

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080624\
 Data File : VV036814.D
 Acq On : 06 Aug 2024 15:42
 Operator : SY/MD
 Sample : P3433-09MSD
 Misc : 1.39G/5 mL/100uL/5.00mL/MSVOA_V/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E05Y9MSD

Quant Time: Aug 07 05:03:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 07 04:57:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	430275	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	409807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	215961	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	142620	41.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.000%
7) Chloroethane-d5	1.500	69	31211	11.516	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	23.040%#
11) 1,1-Dichloroethene-d2	2.031	65	61154	41.600	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.200%
21) 2-Butanone-d5	3.812	46	205360m	112.782	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.780%
24) Chloroform-d	4.236	84	296847	48.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
26) 1,2-Dichloroethane-d4	4.934	65	189821	47.871	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
32) Benzene-d6	4.944	84	575980	46.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
36) 1,2-Dichloropropane-d6	5.982	67	212254	53.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.300%
41) Toluene-d8	7.236	98	522076	45.981	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	7.551	79	99738	47.993	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.980%
47) 2-Hexanone-d5	8.034	63	148063	128.956	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.960%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	252754	55.126	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.260%
66) 1,2-Dichlorobenzene-d4	11.558	152	213983	48.625	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	186310m	54.305	ug/L	
3) Chloromethane	1.217	50	192624	53.649	ug/L	99
5) Vinyl chloride	1.278	62	190752	51.734	ug/L	99
6) Bromomethane	1.462	94	45884	19.765	ug/L	100
8) Chloroethane	1.513	64	29968m	13.121	ug/L	
9) Trichlorofluoromethane	1.664	101	234559	48.567	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.037	101	143064	50.271	ug/L	99
12) 1,1-Dichloroethene	2.040	96	133584	49.148	ug/L	98
13) Acetone	2.124	43	148613m	97.549	ug/L	
14) Carbon disulfide	2.211	76	406207	47.577	ug/L	99
15) Methyl Acetate	2.375	43	160285	51.072	ug/L	99
16) Methylene chloride	2.429	84	151686	49.642	ug/L	97
17) trans-1,2-Dichloroethene	2.671	96	137352	48.786	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	497954	50.219	ug/L	98
19) 1,1-Dichloroethane	3.092	63	273225	48.035	ug/L	98
20) cis-1,2-Dichloroethene	3.799	96	167083	50.563	ug/L	99
22) 2-Butanone	3.896	43	216812m	106.234	ug/L	
23) Bromochloromethane	4.130	128	82958	51.681	ug/L	97
25) Chloroform	4.265	83	297138	50.861	ug/L	100

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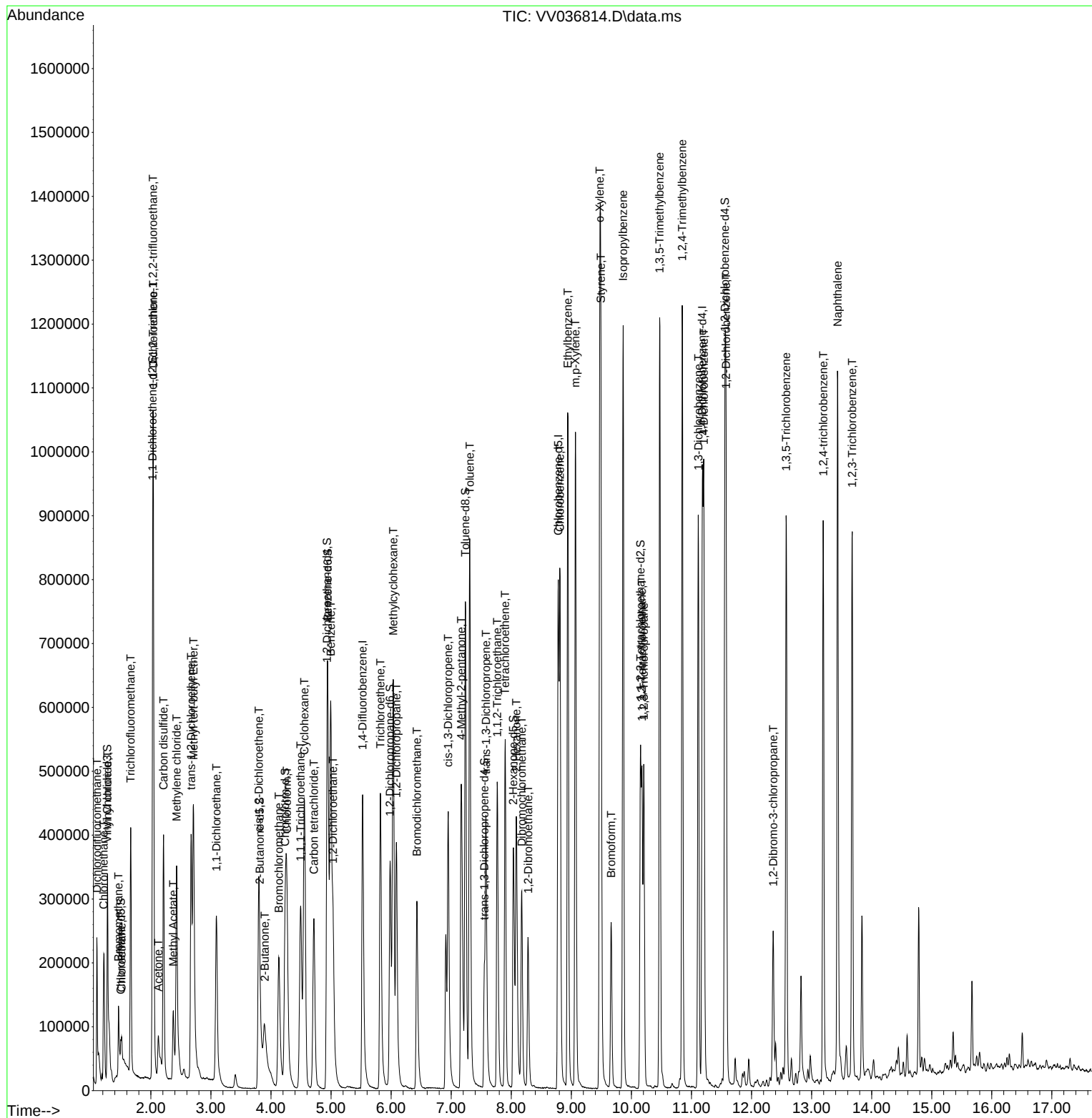
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	229648	49.834	ug/L	100
29) Cyclohexane	4.555	56	269652	51.643	ug/L	98
30) 1,1,1-Trichloroethane	4.494	97	252089	48.826	ug/L	100
31) Carbon tetrachloride	4.715	117	211888	48.867	ug/L	99
33) Benzene	4.995	78	632859	51.631	ug/L	100
34) Trichloroethene	5.822	95	175338	49.358	ug/L	96
35) Methylcyclohexane	6.037	83	282171	51.764	ug/L	97
37) 1,2-Dichloropropane	6.088	63	166011	51.126	ug/L	100
38) Bromodichloromethane	6.429	83	220364	49.282	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	272133	48.936	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	441916	109.865	ug/L	96
42) Toluene	7.310	91	673267	51.569	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	263698	50.887	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	162337	51.625	ug/L	99
46) Tetrachloroethene	7.899	164	120336	51.644	ug/L	98
48) 2-Hexanone	8.085	43	330370	111.644	ug/L	99
49) Dibromochloromethane	8.175	129	163516	50.602	ug/L	98
50) 1,2-Dibromoethane	8.281	107	173100	53.056	ug/L	100
51) Chlorobenzene	8.812	112	432889	51.676	ug/L	100
52) Ethylbenzene	8.940	91	770744	51.703	ug/L	100
53) m,p-Xylene	9.069	106	290235	52.086	ug/L	99
54) o-Xylene	9.474	106	286684	52.603	ug/L	99
55) Styrene	9.493	104	495740	53.079	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	237919	56.073	ug/L	99
59) Bromoform	9.664	173	114383	47.876	ug/L	97
60) Isopropylbenzene	9.863	105	770233	48.989	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	196647	50.583	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	649530	49.622	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	658818	50.279	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	345563	51.111	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	352801	51.314	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	344033	52.101	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	57763	51.416	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	251169	52.348	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	245448	53.338	ug/L	100
71) Naphthalene	13.432	128	841645	57.035	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	239567	53.184	ug/L	100

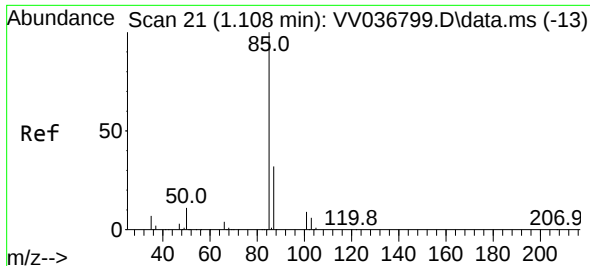
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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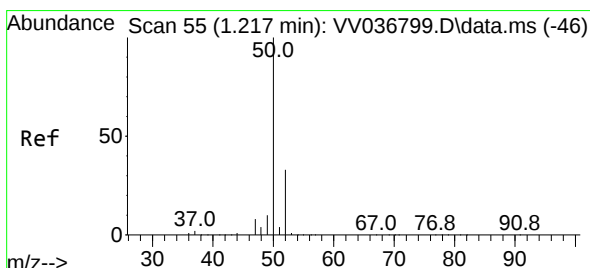
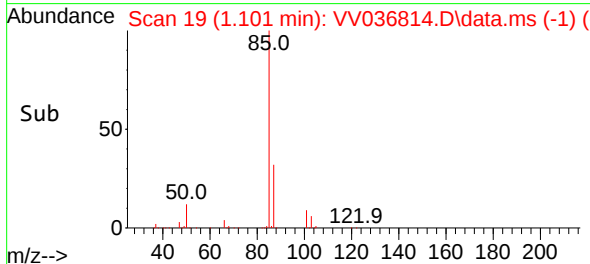
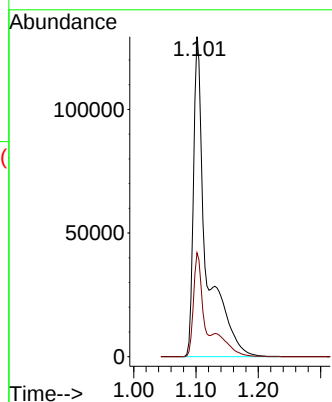
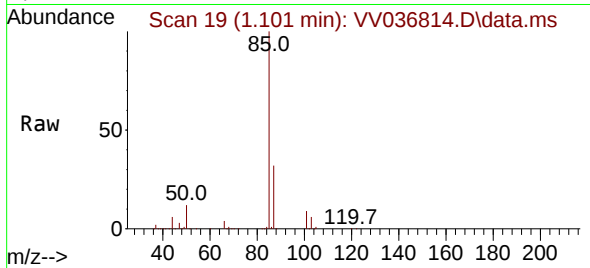




#2
Dichlorodifluoromethane
Concen: 54.305 ug/L m
RT: 1.101 min Scan# 19
Delta R.T. -0.006 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

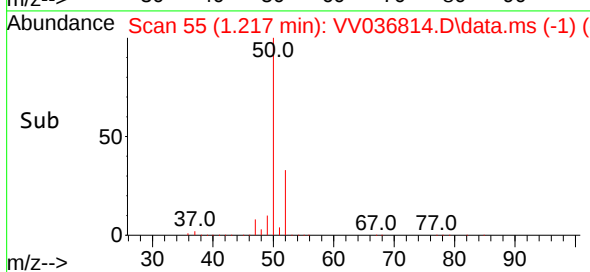
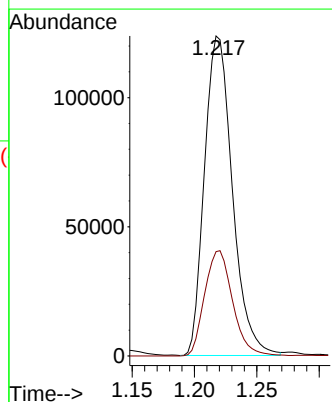
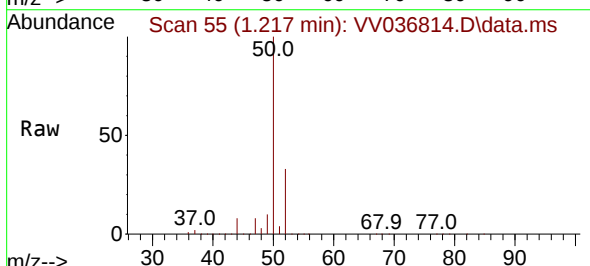
Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

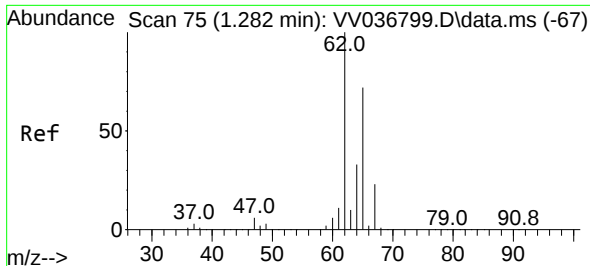
Tgt Ion: 85 Resp: 186310
Ion Ratio Lower Upper
85 100
87 22.8 25.9 38.9#



#3
Chloromethane
Concen: 53.649 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion: 50 Resp: 192624
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.8

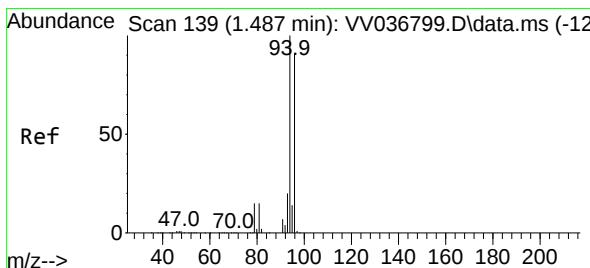
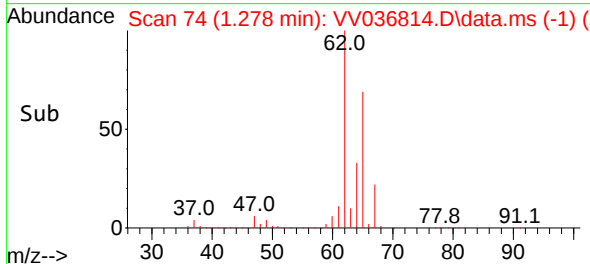
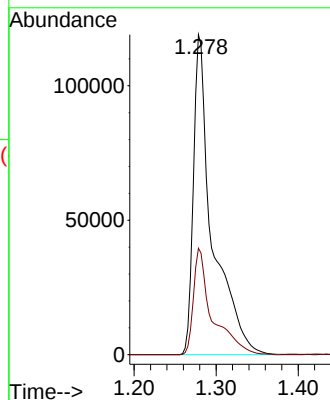
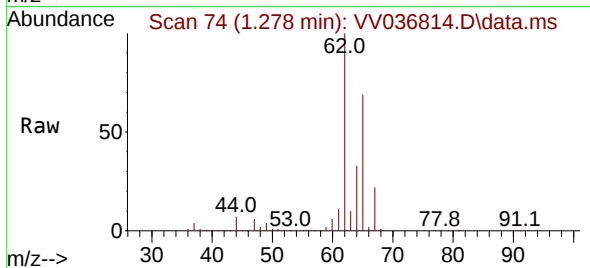




#5
 Vinyl chloride
 Concen: 51.734 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV036814.D
 Acq: 06 Aug 2024 15:42

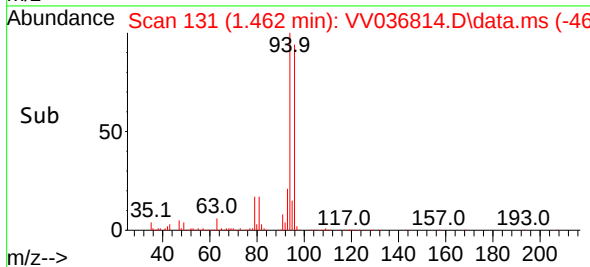
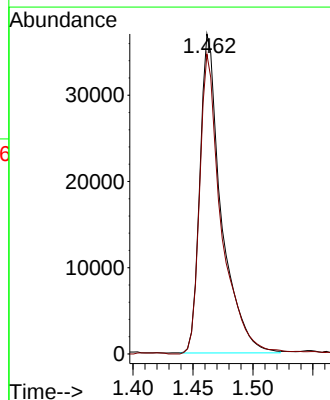
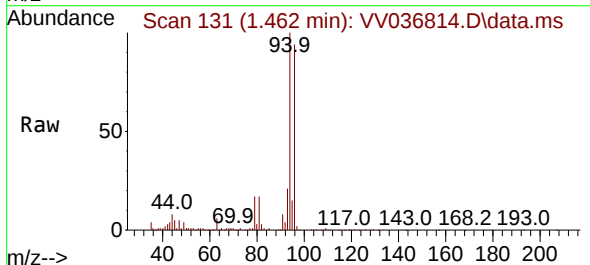
Instrument :
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 ClientSampleId :
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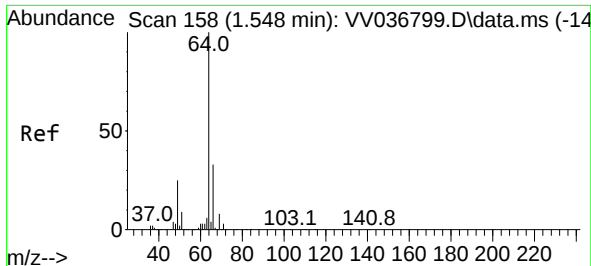
Tgt Ion: 62 Resp: 190752
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.6 43.8



