

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036317.D
 Acq On : 27 Jun 2024 18:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 02:31:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:39:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	407416	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	409088	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	220360	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	168897	24.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.640%
7) Chloroethane-d5	1.526	69	137582	24.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.560%
11) 1,1-Dichloroethene-d2	2.050	65	77399	23.795	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.200%
21) 2-Butanone-d5	3.834	46	86840	54.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.160%
24) Chloroform-d	4.243	84	320176	26.624	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.480%
26) 1,2-Dichloroethane-d4	4.937	65	178372	27.813	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.240%
32) Benzene-d6	4.953	84	624602	27.047	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.200%
36) 1,2-Dichloropropane-d6	5.985	67	184997	26.633	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.520%
41) Toluene-d8	7.239	98	586510	28.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.680%
43) trans-1,3-Dichloroprop...	7.551	79	87285	28.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.560%
47) 2-Hexanone-d5	8.030	63	70410	63.502	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.000%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	151953	26.687	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	215420	26.826	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	163807	21.161	ug/L	99
3) Chloromethane	1.211	50	165127	23.566	ug/L	100
5) Vinyl chloride	1.275	62	181940	22.486	ug/L	100
6) Bromomethane	1.481	94	130019	23.892	ug/L	100
8) Chloroethane	1.542	64	116127	23.287	ug/L	99
9) Trichlorofluoromethane	1.706	101	243840	21.102	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	149699	20.653	ug/L	99
12) 1,1-Dichloroethene	2.060	96	145350	22.649	ug/L	96
13) Acetone	2.388	43	70892	32.676	ug/L	100
14) Carbon disulfide	2.230	76	468245	23.126	ug/L	100
15) Methyl Acetate	2.388	43	74700	26.757	ug/L	98
16) Methylene chloride	2.439	84	218576	27.251	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	155169	24.353	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	396158	26.709	ug/L	99
19) 1,1-Dichloroethane	3.105	63	276061	24.368	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	165055	25.756	ug/L	99
22) 2-Butanone	3.915	43	90555	49.501	ug/L	79
23) Bromochloromethane	4.143	128	87448	26.169	ug/L	94
25) Chloroform	4.269	83	305264	25.263	ug/L	99

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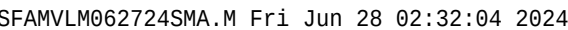
Instrument :
 MSVOA_V
 ClientSampleId :

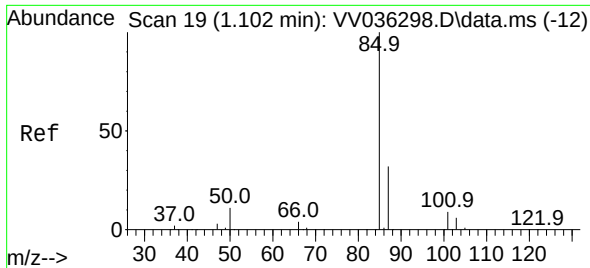
Quant Time: Jun 28 02:31:55 2024
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 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:39:40 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	203884	26.058	ug/L	99
29) Cyclohexane	4.574	56	187965	21.567	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	246515	24.303	ug/L	99
31) Carbon tetrachloride	4.728	117	216054	23.906	ug/L	98
33) Benzene	5.005	78	619691	25.575	ug/L	100
34) Trichloroethene	5.828	95	196471	25.696	ug/L	97
35) Methylcyclohexane	6.047	83	237042	22.246	ug/L	99
37) 1,2-Dichloropropane	6.088	63	155319	25.099	ug/L	98
38) Bromodichloromethane	6.429	83	218990	25.874	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	253438	26.634	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	198731	56.944	ug/L	99
42) Toluene	7.310	91	666235	26.297	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	230917	26.981	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	142724	26.094	ug/L	100
46) Tetrachloroethene	7.902	164	134250	24.159	ug/L	98
48) 2-Hexanone	8.079	43	152868	55.687	ug/L	97
49) Dibromochloromethane	8.172	129	163866	26.875	ug/L	99
50) 1,2-Dibromoethane	8.281	107	148619	27.582	ug/L	98
51) Chlorobenzene	8.812	112	444584	25.671	ug/L	99
52) Ethylbenzene	8.944	91	705999	25.822	ug/L	100
53) m,p-Xylene	9.069	106	278213	27.303	ug/L	99
54) o-Xylene	9.474	106	259733	27.105	ug/L	99
55) Styrene	9.493	104	476594	28.379	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	122148	24.952	ug/L	100
59) Bromoform	9.664	173	112008	26.852	ug/L	99
60) Isopropylbenzene	9.863	105	694358	26.067	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	133270	26.799	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	512325	26.875	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	565882	27.317	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	364762	26.279	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	371382	24.961	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	345066	26.041	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	31784	28.489	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	269197	25.757	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	232506	27.897	ug/L	99
71) Naphthalene	13.435	128	455199	30.632	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	227919	29.081	ug/L	99

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

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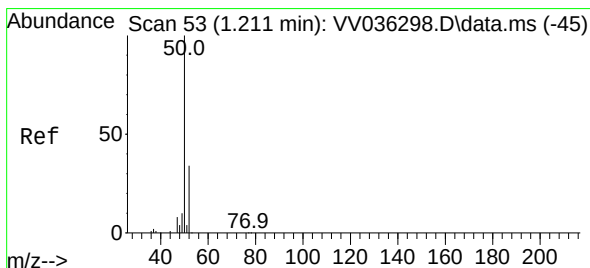
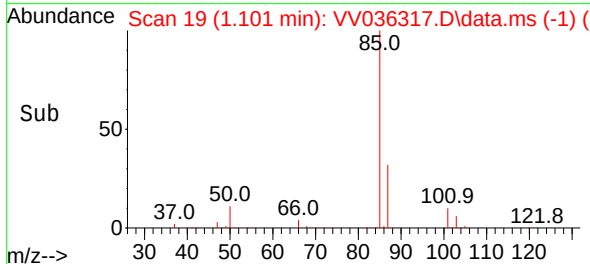
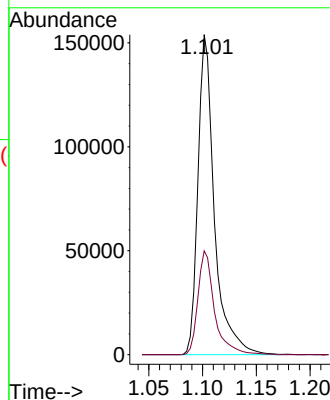
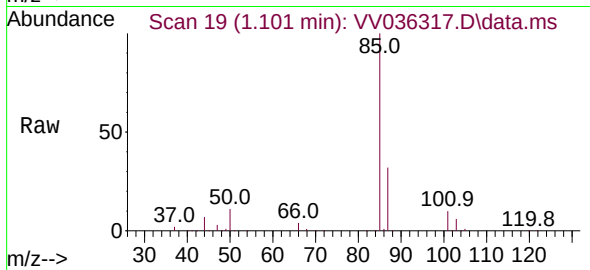




#2
Dichlorodifluoromethane
Concen: 21.161 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

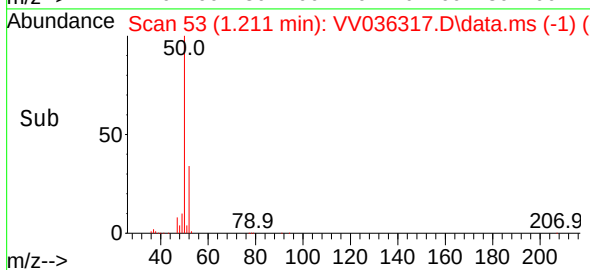
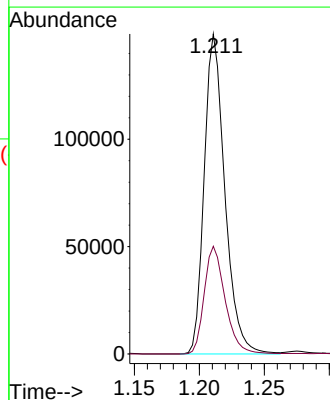
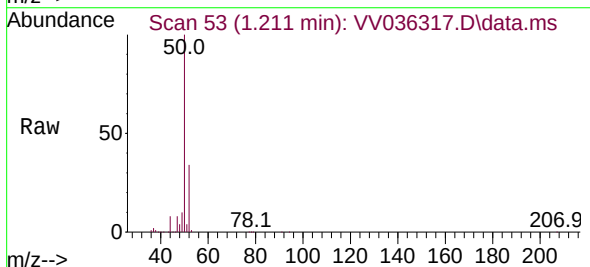
Instrument :
MSVOA_V
ClientSampleId :

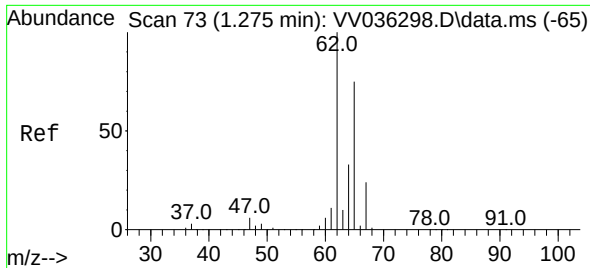
Tgt Ion: 85 Resp: 163807
Ion Ratio Lower Upper
85 100
87 32.8 25.9 38.9



#3
Chloromethane
Concen: 23.566 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

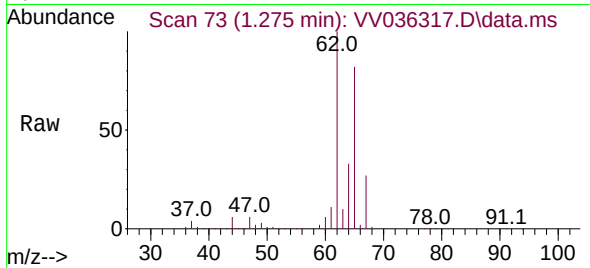
Tgt Ion: 50 Resp: 165127
Ion Ratio Lower Upper
50 100
52 33.6 23.5 43.7



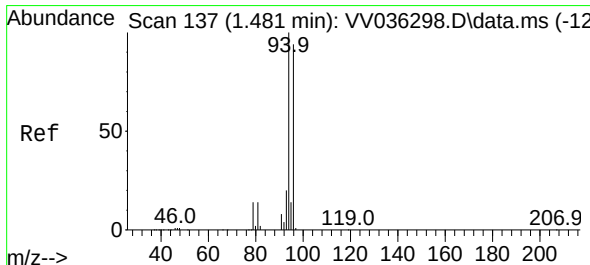
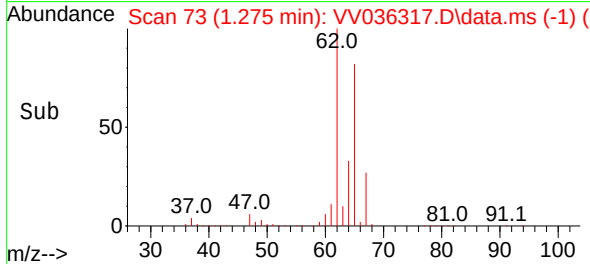
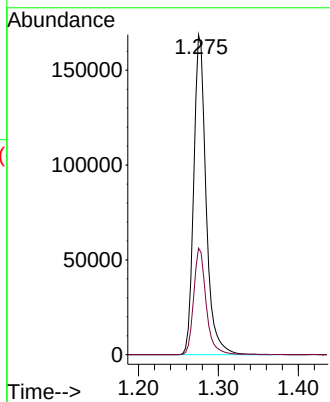


#5
 Vinyl chloride
 Concen: 22.486 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VV036317.D
 Acq: 27 Jun 2024 18:51

Instrument :
 MSVOA_V
 ClientSampleId :

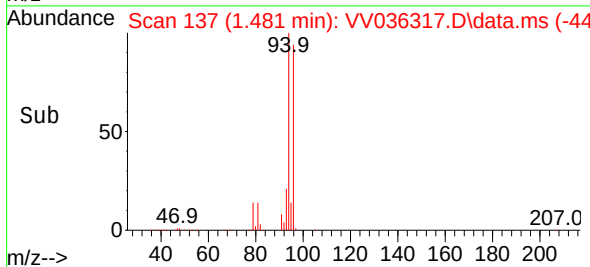
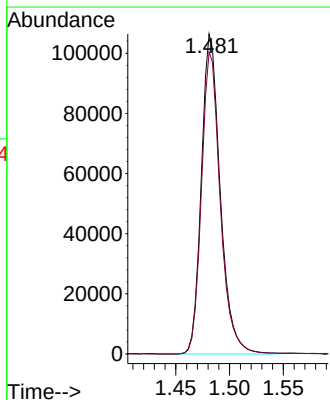
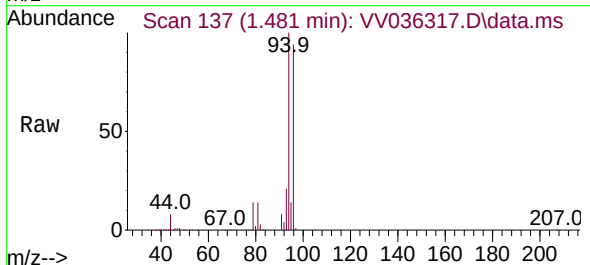


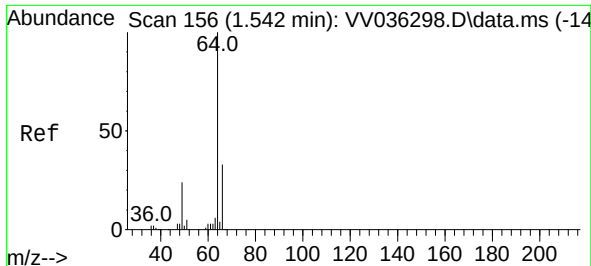
Tgt Ion: 62 Resp: 181940
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.4 43.4



#6
 Bromomethane
 Concen: 23.892 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.000 min
 Lab File: VV036317.D
 Acq: 27 Jun 2024 18:51

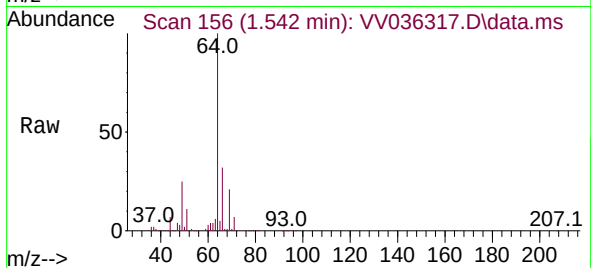
Tgt Ion: 94 Resp: 130019
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.1 122.7



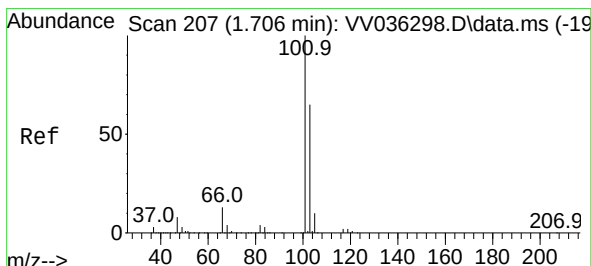
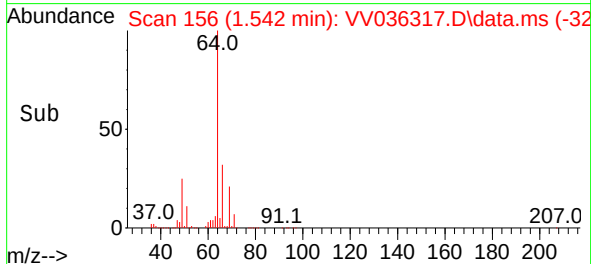
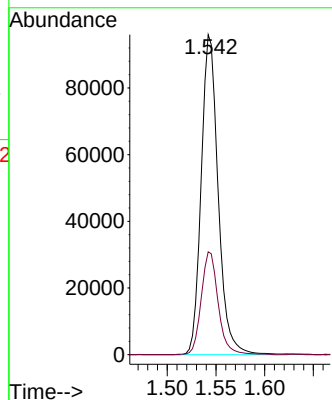


#8
Chloroethane
Concen: 23.287 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Instrument :
MSVOA_V
ClientSampleId :

