

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081524\
 Data File : VV036944.D
 Acq On : 15 Aug 2024 17:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 02:17:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 02:14:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	658455	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	620367	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	308120	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	235403	44.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.520%
7) Chloroethane-d5	1.532	69	193949	46.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.520%
11) 1,1-Dichloroethene-d2	2.060	65	102151	45.408	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.820%
21) 2-Butanone-d5	3.799	46	266468	95.629	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.630%
24) Chloroform-d	4.246	84	450699	47.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
26) 1,2-Dichloroethane-d4	4.941	65	282772	46.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
32) Benzene-d6	4.953	84	864447	46.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.260%
36) 1,2-Dichloropropane-d6	5.985	67	286264	47.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.720%
41) Toluene-d8	7.239	98	761685	44.315	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	7.551	79	128323	40.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.580%
47) 2-Hexanone-d5	8.024	63	174454	100.371	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.370%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	358333	51.627	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.260%
66) 1,2-Dichlorobenzene-d4	11.554	152	286829	45.683	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	251144	47.835	ug/L	100
3) Chloromethane	1.217	50	286051	52.061	ug/L	99
5) Vinyl chloride	1.282	62	292359	51.814	ug/L	96
6) Bromomethane	1.487	94	179315	50.475	ug/L	99
8) Chloroethane	1.548	64	181413	51.905	ug/L	99
9) Trichlorofluoromethane	1.712	101	369322	49.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	205481	47.182	ug/L	99
12) 1,1-Dichloroethene	2.069	96	206564	49.662	ug/L	97
13) Acetone	2.114	43	191919	82.320	ug/L	98
14) Carbon disulfide	2.236	76	559820	42.847	ug/L	99
15) Methyl Acetate	2.375	43	252238	52.520	ug/L	99
16) Methylene chloride	2.445	84	247158	52.856	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	216395	50.226	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	786464	51.829	ug/L	99
19) 1,1-Dichloroethane	3.105	63	462203	53.099	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	262907	51.990	ug/L	97
22) 2-Butanone	3.879	43	294093	94.164	ug/L	99
23) Bromochloromethane	4.143	128	129978	52.913	ug/L	99
25) Chloroform	4.272	83	471770	52.769	ug/L	100

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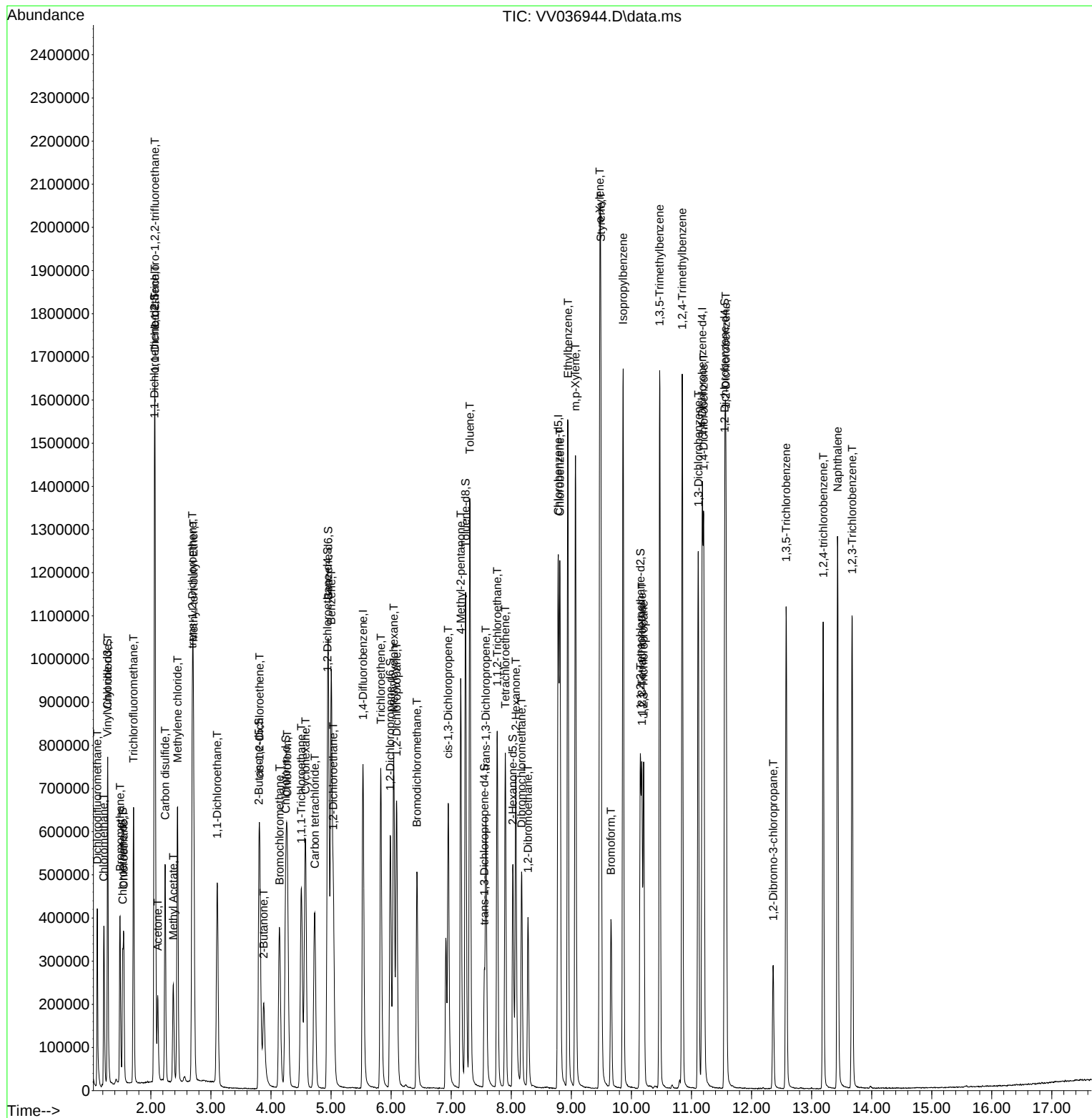
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	358927	50.896	ug/L	98
29) Cyclohexane	4.574	56	330804	41.852	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	383549	49.073	ug/L	99
31) Carbon tetrachloride	4.728	117	310987	47.378	ug/L	99
33) Benzene	5.005	78	971712	52.369	ug/L	100
34) Trichloroethene	5.828	95	257328	47.852	ug/L	96
35) Methylcyclohexane	6.043	83	328424	39.800	ug/L	99
37) 1,2-Dichloropropane	6.092	63	267585	54.438	ug/L	100
38) Bromodichloromethane	6.429	83	343396	50.732	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	396066	47.048	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	635449	104.360	ug/L	99
42) Toluene	7.310	91	991582	50.172	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	370210	47.194	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	255462	53.666	ug/L	99
46) Tetrachloroethene	7.902	164	162777	46.147	ug/L	99
48) 2-Hexanone	8.075	43	459500	102.578	ug/L	99
49) Dibromochloromethane	8.172	129	251431	51.399	ug/L	100
50) 1,2-Dibromoethane	8.278	107	260366	52.717	ug/L	97
51) Chlorobenzene	8.809	112	641441	50.583	ug/L	100
52) Ethylbenzene	8.944	91	1082347	47.963	ug/L	99
53) m,p-Xylene	9.069	106	407134	48.266	ug/L	94
54) o-Xylene	9.474	106	407809	49.430	ug/L	97
55) Styrene	9.490	104	715278	50.591	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	360458	56.119	ug/L	98
59) Bromoform	9.661	173	163973	48.104	ug/L	99
60) Isopropylbenzene	9.863	105	1051671	46.883	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	297514	53.638	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	867510	46.452	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	879262	47.032	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	478900	49.646	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	483435	49.283	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	481968	51.159	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	72871	45.463	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	320014	46.748	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	308970	47.060	ug/L	99
71) Naphthalene	13.432	128	993481	47.188	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	310840	48.367	ug/L	99

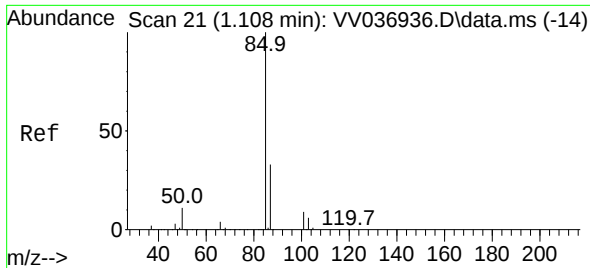
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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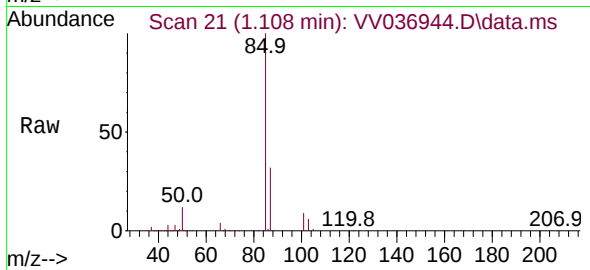
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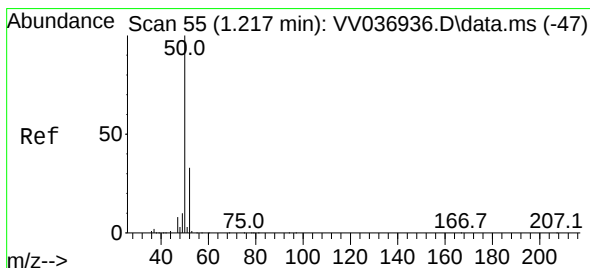
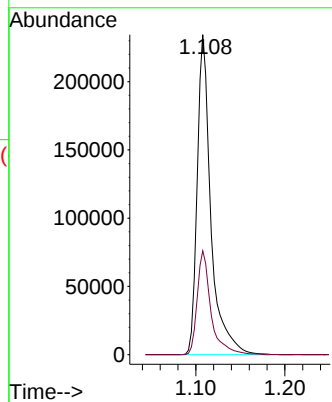
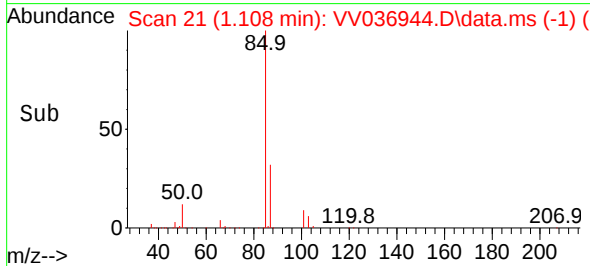


#2
 Dichlorodifluoromethane
 Concen: 47.835 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV036944.D
 Acq: 15 Aug 2024 17:11

Instrument :
 MSVOA_V
 ClientSampleId :

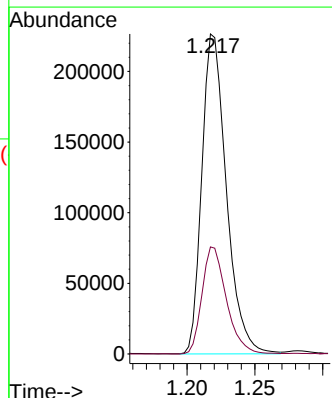
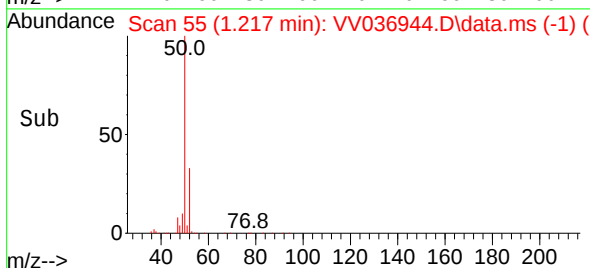
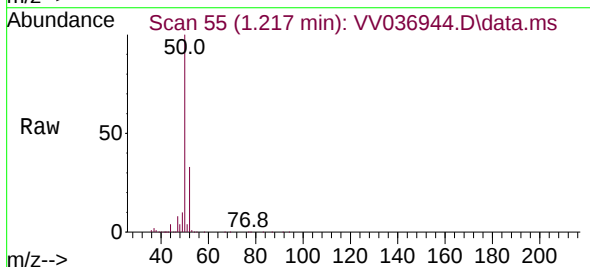


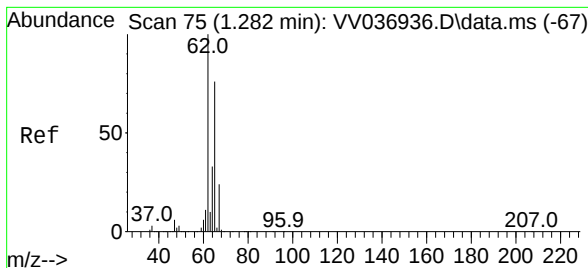
Tgt Ion: 85 Resp: 251144
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 52.061 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV036944.D
 Acq: 15 Aug 2024 17:11

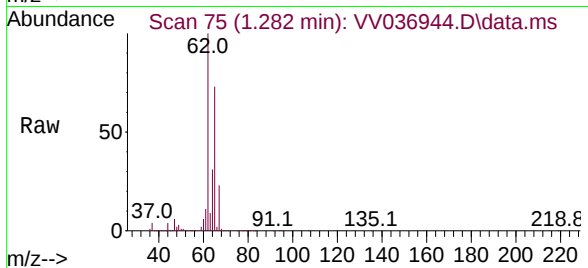
Tgt Ion: 50 Resp: 286051
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.0 42.8



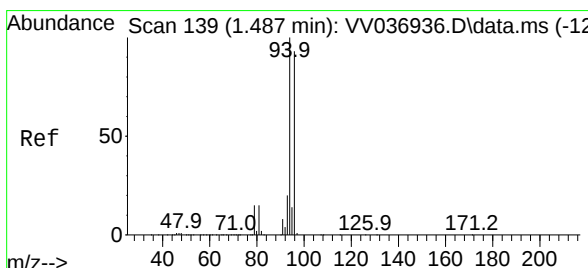
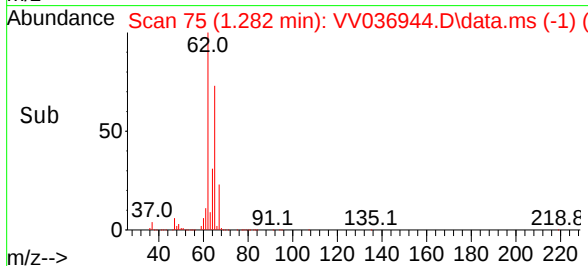
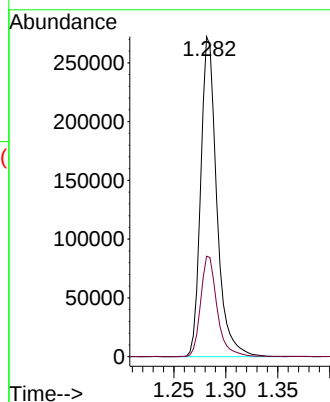


#5
 Vinyl chloride
 Concen: 51.814 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV036944.D
 Acq: 15 Aug 2024 17:11

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 MSVOA_V
 ClientSampleId :

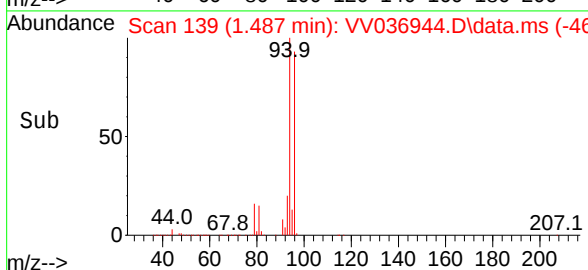
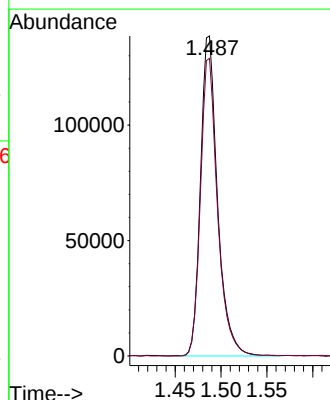
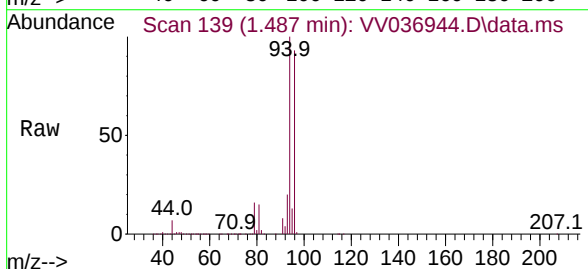