#6
 Bromomethane
 Concen: 19.765 ug/L
 RT: 1.462 min Scan# 131
 Delta R.T. -0.026 min
 Lab File: VV036814.D
 Acq: 06 Aug 2024 15:42

Tgt Ion: 94 Resp: 45884
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.5 121.7

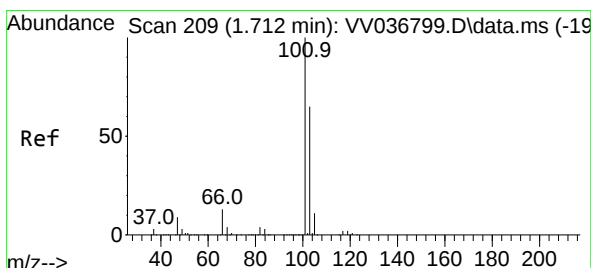
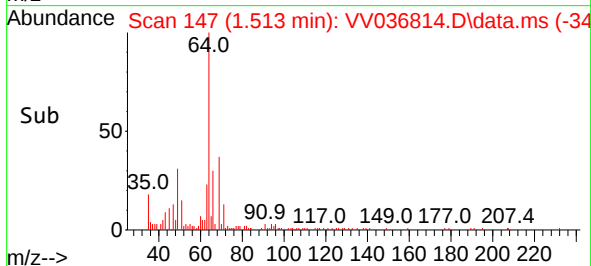
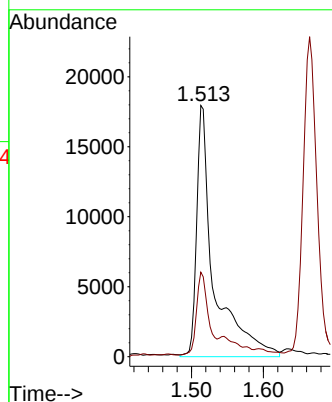
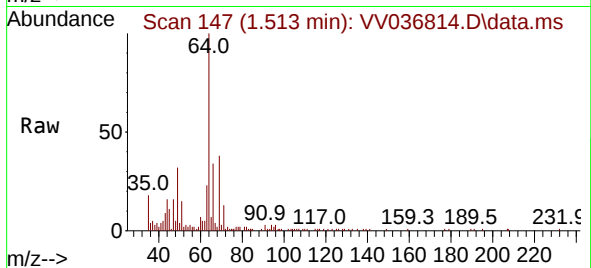




#8
Chloroethane
Concen: 13.121 ug/L m
RT: 1.513 min Scan# 14
Delta R.T. -0.035 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

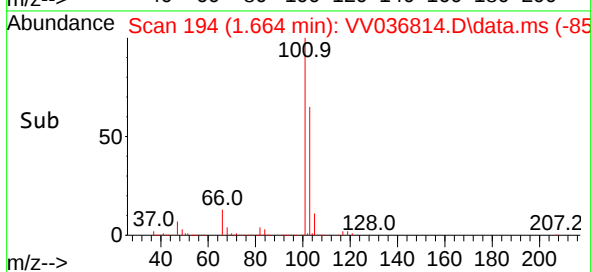
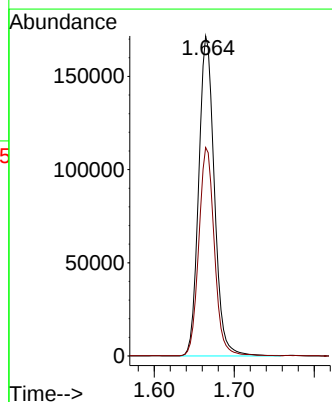
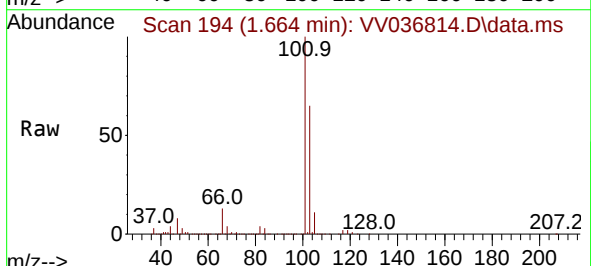
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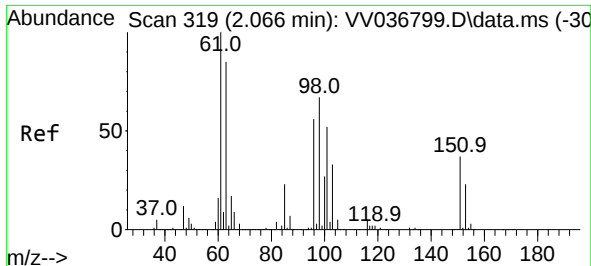
Tgt Ion: 64 Resp: 29968
Ion Ratio Lower Upper
64 100
66 33.6 23.2 43.0



#9
Trichlorofluoromethane
Concen: 48.567 ug/L
RT: 1.664 min Scan# 194
Delta R.T. -0.048 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion:101 Resp: 234559
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0





#10

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

Concen: 50.271 ug/L

RT: 2.037 min Scan# 311

Delta R.T. -0.029 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

E05Y9MSD

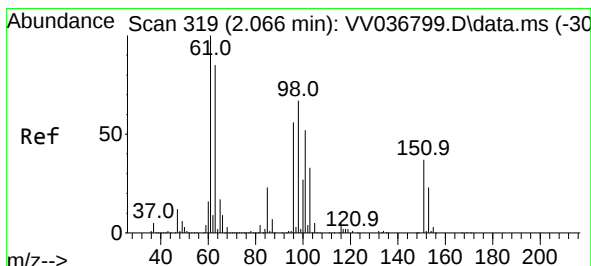
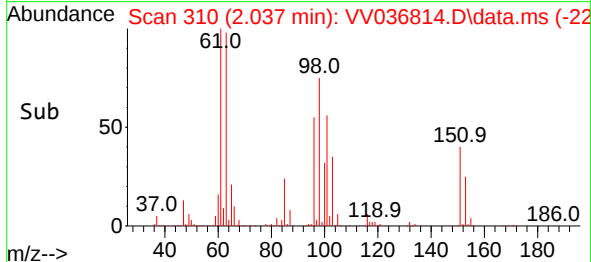
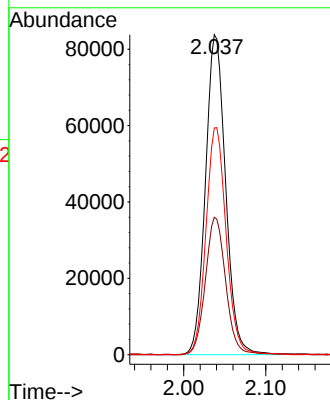
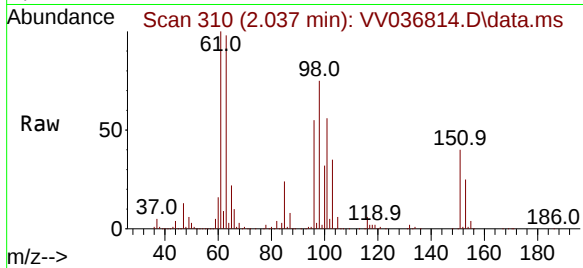
Tgt Ion:101 Resp: 143064

Ion Ratio Lower Upper

101 100

85 43.4 34.6 51.8

151 71.0 55.9 83.9



#12

1,1-Dichloroethene

Concen: 49.148 ug/L

RT: 2.040 min Scan# 311

Delta R.T. -0.026 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

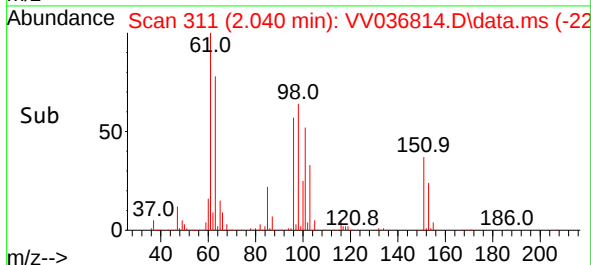
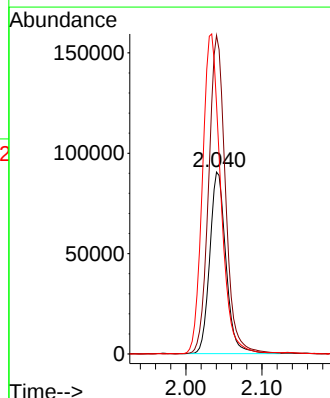
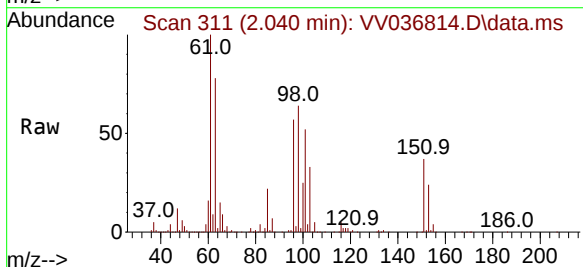
Tgt Ion: 96 Resp: 133584

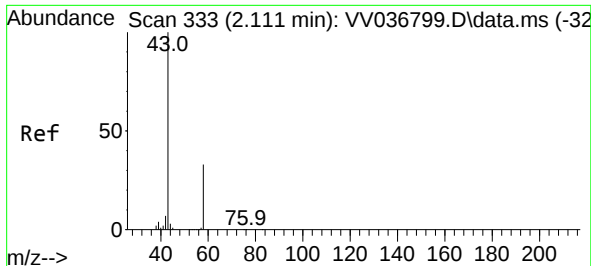
Ion Ratio Lower Upper

96 100

61 175.0 125.6 233.2

63 137.3 95.1 176.7





#13

Acetone

Concen: 97.549 ug/L m

RT: 2.124 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

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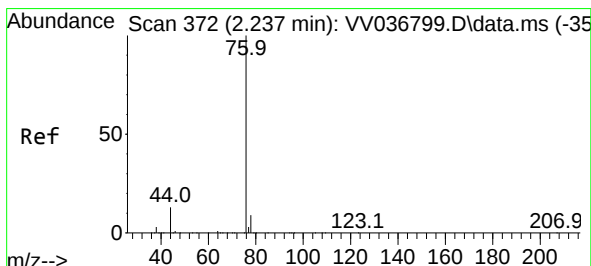
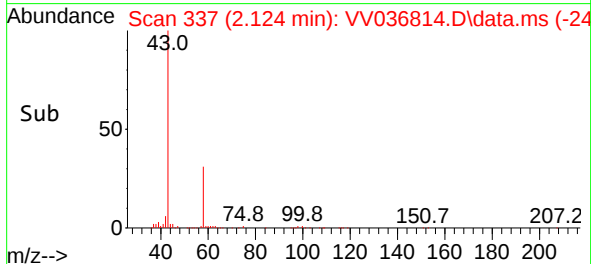
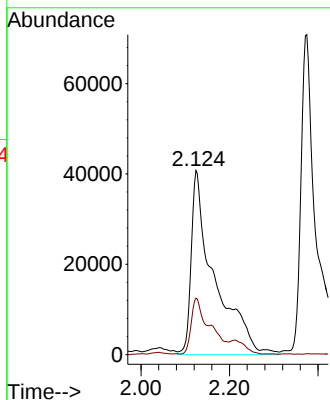
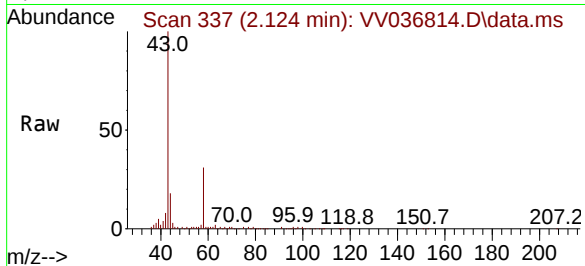
E05Y9MSD

Tgt Ion: 43 Resp: 148613

Ion Ratio Lower Upper

43 100

58 16.6 0.0 63.4



#14

Carbon disulfide

Concen: 47.577 ug/L

RT: 2.211 min Scan# 364

Delta R.T. -0.026 min

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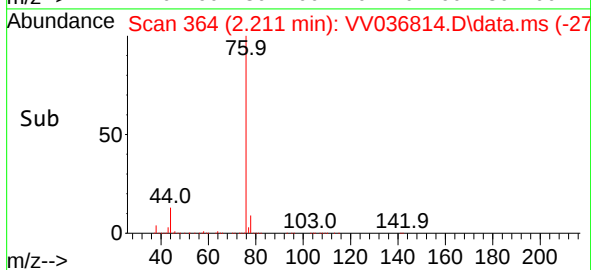
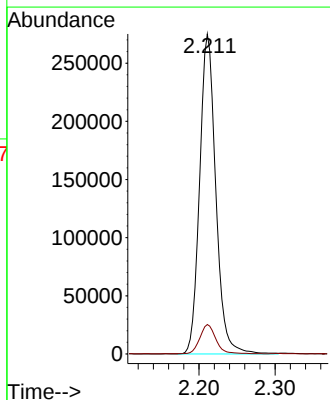
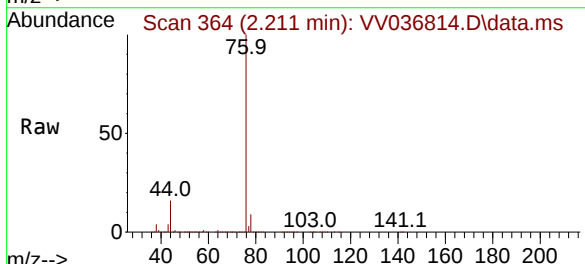
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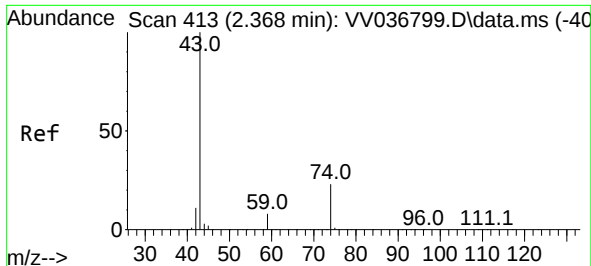
Tgt Ion: 76 Resp: 406207

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

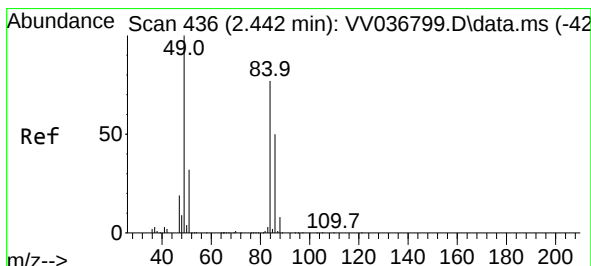
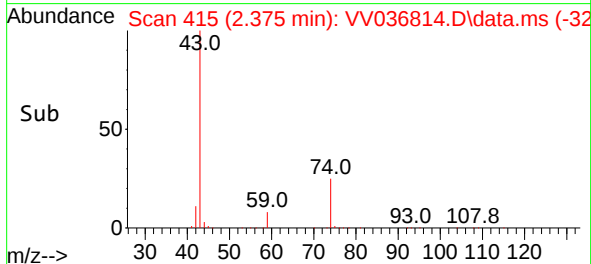
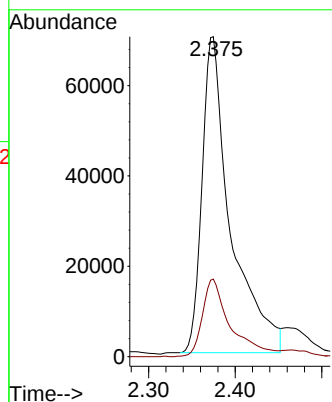
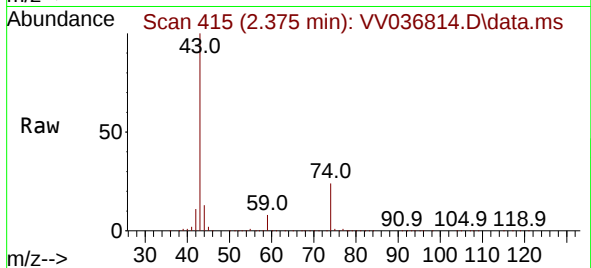