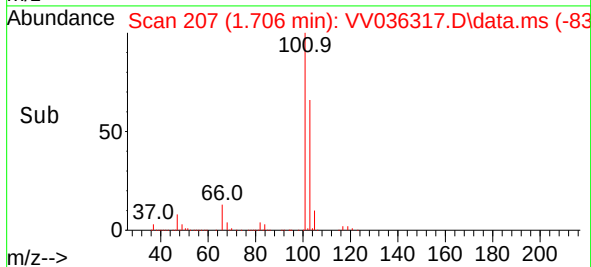
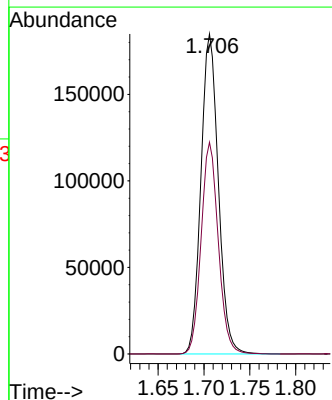
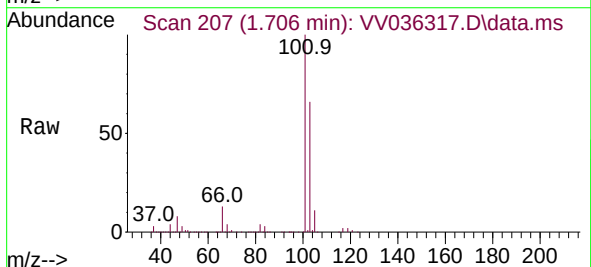


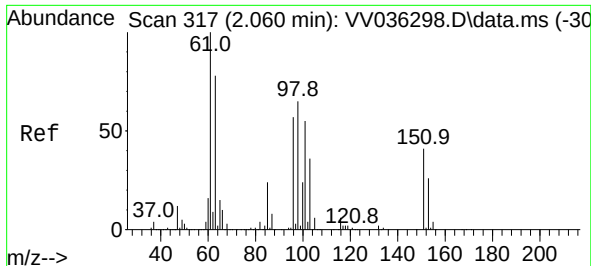
Tgt Ion: 64 Resp: 116127
Ion Ratio Lower Upper
64 100
66 32.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 21.102 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Tgt Ion:101 Resp: 243840
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5

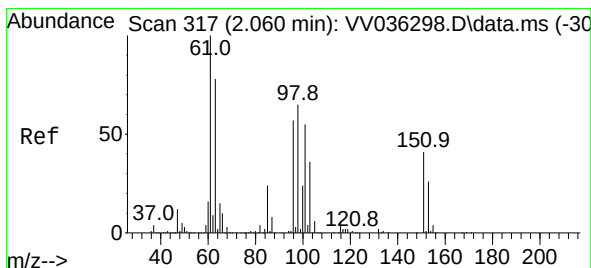
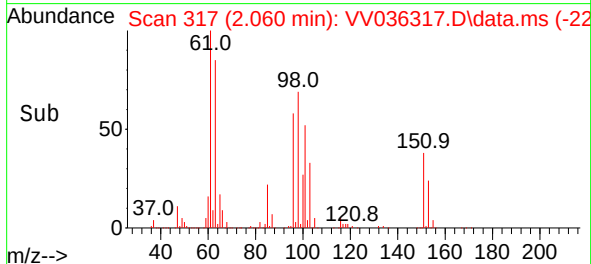
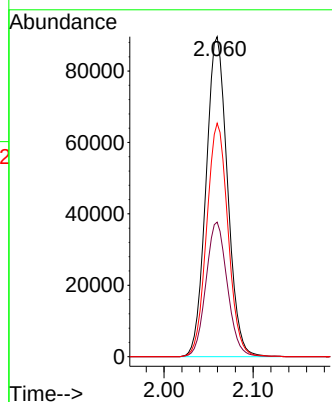
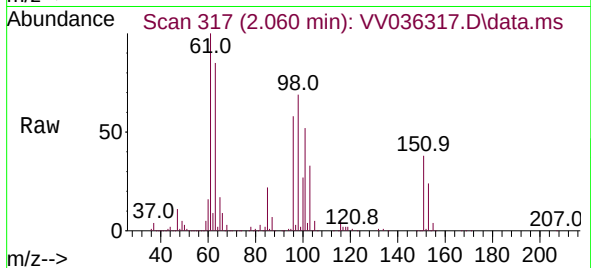




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.653 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036317.D
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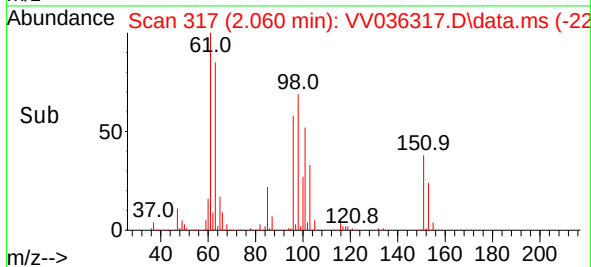
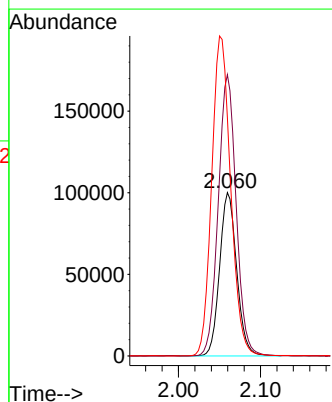
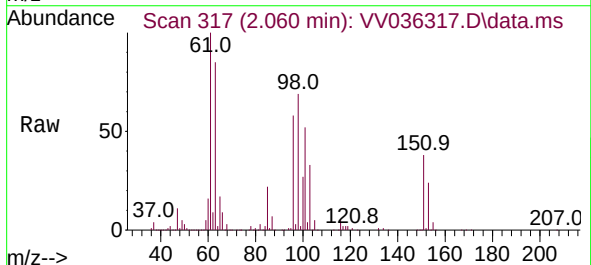
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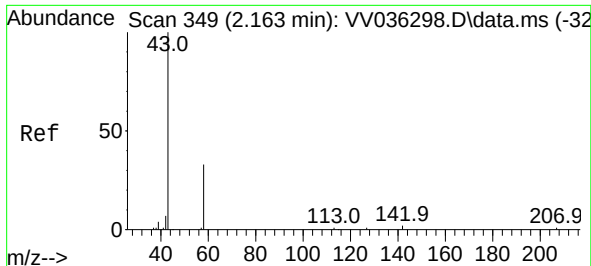
Tgt Ion:101 Resp: 149699
 Ion Ratio Lower Upper
 101 100
 85 42.1 34.6 51.8
 151 72.7 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 22.649 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
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Tgt Ion: 96 Resp: 145350
 Ion Ratio Lower Upper
 96 100
 61 172.1 122.6 227.8
 63 145.6 96.1 178.5





#13

Acetone

Concen: 32.676 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.225 min

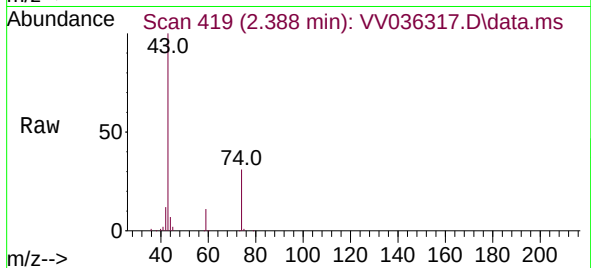
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MSVOA_V

ClientSampleId :

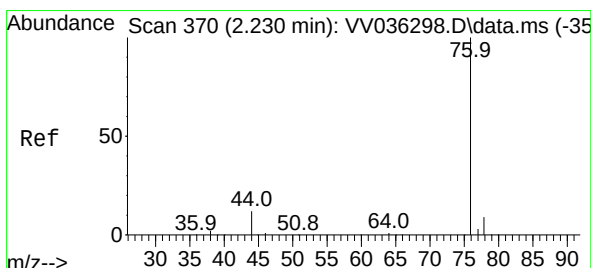
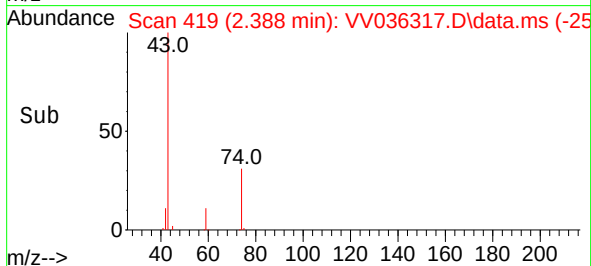
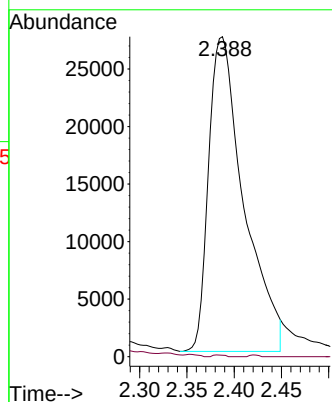


Tgt Ion: 43 Resp: 70892

Ion Ratio Lower Upper

43 100

58 0.2 0.0 0.6



#14

Carbon disulfide

Concen: 23.126 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.000 min

Lab File: VV036317.D

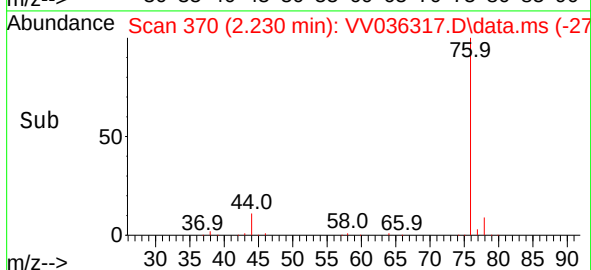
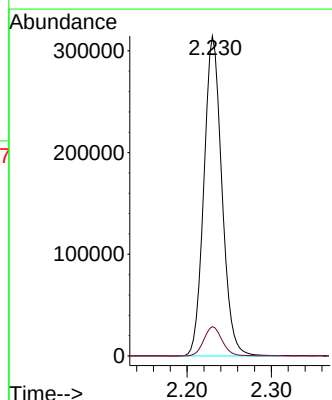
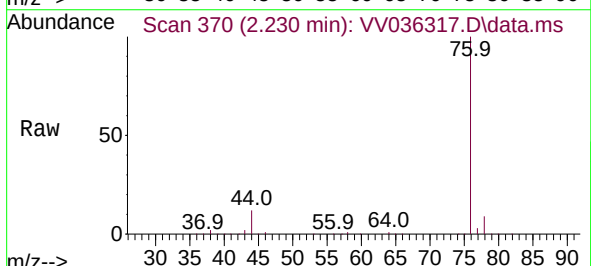
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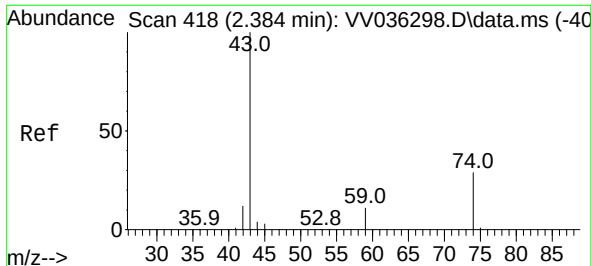
Tgt Ion: 76 Resp: 468245

Ion Ratio Lower Upper

76 100

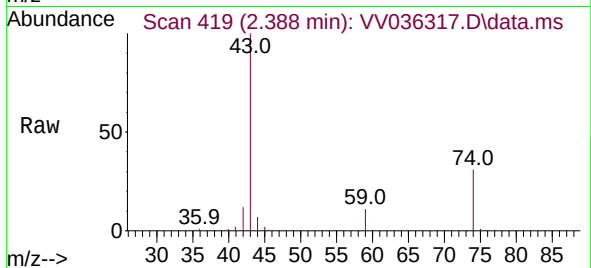
78 9.1 7.4 11.2



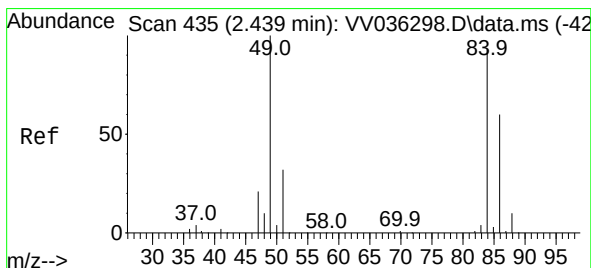
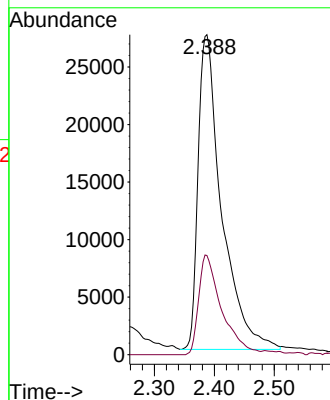
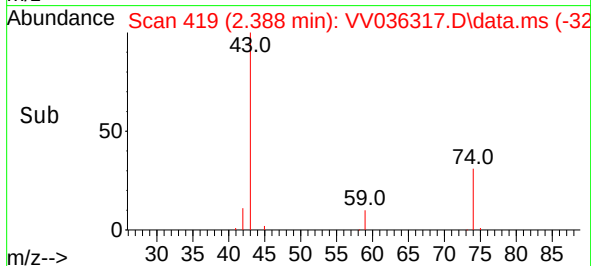


#15
Methyl Acetate
Concen: 26.757 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Instrument :
MSVOA_V
ClientSampleId :

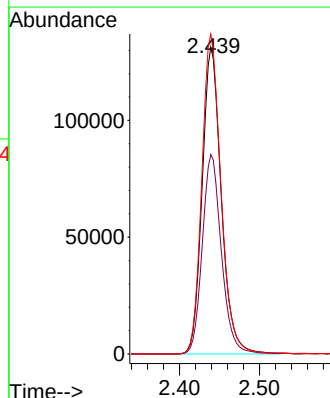
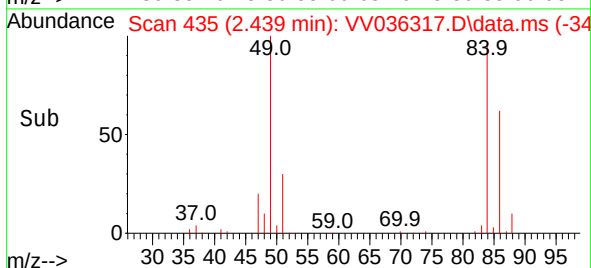
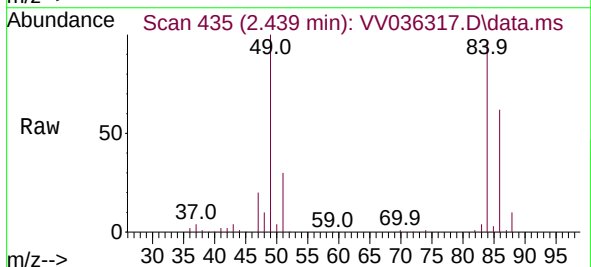


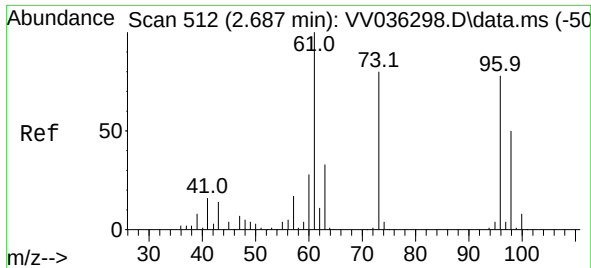
Tgt Ion: 43 Resp: 74700
Ion Ratio Lower Upper
43 100
74 30.8 23.8 35.6



#16
Methylene chloride
Concen: 27.251 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

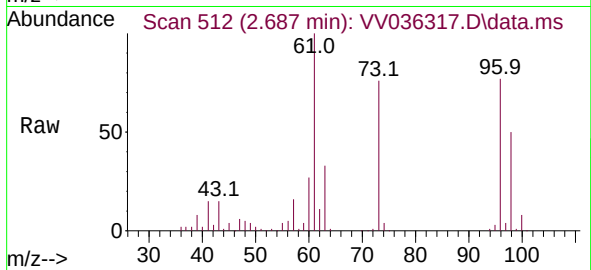
Tgt Ion: 84 Resp: 218576
Ion Ratio Lower Upper
84 100
86 65.0 45.6 84.8
49 104.3 75.7 140.5