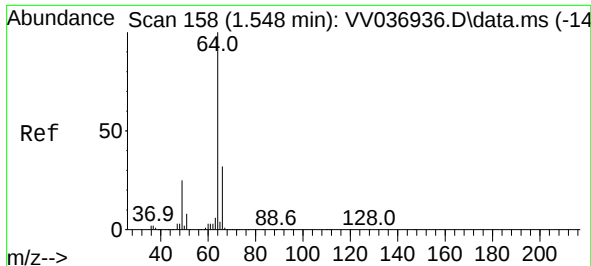
Tgt Ion: 62 Resp: 292359
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.6 43.8



#6
 Bromomethane
 Concen: 50.475 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV036944.D
 Acq: 15 Aug 2024 17:11

Tgt Ion: 94 Resp: 179315
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.5 121.7

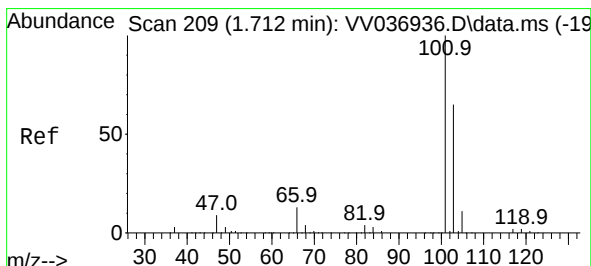
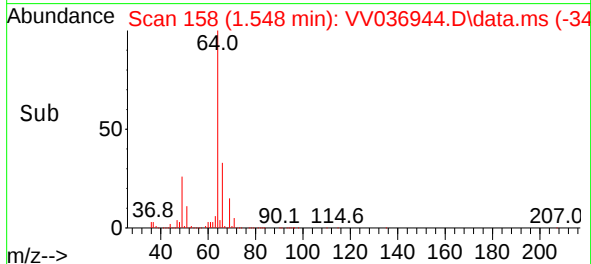
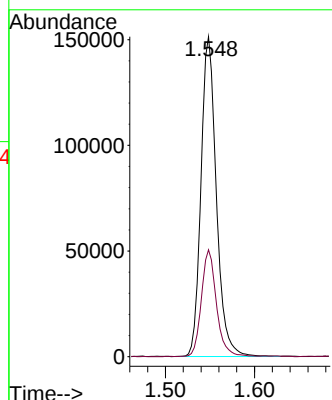
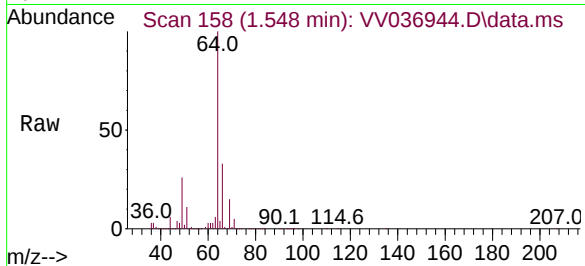




#8
Chloroethane
Concen: 51.905 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

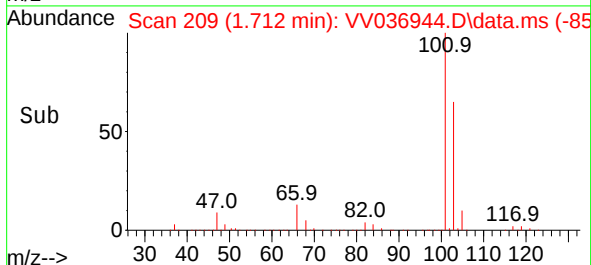
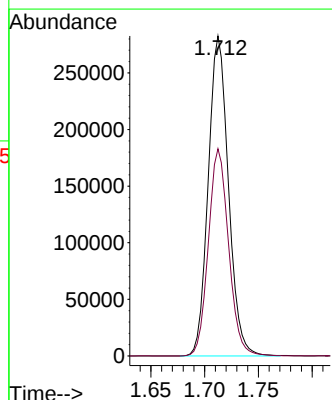
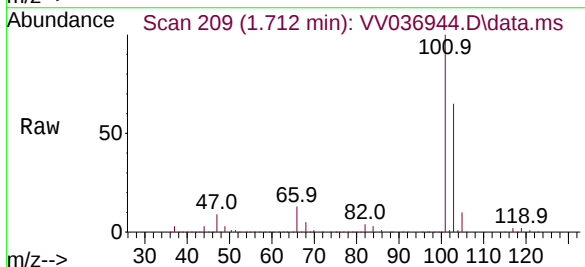
Instrument :
MSVOA_V
ClientSampleId :

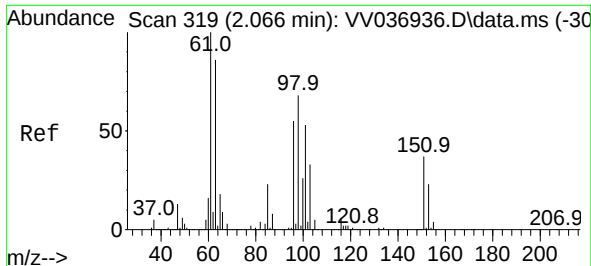
Tgt Ion: 64 Resp: 181413
Ion Ratio Lower Upper
64 100
66 33.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 49.970 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion:101 Resp: 369322
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0





#10

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

Concen: 47.182 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

ClientSampleId :

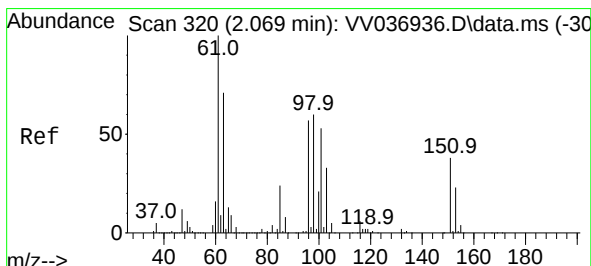
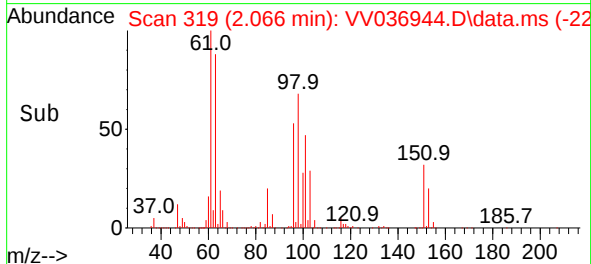
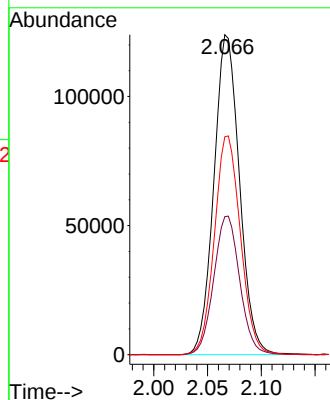
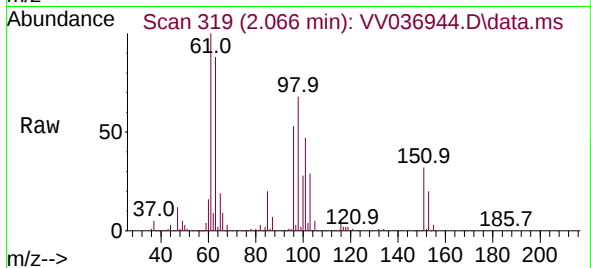
Tgt Ion:101 Resp: 205481

Ion Ratio Lower Upper

101 100

85 44.0 34.6 51.8

151 69.6 55.9 83.9



#12

1,1-Dichloroethene

Concen: 49.662 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

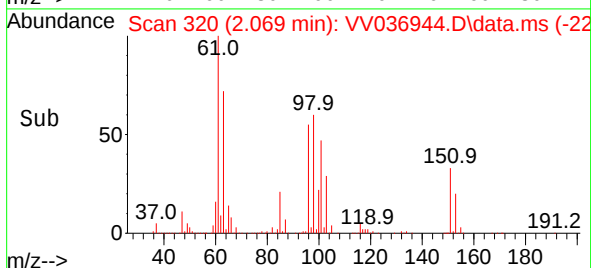
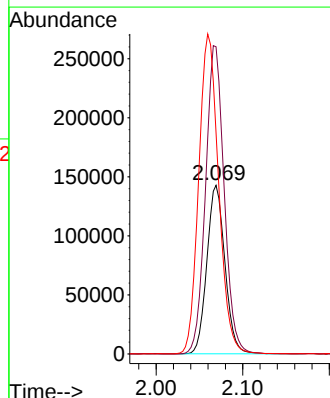
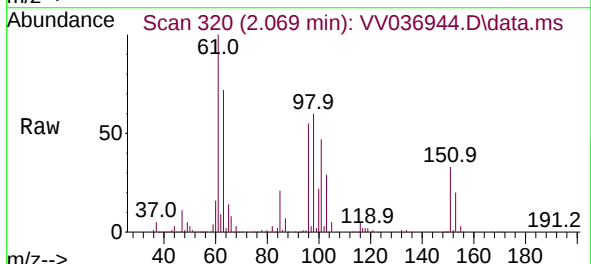
Tgt Ion: 96 Resp: 206564

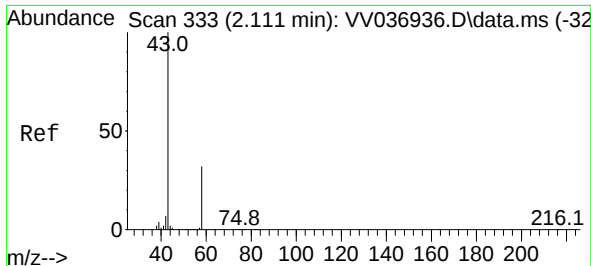
Ion Ratio Lower Upper

96 100

61 182.1 125.6 233.2

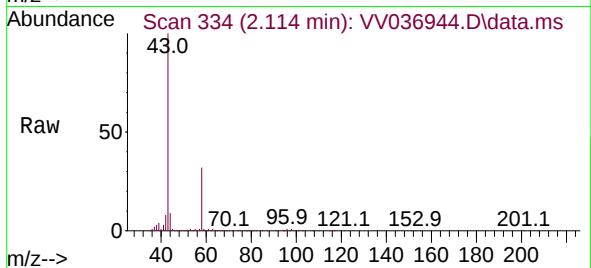
63 131.1 95.1 176.7



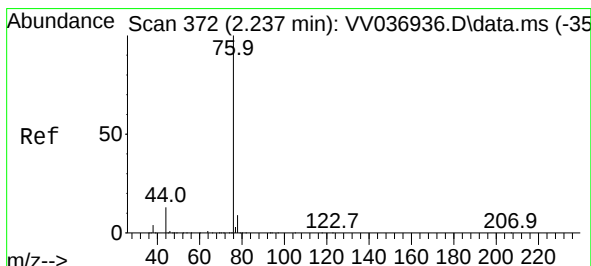
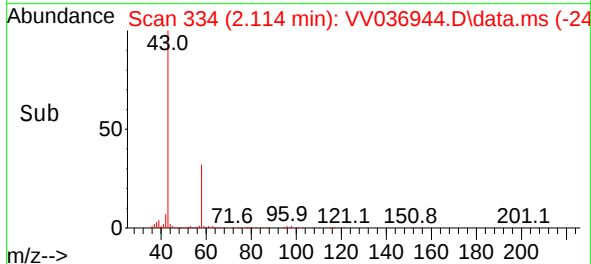
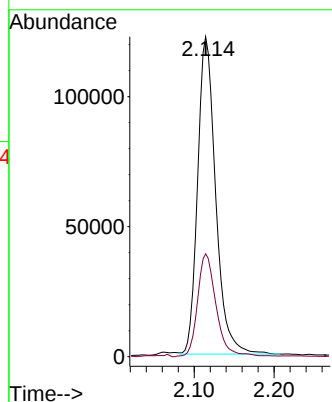


#13
Acetone
Concen: 82.320 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV036944.D
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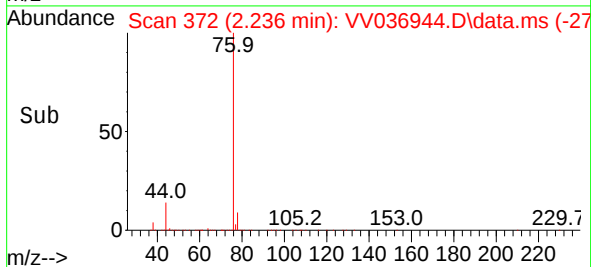
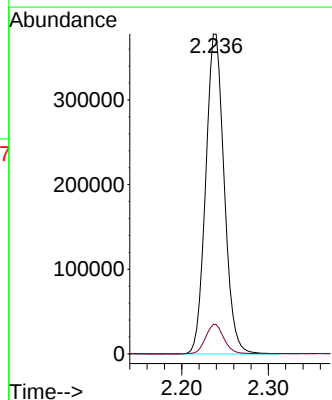
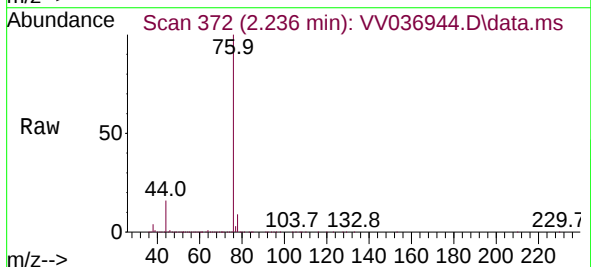


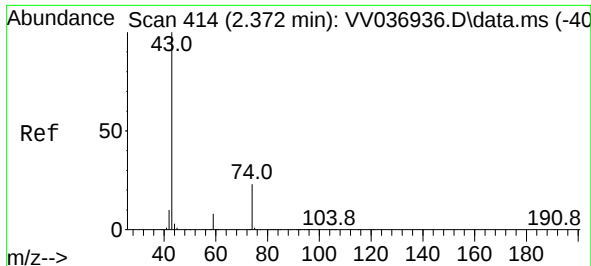
Tgt Ion: 43 Resp: 191919
Ion Ratio Lower Upper
43 100
58 32.7 0.0 63.4



#14
Carbon disulfide
Concen: 42.847 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.000 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion: 76 Resp: 559820
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

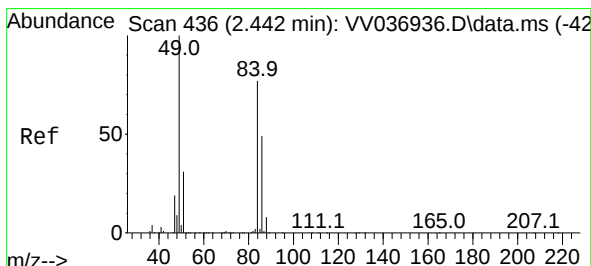
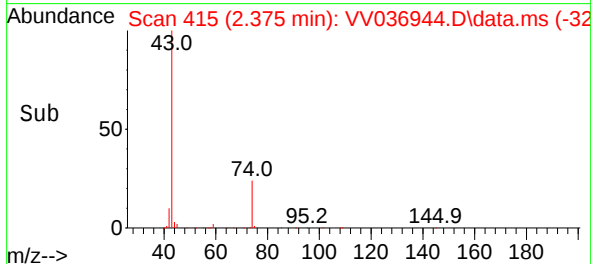
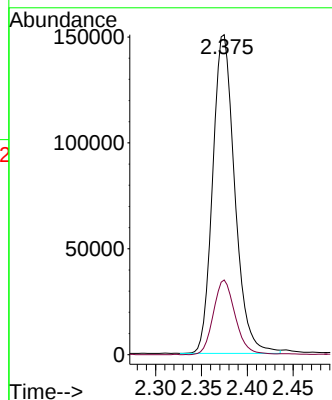
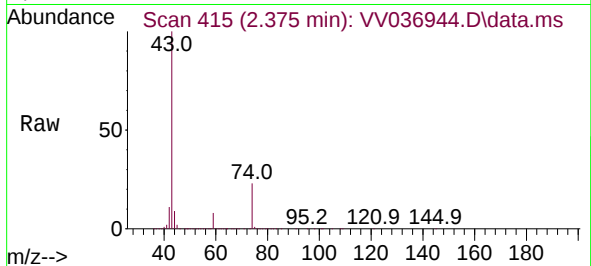




#15
Methyl Acetate
Concen: 52.520 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

