

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080624\
 Data File : VV036799.D
 Acq On : 06 Aug 2024 08:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 07 04:55:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	508259	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	472286	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	236887	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	188344	46.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.800%
7) Chloroethane-d5	1.529	69	155217	48.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.960%
11) 1,1-Dichloroethene-d2	2.056	65	82378	47.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
21) 2-Butanone-d5	3.790	46	191708	89.130	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.130%
24) Chloroform-d	4.240	84	359670	49.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.740%
26) 1,2-Dichloroethane-d4	4.934	65	228802	48.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
32) Benzene-d6	4.950	84	719441	50.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.860%
36) 1,2-Dichloropropane-d6	5.982	67	229273	49.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.640%
41) Toluene-d8	7.236	98	650486	49.712	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.420%
43) trans-1,3-Dichloroprop...	7.548	79	118037	49.284	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.560%
47) 2-Hexanone-d5	8.021	63	120037	90.716	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.720%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	258172	48.859	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.720%
66) 1,2-Dichlorobenzene-d4	11.554	152	241285	49.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.980%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	222877	54.996	ug/L	100
3) Chloromethane	1.217	50	225684	53.212	ug/L	99
5) Vinyl chloride	1.282	62	231162	53.074	ug/L	99
6) Bromomethane	1.487	94	143571	52.356	ug/L	97
8) Chloroethane	1.548	64	139359	51.655	ug/L	100
9) Trichlorofluoromethane	1.712	101	293449	51.437	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	176893	52.621	ug/L	100
12) 1,1-Dichloroethene	2.066	96	166230	51.775	ug/L	94
13) Acetone	2.111	43	165235	91.819	ug/L	99
14) Carbon disulfide	2.237	76	507387	50.310	ug/L	99
15) Methyl Acetate	2.368	43	168172	45.363	ug/L	98
16) Methylene chloride	2.442	84	181205	50.203	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	170993	51.417	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	568316	48.521	ug/L	99
19) 1,1-Dichloroethane	3.101	63	338612	50.396	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	198327	50.809	ug/L	98
22) 2-Butanone	3.870	43	213927	88.737	ug/L	100
23) Bromochloromethane	4.137	128	95813	50.531	ug/L	95
25) Chloroform	4.269	83	348746	50.535	ug/L	99

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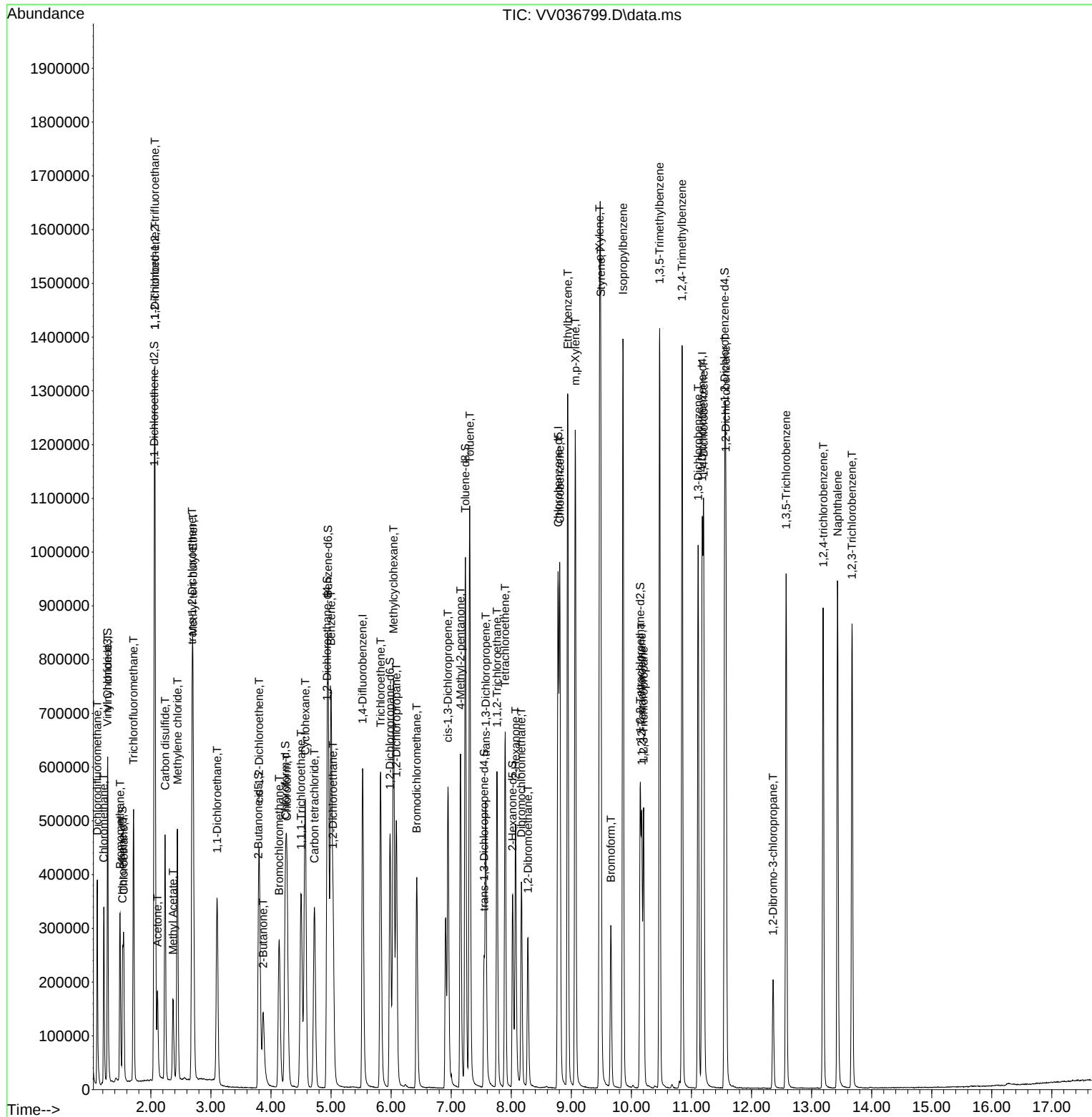
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	267350	49.114	ug/L	100
29) Cyclohexane	4.571	56	317659	52.789	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	302306	50.806	ug/L	99
31) Carbon tetrachloride	4.722	117	255200	51.069	ug/L	99
33) Benzene	5.002	78	743364	52.623	ug/L	100
34) Trichloroethene	5.825	95	206734	50.497	ug/L	97
35) Methylcyclohexane	6.040	83	324946	51.725	ug/L	99
37) 1,2-Dichloropropane	6.088	63	193041	51.586	ug/L	100
38) Bromodichloromethane	6.426	83	263222	51.080	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	321933	50.232	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	414735	89.468	ug/L	99
42) Toluene	7.310	91	783172	52.051	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	304516	50.990	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	180432	49.789	ug/L	99
46) Tetrachloroethene	7.899	164	140098	52.171	ug/L	98
48) 2-Hexanone	8.072	43	308856	90.566	ug/L	99
49) Dibromochloromethane	8.169	129	188436	50.599	ug/L	100
50) 1,2-Dibromoethane	8.278	107	189601	50.426	ug/L	96
51) Chlorobenzene	8.809	112	497803	51.564	ug/L	100
52) Ethylbenzene	8.940	91	894377	52.060	ug/L	100
53) m,p-Xylene	9.066	106	333366	51.912	ug/L	99
54) o-Xylene	9.471	106	325454	51.816	ug/L	98
55) Styrene	9.490	104	563463	52.349	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	240075	49.096	ug/L	100
59) Bromoform	9.661	173	128162	48.905	ug/L	97
60) Isopropylbenzene	9.860	105	890389	51.629	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	200071	46.917	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	740454	51.571	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	742038	51.628	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	381533	51.446	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	390412	51.768	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	374252	51.671	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	54014	43.832	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	272412	51.760	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	255567	50.631	ug/L	100
71) Naphthalene	13.432	128	721906	44.599	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	242203	49.019	ug/L	99

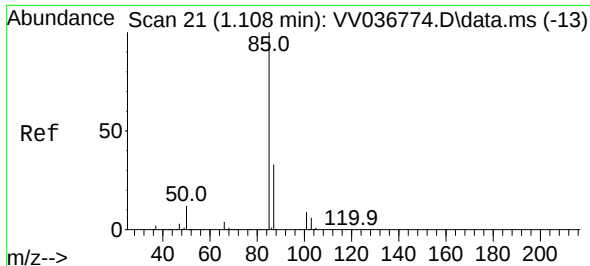
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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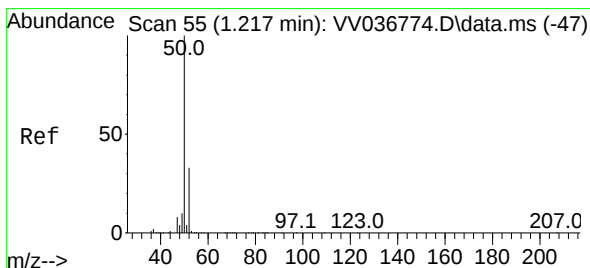
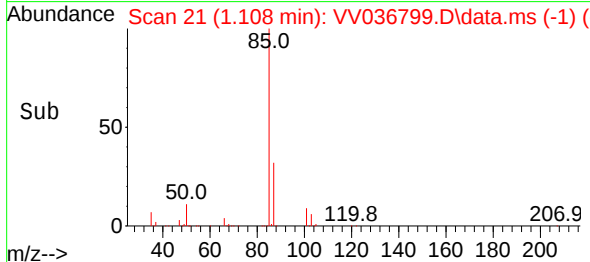
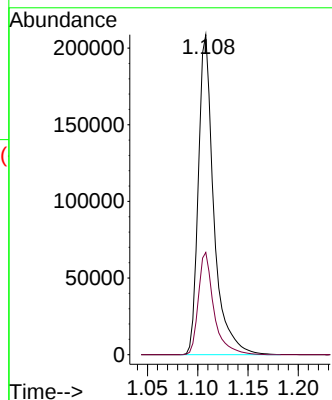
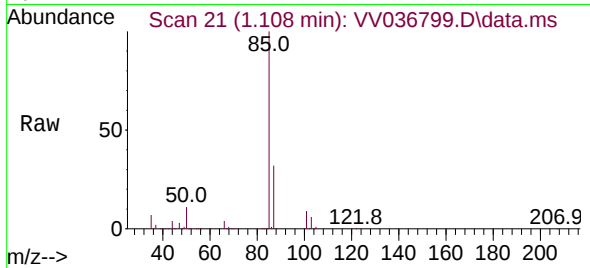




#2
 Dichlorodifluoromethane
 Concen: 54.996 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036799.D
 Acq: 06 Aug 2024 08:43

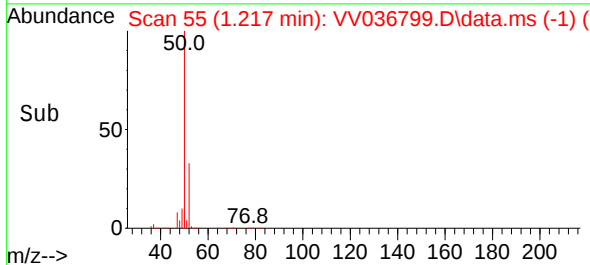
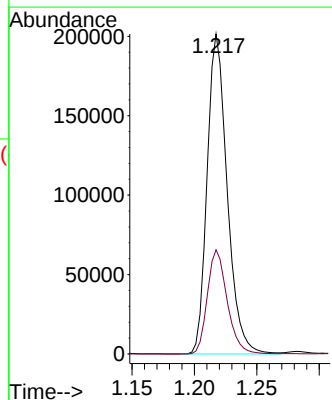
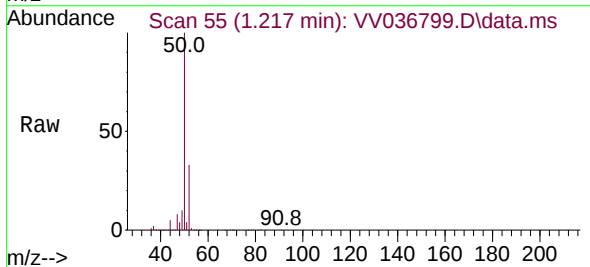
Instrument :
 MSVOA_V
 ClientSampleId :

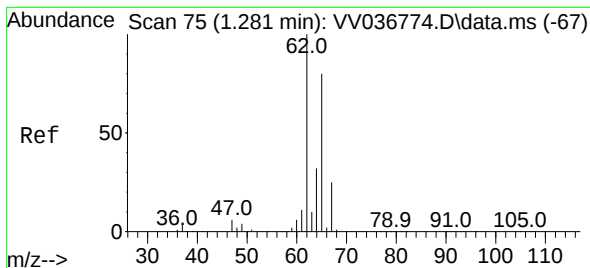
Tgt Ion: 85 Resp: 222877
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 53.212 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV036799.D
 Acq: 06 Aug 2024 08:43

Tgt Ion: 50 Resp: 225684
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.8





#5

Vinyl chloride

Concen: 53.074 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

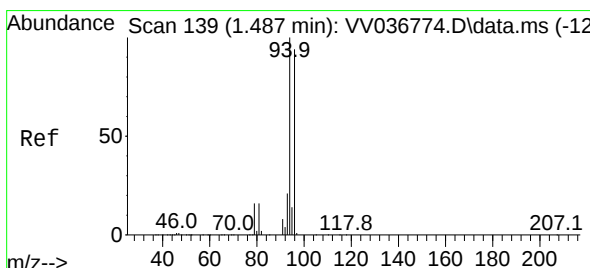
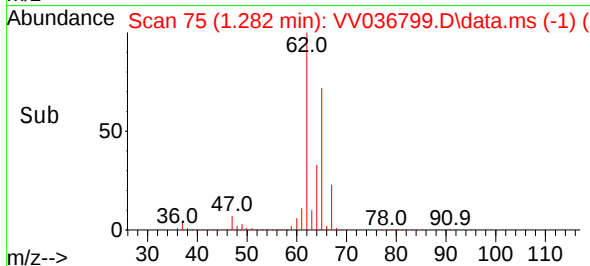
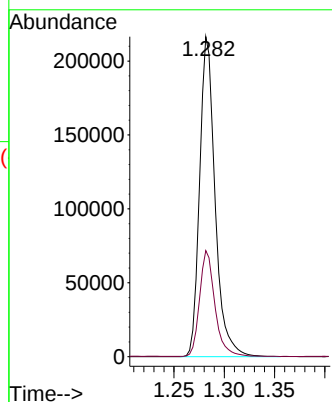
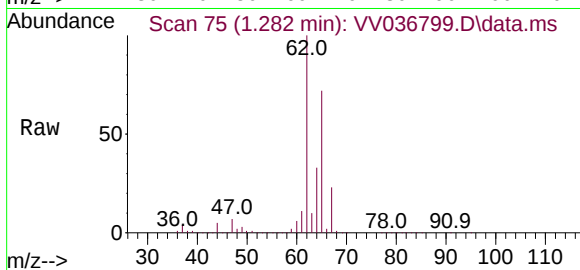
ClientSampleId :

Tgt Ion: 62 Resp: 231162

Ion Ratio Lower Upper

62 100

64 33.1 23.6 43.8



#6

Bromomethane

Concen: 52.356 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV036799.D

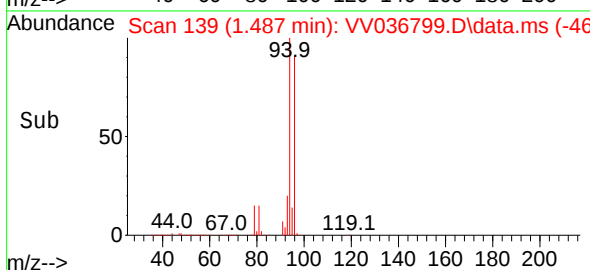
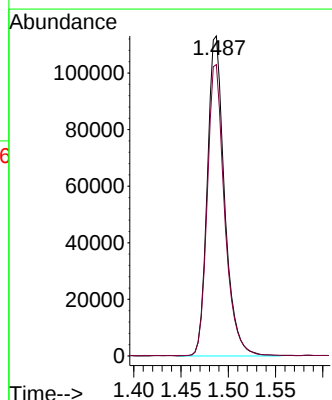
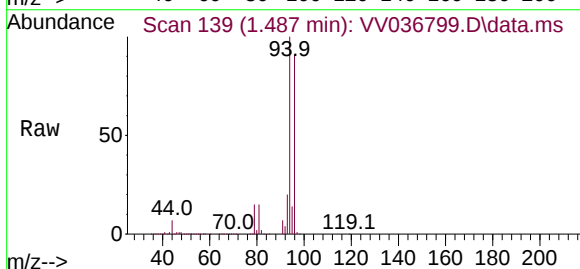
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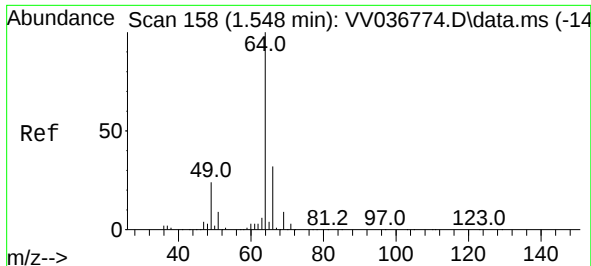
Tgt Ion: 94 Resp: 143571