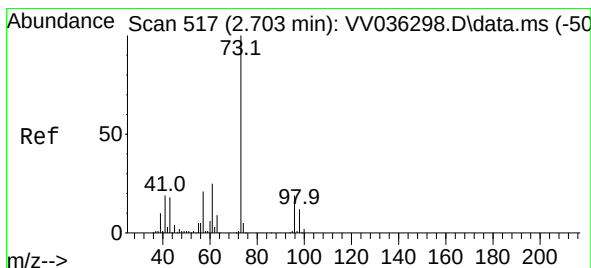
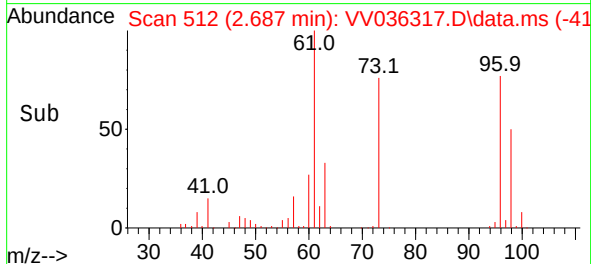
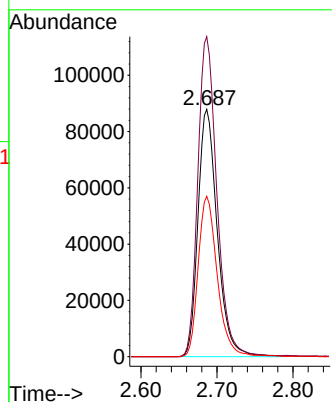
#17
trans-1,2-Dichloroethene
Concen: 24.353 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 155169

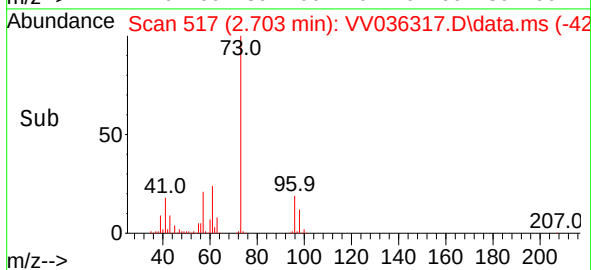
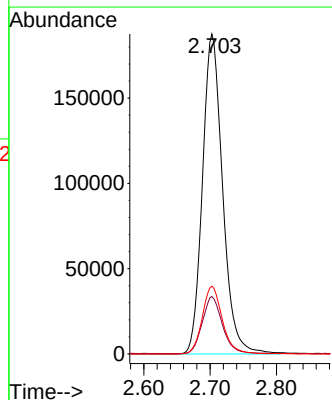
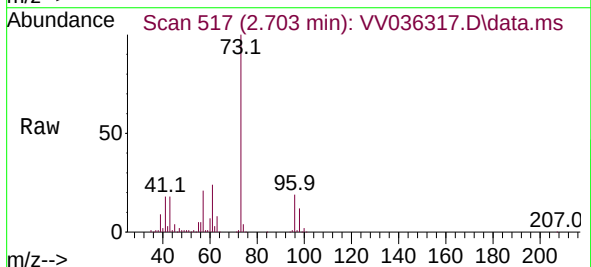
Ion	Ratio	Lower	Upper
96	100		
61	129.4	89.8	166.8
98	64.9	45.3	84.1

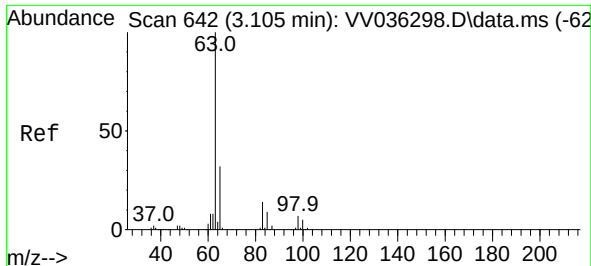


#18
Methyl tert-butyl Ether
Concen: 26.709 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Tgt Ion: 73 Resp: 396158

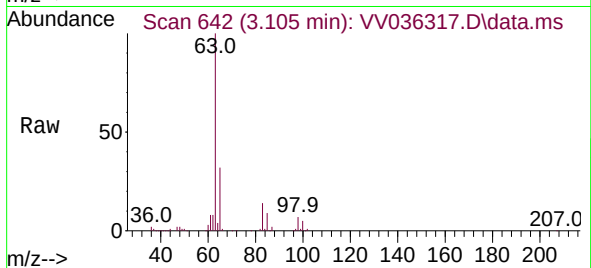
Ion	Ratio	Lower	Upper
73	100		
43	17.7	14.7	22.1
57	21.0	17.0	25.6



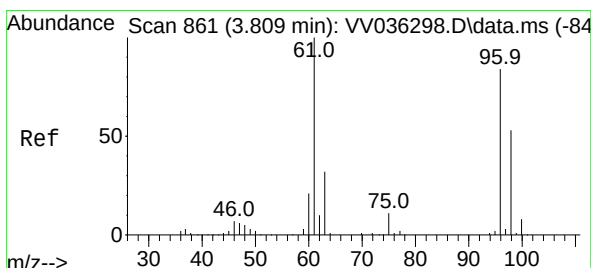
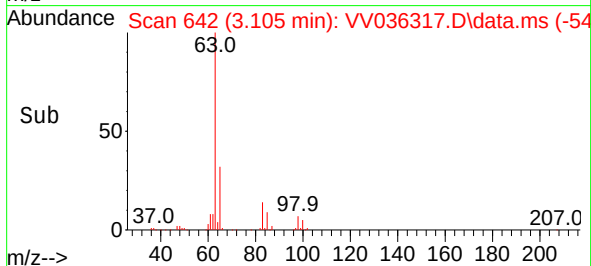
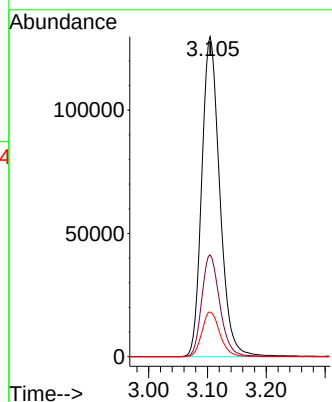


#19
1,1-Dichloroethane
Concen: 24.368 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Instrument :
MSVOA_V
ClientSampleId :

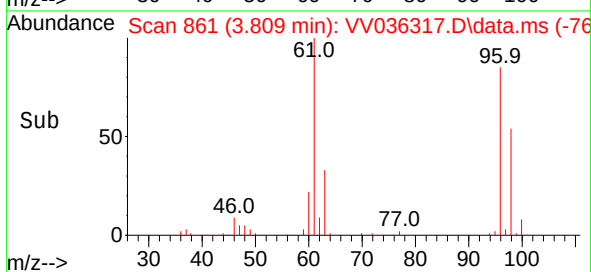
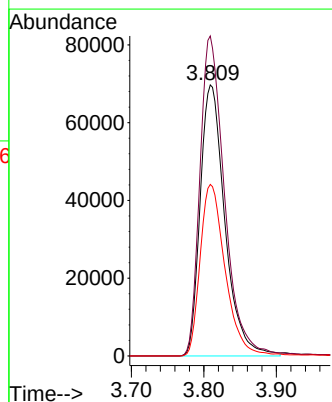
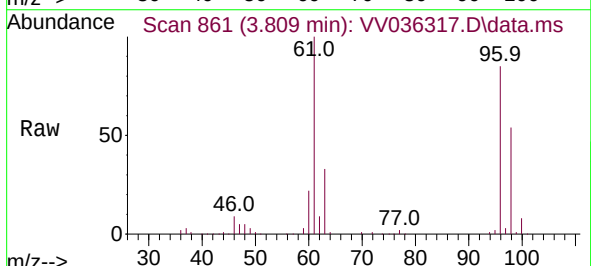


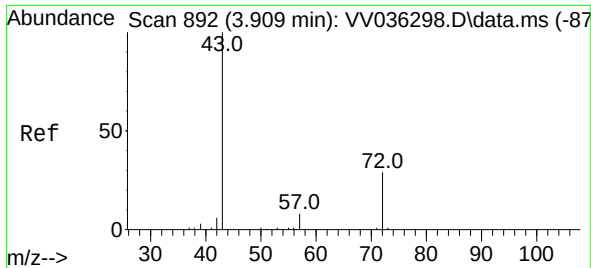
Tgt Ion: 63 Resp: 276061
Ion Ratio Lower Upper
63 100
65 31.8 22.1 41.1
83 14.0 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 25.756 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Tgt Ion: 96 Resp: 165055
Ion Ratio Lower Upper
96 100
61 118.1 83.7 155.5
98 63.3 44.2 82.0

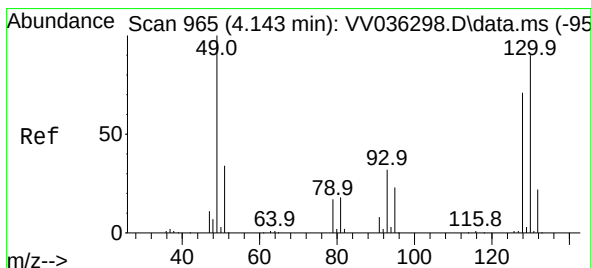
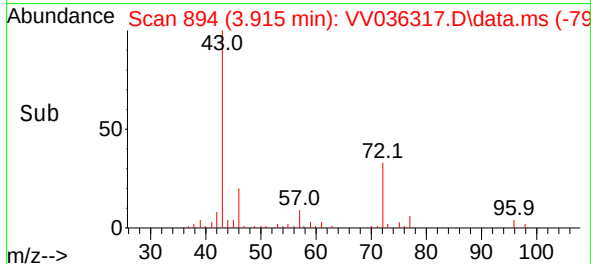
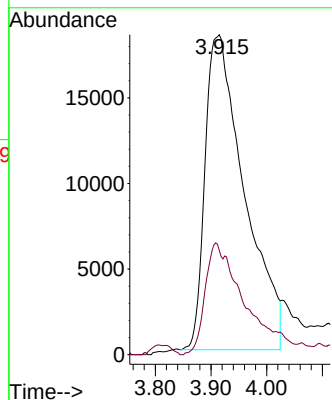
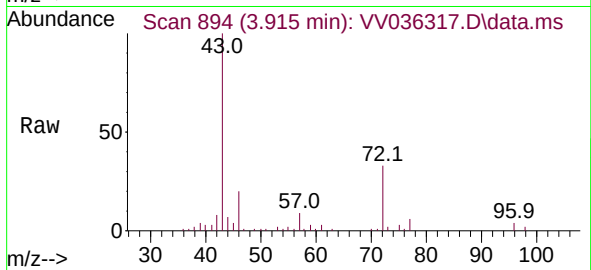




#22
2-Butanone
Concen: 49.501 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

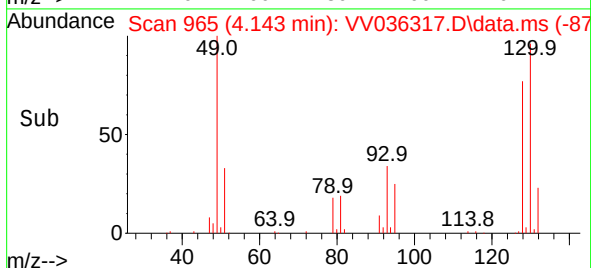
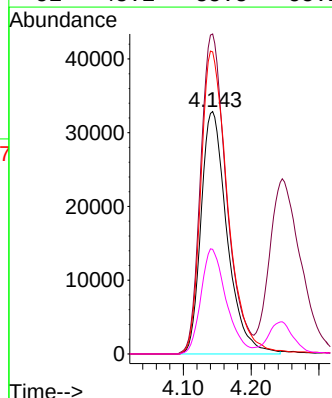
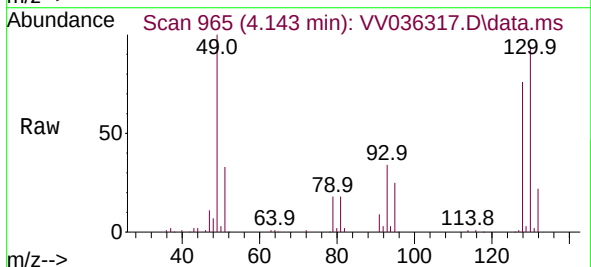
Instrument :
MSVOA_V
ClientSampleId :

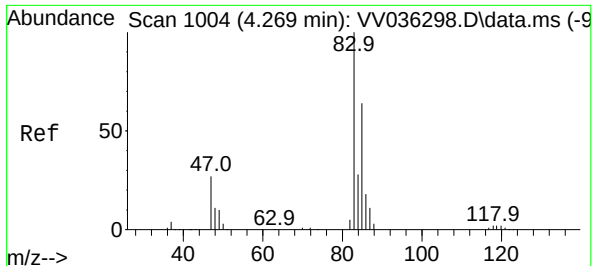
Tgt Ion: 43 Resp: 90555
Ion Ratio Lower Upper
43 100
72 15.2 12.9 38.7



#23
Bromochloromethane
Concen: 26.169 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Tgt Ion:128 Resp: 87448
Ion Ratio Lower Upper
128 100
49 132.0 99.2 184.2
130 124.6 88.9 165.1
51 43.1 38.8 58.2





#25

Chloroform

Concen: 25.263 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Instrument :

MSVOA_V

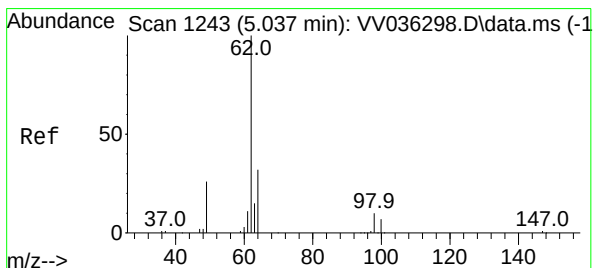
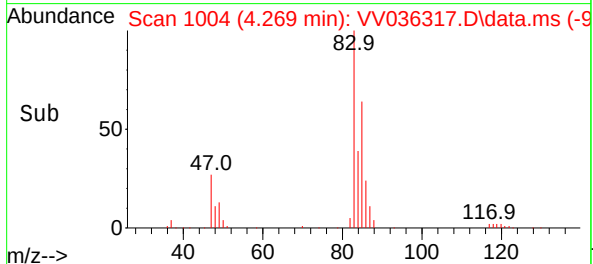
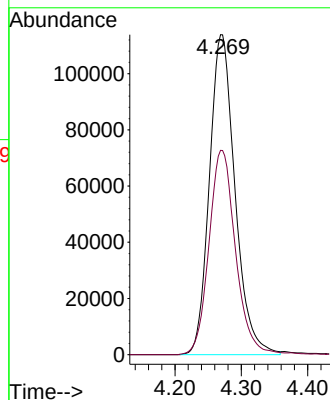
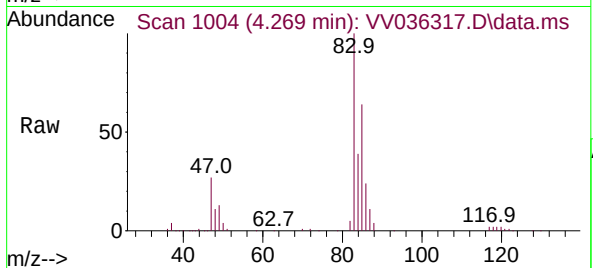
ClientSampleId :

