

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032224\
 Data File : VV034813.D
 Acq On : 22 Mar 2024 13:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 23 04:59:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 04:57:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	331193	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	313463	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	168589	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.282	65	146052	50.870	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.740%	
7) Chloroethane-d5	1.532	69	120377	53.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 107.640%	
11) 1,1-Dichloroethene-d2	2.056	65	51360	39.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 79.100%	
21) 2-Butanone-d5	3.786	46	194059	101.072	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 101.070%	
24) Chloroform-d	4.246	84	273875	53.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.900%	
26) 1,2-Dichloroethane-d4	4.937	65	177095	53.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.780%	
32) Benzene-d6	4.957	84	513990	54.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.660%	
36) 1,2-Dichloropropane-d6	5.986	67	155683	53.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.840%	
41) Toluene-d8	7.240	98	469751	54.870	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.740%	
43) trans-1,3-Dichloroprop...	7.548	79	80440	55.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 110.960%	
47) 2-Hexanone-d5	8.021	63	114216	79.223	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 79.220%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	209687	55.189	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 110.380%	
66) 1,2-Dichlorobenzene-d4	11.558	152	185956	53.963	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.920%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	158197	45.538	ug/L	98
3) Chloromethane	1.217	50	144554	42.347	ug/L	99
5) Vinyl chloride	1.285	62	151876	45.835	ug/L	99
6) Bromomethane	1.491	94	95036	47.802	ug/L	99
8) Chloroethane	1.548	64	100365	50.960	ug/L	98
9) Trichlorofluoromethane	1.712	101	227578	45.863	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	106977	40.000	ug/L	96
12) 1,1-Dichloroethene	2.069	96	91520	36.904	ug/L	94
13) Acetone	2.121	43	138132	59.845	ug/L	98
14) Carbon disulfide	2.240	76	224068	32.556	ug/L	99
15) Methyl Acetate	2.372	43	167792	56.823	ug/L	100
16) Methylene chloride	2.446	84	146013	55.506	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	123071	51.272	ug/L	97
18) Methyl tert-butyl Ether	2.700	73	510768	59.254	ug/L	99
19) 1,1-Dichloroethane	3.108	63	272740	58.004	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	151835	58.300	ug/L	95
22) 2-Butanone	3.867	43	235947	103.519	ug/L	98
23) Bromochloromethane	4.143	128	79460	59.003	ug/L	97
25) Chloroform	4.269	83	280953	57.647	ug/L	99

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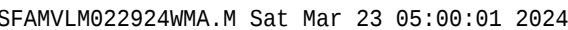
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 MSVOA_V
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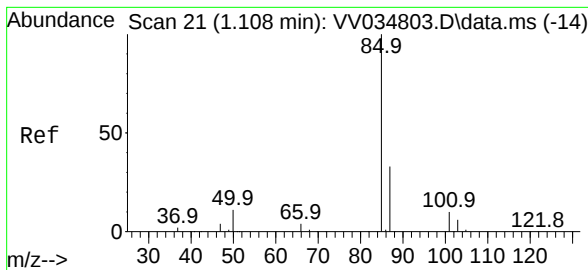
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 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 04:57:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	224094	56.594	ug/L	100
29) Cyclohexane	4.577	56	207909	50.426	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	253939	56.494	ug/L	99
31) Carbon tetrachloride	4.732	117	218014	54.782	ug/L	99
33) Benzene	5.005	78	550416	56.570	ug/L	100
34) Trichloroethene	5.831	95	150073	54.261	ug/L	97
35) Methylcyclohexane	6.047	83	221295	52.631	ug/L	98
37) 1,2-Dichloropropane	6.088	63	148648	58.353	ug/L	100
38) Bromodichloromethane	6.429	83	210017	58.612	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	245279	59.429	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	439331	116.960	ug/L	99
42) Toluene	7.310	91	588135	57.114	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	235940	59.439	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	152078	61.874	ug/L	98
46) Tetrachloroethene	7.902	164	111777	54.343	ug/L	97
48) 2-Hexanone	8.072	43	355723	118.846	ug/L	97
49) Dibromochloromethane	8.172	129	159547	61.512	ug/L	98
50) 1,2-Dibromoethane	8.278	107	154027	59.055	ug/L #	99
51) Chlorobenzene	8.812	112	384817	57.805	ug/L	100
52) Ethylbenzene	8.944	91	674182	58.429	ug/L	100
53) m,p-Xylene	9.069	106	255095	58.260	ug/L	98
54) o-Xylene	9.474	106	251140	58.574	ug/L	98
55) Styrene	9.493	104	436824	60.174	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	225932	61.201	ug/L	99
59) Bromoform	9.661	173	112464	60.168	ug/L	100
60) Isopropylbenzene	9.863	105	701645	58.846	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	188624	58.612	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	587488	58.410	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	587736	59.083	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	319444	57.945	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	323486	57.782	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	320713	58.056	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	52615	54.885	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	235528	56.950	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	202296	54.361	ug/L	99
71) Naphthalene	13.435	128	437966	43.997	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	193334	53.255	ug/L	100

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

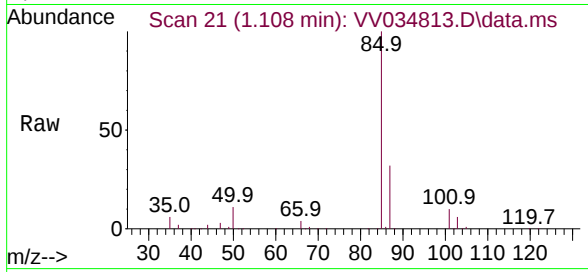
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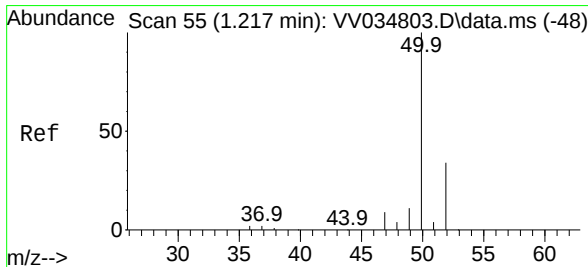
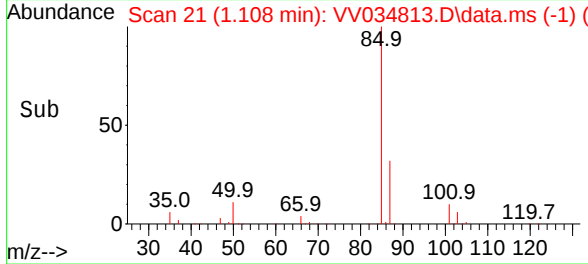
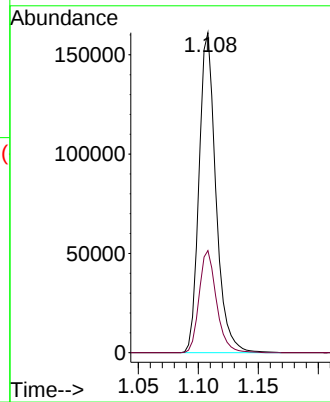


#2
 Dichlorodifluoromethane
 Concen: 45.538 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034813.D
 Acq: 22 Mar 2024 13:00

Instrument :
 MSVOA_V
 ClientSampleId :

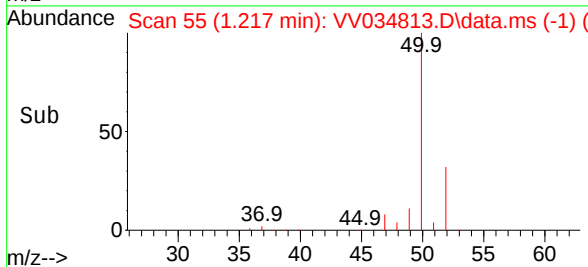
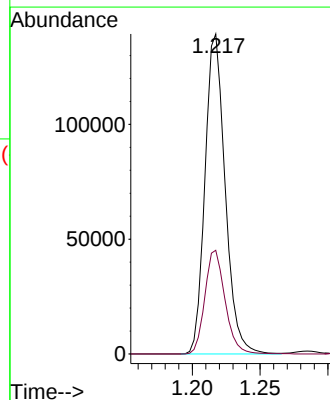
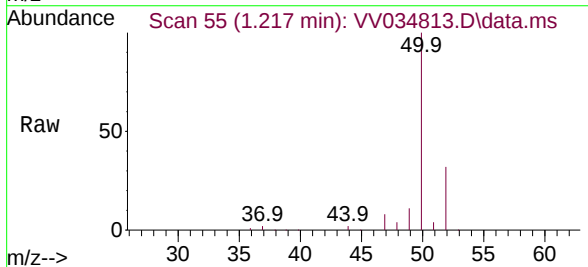


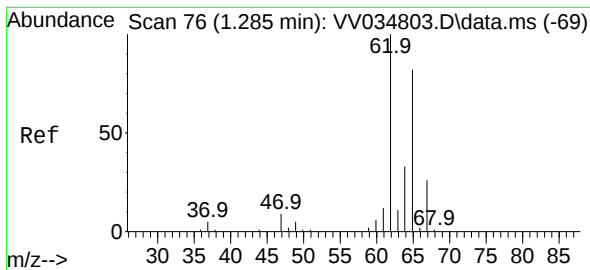
Tgt Ion: 85 Resp: 158197
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.5 38.3



#3
 Chloromethane
 Concen: 42.347 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034813.D
 Acq: 22 Mar 2024 13:00

Tgt Ion: 50 Resp: 144554
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.0 42.8





#5

Vinyl chloride

Concen: 45.835 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

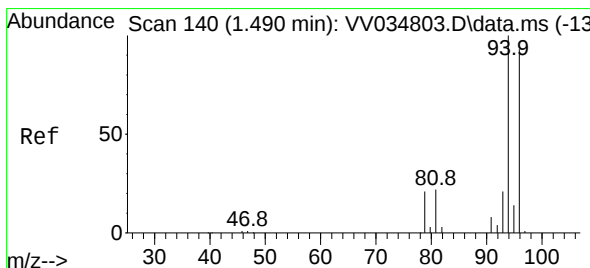
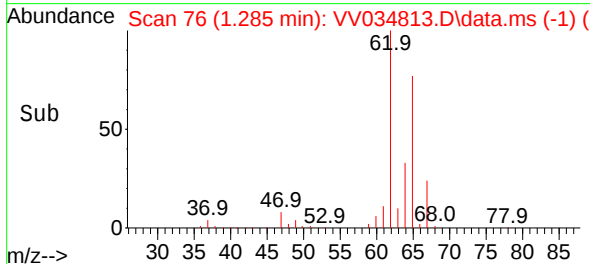
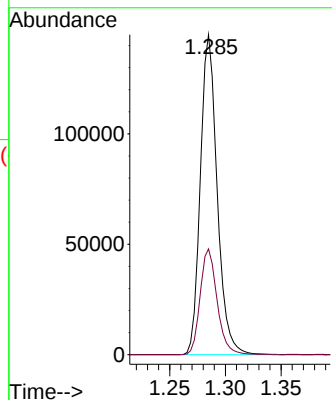
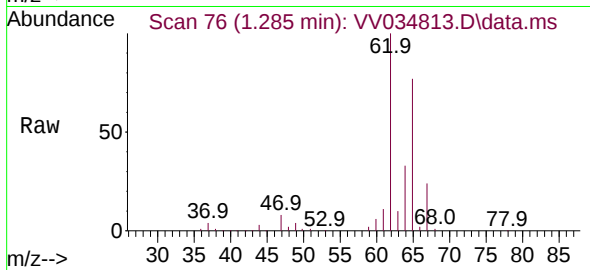
ClientSampleId :

Tgt Ion: 62 Resp: 151876

Ion Ratio Lower Upper

62 100

64 33.1 23.4 43.6



#6

Bromomethane

Concen: 47.802 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV034813.D

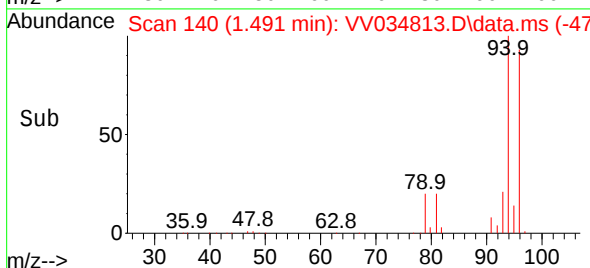
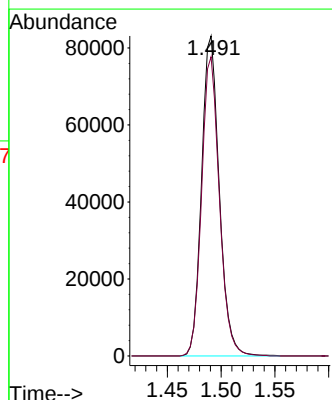
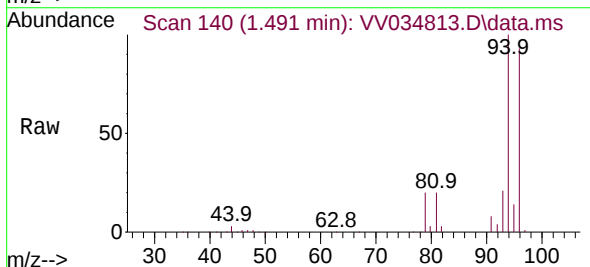
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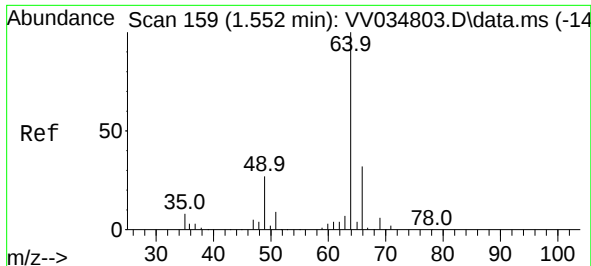
Tgt Ion: 94 Resp: 95036

Ion Ratio Lower Upper

94 100

96 93.5 66.0 122.6

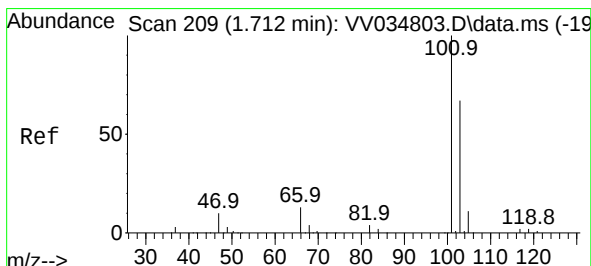
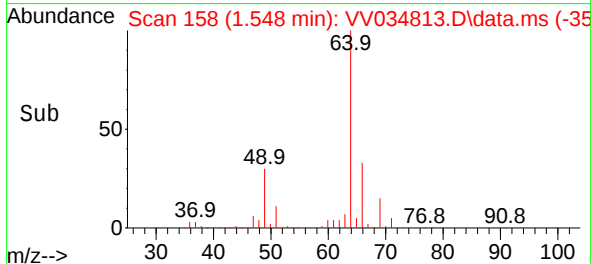
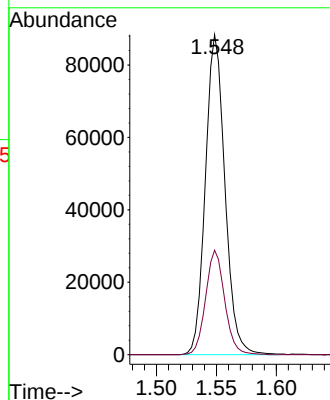
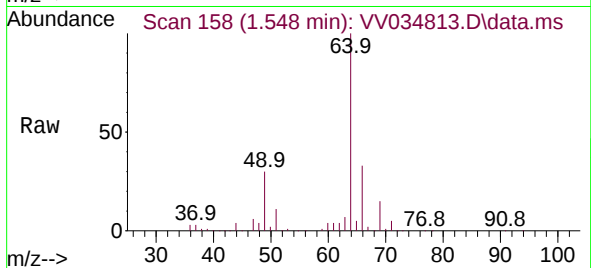




#8
Chloroethane
Concen: 50.960 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.003 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