#15
Methyl Acetate
Concen: 51.072 ug/L
RT: 2.375 min Scan# 413
Delta R.T. 0.006 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

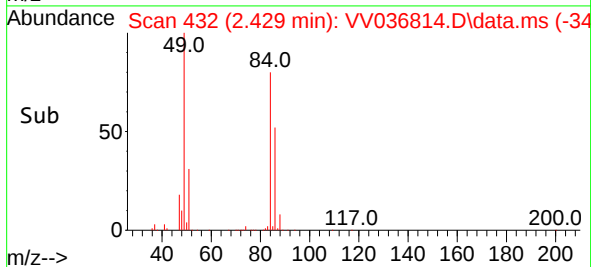
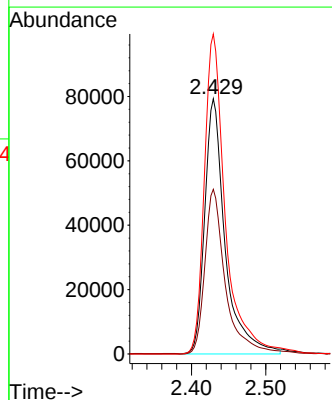
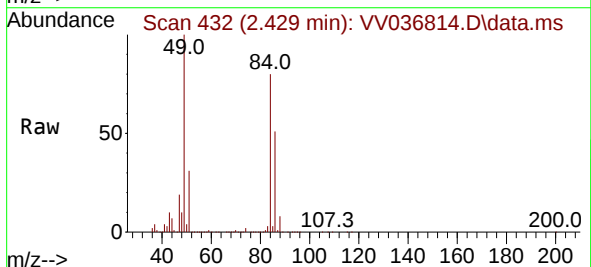
Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

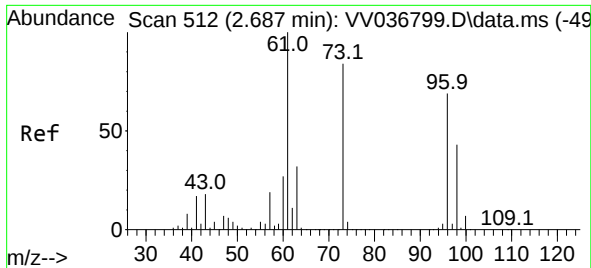
Tgt Ion: 43 Resp: 160285
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.4



#16
Methylene chloride
Concen: 49.642 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.013 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion: 84 Resp: 151686
Ion Ratio Lower Upper
84 100
86 64.5 44.3 82.3
49 125.4 91.1 169.1

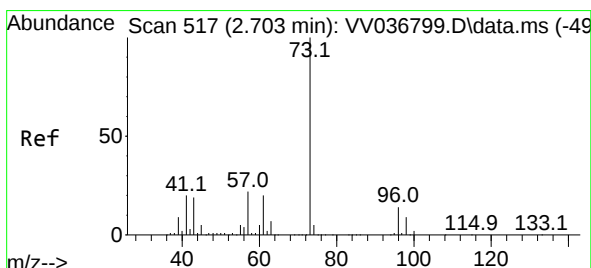
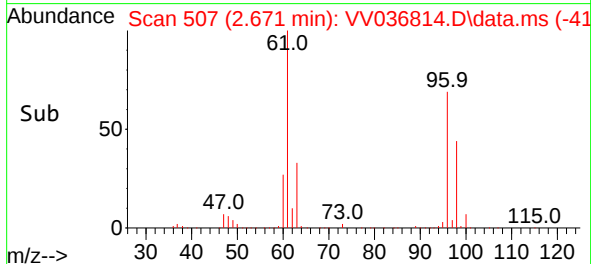
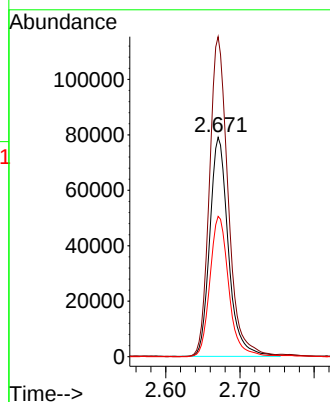
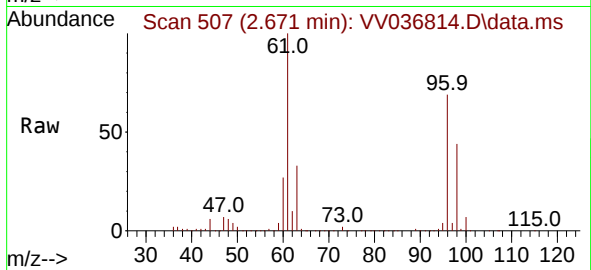




#17
trans-1,2-Dichloroethene
Concen: 48.786 ug/L
RT: 2.671 min Scan# 512
Delta R.T. -0.016 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

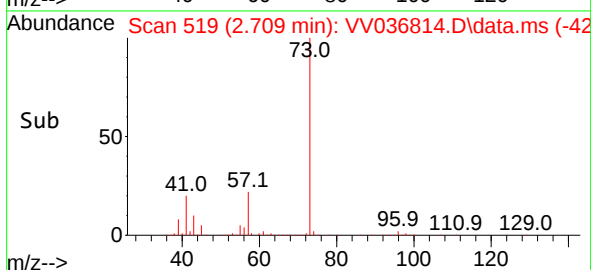
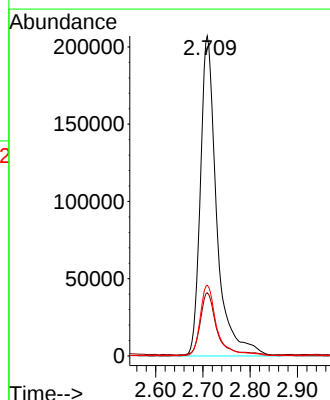
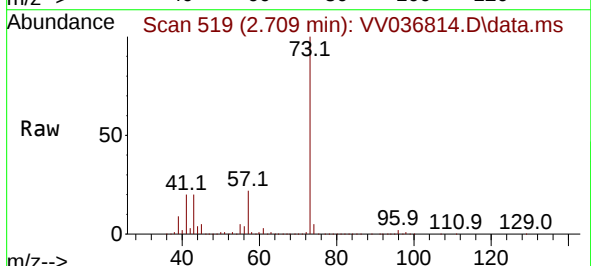
Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

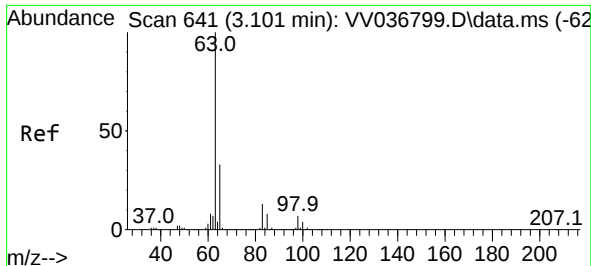
Tgt Ion: 96 Resp: 137352
Ion Ratio Lower Upper
96 100
61 145.8 100.0 185.8
98 64.0 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 50.219 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion: 73 Resp: 497954
Ion Ratio Lower Upper
73 100
43 18.6 16.1 24.1
57 22.0 17.9 26.9





#19

1,1-Dichloroethane

Concen: 48.035 ug/L

RT: 3.092 min Scan# 61

Delta R.T. -0.010 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

E05Y9MSD

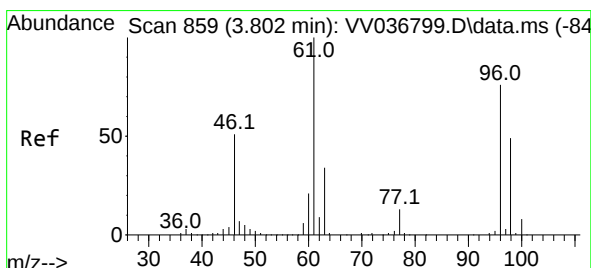
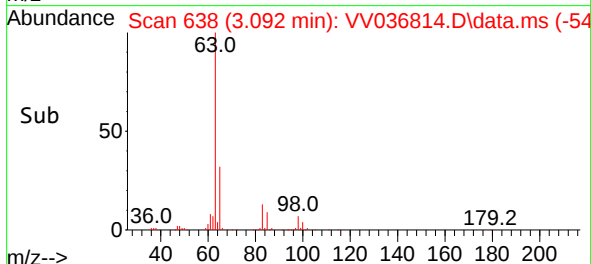
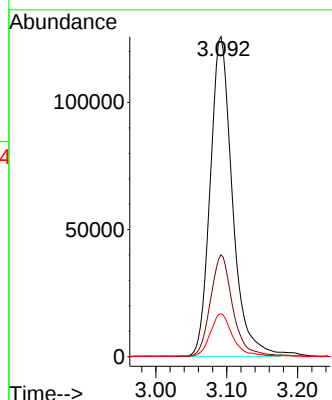
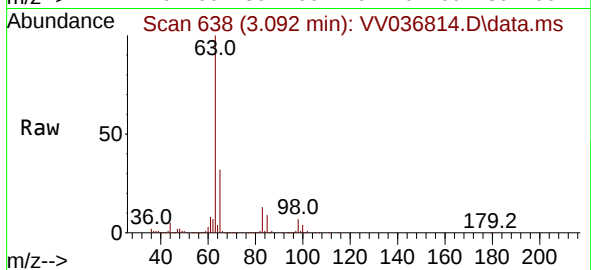
Tgt Ion: 63 Resp: 273225

Ion Ratio Lower Upper

63 100

65 31.8 23.2 43.0

83 13.4 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 50.563 ug/L

RT: 3.799 min Scan# 858

Delta R.T. -0.003 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

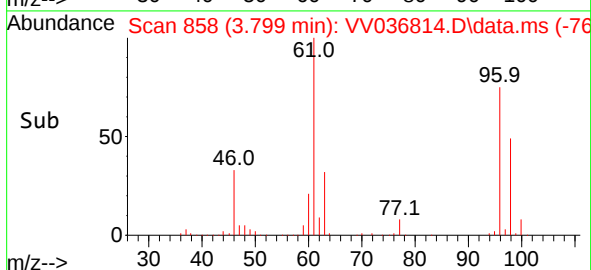
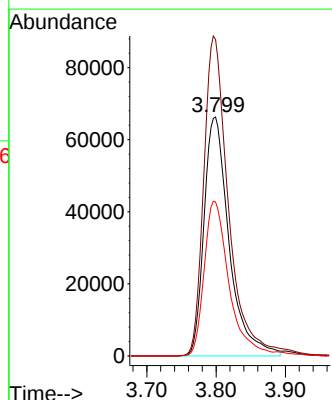
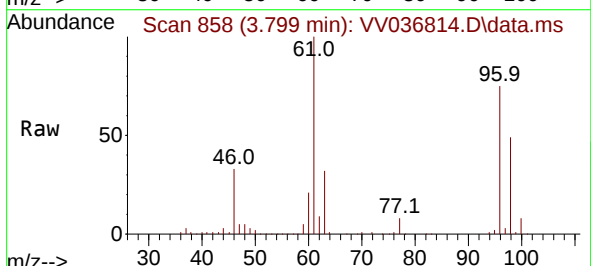
Tgt Ion: 96 Resp: 167083

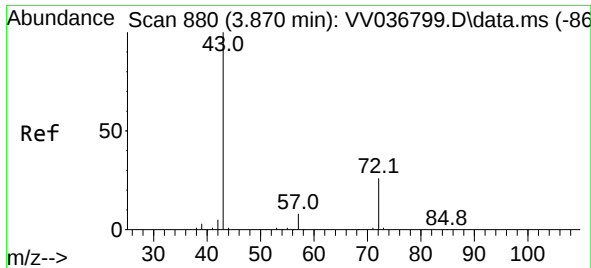
Ion Ratio Lower Upper

96 100

61 132.5 93.9 174.5

98 64.4 46.0 85.4

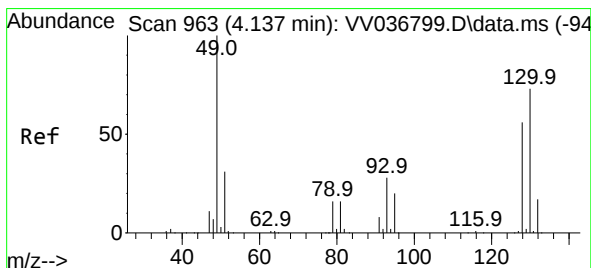
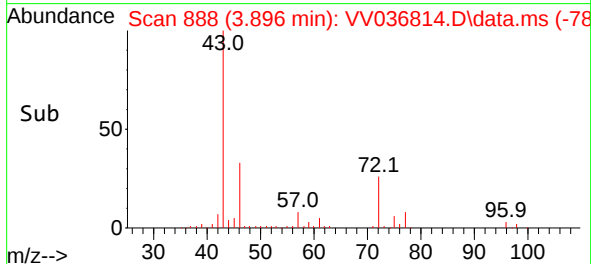
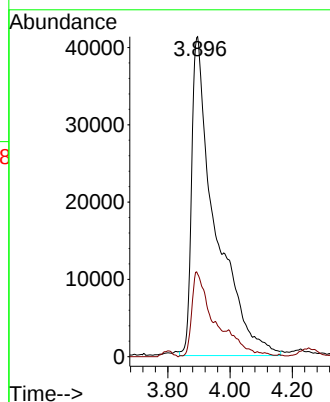
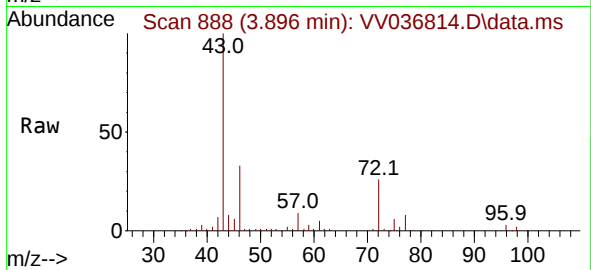




#22
2-Butanone
Concen: 106.234 ug/L m
RT: 3.896 min Scan# 880
Delta R.T. 0.026 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

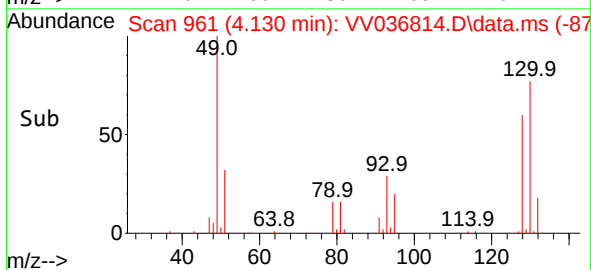
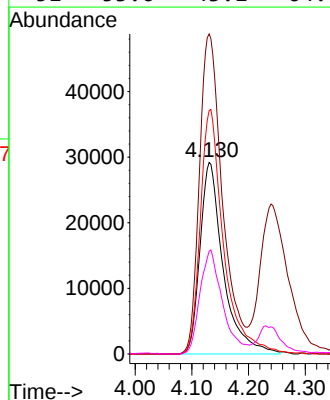
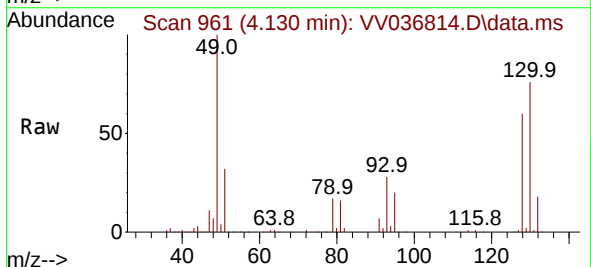
Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

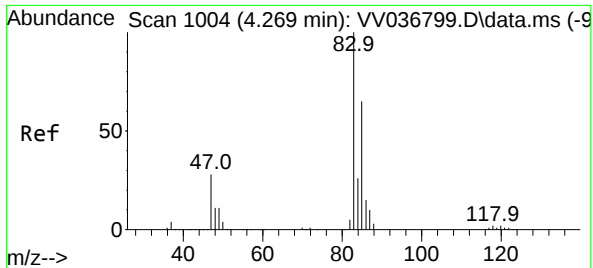
Tgt Ion: 43 Resp: 216812
Ion Ratio Lower Upper
43 100
72 16.8 12.5 37.5



#23
Bromochloromethane
Concen: 51.681 ug/L
RT: 4.130 min Scan# 961
Delta R.T. -0.006 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion:128 Resp: 82958
Ion Ratio Lower Upper
128 100
49 167.0 120.0 223.0
130 127.1 87.0 161.6
51 53.6 43.1 64.7