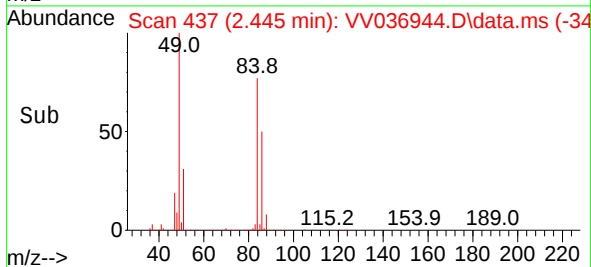
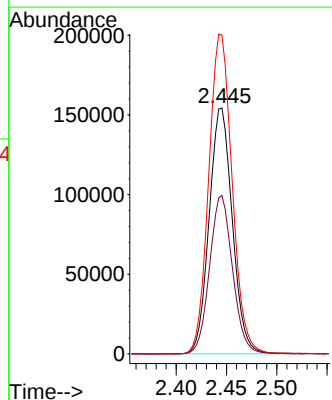
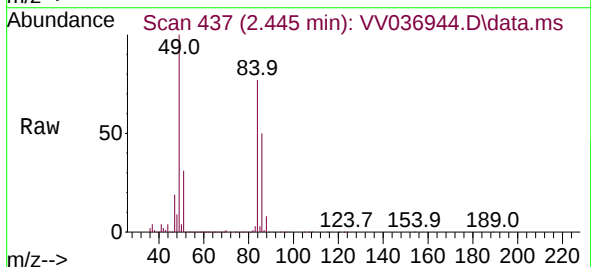
Instrument :
MSVOA_V
ClientSampleId :

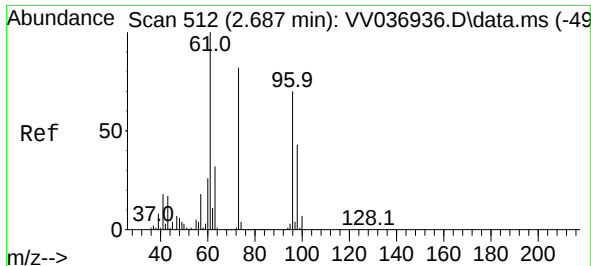
Tgt Ion: 43 Resp: 252238
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.4



#16
Methylene chloride
Concen: 52.856 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion: 84 Resp: 247158
Ion Ratio Lower Upper
84 100
86 64.4 44.3 82.3
49 129.6 91.1 169.1

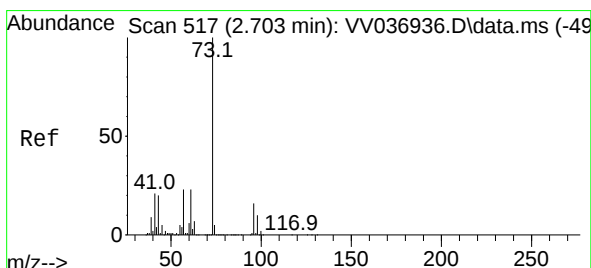
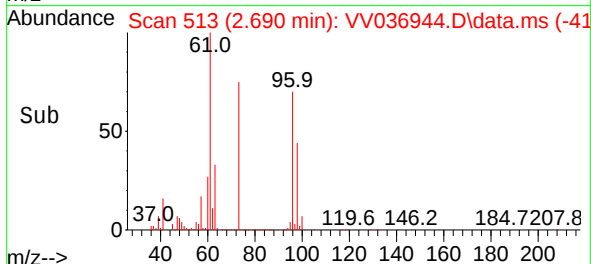
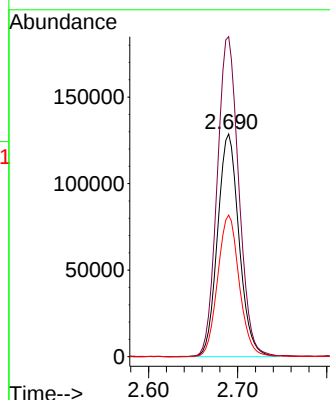
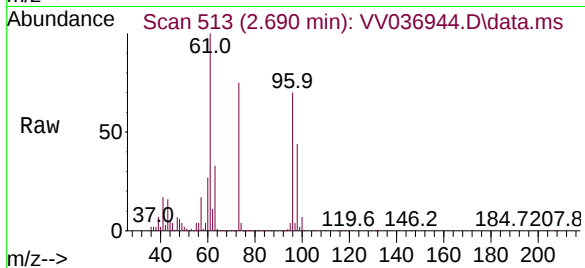




#17
trans-1,2-Dichloroethene
Concen: 50.226 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

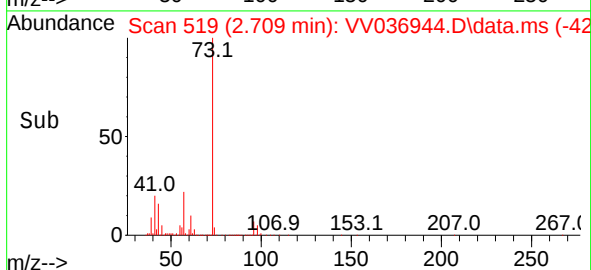
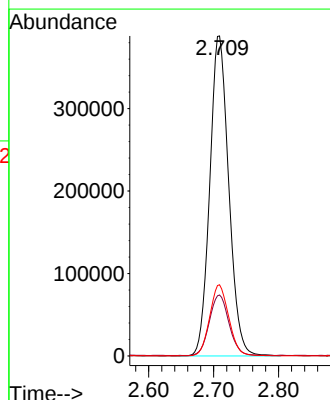
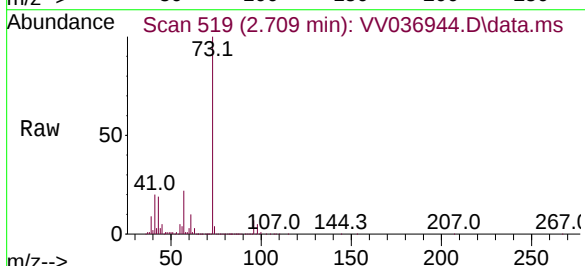
Instrument :
MSVOA_V
ClientSampleId :

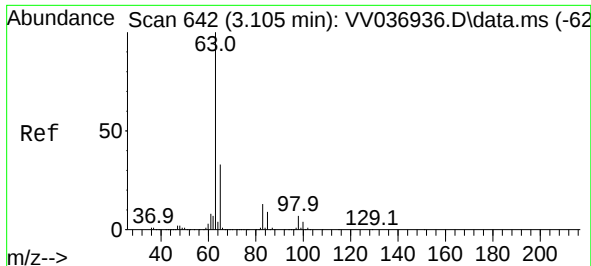
Tgt Ion: 96 Resp: 216395
Ion Ratio Lower Upper
96 100
61 143.7 100.0 185.8
98 63.6 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 51.829 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

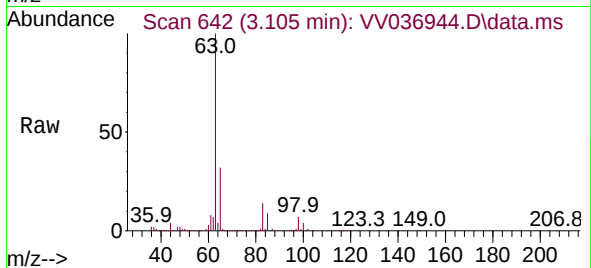
Tgt Ion: 73 Resp: 786464
Ion Ratio Lower Upper
73 100
43 19.6 16.1 24.1
57 22.3 17.9 26.9



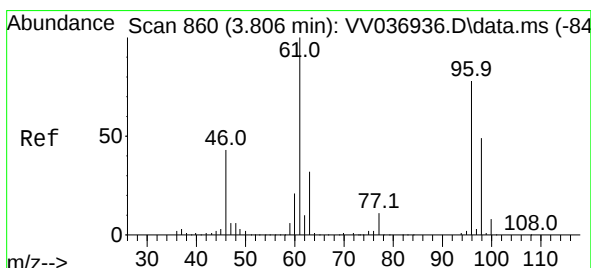
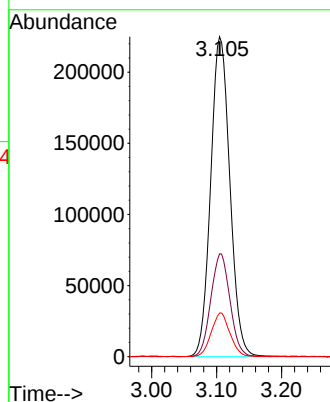
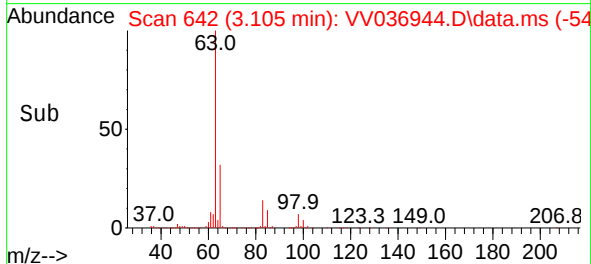


#19
1,1-Dichloroethane
Concen: 53.099 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Instrument :
MSVOA_V
ClientSampleId :

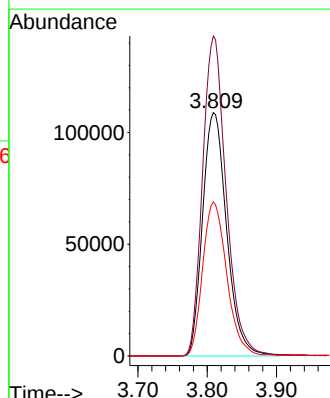
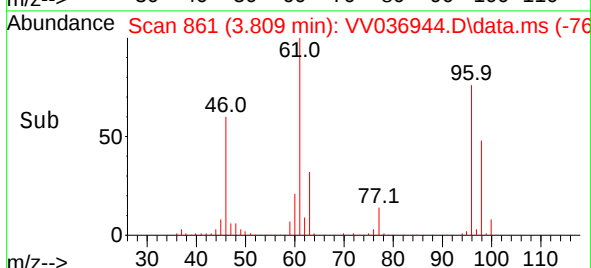
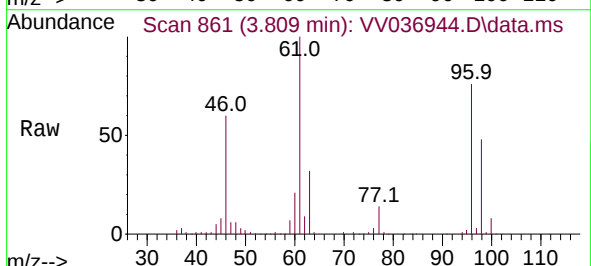


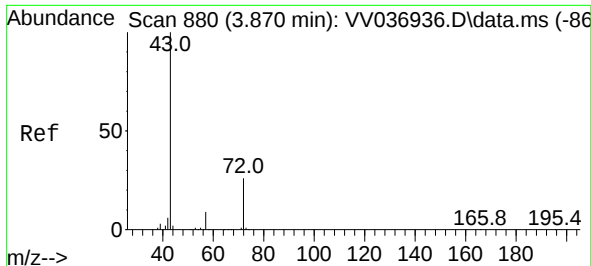
Tgt Ion: 63 Resp: 462203
Ion Ratio Lower Upper
63 100
65 32.1 23.2 43.0
83 13.7 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 51.990 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion: 96 Resp: 262907
Ion Ratio Lower Upper
96 100
61 131.5 93.9 174.5
98 63.3 46.0 85.4





#22

2-Butanone

Concen: 94.164 ug/L

RT: 3.879 min Scan# 880

Delta R.T. 0.010 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

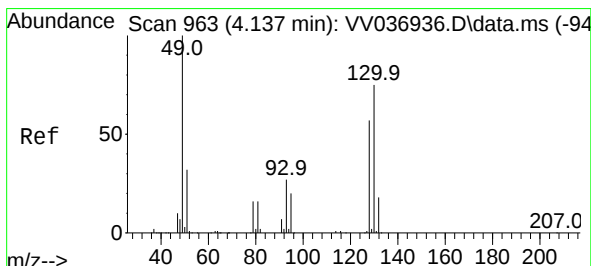
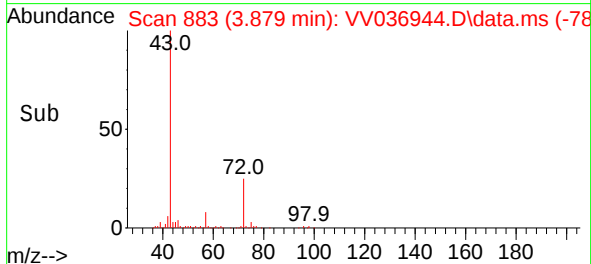
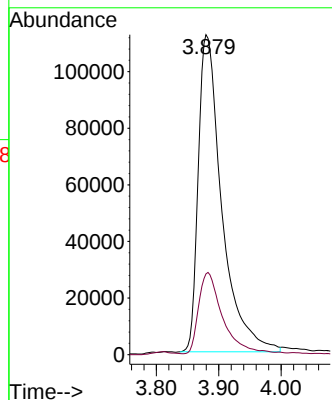
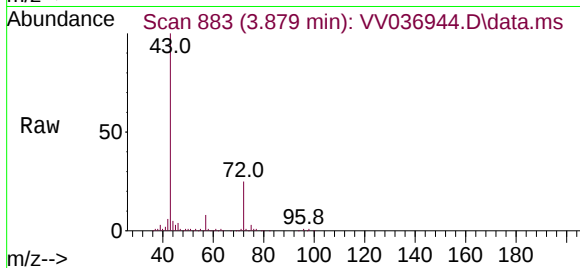
ClientSampleId :

Tgt Ion: 43 Resp: 294093

Ion Ratio Lower Upper

43 100

72 25.5 12.5 37.5



#23

Bromochloromethane

Concen: 52.913 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.006 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Tgt Ion:128 Resp: 129978

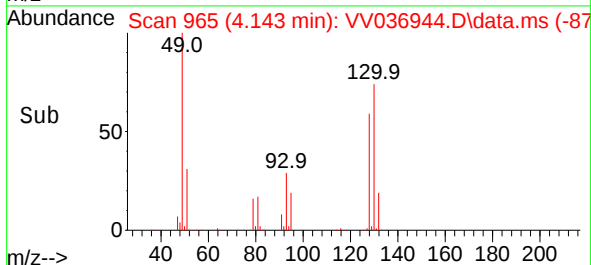
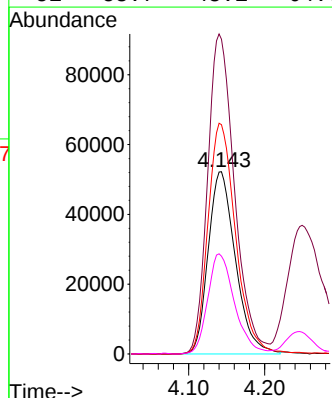
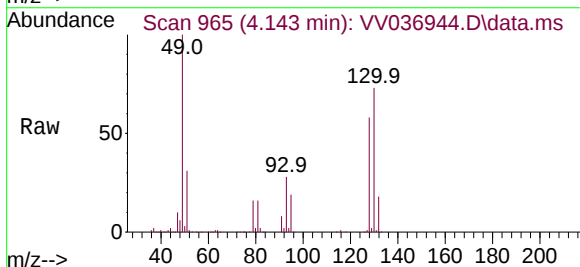
Ion Ratio Lower Upper