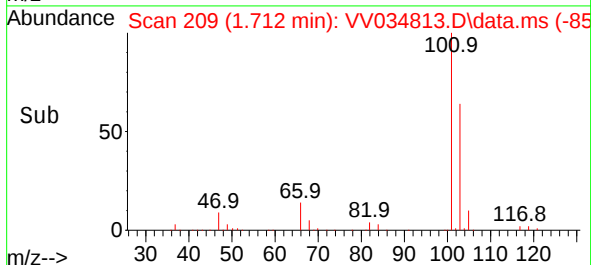
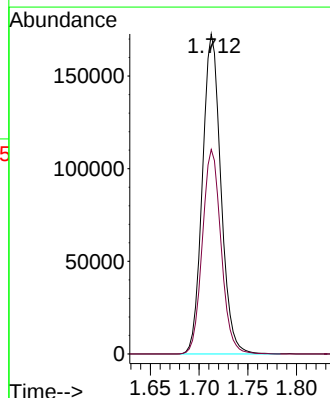
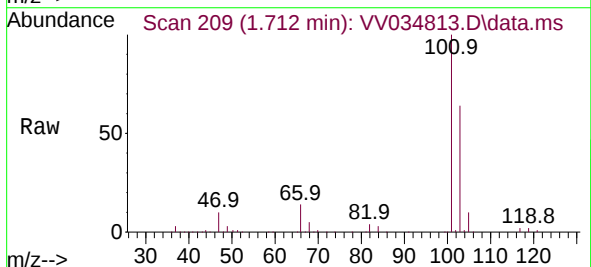
Instrument :
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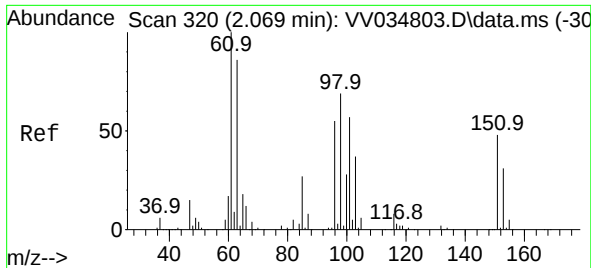
Tgt Ion: 64 Resp: 100365
Ion Ratio Lower Upper
64 100
66 32.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 45.863 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion:101 Resp: 227578
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8





#10

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

Concen: 40.000 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

ClientSampleId :

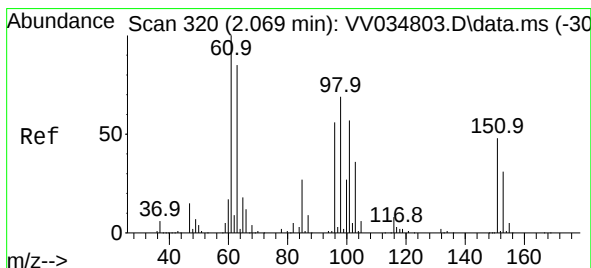
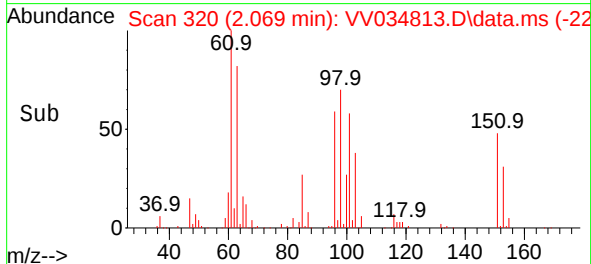
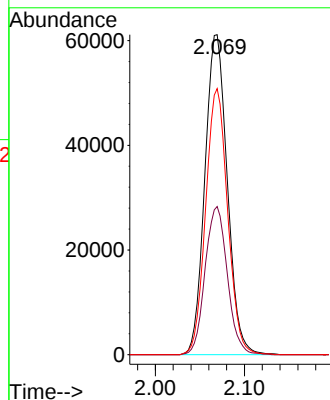
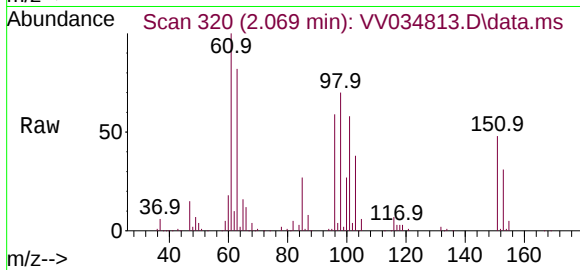
Tgt Ion:101 Resp: 106977

Ion Ratio Lower Upper

101 100

85 45.9 37.4 56.0

151 81.5 61.4 92.2



#12

1,1-Dichloroethene

Concen: 36.904 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

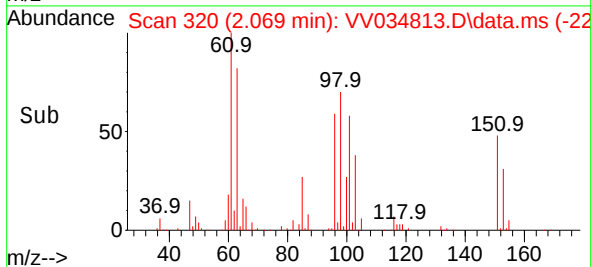
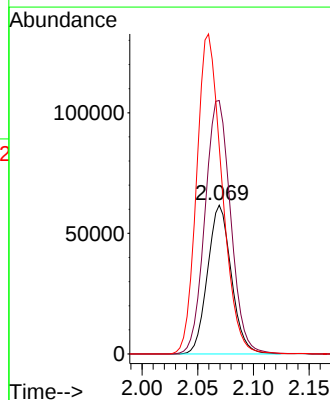
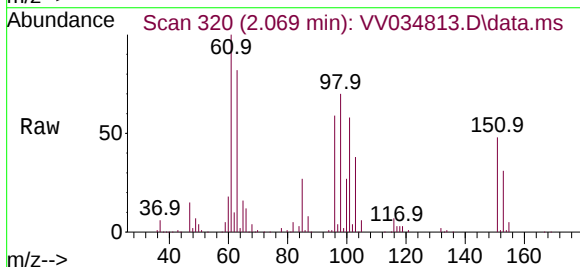
Tgt Ion: 96 Resp: 91520

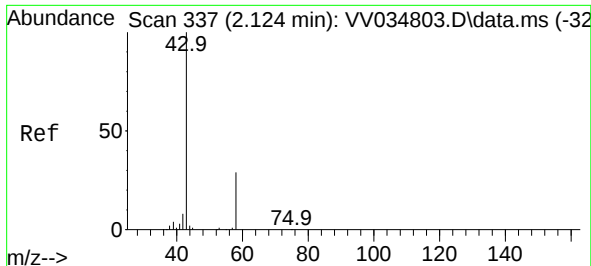
Ion Ratio Lower Upper

96 100

61 170.3 128.9 239.3

63 139.4 98.0 182.0





#13

Acetone

Concen: 59.845 ug/L

RT: 2.121 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

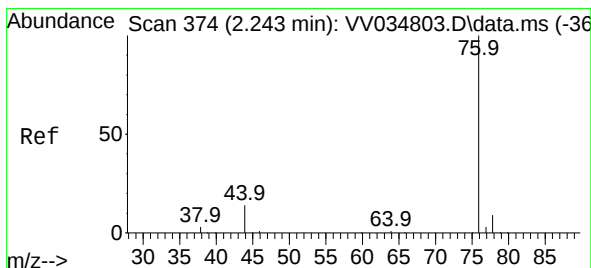
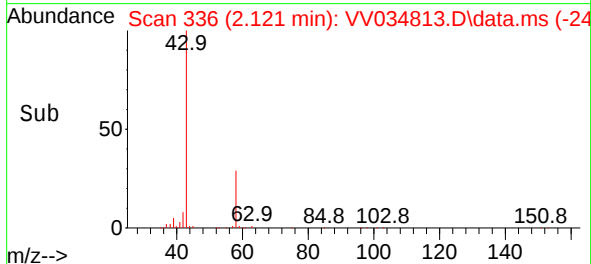
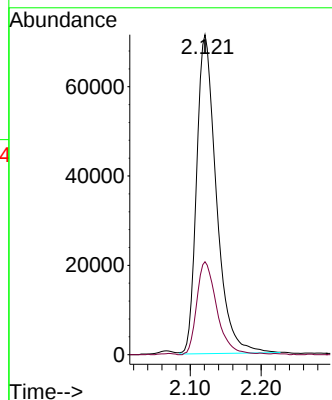
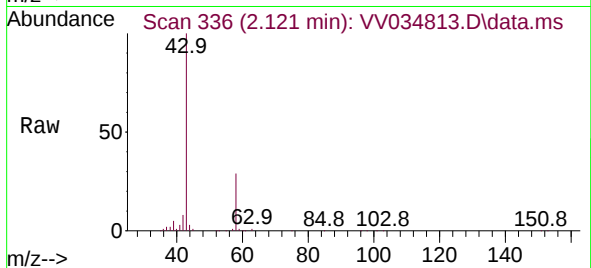
ClientSampleId :

Tgt Ion: 43 Resp: 138132

Ion Ratio Lower Upper

43 100

58 29.5 0.0 57.2



#14

Carbon disulfide

Concen: 32.556 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV034813.D

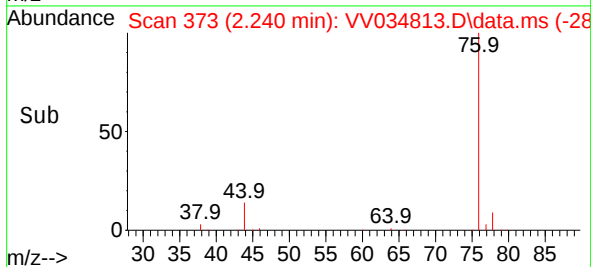
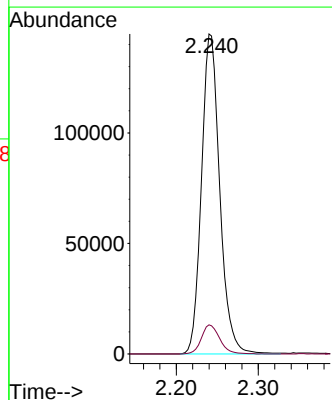
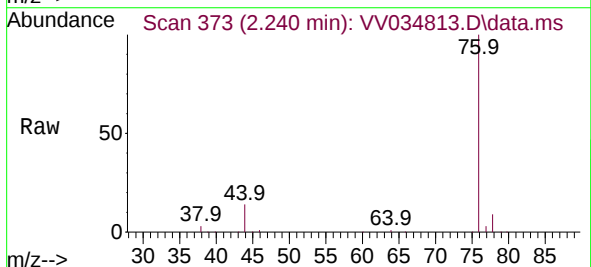
Acq: 22 Mar 2024 13:00

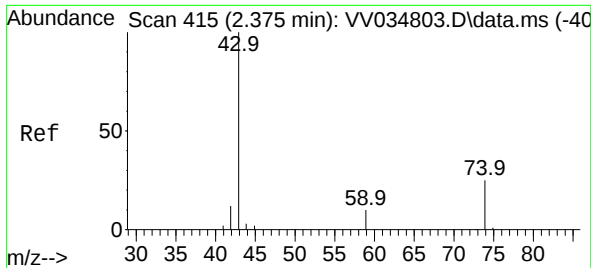
Tgt Ion: 76 Resp: 224068

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

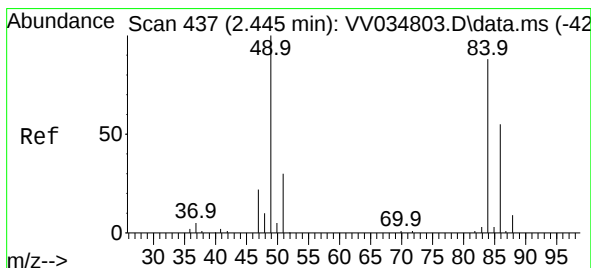
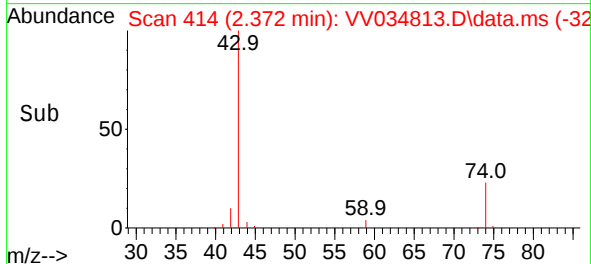
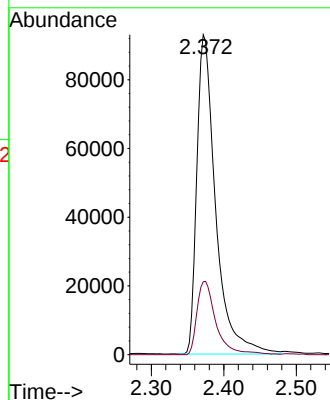
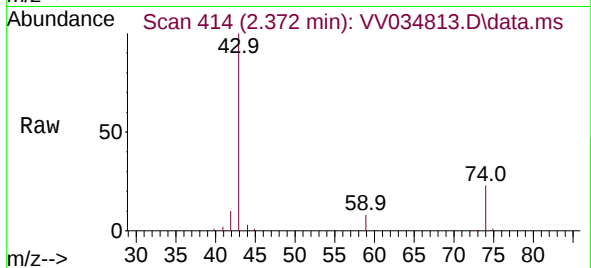




#15
Methyl Acetate
Concen: 56.823 ug/L
RT: 2.372 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

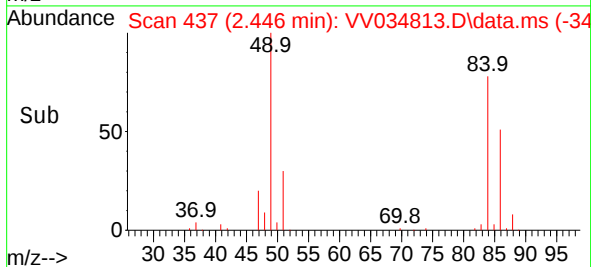
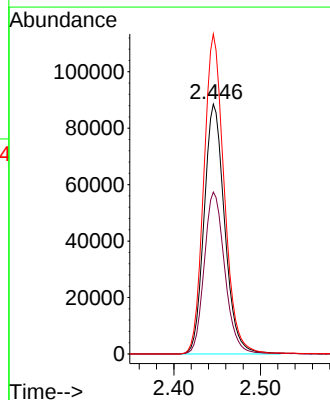
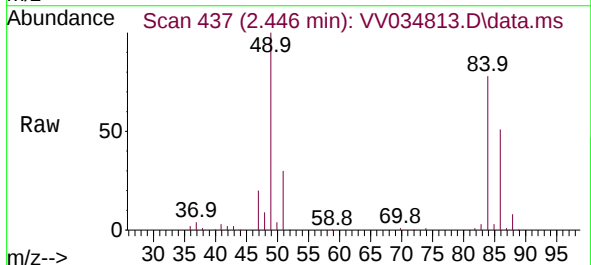
Instrument :
MSVOA_V
ClientSampleId :

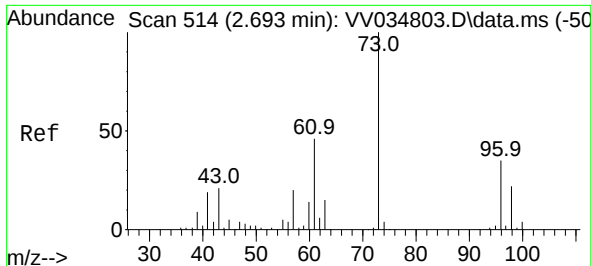
Tgt Ion: 43 Resp: 167792
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8



#16
Methylene chloride
Concen: 55.506 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion: 84 Resp: 146013
Ion Ratio Lower Upper
84 100
86 64.8 45.6 84.6
49 128.0 92.3 171.3