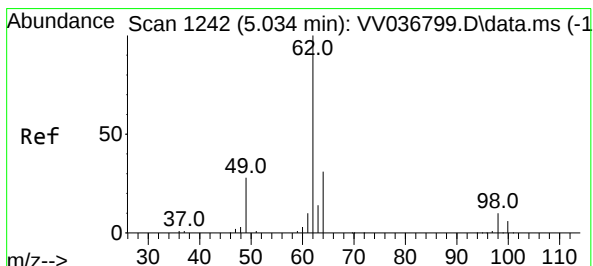
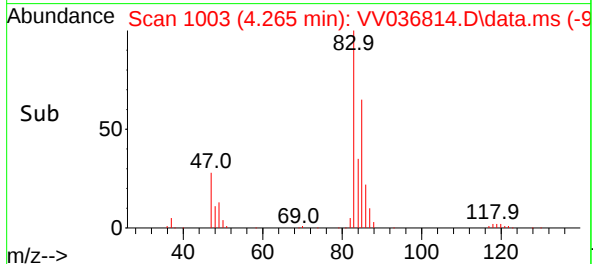
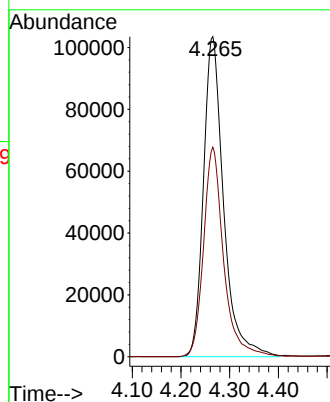
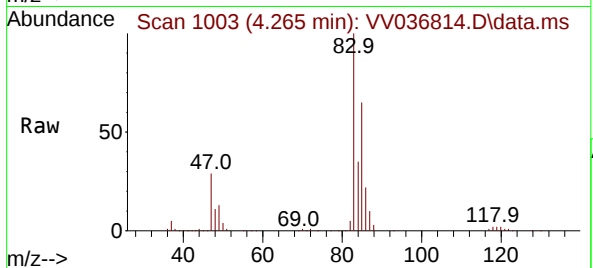




#25
Chloroform
Concen: 50.861 ug/L
RT: 4.265 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

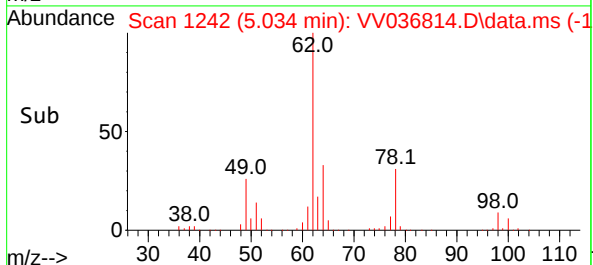
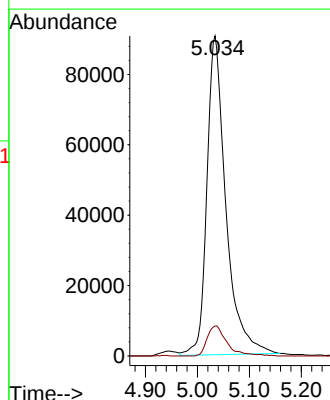
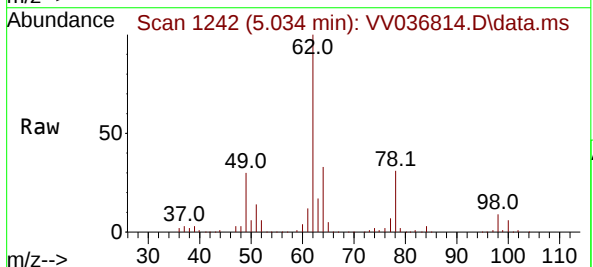
Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

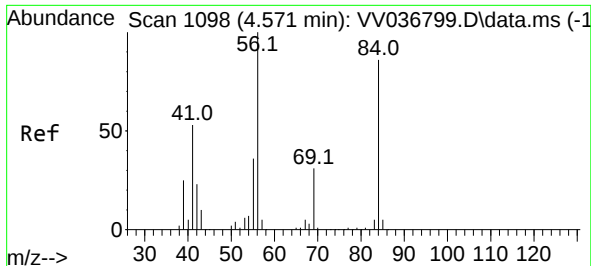
Tgt Ion: 83 Resp: 297138
Ion Ratio Lower Upper
83 100
85 65.4 46.0 85.4



#27
1,2-Dichloroethane
Concen: 49.834 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion: 62 Resp: 229648
Ion Ratio Lower Upper
62 100
98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 51.643 ug/L

RT: 4.555 min Scan# 1093

Delta R.T. -0.016 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

E05Y9MSD

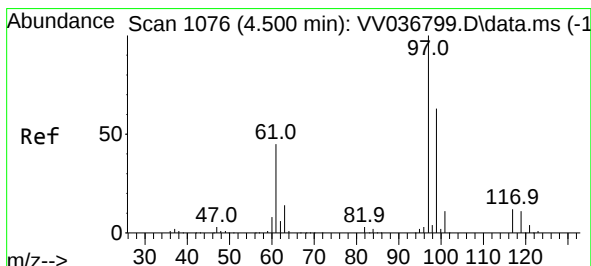
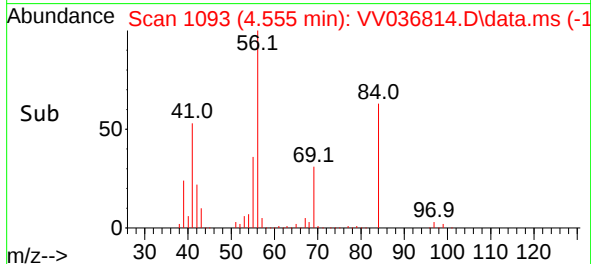
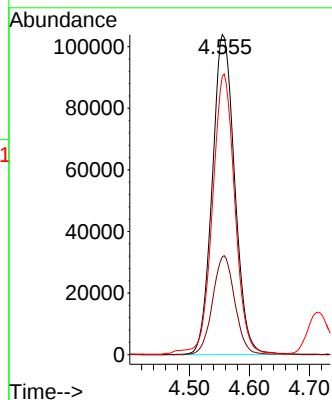
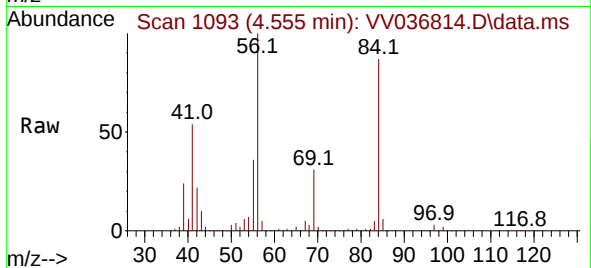
Tgt Ion: 56 Resp: 269652

Ion Ratio Lower Upper

56 100

69 30.6 24.7 37.1

84 87.7 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 48.826 ug/L

RT: 4.494 min Scan# 1074

Delta R.T. -0.006 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

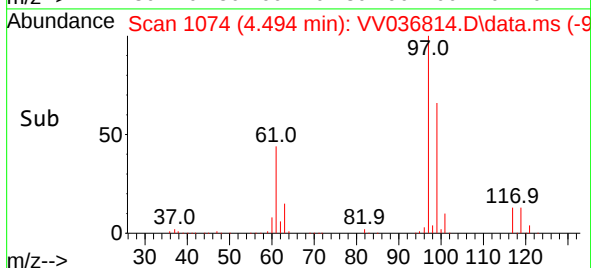
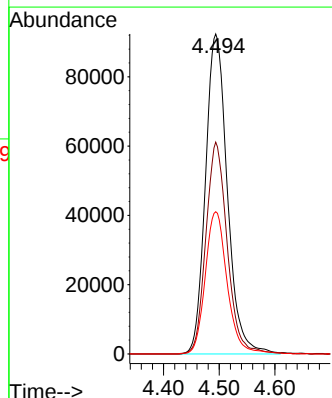
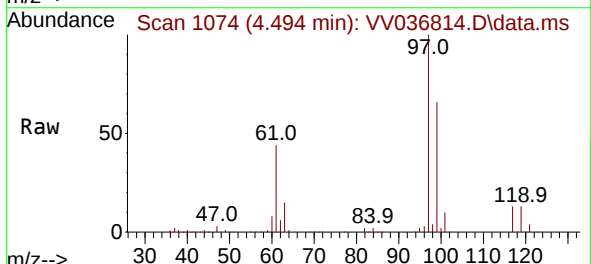
Tgt Ion: 97 Resp: 252089

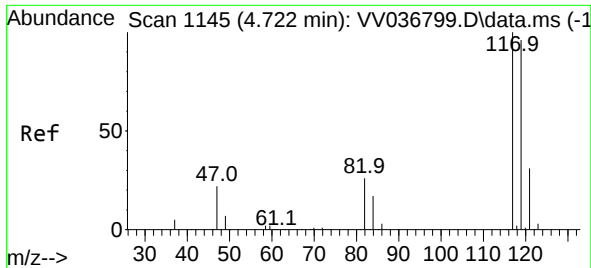
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 44.6 36.0 54.0

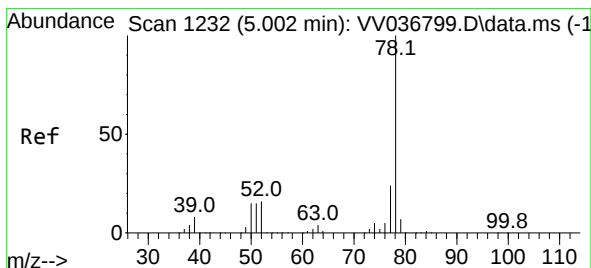
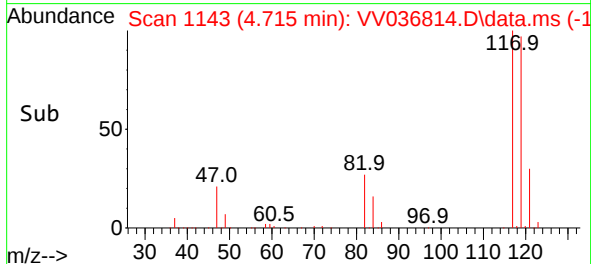
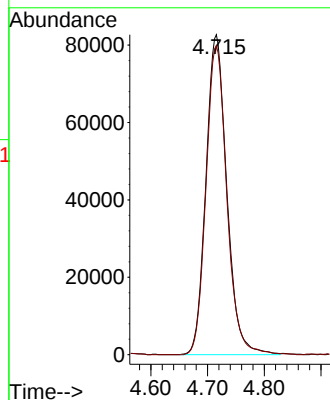
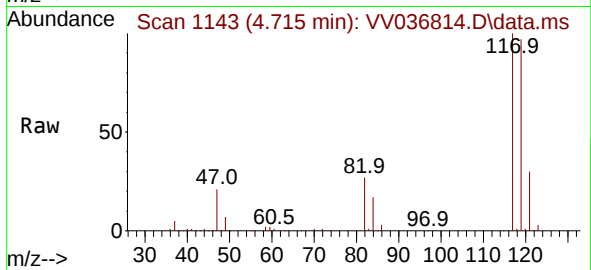




#31
Carbon tetrachloride
Concen: 48.867 ug/L
RT: 4.715 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

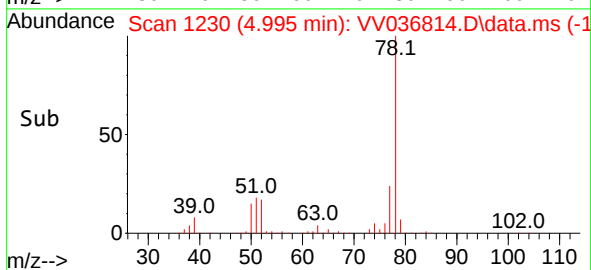
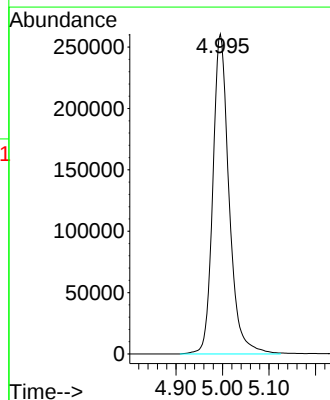
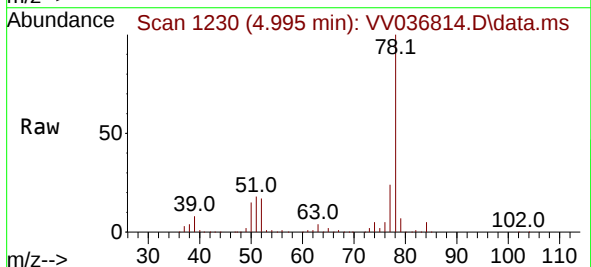
Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

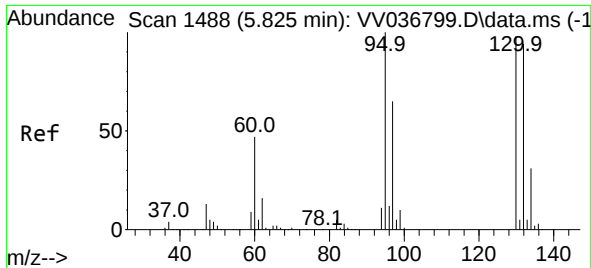
Tgt Ion:117 Resp: 211888
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1



#33
Benzene
Concen: 51.631 ug/L
RT: 4.995 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

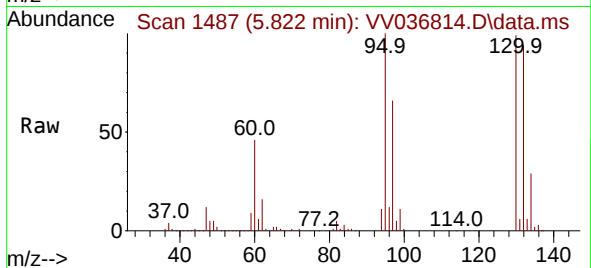
Tgt Ion: 78 Resp: 632859





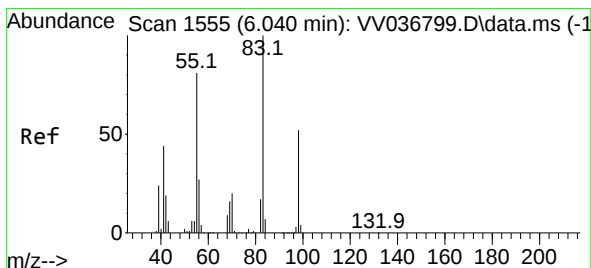
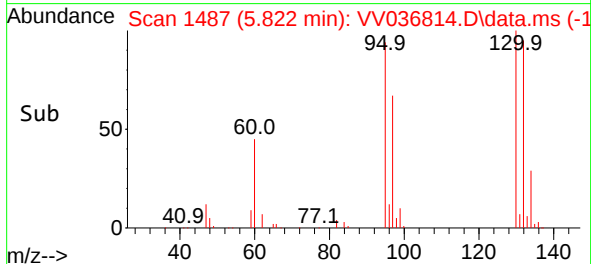
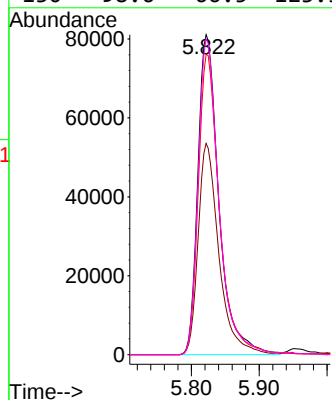
#34
Trichloroethene
Concen: 49.358 ug/L
RT: 5.822 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD



Tgt Ion: 95 Resp: 175338

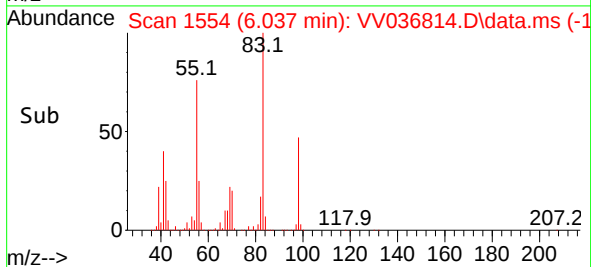
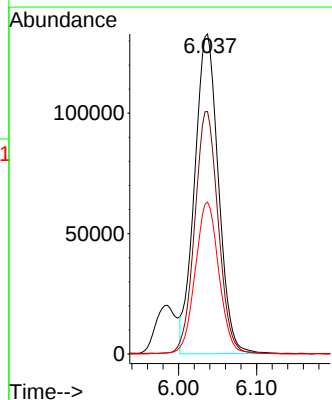
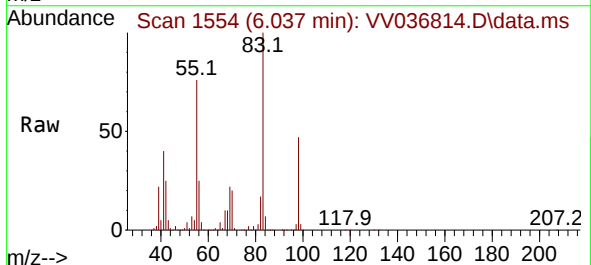
Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.7	82.9
132	94.0	62.9	116.9
130	98.6	66.5	123.5

