

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081524\
 Data File : VV036936.D
 Acq On : 15 Aug 2024 08:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 02:12:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:10:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	694950	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	664003	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	336724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	246399	44.391	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.780%
7) Chloroethane-d5	1.532	69	199711	45.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.240%
11) 1,1-Dichloroethene-d2	2.056	65	106797	44.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.960%
21) 2-Butanone-d5	3.789	46	239130	81.311	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.310%
24) Chloroform-d	4.243	84	475367	47.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.440%
26) 1,2-Dichloroethane-d4	4.934	65	289656	45.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.460%
32) Benzene-d6	4.950	84	907968	45.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
36) 1,2-Dichloropropane-d6	5.982	67	298504	46.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.280%
41) Toluene-d8	7.236	98	813520	44.220	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.440%
43) trans-1,3-Dichloroprop...	7.548	79	140075	41.599	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.200%
47) 2-Hexanone-d5	8.024	63	145111	78.002	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.000%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	339644	45.718	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.440%
66) 1,2-Dichlorobenzene-d4	11.554	152	309575	45.117	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	286474	51.699	ug/L	99
3) Chloromethane	1.217	50	299471	51.642	ug/L	100
5) Vinyl chloride	1.282	62	305606	51.317	ug/L	99
6) Bromomethane	1.487	94	190702	50.861	ug/L	99
8) Chloroethane	1.548	64	193511	52.459	ug/L	97
9) Trichlorofluoromethane	1.712	101	402143	51.553	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	240837	52.397	ug/L	98
12) 1,1-Dichloroethene	2.069	96	224580	51.158	ug/L	94
13) Acetone	2.111	43	232395	94.447	ug/L	97
14) Carbon disulfide	2.237	76	628602	45.585	ug/L	100
15) Methyl Acetate	2.372	43	222812	43.956	ug/L	99
16) Methylene chloride	2.442	84	258067	52.291	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	236902	52.098	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	771390	48.166	ug/L	100
19) 1,1-Dichloroethane	3.105	63	483315	52.609	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	277416	51.978	ug/L	95
22) 2-Butanone	3.870	43	277857	84.293	ug/L	98
23) Bromochloromethane	4.137	128	136587	52.684	ug/L	96
25) Chloroform	4.269	83	488151	51.734	ug/L	98

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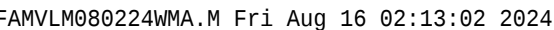
Instrument :
 MSVOA_V
 ClientSampleId :

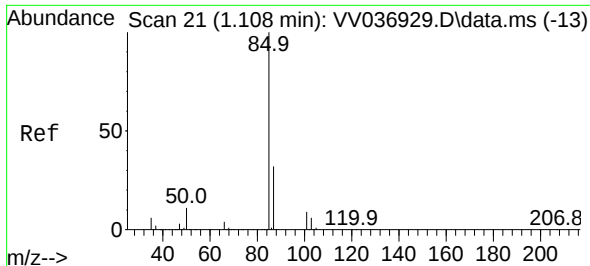
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 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:10:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	365055	49.047	ug/L	100
29) Cyclohexane	4.571	56	403580	47.703	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	409638	48.967	ug/L	100
31) Carbon tetrachloride	4.725	117	346818	49.365	ug/L	100
33) Benzene	5.002	78	1027143	51.718	ug/L	100
34) Trichloroethene	5.825	95	284609	49.447	ug/L	97
35) Methylcyclohexane	6.040	83	424939	48.112	ug/L	98
37) 1,2-Dichloropropane	6.085	63	274681	52.209	ug/L	100
38) Bromodichloromethane	6.426	83	358858	49.532	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	450267	49.972	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	547510	84.008	ug/L	99
42) Toluene	7.307	91	1072983	50.723	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	401793	47.854	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	254637	49.978	ug/L	99
46) Tetrachloroethene	7.899	164	190155	50.366	ug/L	99
48) 2-Hexanone	8.072	43	408196	85.136	ug/L	100
49) Dibromochloromethane	8.172	129	260569	49.767	ug/L	98
50) 1,2-Dibromoethane	8.275	107	262159	49.592	ug/L	99
51) Chlorobenzene	8.809	112	696837	51.340	ug/L	98
52) Ethylbenzene	8.940	91	1222040	50.594	ug/L	100
53) m,p-Xylene	9.066	106	455084	50.405	ug/L	97
54) o-Xylene	9.471	106	443133	50.182	ug/L	99
55) Styrene	9.490	104	776954	51.342	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	338644	49.258	ug/L	98
59) Bromoform	9.657	173	169033	45.376	ug/L	98
60) Isopropylbenzene	9.860	105	1209055	49.320	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	276820	45.668	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	999653	48.981	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	1004667	49.175	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	542155	51.429	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	550824	51.383	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	529311	51.411	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	66144	37.761	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	376581	50.338	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	351719	49.020	ug/L	99
71) Naphthalene	13.432	128	958560	41.661	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	339292	48.309	ug/L	100

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

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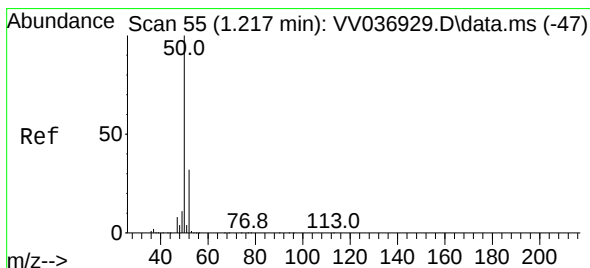
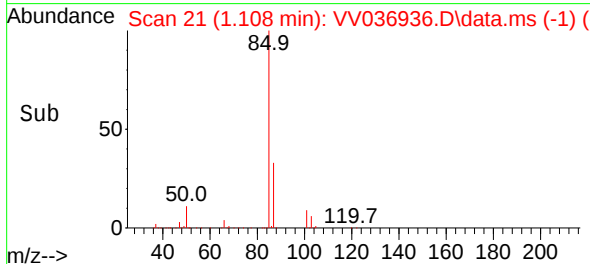
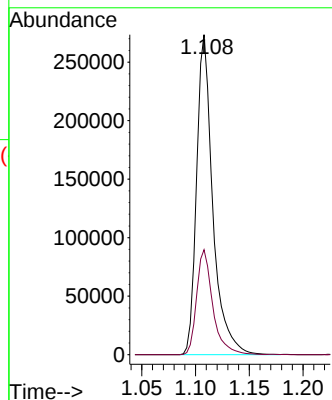
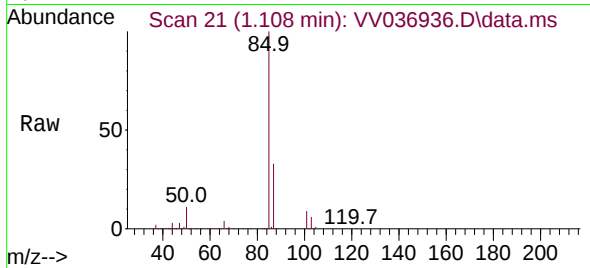




#2
Dichlorodifluoromethane
Concen: 51.699 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

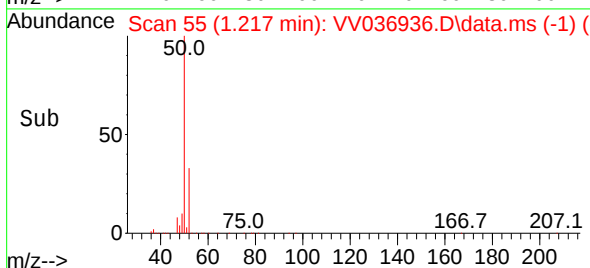
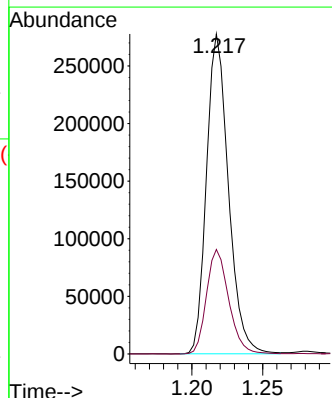
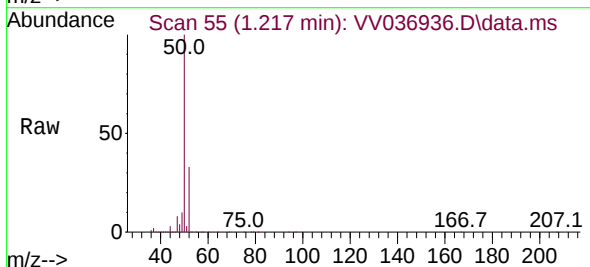
Instrument :
MSVOA_V
ClientSampleId :

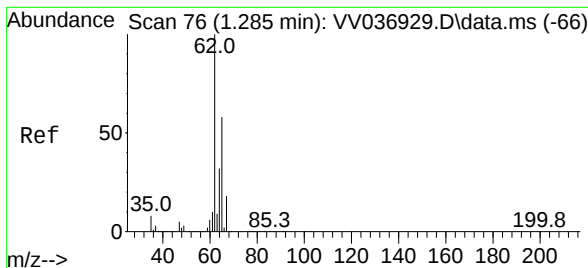
Tgt Ion: 85 Resp: 286474
Ion Ratio Lower Upper
85 100
87 32.8 25.9 38.9



#3
Chloromethane
Concen: 51.642 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Tgt Ion: 50 Resp: 299471
Ion Ratio Lower Upper
50 100
52 32.7 23.0 42.8





#5

Vinyl chloride

Concen: 51.317 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

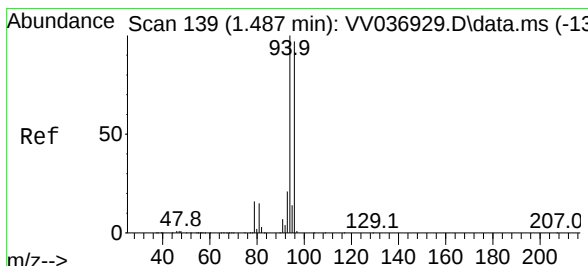
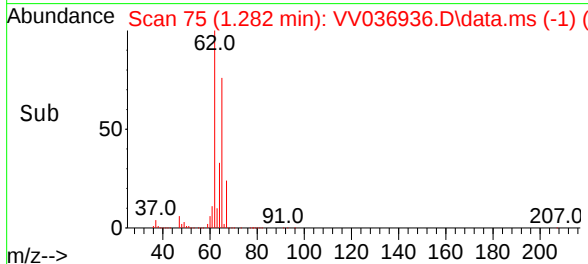
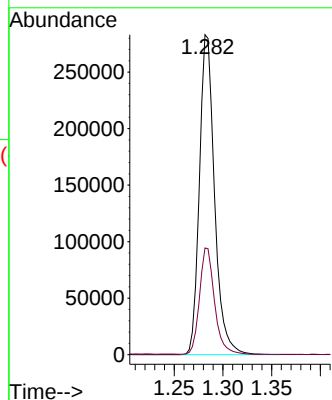
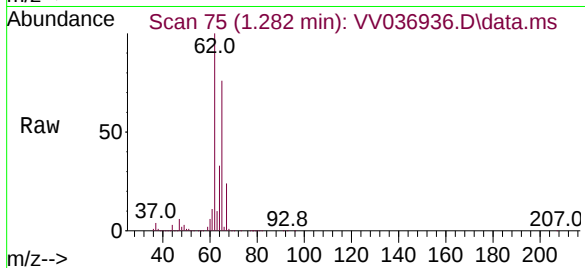
ClientSampleId :

Tgt Ion: 62 Resp: 305606

Ion Ratio Lower Upper

62 100

64 33.4 23.6 43.8



#6

Bromomethane

Concen: 50.861 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV036936.D

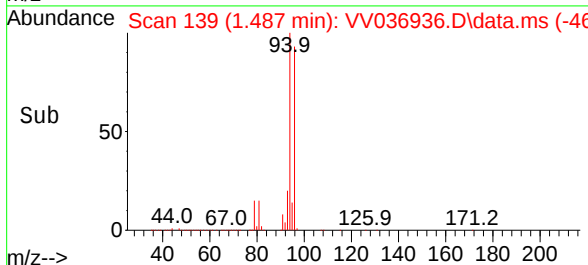
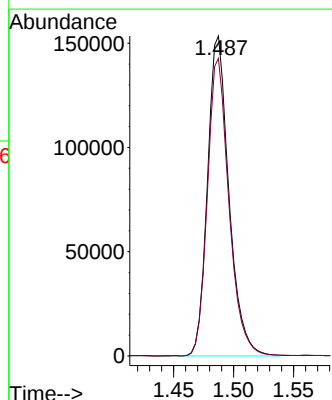
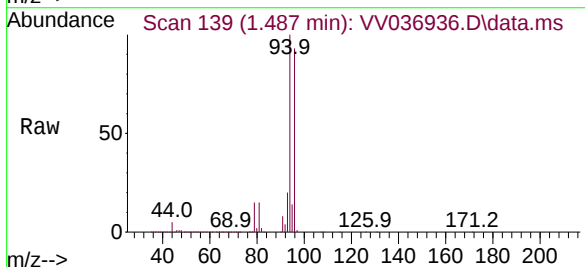
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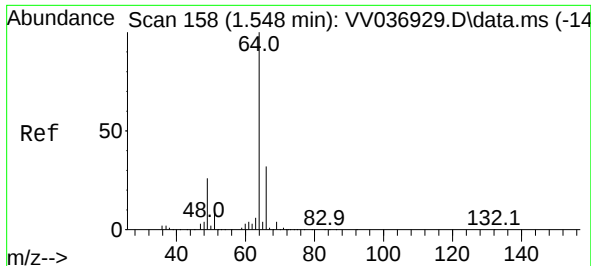
Tgt Ion: 94 Resp: 190702

Ion Ratio Lower Upper

94 100

96 93.0 65.5 121.7

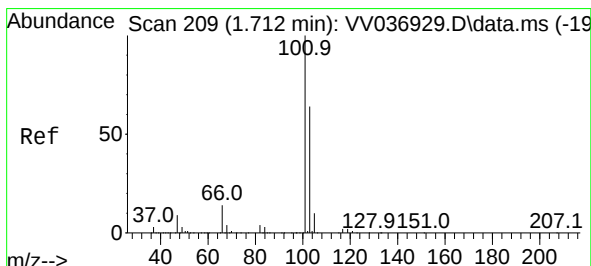
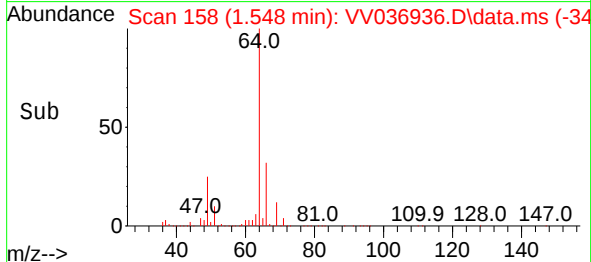
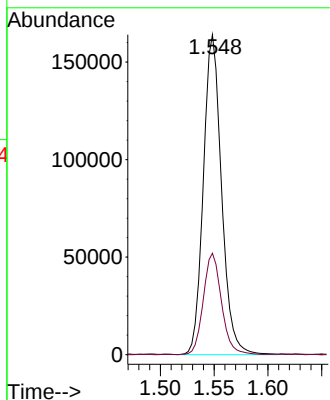
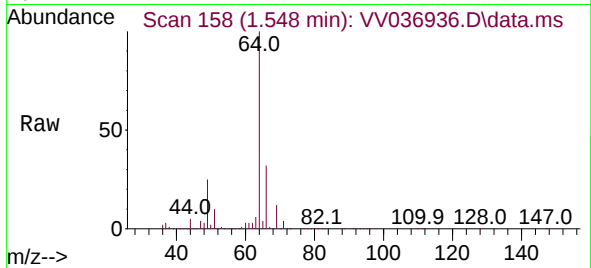




#8
Chloroethane
Concen: 52.459 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