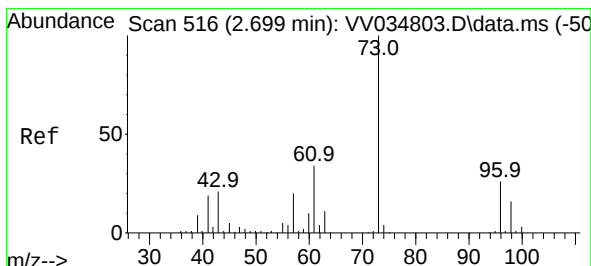
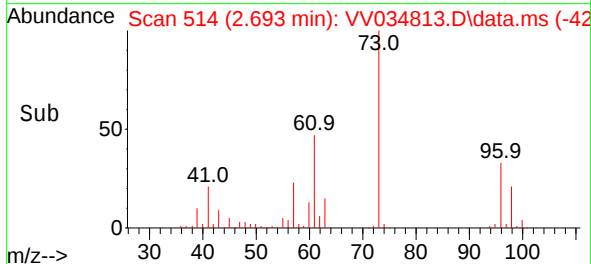
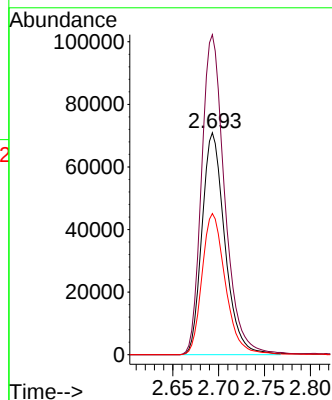
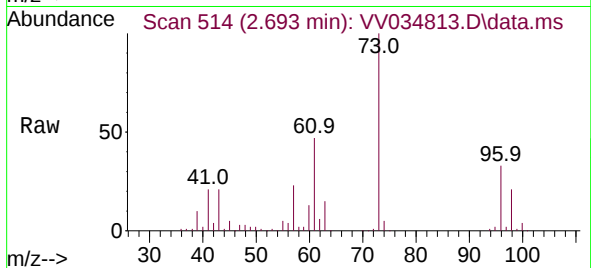




#17
trans-1,2-Dichloroethene
Concen: 51.272 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

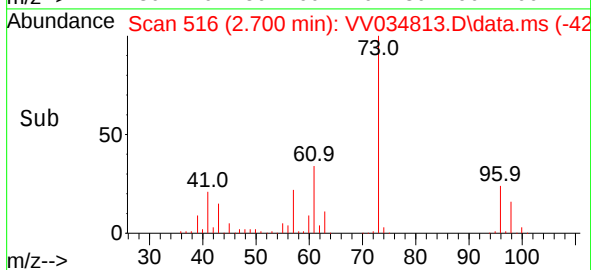
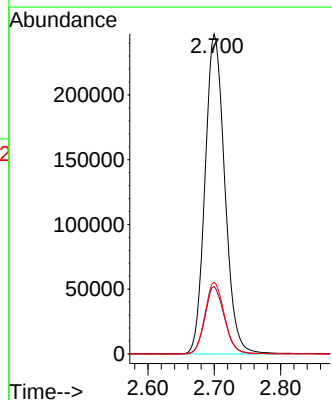
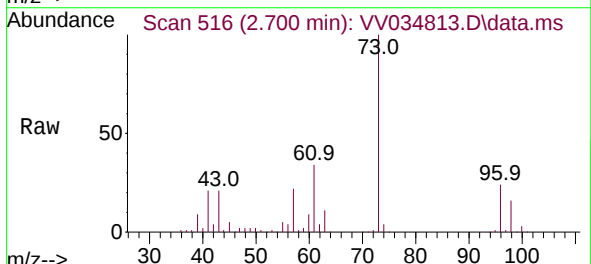
Instrument :
MSVOA_V
ClientSampleId :

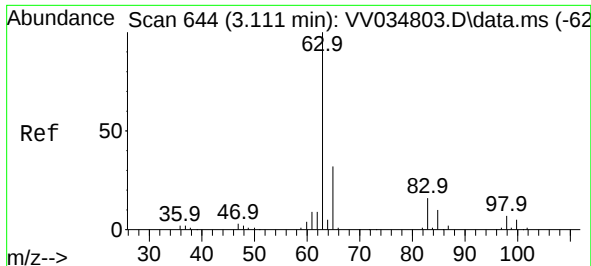
Tgt Ion: 96 Resp: 123071
Ion Ratio Lower Upper
96 100
61 144.2 98.8 183.4
98 63.6 46.1 85.5



#18
Methyl tert-butyl Ether
Concen: 59.254 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion: 73 Resp: 510768
Ion Ratio Lower Upper
73 100
43 20.7 17.1 25.7
57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 58.004 ug/L

RT: 3.108 min Scan# 644

Delta R.T. -0.003 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

ClientSampleId :

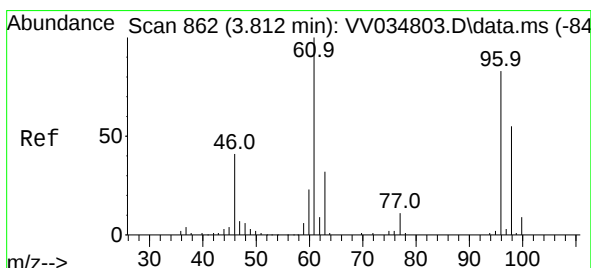
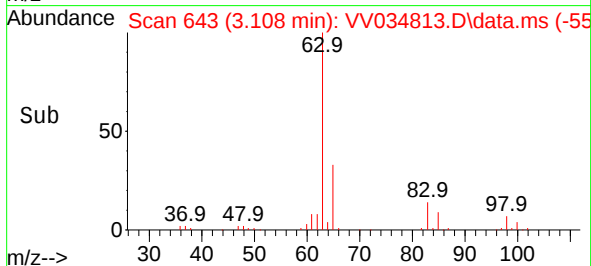
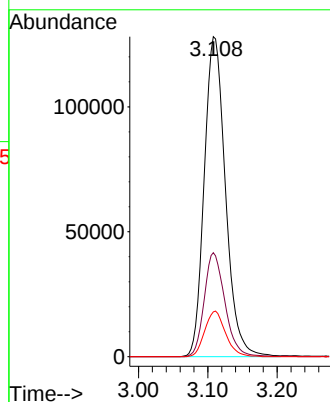
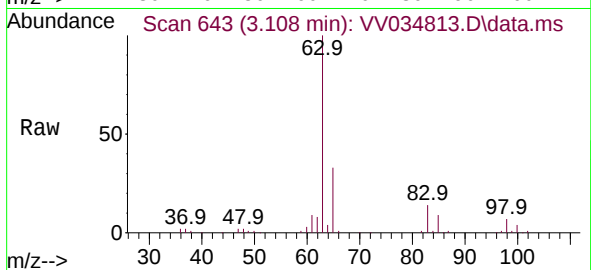
Tgt Ion: 63 Resp: 272740

Ion Ratio Lower Upper

63 100

65 32.5 22.1 41.1

83 14.0 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 58.300 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

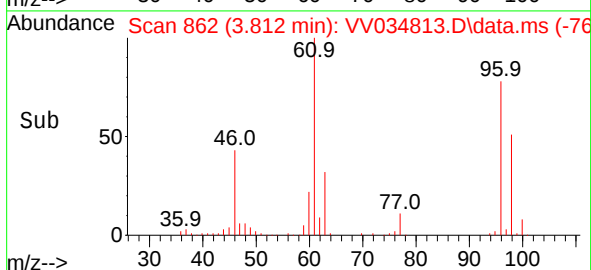
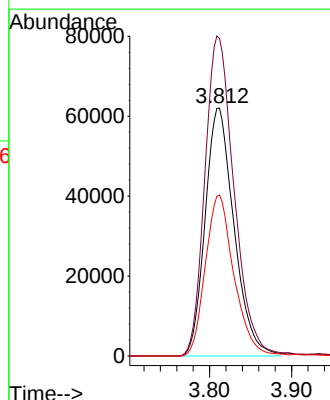
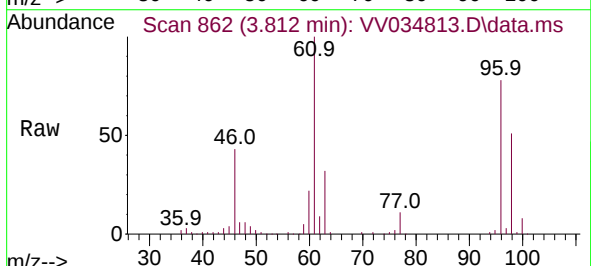
Tgt Ion: 96 Resp: 151835

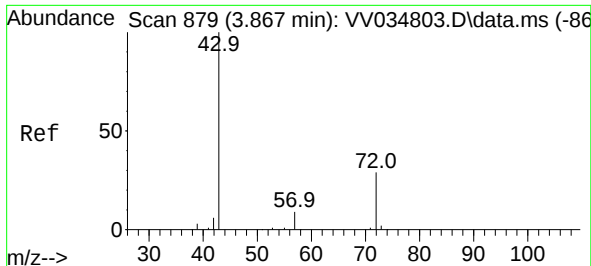
Ion Ratio Lower Upper

96 100

61 128.1 96.0 178.4

98 64.9 46.0 85.4

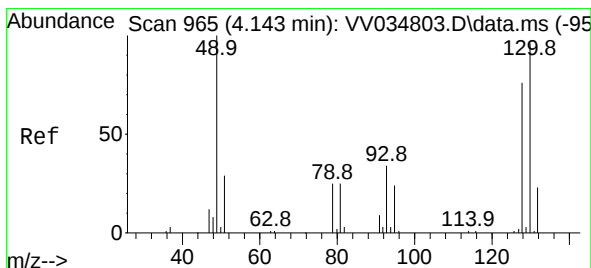
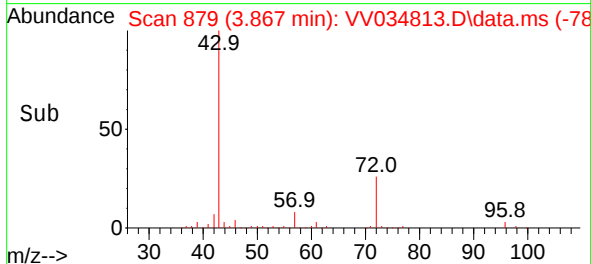
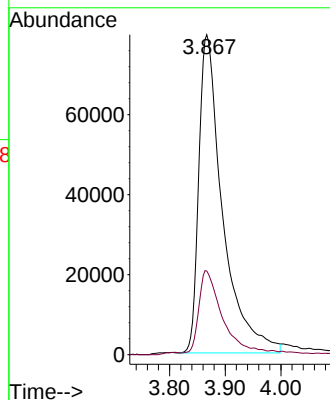
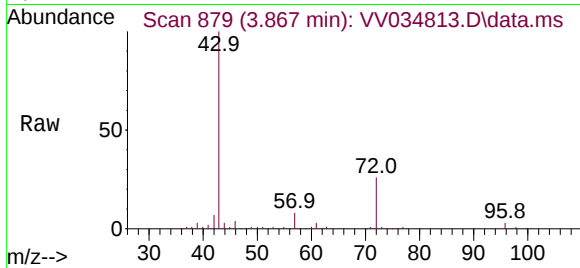




#22
2-Butanone
Concen: 103.519 ug/L
RT: 3.867 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

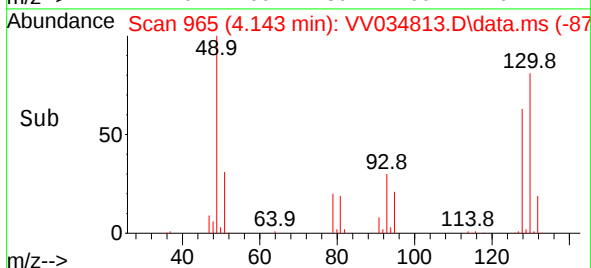
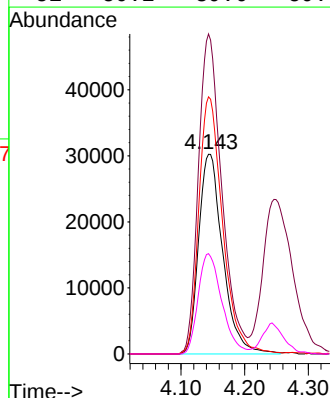
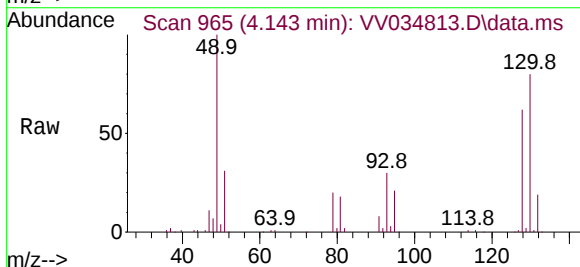
Instrument :
MSVOA_V
ClientSampleId :

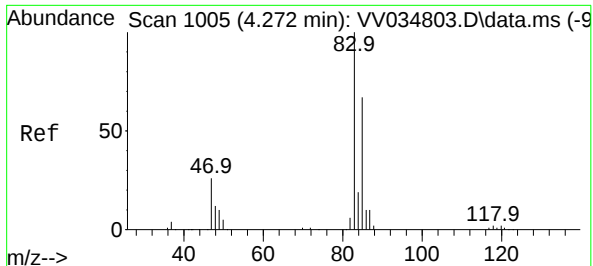
Tgt Ion: 43 Resp: 235947
Ion Ratio Lower Upper
43 100
72 24.1 11.5 34.4



#23
Bromochloromethane
Concen: 59.003 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion:128 Resp: 79460
Ion Ratio Lower Upper
128 100
49 160.3 109.4 203.2
130 128.8 87.7 162.9
51 50.2 39.6 59.4





#25

Chloroform

Concen: 57.647 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

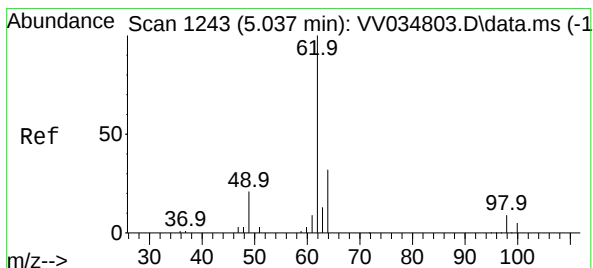
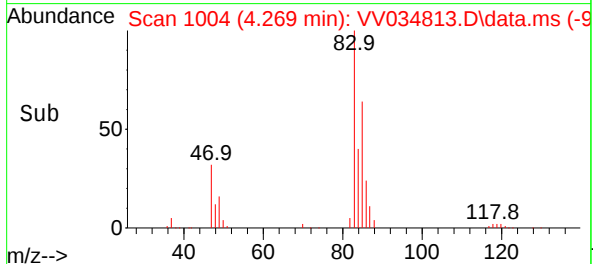
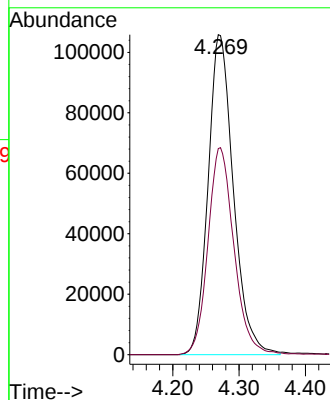
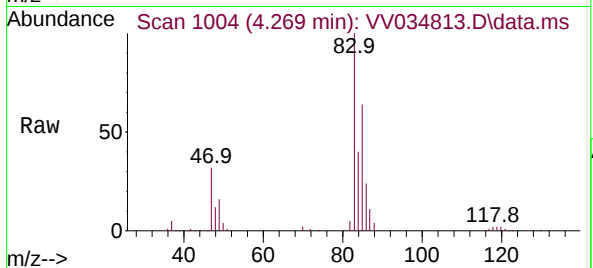
ClientSampleId :

