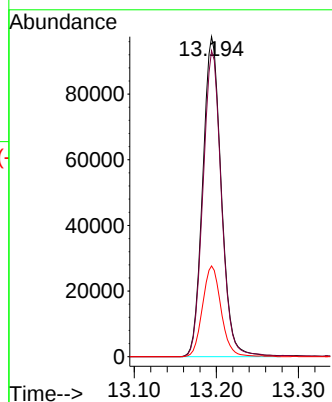
Tgt Ion:180 Resp: 153097

Ion Ratio Lower Upper

180 100

182 95.0 76.7 115.1

145 28.3 23.0 34.6



#71

Naphthalene

Concen: 23.095 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

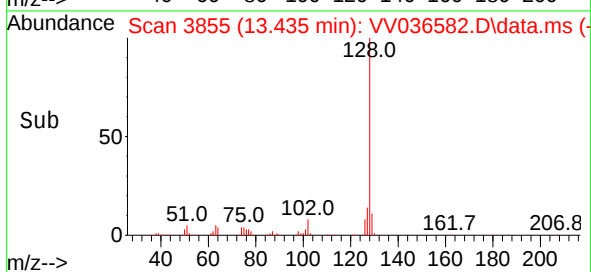
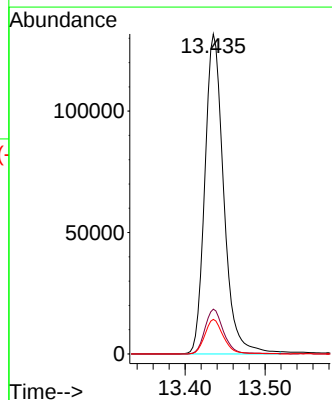
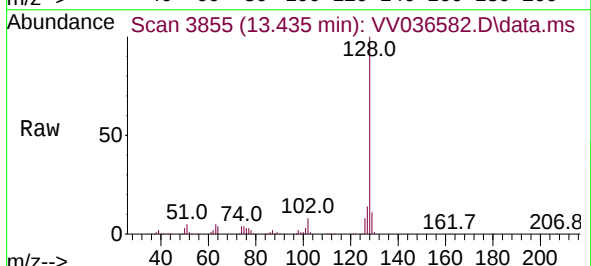
Tgt Ion:128 Resp: 216723

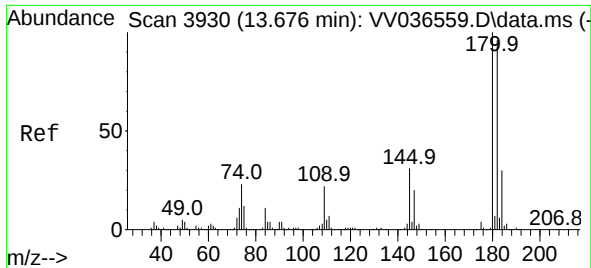
Ion Ratio Lower Upper

128 100

127 14.0 10.8 16.2

129 10.5 8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 25.028 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

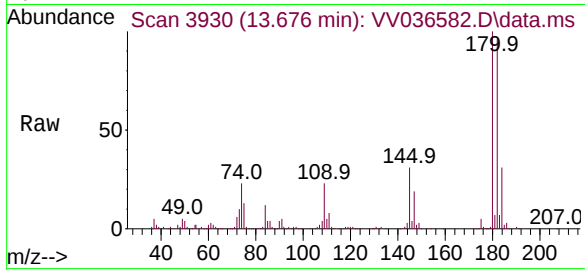
Lab File: VV036582.D

Acq: 17 Jul 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 147945

Ion Ratio Lower Upper

180 100

182 97.1 76.6 114.8

145 31.3 24.4 36.6