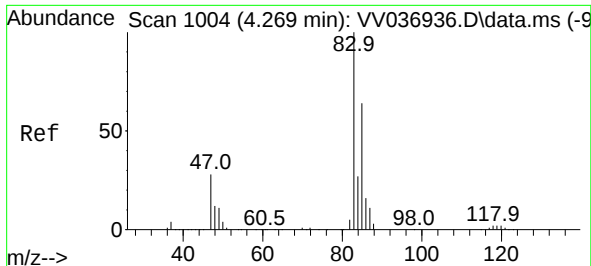
128 100

49 172.6 120.0 223.0

130 125.8 87.0 161.6

51 53.7 43.1 64.7





#25

Chloroform

Concen: 52.769 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

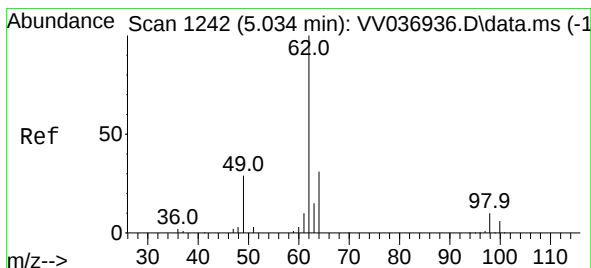
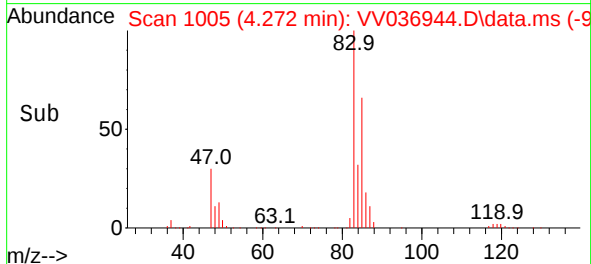
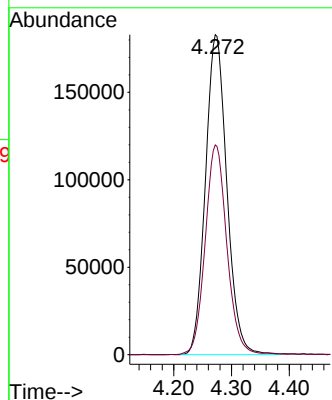
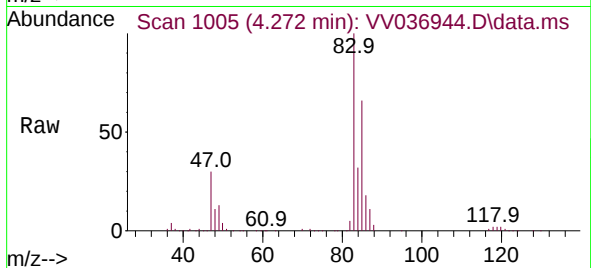
ClientSampleId :

Tgt Ion: 83 Resp: 471770

Ion Ratio Lower Upper

83 100

85 65.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 50.896 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV036944.D

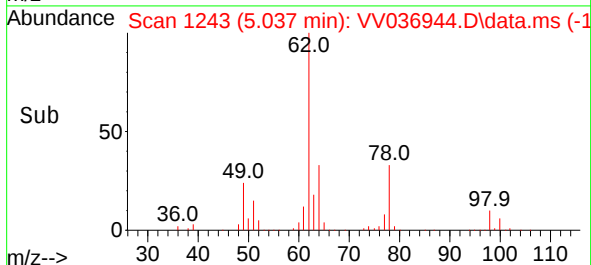
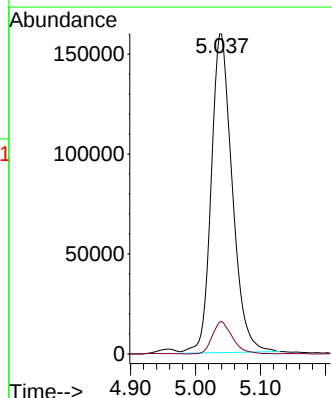
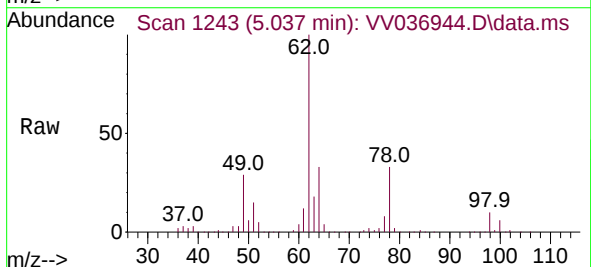
Acq: 15 Aug 2024 17:11

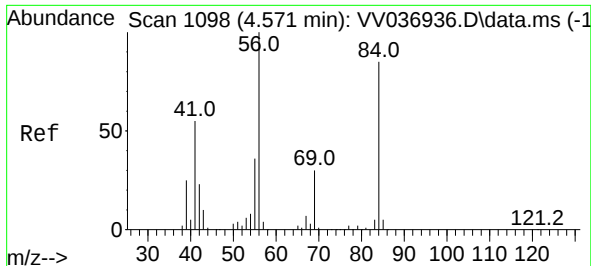
Tgt Ion: 62 Resp: 358927

Ion Ratio Lower Upper

62 100

98 10.0 7.5 11.3





#29

Cyclohexane

Concen: 41.852 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

ClientSampleId :

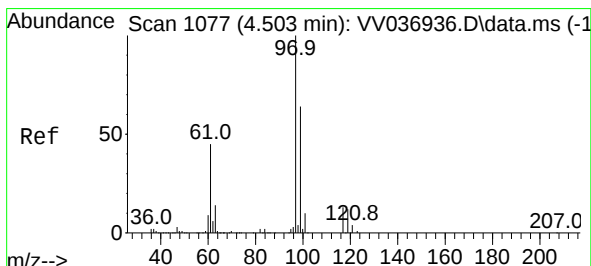
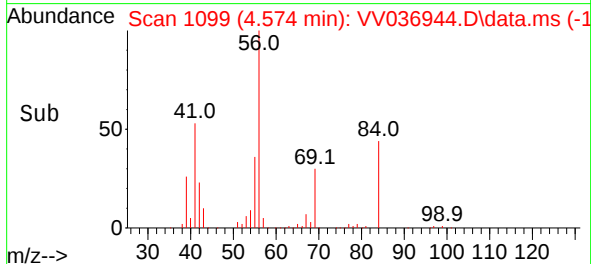
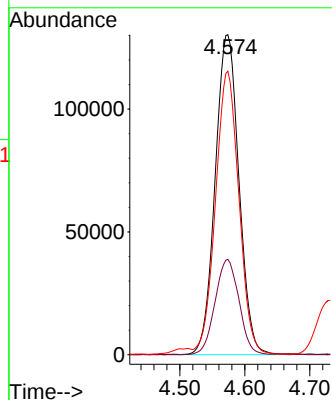
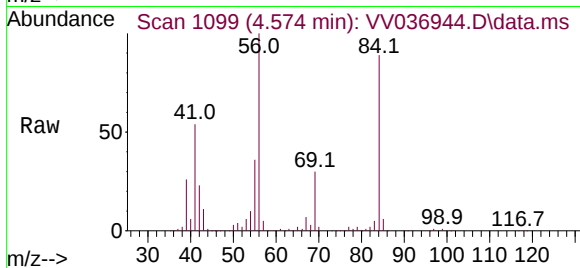
Tgt Ion: 56 Resp: 330804

Ion Ratio Lower Upper

56 100

69 29.9 24.7 37.1

84 87.0 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 49.073 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

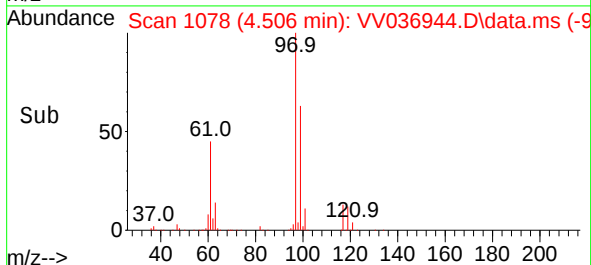
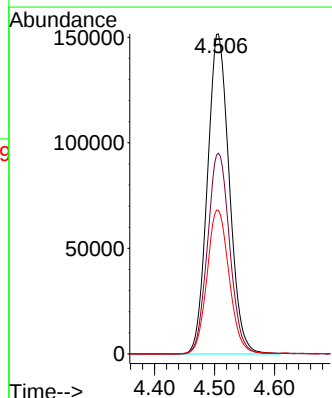
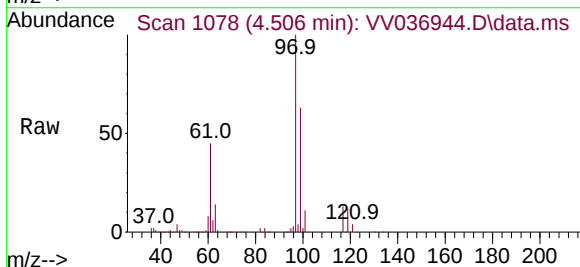
Tgt Ion: 97 Resp: 383549

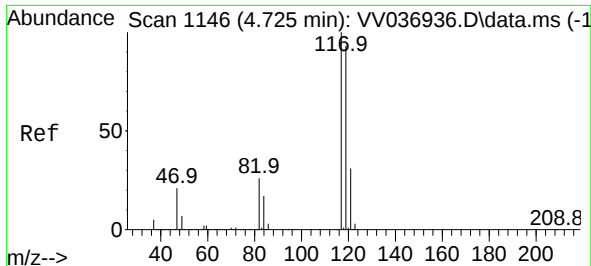
Ion Ratio Lower Upper

97 100

99 63.6 51.5 77.3

61 45.5 36.0 54.0

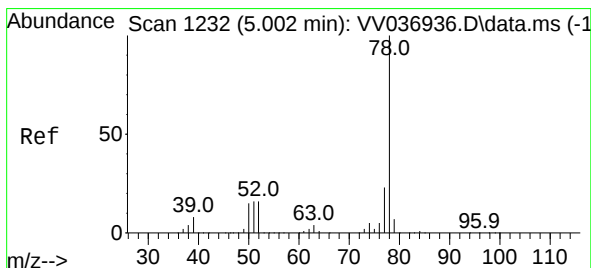
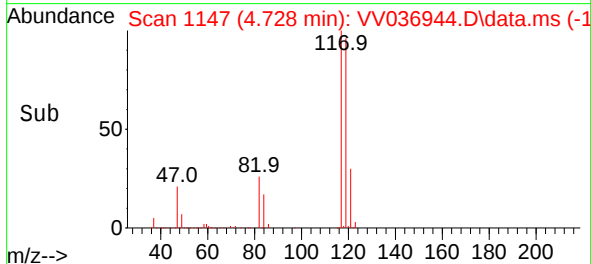
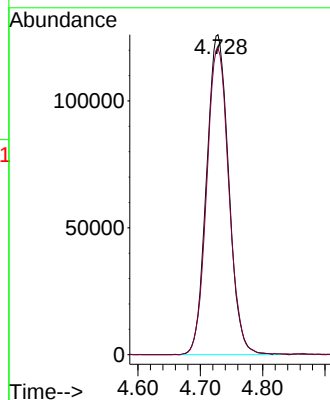
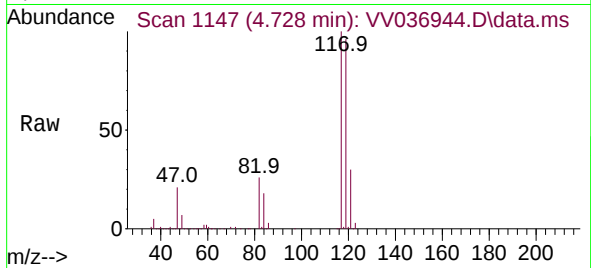




#31
Carbon tetrachloride
Concen: 47.378 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

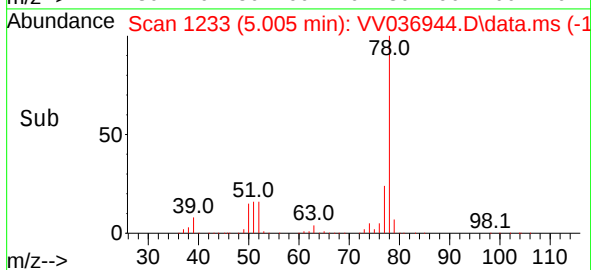
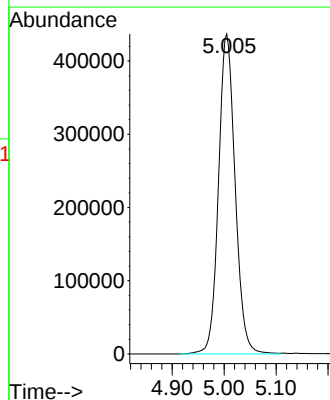
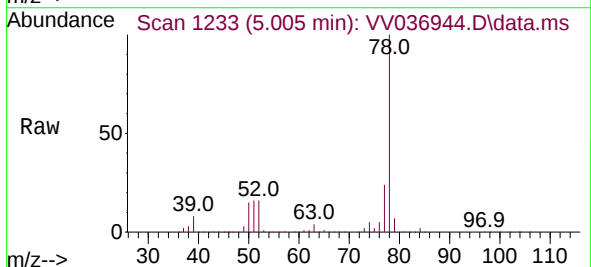
Instrument :
MSVOA_V
ClientSampleId :

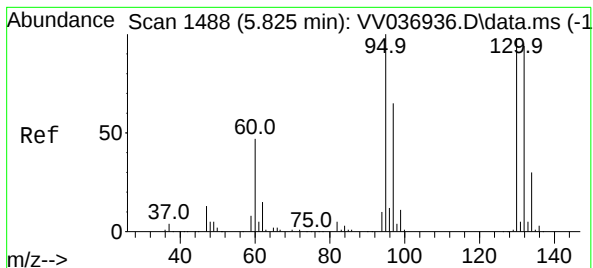
Tgt Ion:117 Resp: 310987
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1



#33
Benzene
Concen: 52.369 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion: 78 Resp: 971712





#34

Trichloroethene

Concen: 47.852 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 257328

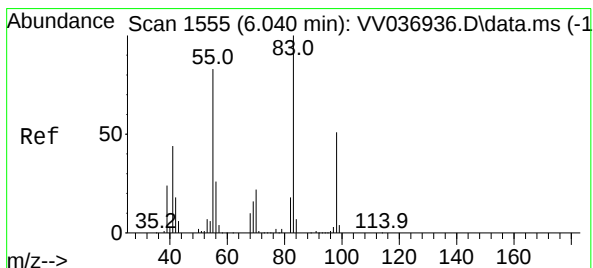
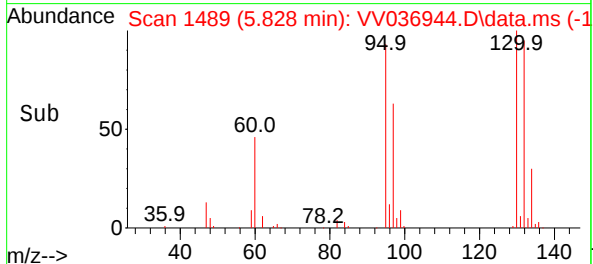
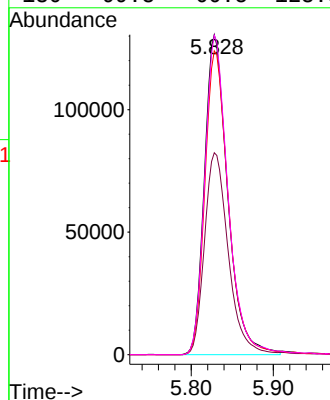
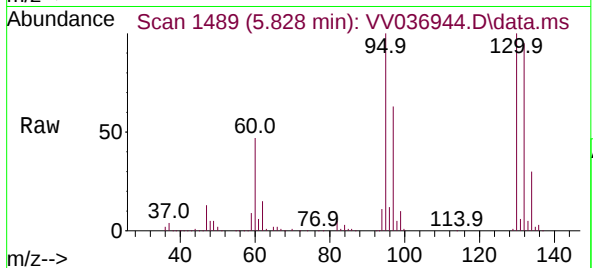
Ion Ratio Lower Upper

95 100

97 63.1 44.7 82.9

132 94.9 62.9 116.9

130 99.8 66.5 123.5



#35

Methylcyclohexane

Concen: 39.800 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

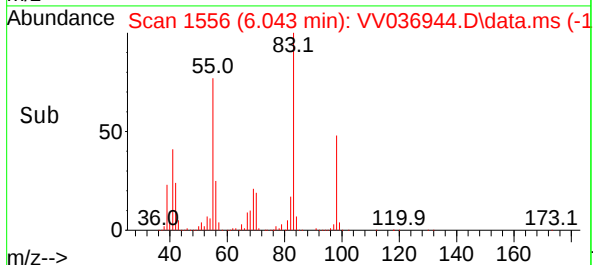
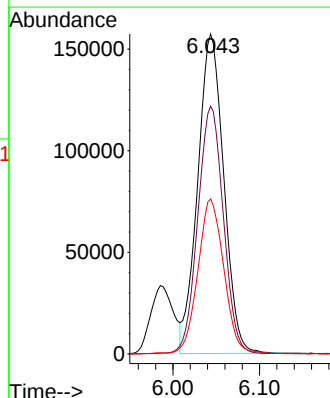
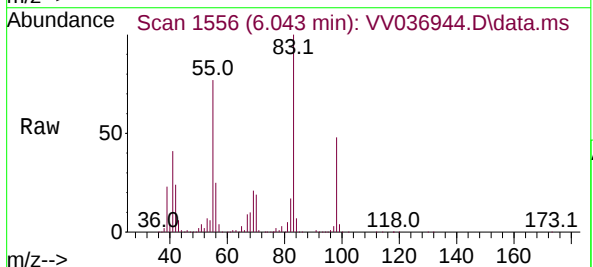
Tgt Ion: 83 Resp: 328424