Tgt Ion: 83 Resp: 280953

Ion Ratio Lower Upper

83 100

85 64.4 45.5 84.5



#27

1,2-Dichloroethane

Concen: 56.594 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV034813.D

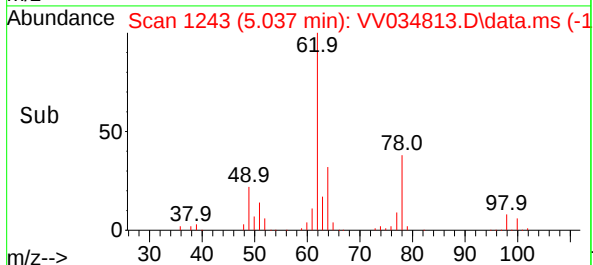
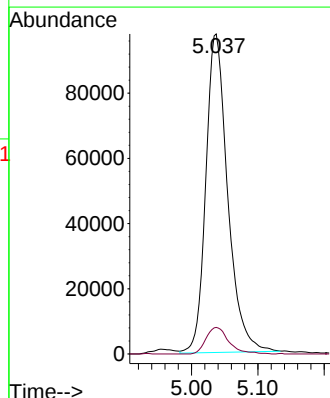
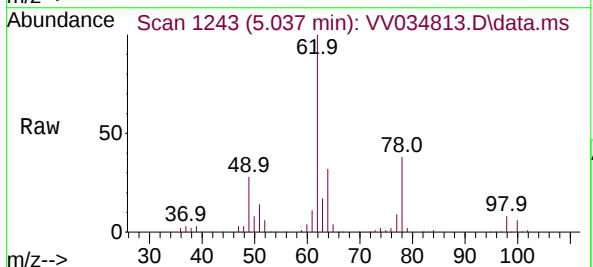
Acq: 22 Mar 2024 13:00

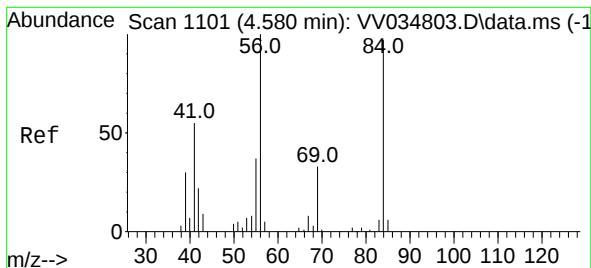
Tgt Ion: 62 Resp: 224094

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 50.426 ug/L

RT: 4.577 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

ClientSampleId :

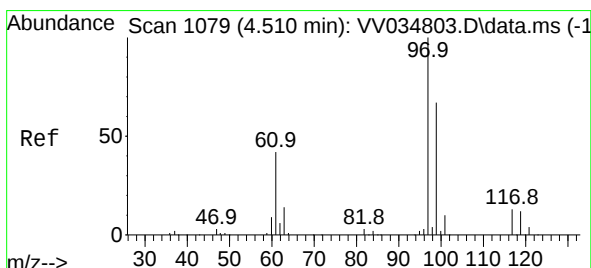
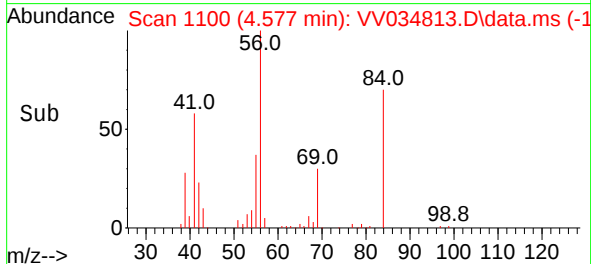
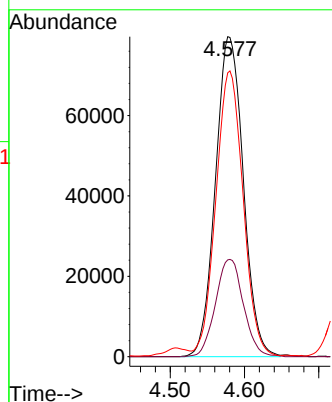
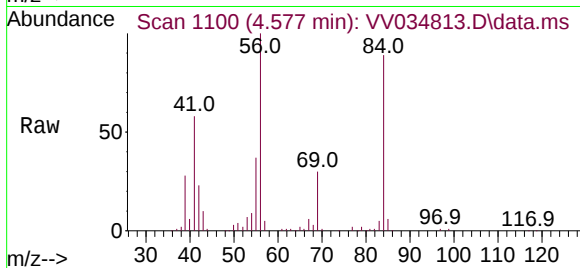
Tgt Ion: 56 Resp: 207909

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.4

84 87.2 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 56.494 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

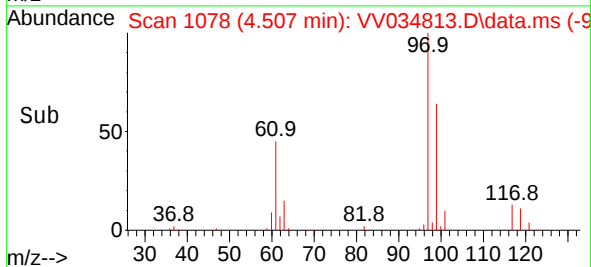
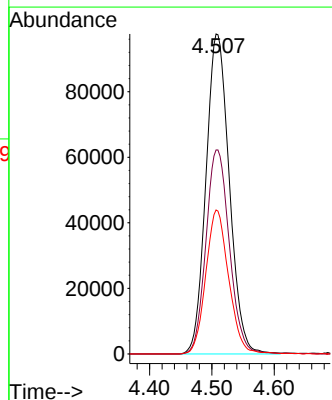
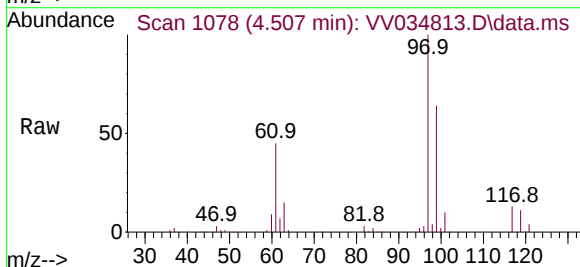
Tgt Ion: 97 Resp: 253939

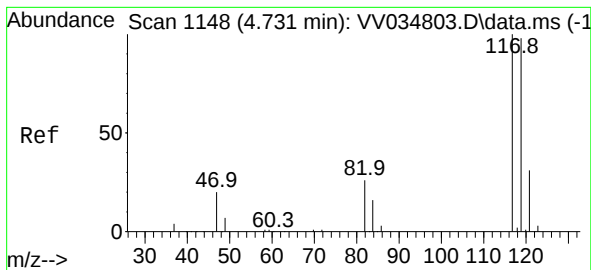
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 44.0 36.0 54.0





#31

Carbon tetrachloride

Concen: 54.782 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

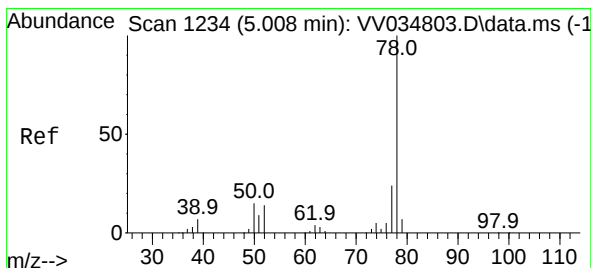
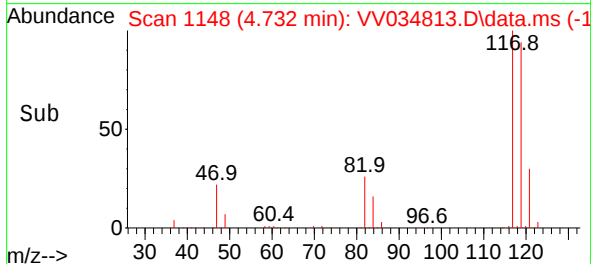
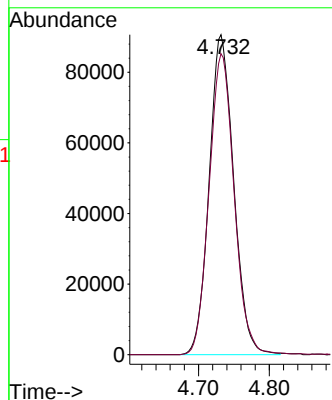
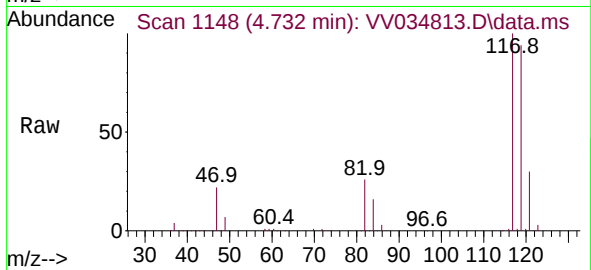
ClientSampleId :

Tgt Ion:117 Resp: 218014

Ion Ratio Lower Upper

117 100

119 95.9 77.5 116.3



#33

Benzene

Concen: 56.570 ug/L

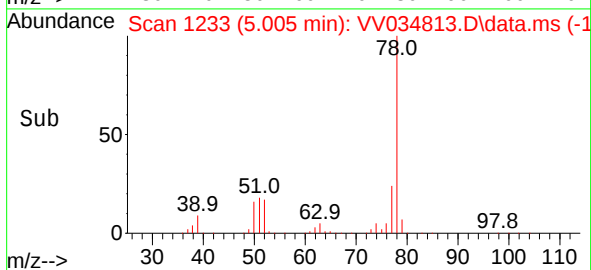
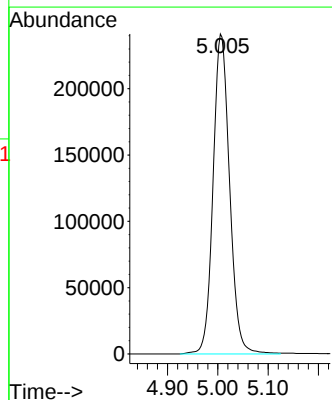
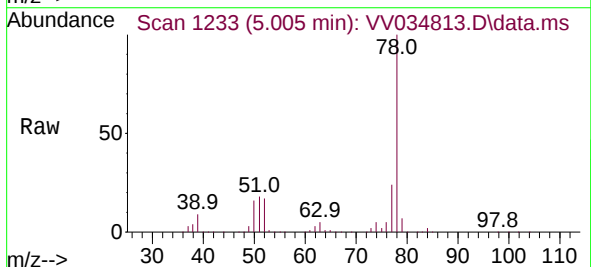
RT: 5.005 min Scan# 1233

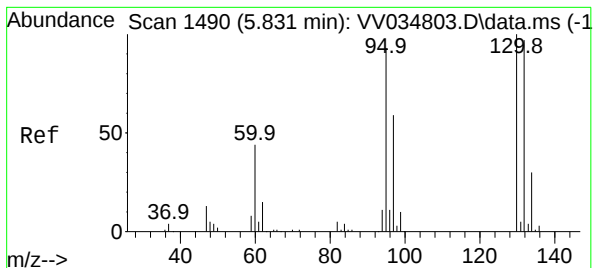
Delta R.T. -0.003 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Tgt Ion: 78 Resp: 550416





#34

Trichloroethene

Concen: 54.261 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 150073

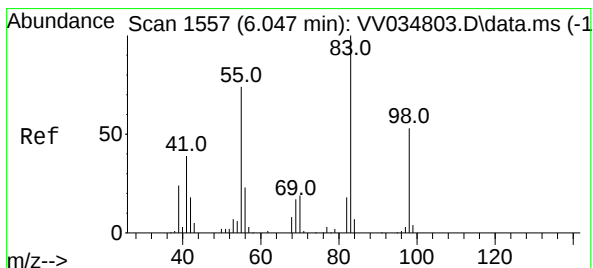
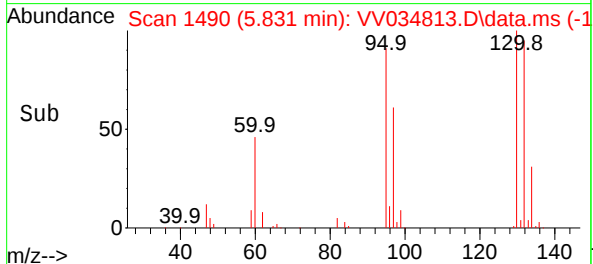
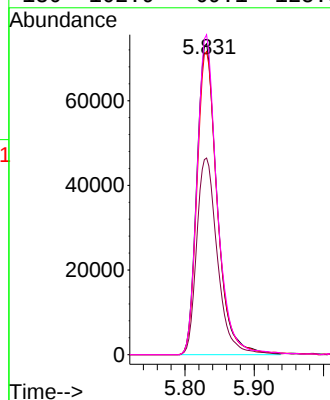
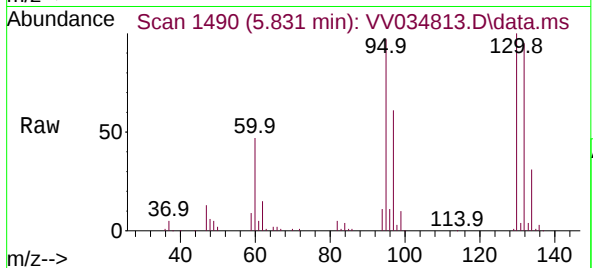
Ion Ratio Lower Upper

95 100

97 63.3 44.7 83.1

132 97.6 65.3 121.3

130 102.9 69.1 128.3



#35

Methylcyclohexane

Concen: 52.631 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

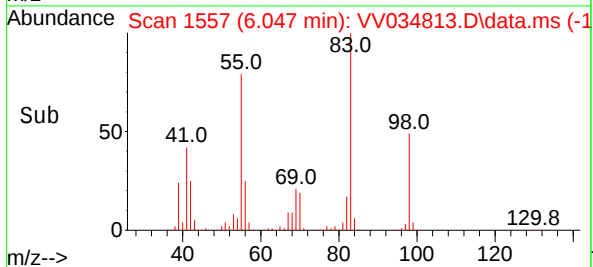
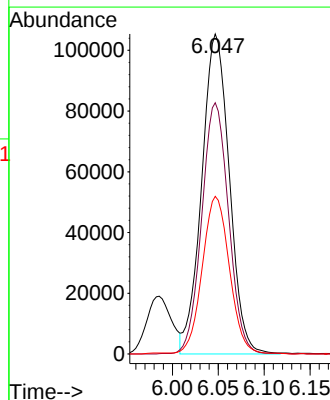
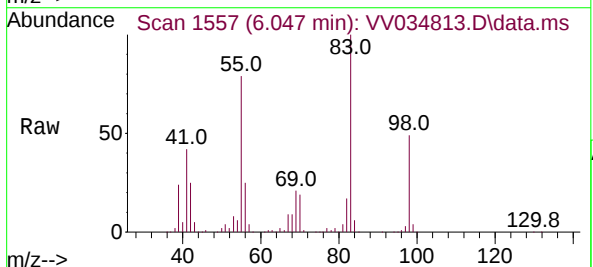
Tgt Ion: 83 Resp: 221295

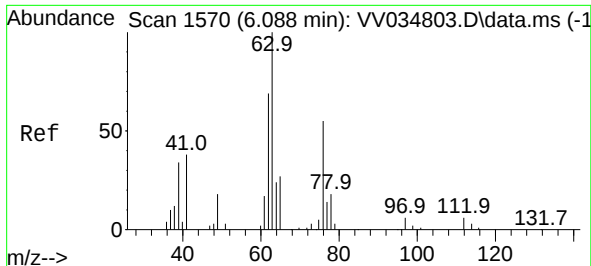
Ion Ratio Lower Upper

83 100

55 75.8 62.6 94.0

98 48.4 39.5 59.3

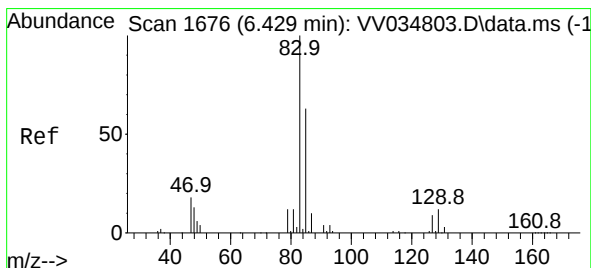
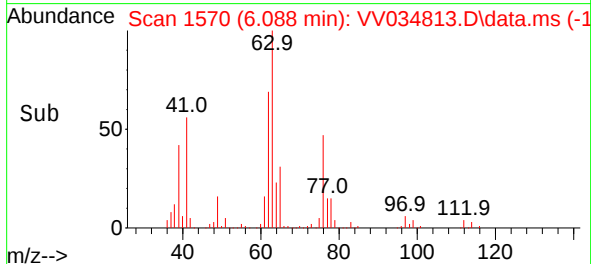
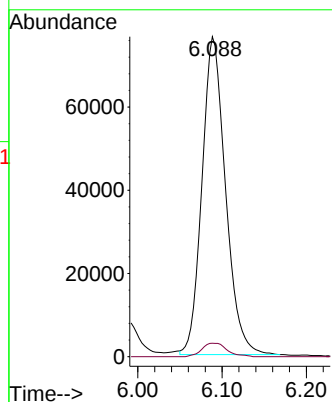
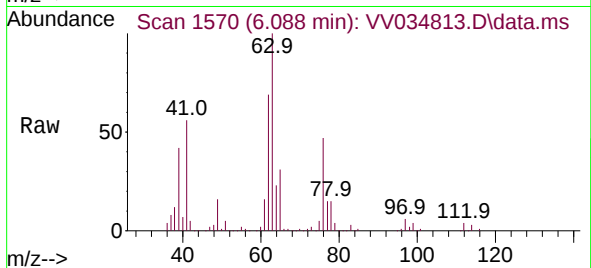