Ion Ratio Lower Upper

94 100

96 91.0 65.5 121.7

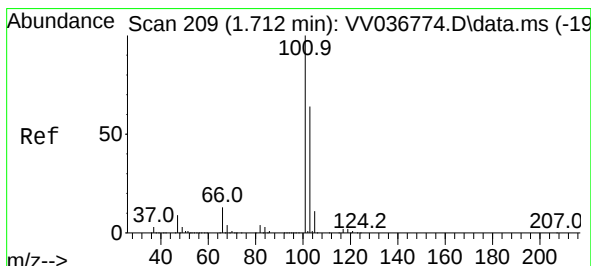
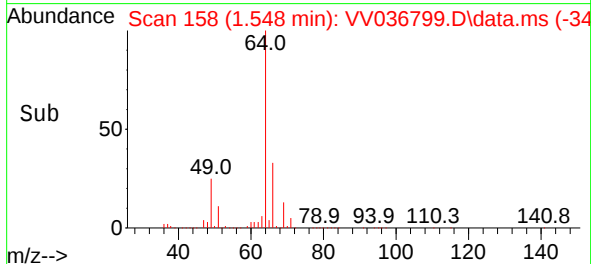
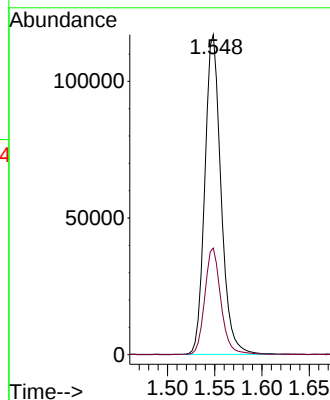
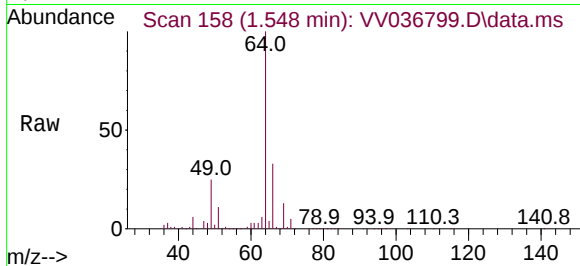




#8
Chloroethane
Concen: 51.655 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

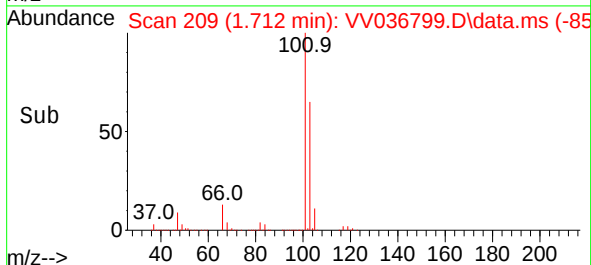
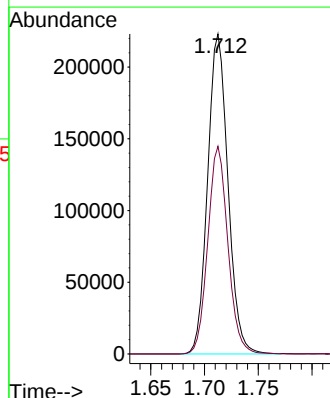
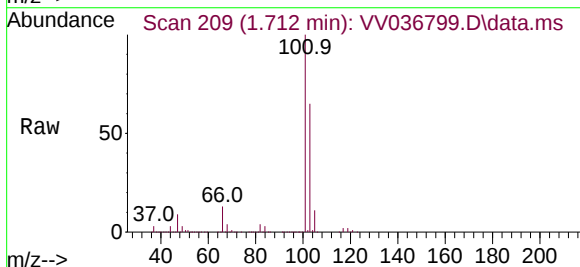
Instrument :
MSVOA_V
ClientSampleId :

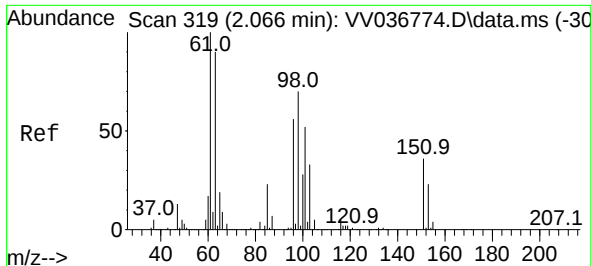
Tgt Ion: 64 Resp: 139359
Ion Ratio Lower Upper
64 100
66 33.3 23.2 43.0



#9
Trichlorofluoromethane
Concen: 51.437 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

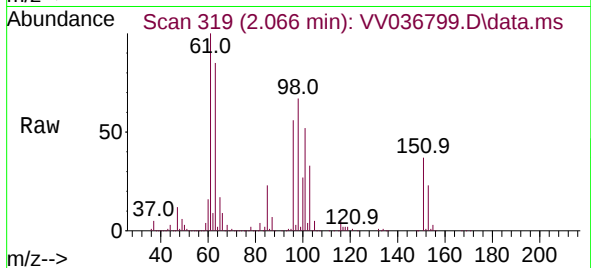
Tgt Ion:101 Resp: 293449
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0



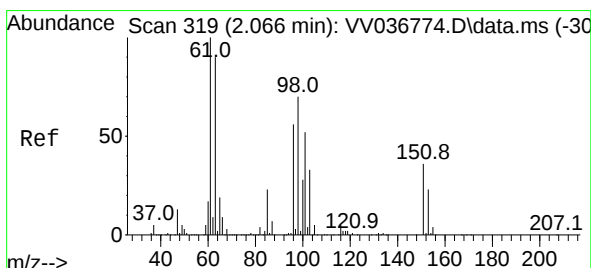
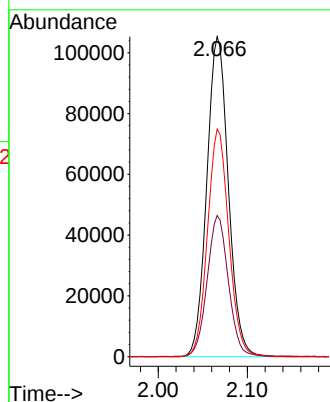
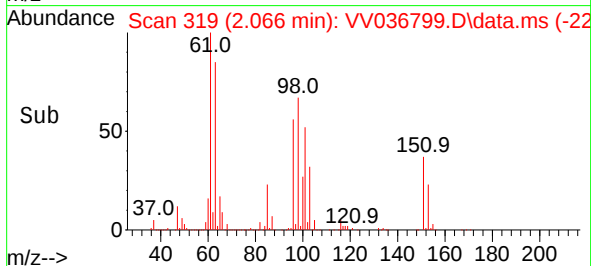


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.621 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV036799.D
 Acq: 06 Aug 2024 08:43

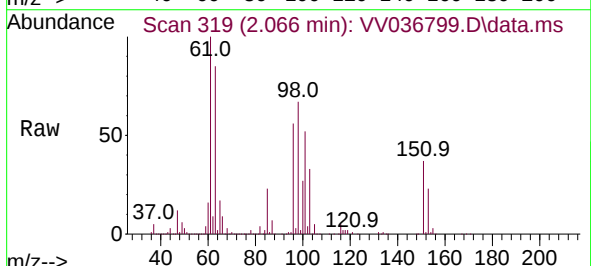
Instrument :
 MSVOA_V
 ClientSampleId :



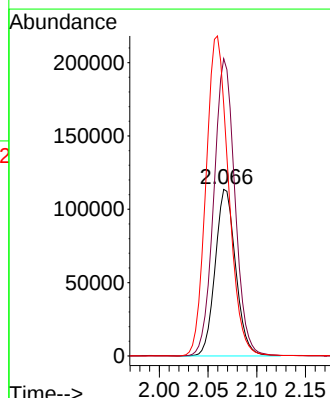
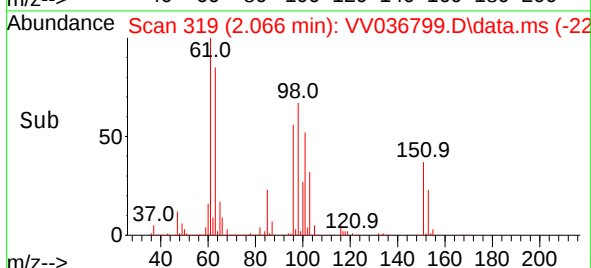
Tgt Ion:101 Resp: 176893
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.6 51.8
 151 70.2 55.9 83.9

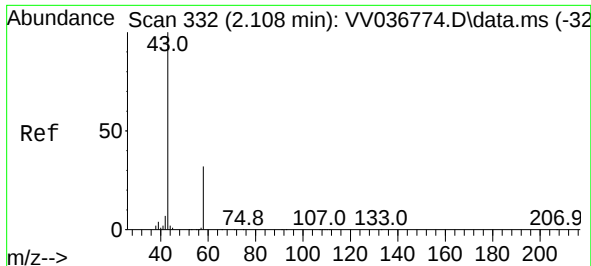


#12
 1,1-Dichloroethene
 Concen: 51.775 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV036799.D
 Acq: 06 Aug 2024 08:43



Tgt Ion: 96 Resp: 166230
 Ion Ratio Lower Upper
 96 100
 61 178.4 125.6 233.2
 63 150.9 95.1 176.7





#13

Acetone

Concen: 91.819 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

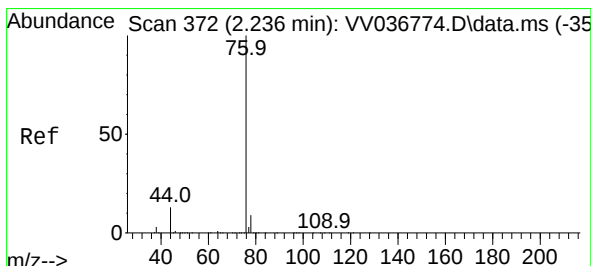
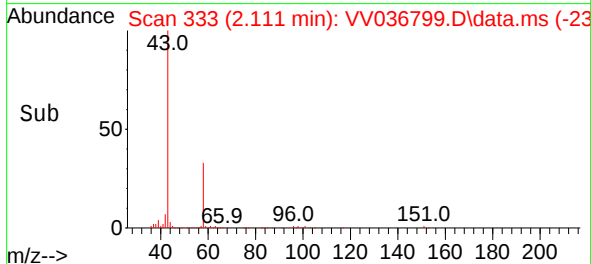
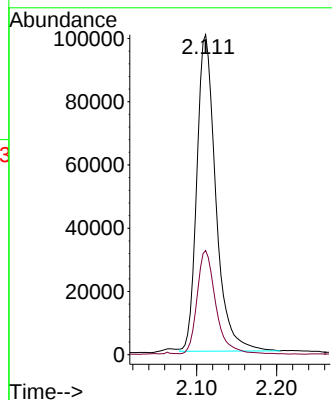
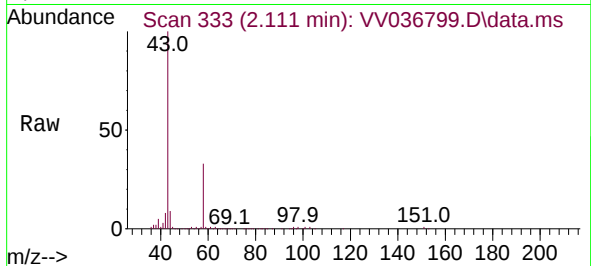
ClientSampleId :

Tgt Ion: 43 Resp: 165235

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.4



#14

Carbon disulfide

Concen: 50.310 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV036799.D

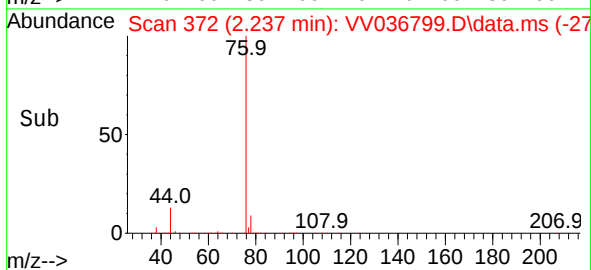
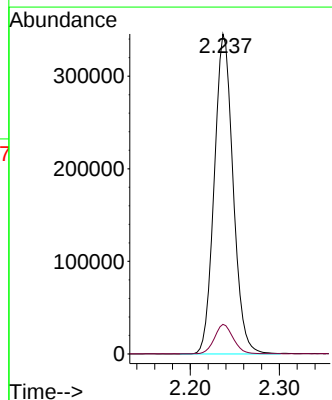
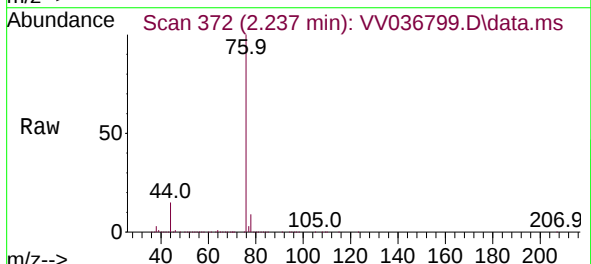
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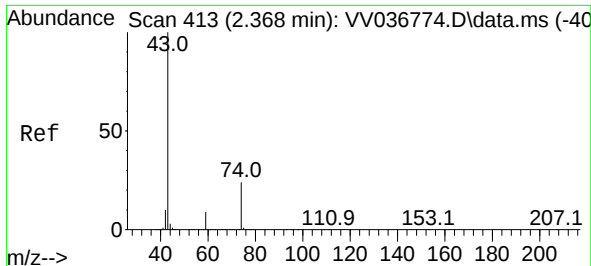
Tgt Ion: 76 Resp: 507387

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





#15

Methyl Acetate

Concen: 45.363 ug/L

RT: 2.368 min Scan# 413

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

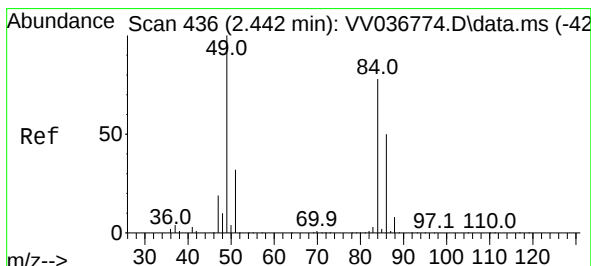
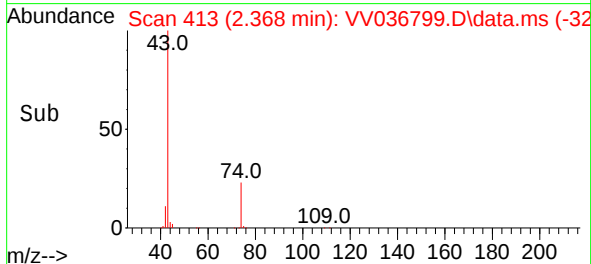
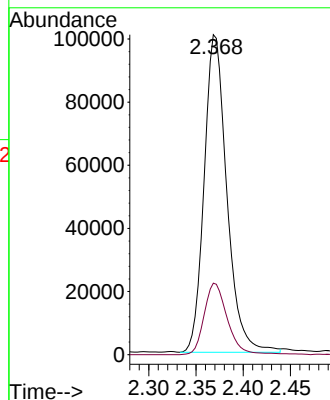
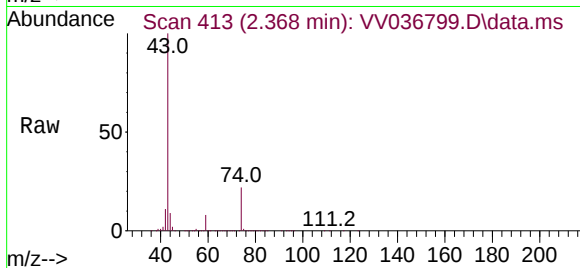
ClientSampleId :