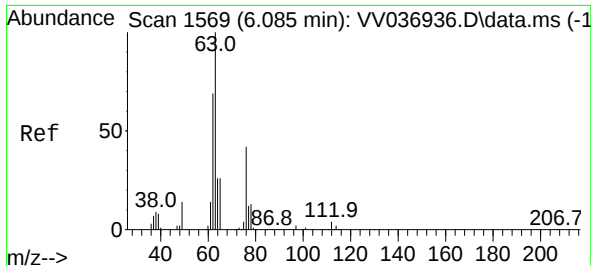
Ion Ratio Lower Upper

83 100

55 76.1 62.3 93.5

98 48.5 38.7 58.1

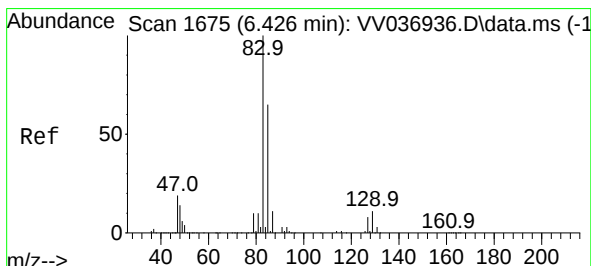
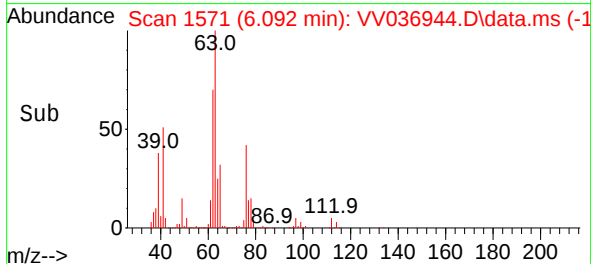
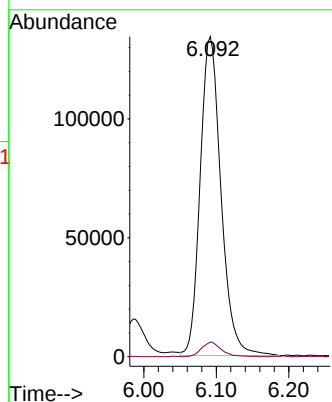
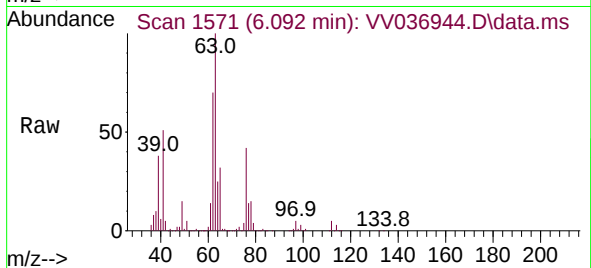




#37
1,2-Dichloropropane
Concen: 54.438 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

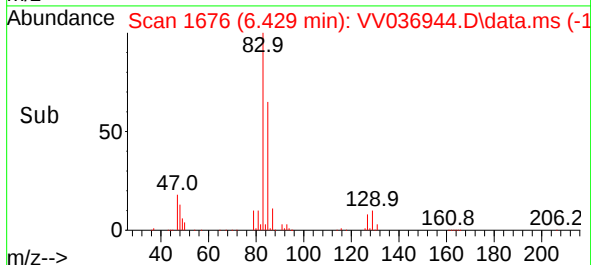
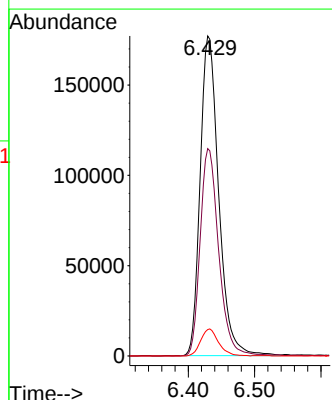
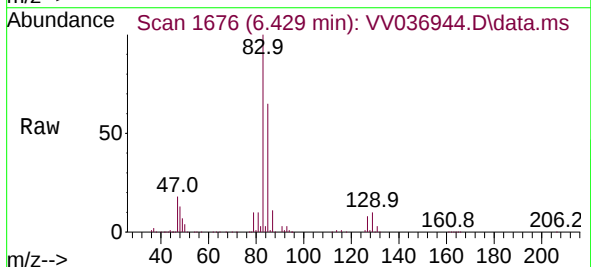
Instrument :
MSVOA_V
ClientSampleId :

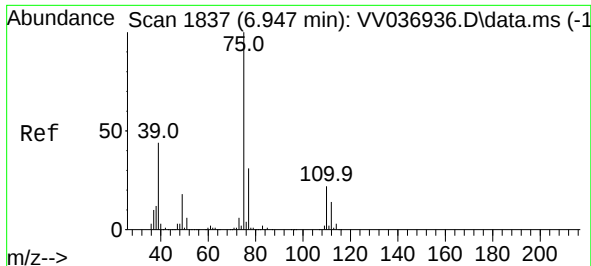
Tgt Ion: 63 Resp: 267585
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 50.732 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion: 83 Resp: 343396
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1
127 8.3 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 47.048 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

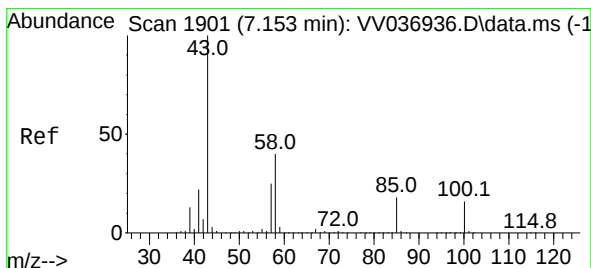
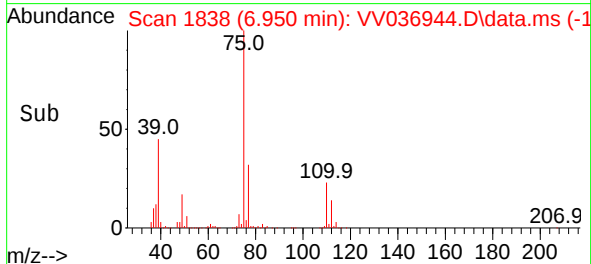
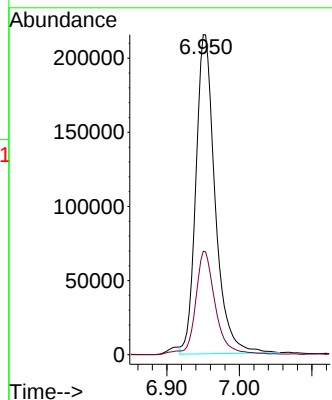
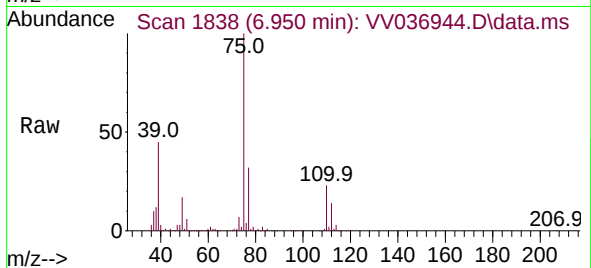
ClientSampleId :

Tgt Ion: 75 Resp: 396066

Ion Ratio Lower Upper

75 100

77 32.3 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 104.360 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

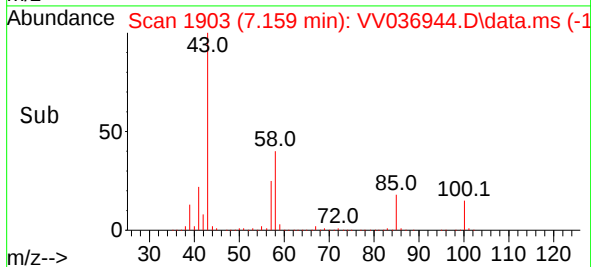
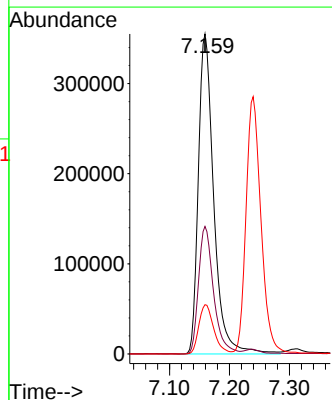
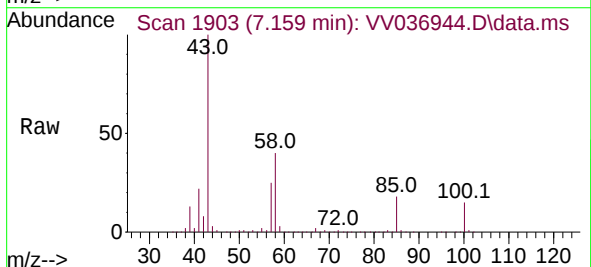
Tgt Ion: 43 Resp: 635449

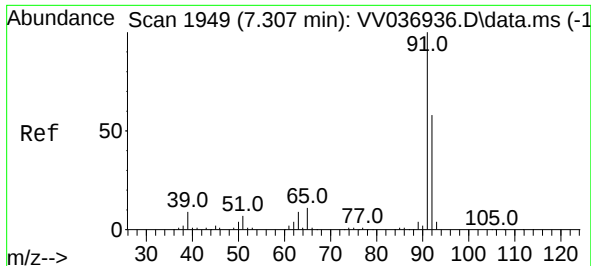
Ion Ratio Lower Upper

43 100

58 38.9 31.3 46.9

100 15.0 12.6 18.8

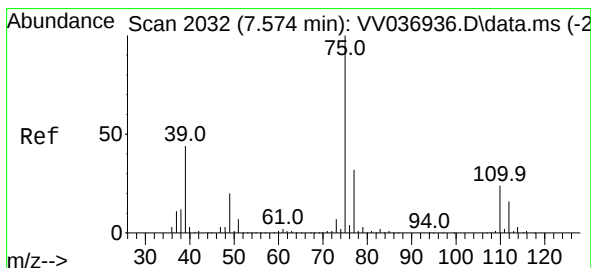
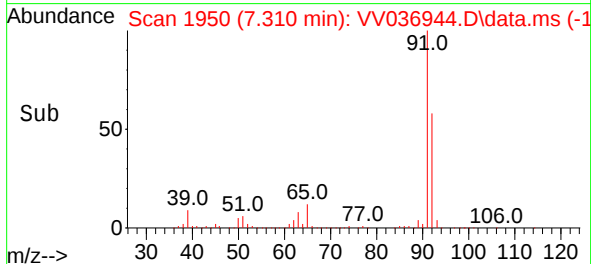
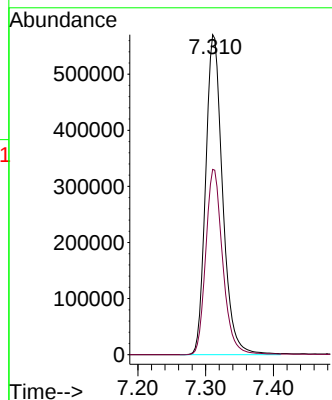
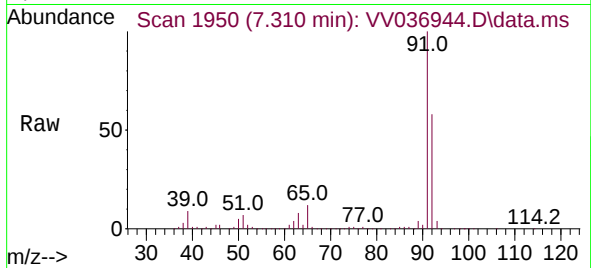




#42
Toluene
Concen: 50.172 ug/L
RT: 7.310 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

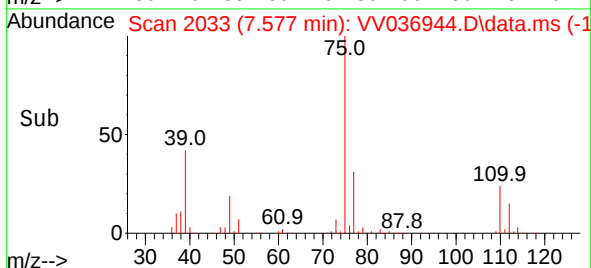
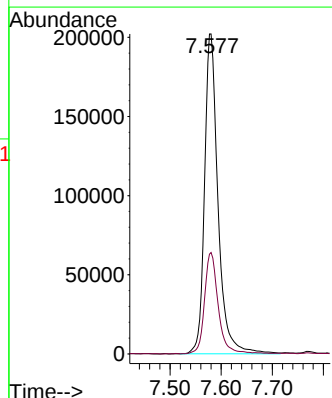
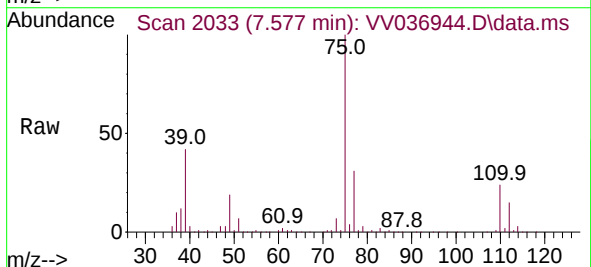
Instrument :
MSVOA_V
ClientSampleId :

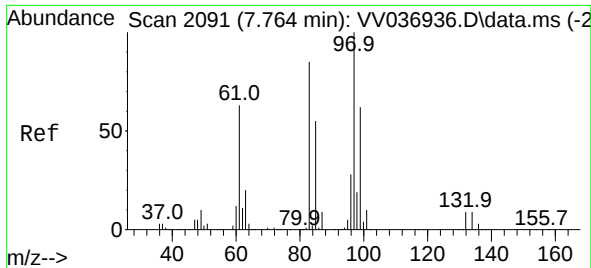
Tgt Ion: 91 Resp: 991582
Ion Ratio Lower Upper
91 100
92 57.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 47.194 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion: 75 Resp: 370210
Ion Ratio Lower Upper
75 100
77 31.2 22.4 41.6

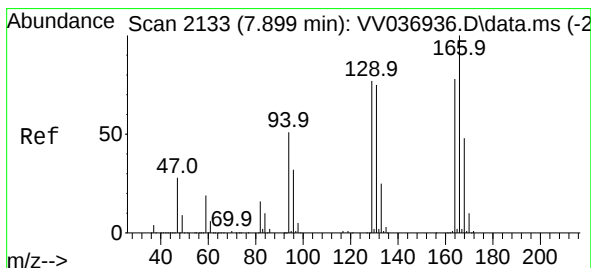
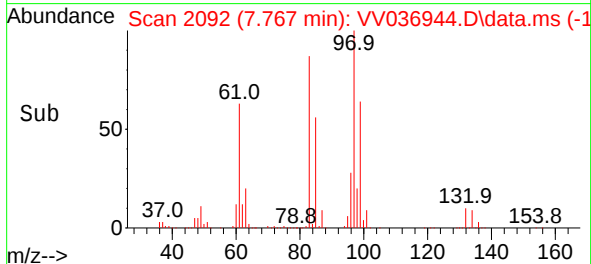
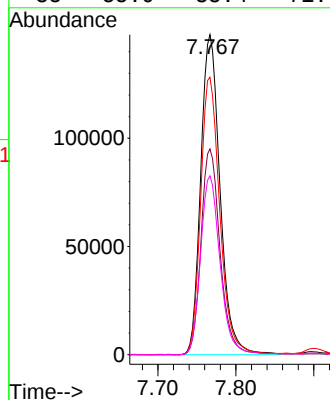
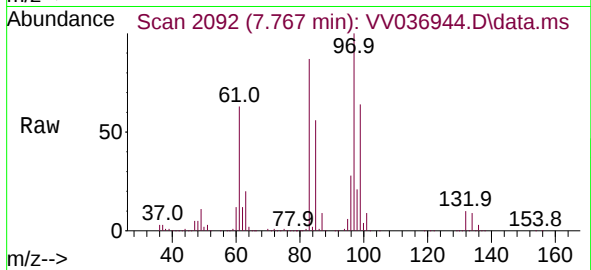




#45
1,1,2-Trichloroethane
Concen: 53.666 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