#37
1,2-Dichloropropane
Concen: 58.353 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

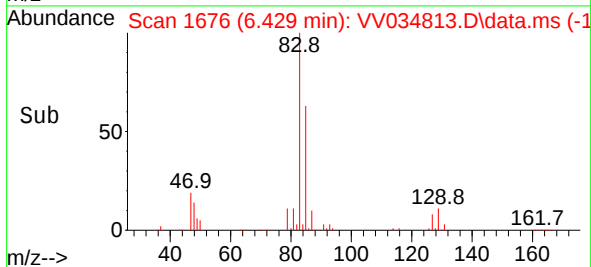
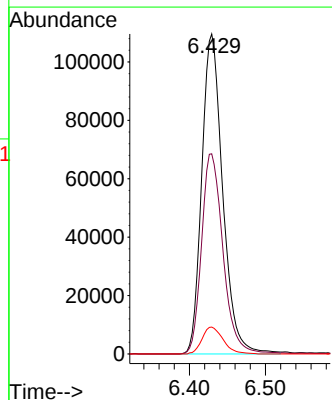
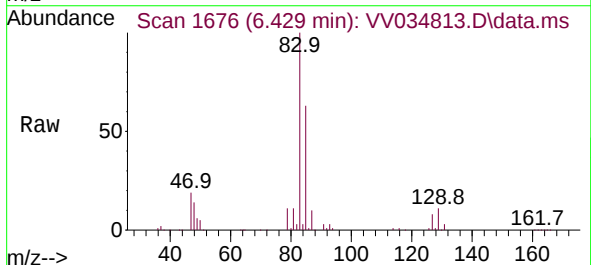
Instrument :
MSVOA_V
ClientSampleId :

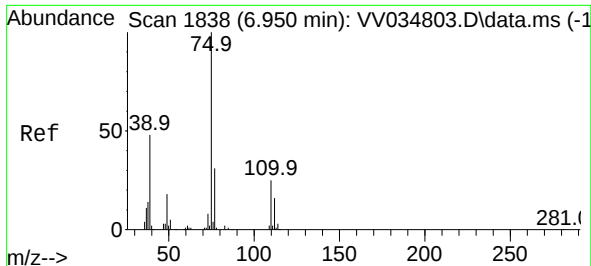
Tgt Ion: 63 Resp: 148648
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 58.612 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion: 83 Resp: 210017
Ion Ratio Lower Upper
83 100
85 62.6 44.6 82.8
127 8.4 6.9 10.3

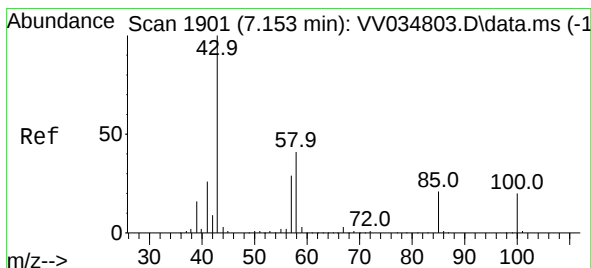
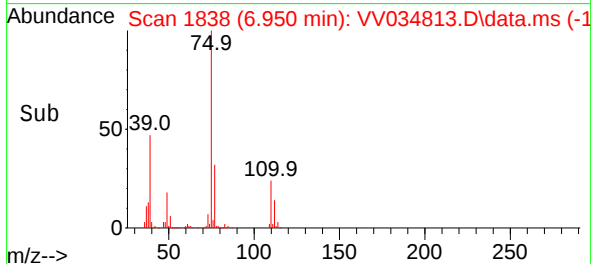
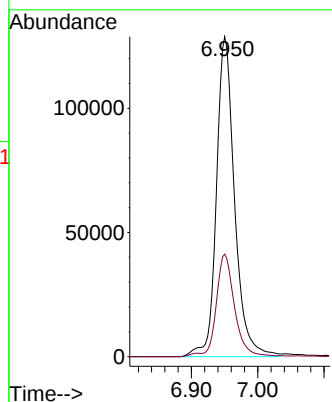
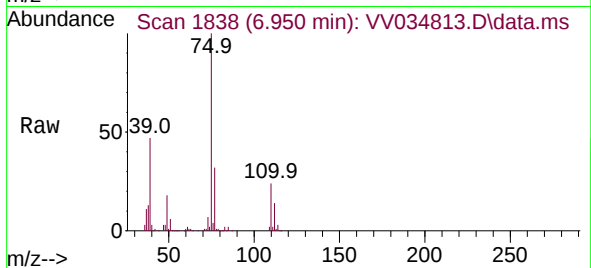




#39
 cis-1,3-Dichloropropene
 Concen: 59.429 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV034813.D
 Acq: 22 Mar 2024 13:00

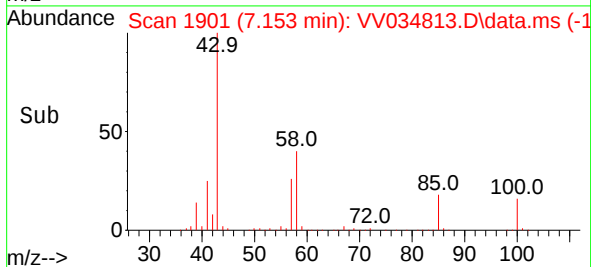
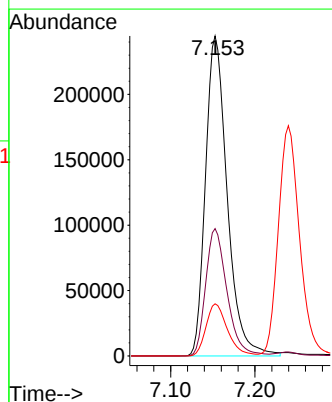
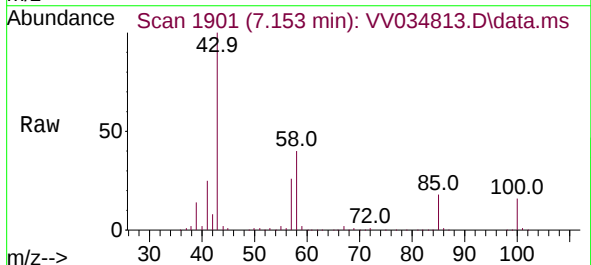
Instrument :
 MSVOA_V
 ClientSampleId :

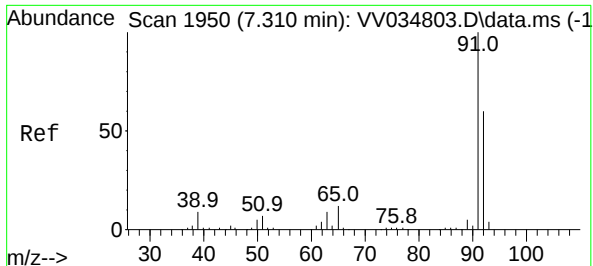
Tgt Ion: 75 Resp: 245279
 Ion Ratio Lower Upper
 75 100
 77 32.0 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 116.960 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV034813.D
 Acq: 22 Mar 2024 13:00

Tgt Ion: 43 Resp: 439331
 Ion Ratio Lower Upper
 43 100
 58 39.1 30.6 46.0
 100 16.1 12.5 18.7





#42

Toluene

Concen: 57.114 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

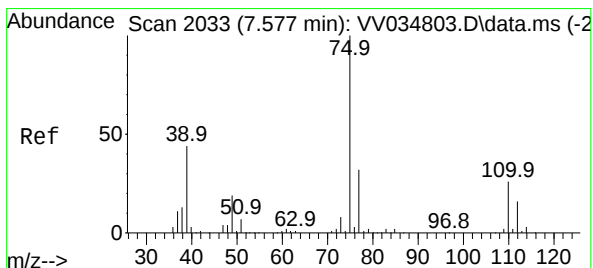
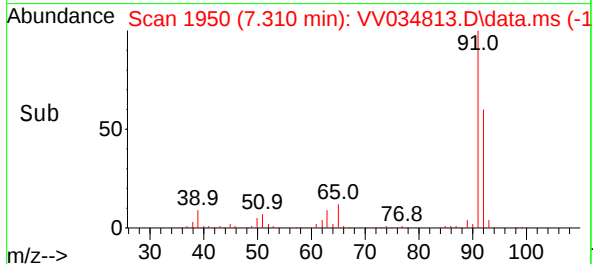
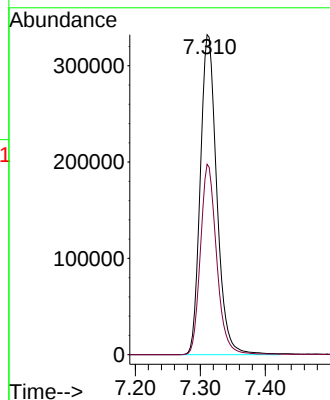
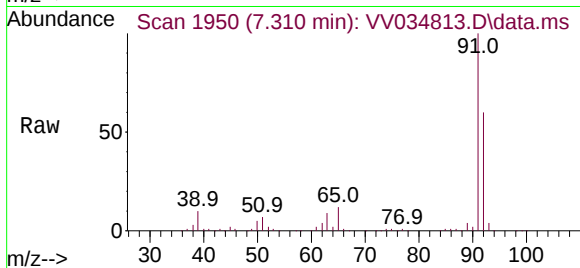
ClientSampleId :

Tgt Ion: 91 Resp: 588135

Ion Ratio Lower Upper

91 100

92 59.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 59.439 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV034813.D

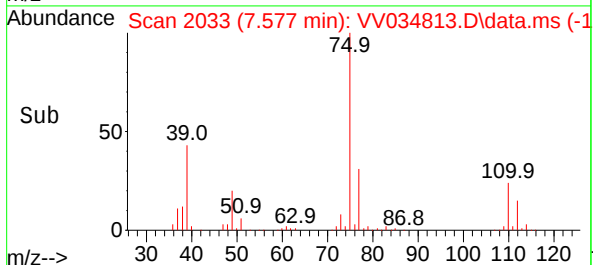
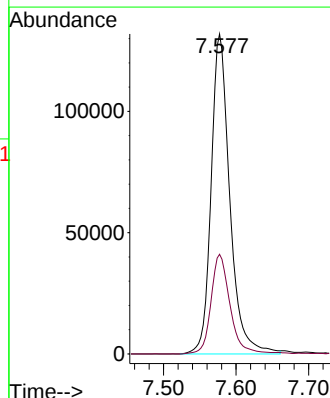
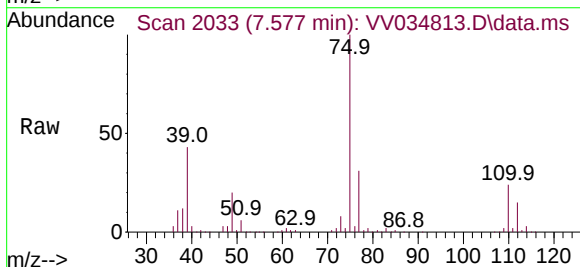
Acq: 22 Mar 2024 13:00

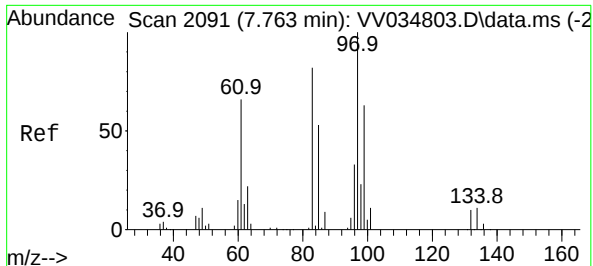
Tgt Ion: 75 Resp: 235940

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



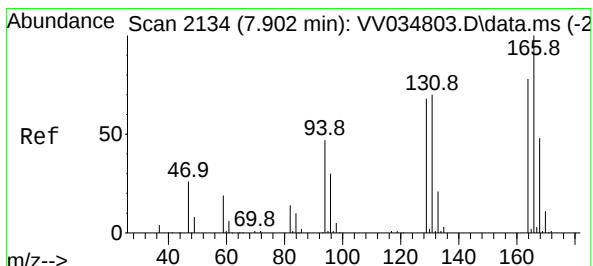
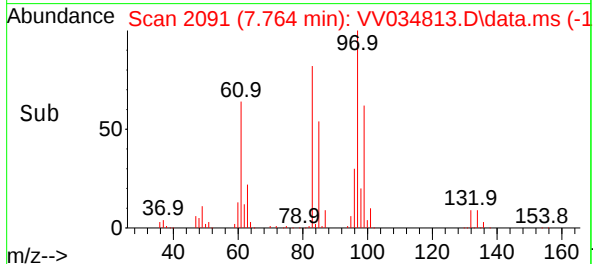
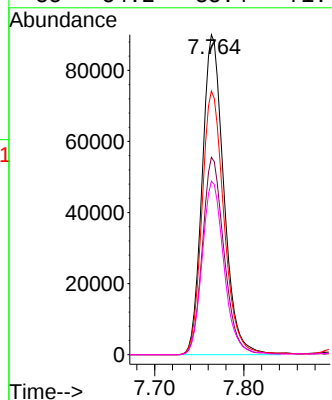
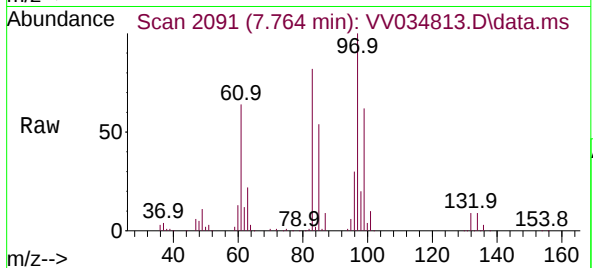


#45
1,1,2-Trichloroethane
Concen: 61.874 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 152078

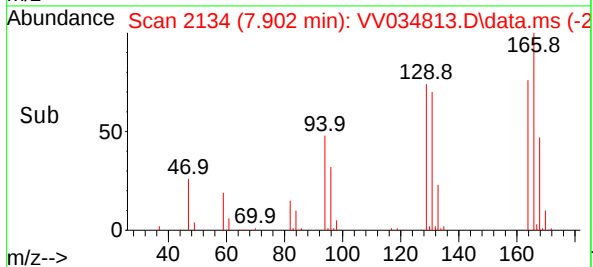
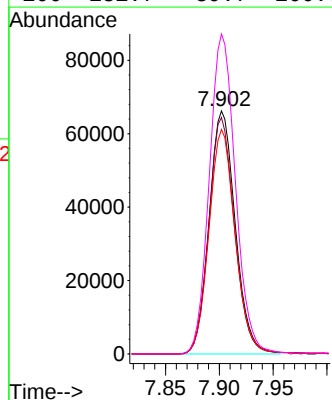
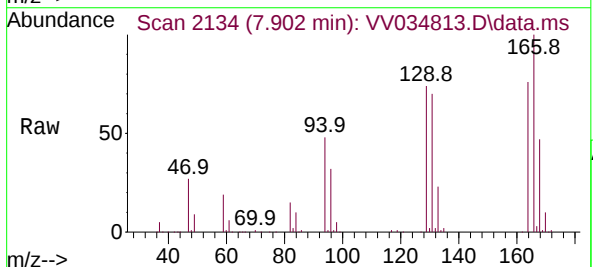
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.4
83	82.4	59.4	110.2
85	54.2	38.4	71.4