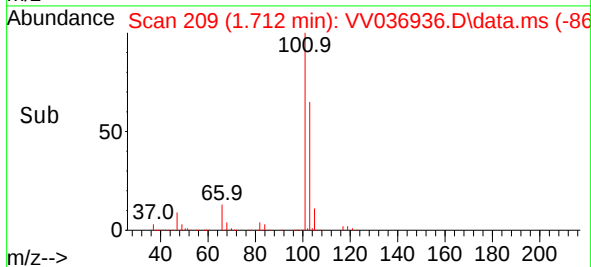
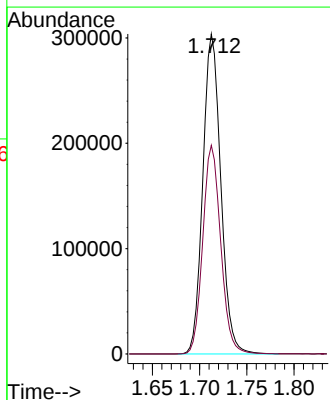
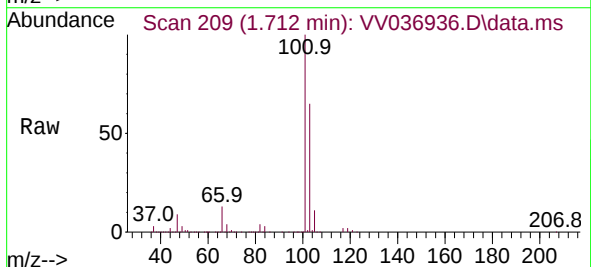
Instrument :
MSVOA_V
ClientSampleId :

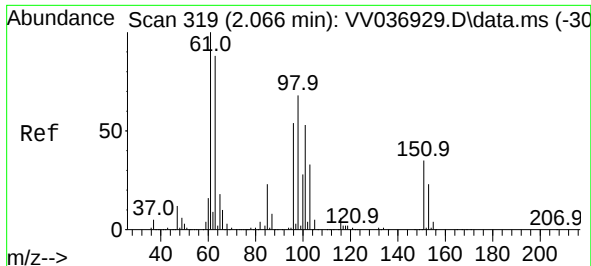
Tgt Ion: 64 Resp: 193511
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.0



#9
Trichlorofluoromethane
Concen: 51.553 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

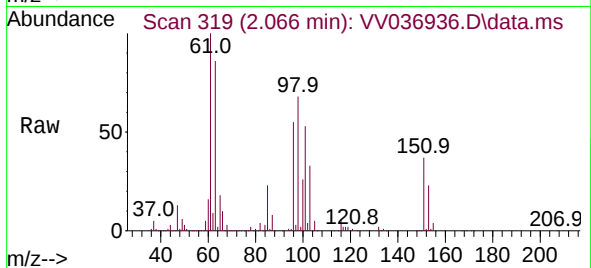
Tgt Ion:101 Resp: 402143
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0



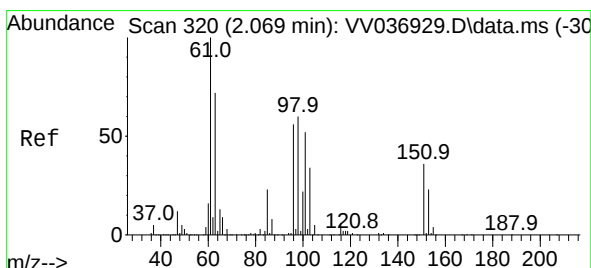
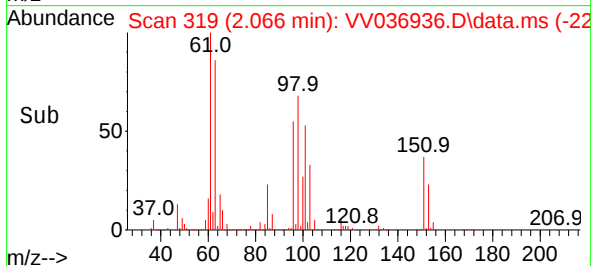
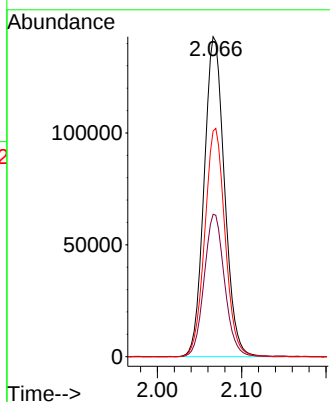


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.397 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV036936.D
 Acq: 15 Aug 2024 08:31

Instrument :
 MSVOA_V
 ClientSampleId :

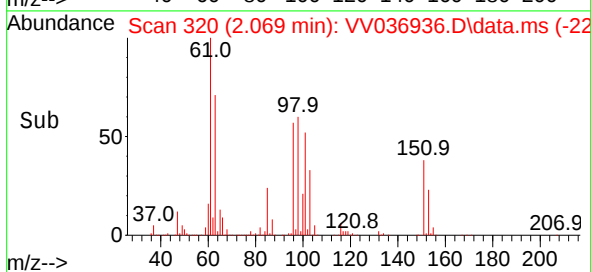
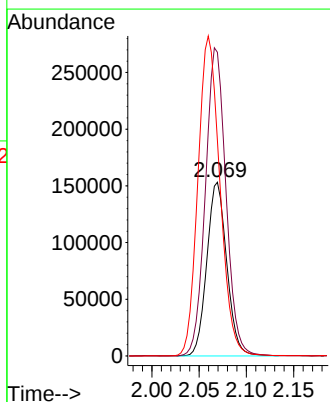
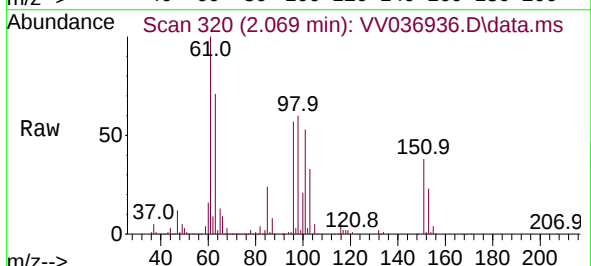


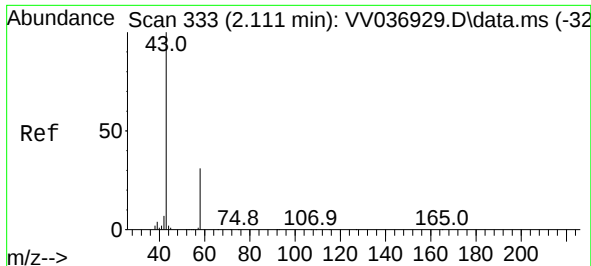
Tgt Ion:101 Resp: 240837
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.6 51.8
 151 71.1 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 51.158 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV036936.D
 Acq: 15 Aug 2024 08:31

Tgt Ion: 96 Resp: 224580
 Ion Ratio Lower Upper
 96 100
 61 174.9 125.6 233.2
 63 124.2 95.1 176.7





#13

Acetone

Concen: 94.447 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

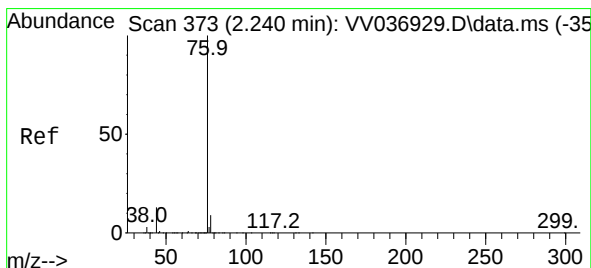
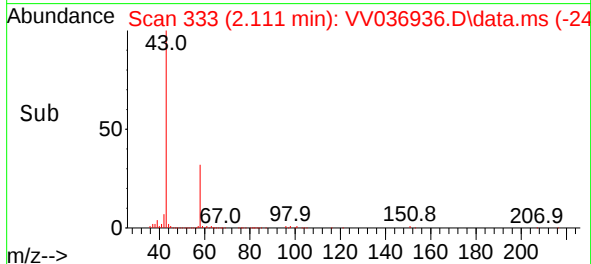
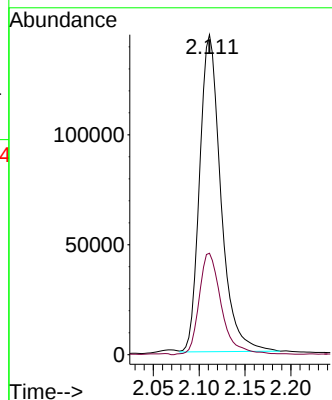
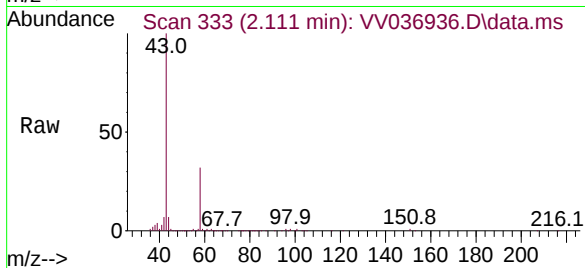
ClientSampleId :

Tgt Ion: 43 Resp: 232395

Ion Ratio Lower Upper

43 100

58 33.6 0.0 63.4



#14

Carbon disulfide

Concen: 45.585 ug/L

RT: 2.237 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV036936.D

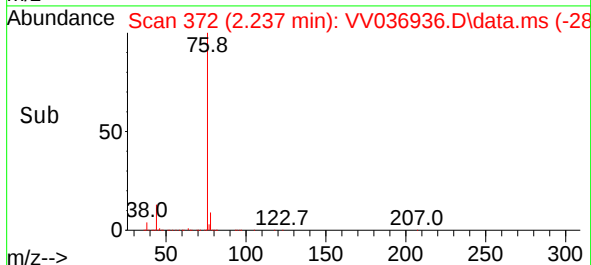
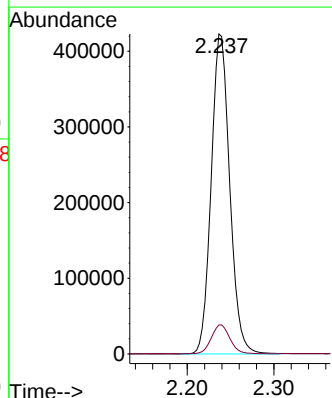
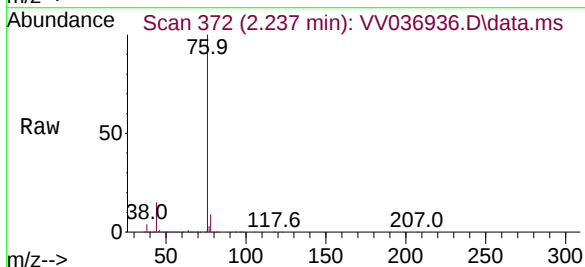
Acq: 15 Aug 2024 08:31

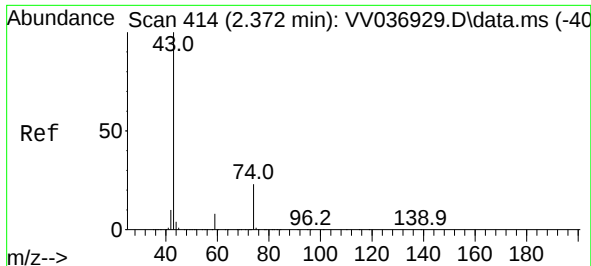
Tgt Ion: 76 Resp: 628602

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





#15

Methyl Acetate

Concen: 43.956 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

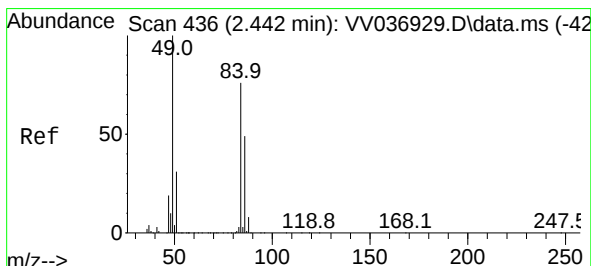
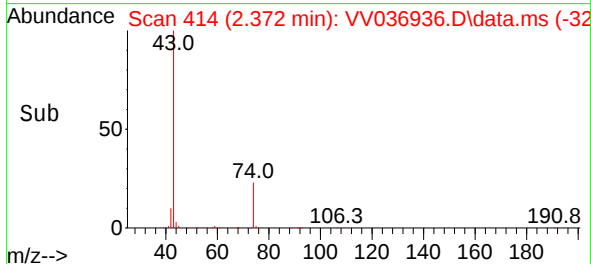
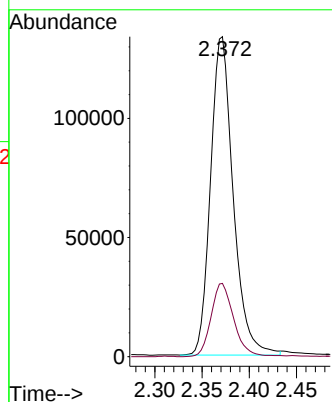
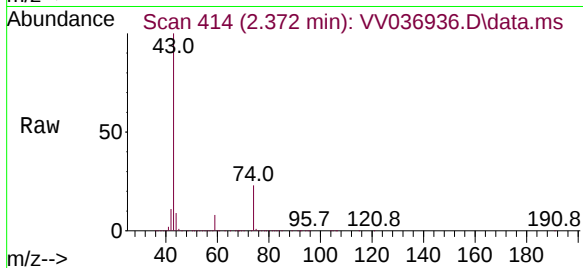
ClientSampleId :

Tgt Ion: 43 Resp: 222812

Ion Ratio Lower Upper

43 100

74 23.1 19.0 28.4



#16

Methylene chloride

Concen: 52.291 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

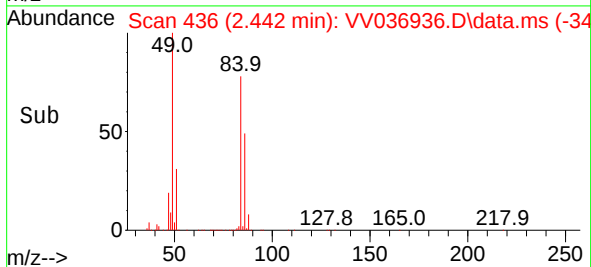
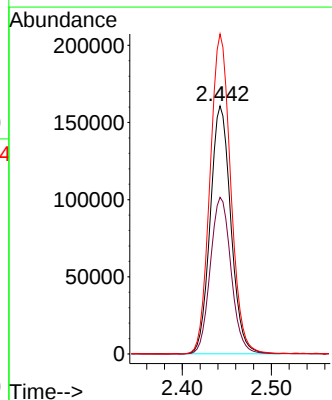
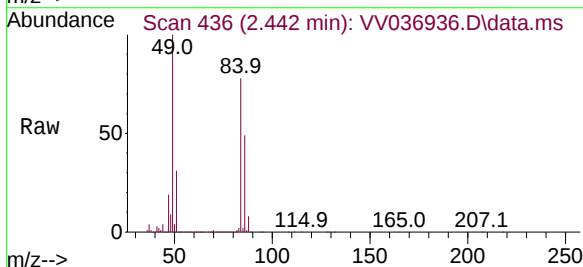
Tgt Ion: 84 Resp: 258067