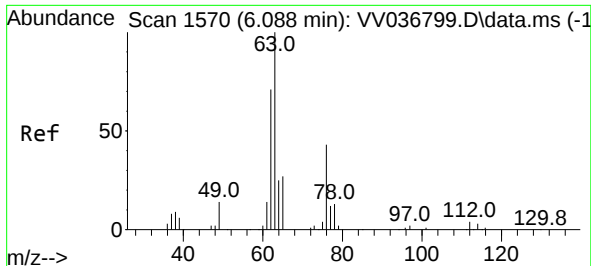


#35
Methylcyclohexane
Concen: 51.764 ug/L
RT: 6.037 min Scan# 1554
Delta R.T. -0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion: 83 Resp: 282171

Ion	Ratio	Lower	Upper
83	100		
55	74.5	62.3	93.5
98	47.5	38.7	58.1





#37

1,2-Dichloropropane

Concen: 51.126 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

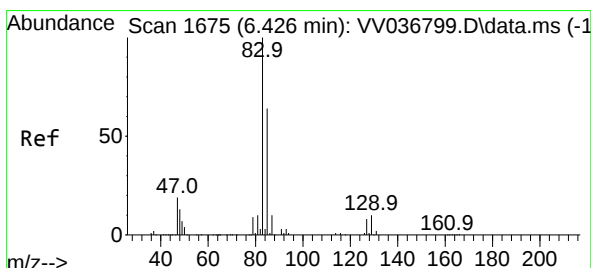
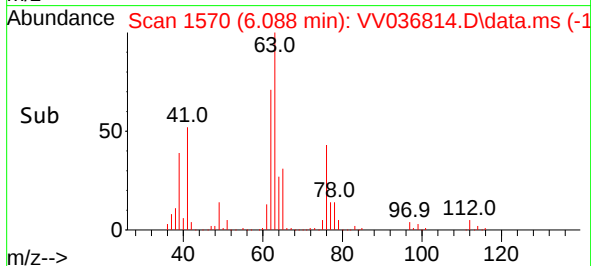
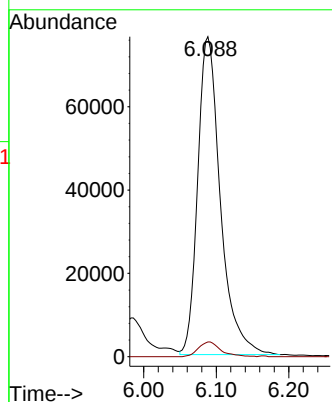
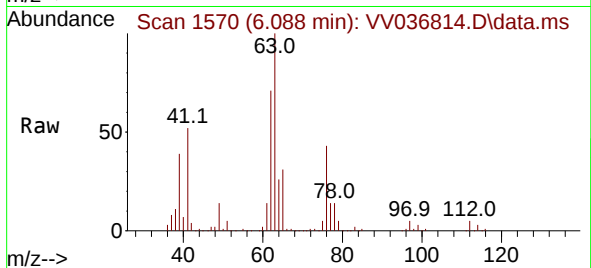
E05Y9MSD

Tgt Ion: 63 Resp: 166011

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 49.282 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

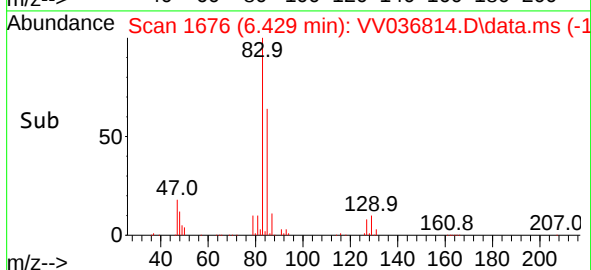
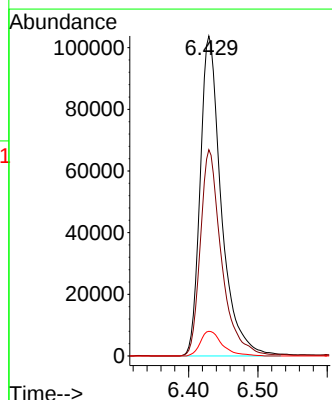
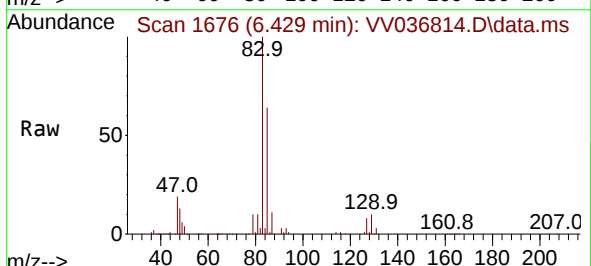
Tgt Ion: 83 Resp: 220364

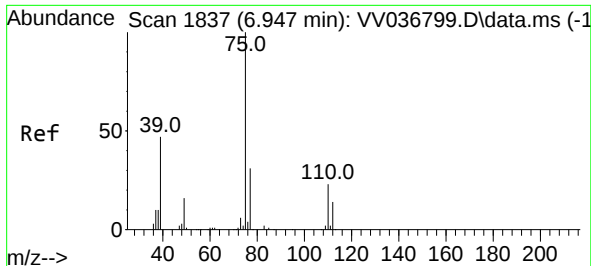
Ion Ratio Lower Upper

83 100

85 64.4 44.7 83.1

127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 48.936 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

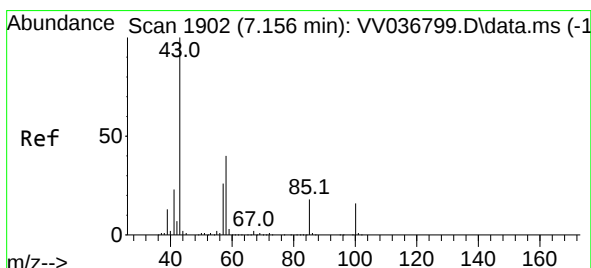
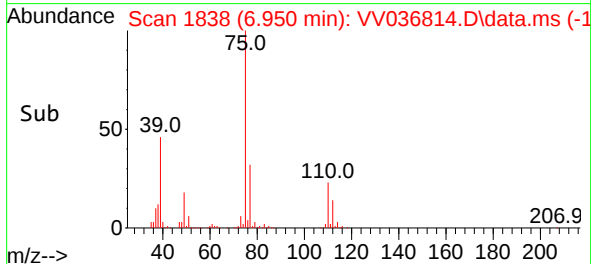
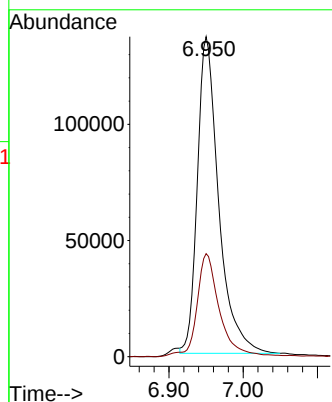
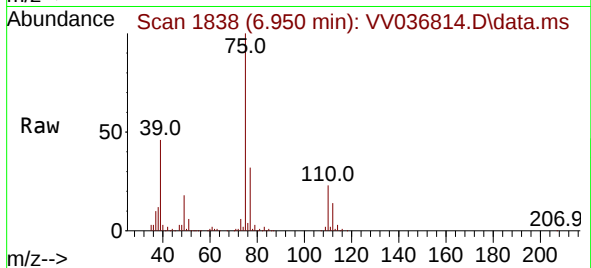
E05Y9MSD

Tgt Ion: 75 Resp: 272133

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 109.865 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.013 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

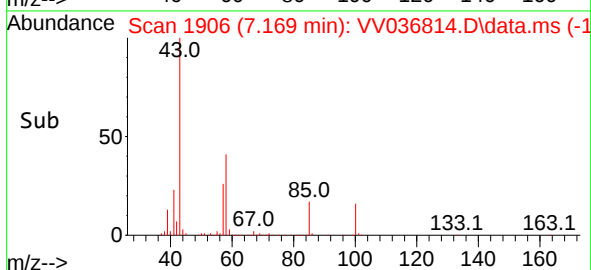
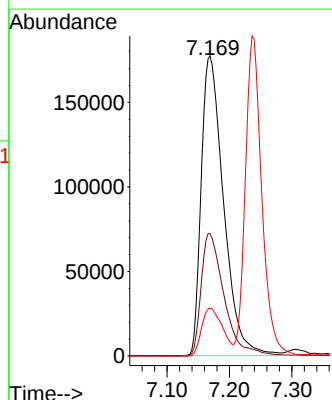
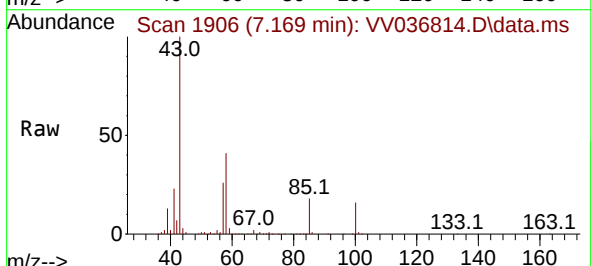
Tgt Ion: 43 Resp: 441916

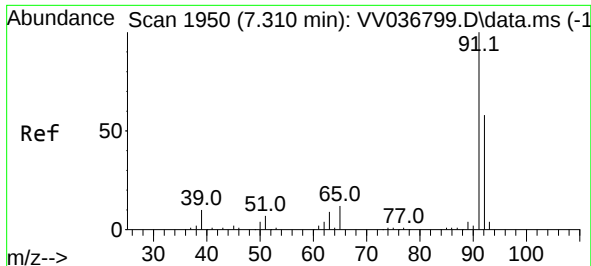
Ion Ratio Lower Upper

43 100

58 41.9 31.3 46.9

100 14.8 12.6 18.8





#42

Toluene

Concen: 51.569 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

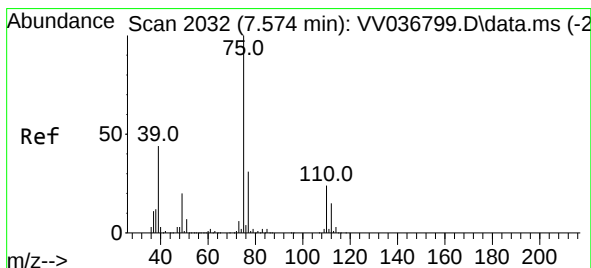
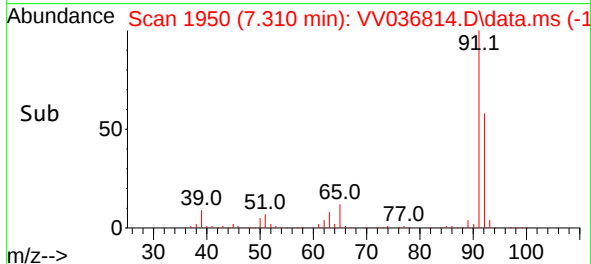
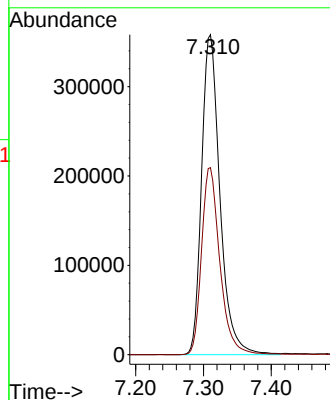
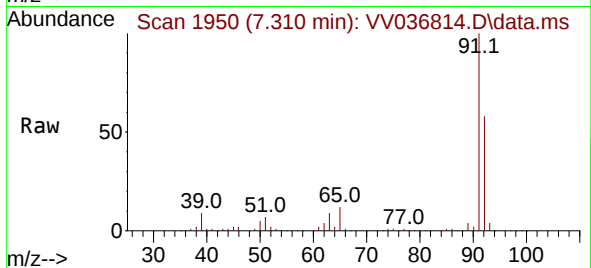
E05Y9MSD

Tgt Ion: 91 Resp: 673267

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.887 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.006 min

Lab File: VV036814.D

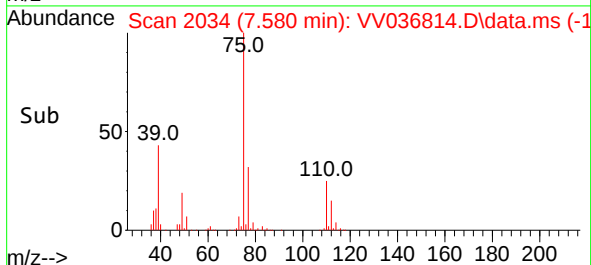
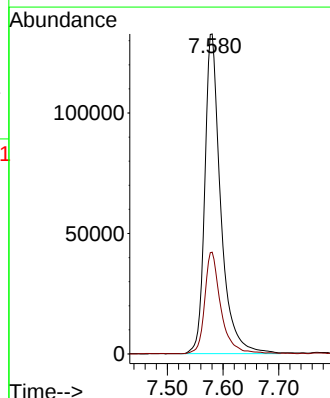
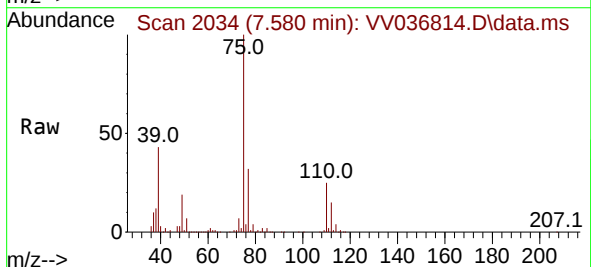
Acq: 06 Aug 2024 15:42

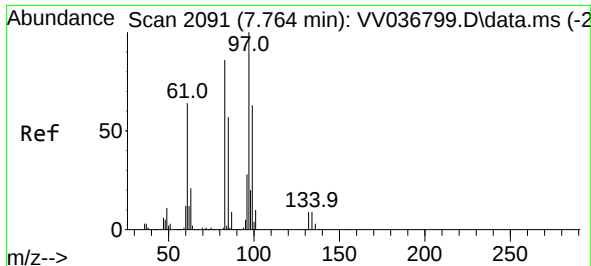
Tgt Ion: 75 Resp: 263698

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6



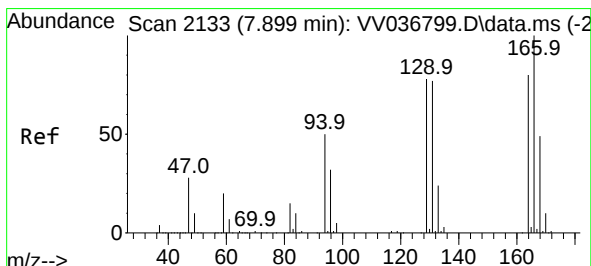
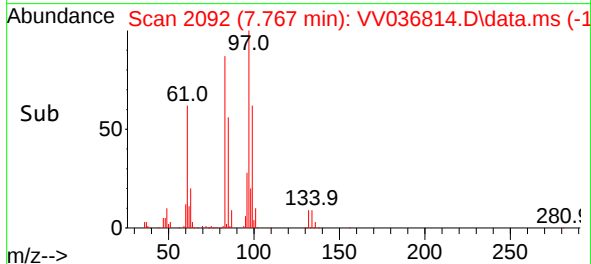
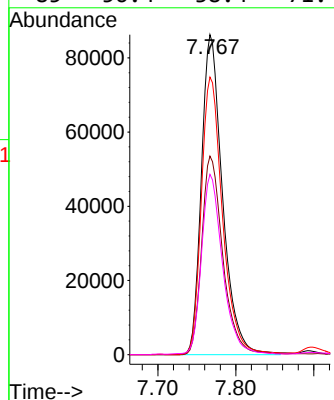
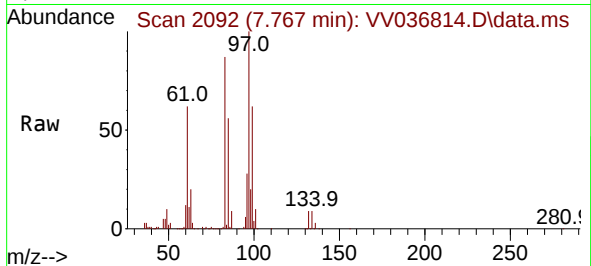