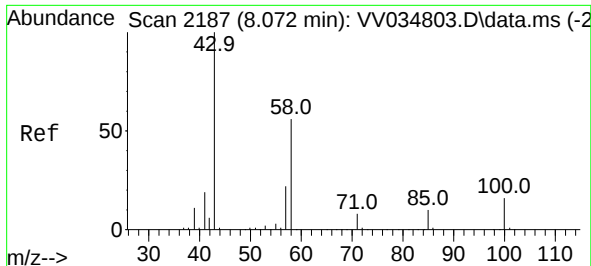


#46
Tetrachloroethene
Concen: 54.343 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion: 164 Resp: 111777

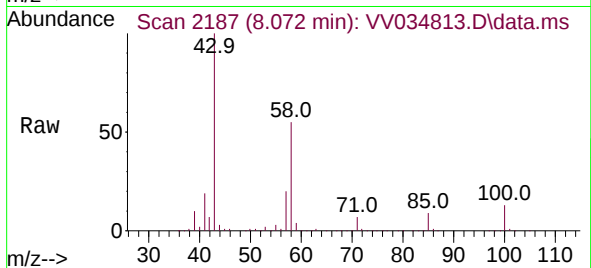
Ion	Ratio	Lower	Upper
164	100		
129	97.3	65.7	121.9
131	92.4	62.2	115.6
166	131.7	89.7	166.7



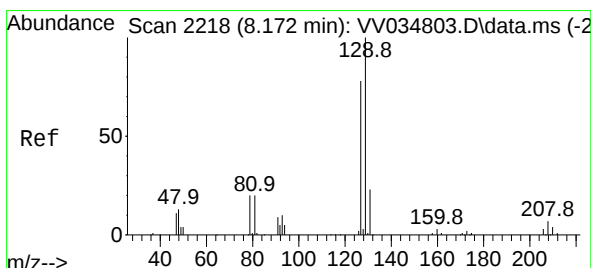
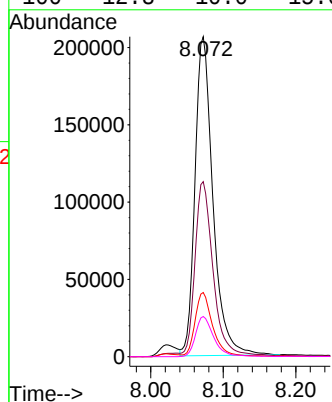
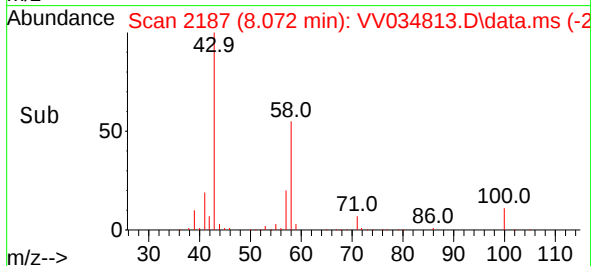


#48
2-Hexanone
Concen: 118.846 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Instrument :
MSVOA_V
ClientSampleId :

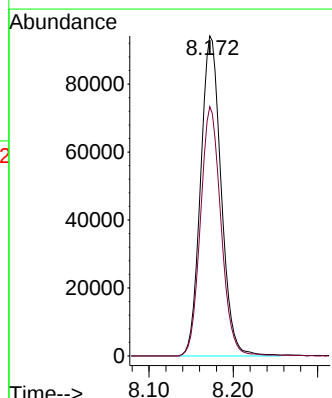
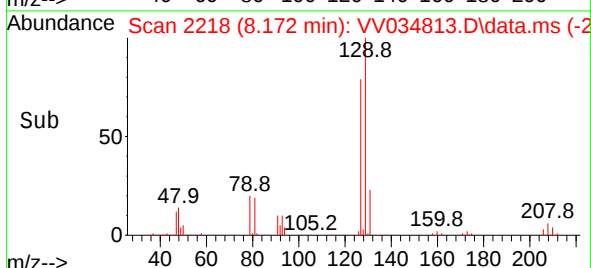
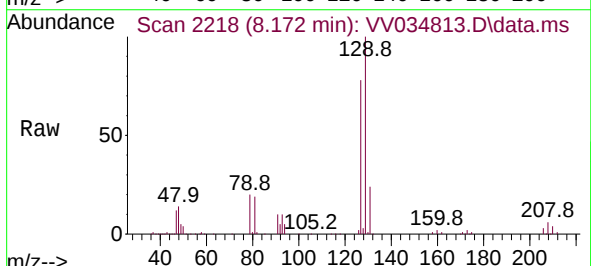


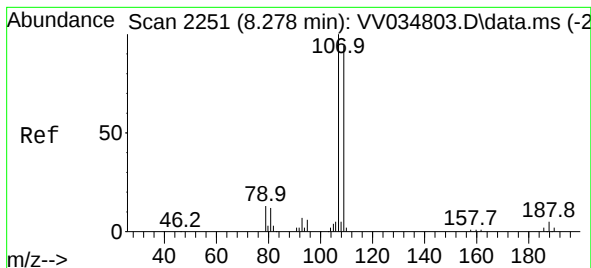
Tgt Ion: 43 Resp: 355723
Ion Ratio Lower Upper
43 100
58 55.6 42.0 63.0
57 19.2 15.2 22.8
100 12.8 10.0 15.0



#49
Dibromochloromethane
Concen: 61.512 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion: 129 Resp: 159547
Ion Ratio Lower Upper
129 100
127 77.9 53.3 98.9





#50

1,2-Dibromoethane

Concen: 59.055 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

ClientSampleId :

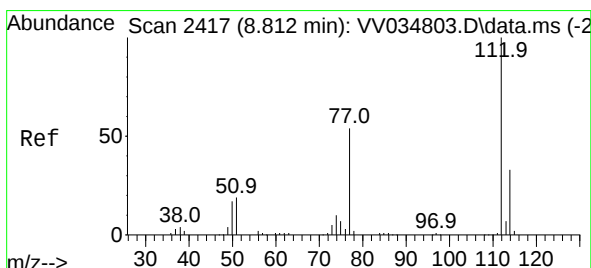
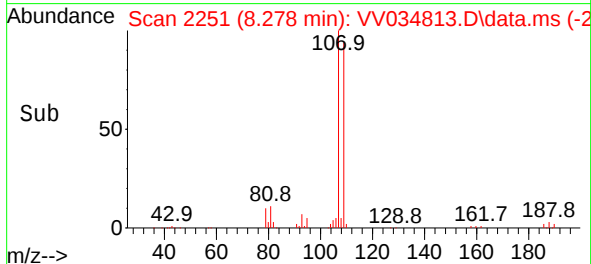
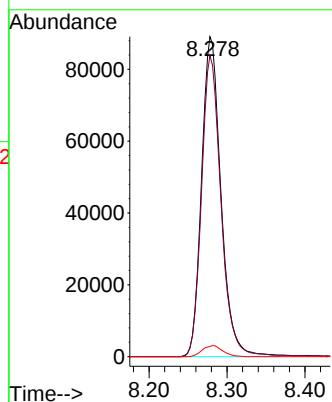
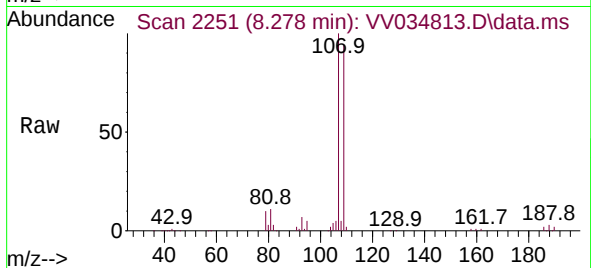
Tgt Ion:107 Resp: 154027

Ion Ratio Lower Upper

107 100

109 94.1 66.5 123.5

188 3.2 3.4 5.2#



#51

Chlorobenzene

Concen: 57.805 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

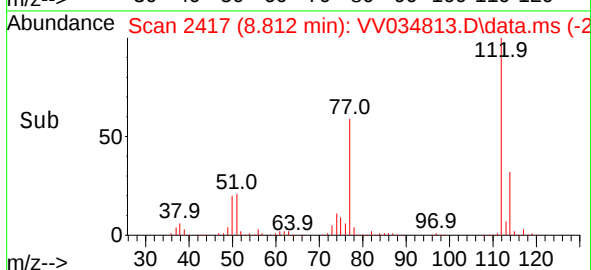
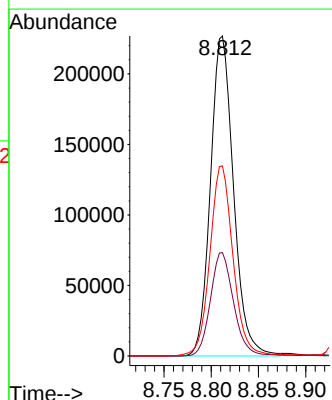
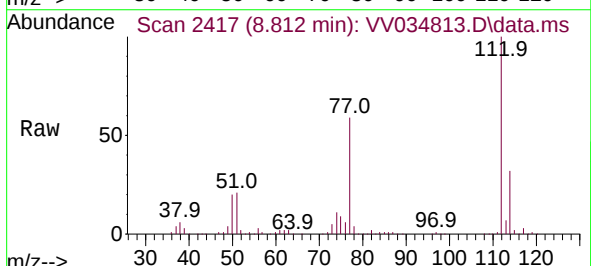
Tgt Ion:112 Resp: 384817

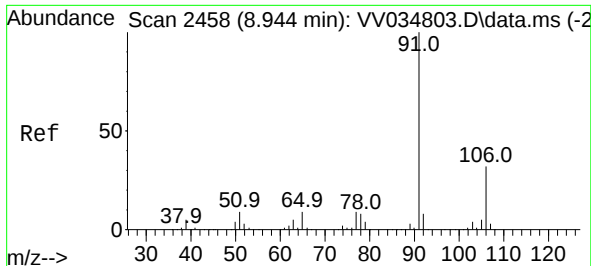
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

77 59.4 47.7 71.5

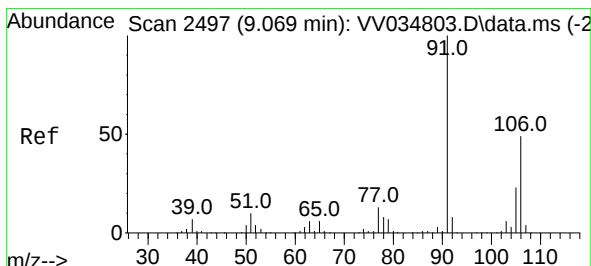
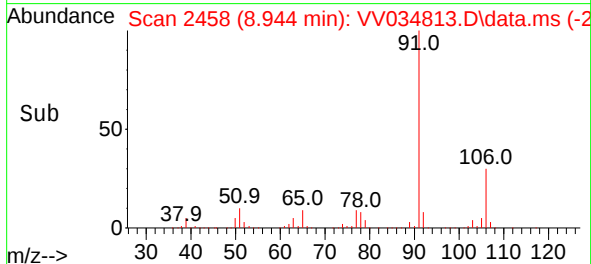
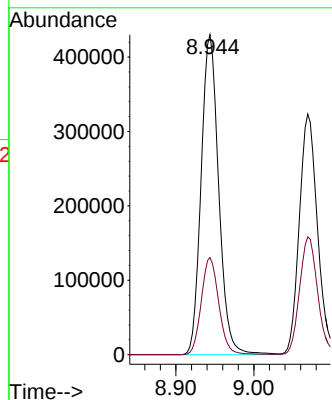
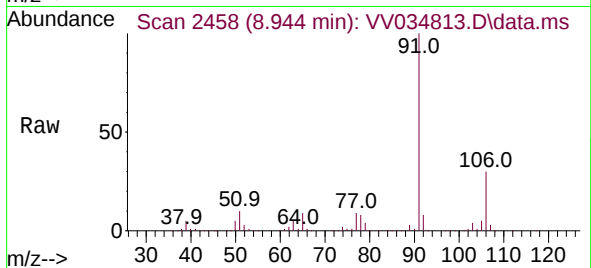




#52
Ethylbenzene
Concen: 58.429 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

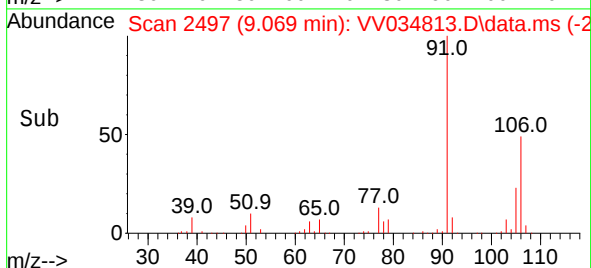
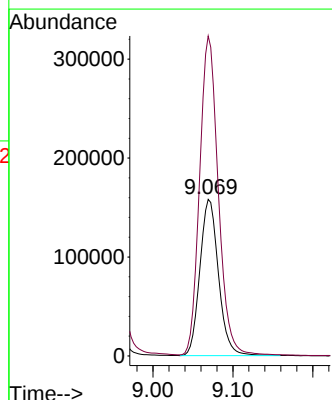
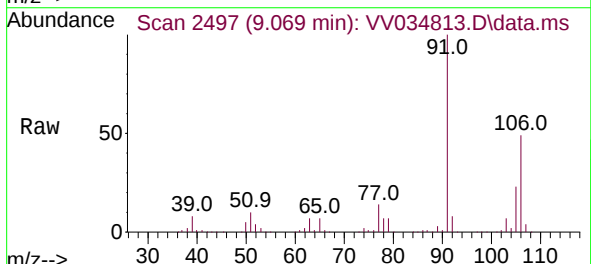
Instrument :
MSVOA_V
ClientSampleId :

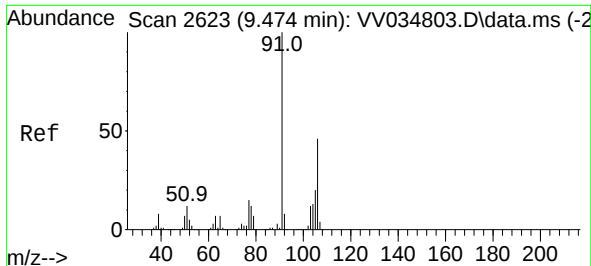
Tgt Ion: 91 Resp: 674182
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 58.260 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion: 106 Resp: 255095
Ion Ratio Lower Upper
106 100
91 204.3 145.3 269.9

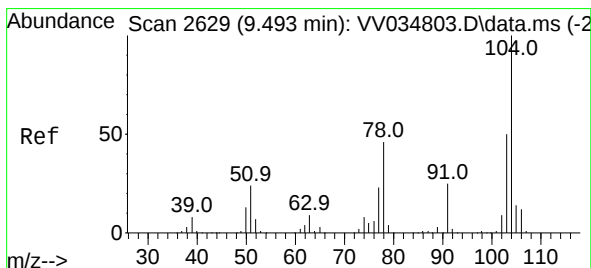
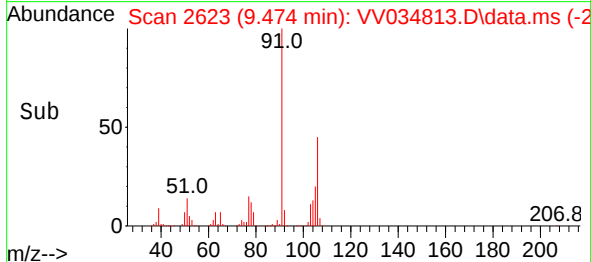
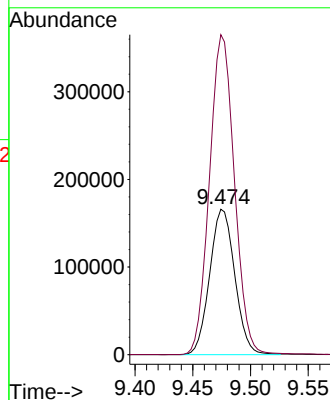
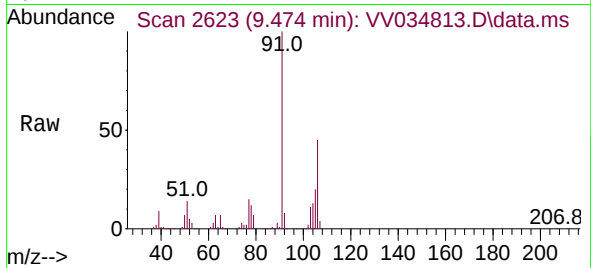