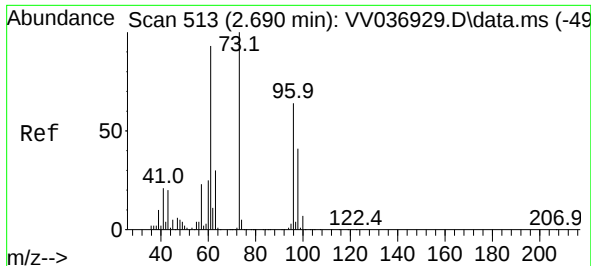
Ion Ratio Lower Upper

84 100

86 63.2 44.3 82.3

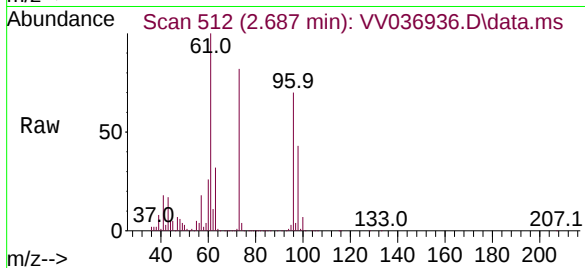
49 129.0 91.1 169.1



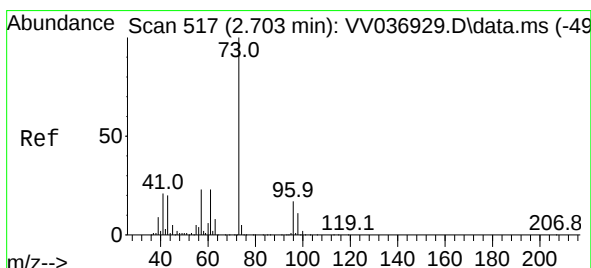
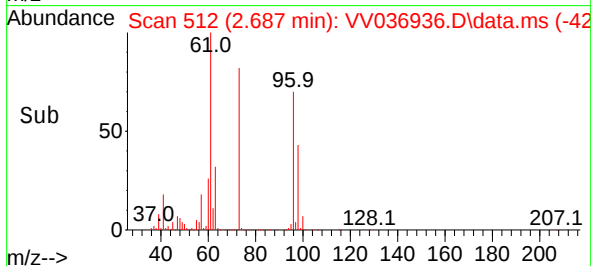
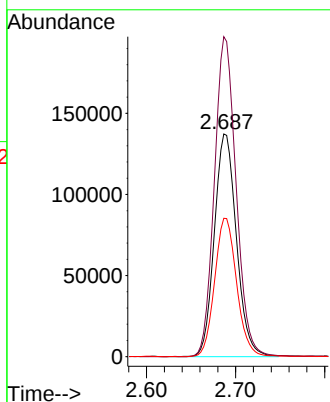


#17
trans-1,2-Dichloroethene
Concen: 52.098 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Instrument :
MSVOA_V
ClientSampleId :

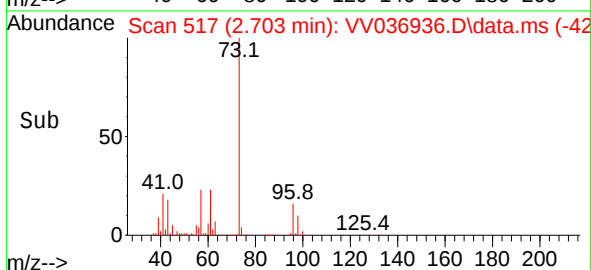
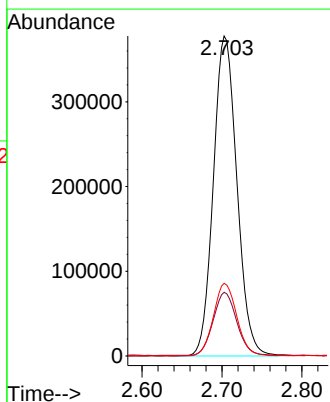
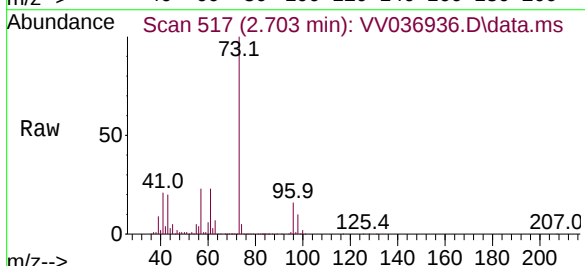


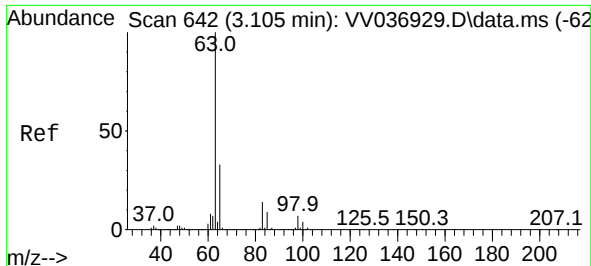
Tgt Ion: 96 Resp: 236902
Ion Ratio Lower Upper
96 100
61 143.7 100.0 185.8
98 62.2 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 48.166 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

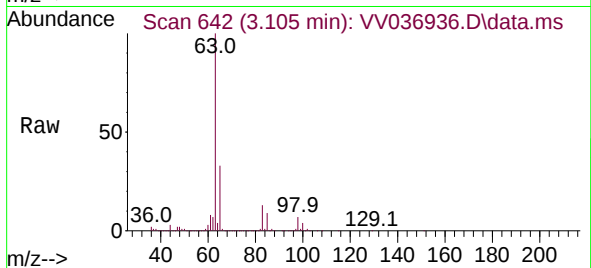
Tgt Ion: 73 Resp: 771390
Ion Ratio Lower Upper
73 100
43 19.8 16.1 24.1
57 22.5 17.9 26.9



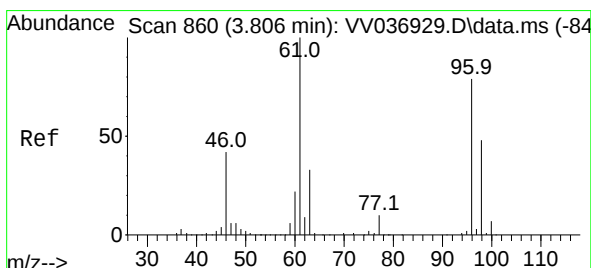
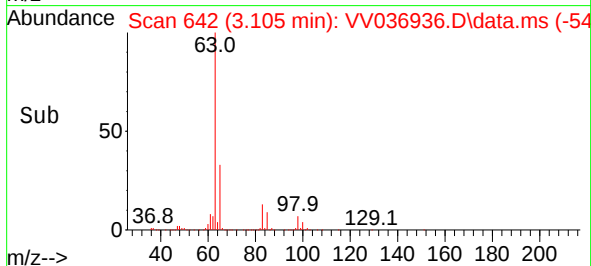
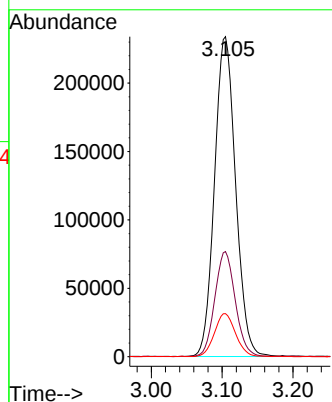


#19
1,1-Dichloroethane
Concen: 52.609 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Instrument :
MSVOA_V
ClientSampleId :

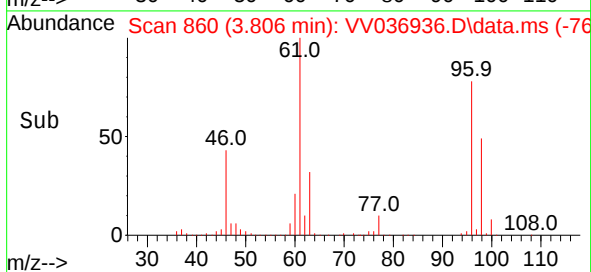
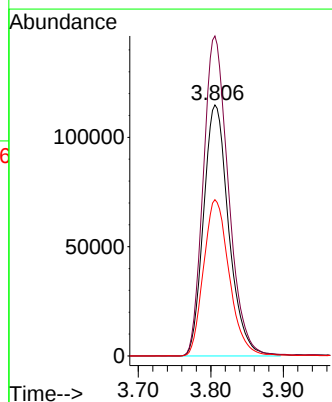
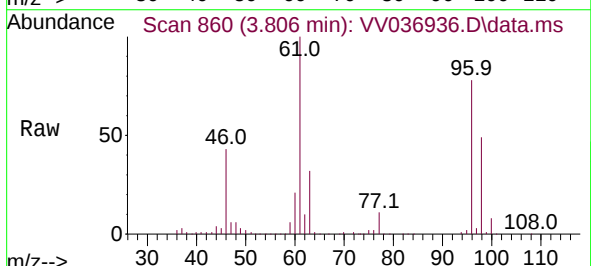


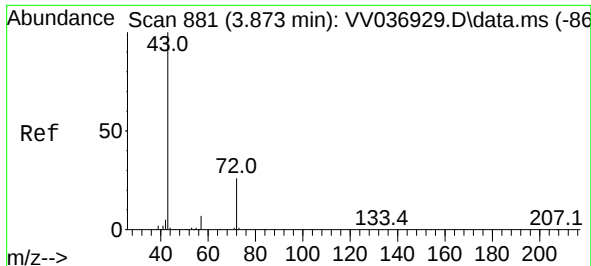
Tgt Ion: 63 Resp: 483315
Ion Ratio Lower Upper
63 100
65 32.8 23.2 43.0
83 13.5 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 51.978 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Tgt Ion: 96 Resp: 277416
Ion Ratio Lower Upper
96 100
61 127.5 93.9 174.5
98 62.3 46.0 85.4

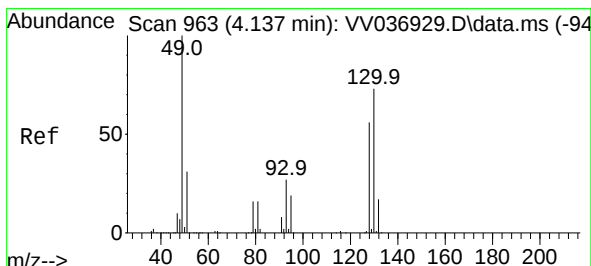
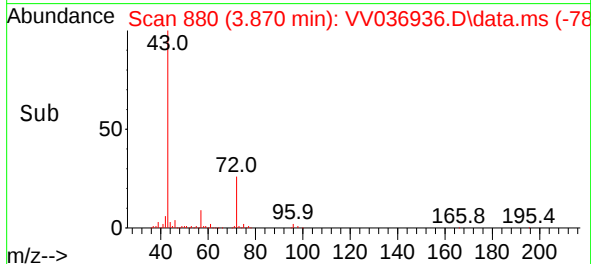
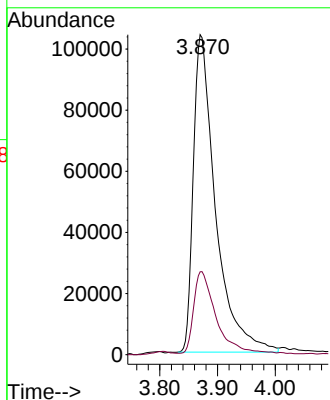
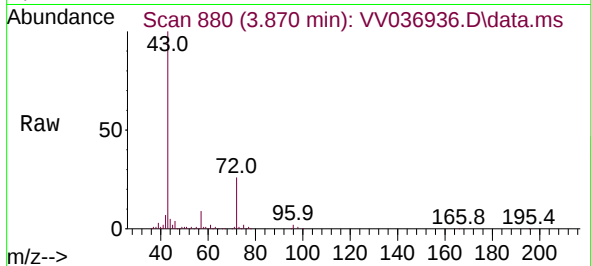




#22
2-Butanone
Concen: 84.293 ug/L
RT: 3.870 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

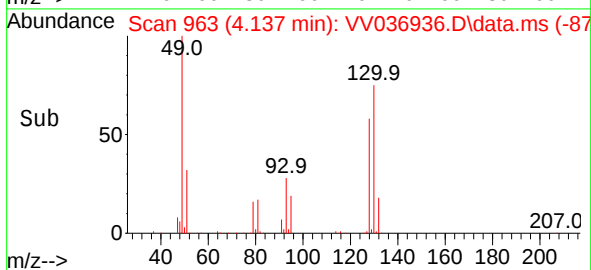
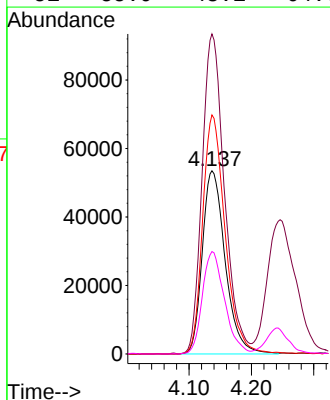
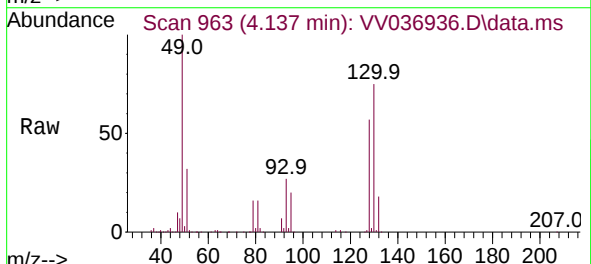
Instrument :
MSVOA_V
ClientSampleId :

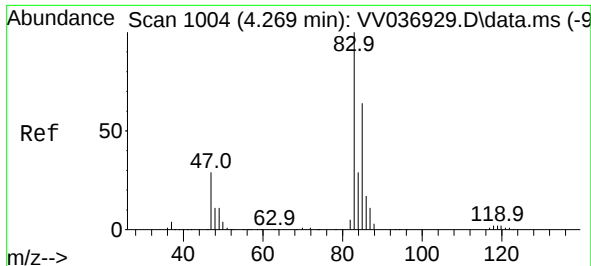
Tgt Ion: 43 Resp: 277857
Ion Ratio Lower Upper
43 100
72 26.0 12.5 37.5



#23
Bromochloromethane
Concen: 52.684 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Tgt Ion:128 Resp: 136587
Ion Ratio Lower Upper
128 100
49 174.7 120.0 223.0
130 130.5 87.0 161.6
51 55.9 43.1 64.7





#25

Chloroform

Concen: 51.734 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

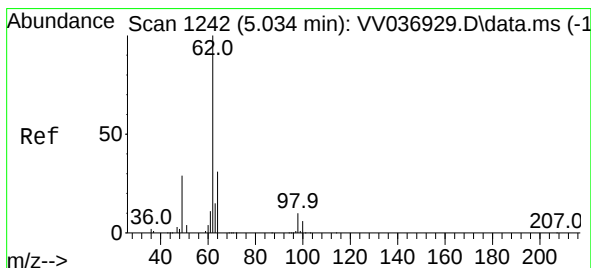
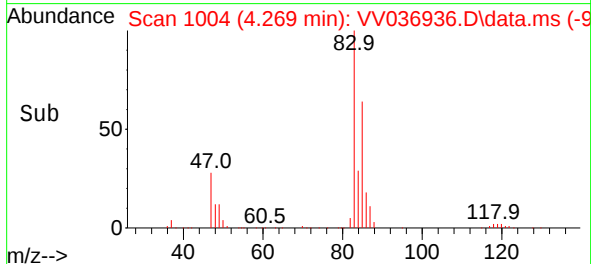
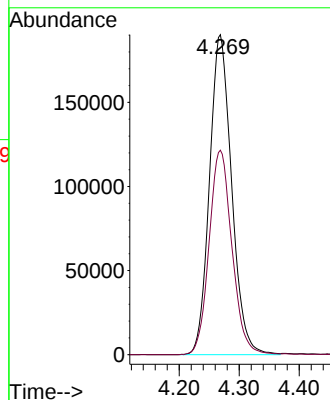
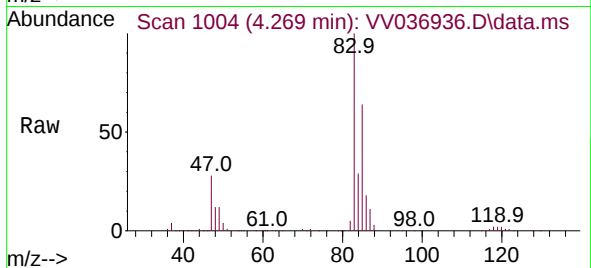
ClientSampleId :