Tgt Ion: 43 Resp: 168172

Ion Ratio Lower Upper

43 100

74 22.7 19.0 28.4



#16

Methylene chloride

Concen: 50.203 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

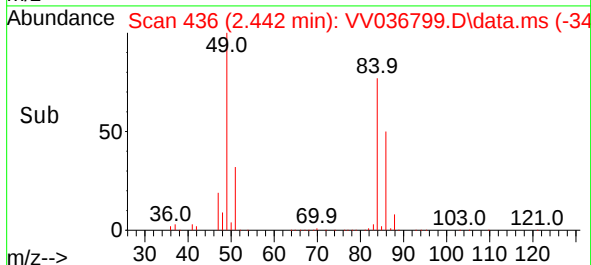
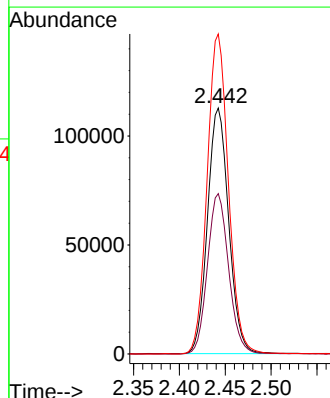
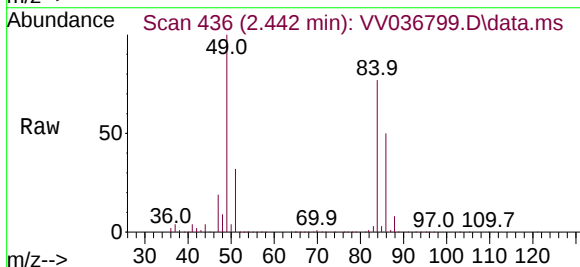
Tgt Ion: 84 Resp: 181205

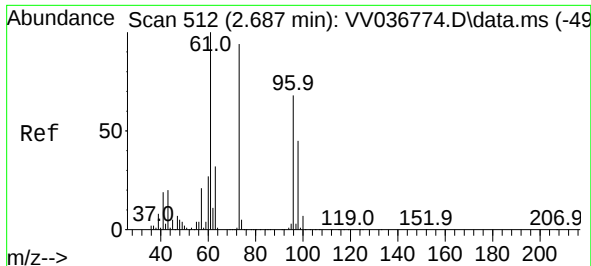
Ion Ratio Lower Upper

84 100

86 65.2 44.3 82.3

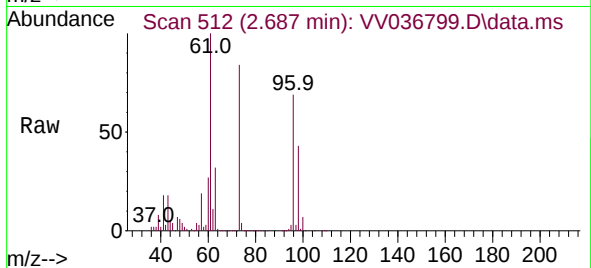
49 130.1 91.1 169.1





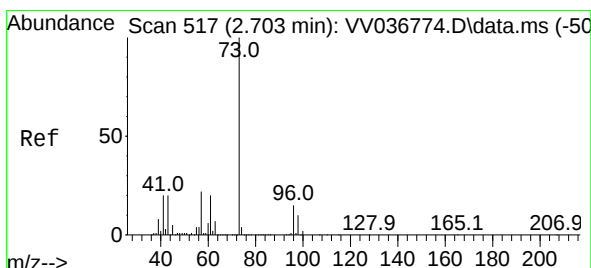
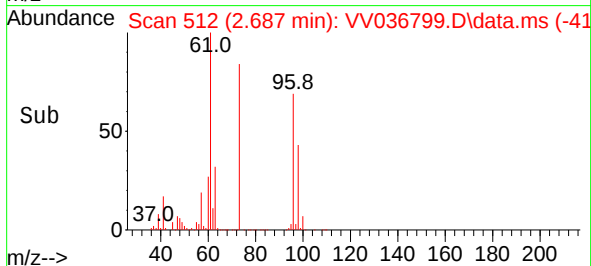
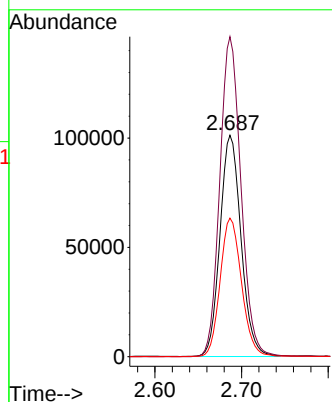
#17
trans-1,2-Dichloroethene
Concen: 51.417 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 170993

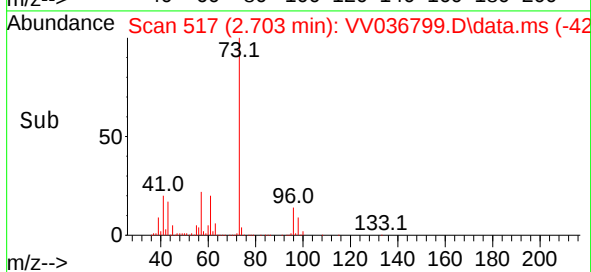
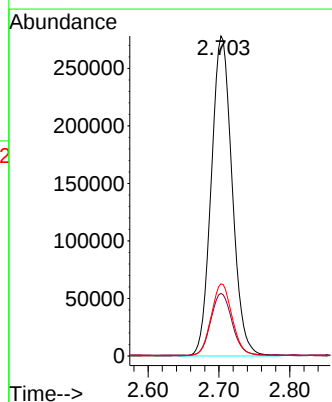
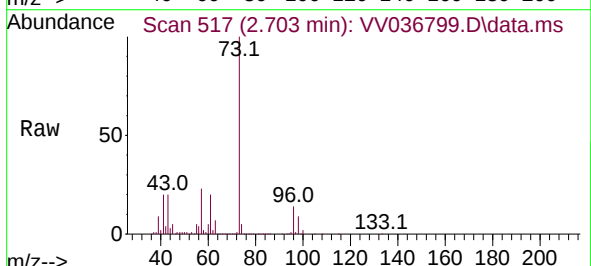
Ion	Ratio	Lower	Upper
96	100		
61	144.5	100.0	185.8
98	62.6	44.0	81.8

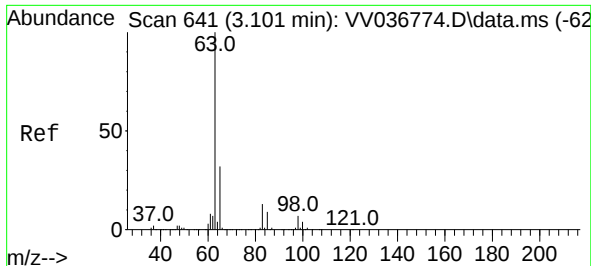


#18
Methyl tert-butyl Ether
Concen: 48.521 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

Tgt Ion: 73 Resp: 568316

Ion	Ratio	Lower	Upper
73	100		
43	19.5	16.1	24.1
57	22.5	17.9	26.9

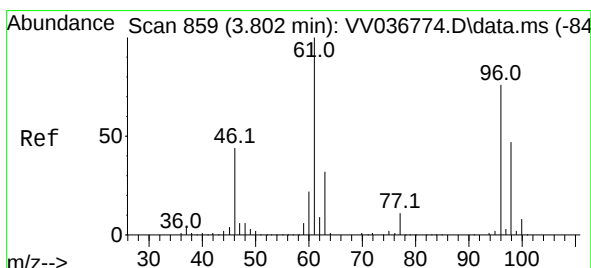
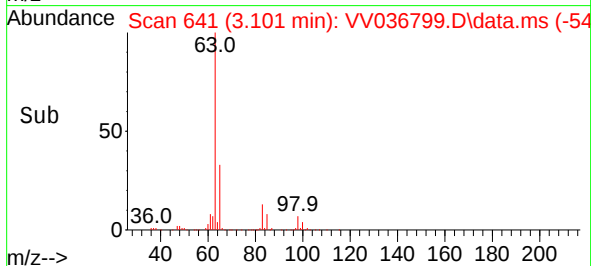
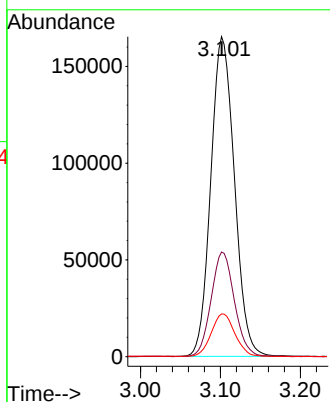
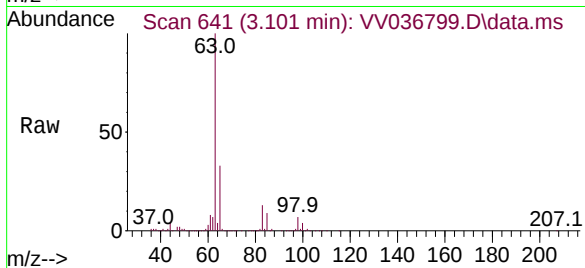




#19
 1,1-Dichloroethane
 Concen: 50.396 ug/L
 RT: 3.101 min Scan# 641
 Delta R.T. 0.000 min
 Lab File: VV036799.D
 Acq: 06 Aug 2024 08:43

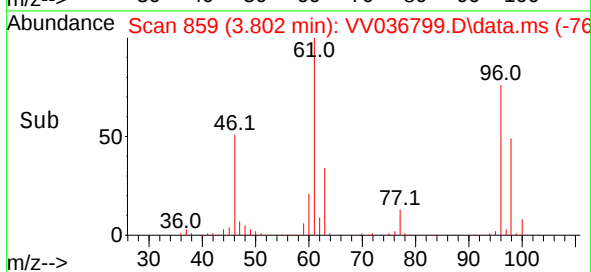
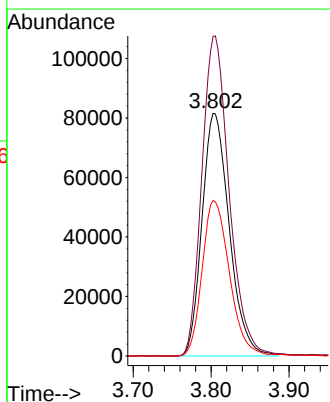
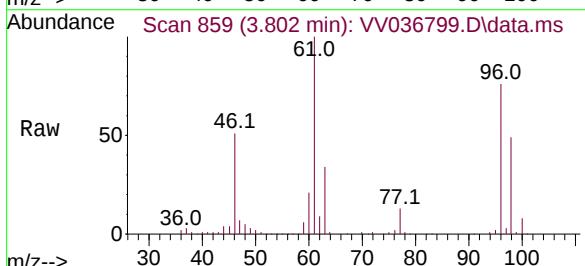
Instrument :
 MSVOA_V
 ClientSampleId :

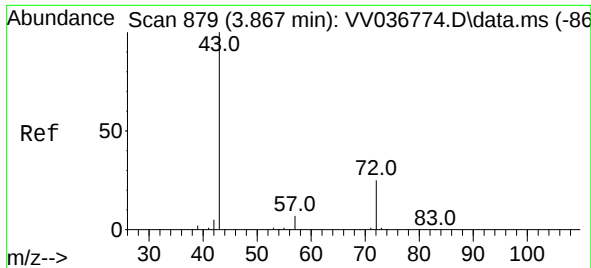
Tgt Ion: 63 Resp: 338612
 Ion Ratio Lower Upper
 63 100
 65 32.7 23.2 43.0
 83 13.4 9.2 17.0



#20
 cis-1,2-Dichloroethene
 Concen: 50.809 ug/L
 RT: 3.802 min Scan# 859
 Delta R.T. 0.000 min
 Lab File: VV036799.D
 Acq: 06 Aug 2024 08:43

Tgt Ion: 96 Resp: 198327
 Ion Ratio Lower Upper
 96 100
 61 131.6 93.9 174.5
 98 64.1 46.0 85.4

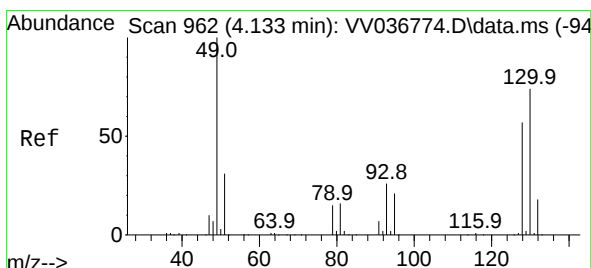
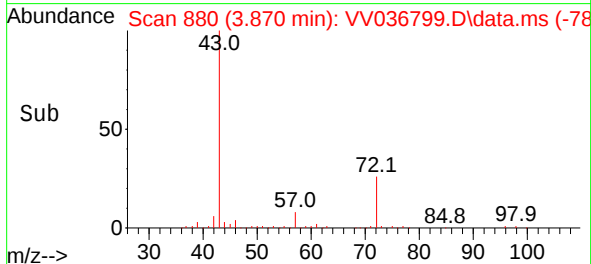
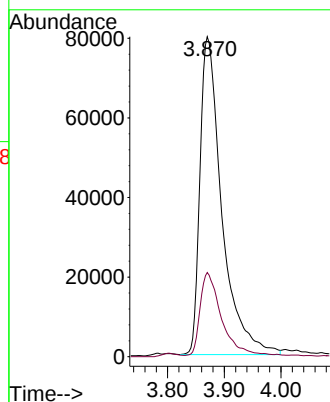
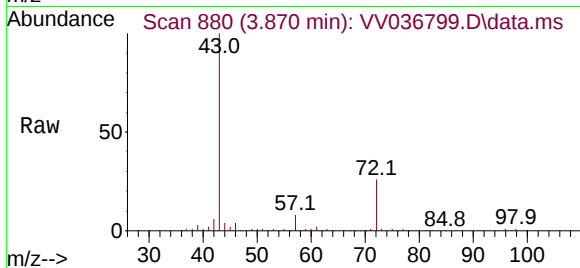




#22
2-Butanone
Concen: 88.737 ug/L
RT: 3.870 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

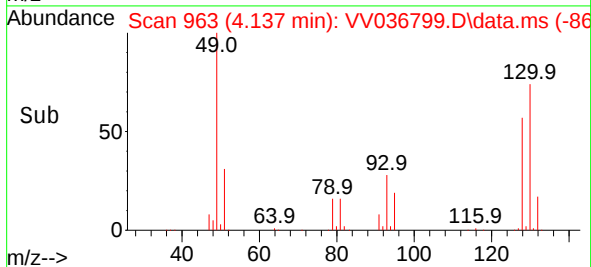
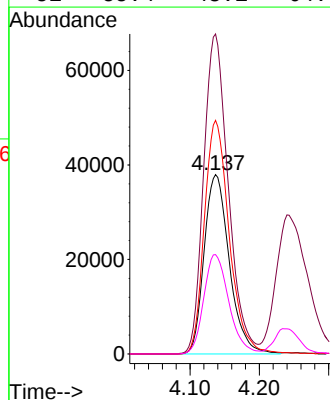
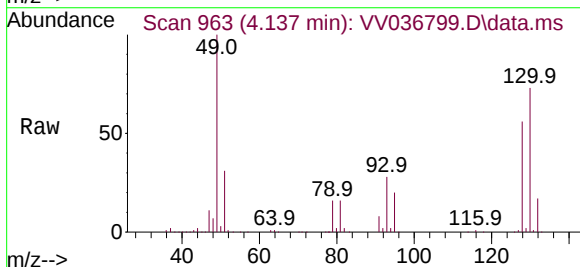
Instrument :
MSVOA_V
ClientSampleId :

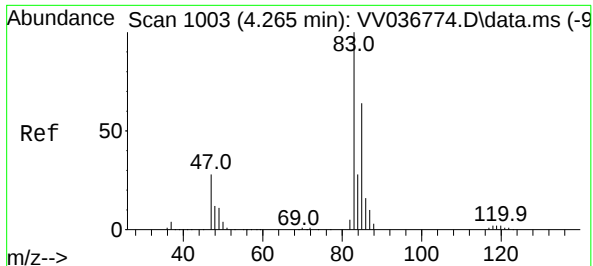
Tgt Ion: 43 Resp: 213927
Ion Ratio Lower Upper
43 100
72 25.0 12.5 37.5



#23
Bromochloromethane
Concen: 50.531 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.003 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

Tgt Ion:128 Resp: 95813
Ion Ratio Lower Upper
128 100
49 178.4 120.0 223.0
130 130.2 87.0 161.6
51 55.4 43.1 64.7