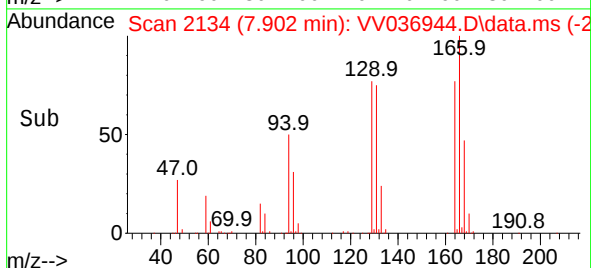
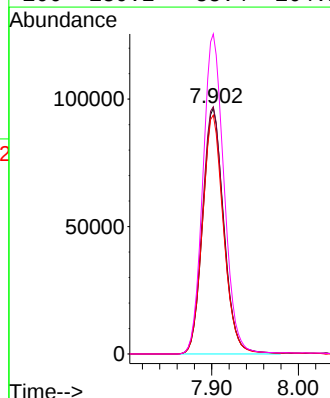
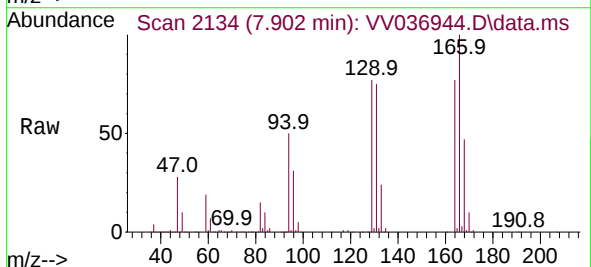
Instrument :
MSVOA_V
ClientSampleId :

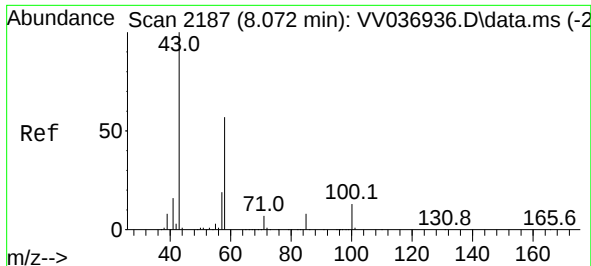
Tgt Ion:	97	Resp:	255462
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.0	81.6
83	86.7	60.1	111.5
85	55.9	38.4	71.4



#46
Tetrachloroethene
Concen: 46.147 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion:	164	Resp:	162777
Ion	Ratio	Lower	Upper
164	100		
129	100.6	70.4	130.8
131	97.2	67.7	125.7
166	130.2	88.4	164.2

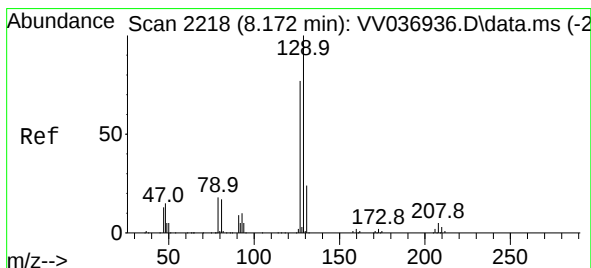
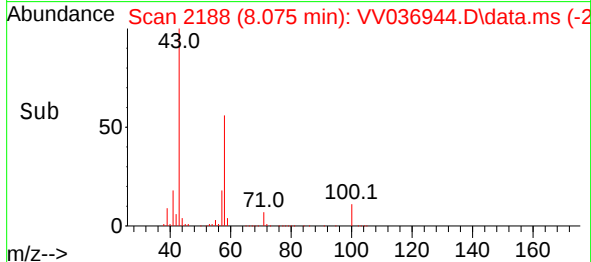
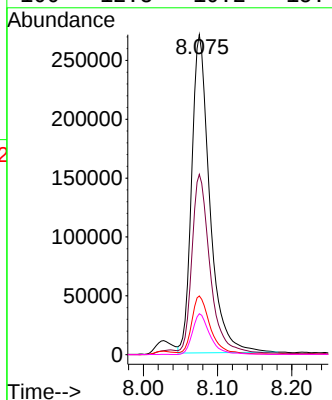
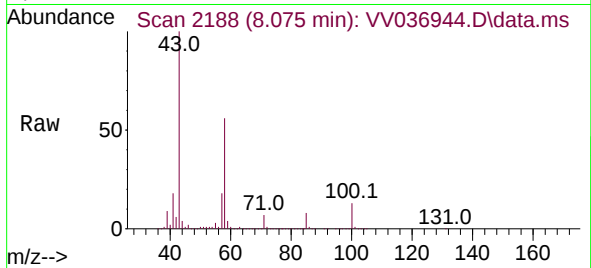




#48
2-Hexanone
Concen: 102.578 ug/L
RT: 8.075 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

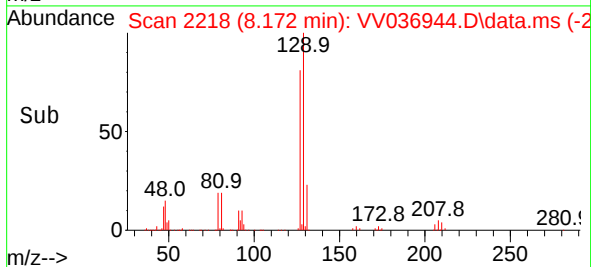
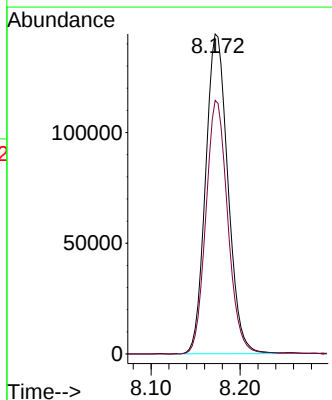
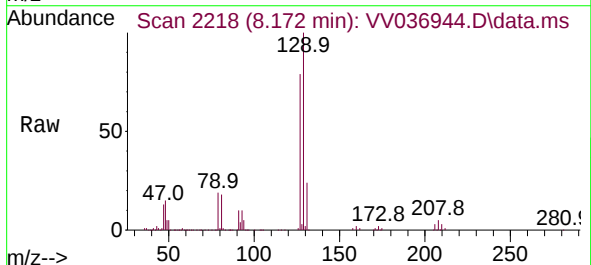
Instrument :
MSVOA_V
ClientSampleId :

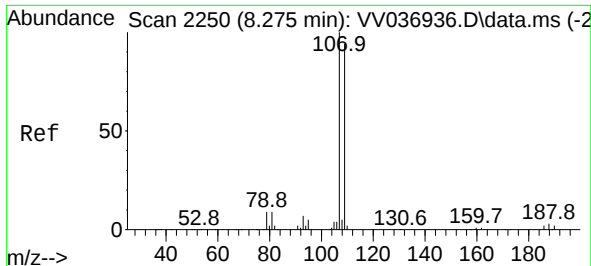
Tgt Ion: 43 Resp: 459500
Ion Ratio Lower Upper
43 100
58 56.8 44.7 67.1
57 19.4 15.0 22.4
100 12.3 10.2 15.4



#49
Dibromochloromethane
Concen: 51.399 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion:129 Resp: 251431
Ion Ratio Lower Upper
129 100
127 79.2 55.4 102.8

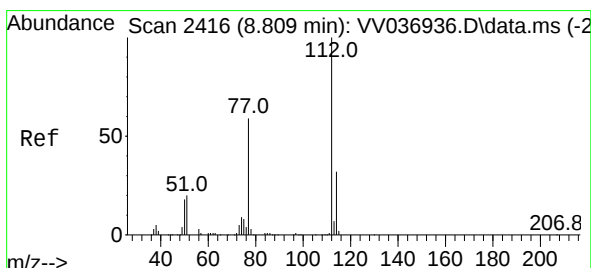
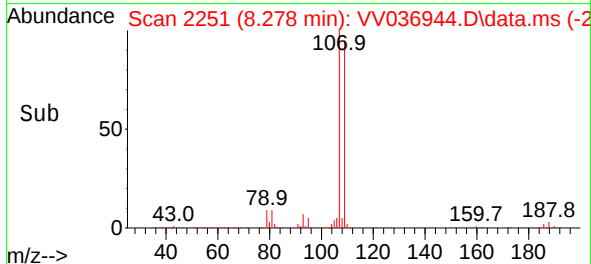
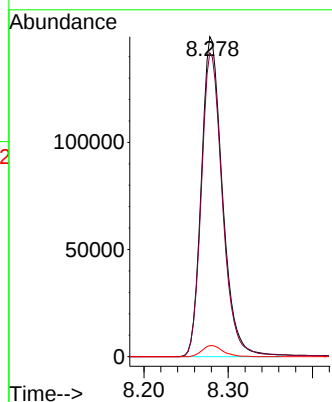
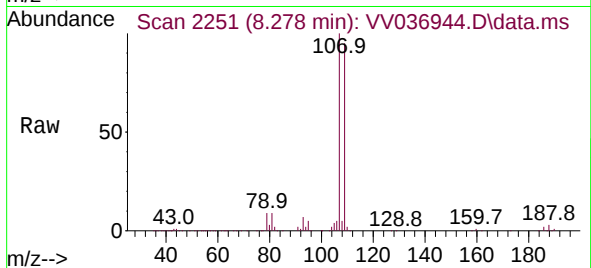




#50
1,2-Dibromoethane
Concen: 52.717 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

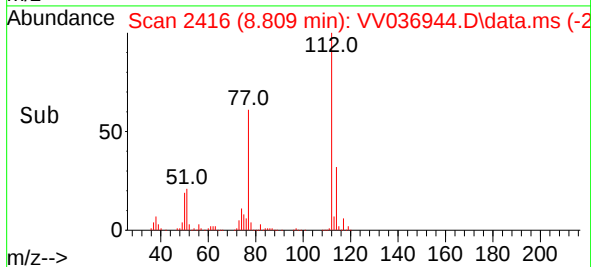
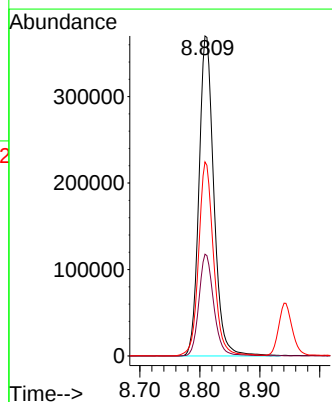
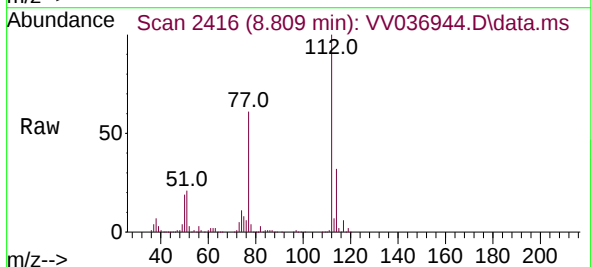
Instrument :
MSVOA_V
ClientSampleId :

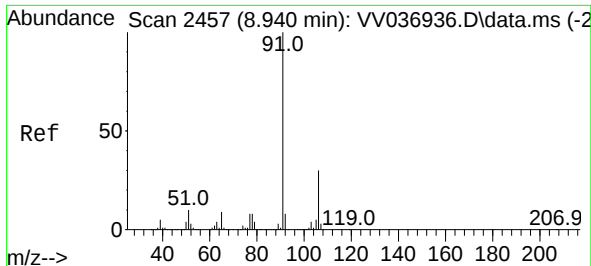
Tgt Ion:107 Resp: 260366
Ion Ratio Lower Upper
107 100
109 94.9 64.7 120.1
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 50.583 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion:112 Resp: 641441
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 60.6 48.9 73.3





#52

Ethylbenzene

Concen: 47.963 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

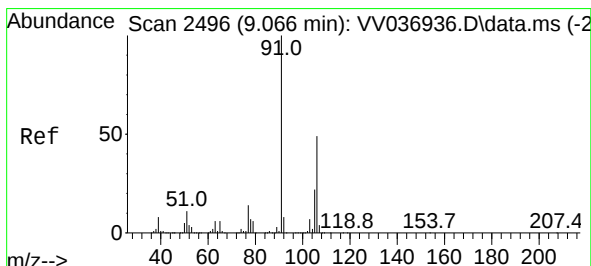
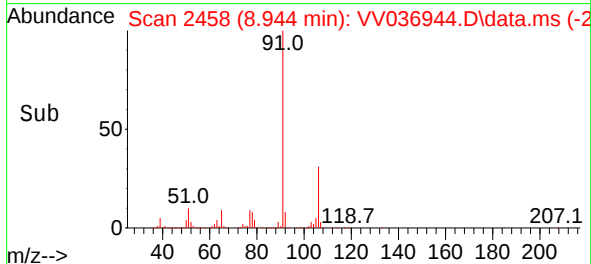
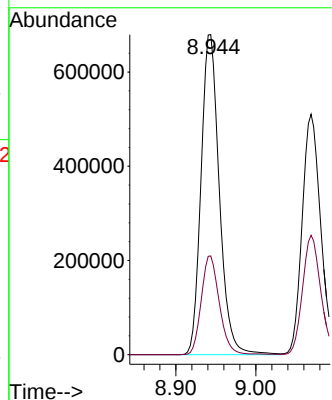
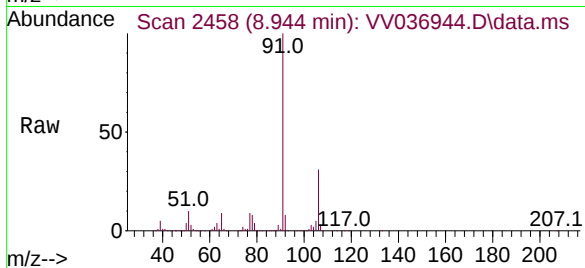
ClientSampleId :

Tgt Ion: 91 Resp: 1082347

Ion Ratio Lower Upper

91 100

106 30.8 21.1 39.1



#53

m,p-Xylene

Concen: 48.266 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036944.D

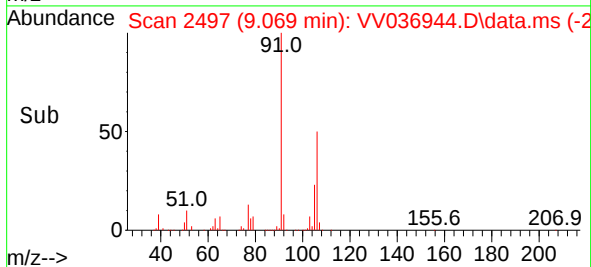
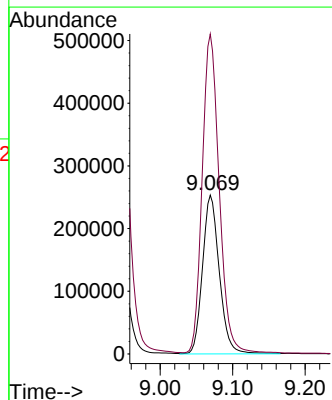
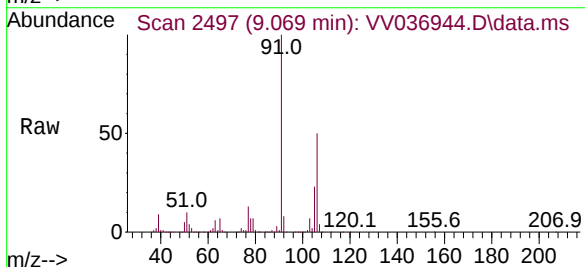
Acq: 15 Aug 2024 17:11

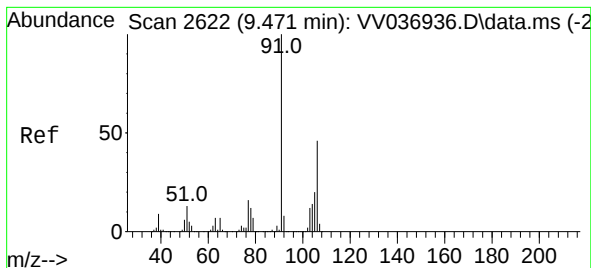
Tgt Ion:106 Resp: 407134

Ion Ratio Lower Upper

106 100

91 201.4 147.1 273.3





#54

o-Xylene

Concen: 49.430 ug/L

RT: 9.474 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

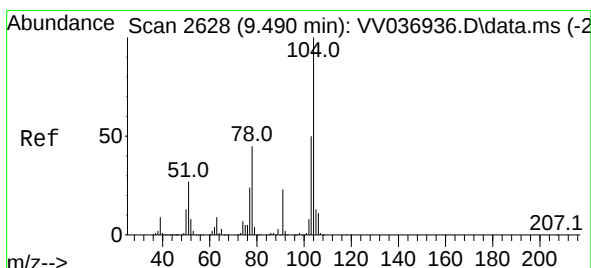
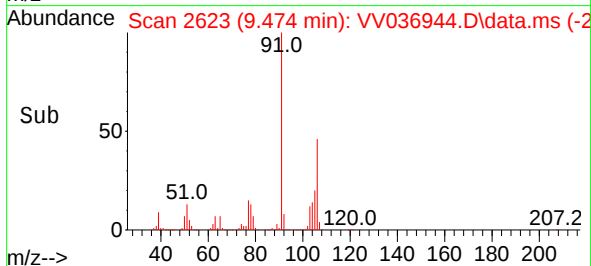
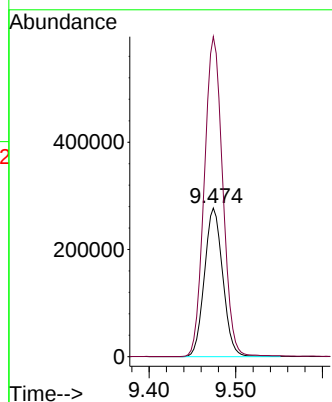
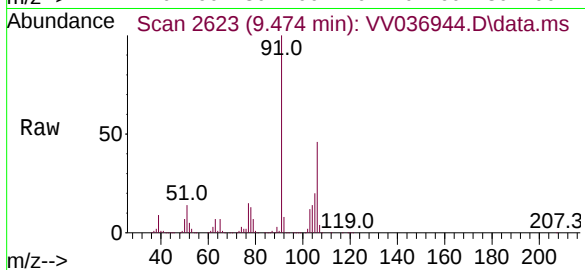
ClientSampleId :