Tgt Ion: 83 Resp: 488151

Ion Ratio Lower Upper

83 100

85 63.9 46.0 85.4



#27

1,2-Dichloroethane

Concen: 49.047 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV036936.D

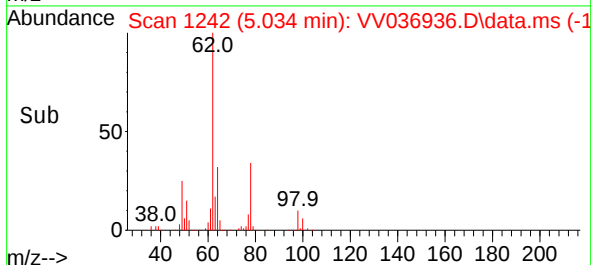
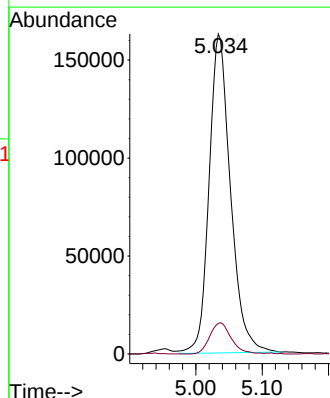
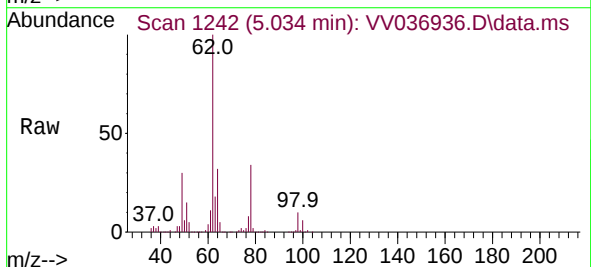
Acq: 15 Aug 2024 08:31

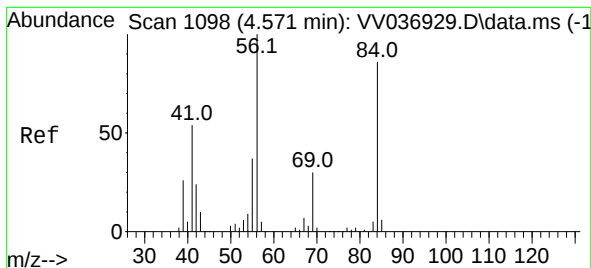
Tgt Ion: 62 Resp: 365055

Ion Ratio Lower Upper

62 100

98 9.6 7.5 11.3





#29

Cyclohexane

Concen: 47.703 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

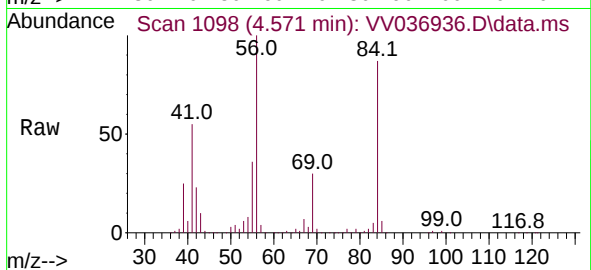
Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :



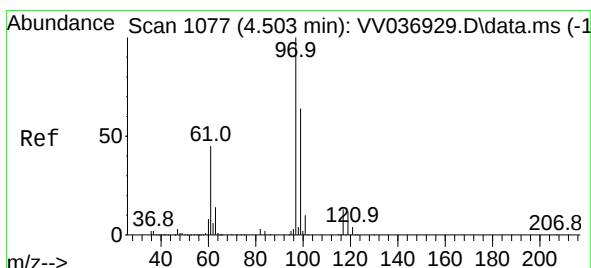
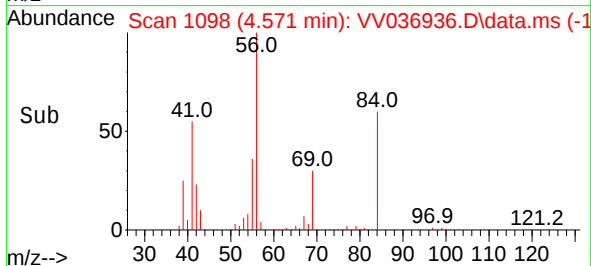
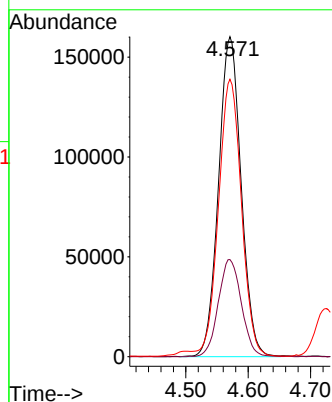
Tgt Ion: 56 Resp: 403580

Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 87.5 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 48.967 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

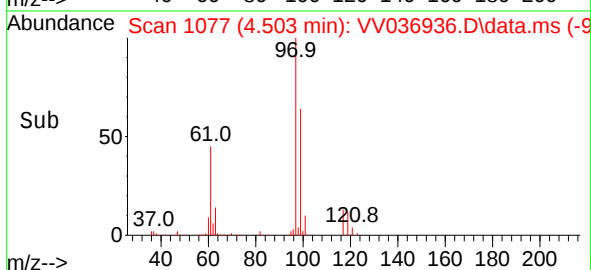
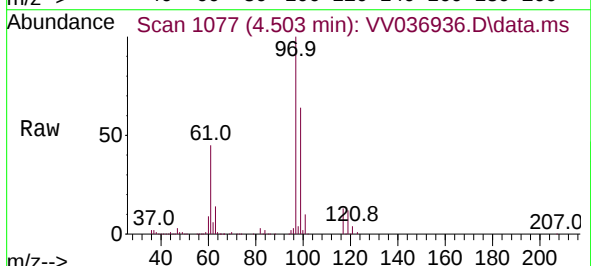
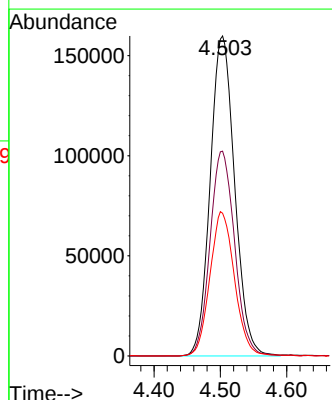
Tgt Ion: 97 Resp: 409638

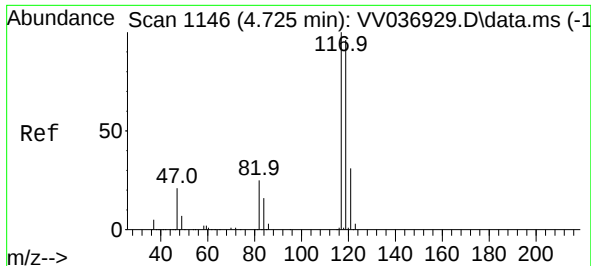
Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

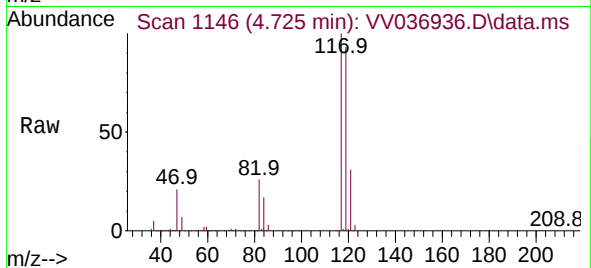
61 45.2 36.0 54.0



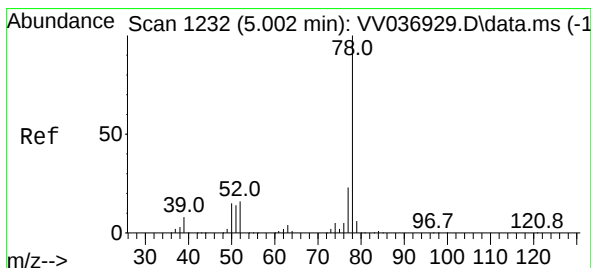
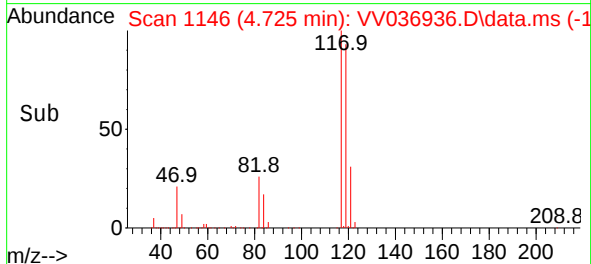
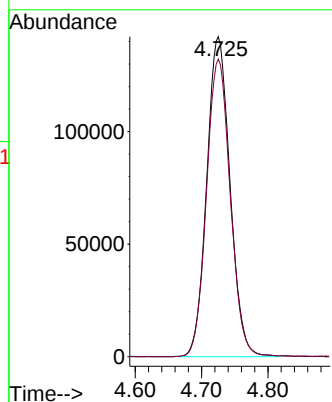


#31
Carbon tetrachloride
Concen: 49.365 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Instrument :
MSVOA_V
ClientSampleId :

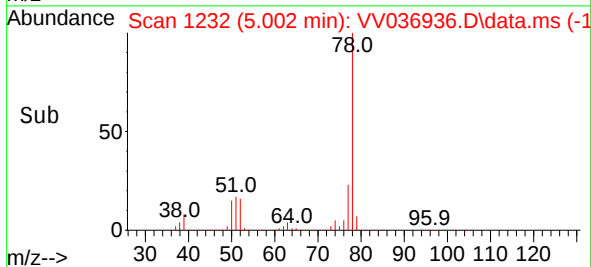
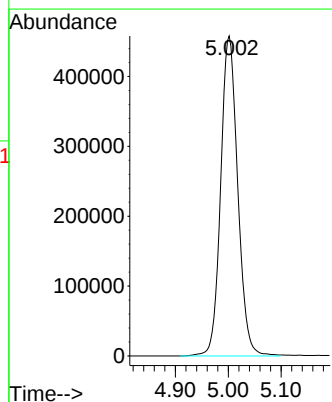
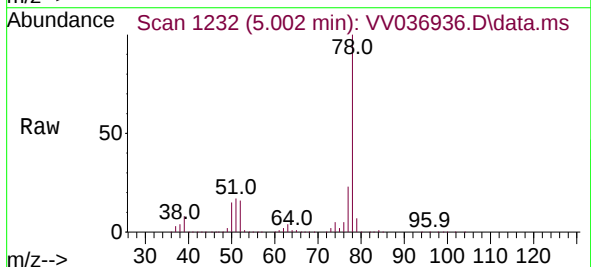


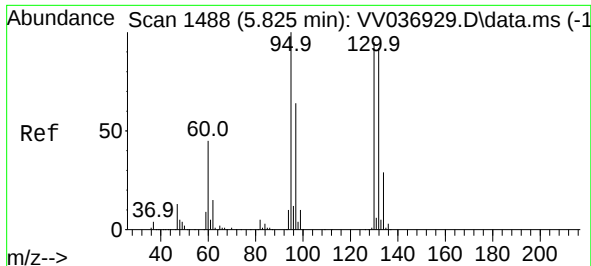
Tgt Ion:117 Resp: 346818
Ion Ratio Lower Upper
117 100
119 94.7 76.1 114.1



#33
Benzene
Concen: 51.718 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

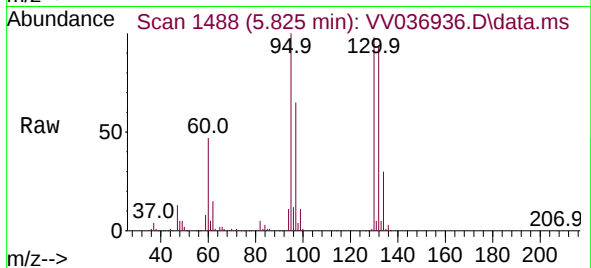
Tgt Ion: 78 Resp: 1027143



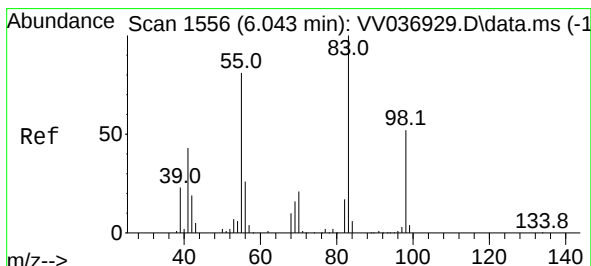
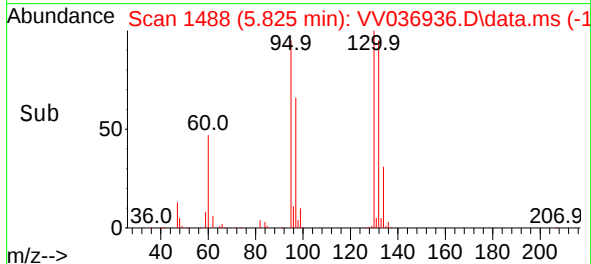
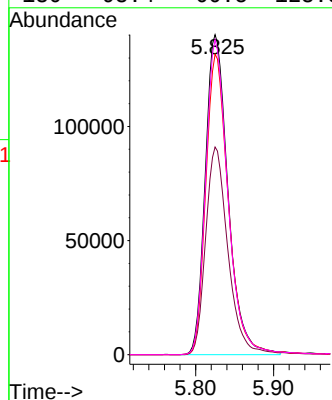


#34
Trichloroethene
Concen: 49.447 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Instrument :
MSVOA_V
ClientSampleId :

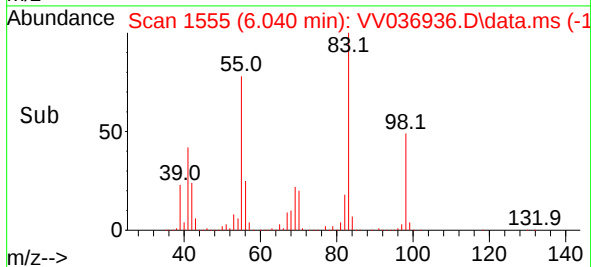
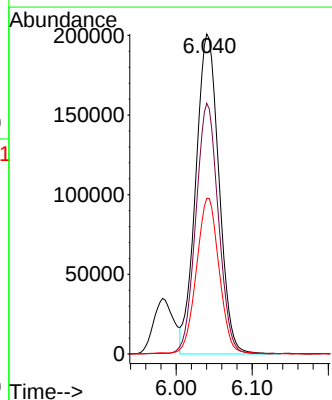
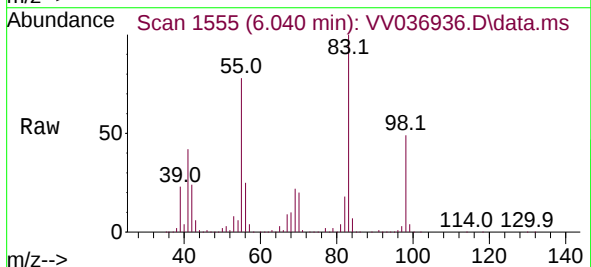


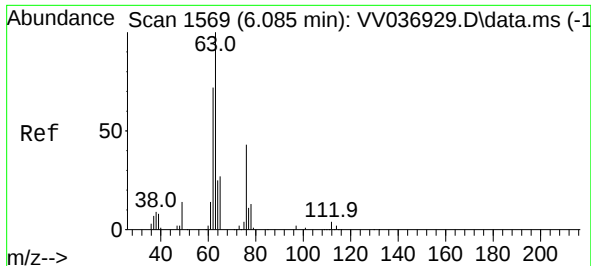
Tgt Ion: 95 Resp: 284609
Ion Ratio Lower Upper
95 100
97 64.9 44.7 82.9
132 93.9 62.9 116.9
130 98.4 66.5 123.5



#35
Methylcyclohexane
Concen: 48.112 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Tgt Ion: 83 Resp: 424939
Ion Ratio Lower Upper
83 100
55 76.0 62.3 93.5
98 47.8 38.7 58.1