#25

Chloroform

Concen: 50.535 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

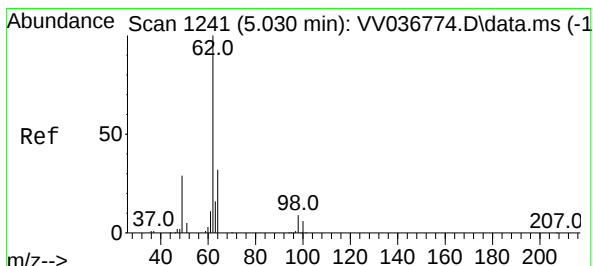
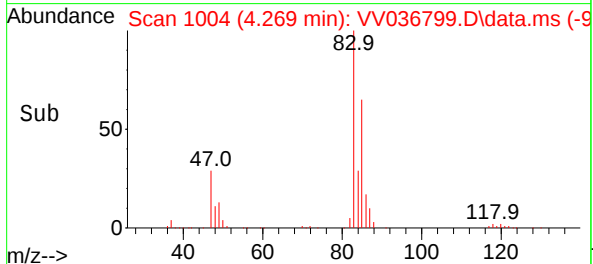
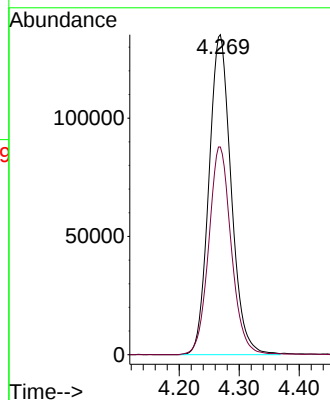
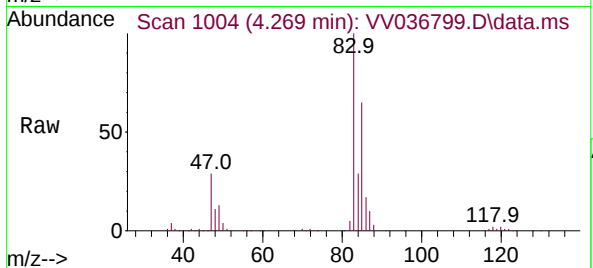
ClientSampleId :

Tgt Ion: 83 Resp: 348746

Ion Ratio Lower Upper

83 100

85 64.9 46.0 85.4



#27

1,2-Dichloroethane

Concen: 49.114 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VV036799.D

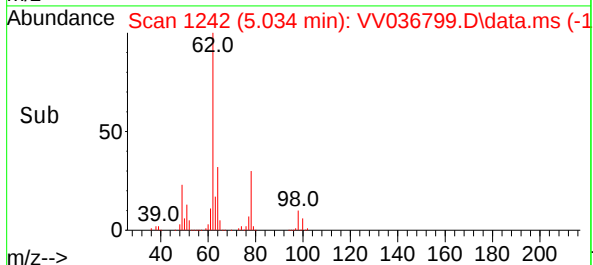
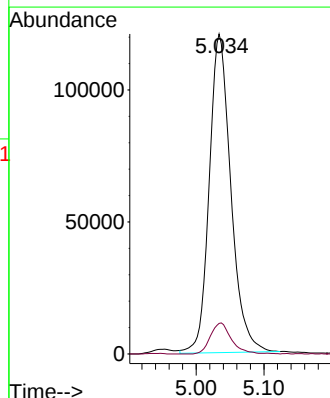
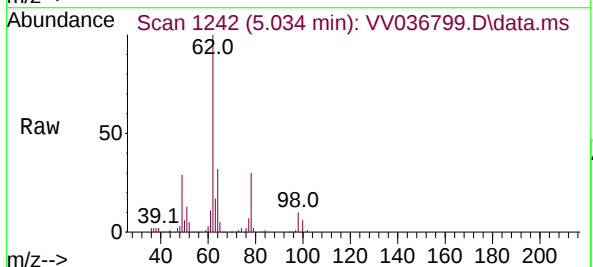
Acq: 06 Aug 2024 08:43

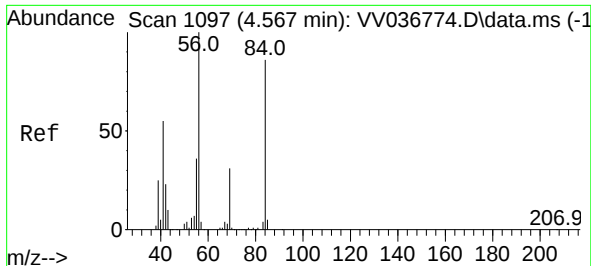
Tgt Ion: 62 Resp: 267350

Ion Ratio Lower Upper

62 100

98 9.6 7.5 11.3





#29

Cyclohexane

Concen: 52.789 ug/L

RT: 4.571 min Scan# 1097

Delta R.T. 0.003 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

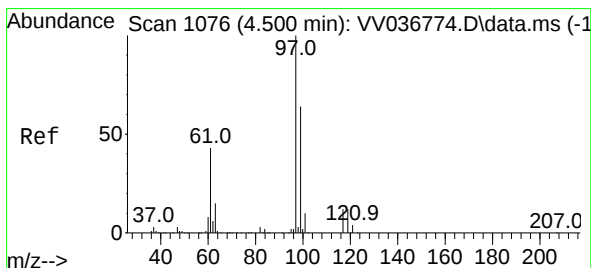
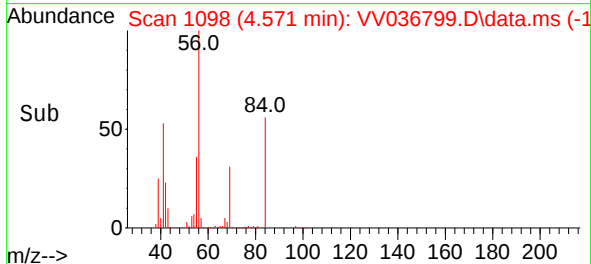
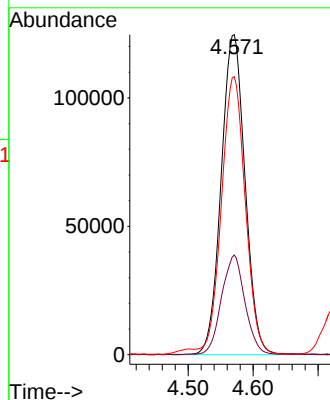
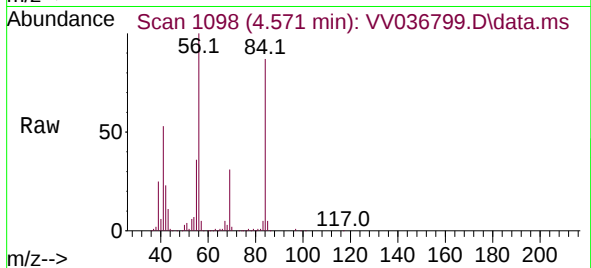
Tgt Ion: 56 Resp: 317659

Ion Ratio Lower Upper

56 100

69 30.4 24.7 37.1

84 86.4 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 50.806 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

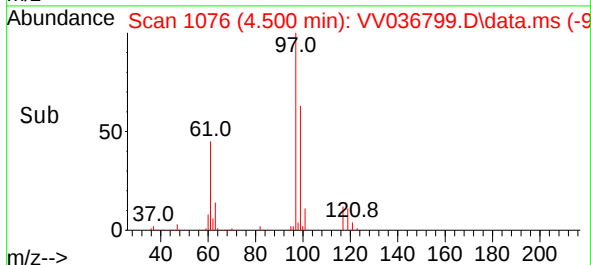
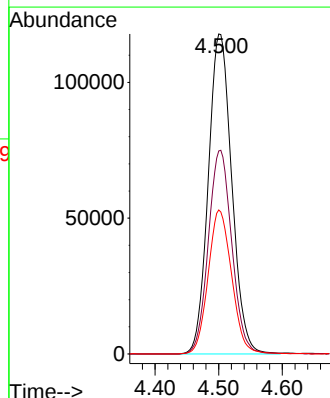
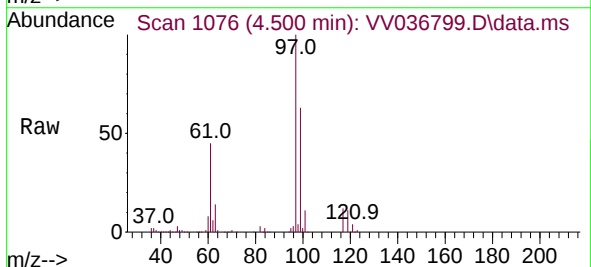
Tgt Ion: 97 Resp: 302306

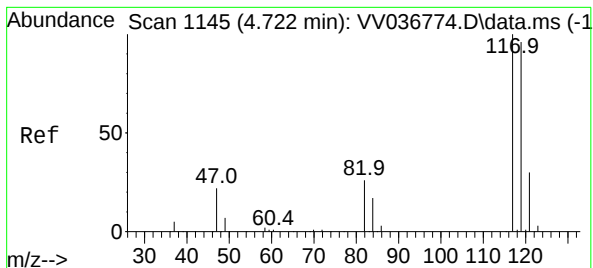
Ion Ratio Lower Upper

97 100

99 63.6 51.5 77.3

61 45.1 36.0 54.0





#31

Carbon tetrachloride

Concen: 51.069 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

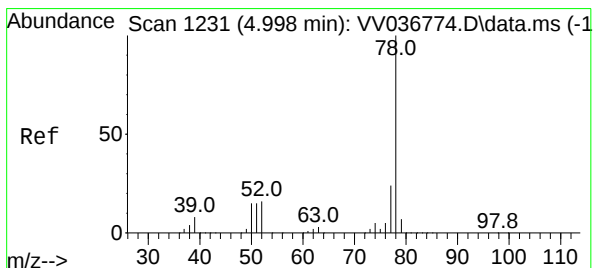
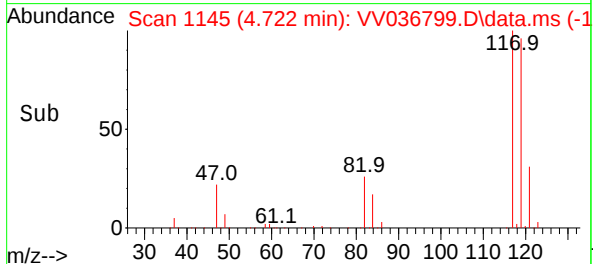
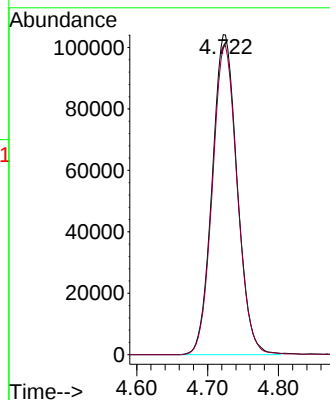
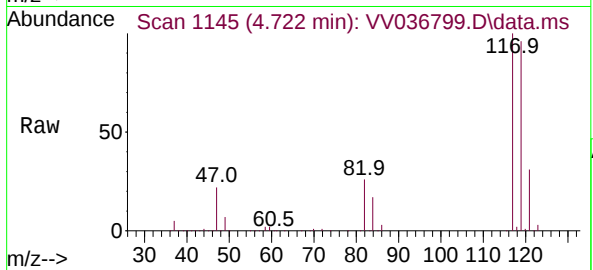
ClientSampleId :

Tgt Ion:117 Resp: 255200

Ion Ratio Lower Upper

117 100

119 96.4 76.1 114.1



#33

Benzene

Concen: 52.623 ug/L

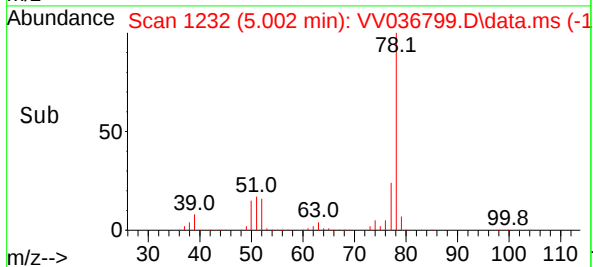
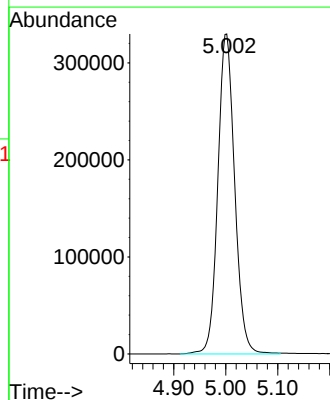
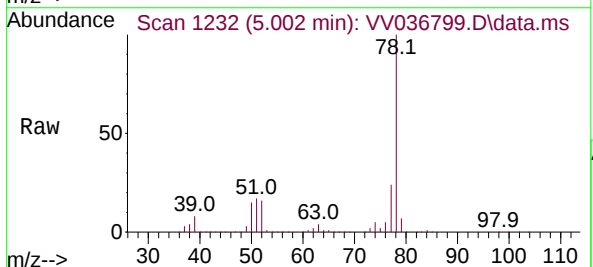
RT: 5.002 min Scan# 1232

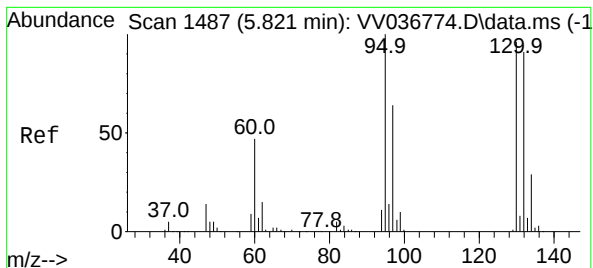
Delta R.T. 0.003 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Tgt Ion: 78 Resp: 743364





#34

Trichloroethene

Concen: 50.497 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 206734

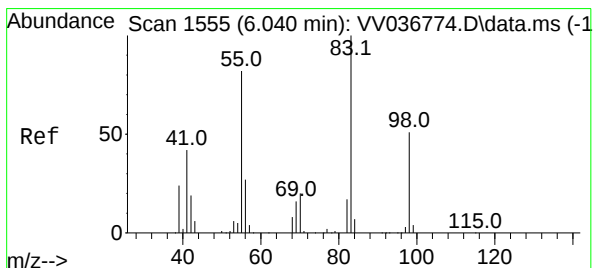
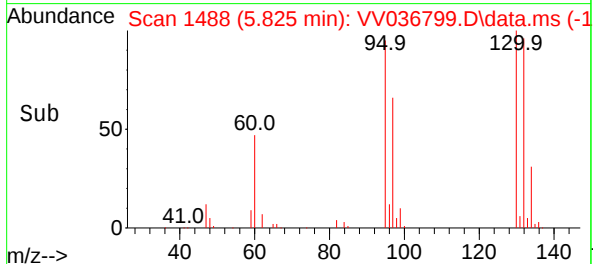
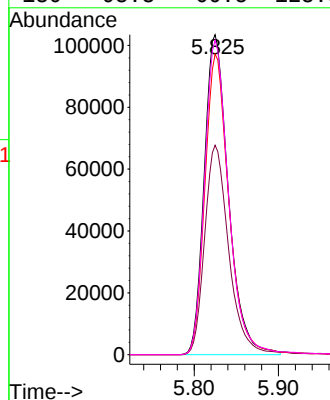
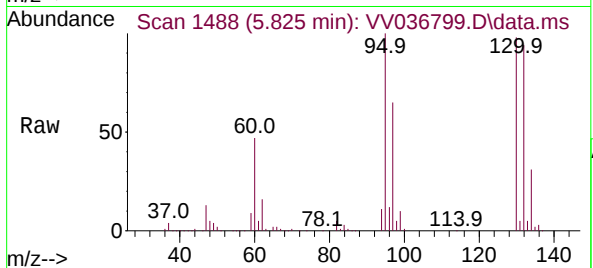
Ion Ratio Lower Upper

95 100

97 65.4 44.7 82.9

132 93.9 62.9 116.9

130 98.3 66.5 123.5



#35

Methylcyclohexane

Concen: 51.725 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

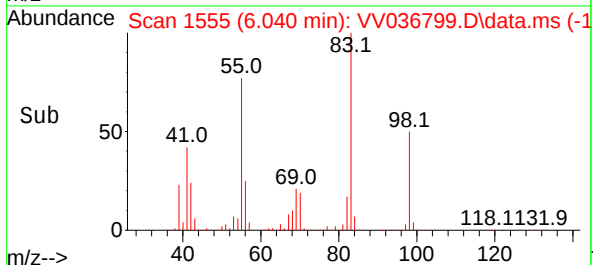
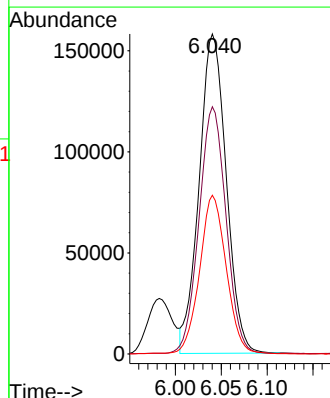
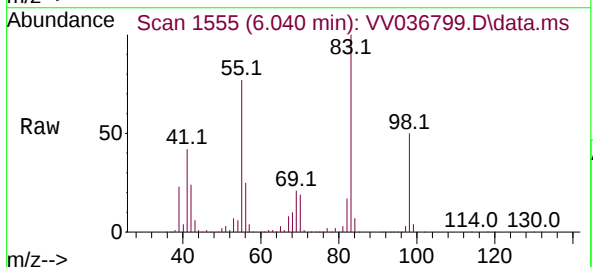
Tgt Ion: 83 Resp: 324946