Tgt Ion:106 Resp: 407809

Ion Ratio Lower Upper

106 100

91 215.3 154.5 286.9



#55

Styrene

Concen: 50.591 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.000 min

Lab File: VV036944.D

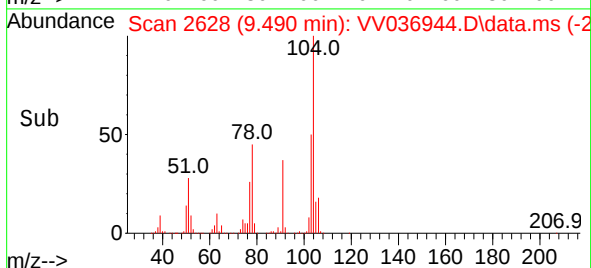
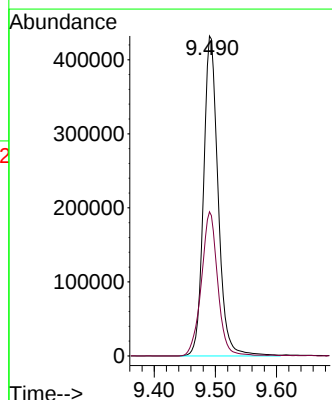
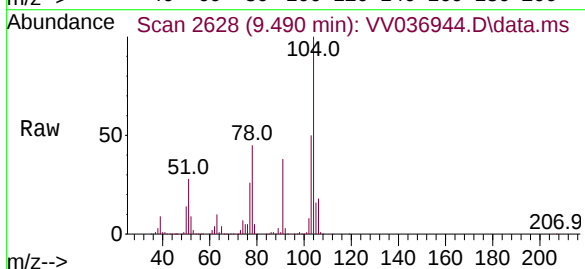
Acq: 15 Aug 2024 17:11

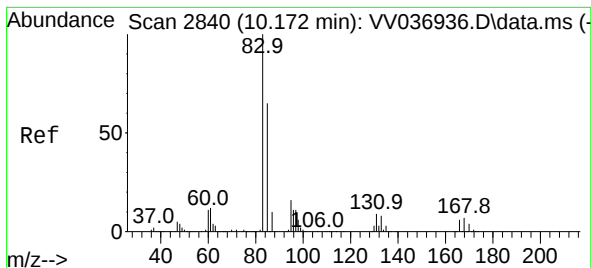
Tgt Ion:104 Resp: 715278

Ion Ratio Lower Upper

104 100

78 45.1 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 56.119 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

ClientSampleId :

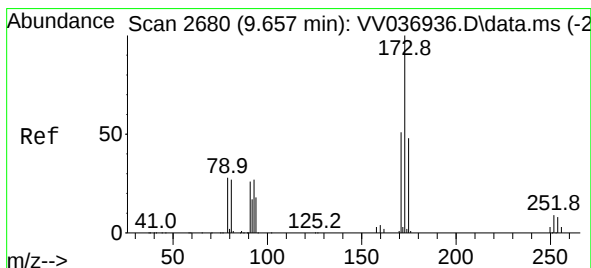
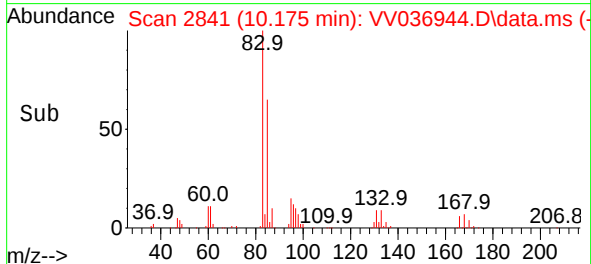
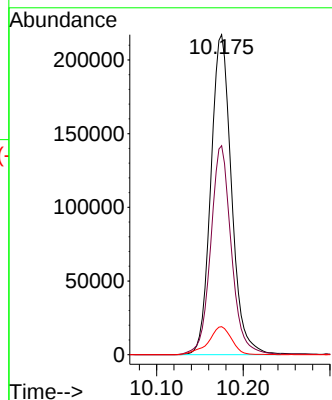
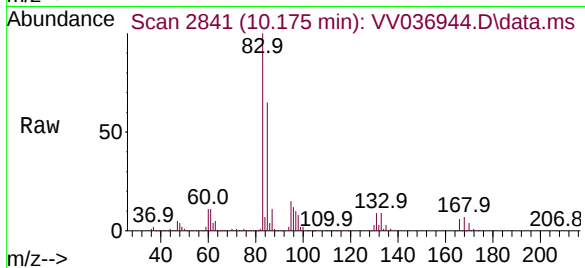
Tgt Ion: 83 Resp: 360458

Ion Ratio Lower Upper

83 100

85 65.3 44.7 83.1

131 8.7 7.2 10.8



#59

Bromoform

Concen: 48.104 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

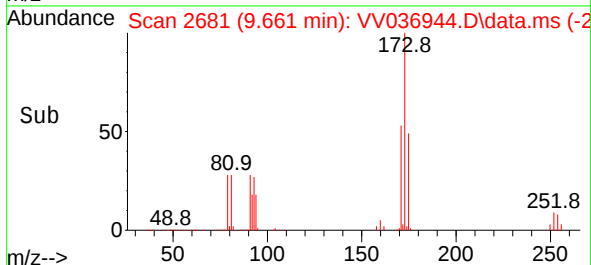
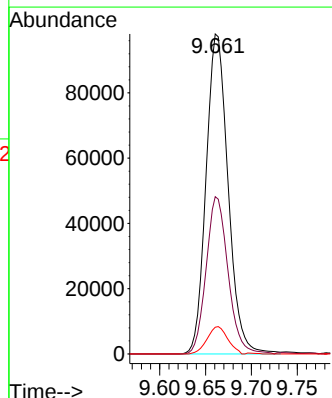
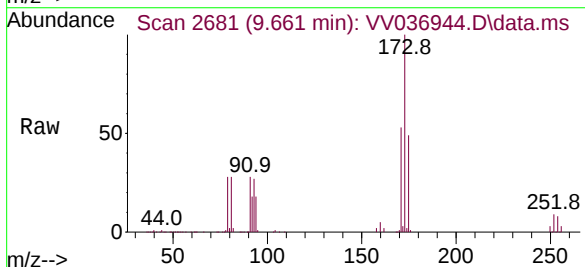
Tgt Ion: 173 Resp: 163973

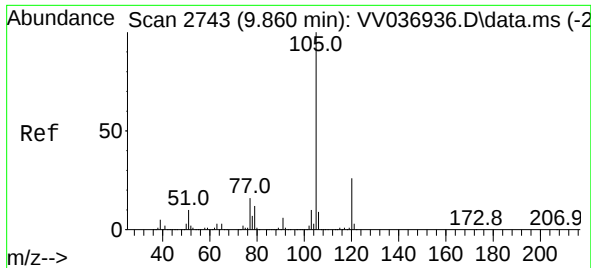
Ion Ratio Lower Upper

173 100

175 48.8 39.8 59.8

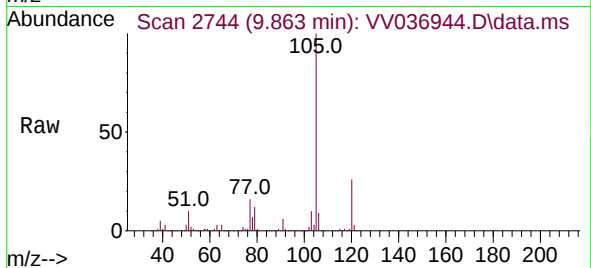
254 8.0 6.8 10.2



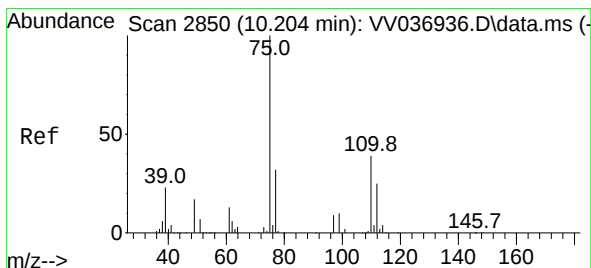
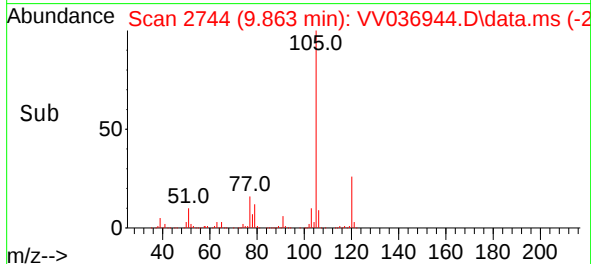
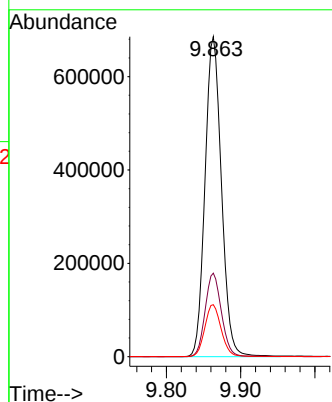


#60
Isopropylbenzene
Concen: 46.883 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Instrument :
MSVOA_V
ClientSampleId :

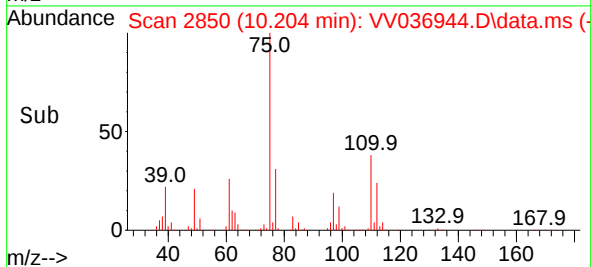
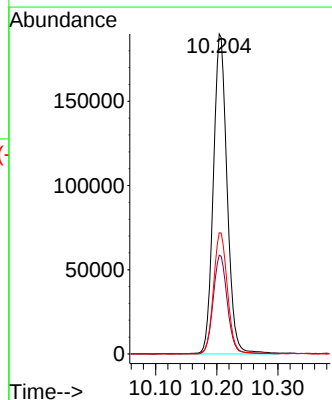
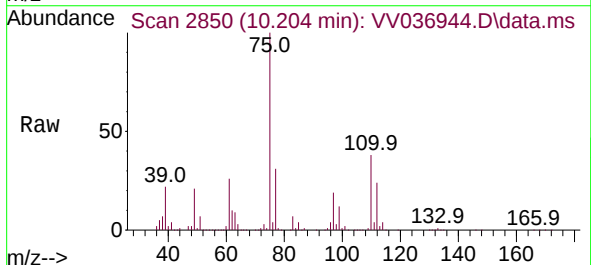


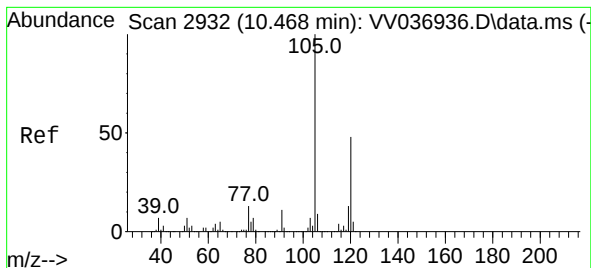
Tgt Ion:105 Resp: 1051671
Ion Ratio Lower Upper
105 100
120 25.9 20.3 30.5
77 16.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 53.638 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion: 75 Resp: 297514
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
110 38.4 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 46.452 ug/L

RT: 10.471 min Scan# 20

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

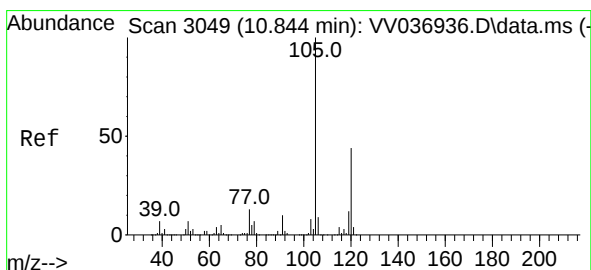
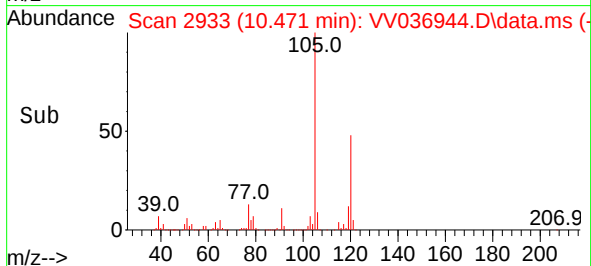
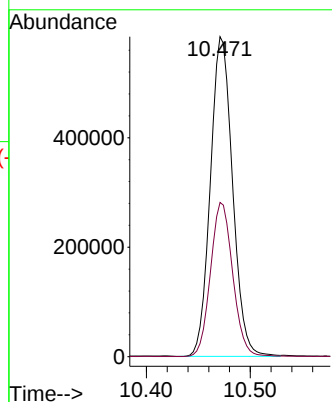
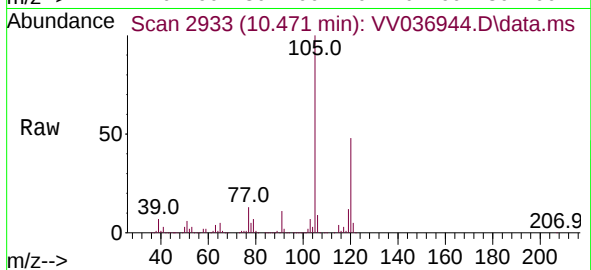
ClientSampleId :

Tgt Ion:105 Resp: 867510

Ion Ratio Lower Upper

105 100

120 48.4 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 47.032 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV036944.D

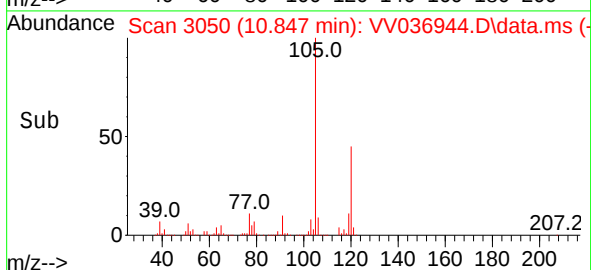
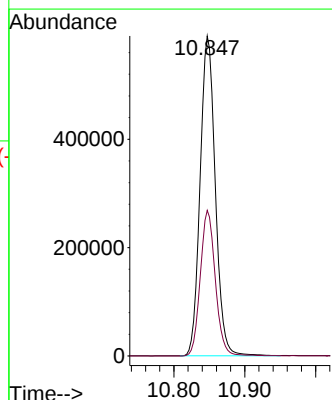
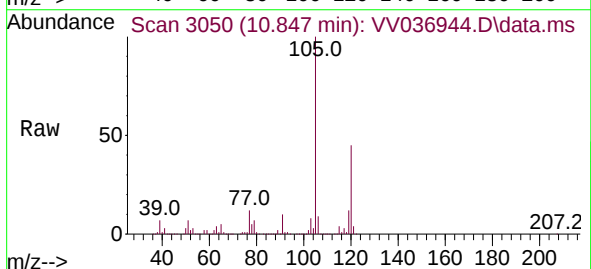
Acq: 15 Aug 2024 17:11