Tgt Ion: 83 Resp: 305264

Ion Ratio Lower Upper

83 100

85 63.9 45.0 83.6



#27

1,2-Dichloroethane

Concen: 26.058 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV036317.D

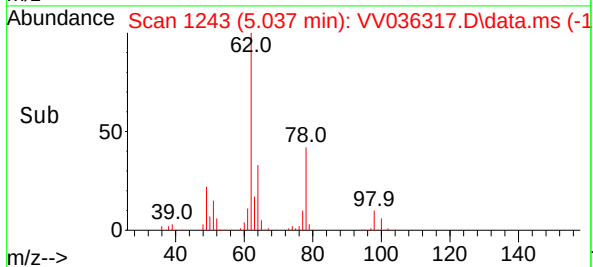
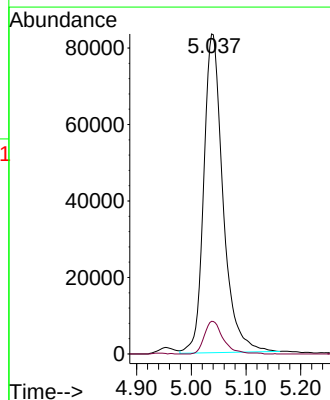
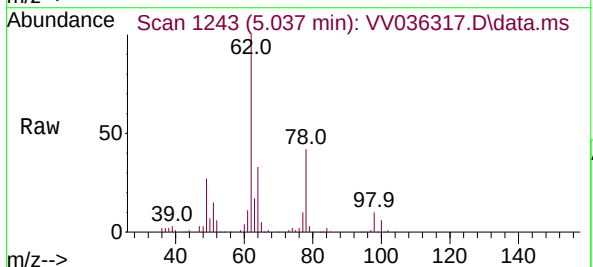
Acq: 27 Jun 2024 18:51

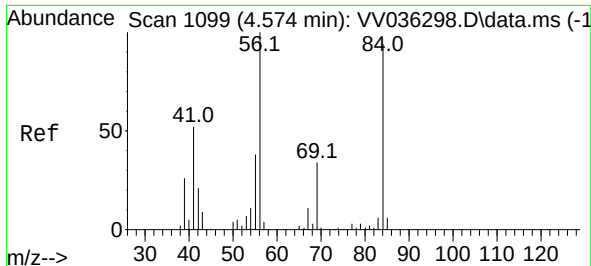
Tgt Ion: 62 Resp: 203884

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

Cyclohexane

Concen: 21.567 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :

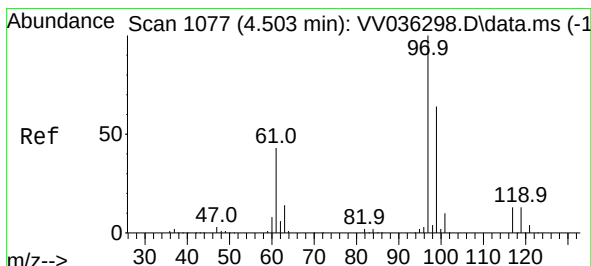
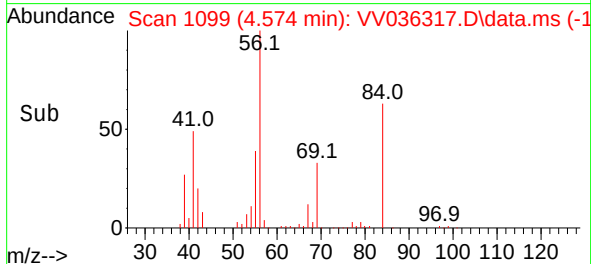
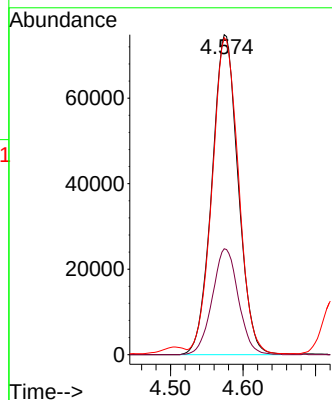
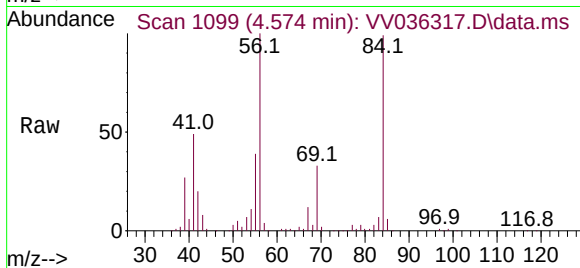
Tgt Ion: 56 Resp: 187965

Ion Ratio Lower Upper

56 100

69 32.9 26.0 39.0

84 99.0 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 24.303 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

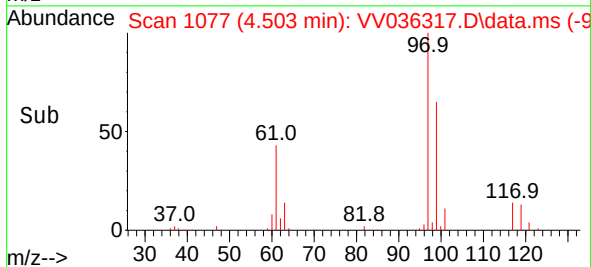
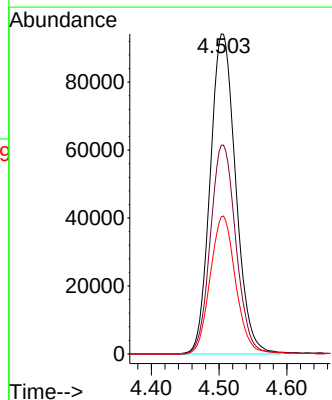
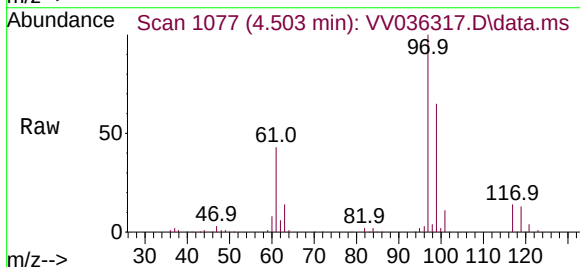
Tgt Ion: 97 Resp: 246515

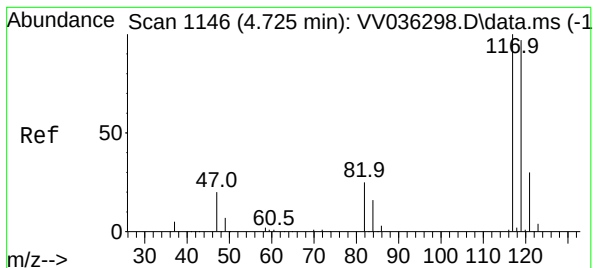
Ion Ratio Lower Upper

97 100

99 65.4 51.4 77.0

61 43.0 34.8 52.2





#31

Carbon tetrachloride

Concen: 23.906 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Instrument :

MSVOA_V

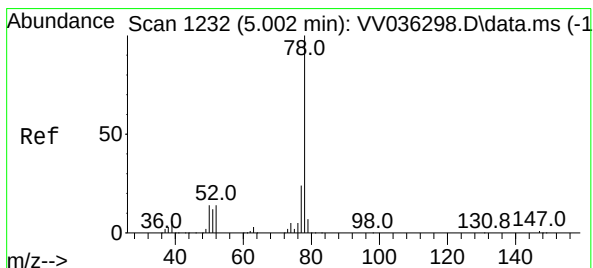
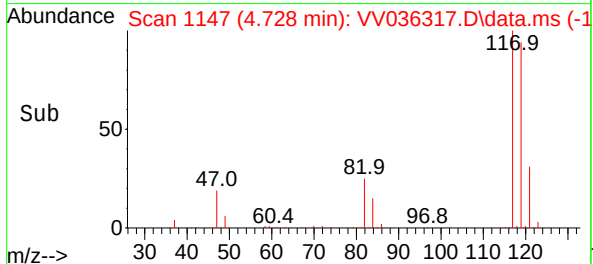
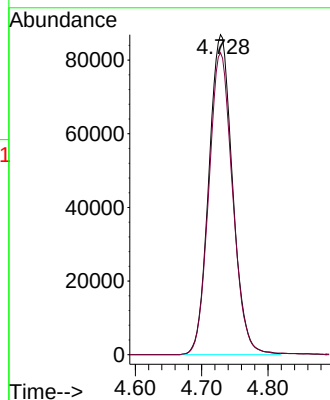
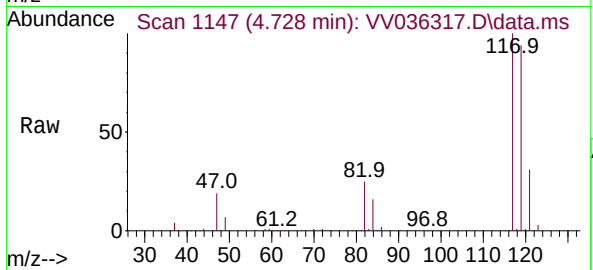
ClientSampleId :

Tgt Ion:117 Resp: 216054

Ion Ratio Lower Upper

117 100

119 94.4 77.2 115.8



#33

Benzene

Concen: 25.575 ug/L

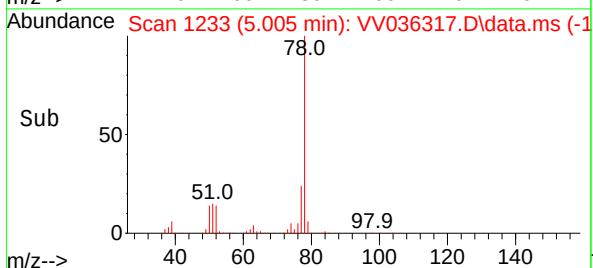
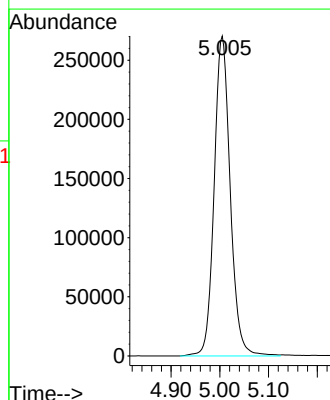
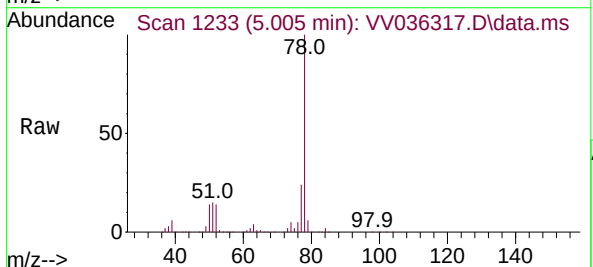
RT: 5.005 min Scan# 1233

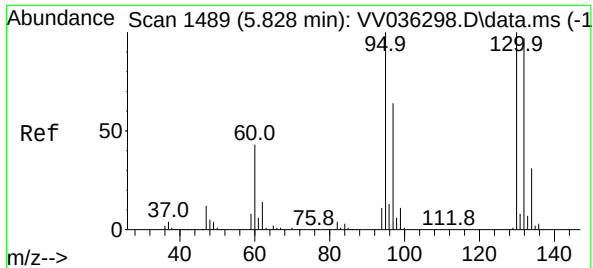
Delta R.T. 0.003 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

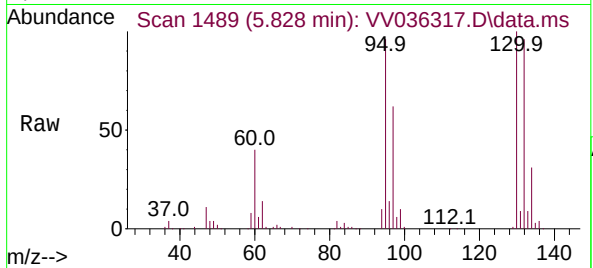
Tgt Ion: 78 Resp: 619691



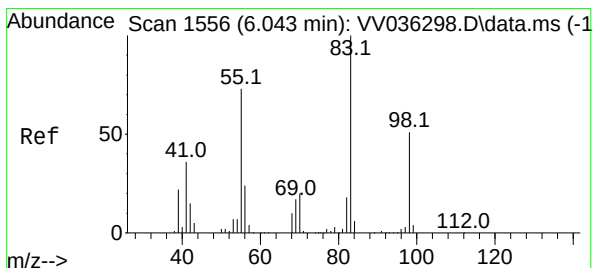
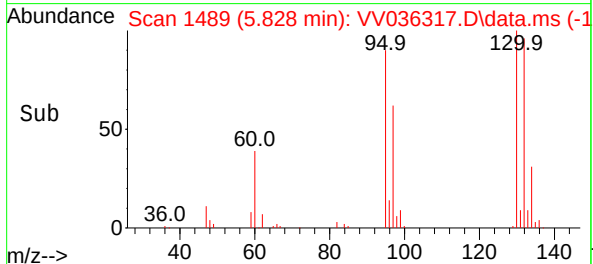
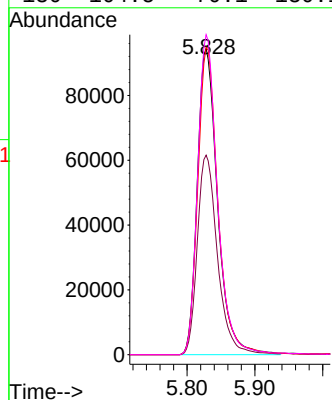


#34
Trichloroethene
Concen: 25.696 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Instrument :
MSVOA_V
ClientSampleId :

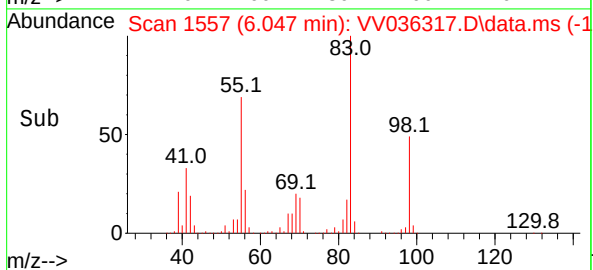
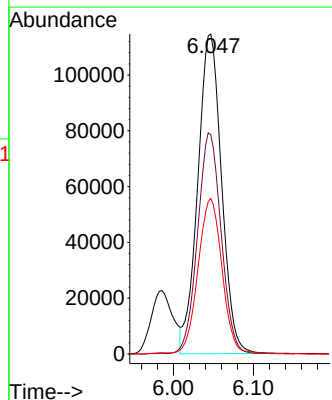
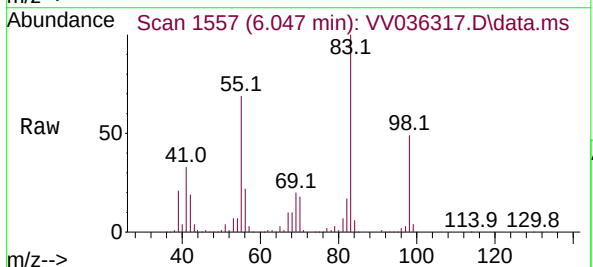


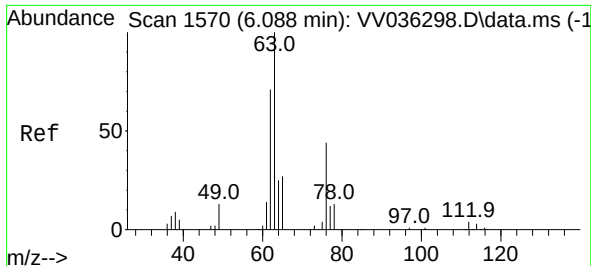
Tgt Ion: 95 Resp: 196471
Ion Ratio Lower Upper
95 100
97 65.2 45.1 83.7
132 100.4 67.7 125.7
130 104.5 70.1 130.1



#35
Methylcyclohexane
Concen: 22.246 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Tgt Ion: 83 Resp: 237042
Ion Ratio Lower Upper
83 100
55 68.3 56.0 84.0
98 49.1 39.0 58.6