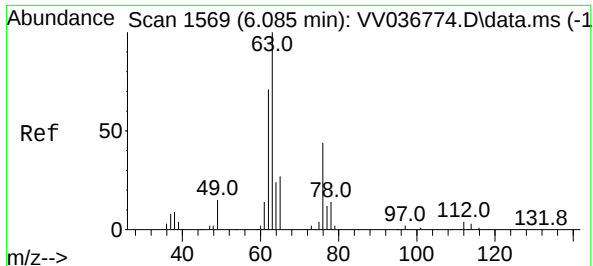
Ion Ratio Lower Upper

83 100

55 77.1 62.3 93.5

98 48.9 38.7 58.1

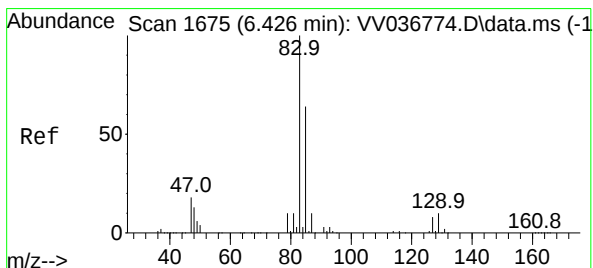
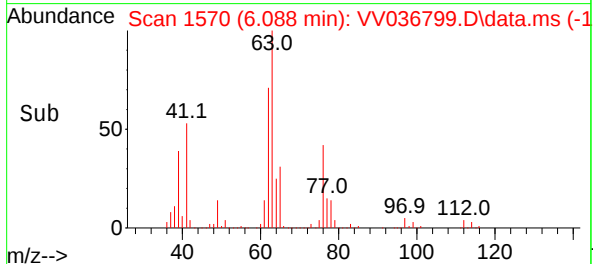
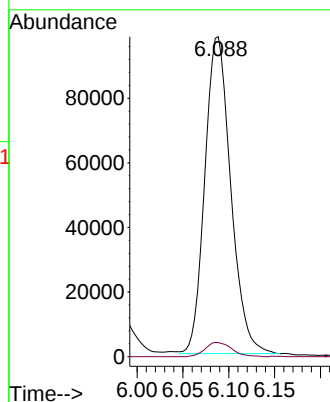
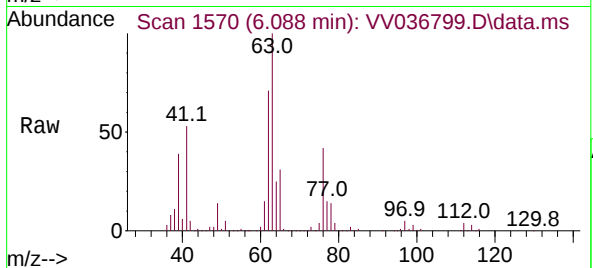




#37
1,2-Dichloropropane
Concen: 51.586 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

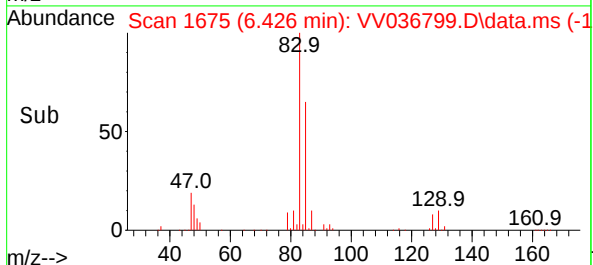
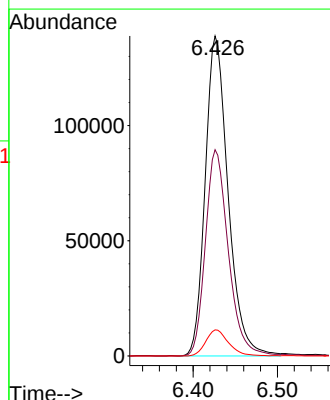
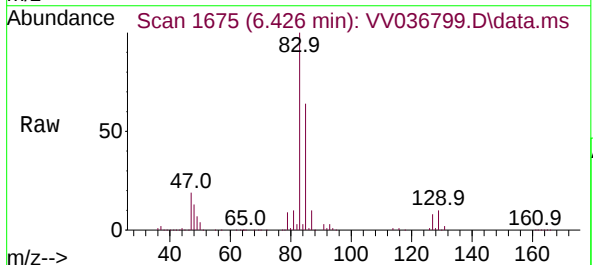
Instrument :
MSVOA_V
ClientSampleId :

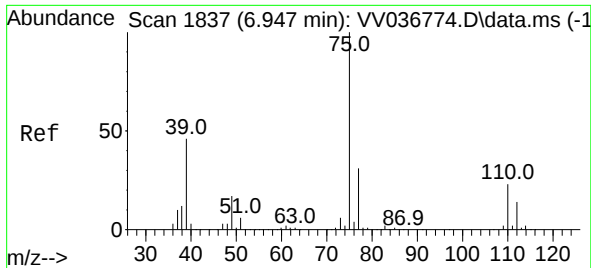
Tgt Ion: 63 Resp: 193041
Ion Ratio Lower Upper
63 100
112 4.6 3.6 5.4



#38
Bromodichloromethane
Concen: 51.080 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

Tgt Ion: 83 Resp: 263222
Ion Ratio Lower Upper
83 100
85 64.4 44.7 83.1
127 8.1 6.2 9.4

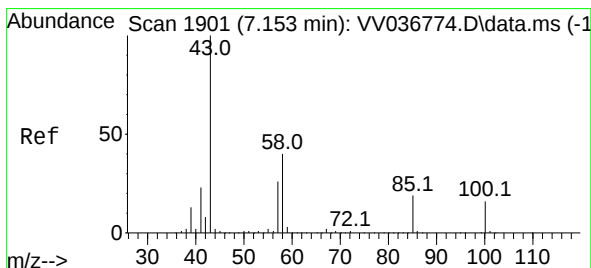
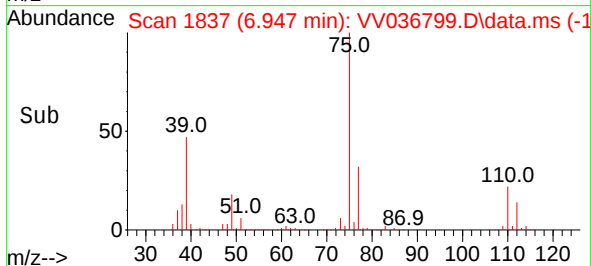
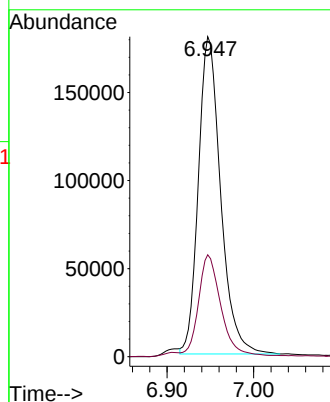
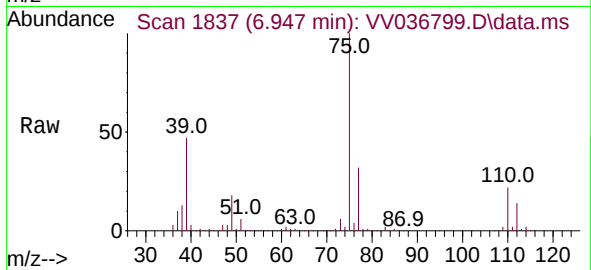




#39
cis-1,3-Dichloropropene
Concen: 50.232 ug/L
RT: 6.947 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

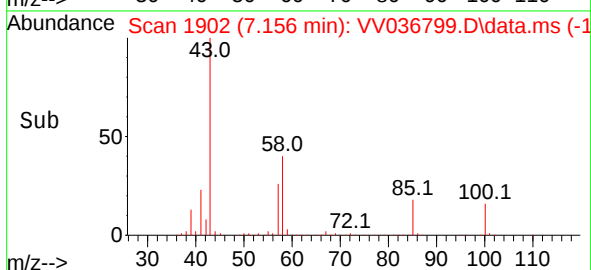
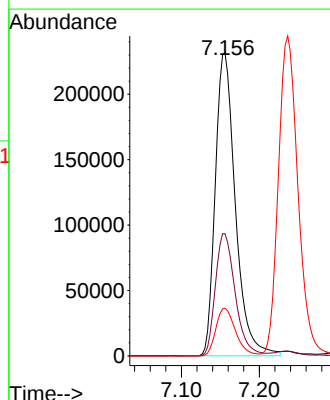
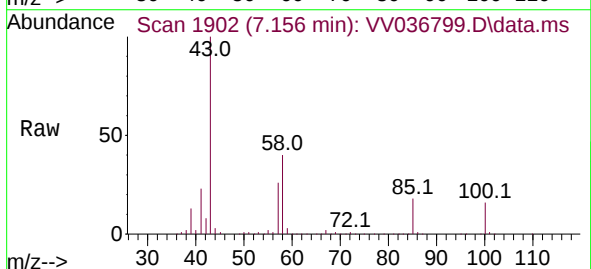
Instrument :
MSVOA_V
ClientSampleId :

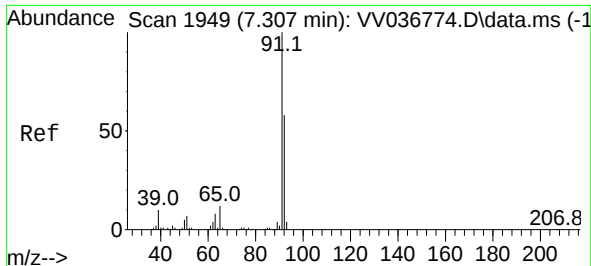
Tgt Ion: 75 Resp: 321933
Ion Ratio Lower Upper
75 100
77 31.9 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 89.468 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

Tgt Ion: 43 Resp: 414735
Ion Ratio Lower Upper
43 100
58 40.0 31.3 46.9
100 15.5 12.6 18.8





#42

Toluene

Concen: 52.051 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

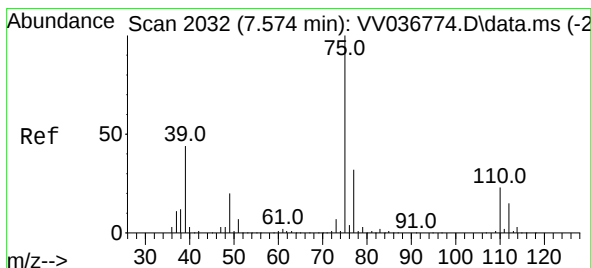
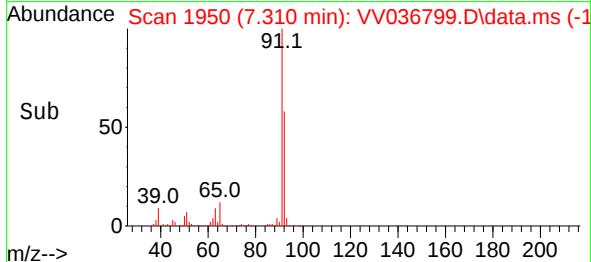
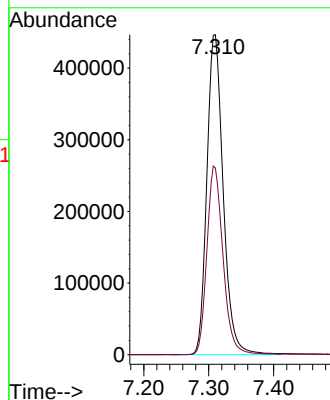
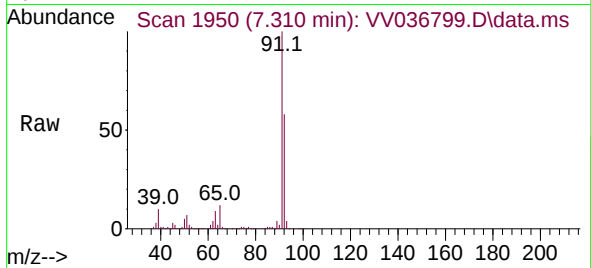
ClientSampleId :

Tgt Ion: 91 Resp: 783172

Ion Ratio Lower Upper

91 100

92 58.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.990 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV036799.D

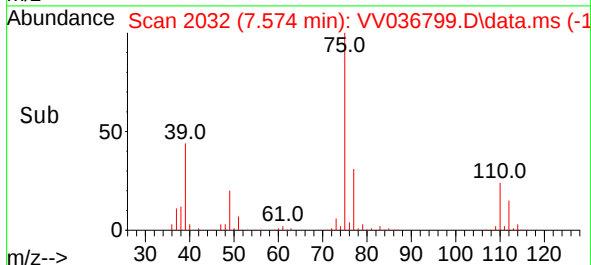
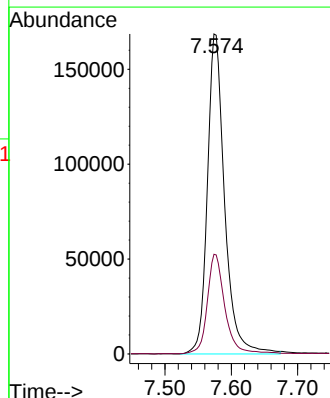
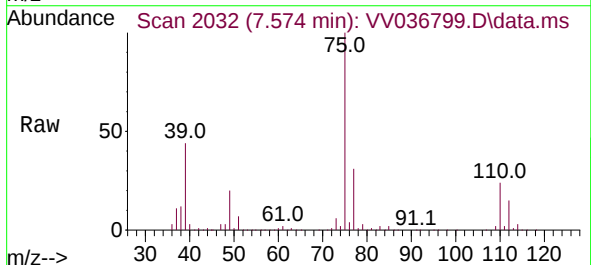
Acq: 06 Aug 2024 08:43

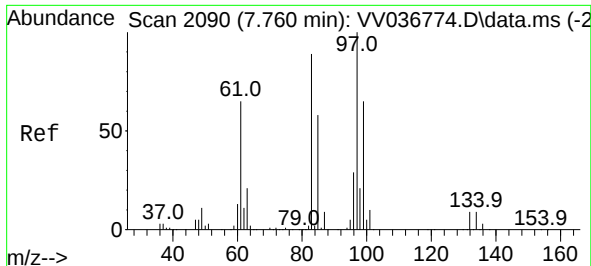
Tgt Ion: 75 Resp: 304516

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 49.789 ug/L

RT: 7.764 min Scan# 2090

Delta R.T. 0.003 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 180432

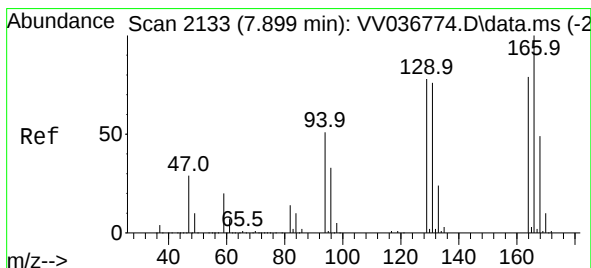
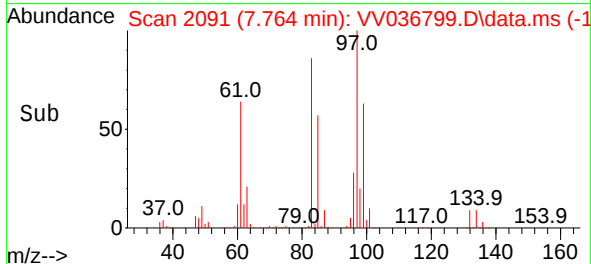
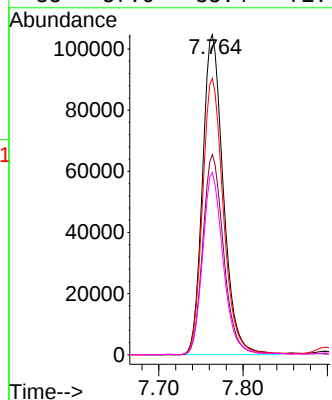
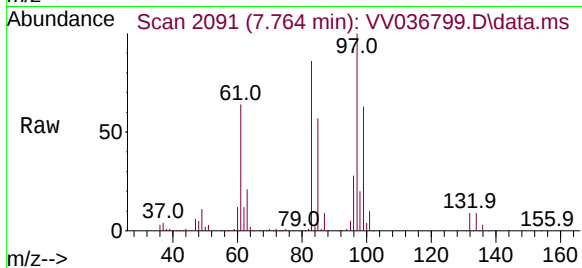
Ion Ratio Lower Upper