#37

1,2-Dichloropropane

Concen: 52.209 ug/L

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

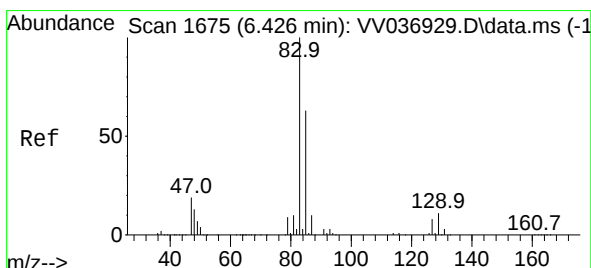
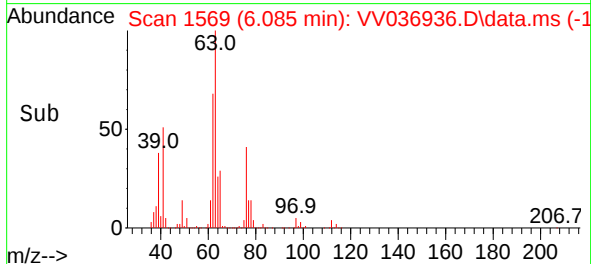
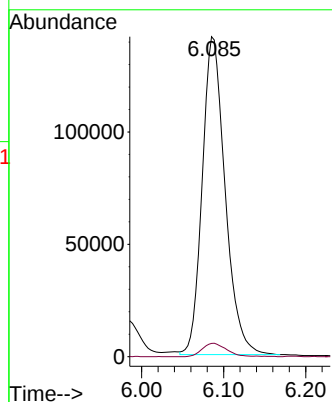
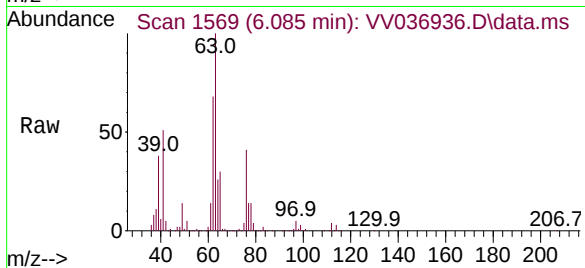
ClientSampleId :

Tgt Ion: 63 Resp: 274681

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 49.532 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

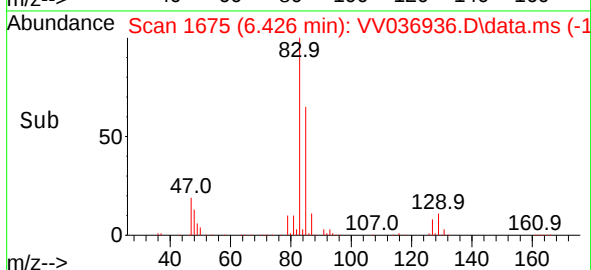
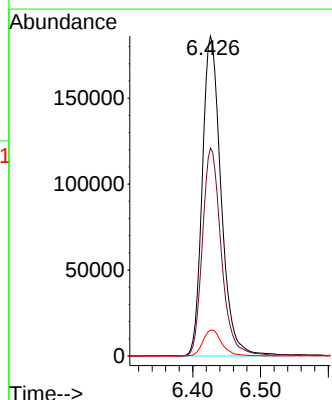
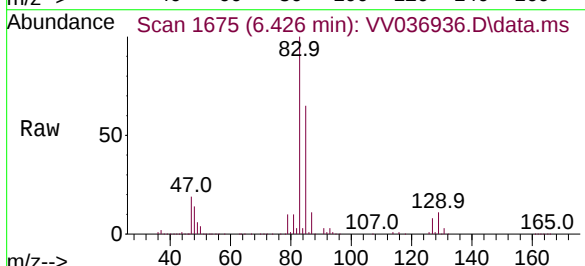
Tgt Ion: 83 Resp: 358858

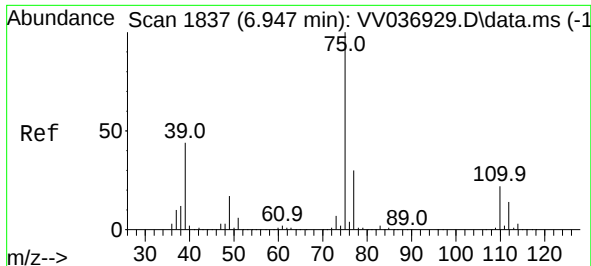
Ion Ratio Lower Upper

83 100

85 65.0 44.7 83.1

127 8.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 49.972 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

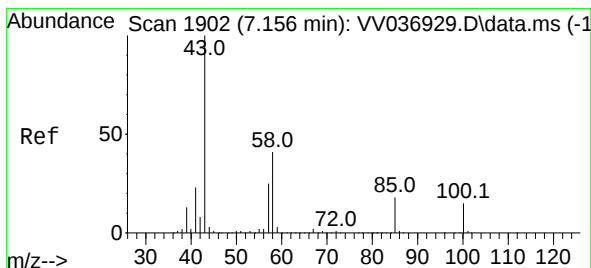
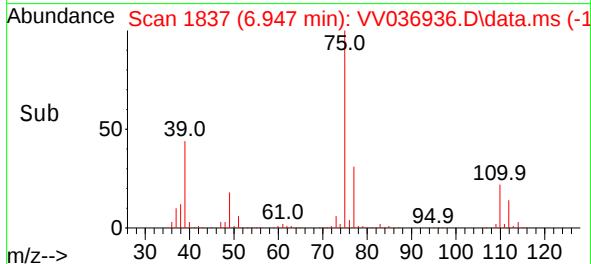
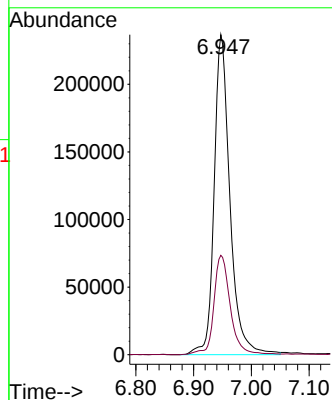
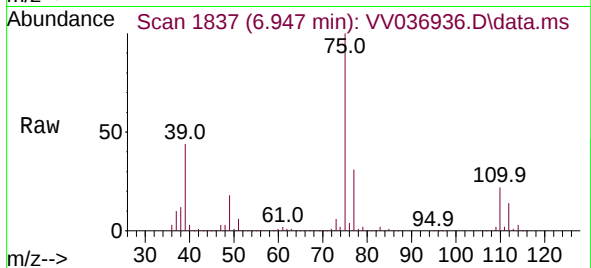
ClientSampleId :

Tgt Ion: 75 Resp: 450267

Ion Ratio Lower Upper

75 100

77 31.0 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 84.008 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

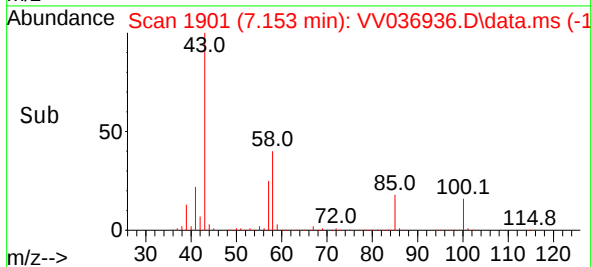
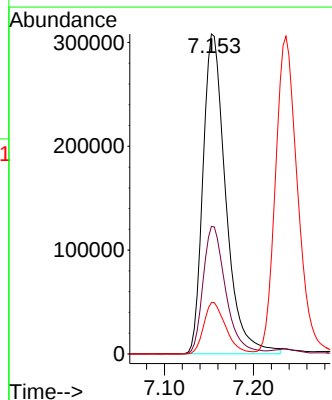
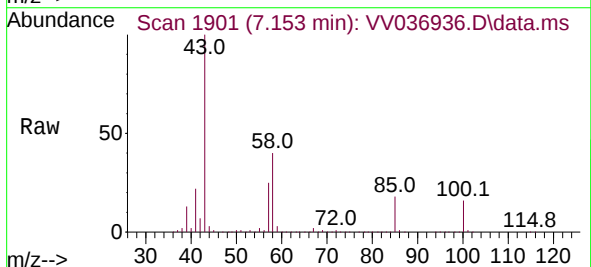
Tgt Ion: 43 Resp: 547510

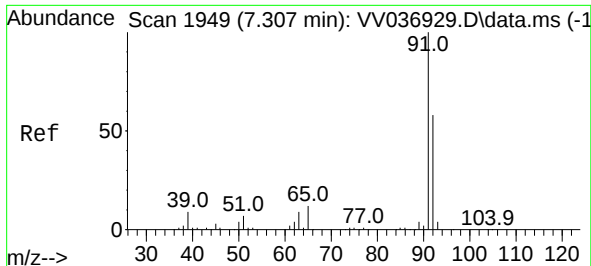
Ion Ratio Lower Upper

43 100

58 39.7 31.3 46.9

100 15.6 12.6 18.8





#42

Toluene

Concen: 50.723 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

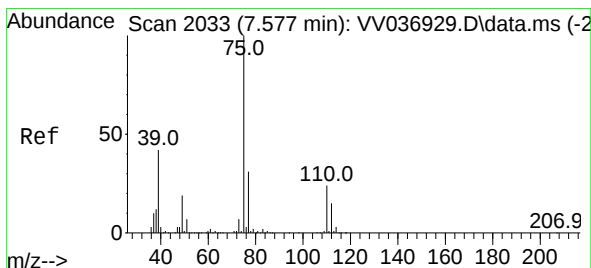
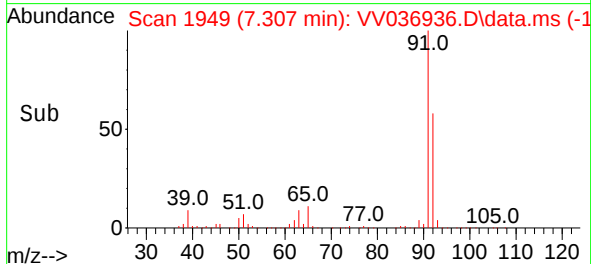
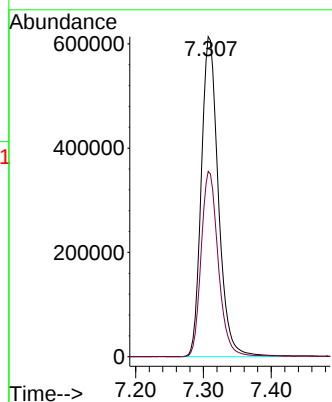
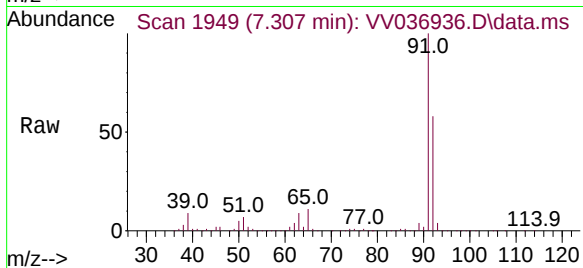
ClientSampleId :

Tgt Ion: 91 Resp: 1072983

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 47.854 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV036936.D

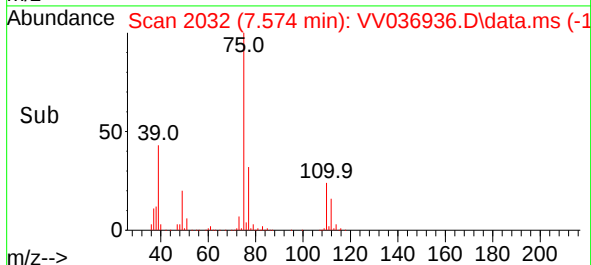
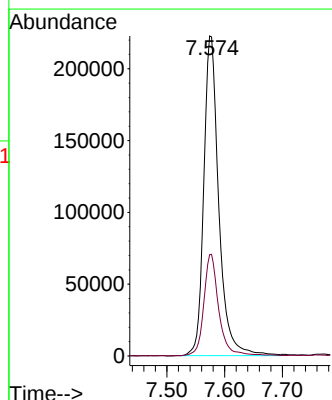
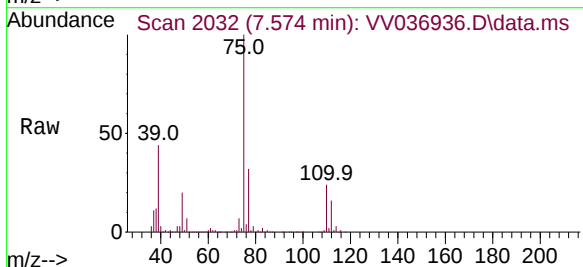
Acq: 15 Aug 2024 08:31

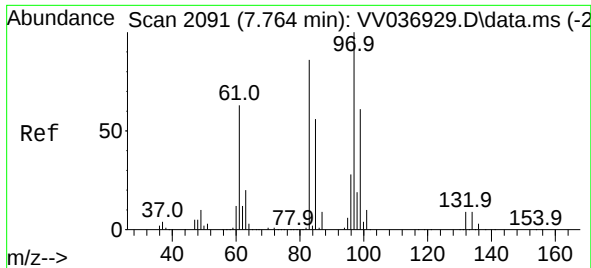
Tgt Ion: 75 Resp: 401793

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



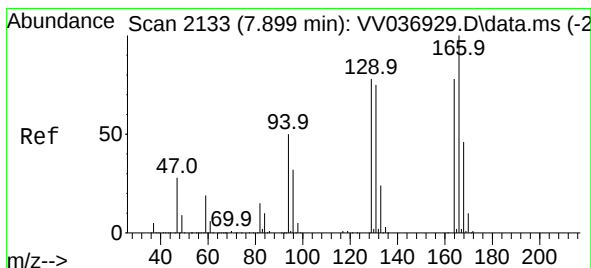
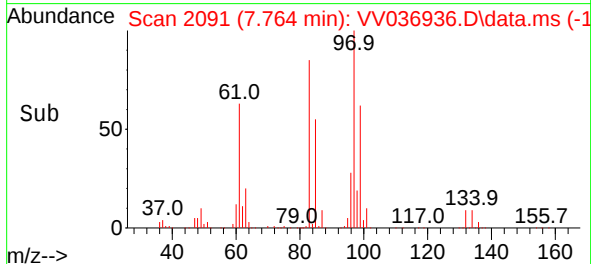
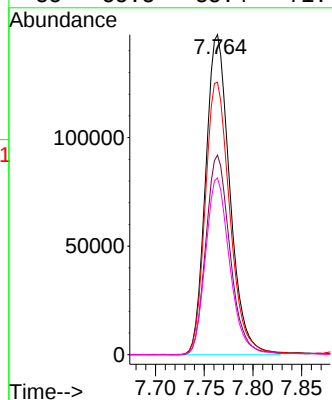
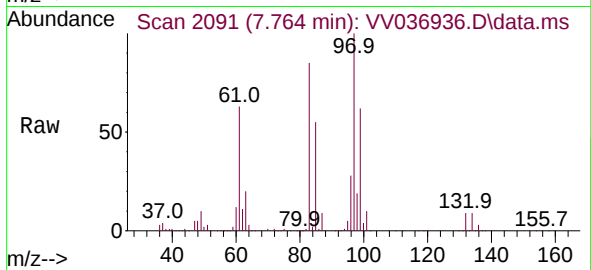


#45
1,1,2-Trichloroethane
Concen: 49.978 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 254637

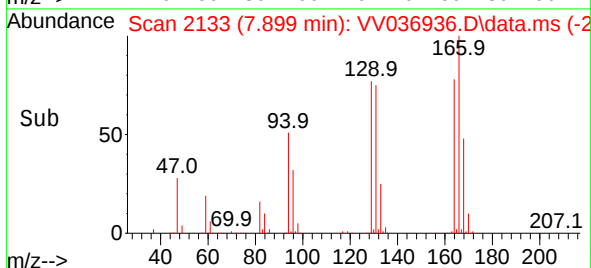
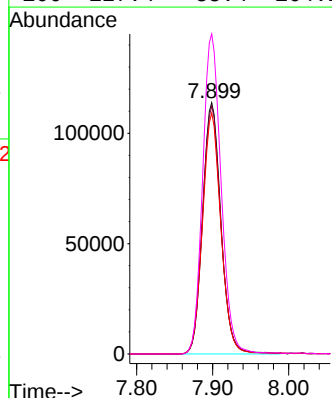
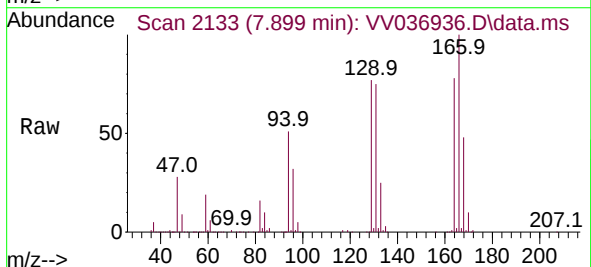
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.0	81.6
83	85.1	60.1	111.5
85	55.3	38.4	71.4