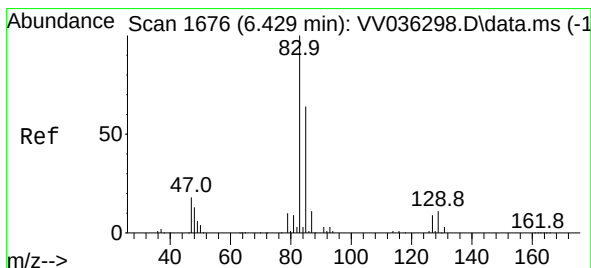
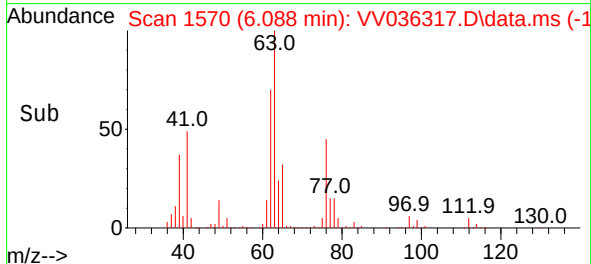
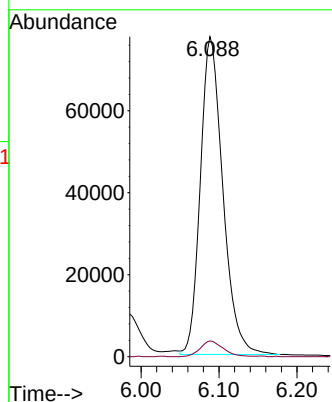
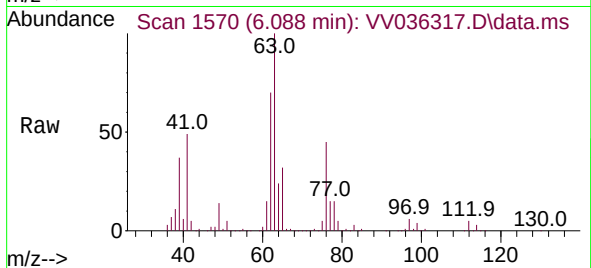




#37
1,2-Dichloropropane
Concen: 25.099 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

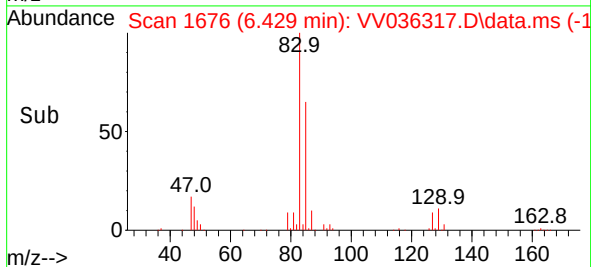
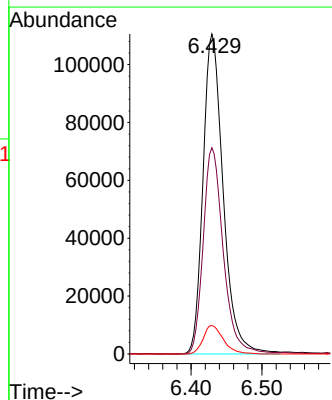
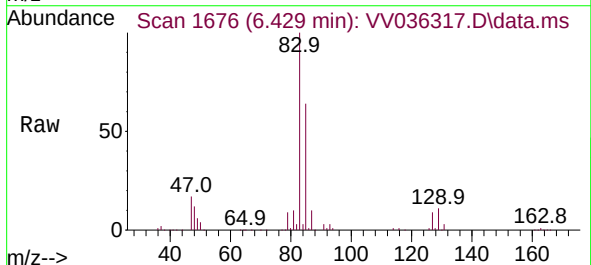
Instrument :
MSVOA_V
ClientSampleId :

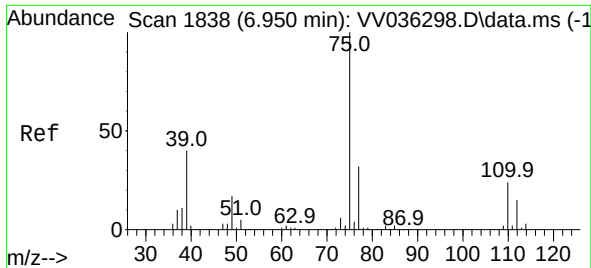
Tgt Ion: 63 Resp: 155319
Ion Ratio Lower Upper
63 100
112 5.1 3.4 5.2



#38
Bromodichloromethane
Concen: 25.874 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Tgt Ion: 83 Resp: 218990
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.5
127 8.9 7.0 10.6

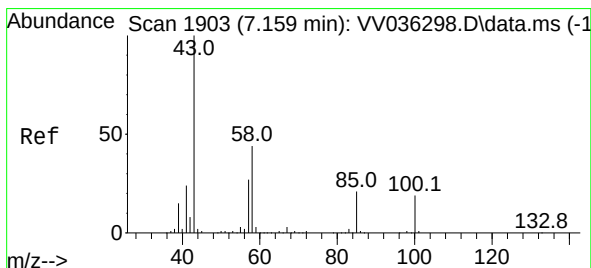
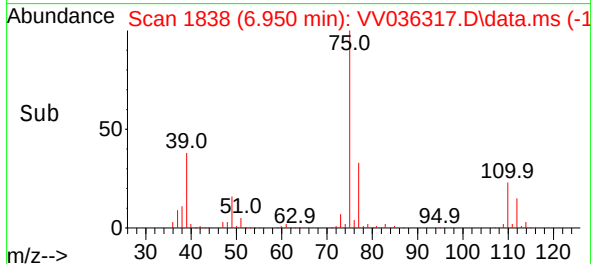
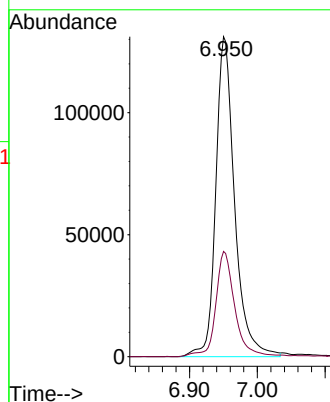
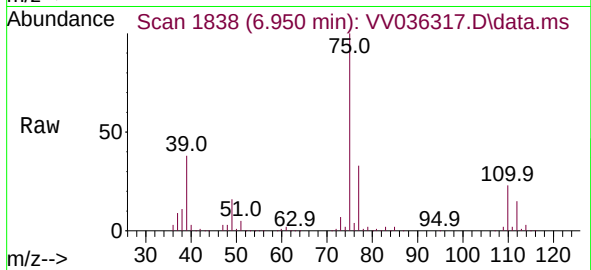




#39
 cis-1,3-Dichloropropene
 Concen: 26.634 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: VV036317.D
 Acq: 27 Jun 2024 18:51

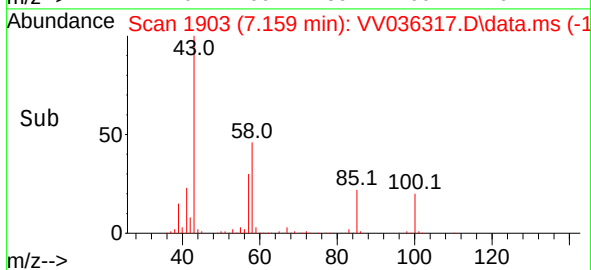
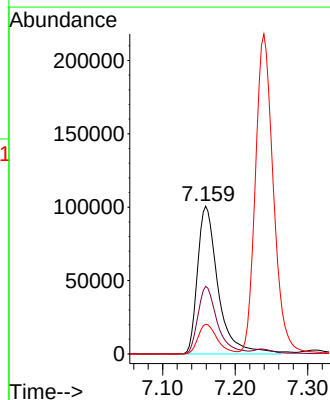
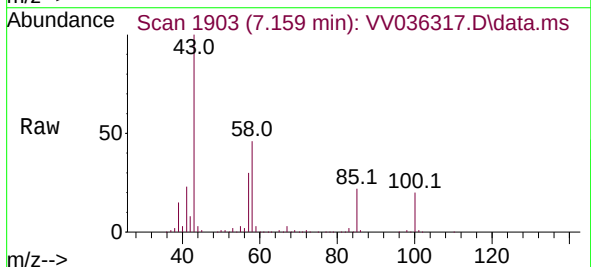
Instrument :
 MSVOA_V
 ClientSampleId :

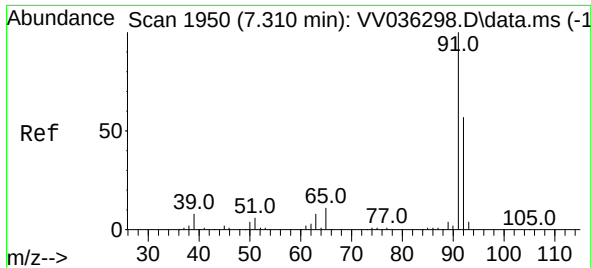
Tgt Ion: 75 Resp: 253438
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 56.944 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VV036317.D
 Acq: 27 Jun 2024 18:51

Tgt Ion: 43 Resp: 198731
 Ion Ratio Lower Upper
 43 100
 58 43.3 34.8 52.2
 100 18.8 14.6 21.8





#42

Toluene

Concen: 26.297 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Instrument :

MSVOA_V

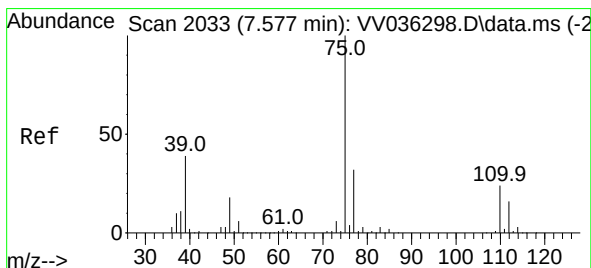
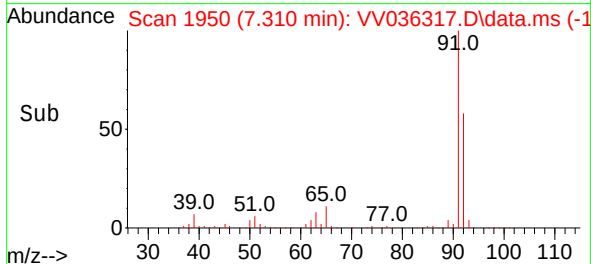
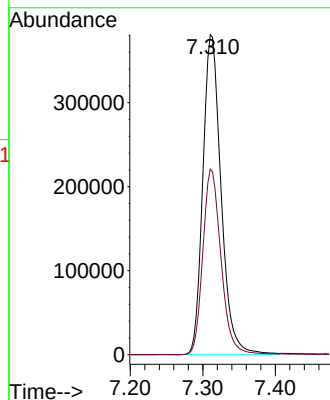
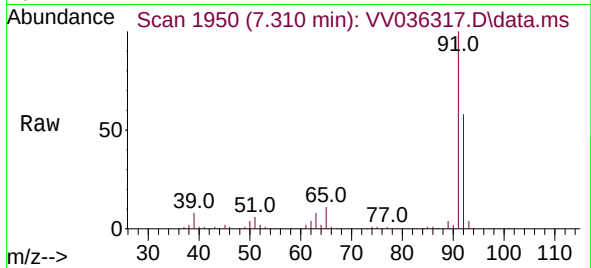
ClientSampleId :

Tgt Ion: 91 Resp: 666235

Ion Ratio Lower Upper

91 100

92 58.0 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 26.981 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036317.D

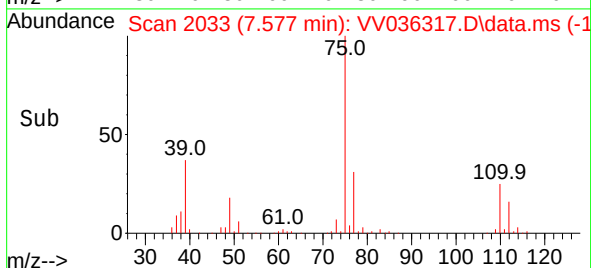
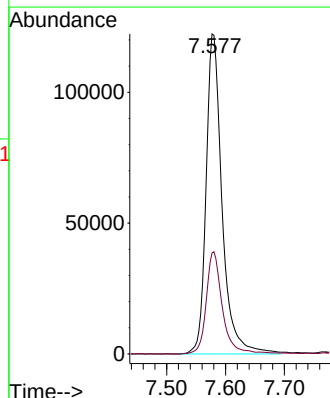
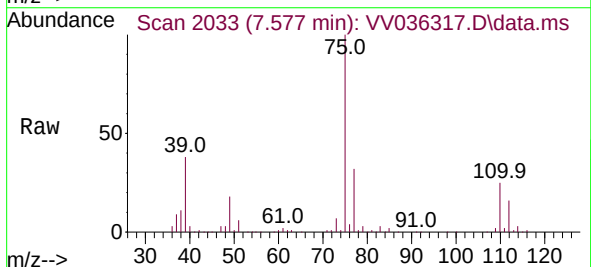
Acq: 27 Jun 2024 18:51

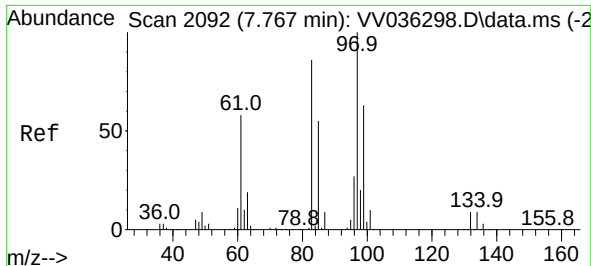
Tgt Ion: 75 Resp: 230917

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 26.094 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 142724

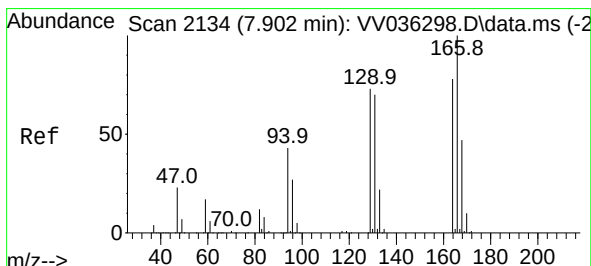
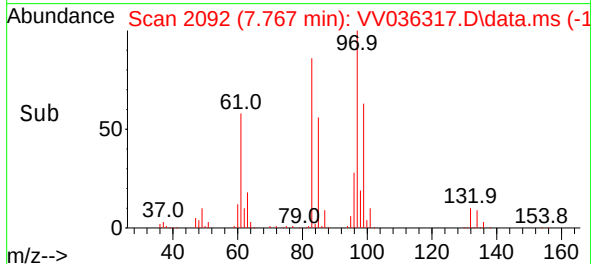
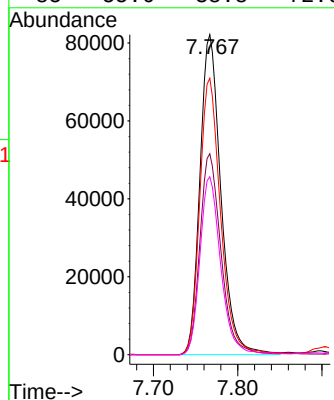
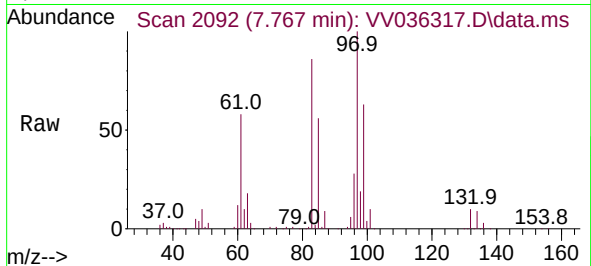
Ion Ratio Lower Upper

97 100

99 62.8 43.8 81.3

83 86.4 60.6 112.6

85 55.6 38.8 72.0



#46

Tetrachloroethene

Concen: 24.159 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Tgt Ion:164 Resp: 134250

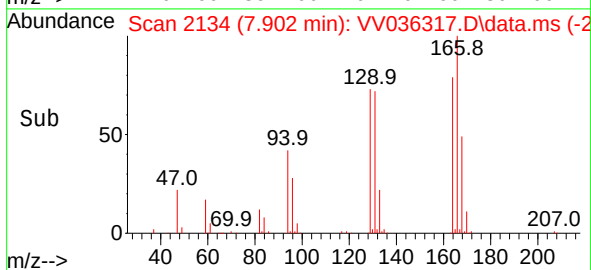
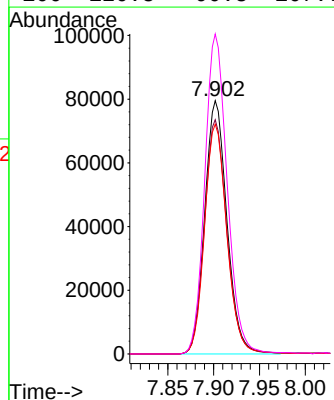
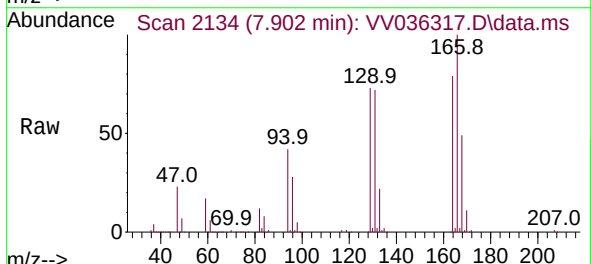
Ion Ratio Lower Upper