97 100

99 62.6 44.0 81.6

83 86.3 60.1 111.5

85 57.0 38.4 71.4



#46

Tetrachloroethene

Concen: 52.171 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Tgt Ion: 164 Resp: 140098

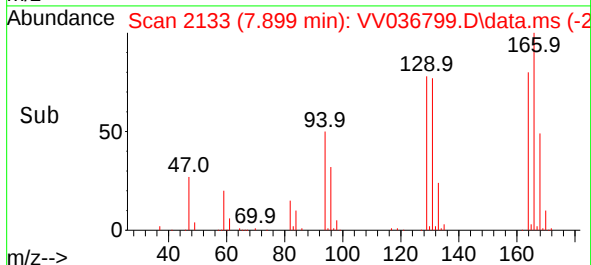
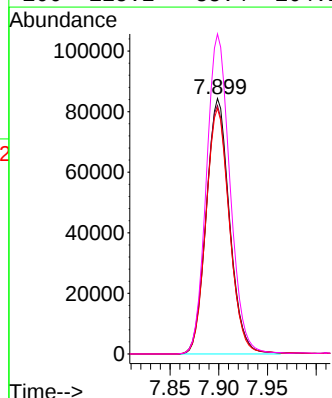
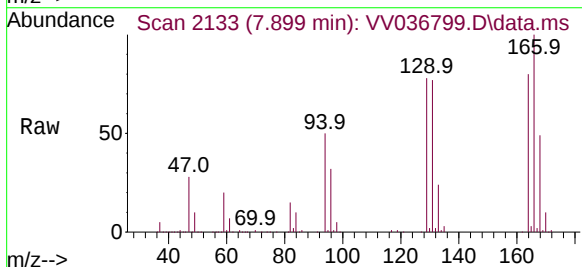
Ion Ratio Lower Upper

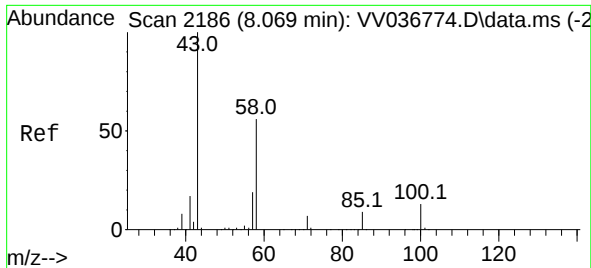
164 100

129 97.2 70.4 130.8

131 96.1 67.7 125.7

166 125.2 88.4 164.2

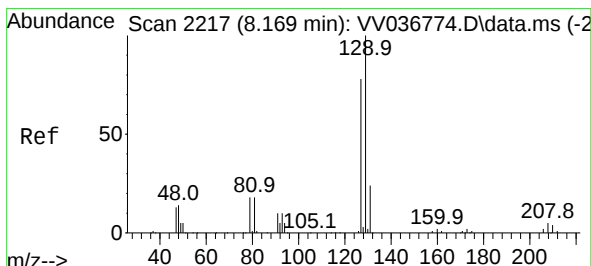
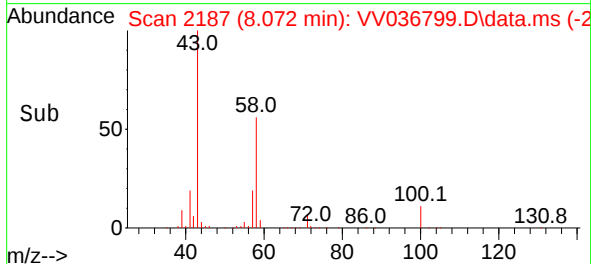
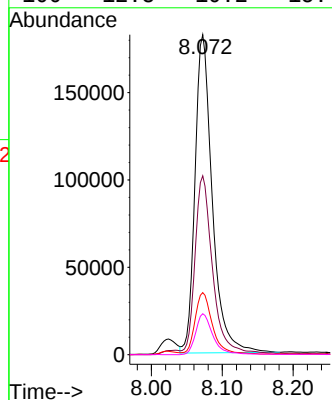
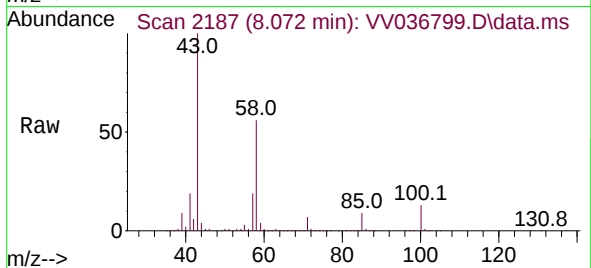




#48
2-Hexanone
Concen: 90.566 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

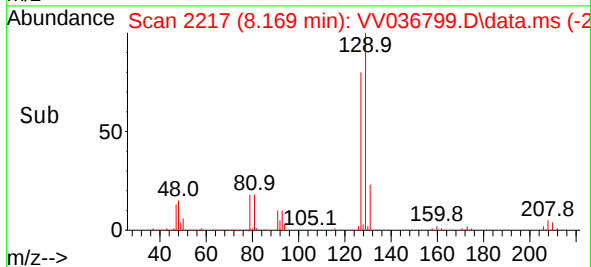
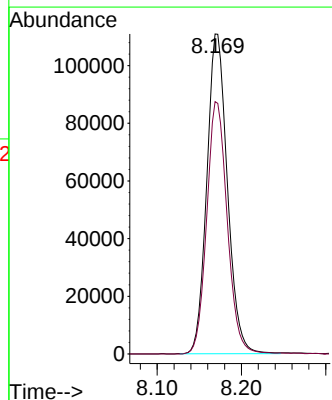
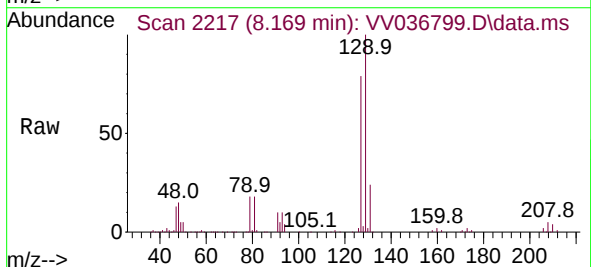
Instrument :
MSVOA_V
ClientSampleId :

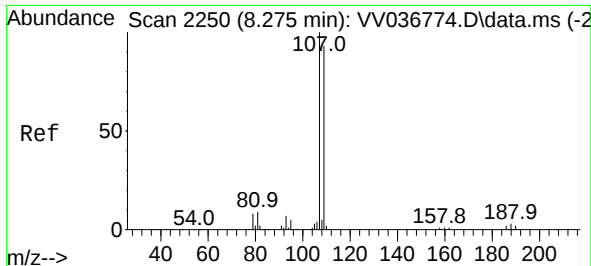
Tgt Ion: 43 Resp: 308856
Ion Ratio Lower Upper
43 100
58 56.0 44.7 67.1
57 19.6 15.0 22.4
100 12.8 10.2 15.4



#49
Dibromochloromethane
Concen: 50.599 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

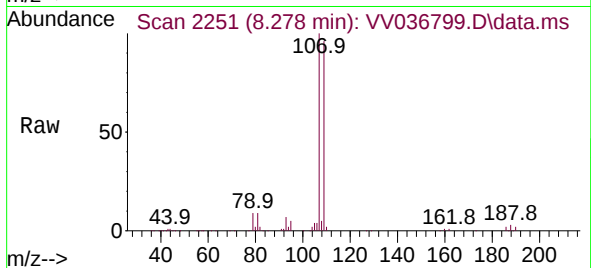
Tgt Ion: 129 Resp: 188436
Ion Ratio Lower Upper
129 100
127 78.8 55.4 102.8



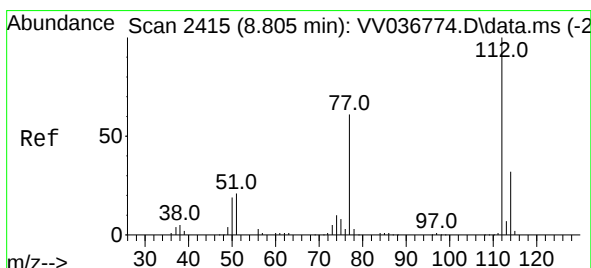
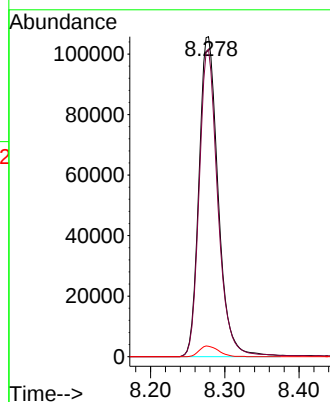
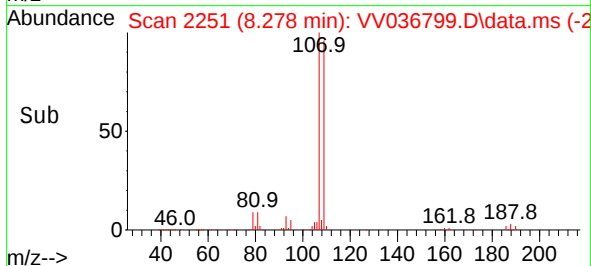


#50
1,2-Dibromoethane
Concen: 50.426 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

Instrument :
MSVOA_V
ClientSampleId :

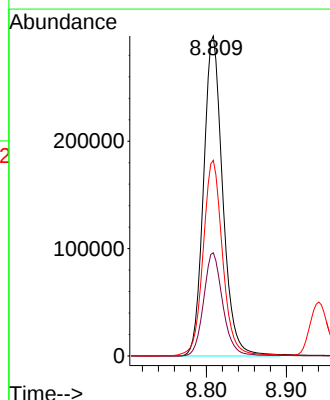
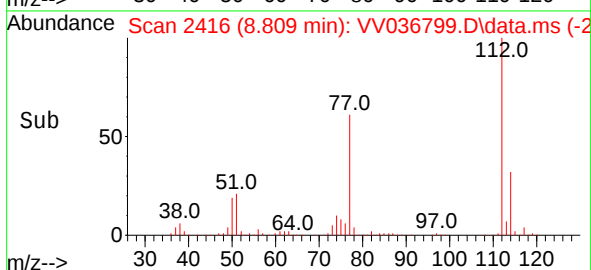
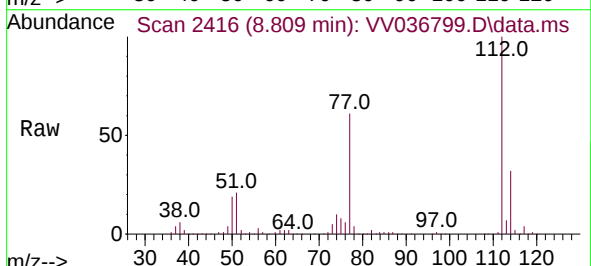


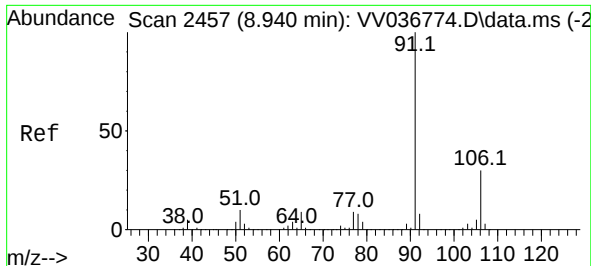
Tgt Ion:107 Resp: 189601
Ion Ratio Lower Upper
107 100
109 96.0 64.7 120.1
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 51.564 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

Tgt Ion:112 Resp: 497803
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 61.1 48.9 73.3





#52

Ethylbenzene

Concen: 52.060 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

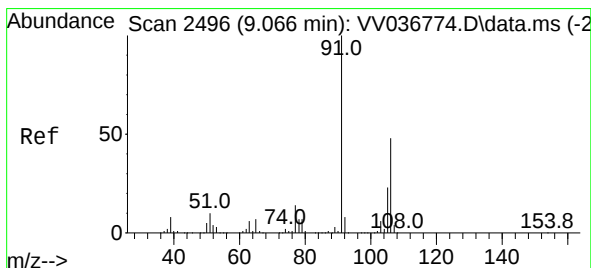
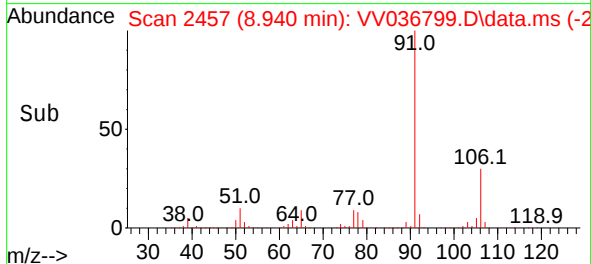
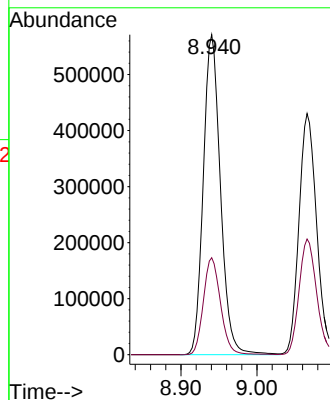
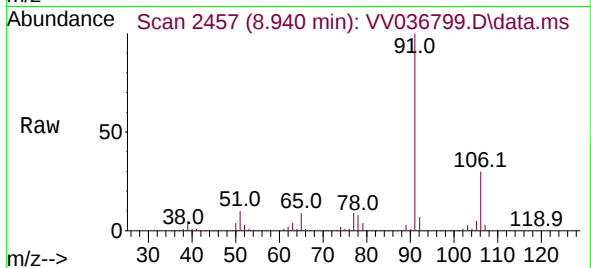
ClientSampleId :

Tgt Ion: 91 Resp: 894377

Ion Ratio Lower Upper

91 100

106 30.3 21.1 39.1



#53

m,p-Xylene

Concen: 51.912 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV036799.D

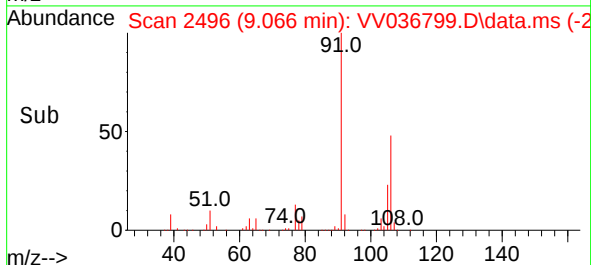
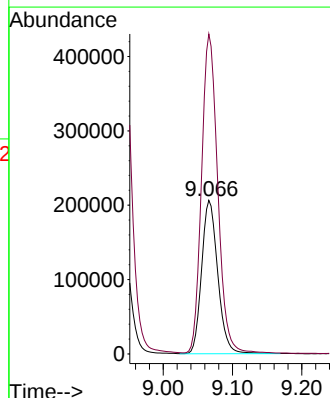
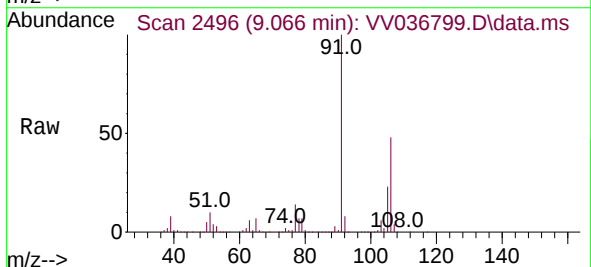
Acq: 06 Aug 2024 08:43