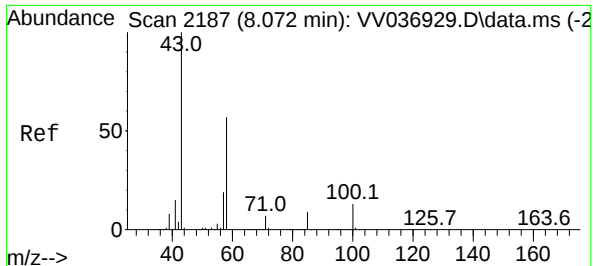


#46
Tetrachloroethene
Concen: 50.366 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Tgt Ion: 164 Resp: 190155

Ion	Ratio	Lower	Upper
164	100		
129	98.7	70.4	130.8
131	95.9	67.7	125.7
166	127.4	88.4	164.2

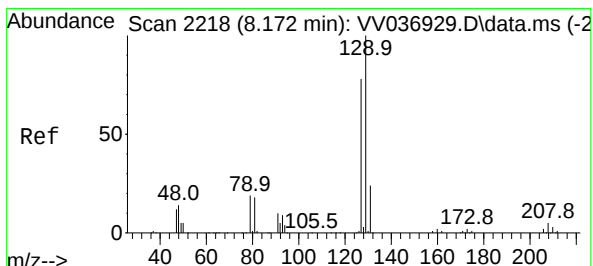
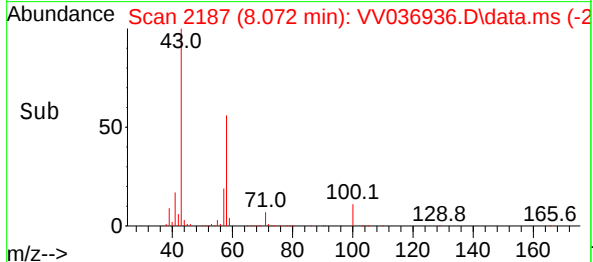
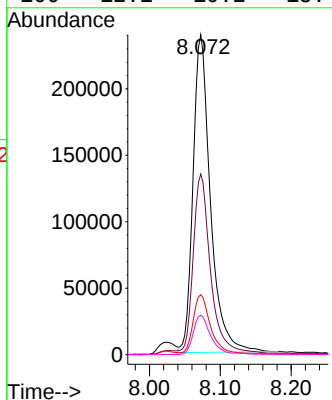
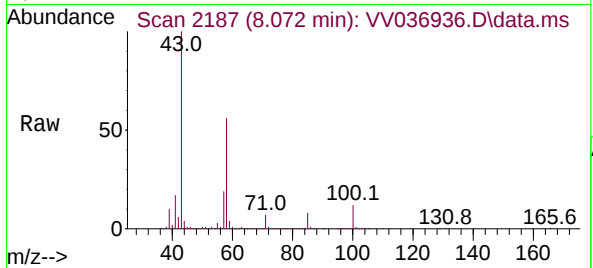




#48
2-Hexanone
Concen: 85.136 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

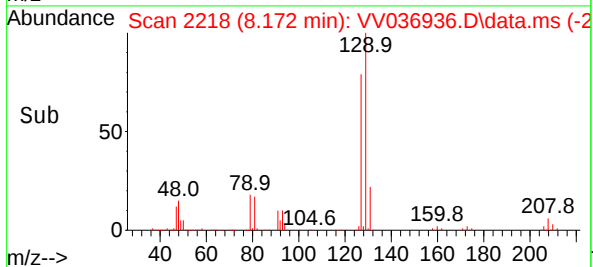
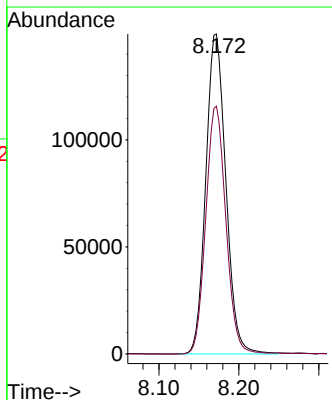
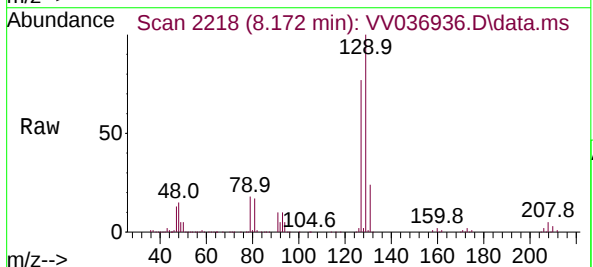
Instrument :
MSVOA_V
ClientSampleId :

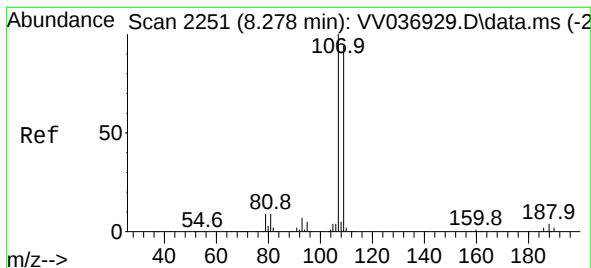
Tgt Ion: 43 Resp: 408196
Ion Ratio Lower Upper
43 100
58 55.7 44.7 67.1
57 18.8 15.0 22.4
100 12.1 10.2 15.4



#49
Dibromochloromethane
Concen: 49.767 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Tgt Ion: 129 Resp: 260569
Ion Ratio Lower Upper
129 100
127 77.5 55.4 102.8





#50

1,2-Dibromoethane

Concen: 49.592 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.003 min

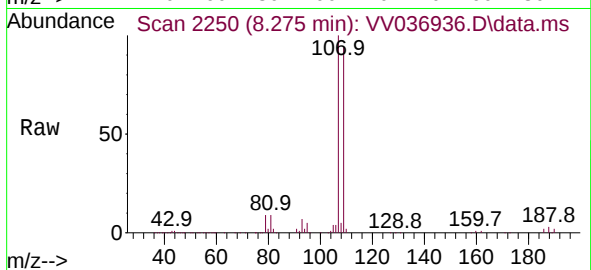
Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :



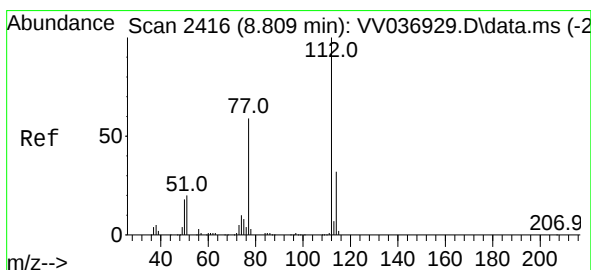
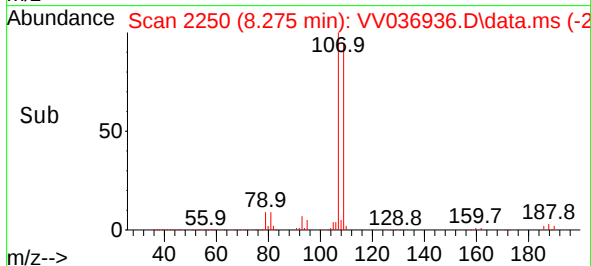
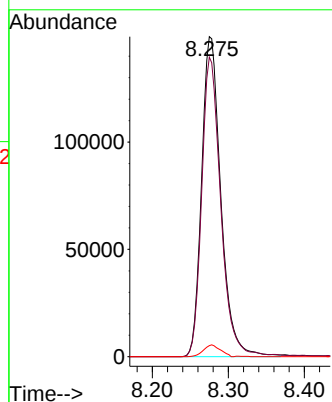
Tgt Ion:107 Resp: 262159

Ion Ratio Lower Upper

107 100

109 93.6 64.7 120.1

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 51.340 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

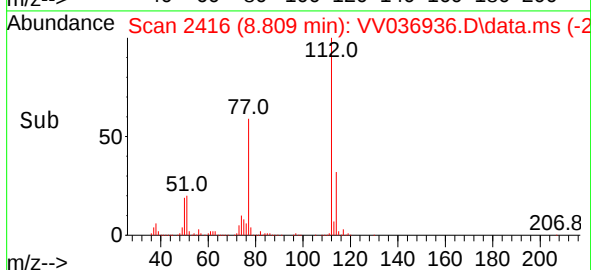
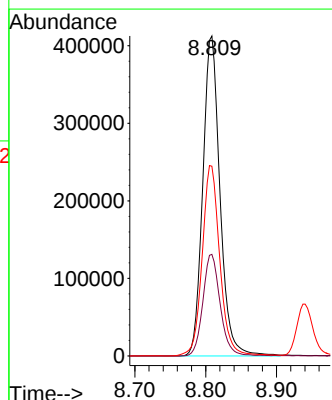
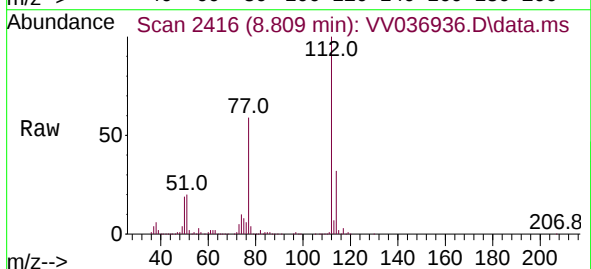
Tgt Ion:112 Resp: 696837

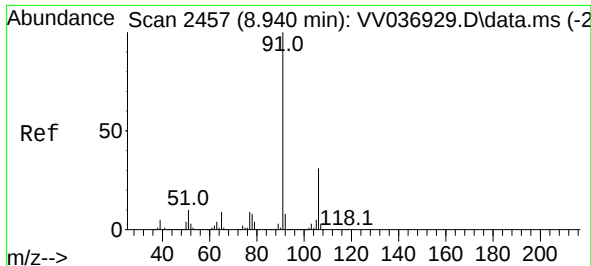
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.5

77 59.3 48.9 73.3





#52

Ethylbenzene

Concen: 50.594 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

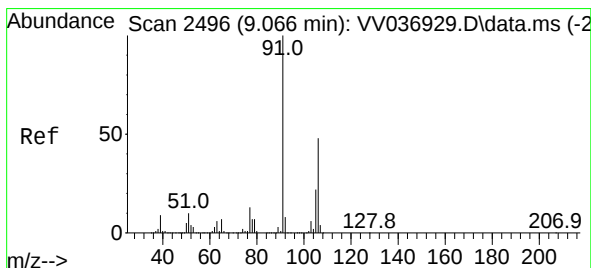
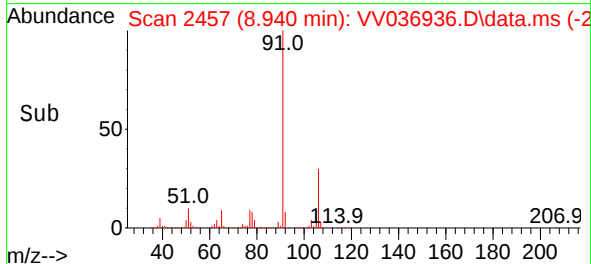
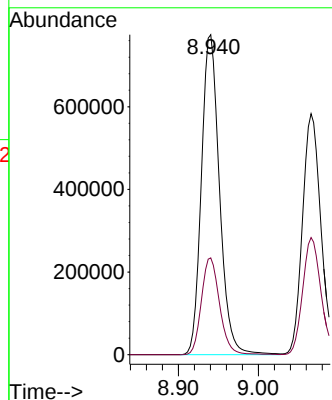
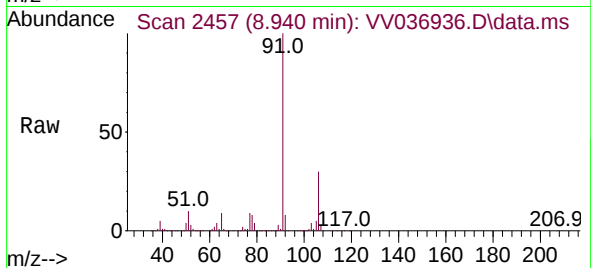
ClientSampleId :

Tgt Ion: 91 Resp: 1222040

Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.1



#53

m,p-Xylene

Concen: 50.405 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV036936.D

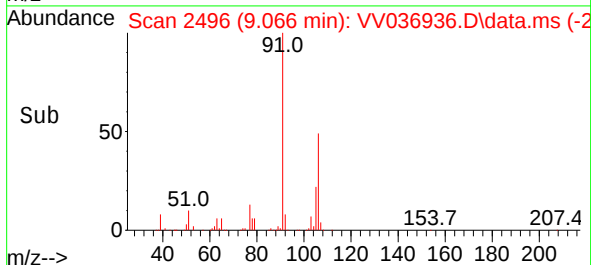
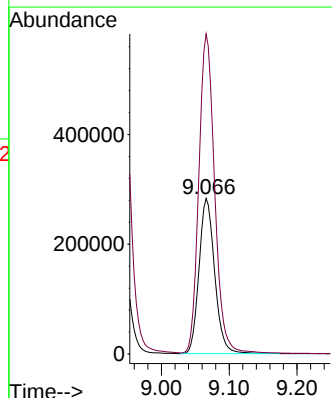
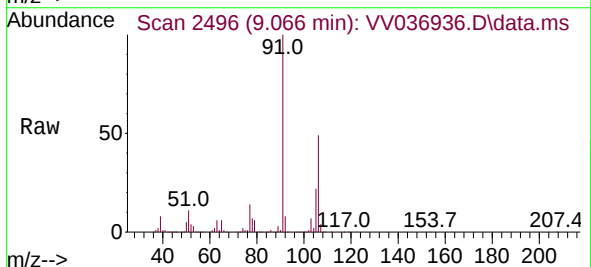
Acq: 15 Aug 2024 08:31

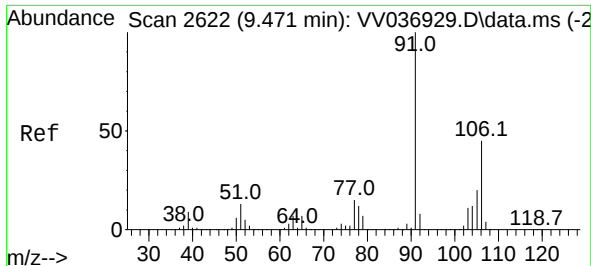
Tgt Ion:106 Resp: 455084

Ion Ratio Lower Upper

106 100

91 205.8 147.1 273.3

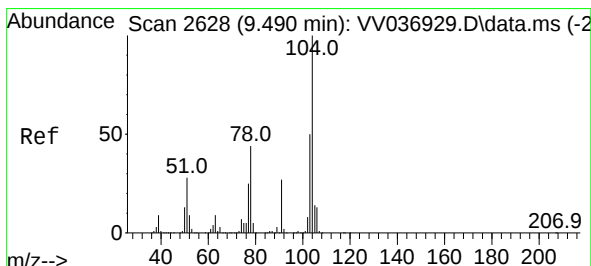
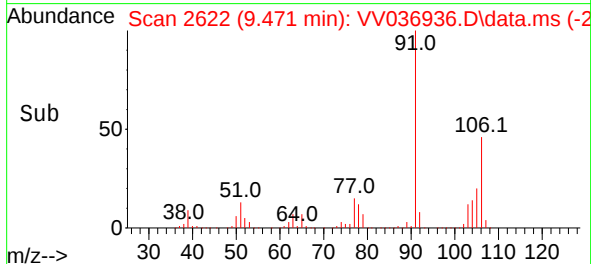
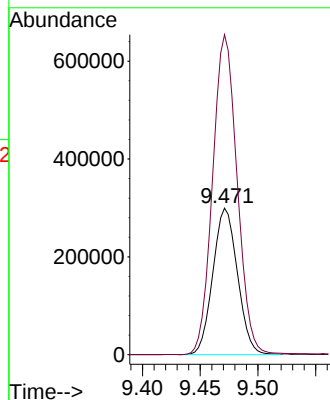
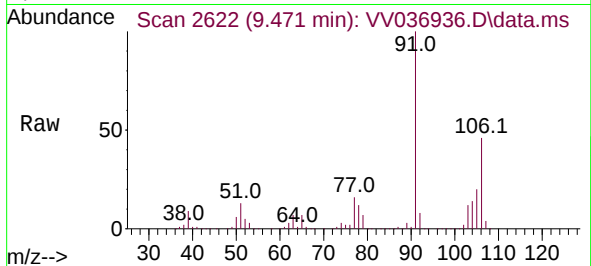