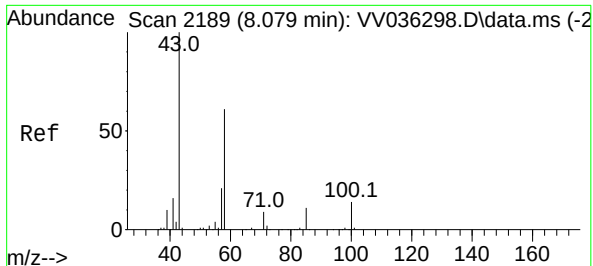
164 100

129 92.5 65.9 122.5

131 90.7 63.3 117.7

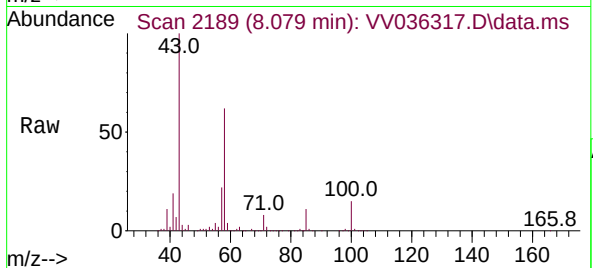
166 126.3 90.3 167.7





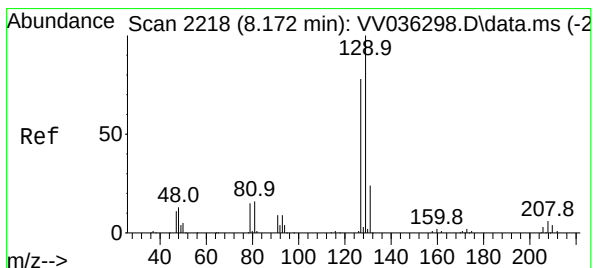
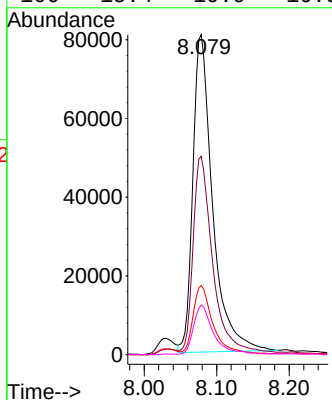
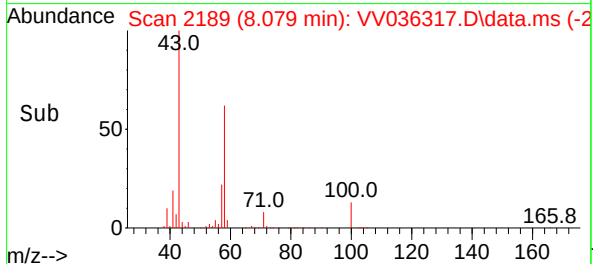
#48
2-Hexanone
Concen: 55.687 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 152868

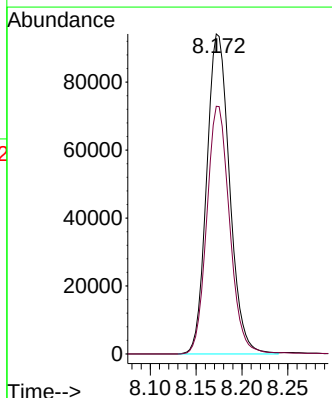
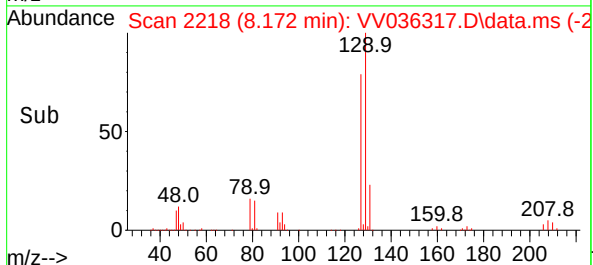
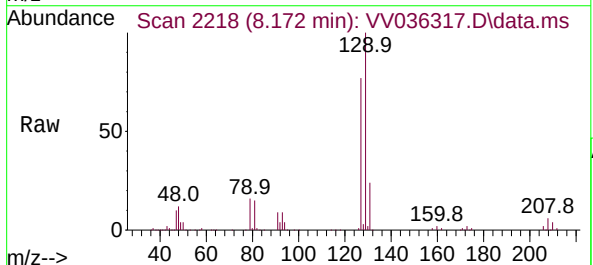
Ion	Ratio	Lower	Upper
43	100		
58	63.0	48.5	72.7
57	21.2	15.8	23.6
100	15.4	10.9	16.3

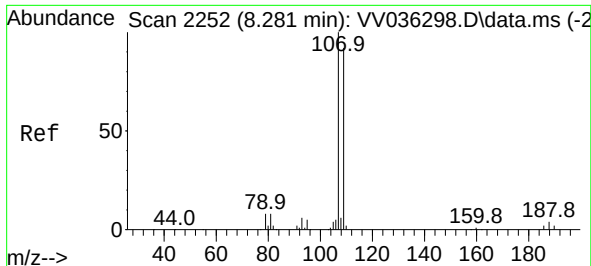


#49
Dibromochloromethane
Concen: 26.875 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Tgt Ion: 129 Resp: 163866

Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.9	101.9





#50

1,2-Dibromoethane

Concen: 27.582 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :

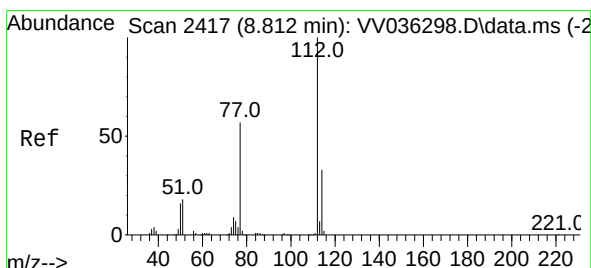
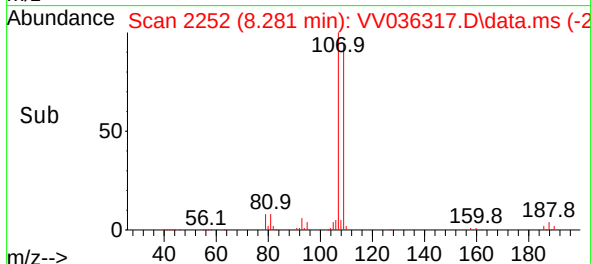
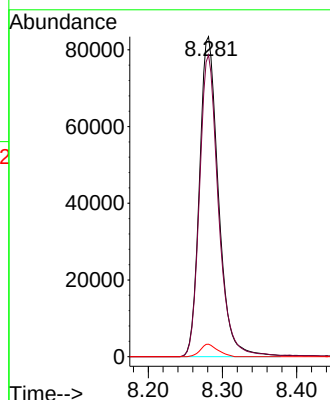
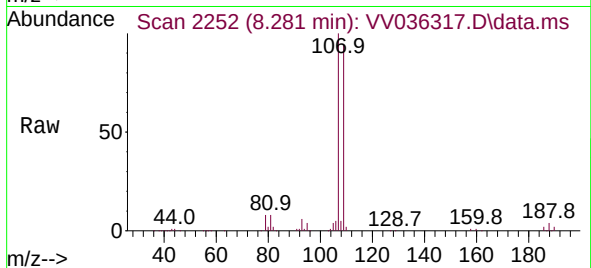
Tgt Ion:107 Resp: 148619

Ion Ratio Lower Upper

107 100

109 94.3 64.7 120.1

188 4.1 3.0 4.6



#51

Chlorobenzene

Concen: 25.671 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

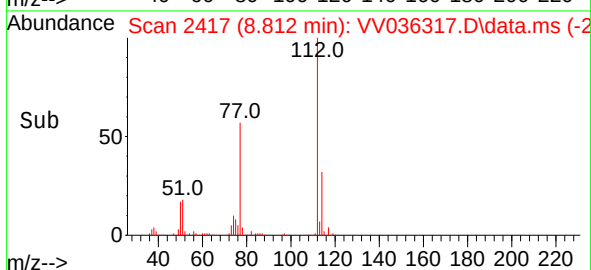
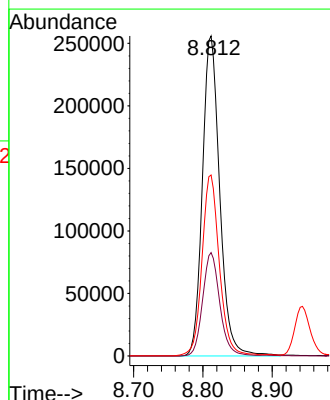
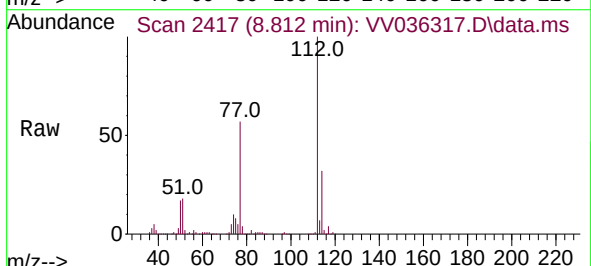
Tgt Ion:112 Resp: 444584

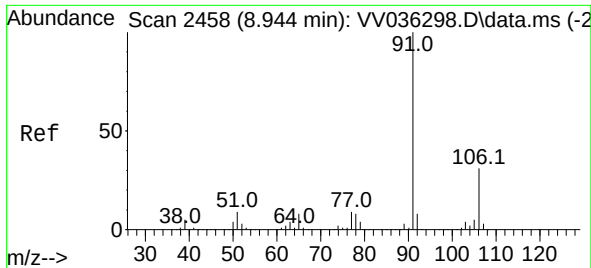
Ion Ratio Lower Upper

112 100

114 32.3 22.8 42.4

77 56.6 46.2 69.2

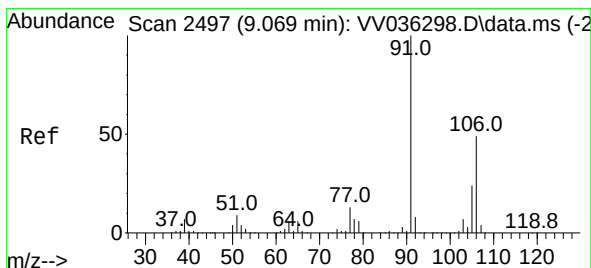
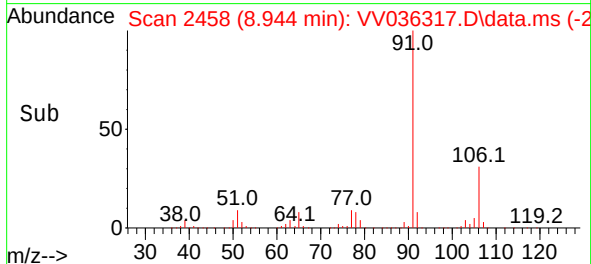
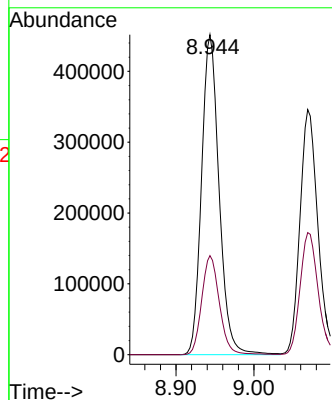
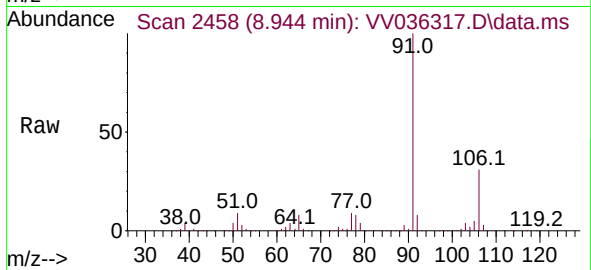




#52
Ethylbenzene
Concen: 25.822 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

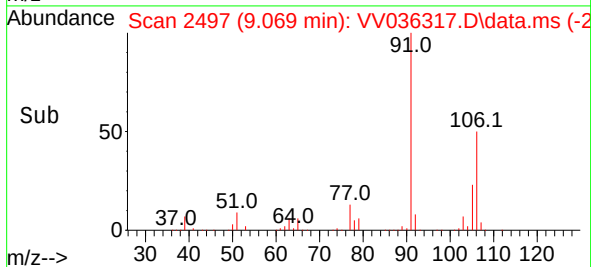
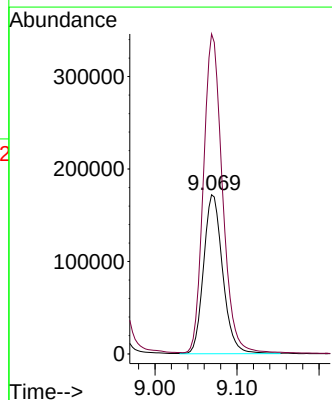
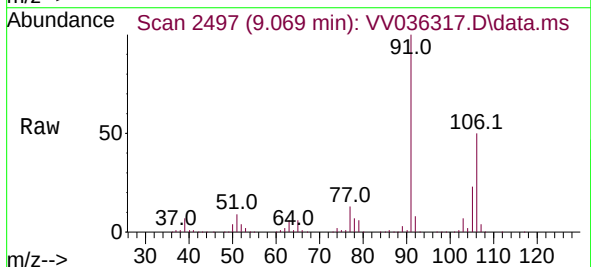
Instrument :
MSVOA_V
ClientSampleId :

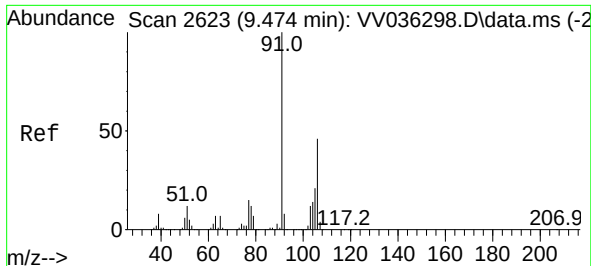
Tgt Ion: 91 Resp: 705999
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.4



#53
m,p-Xylene
Concen: 27.303 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Tgt Ion: 106 Resp: 278213
Ion Ratio Lower Upper
106 100
91 200.9 142.2 264.0

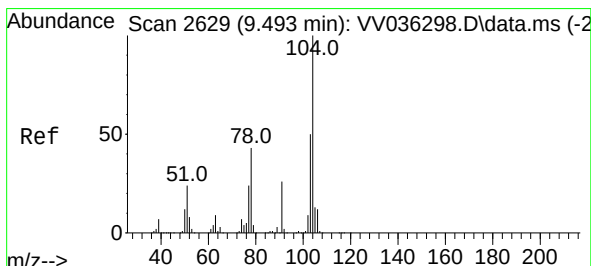
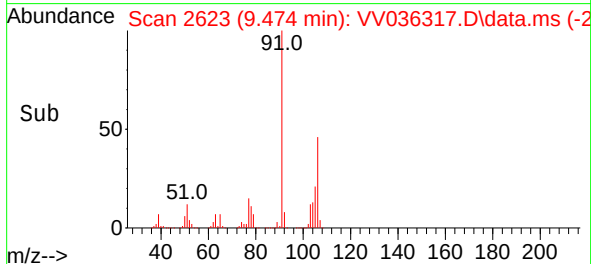
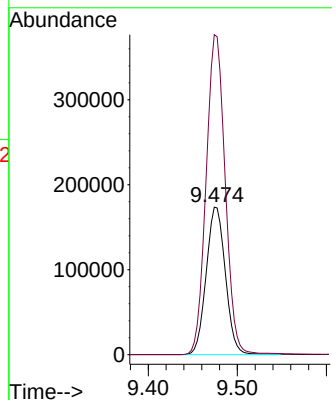
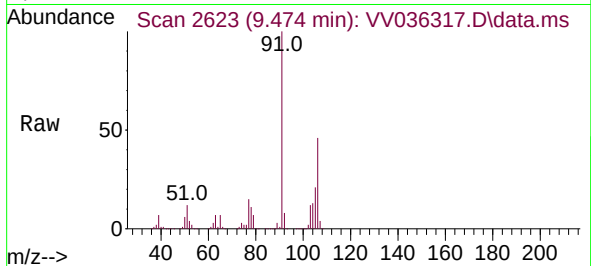