#45
1,1,2-Trichloroethane
Concen: 51.625 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

Tgt Ion: 97 Resp: 162337

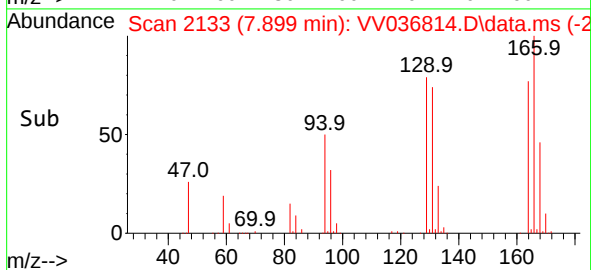
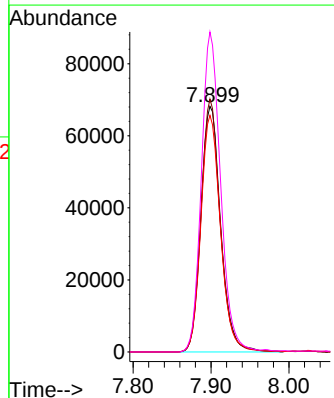
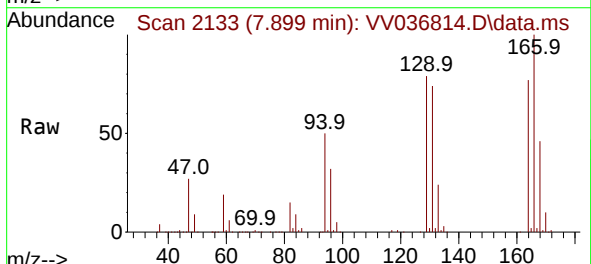
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.0	81.6
83	86.8	60.1	111.5
85	56.4	38.4	71.4

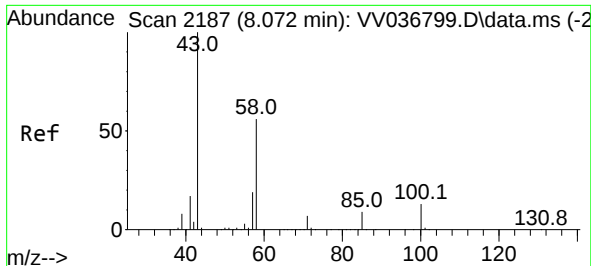


#46
Tetrachloroethene
Concen: 51.644 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion: 164 Resp: 120336

Ion	Ratio	Lower	Upper
164	100		
129	103.0	70.4	130.8
131	96.4	67.7	125.7
166	130.3	88.4	164.2

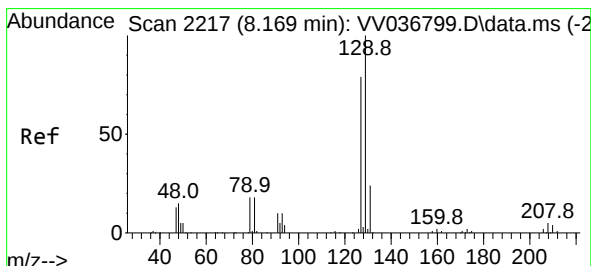
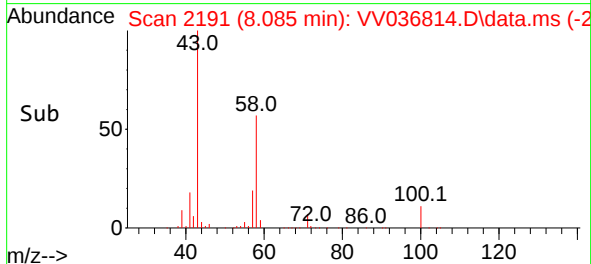
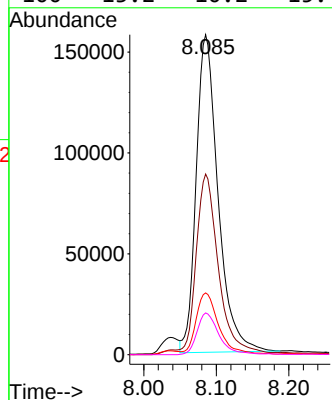
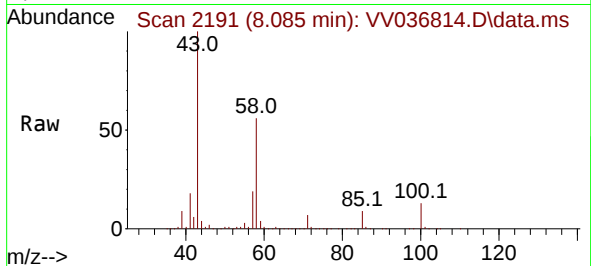




#48
2-Hexanone
Concen: 111.644 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

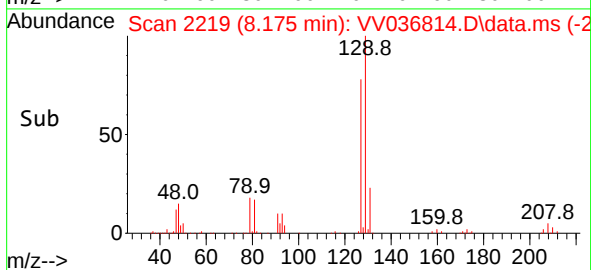
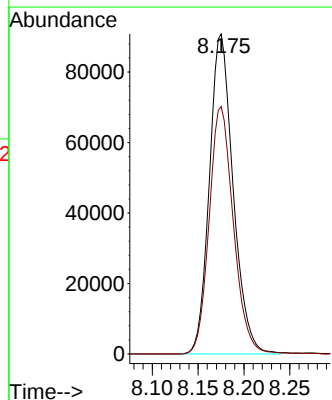
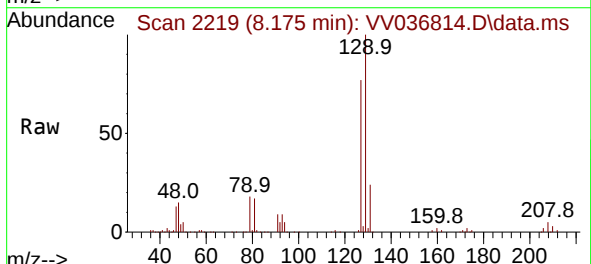
Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

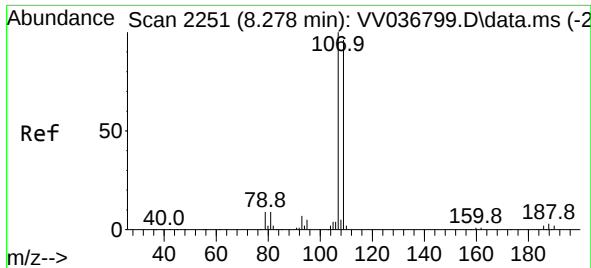
Tgt Ion: 43 Resp: 330370
Ion Ratio Lower Upper
43 100
58 56.4 44.7 67.1
57 19.2 15.0 22.4
100 13.2 10.2 15.4



#49
Dibromochloromethane
Concen: 50.602 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.006 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion: 129 Resp: 163516
Ion Ratio Lower Upper
129 100
127 77.3 55.4 102.8

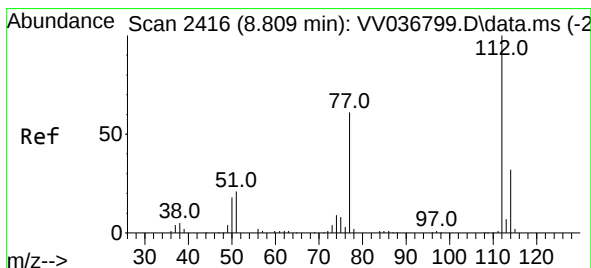
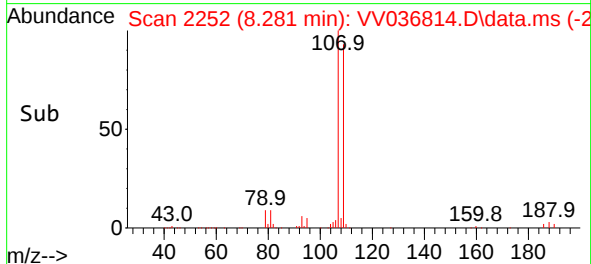
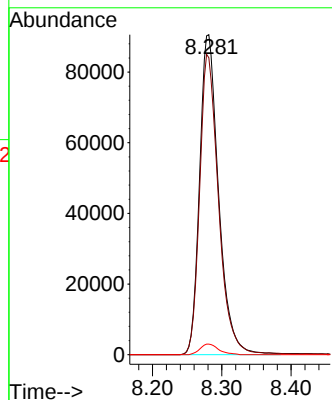
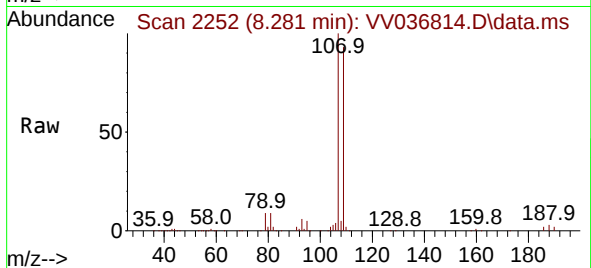




#50
1,2-Dibromoethane
Concen: 53.056 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

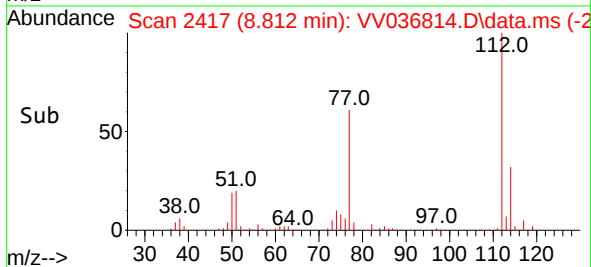
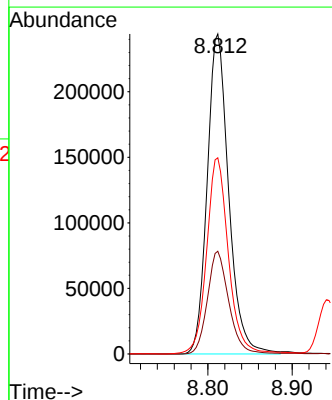
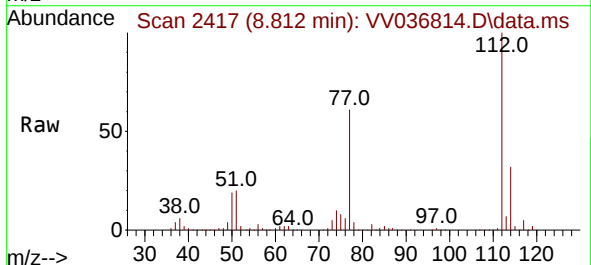
Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

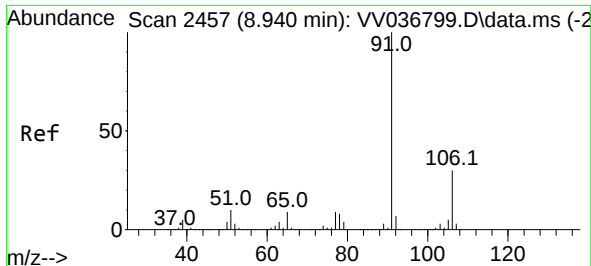
Tgt Ion:107 Resp: 173100
Ion Ratio Lower Upper
107 100
109 92.8 64.7 120.1
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 51.676 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion:112 Resp: 432889
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 61.3 48.9 73.3





#52

Ethylbenzene

Concen: 51.703 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

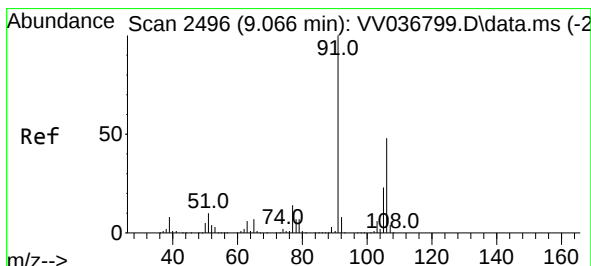
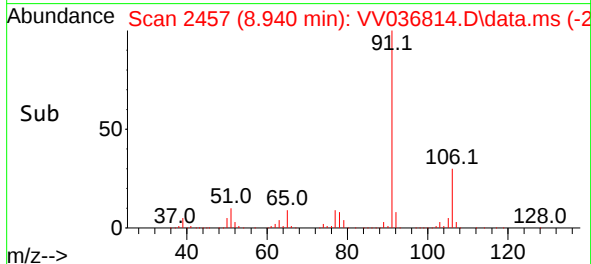
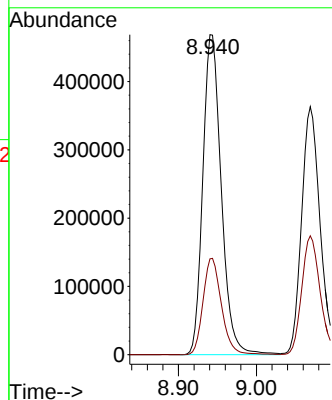
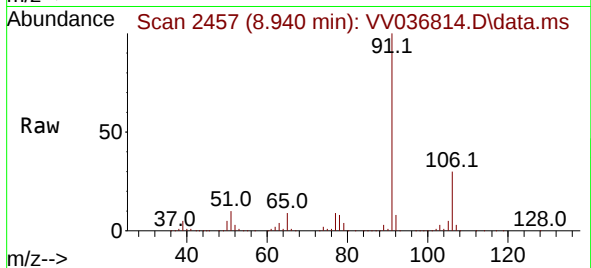
E05Y9MSD

Tgt Ion: 91 Resp: 770744

Ion Ratio Lower Upper

91 100

106 29.9 21.1 39.1



#53

m,p-Xylene

Concen: 52.086 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036814.D

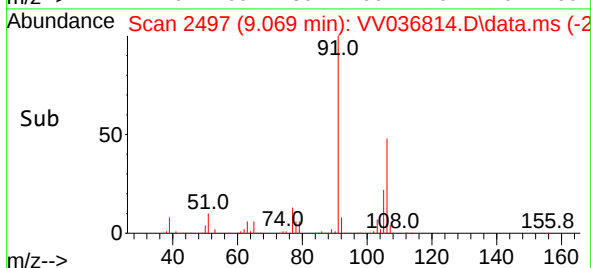
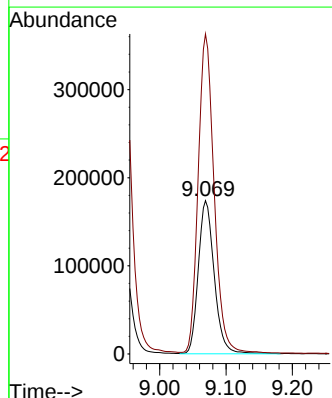
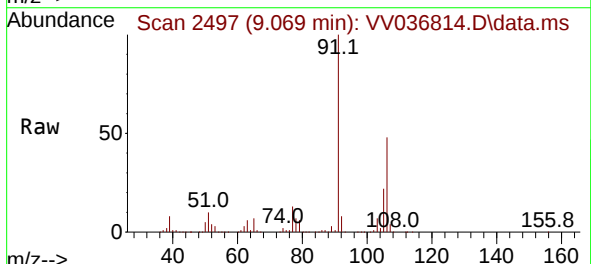
Acq: 06 Aug 2024 15:42