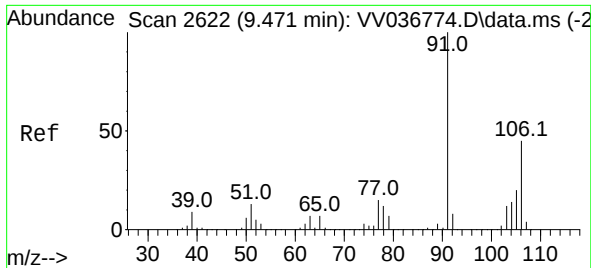
Tgt Ion: 106 Resp: 333366

Ion Ratio Lower Upper

106 100

91 208.4 147.1 273.3

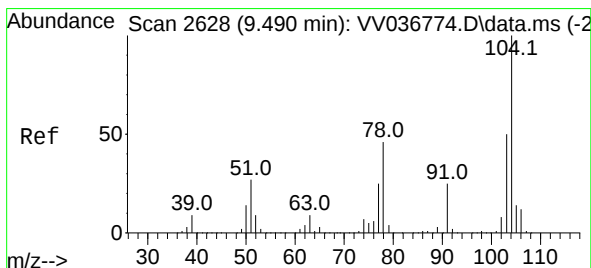
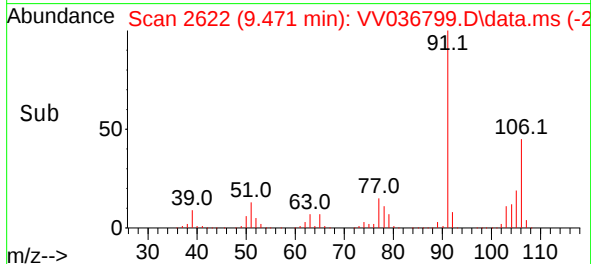
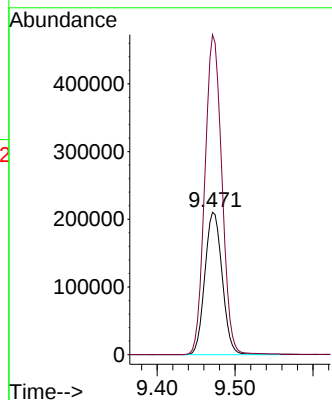
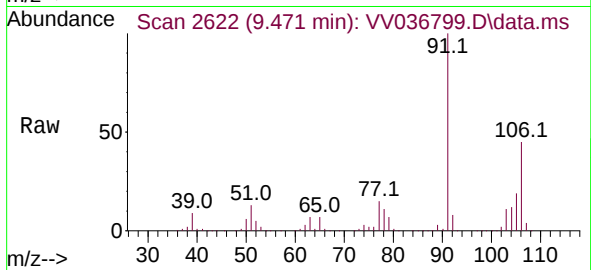




#54
o-Xylene
Concen: 51.816 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

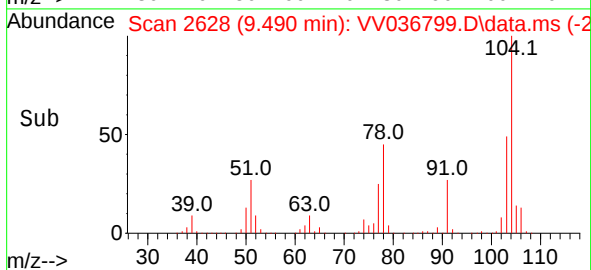
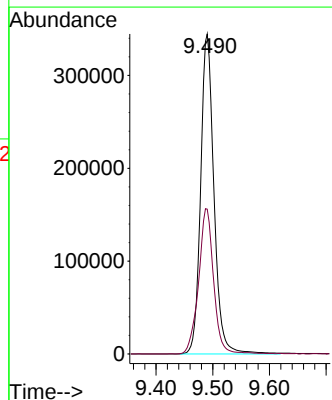
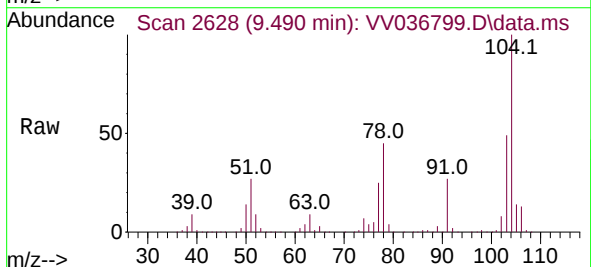
Instrument :
MSVOA_V
ClientSampleId :

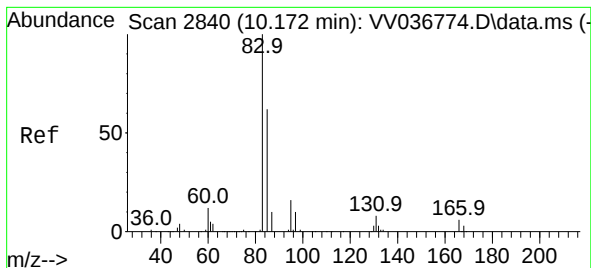
Tgt Ion:106 Resp: 325454
Ion Ratio Lower Upper
106 100
91 224.6 154.5 286.9



#55
Styrene
Concen: 52.349 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

Tgt Ion:104 Resp: 563463
Ion Ratio Lower Upper
104 100
78 45.2 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 49.096 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

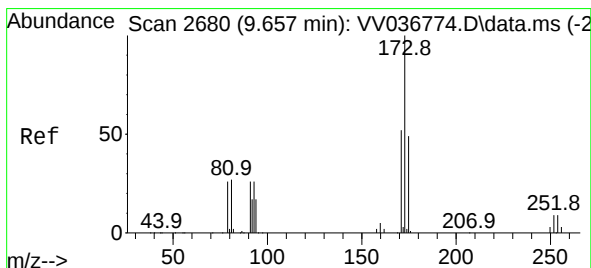
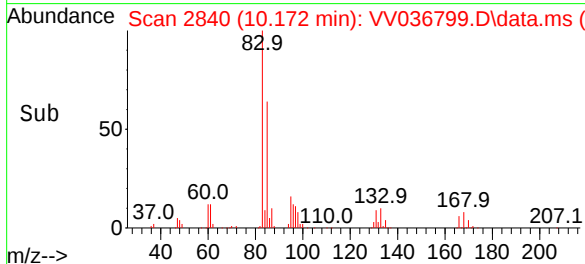
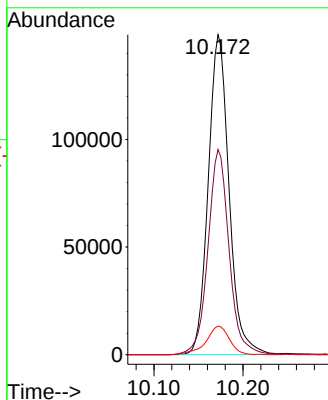
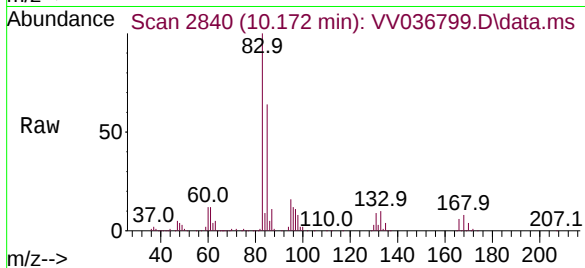
Tgt Ion: 83 Resp: 240075

Ion Ratio Lower Upper

83 100

85 64.1 44.7 83.1

131 8.9 7.2 10.8



#59

Bromoform

Concen: 48.905 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.003 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

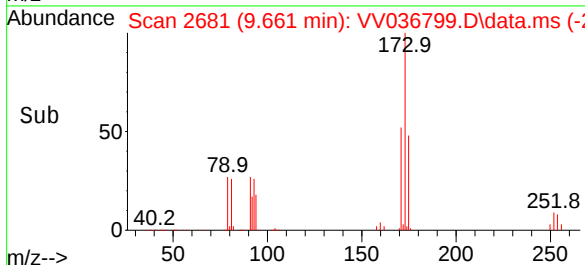
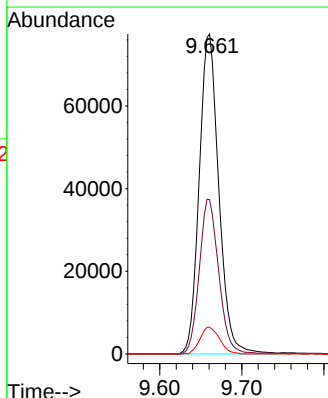
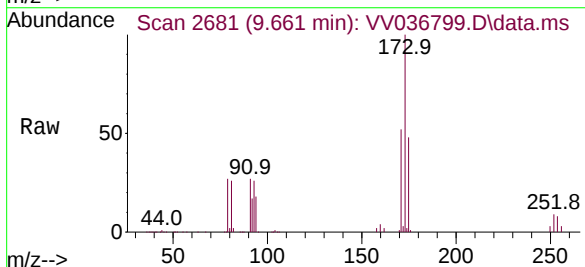
Tgt Ion: 173 Resp: 128162

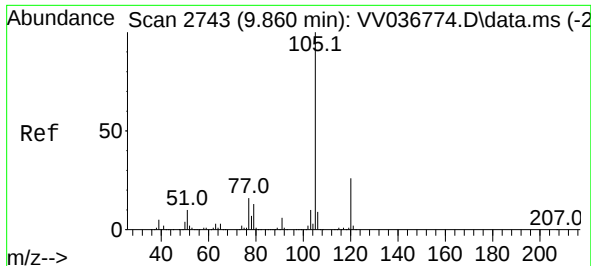
Ion Ratio Lower Upper

173 100

175 47.8 39.8 59.8

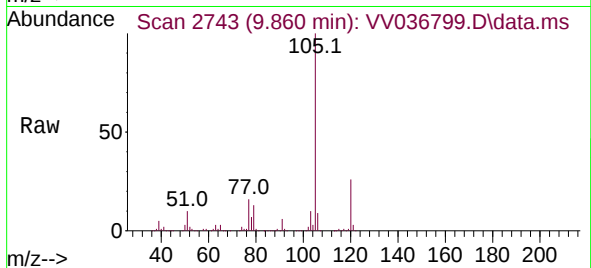
254 8.4 6.8 10.2



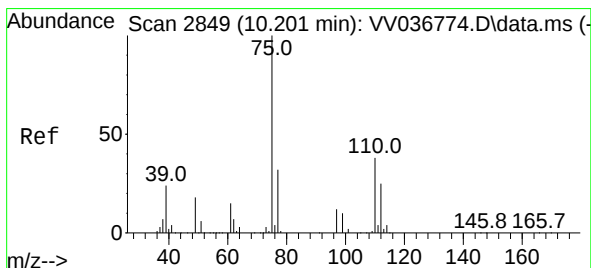
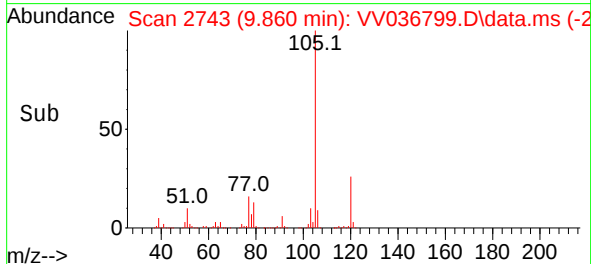
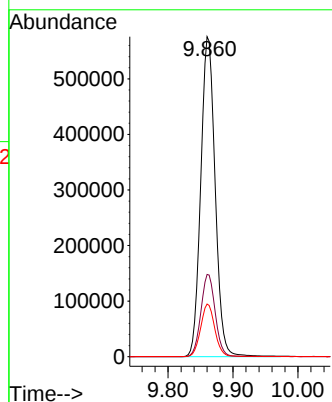


#60
Isopropylbenzene
Concen: 51.629 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

Instrument :
MSVOA_V
ClientSampleId :

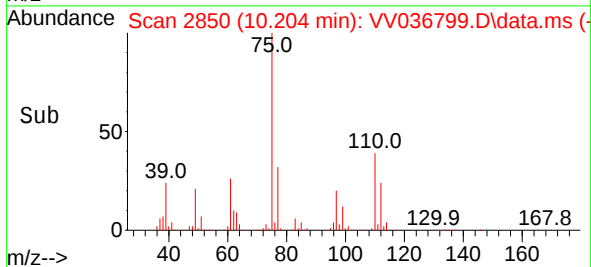
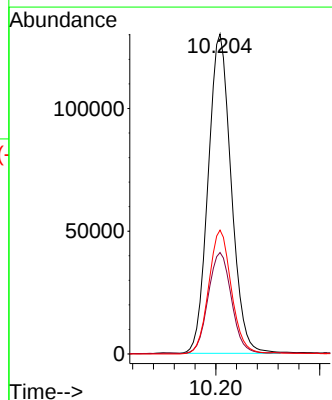
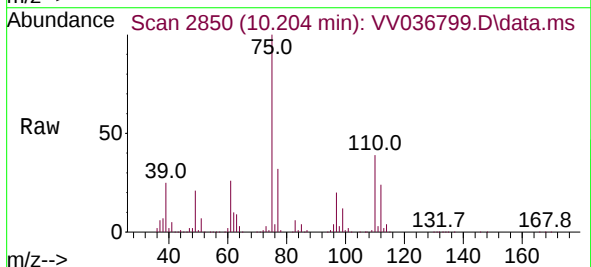


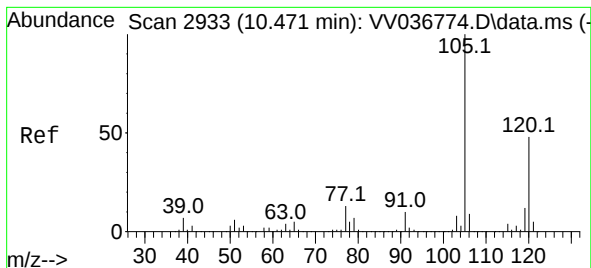
Tgt Ion:105 Resp: 890389
Ion Ratio Lower Upper
105 100
120 25.5 20.3 30.5
77 16.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 46.917 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV036799.D
Acq: 06 Aug 2024 08:43

Tgt Ion: 75 Resp: 200071
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 38.3 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 51.571 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

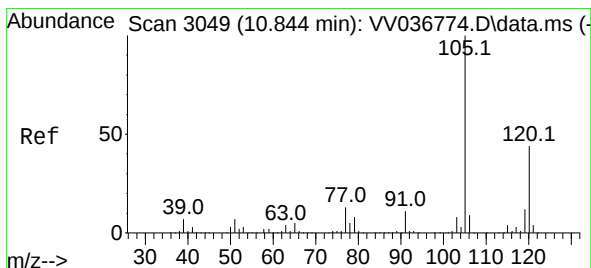
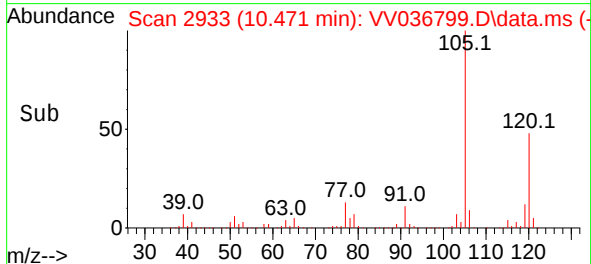
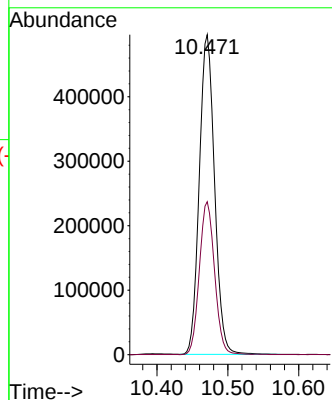
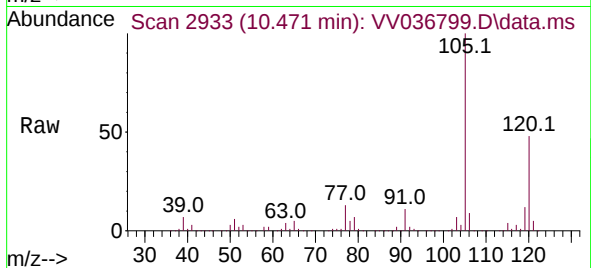
ClientSampleId :

Tgt Ion:105 Resp: 740454

Ion Ratio Lower Upper

105 100

120 47.7 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 51.628 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV036799.D

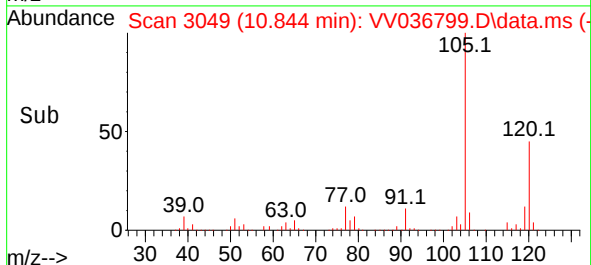
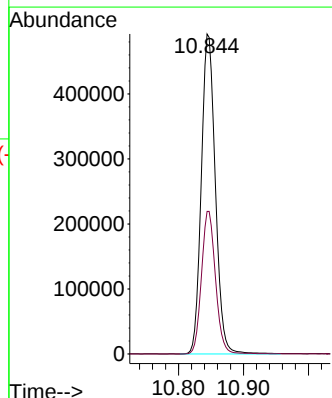
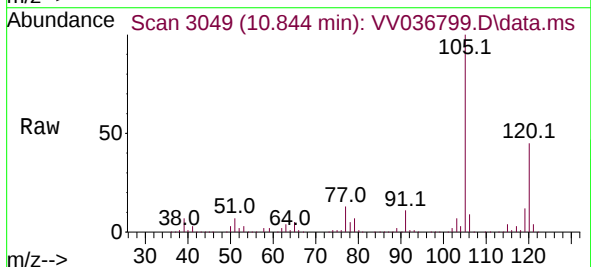
Acq: 06 Aug 2024 08:43