#54
o-Xylene
Concen: 27.105 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

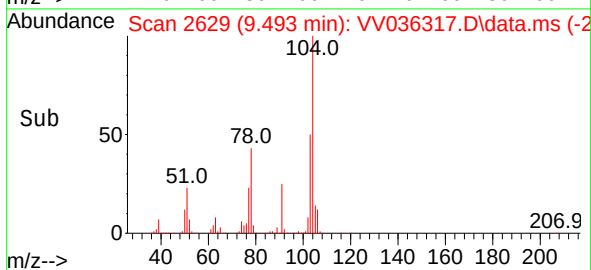
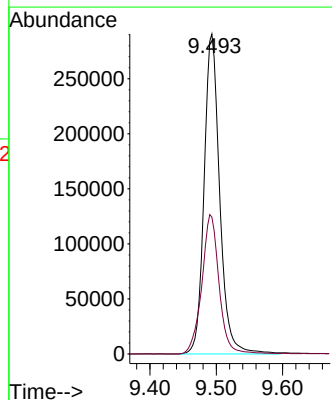
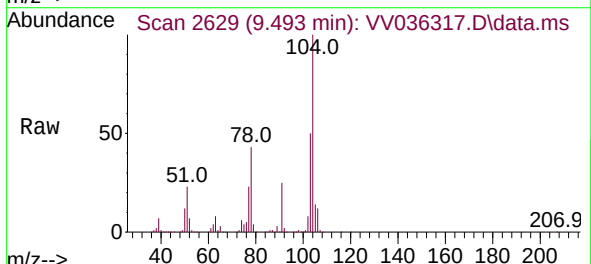
Instrument :
MSVOA_V
ClientSampleId :

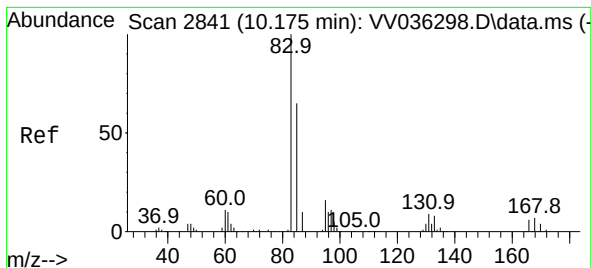
Tgt Ion:106 Resp: 259733
Ion Ratio Lower Upper
106 100
91 216.9 152.7 283.7



#55
Styrene
Concen: 28.379 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Tgt Ion:104 Resp: 476594
Ion Ratio Lower Upper
104 100
78 42.8 30.2 56.2

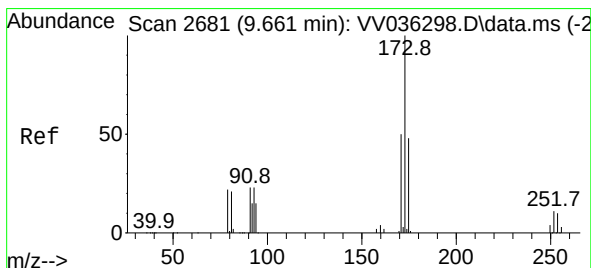
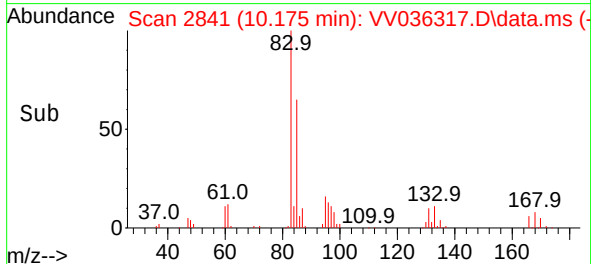
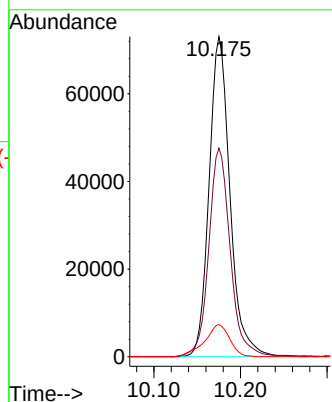
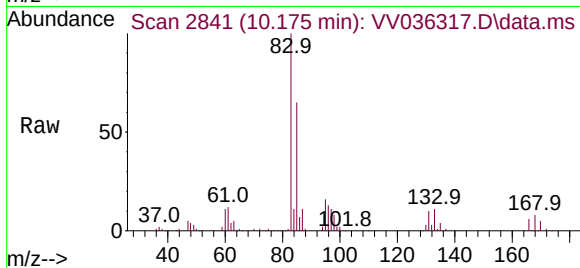




#57
1,1,2,2-Tetrachloroethane
Concen: 24.952 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

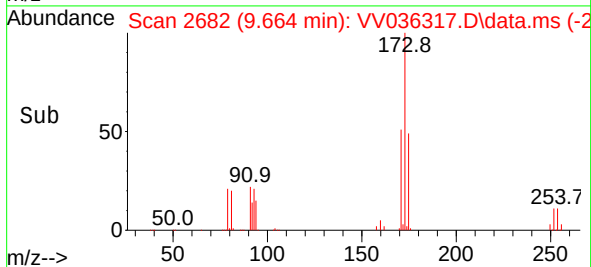
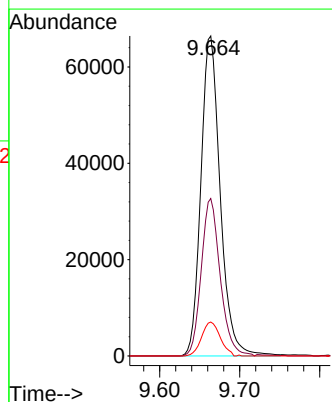
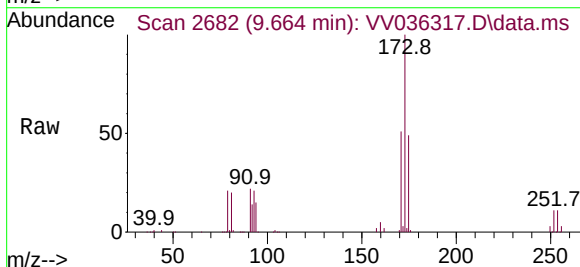
Instrument :
MSVOA_V
ClientSampleId :

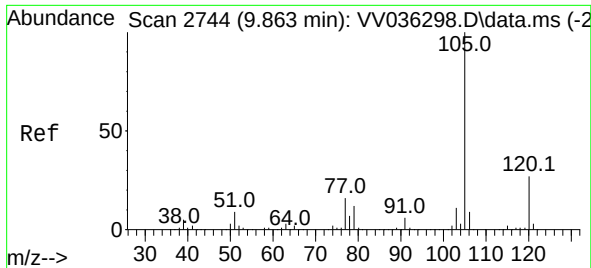
Tgt Ion: 83 Resp: 122148
Ion Ratio Lower Upper
83 100
85 65.1 45.7 84.9
131 10.1 7.8 11.6



#59
Bromoform
Concen: 26.852 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Tgt Ion: 173 Resp: 112008
Ion Ratio Lower Upper
173 100
175 48.0 38.9 58.3
254 10.2 7.2 10.8

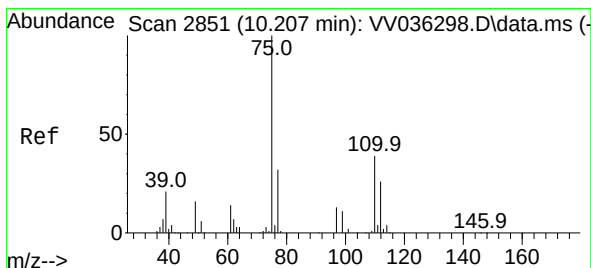
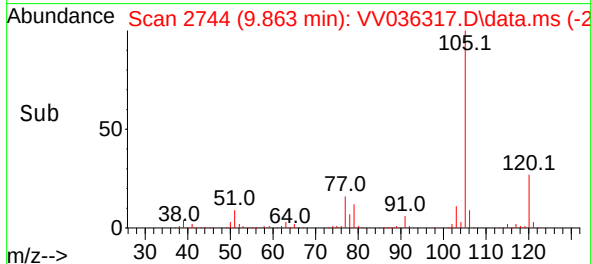
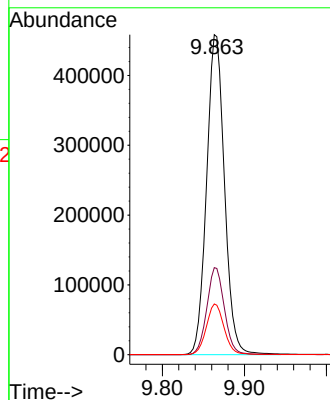
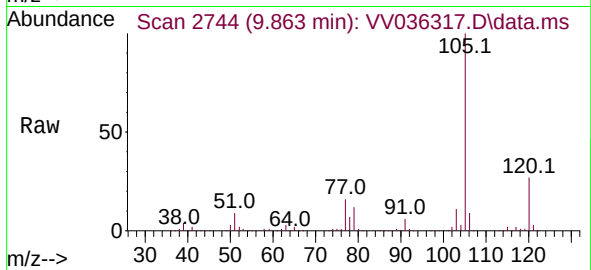




#60
Isopropylbenzene
Concen: 26.067 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

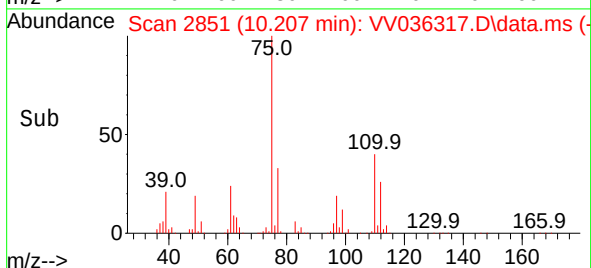
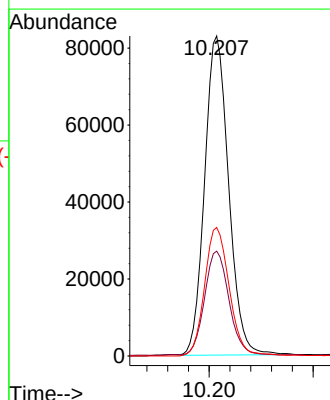
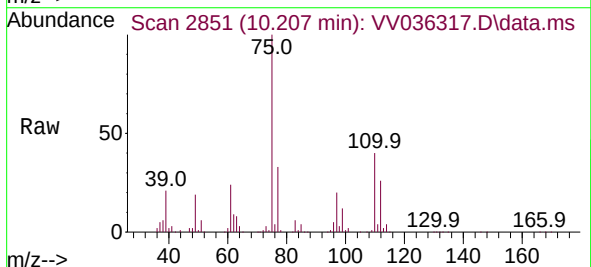
Instrument :
MSVOA_V
ClientSampleId :

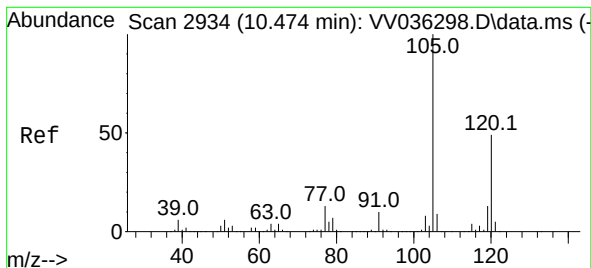
Tgt Ion:105 Resp: 694358
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 26.799 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV036317.D
Acq: 27 Jun 2024 18:51

Tgt Ion: 75 Resp: 133270
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8
110 41.3 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 26.875 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Instrument :

MSVOA_V

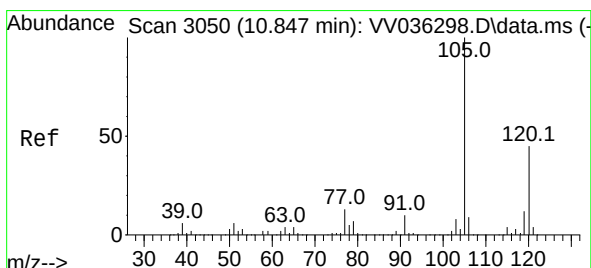
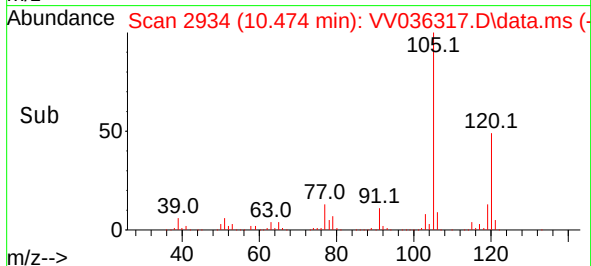
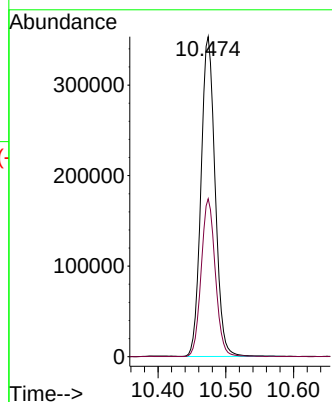
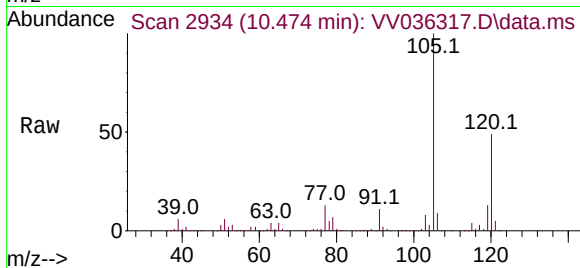
ClientSampleId :

Tgt Ion:105 Resp: 512325

Ion Ratio Lower Upper

105 100

120 49.2 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 27.317 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036317.D

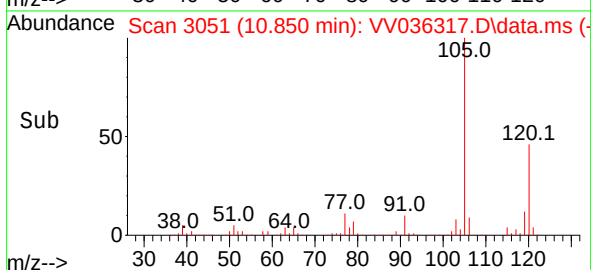
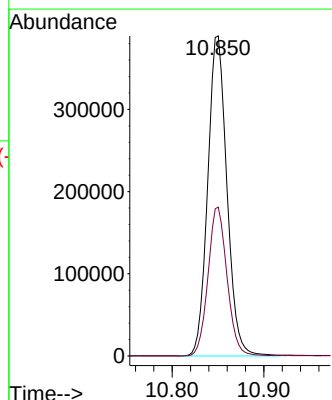
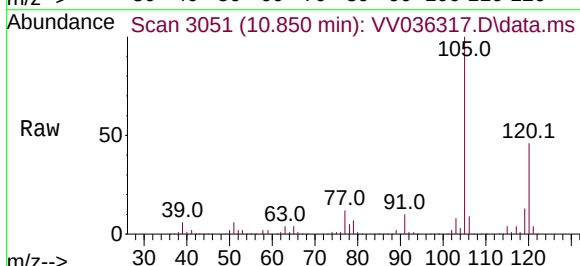
Acq: 27 Jun 2024 18:51