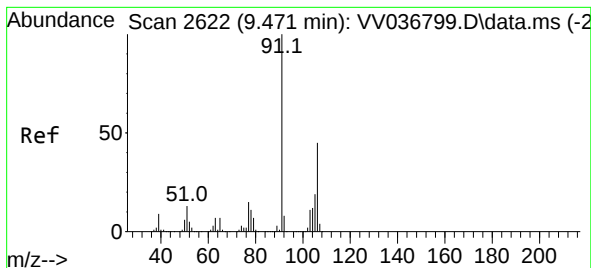
Tgt Ion: 106 Resp: 290235

Ion Ratio Lower Upper

106 100

91 208.7 147.1 273.3





#54

o-Xylene

Concen: 52.603 ug/L

RT: 9.474 min Scan# 2622

Delta R.T. 0.003 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

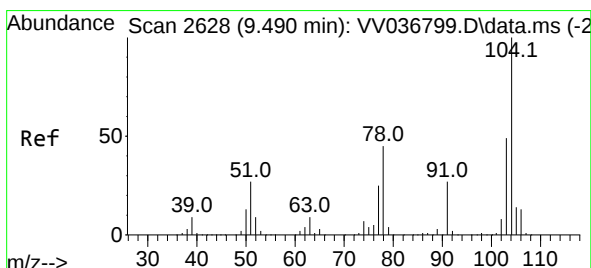
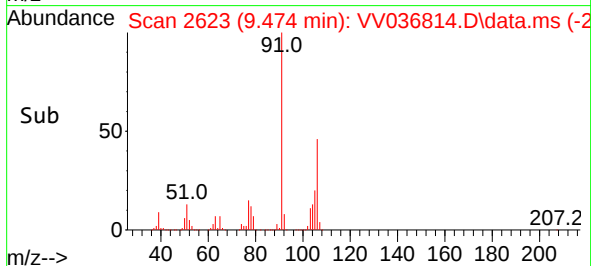
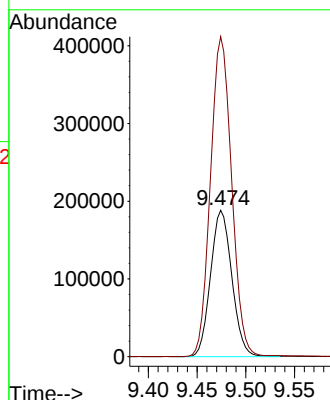
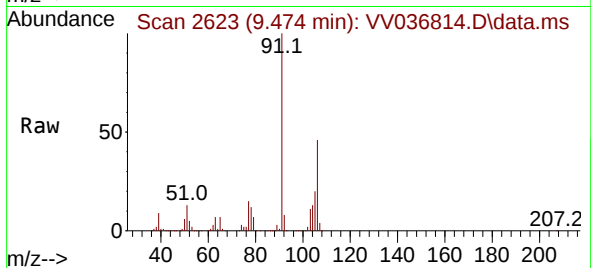
E05Y9MSD

Tgt Ion:106 Resp: 286684

Ion Ratio Lower Upper

106 100

91 218.6 154.5 286.9



#55

Styrene

Concen: 53.079 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.003 min

Lab File: VV036814.D

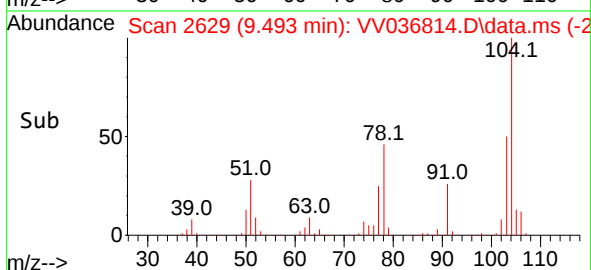
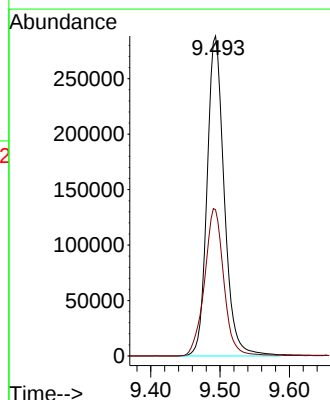
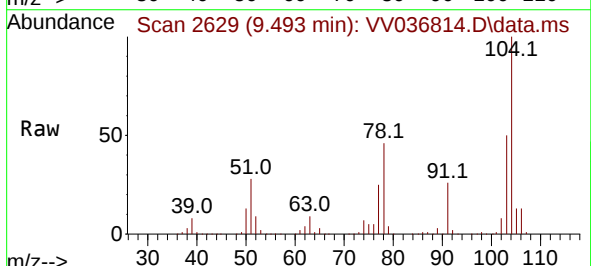
Acq: 06 Aug 2024 15:42

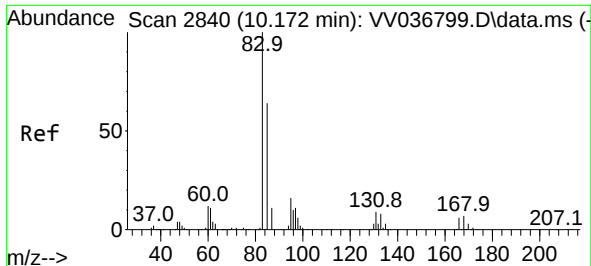
Tgt Ion:104 Resp: 495740

Ion Ratio Lower Upper

104 100

78 45.7 32.1 59.7

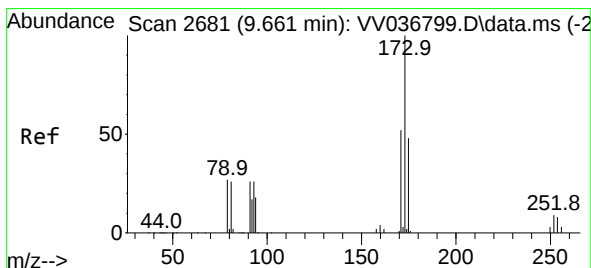
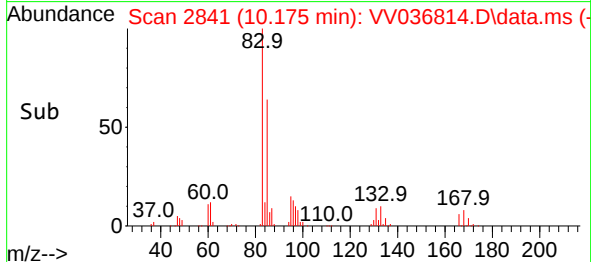
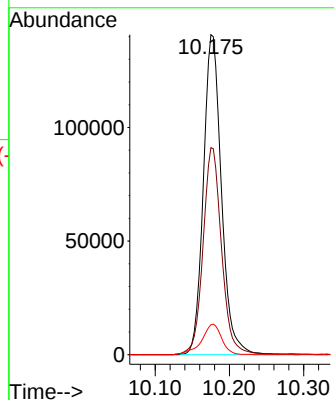
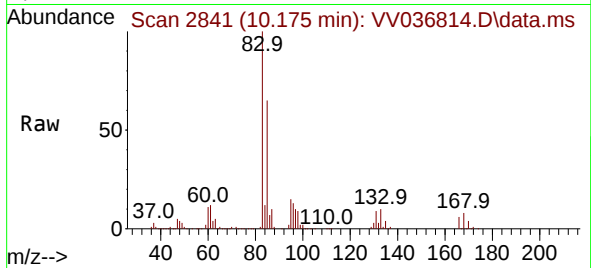




#57
1,1,2,2-Tetrachloroethane
Concen: 56.073 ug/L
RT: 10.175 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

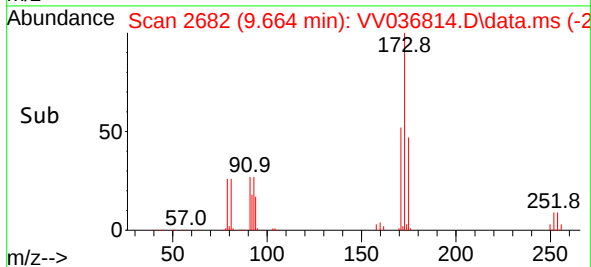
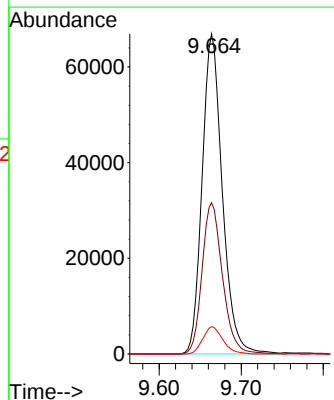
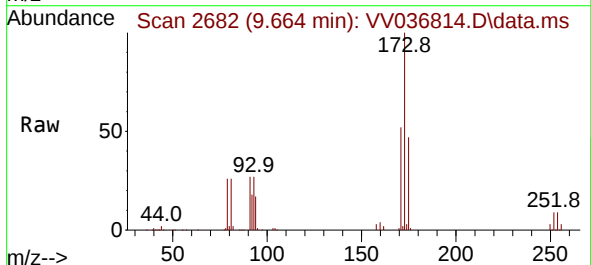
Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

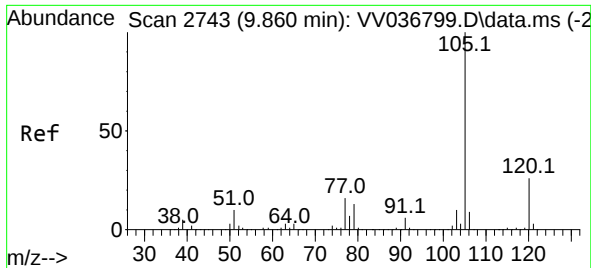
Tgt Ion:	83	Resp:	237919
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.7	83.1
131	9.3	7.2	10.8



#59
Bromoform
Concen: 47.876 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion:	173	Resp:	114383
Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.8	59.8
254	8.4	6.8	10.2

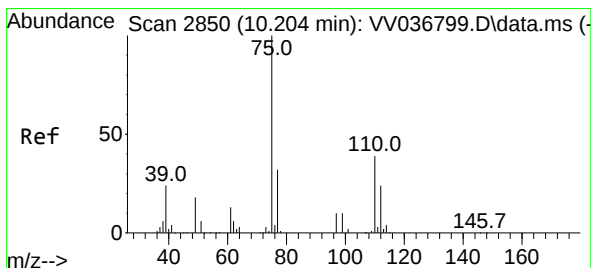
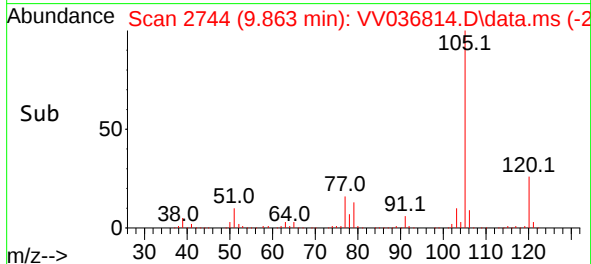
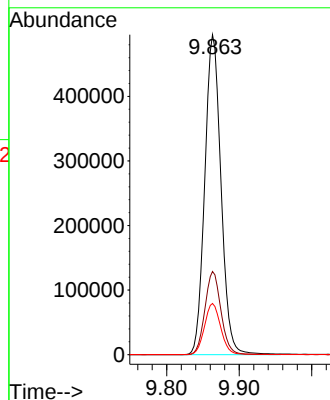
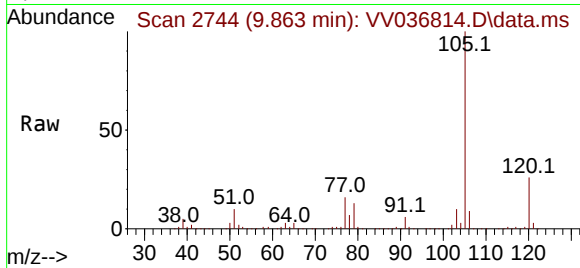




#60
Isopropylbenzene
Concen: 48.989 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

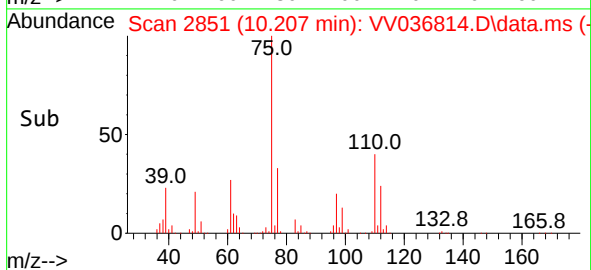
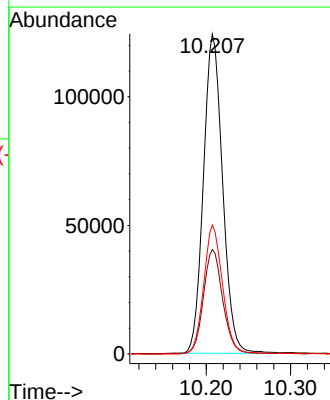
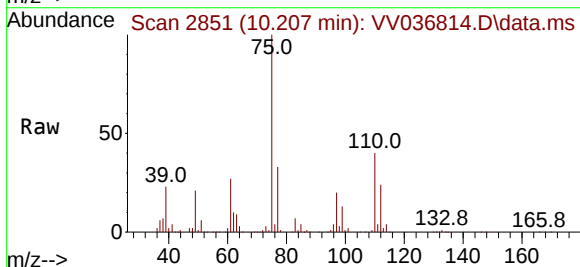
Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

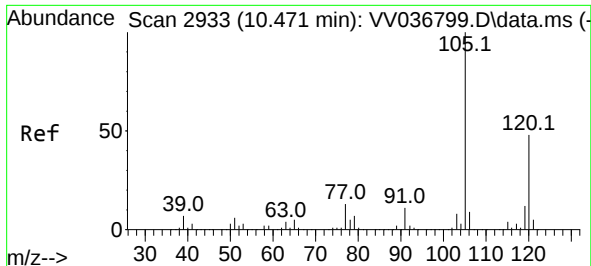
Tgt Ion:105 Resp: 770233
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 15.9 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 50.583 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion: 75 Resp: 196647
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 39.6 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 49.622 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

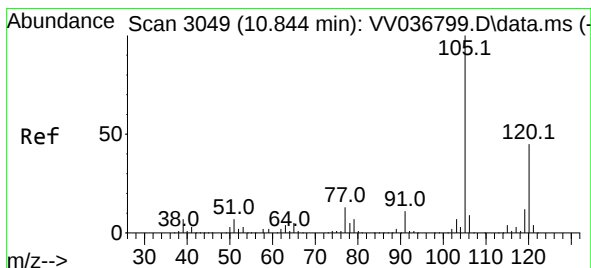
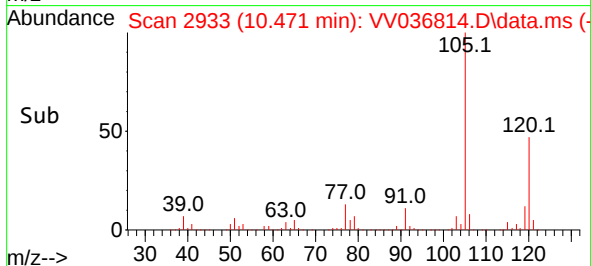
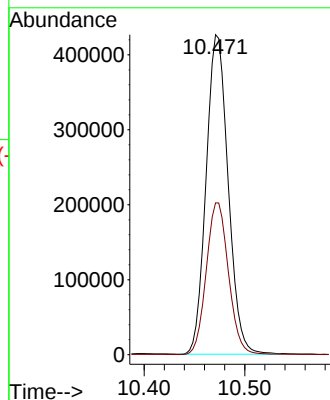
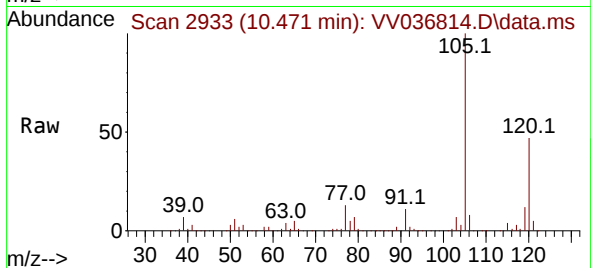
E05Y9MSD

Tgt Ion:105 Resp: 649530

Ion Ratio Lower Upper

105 100

120 47.8 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 50.279 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV036814.D

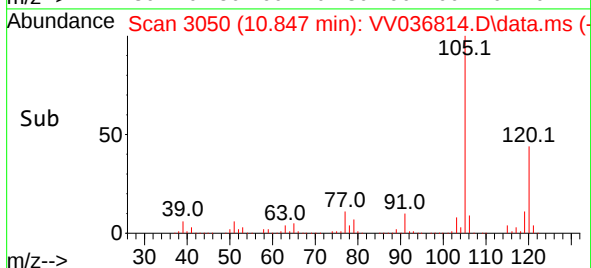
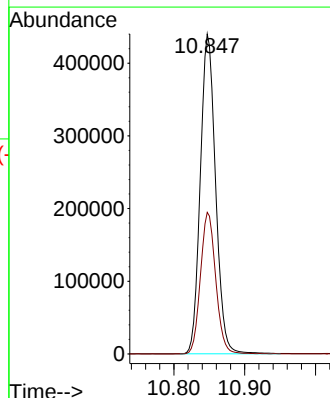
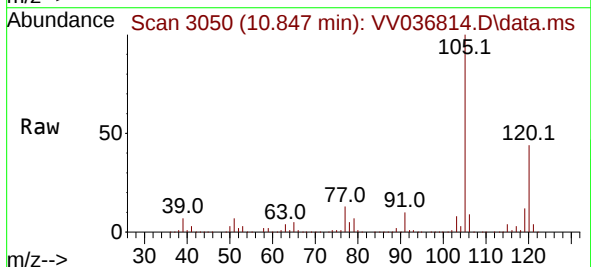
Acq: 06 Aug 2024 15:42