#54
o-Xylene
Concen: 58.574 ug/L
RT: 9.474 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

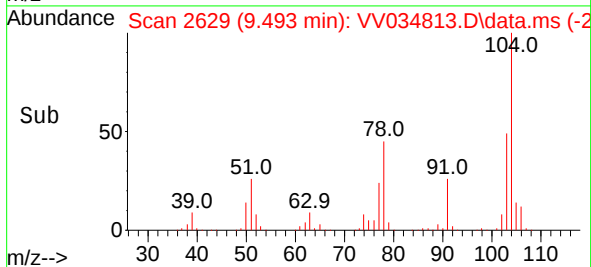
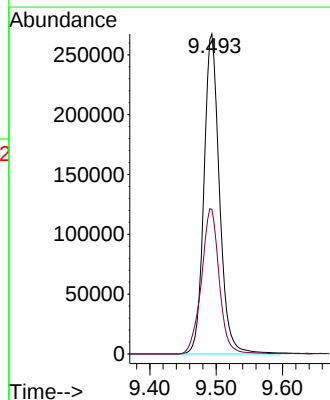
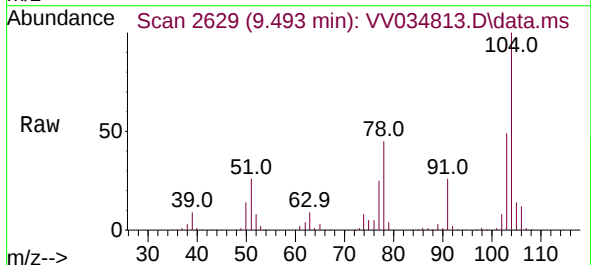
Instrument :
MSVOA_V
ClientSampleId :

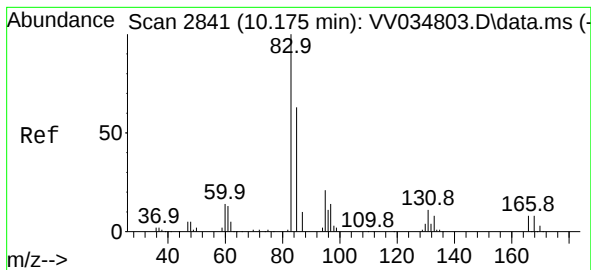
Tgt Ion:106 Resp: 251140
Ion Ratio Lower Upper
106 100
91 220.1 152.2 282.7



#55
Styrene
Concen: 60.174 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion:104 Resp: 436824
Ion Ratio Lower Upper
104 100
78 45.2 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 61.201 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

ClientSampleId :

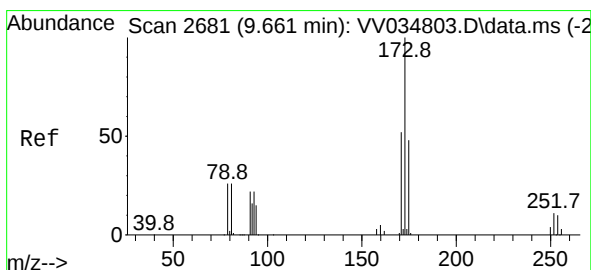
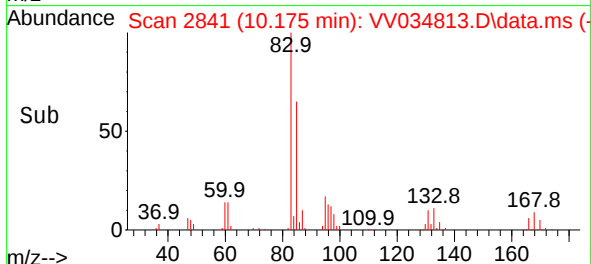
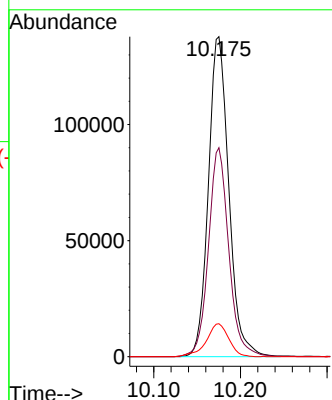
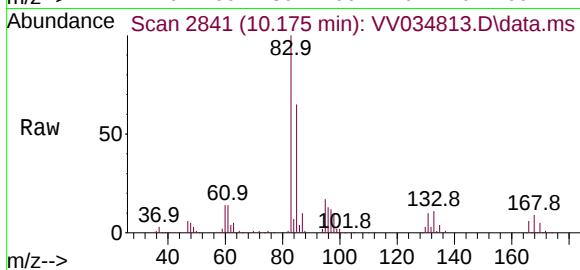
Tgt Ion: 83 Resp: 225932

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.2

131 10.3 8.3 12.5



#59

Bromoform

Concen: 60.168 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

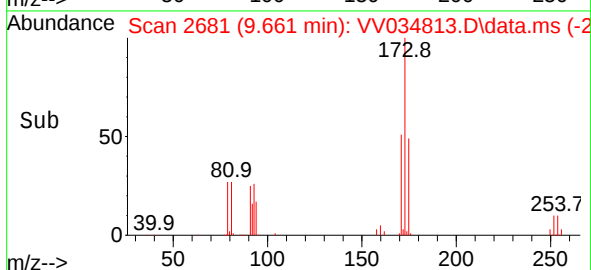
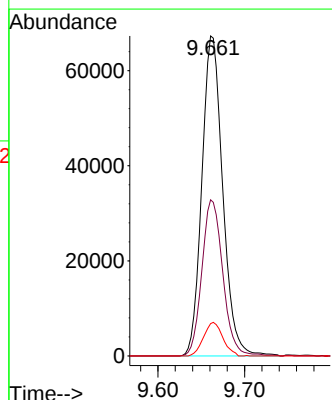
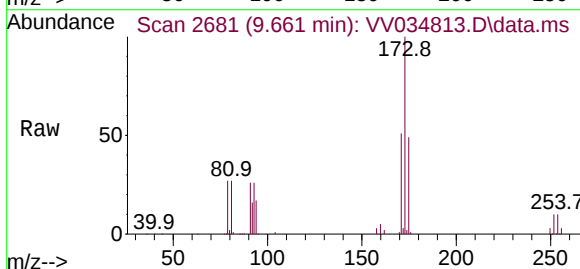
Tgt Ion:173 Resp: 112464

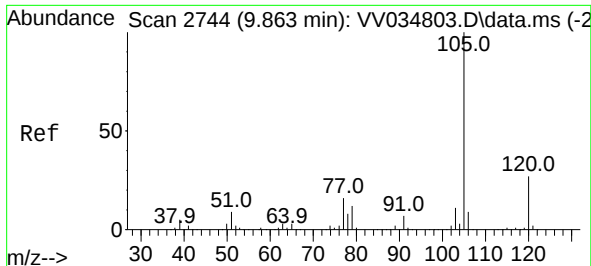
Ion Ratio Lower Upper

173 100

175 48.7 39.1 58.7

254 9.7 7.8 11.8

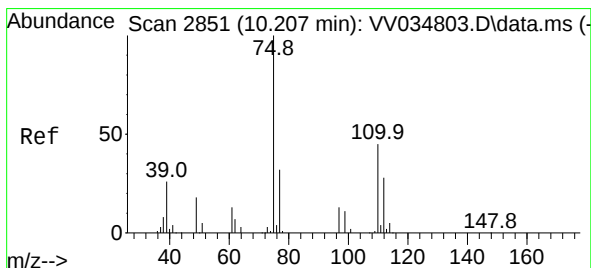
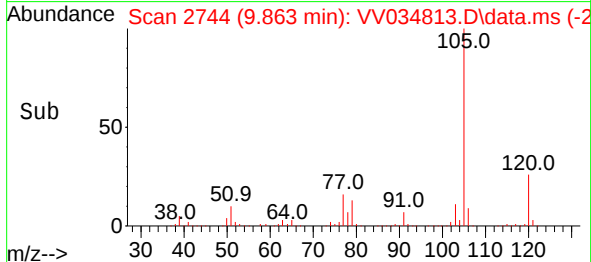
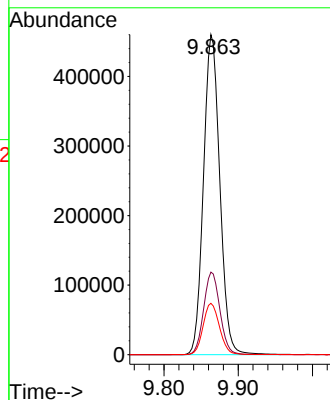
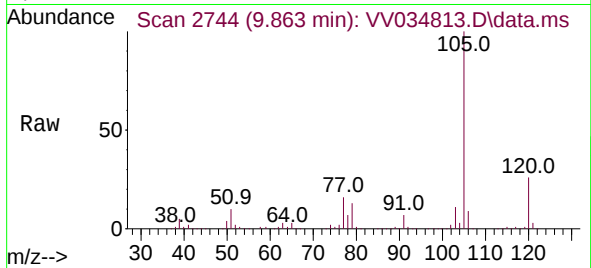




#60
Isopropylbenzene
Concen: 58.846 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

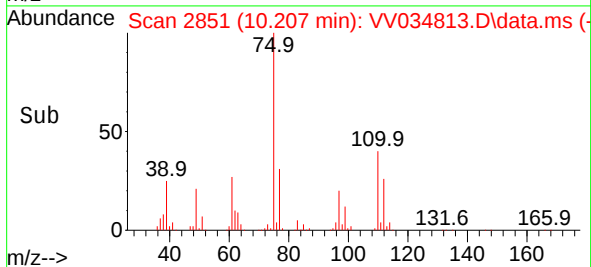
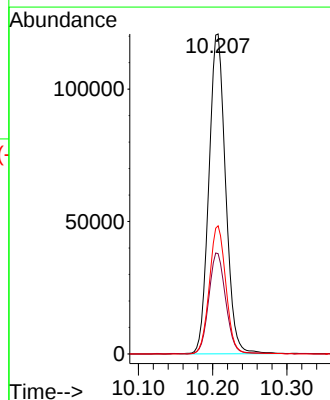
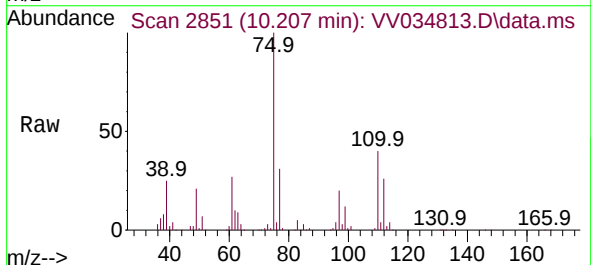
Instrument :
MSVOA_V
ClientSampleId :

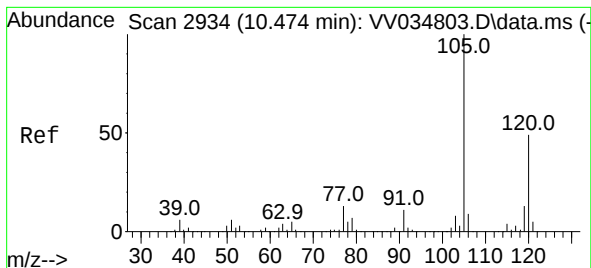
Tgt Ion:105 Resp: 701645
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 58.612 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion: 75 Resp: 188624
Ion Ratio Lower Upper
75 100
77 32.1 25.9 38.9
110 39.5 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 58.410 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

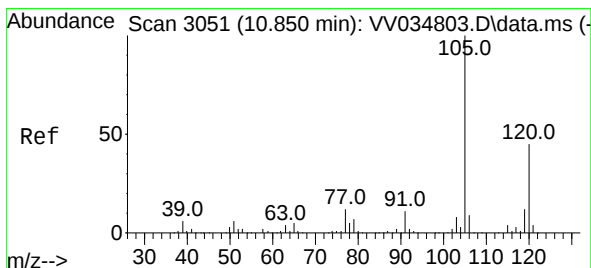
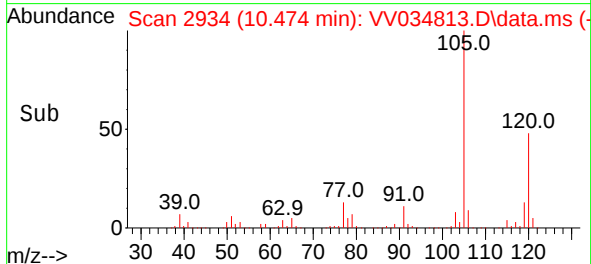
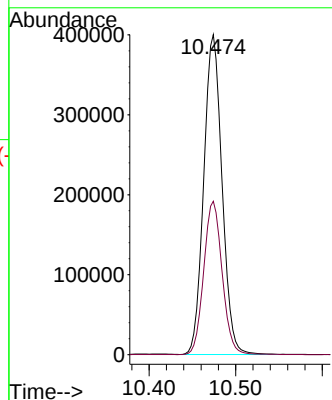
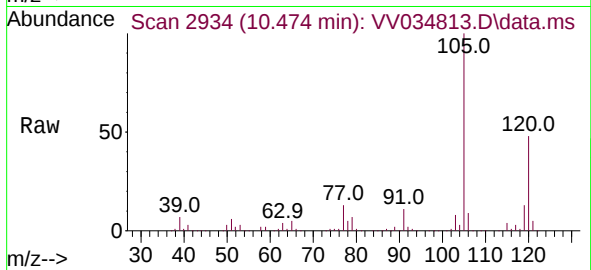
ClientSampleId :

Tgt Ion:105 Resp: 587488

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 59.083 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV034813.D

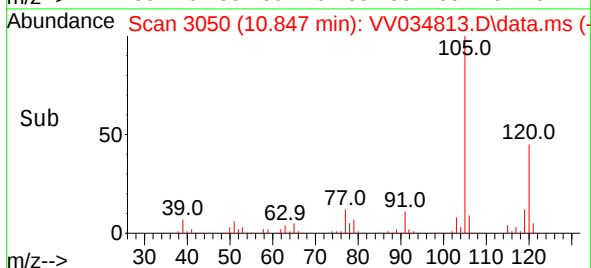
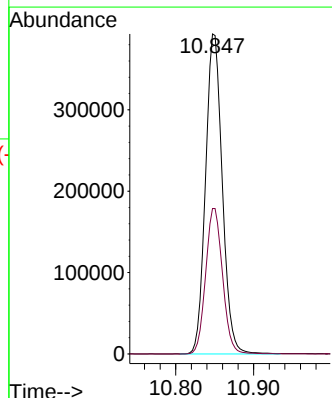
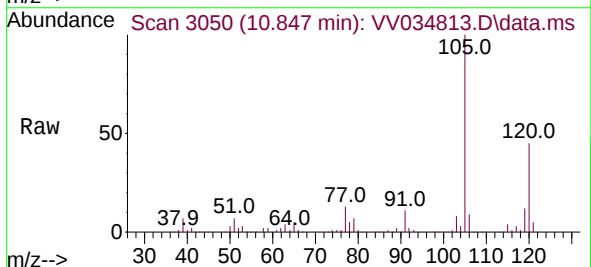
Acq: 22 Mar 2024 13:00