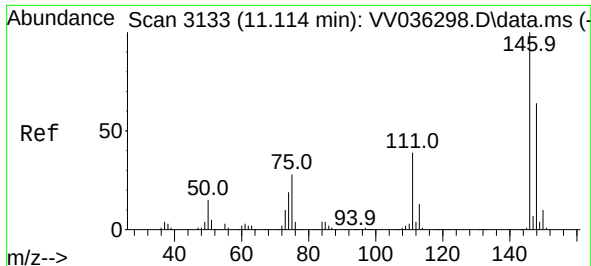
Tgt Ion:105 Resp: 565882

Ion Ratio Lower Upper

105 100

120 46.2 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 26.279 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :

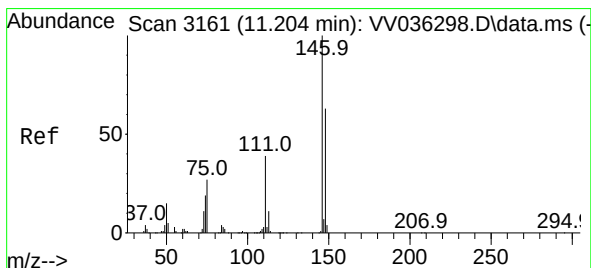
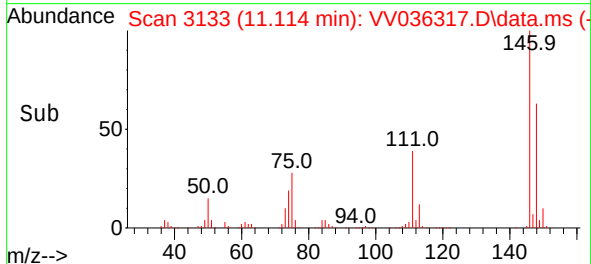
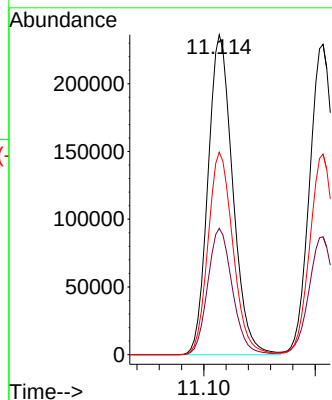
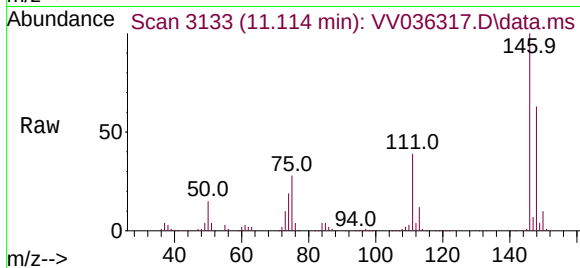
Tgt Ion:146 Resp: 364762

Ion Ratio Lower Upper

146 100

111 39.5 27.5 51.1

148 63.3 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 24.961 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

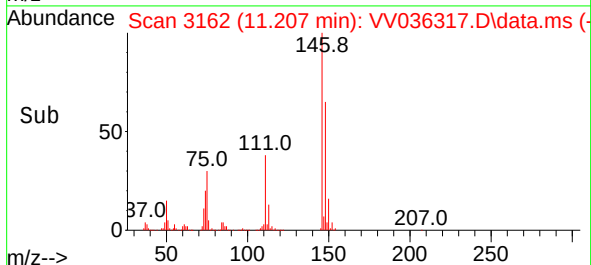
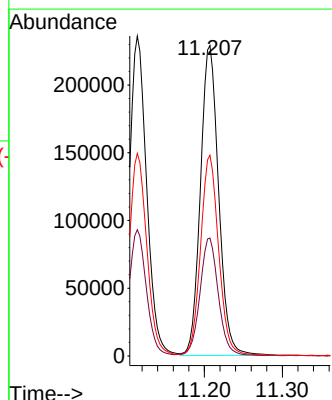
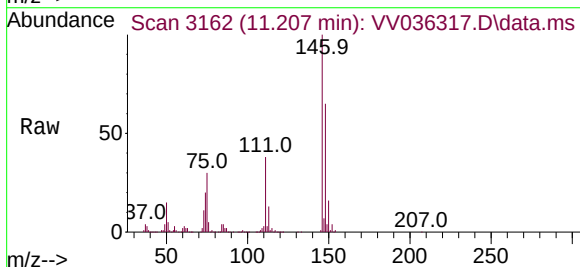
Tgt Ion:146 Resp: 371382

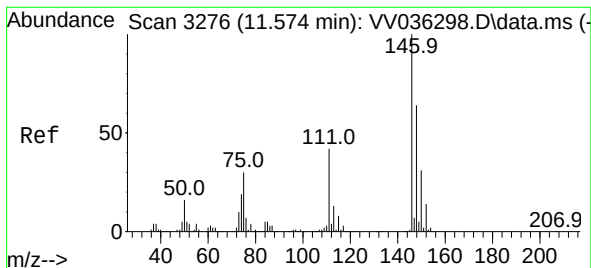
Ion Ratio Lower Upper

146 100

111 38.0 27.5 51.1

148 64.6 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 26.041 ug/L

RT: 11.577 min Scan# 3276

Delta R.T. 0.003 min

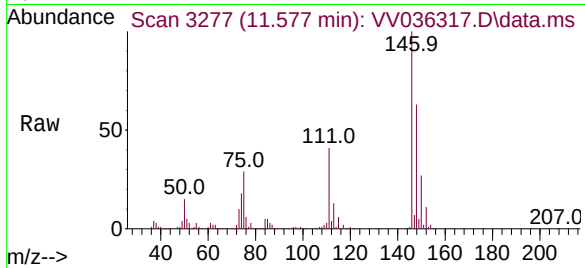
Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :



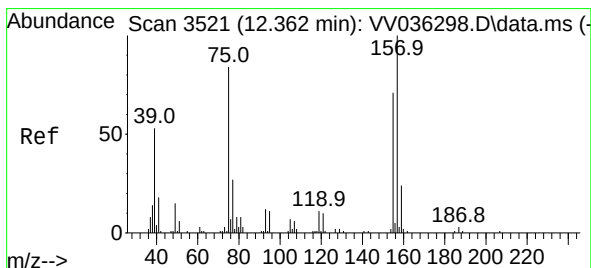
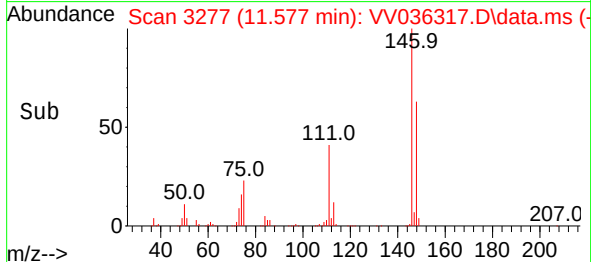
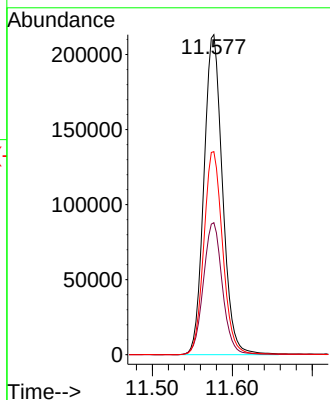
Tgt Ion:146 Resp: 345066

Ion Ratio Lower Upper

146 100

111 41.3 33.3 49.9

148 63.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 28.489 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

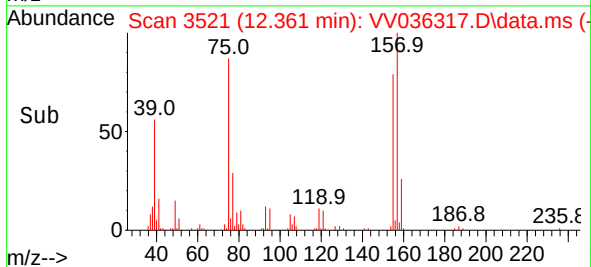
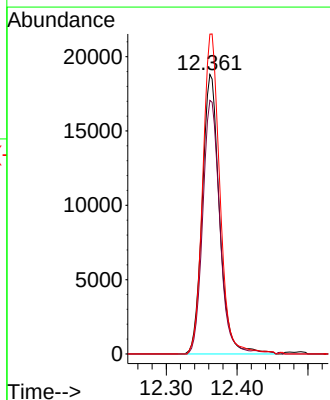
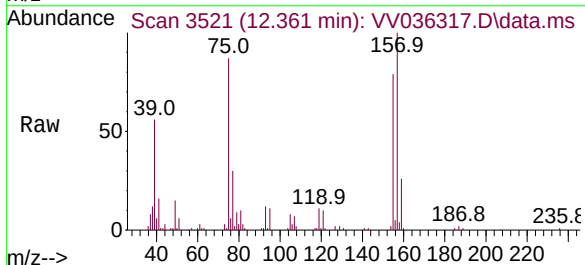
Tgt Ion: 75 Resp: 31784

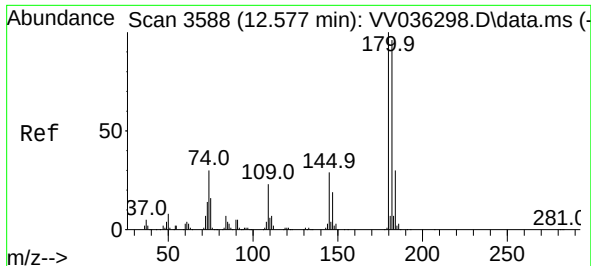
Ion Ratio Lower Upper

75 100

155 90.8 68.3 102.5

157 114.5 95.7 143.5





#69

1,3,5-Trichlorobenzene

Concen: 25.757 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

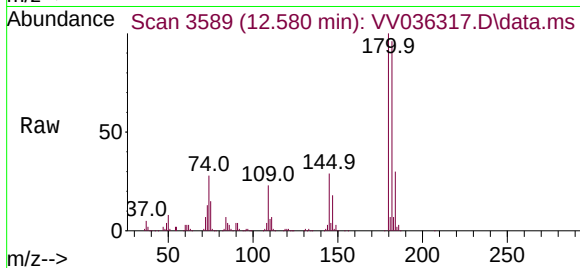
Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 269197

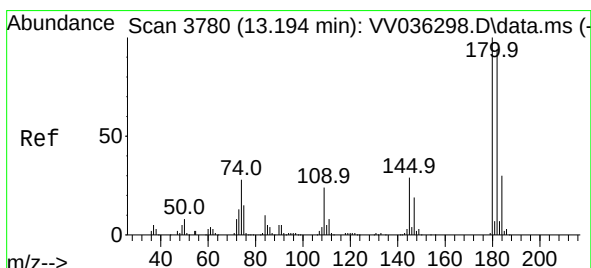
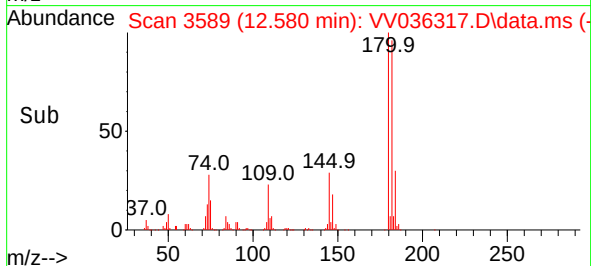
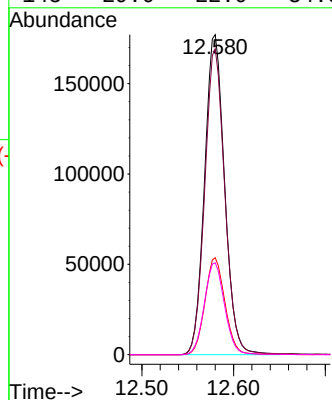
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.4

184 30.2 23.3 34.9

145 29.0 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 27.897 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

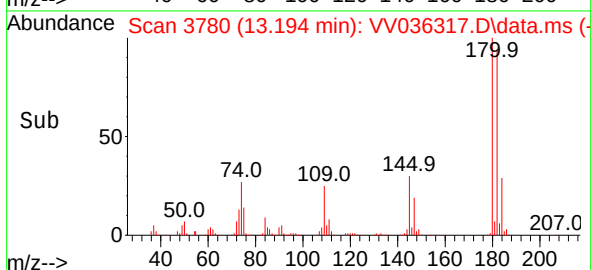
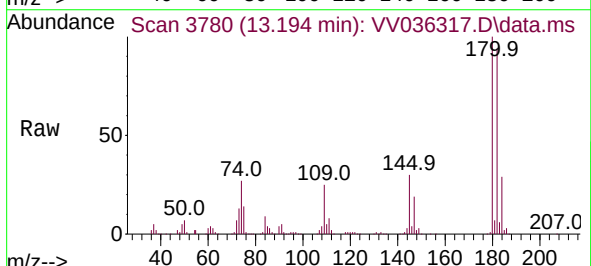
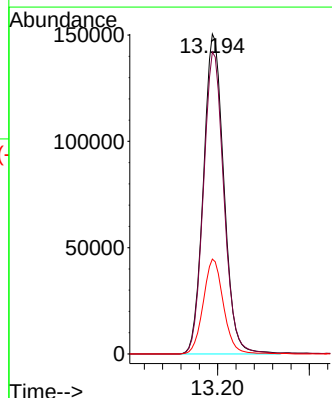
Tgt Ion:180 Resp: 232506

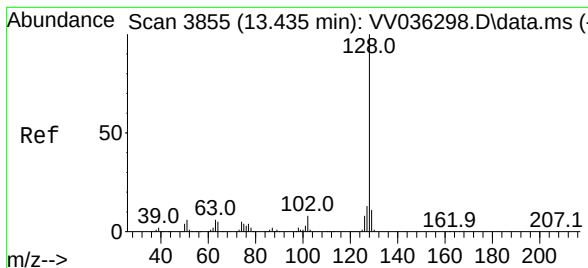
Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

145 29.2 23.8 35.8





#71

Naphthalene

Concen: 30.632 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :

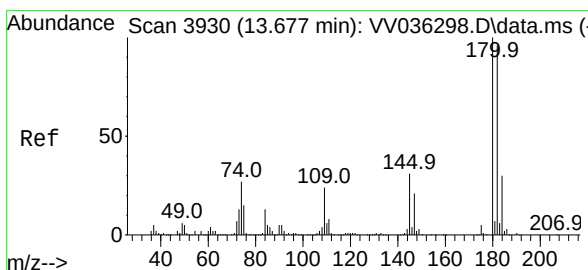
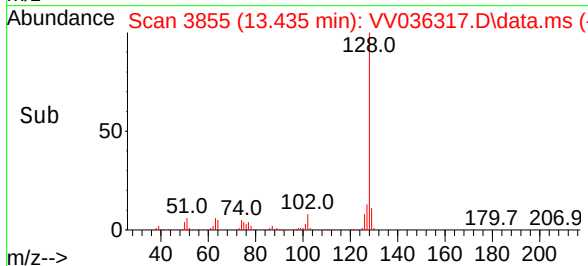
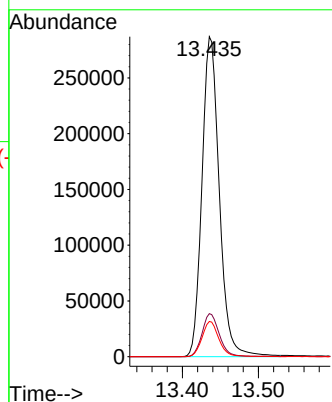
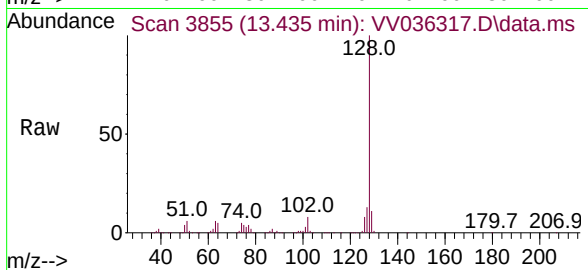
Tgt Ion:128 Resp: 455199

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 29.081 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036317.D

Acq: 27 Jun 2024 18:51

Tgt Ion:180 Resp: 227919

Ion Ratio Lower Upper

180 100

182 94.0 76.7 115.1

145 31.2 25.0 37.4