#54
o-Xylene
Concen: 50.182 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

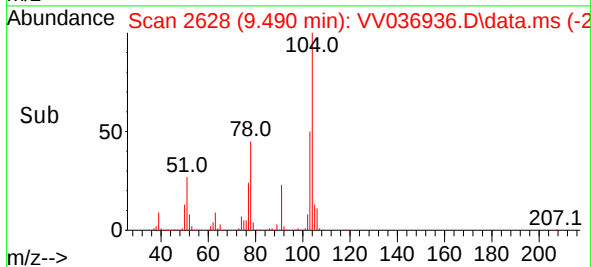
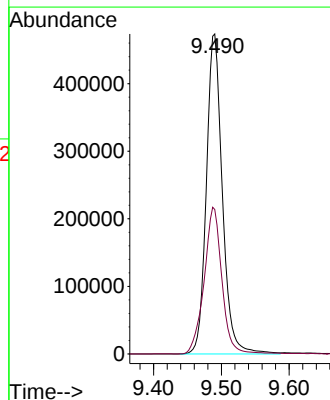
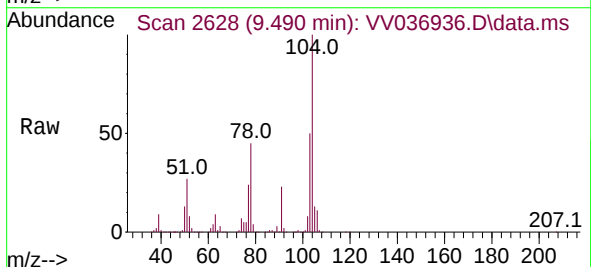
Instrument :
MSVOA_V
ClientSampleId :

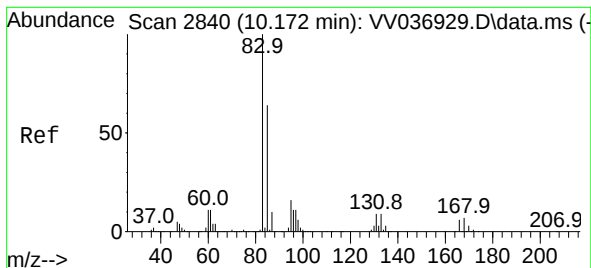
Tgt Ion:106 Resp: 443133
Ion Ratio Lower Upper
106 100
91 218.4 154.5 286.9



#55
Styrene
Concen: 51.342 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

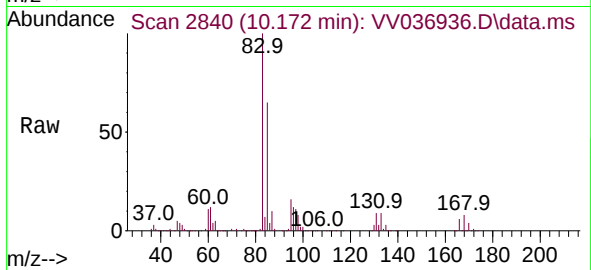
Tgt Ion:104 Resp: 776954
Ion Ratio Lower Upper
104 100
78 45.1 32.1 59.7



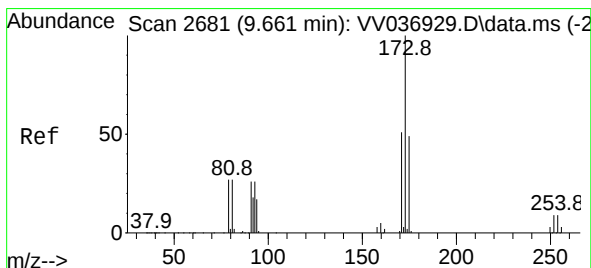
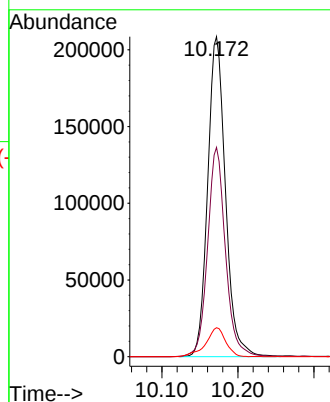
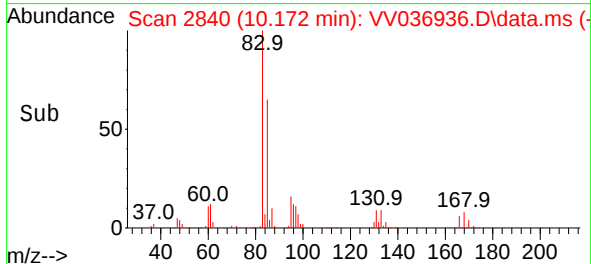


#57
1,1,2,2-Tetrachloroethane
Concen: 49.258 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

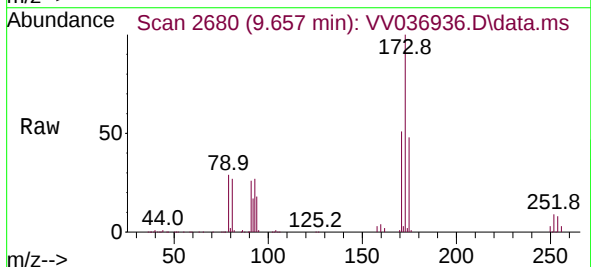
Instrument :
MSVOA_V
ClientSampleId :



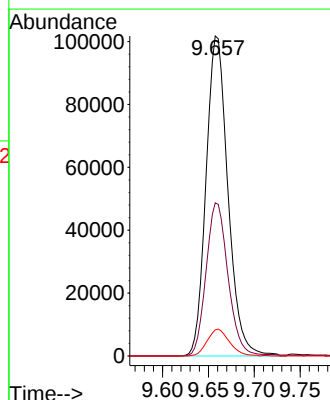
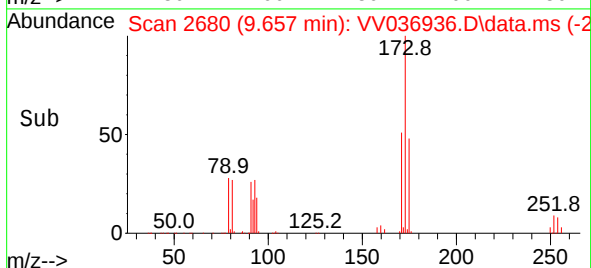
Tgt Ion: 83 Resp: 338644
Ion Ratio Lower Upper
83 100
85 65.4 44.7 83.1
131 9.1 7.2 10.8

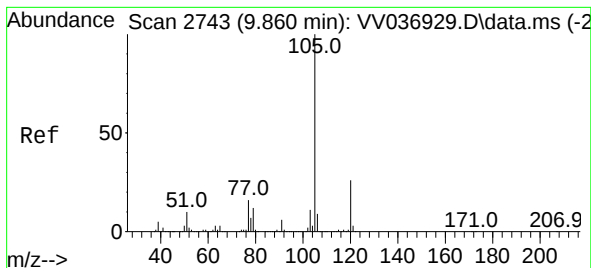


#59
Bromoform
Concen: 45.376 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31



Tgt Ion: 173 Resp: 169033
Ion Ratio Lower Upper
173 100
175 47.9 39.8 59.8
254 8.5 6.8 10.2





#60

Isopropylbenzene

Concen: 49.320 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :

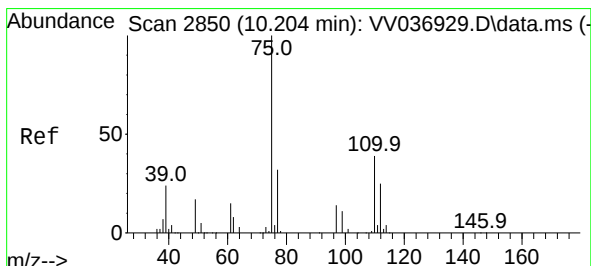
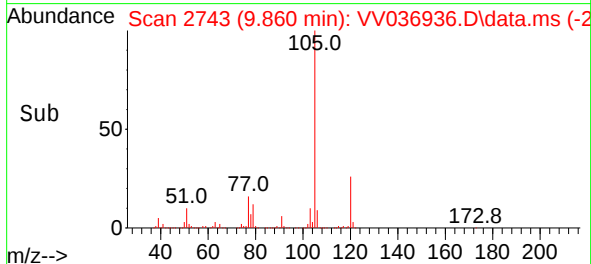
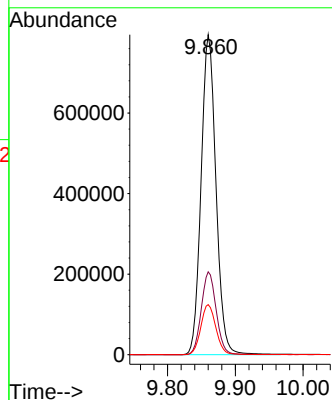
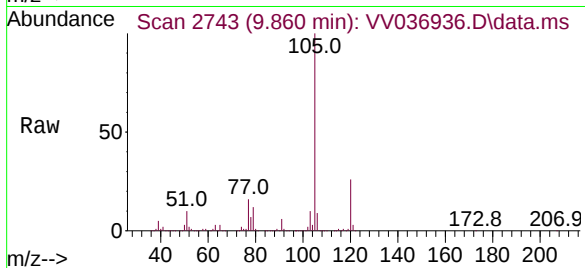
Tgt Ion:105 Resp: 1209055

Ion Ratio Lower Upper

105 100

120 25.9 20.3 30.5

77 15.8 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 45.668 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

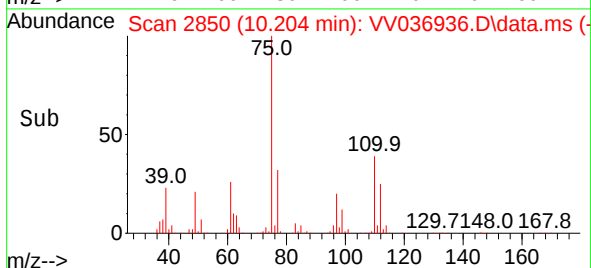
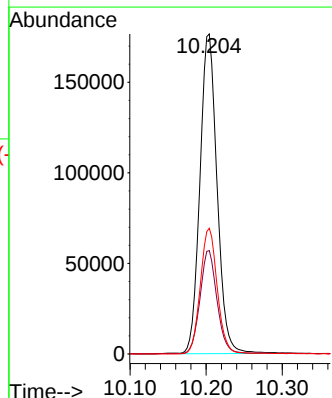
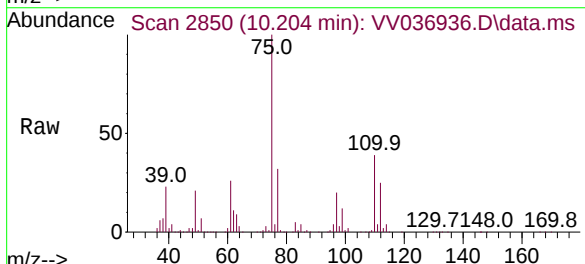
Tgt Ion: 75 Resp: 276820

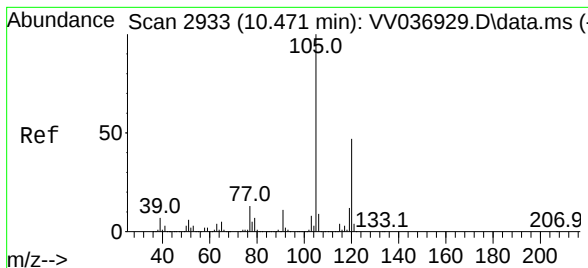
Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

110 38.9 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 48.981 ug/L

RT: 10.468 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

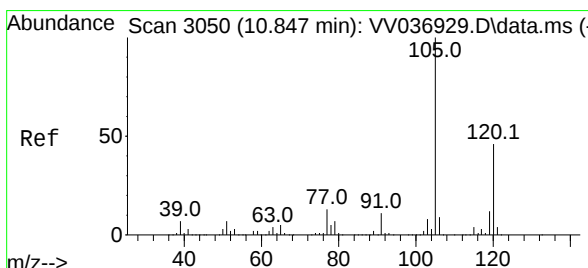
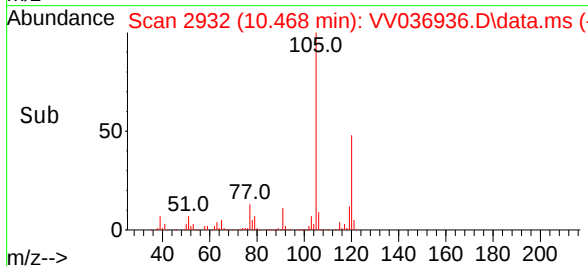
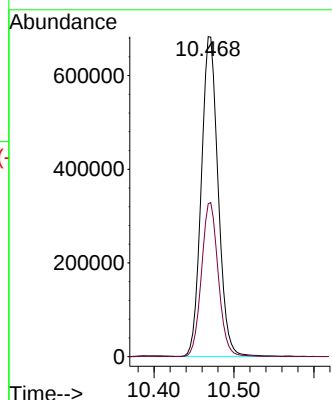
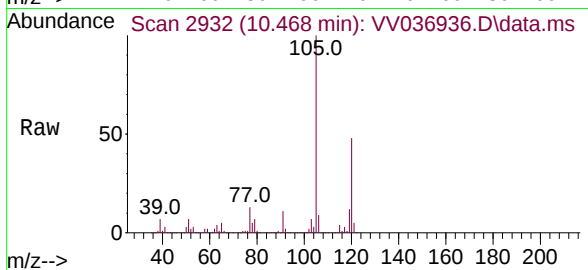
ClientSampleId :

Tgt Ion:105 Resp: 999653

Ion Ratio Lower Upper

105 100

120 48.1 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 49.175 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV036936.D

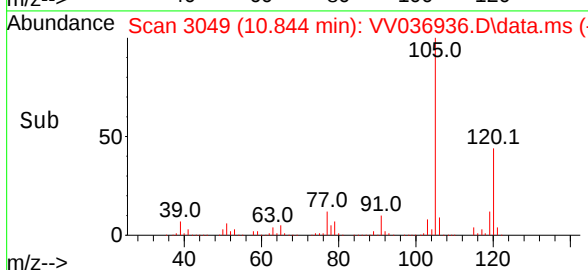
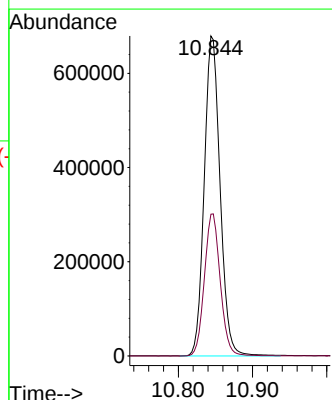
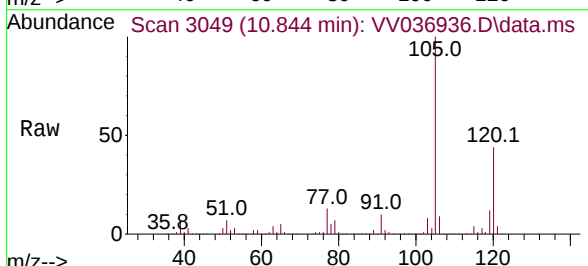
Acq: 15 Aug 2024 08:31