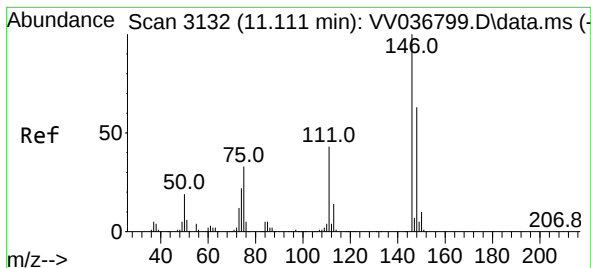
Tgt Ion:105 Resp: 658818

Ion Ratio Lower Upper

105 100

120 44.0 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 51.111 ug/L

RT: 11.114 min Scan# 3132

Delta R.T. 0.003 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

E05Y9MSD

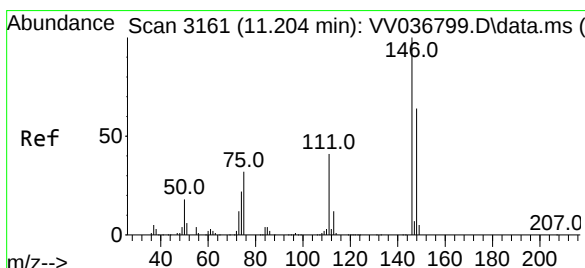
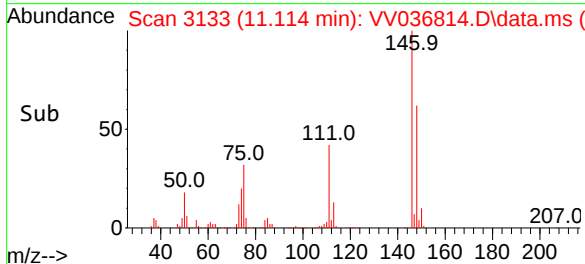
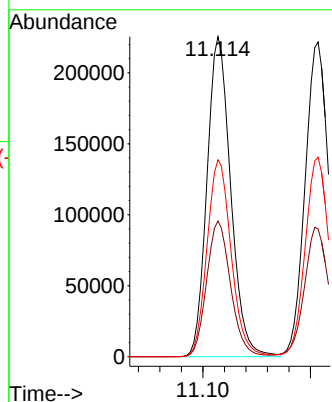
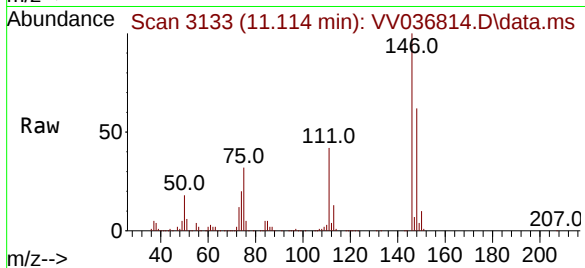
Tgt Ion:146 Resp: 345563

Ion Ratio Lower Upper

146 100

111 42.4 29.8 55.4

148 61.5 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 51.314 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036814.D

Acq: 06 Aug 2024 15:42

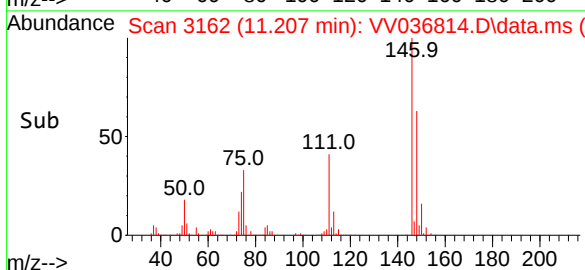
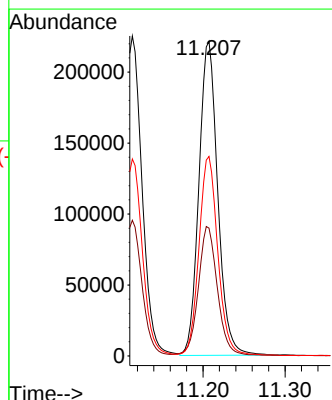
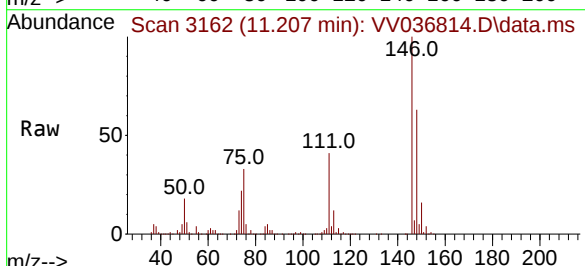
Tgt Ion:146 Resp: 352801

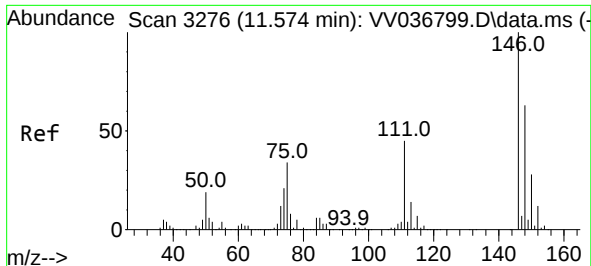
Ion Ratio Lower Upper

146 100

111 40.7 29.0 53.9

148 63.4 43.8 81.4

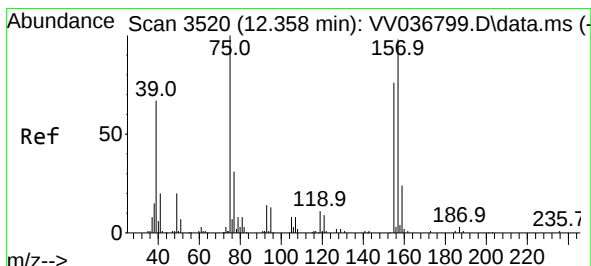
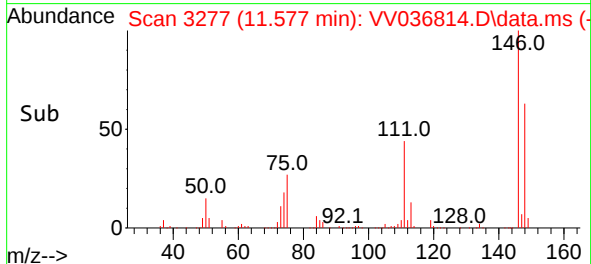
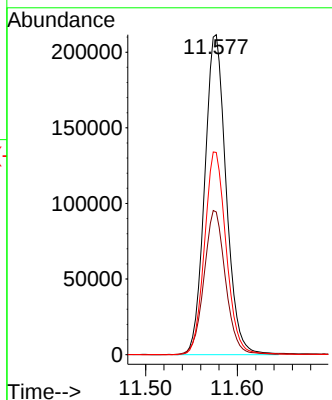
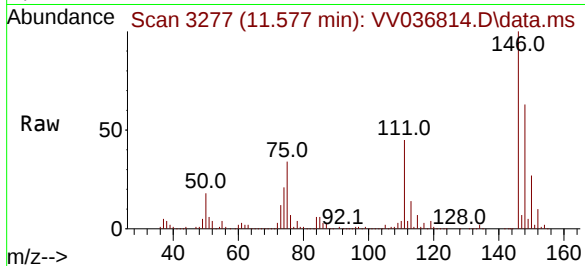




#67
1,2-Dichlorobenzene
Concen: 52.101 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

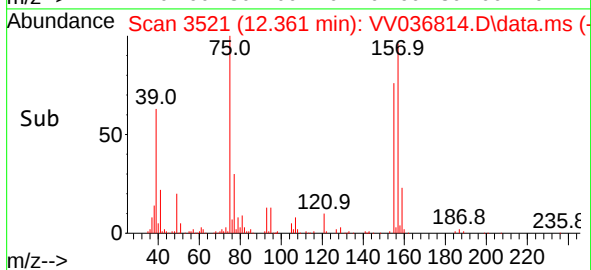
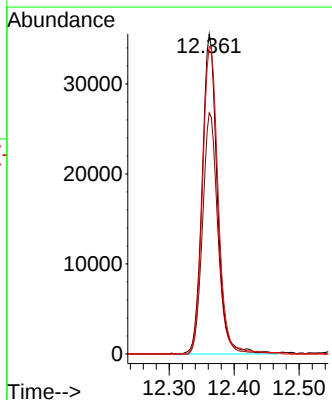
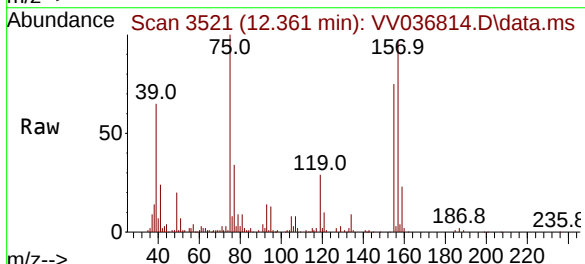
Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

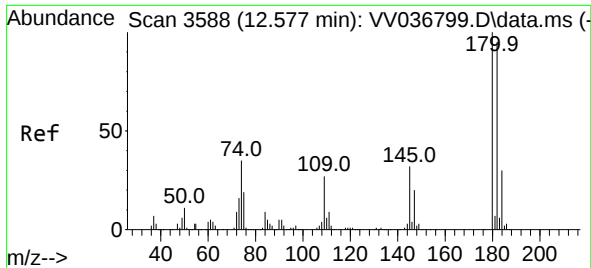
Tgt Ion:146 Resp: 344033
Ion Ratio Lower Upper
146 100
111 44.6 35.7 53.5
148 63.2 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 51.416 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion: 75 Resp: 57763
Ion Ratio Lower Upper
75 100
155 75.3 59.5 89.3
157 96.0 81.0 121.4

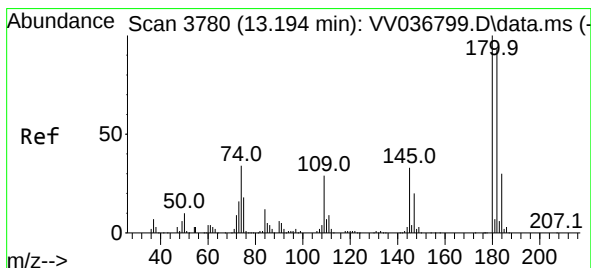
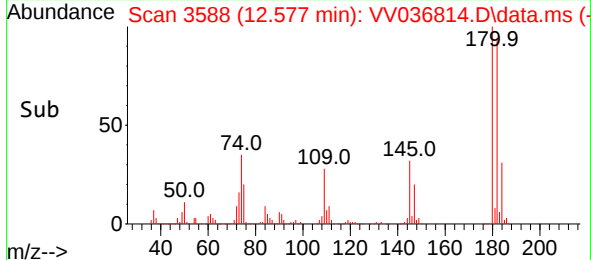
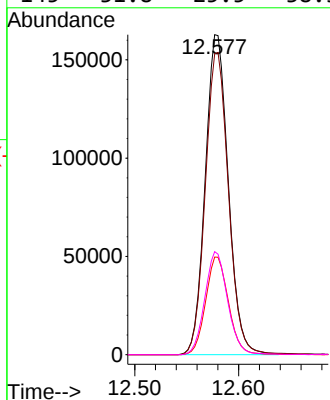
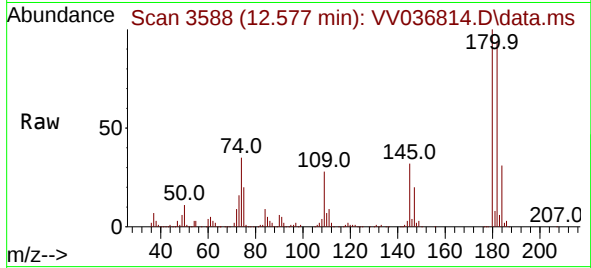




#69
 1,3,5-Trichlorobenzene
 Concen: 52.348 ug/L
 RT: 12.577 min Scan# 3588
 Delta R.T. -0.000 min
 Lab File: VV036814.D
 Acq: 06 Aug 2024 15:42

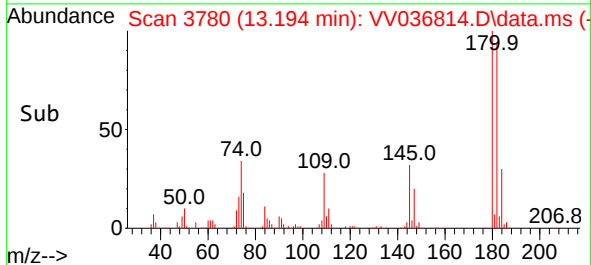
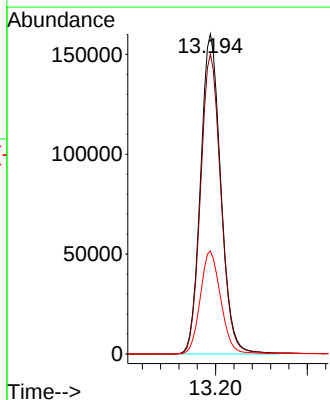
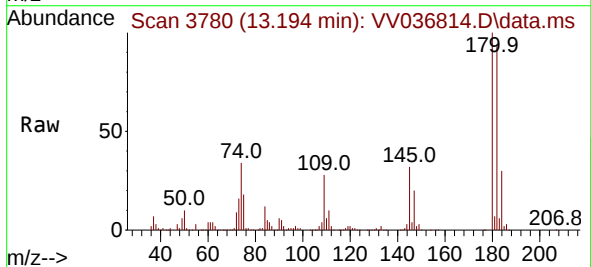
Instrument :
 MSVOA_V
 ClientSampleId :
 E05Y9MSD

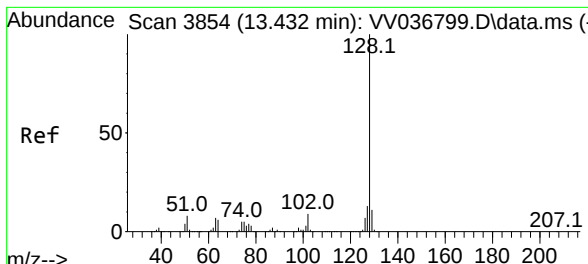
Tgt Ion:180	Resp:	251169
Ion Ratio	Lower	Upper
180	100	
182	95.1	75.0 112.6
184	30.2	23.7 35.5
145	31.8	25.5 38.3



#70
 1,2,4-trichlorobenzene
 Concen: 53.338 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. -0.000 min
 Lab File: VV036814.D
 Acq: 06 Aug 2024 15:42

Tgt Ion:180	Resp:	245448
Ion Ratio	Lower	Upper
180	100	
182	94.0	75.1 112.7
145	32.5	26.5 39.7

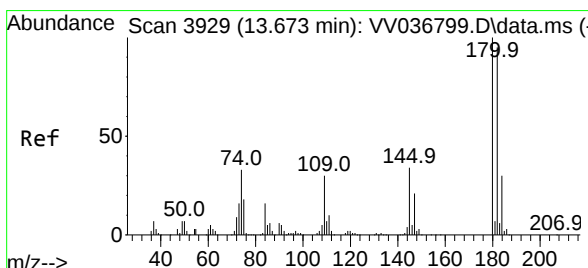
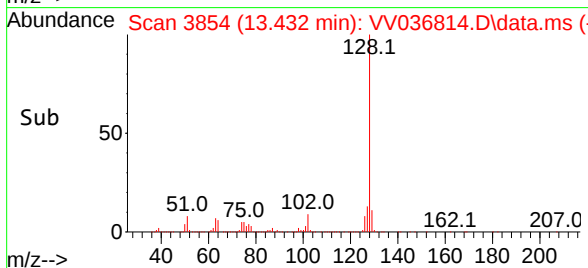
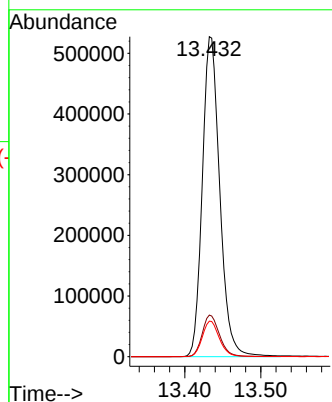
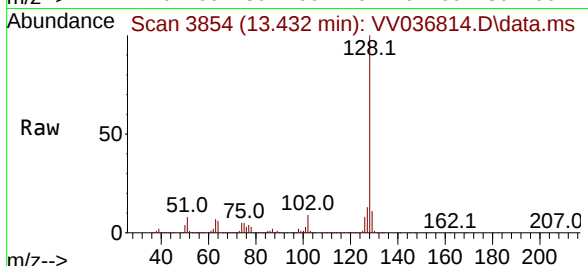




#71
Naphthalene
Concen: 57.035 ug/L
RT: 13.432 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Instrument :
MSVOA_V
ClientSampleId :
E05Y9MSD

Tgt Ion:	128	Resp:	841645
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.184 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.003 min
Lab File: VV036814.D
Acq: 06 Aug 2024 15:42

Tgt Ion:	180	Resp:	239567
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.2
145	34.6	27.8	41.6