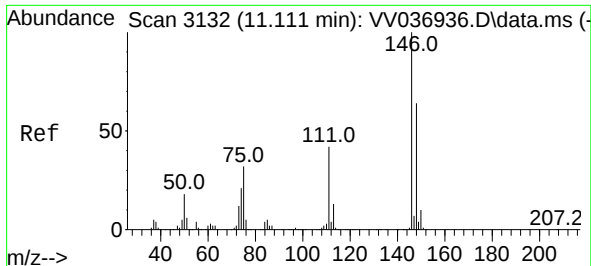
Tgt Ion:105 Resp: 879262

Ion Ratio Lower Upper

105 100

120 44.7 35.6 53.4

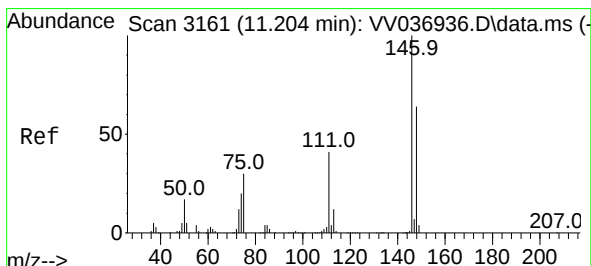
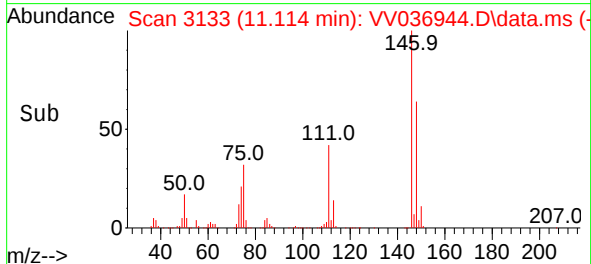
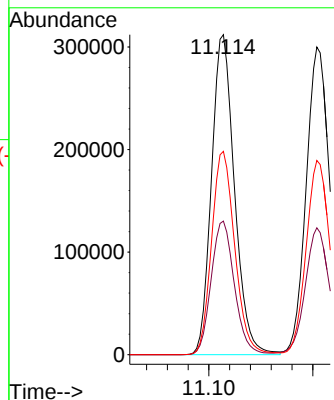
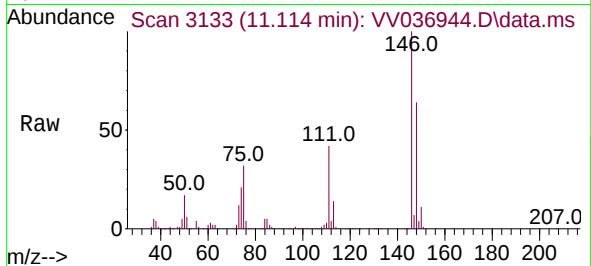




#64
1,3-Dichlorobenzene
Concen: 49.646 ug/L
RT: 11.114 min Scan# 3132
Delta R.T. 0.003 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

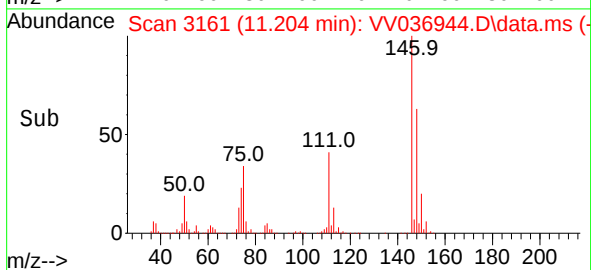
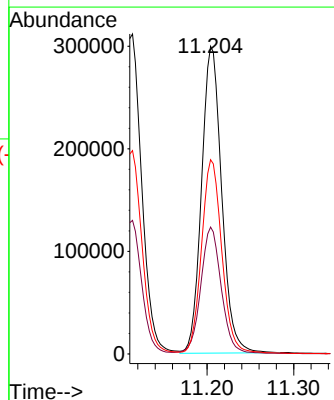
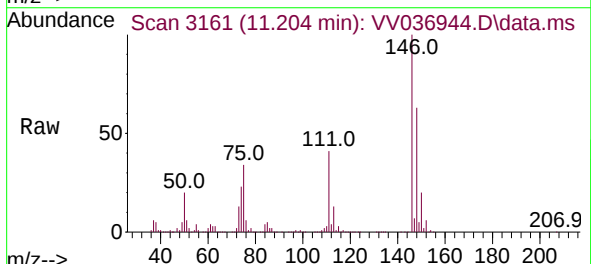
Instrument :
MSVOA_V
ClientSampleId :

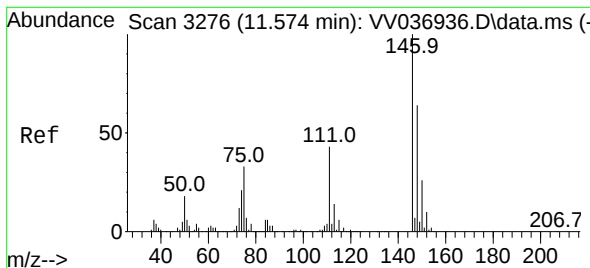
Tgt Ion:146 Resp: 478900
Ion Ratio Lower Upper
146 100
111 41.7 29.8 55.4
148 63.6 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 49.283 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036944.D
Acq: 15 Aug 2024 17:11

Tgt Ion:146 Resp: 483435
Ion Ratio Lower Upper
146 100
111 41.2 29.0 53.9
148 63.1 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 51.159 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

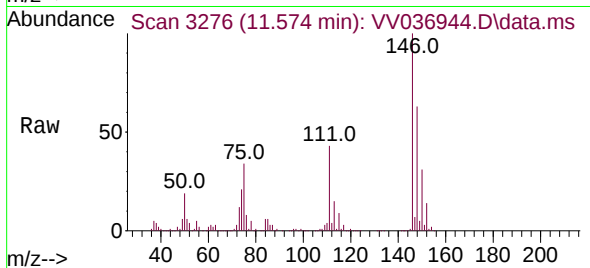
Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

ClientSampleId :



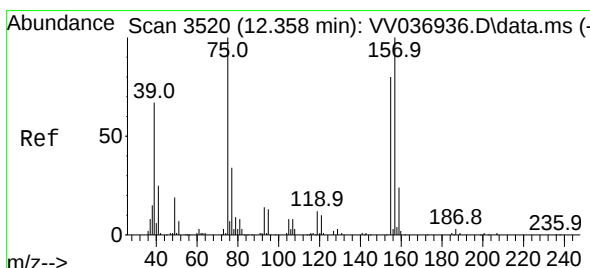
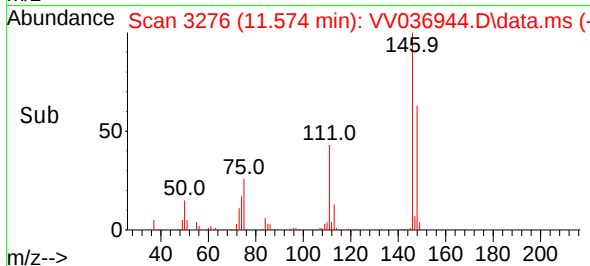
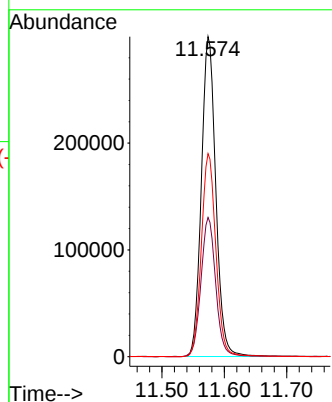
Tgt Ion:146 Resp: 481968

Ion Ratio Lower Upper

146 100

111 43.5 35.7 53.5

148 63.4 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 45.463 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

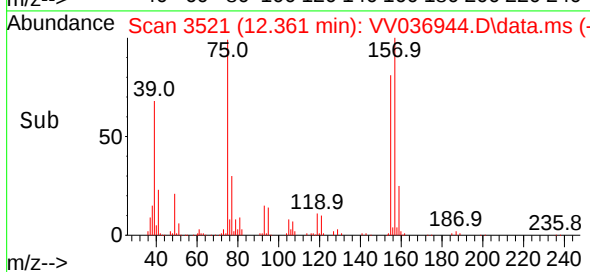
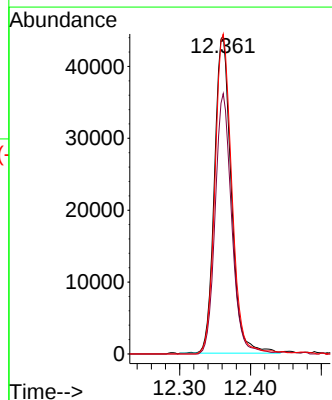
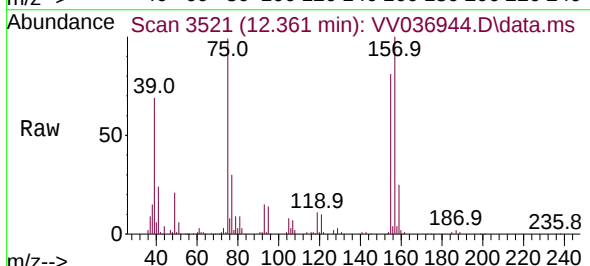
Tgt Ion: 75 Resp: 72871

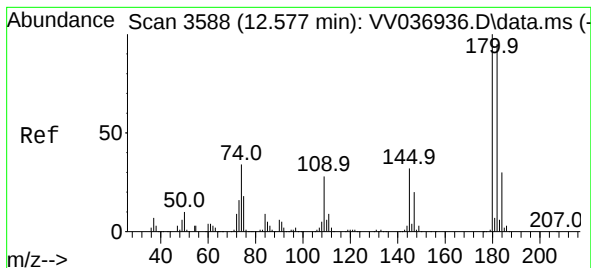
Ion Ratio Lower Upper

75 100

155 81.8 59.5 89.3

157 100.6 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 46.748 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

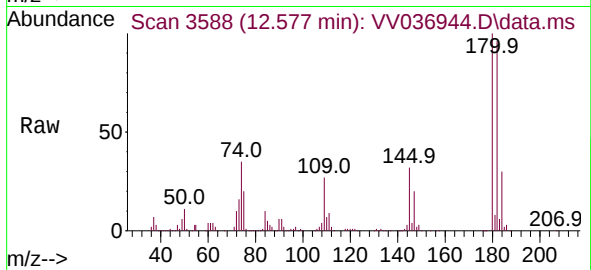
Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 320014

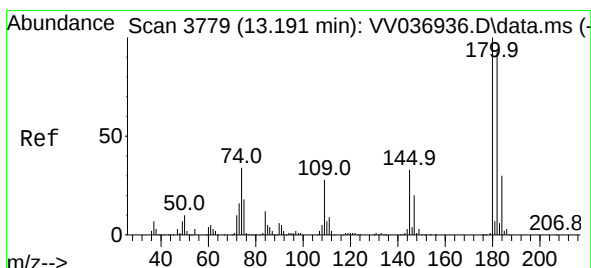
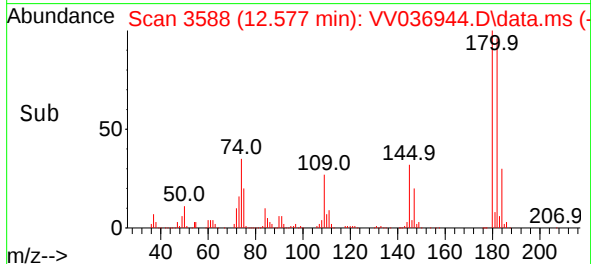
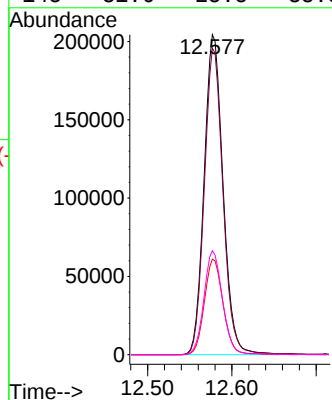
Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.6

184 29.4 23.7 35.5

145 31.6 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 47.060 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

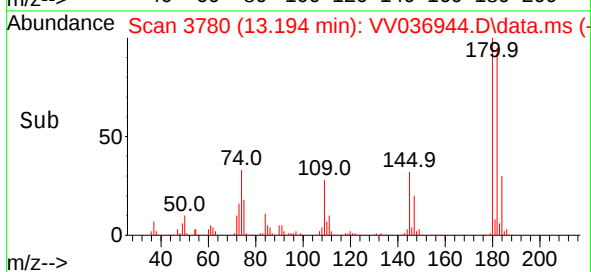
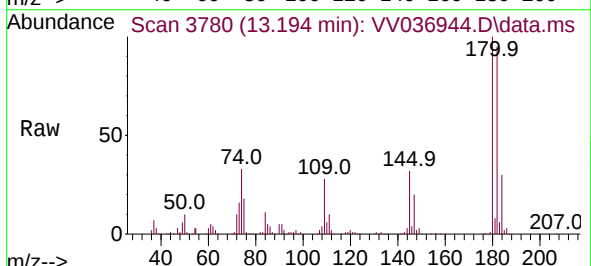
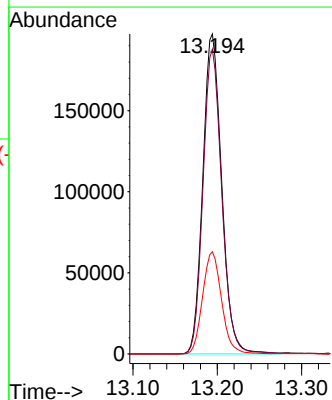
Tgt Ion:180 Resp: 308970

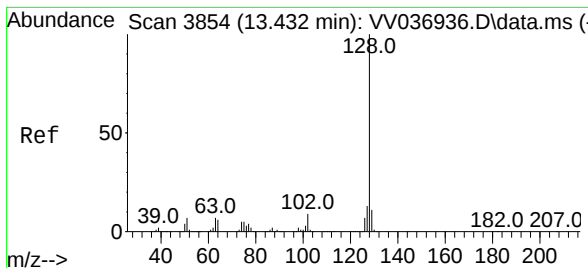
Ion Ratio Lower Upper

180 100

182 93.8 75.1 112.7

145 32.0 26.5 39.7





#71

Naphthalene

Concen: 47.188 ug/L

RT: 13.432 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Instrument :

MSVOA_V

ClientSampleId :

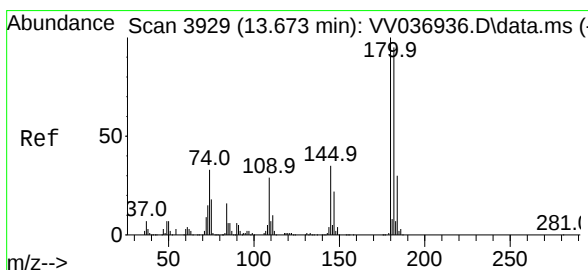
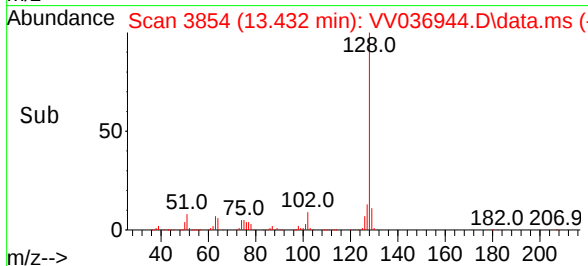
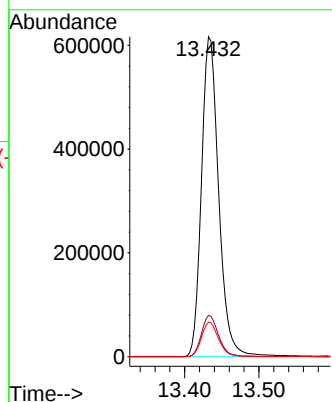
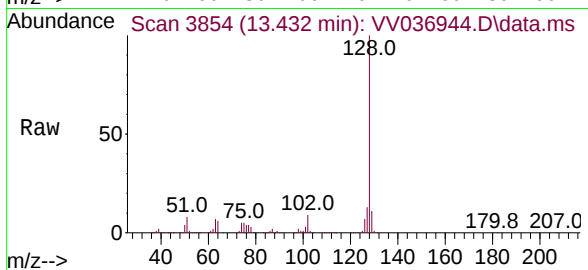
Tgt Ion:128 Resp: 993481

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.367 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV036944.D

Acq: 15 Aug 2024 17:11

Tgt Ion:180 Resp: 310840

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

145 33.9 27.8 41.6