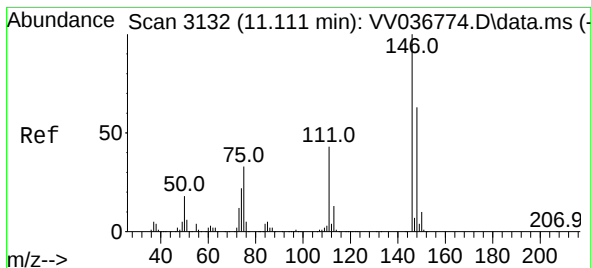
Tgt Ion:105 Resp: 742038

Ion Ratio Lower Upper

105 100

120 44.4 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 51.446 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

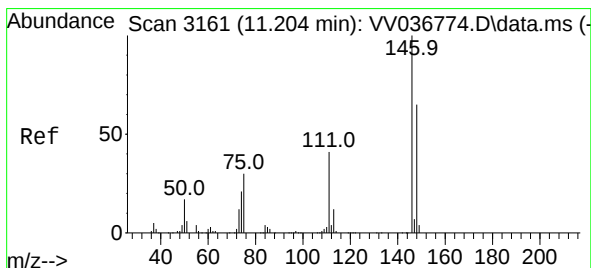
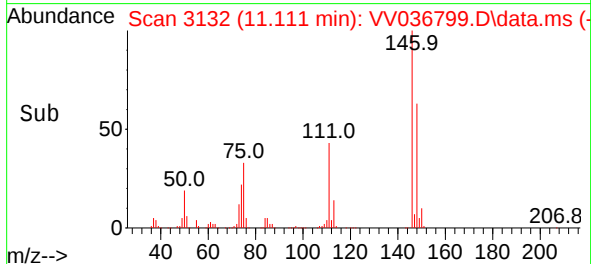
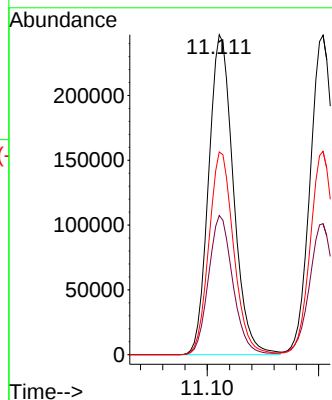
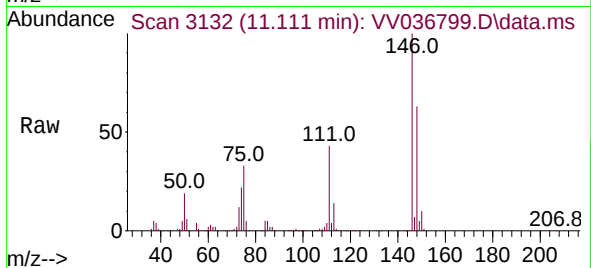
Tgt Ion:146 Resp: 381533

Ion Ratio Lower Upper

146 100

111 43.5 29.8 55.4

148 63.3 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 51.768 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

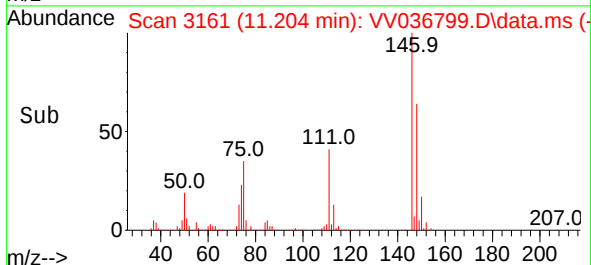
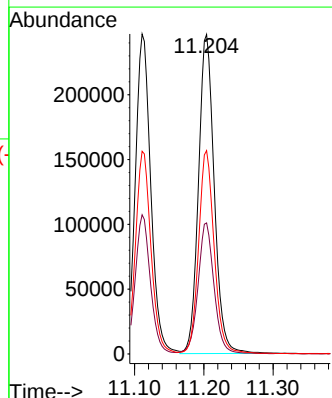
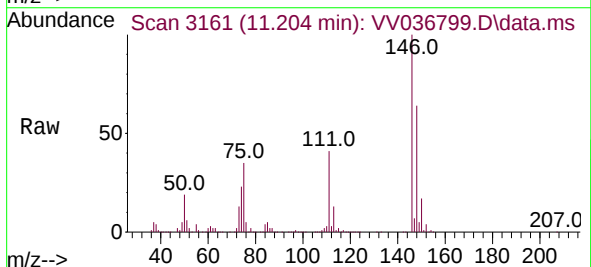
Tgt Ion:146 Resp: 390412

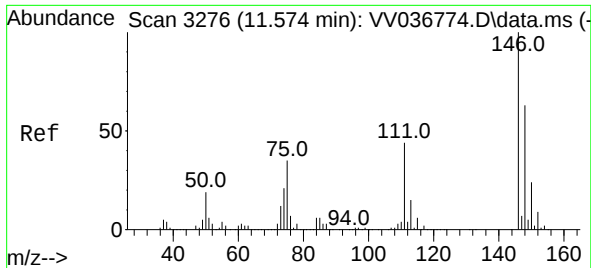
Ion Ratio Lower Upper

146 100

111 41.0 29.0 53.9

148 63.6 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 51.671 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

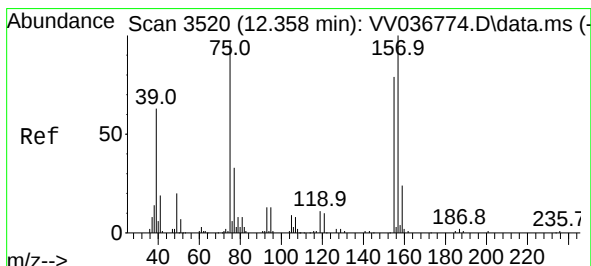
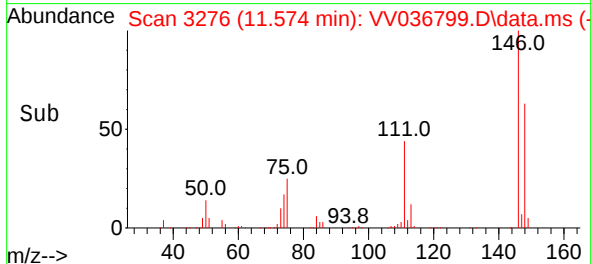
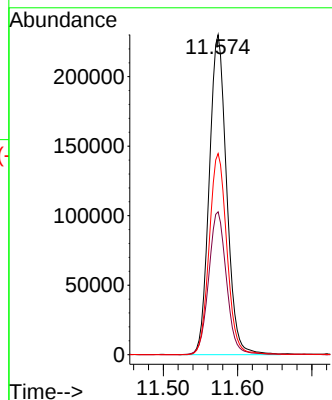
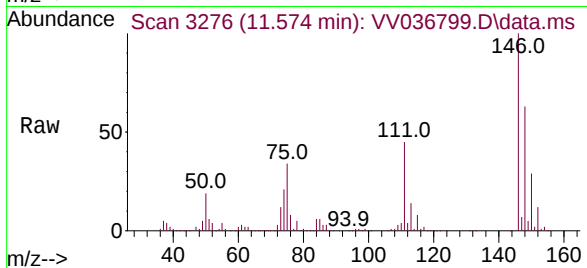
Tgt Ion:146 Resp: 374252

Ion Ratio Lower Upper

146 100

111 44.6 35.7 53.5

148 62.9 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 43.832 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

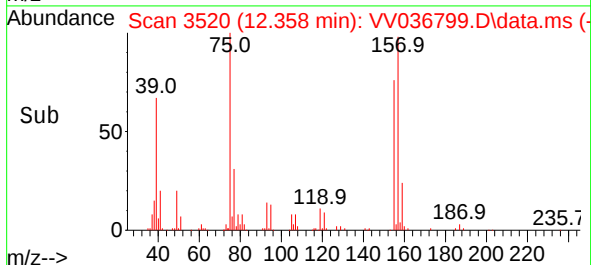
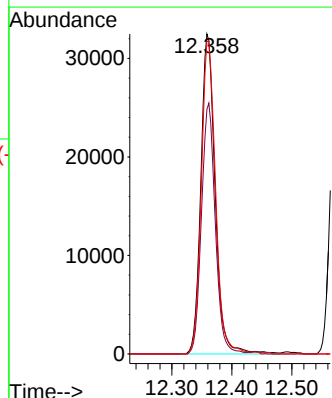
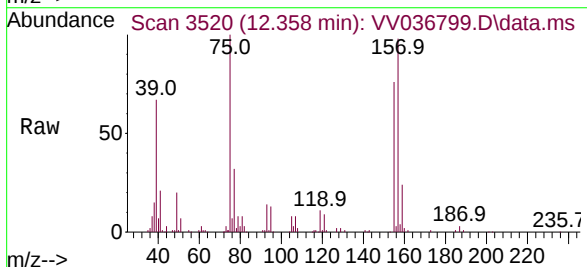
Tgt Ion: 75 Resp: 54014

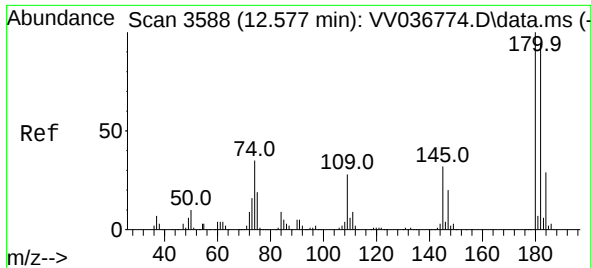
Ion Ratio Lower Upper

75 100

155 76.4 59.5 89.3

157 97.8 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 51.760 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

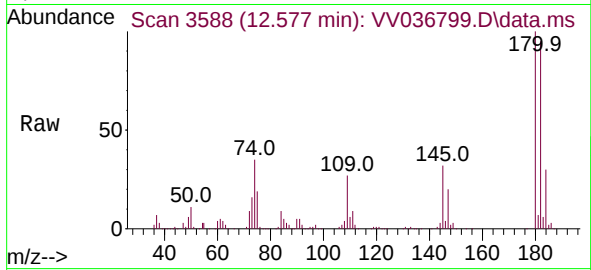
Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 272412

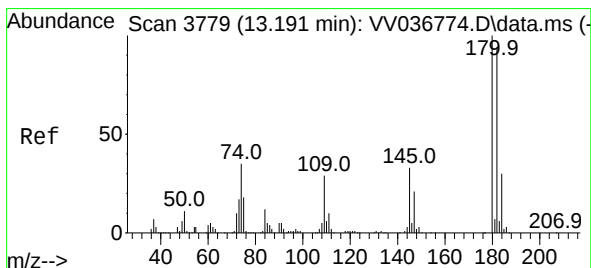
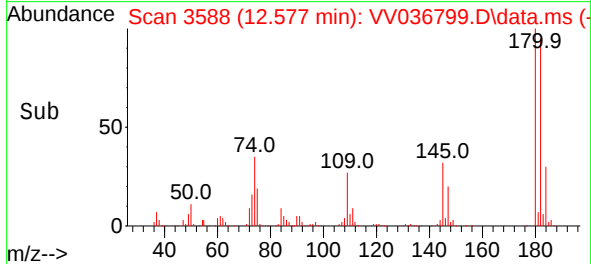
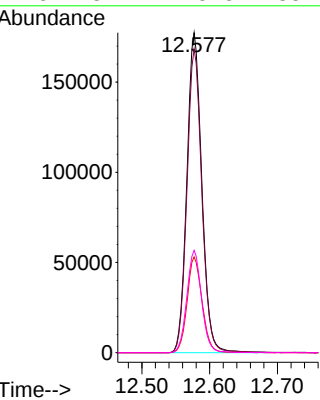
Ion Ratio Lower Upper

180 100

182 94.2 75.0 112.6

184 29.7 23.7 35.5

145 31.4 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 50.631 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

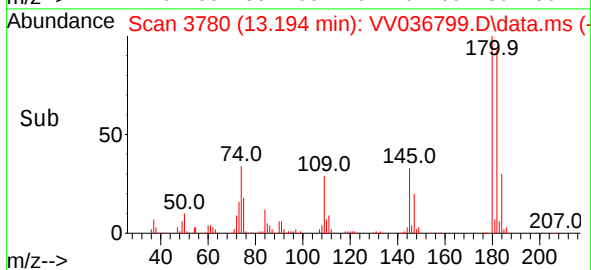
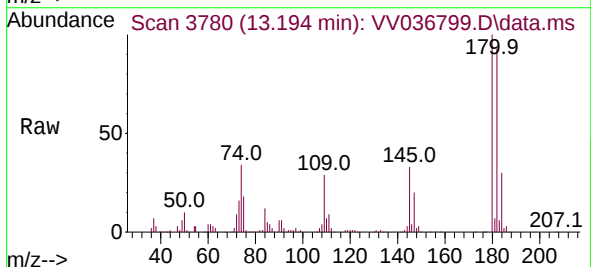
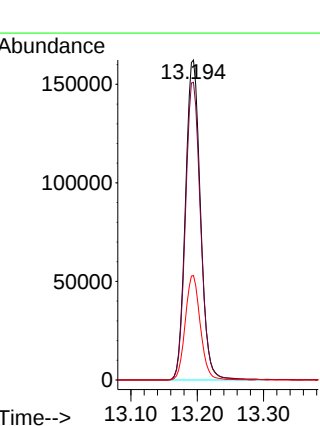
Tgt Ion:180 Resp: 255567

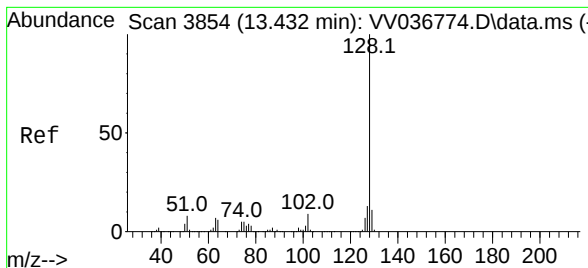
Ion Ratio Lower Upper

180 100

182 93.7 75.1 112.7

145 32.7 26.5 39.7





#71

Naphthalene

Concen: 44.599 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

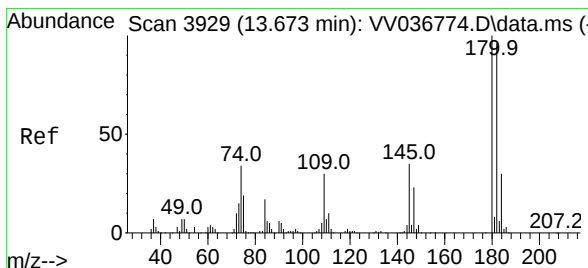
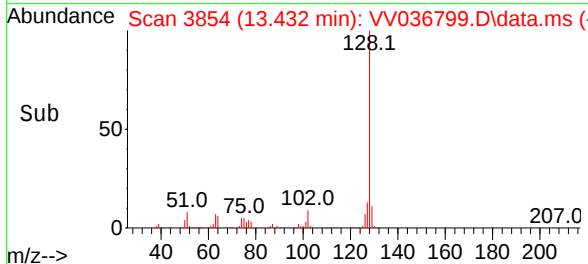
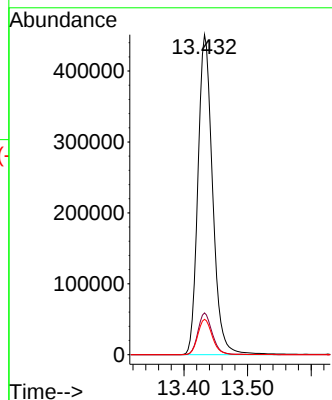
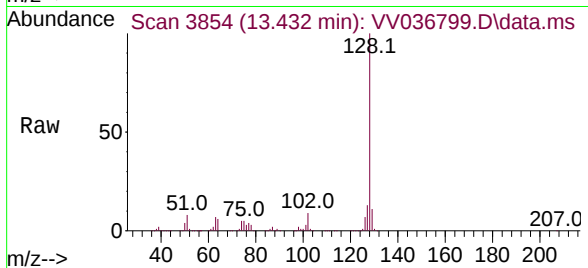
Tgt Ion:128 Resp: 721906

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 49.019 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV036799.D

Acq: 06 Aug 2024 08:43

Tgt Ion:180 Resp: 242203

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

145 34.0 27.8 41.6