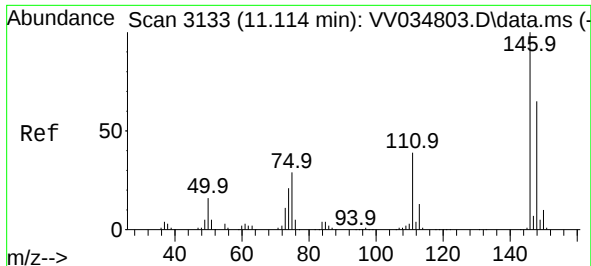
Tgt Ion:105 Resp: 587736

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.4

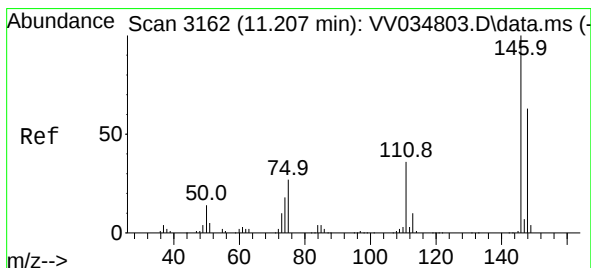
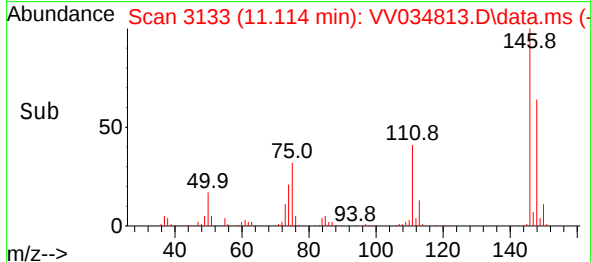
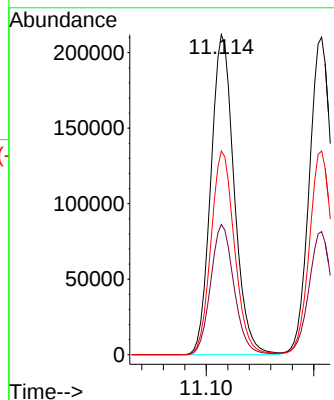
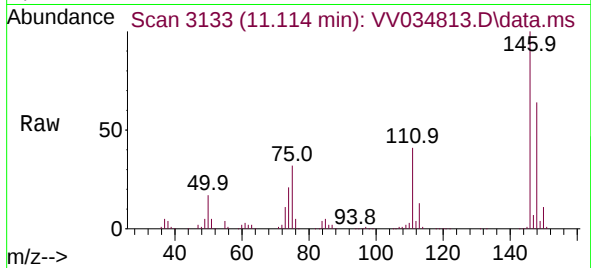




#64
1,3-Dichlorobenzene
Concen: 57.945 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

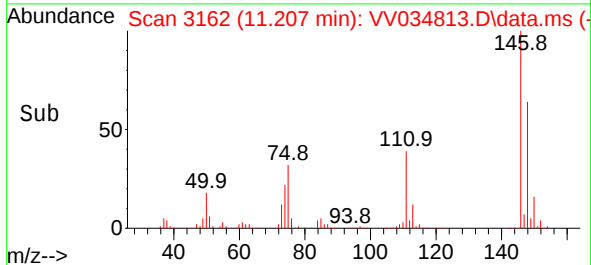
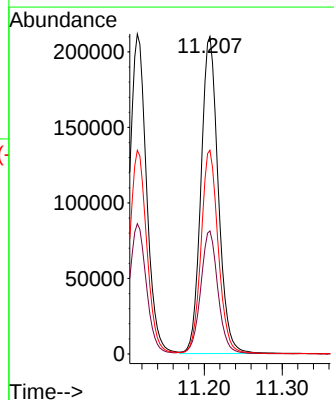
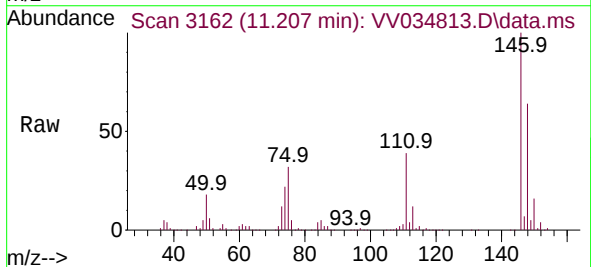
Instrument :
MSVOA_V
ClientSampleId :

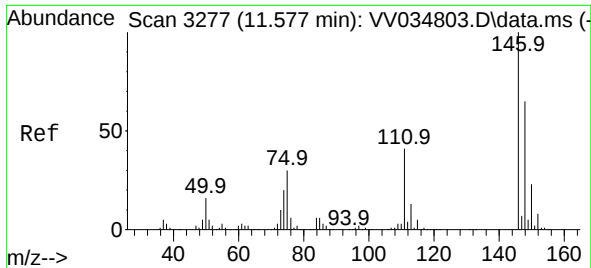
Tgt Ion:146 Resp: 319444
Ion Ratio Lower Upper
146 100
111 40.7 27.9 51.7
148 63.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 57.782 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion:146 Resp: 323486
Ion Ratio Lower Upper
146 100
111 38.7 26.5 49.1
148 64.2 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 58.056 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

ClientSampleId :

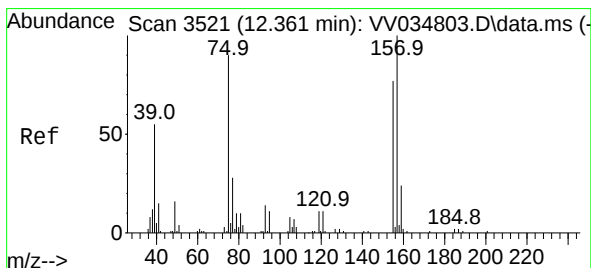
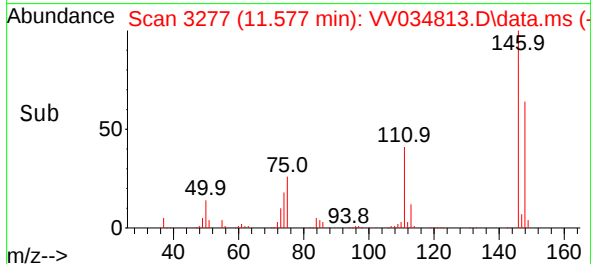
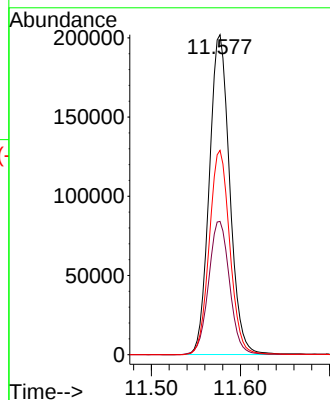
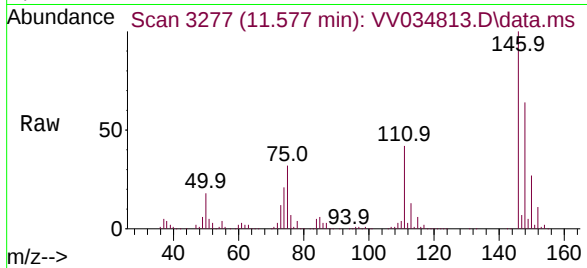
Tgt Ion:146 Resp: 320713

Ion Ratio Lower Upper

146 100

111 41.7 33.8 50.8

148 63.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 54.885 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

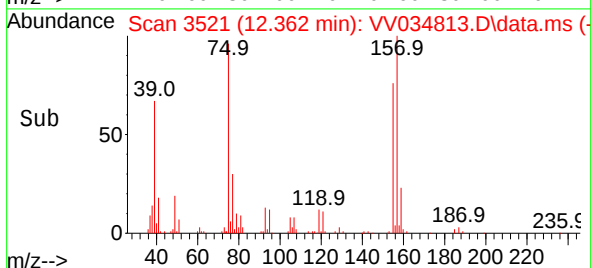
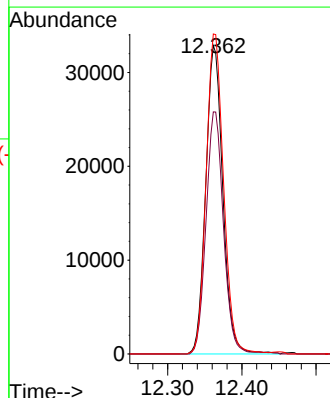
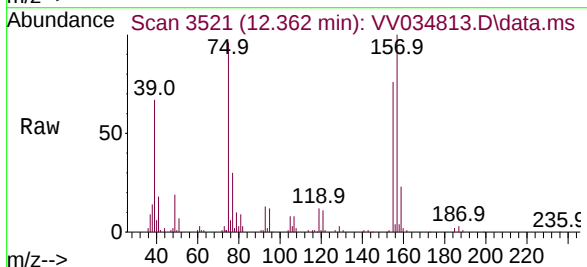
Tgt Ion: 75 Resp: 52615

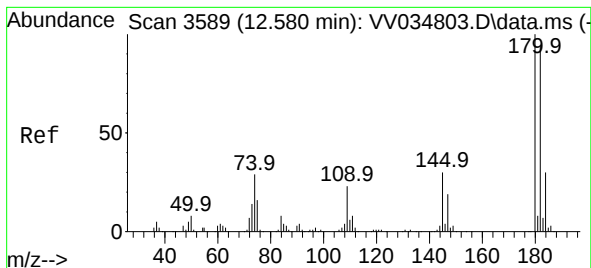
Ion Ratio Lower Upper

75 100

155 78.5 63.3 94.9

157 103.8 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 56.950 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

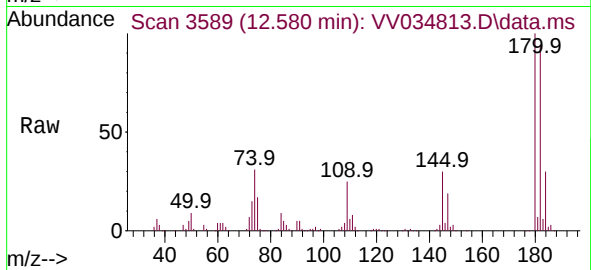
Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 235528

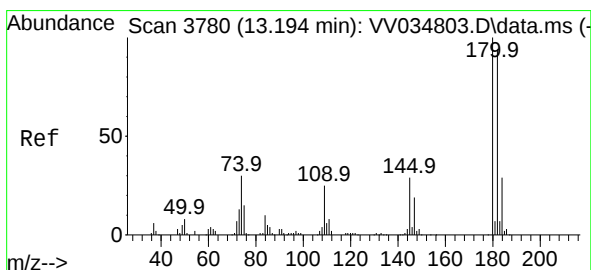
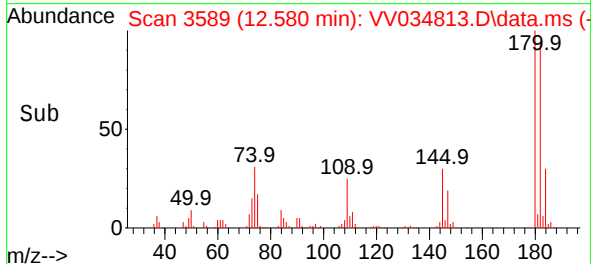
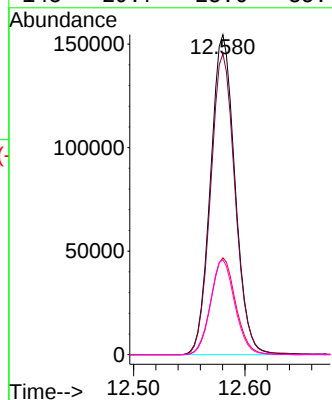
Ion Ratio Lower Upper

180 100

182 94.7 74.6 112.0

184 30.7 23.6 35.4

145 29.7 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 54.361 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV034813.D

Acq: 22 Mar 2024 13:00

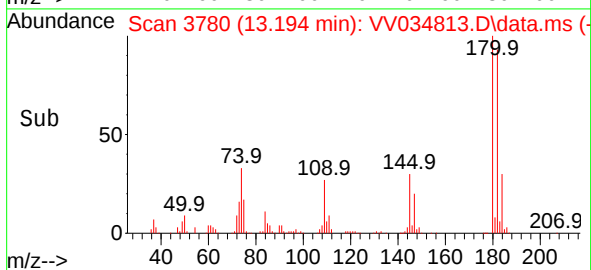
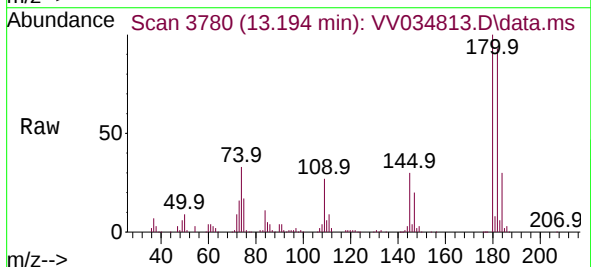
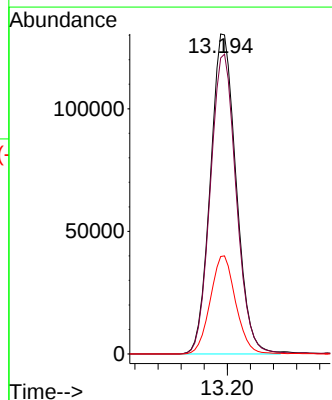
Tgt Ion:180 Resp: 202296

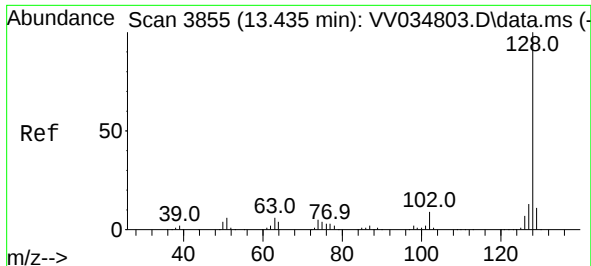
Ion Ratio Lower Upper

180 100

182 94.2 74.8 112.2

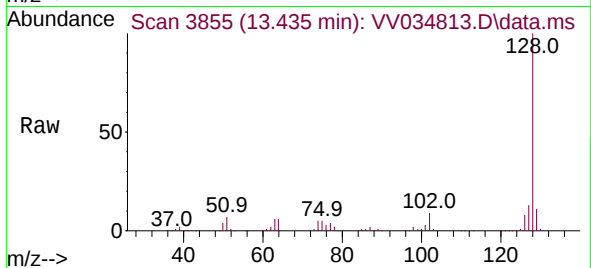
145 30.2 24.2 36.4



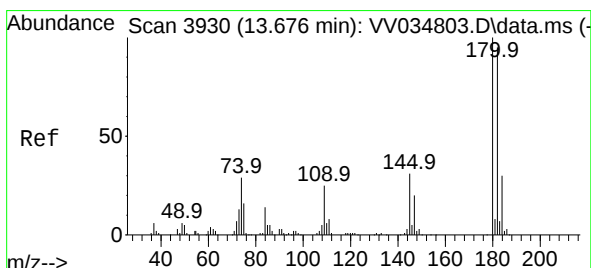
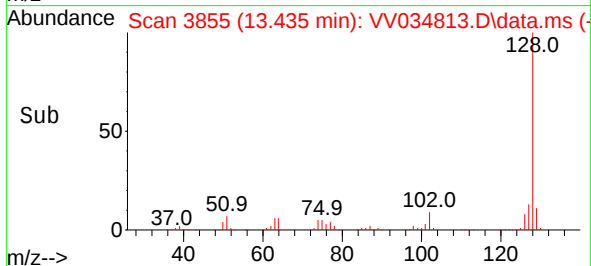
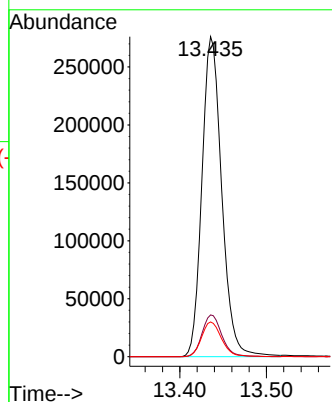


#71
Naphthalene
Concen: 43.997 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 437966
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.255 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV034813.D
Acq: 22 Mar 2024 13:00

Tgt Ion:180 Resp: 193334
Ion Ratio Lower Upper
180 100
182 94.6 75.9 113.9
145 32.4 25.5 38.3