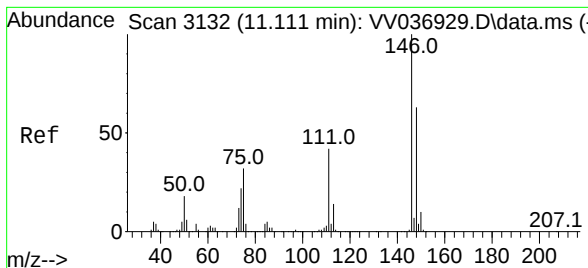
Tgt Ion:105 Resp: 1004667

Ion Ratio Lower Upper

105 100

120 44.5 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 51.429 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :

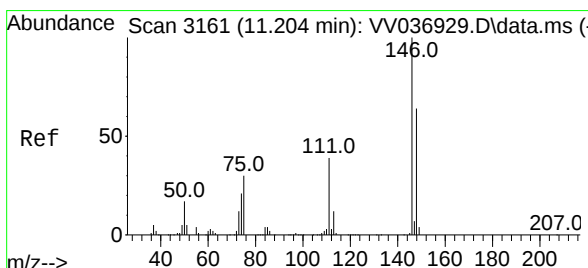
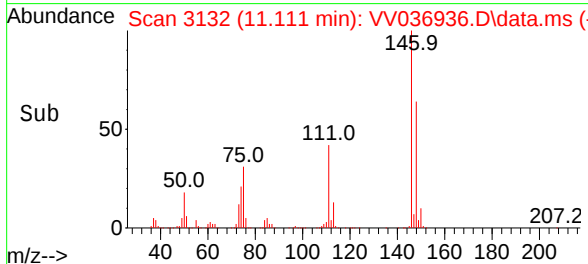
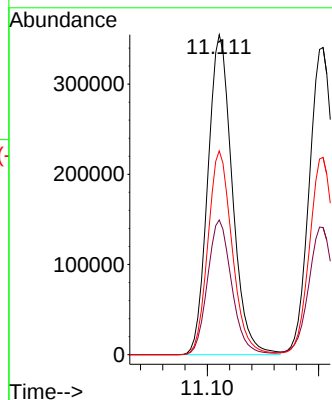
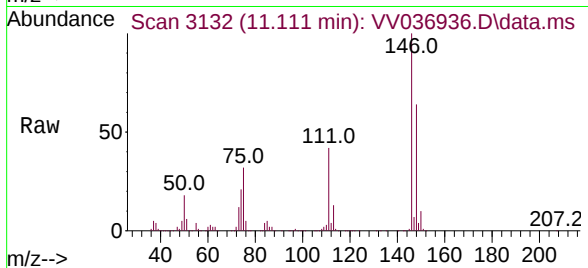
Tgt Ion:146 Resp: 542155

Ion Ratio Lower Upper

146 100

111 42.1 29.8 55.4

148 63.7 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 51.383 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

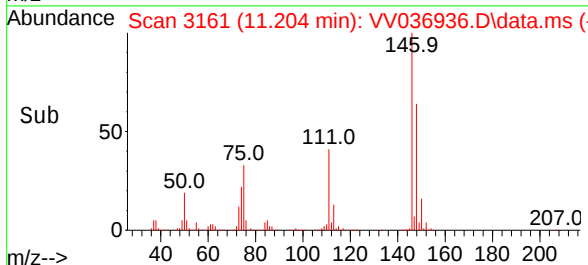
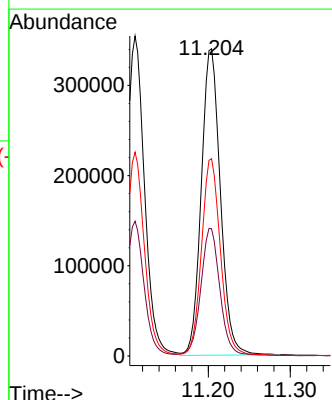
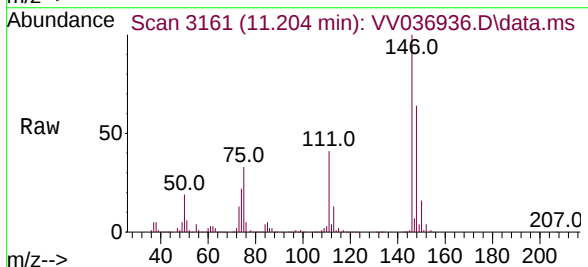
Tgt Ion:146 Resp: 550824

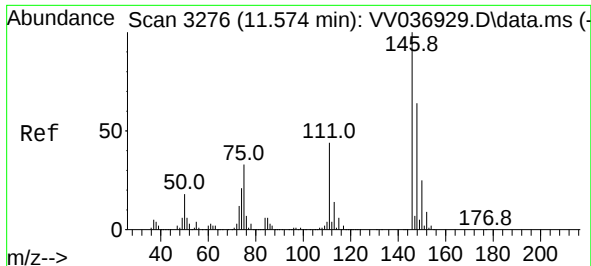
Ion Ratio Lower Upper

146 100

111 41.4 29.0 53.9

148 64.2 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 51.411 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

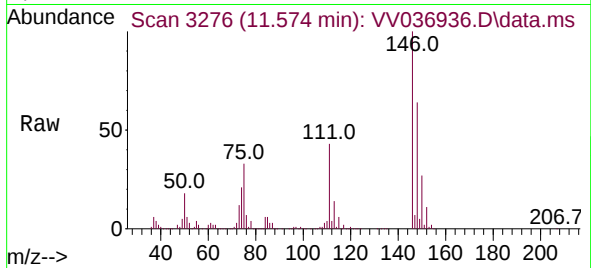
Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :



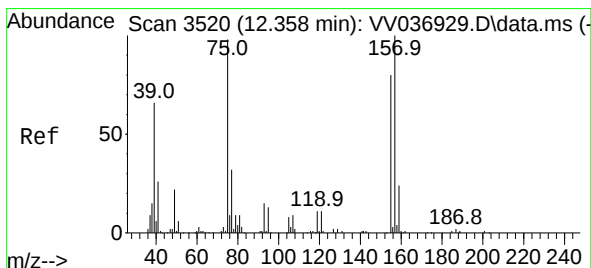
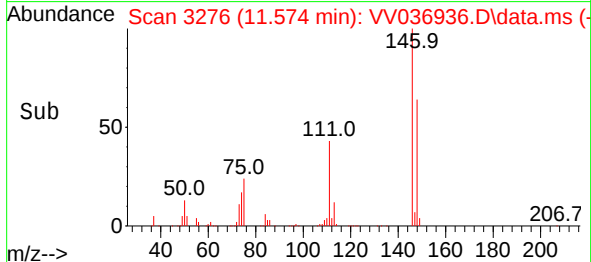
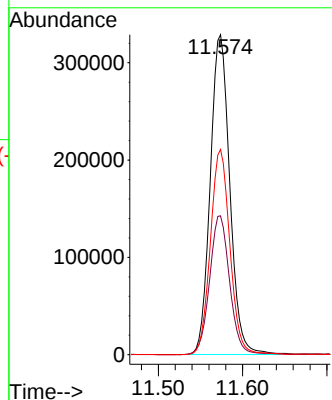
Tgt Ion:146 Resp: 529311

Ion Ratio Lower Upper

146 100

111 43.4 35.7 53.5

148 64.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 37.761 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

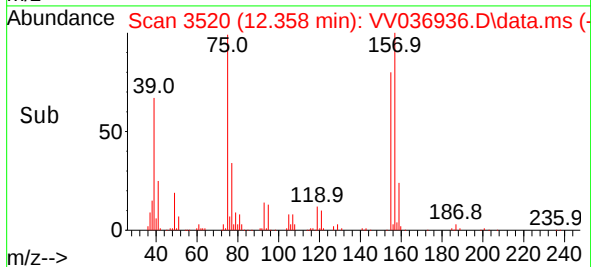
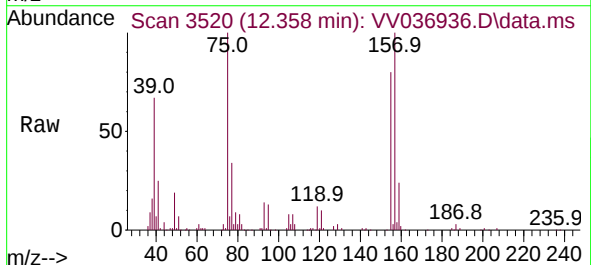
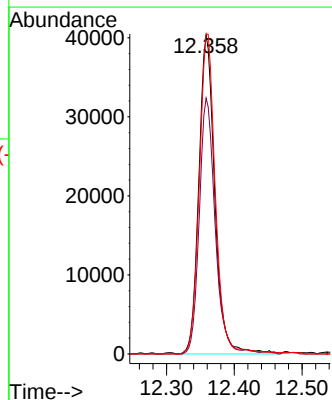
Tgt Ion: 75 Resp: 66144

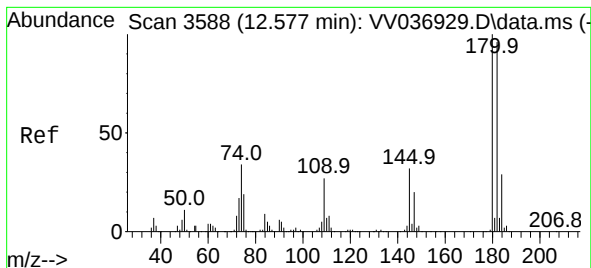
Ion Ratio Lower Upper

75 100

155 80.3 59.5 89.3

157 100.4 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 50.338 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

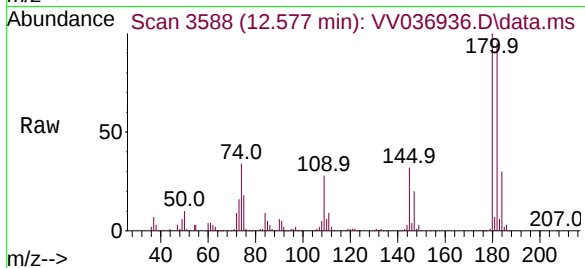
Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 376581

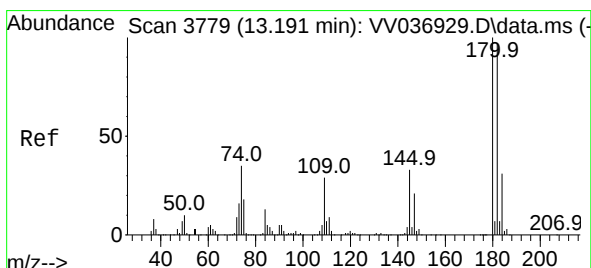
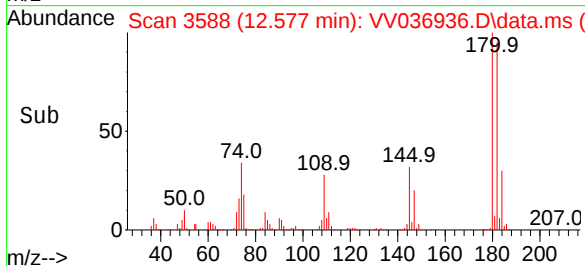
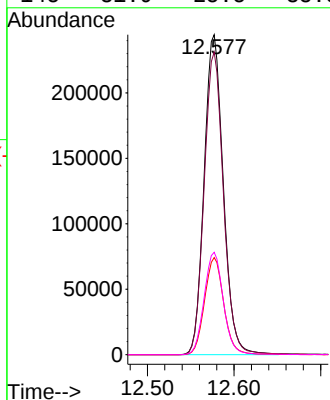
Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.6

184 30.3 23.7 35.5

145 31.9 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 49.020 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV036936.D

Acq: 15 Aug 2024 08:31

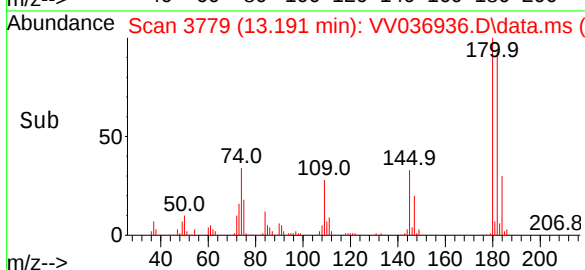
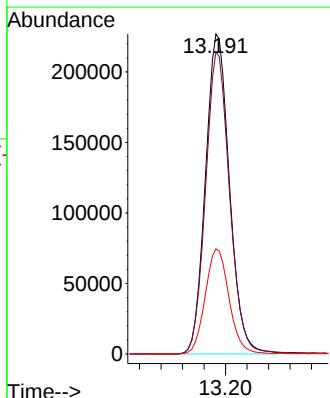
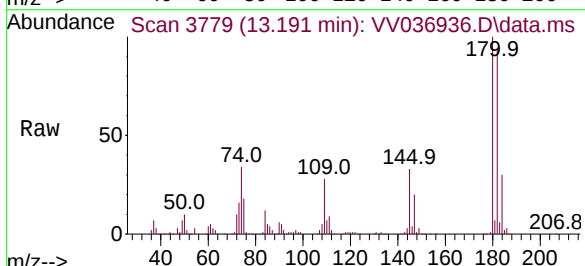
Tgt Ion:180 Resp: 351719

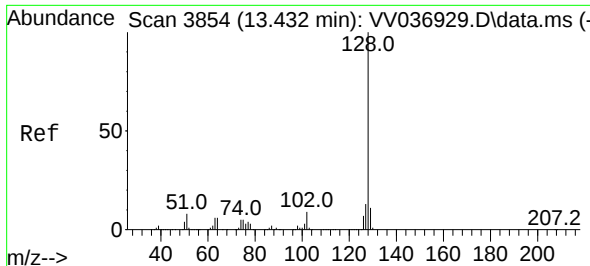
Ion Ratio Lower Upper

180 100

182 94.8 75.1 112.7

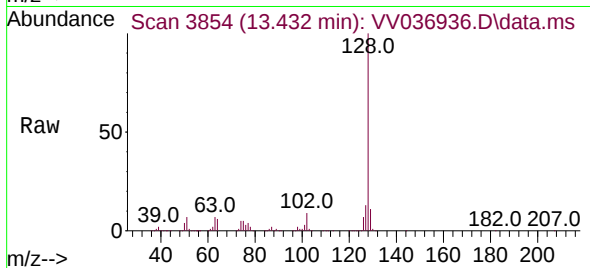
145 32.7 26.5 39.7



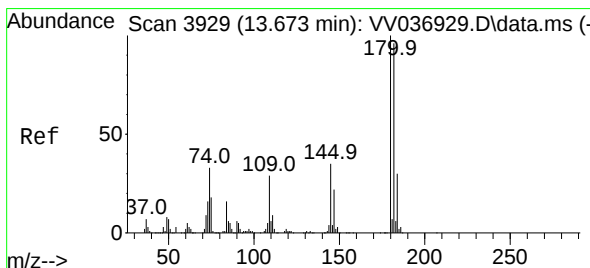
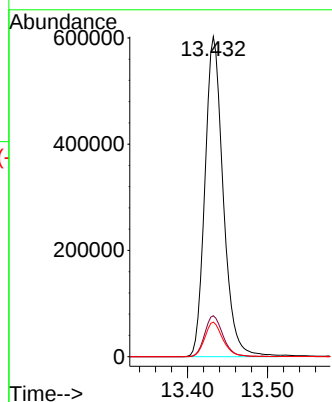
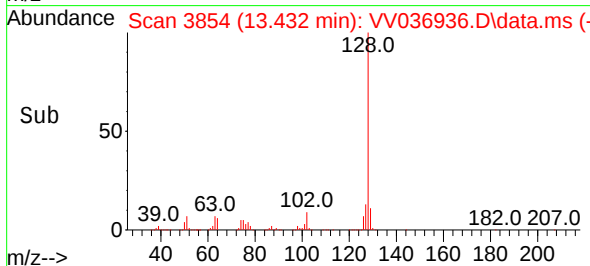


#71
Naphthalene
Concen: 41.661 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 958560
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.309 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV036936.D
Acq: 15 Aug 2024 08:31

Tgt Ion:180 Resp: 339292
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 34.4 27.8 41.6

