

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062824\
 Data File : VW036359.D
 Acq On : 28 Jun 2024 19:13
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 23:39:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 23:33:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	274483	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	293594	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	156823	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	117665	25.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.960%	
7) Chloroethane-d5	1.529	69	99632	26.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.040%	
11) 1,1-Dichloroethene-d2	2.053	65	54018	24.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.600%	
21) 2-Butanone-d5	3.838	46	60534	55.952	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 111.900%	
24) Chloroform-d	4.243	84	227357	28.061	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 112.240%	
26) 1,2-Dichloroethane-d4	4.937	65	125919	29.143	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 116.560%	
32) Benzene-d6	4.957	84	428305	25.843	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.360%	
36) 1,2-Dichloropropane-d6	5.986	67	134056	26.891	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 107.560%	
41) Toluene-d8	7.239	98	389017	26.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.120%	
43) trans-1,3-Dichloroprop...	7.551	79	54308	24.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 97.600%	
47) 2-Hexanone-d5	8.030	63	40318	50.667	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.340%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	109519	26.801	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.200%	
66) 1,2-Dichlorobenzene-d4	11.558	152	142583	24.950	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 99.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	114864	22.025	ug/L	99
3) Chloromethane	1.211	50	119054	25.220	ug/L	99
5) Vinyl chloride	1.278	62	128521	23.577	ug/L	99
6) Bromomethane	1.484	94	93617	25.535	ug/L	100
8) Chloroethane	1.545	64	83591	24.881	ug/L	97
9) Trichlorofluoromethane	1.709	101	175826	22.585	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	110557	22.640	ug/L	98
12) 1,1-Dichloroethene	2.063	96	106660	24.670	ug/L	94
13) Acetone	2.384	43	48945	33.486	ug/L	100
14) Carbon disulfide	2.233	76	322426	23.637	ug/L	99
15) Methyl Acetate	2.384	43	51068	27.151	ug/L	99
16) Methylene chloride	2.442	84	138806	25.687	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	102567	23.893	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	254667	25.485	ug/L	99
19) 1,1-Dichloroethane	3.105	63	193790	25.390	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	106083	24.570	ug/L	98
22) 2-Butanone	3.834	43	1207	0.979	ug/L	78
23) Bromochloromethane	4.143	128	60243	26.759	ug/L	98
25) Chloroform	4.272	83	214372	26.333	ug/L	100

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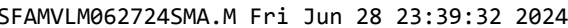
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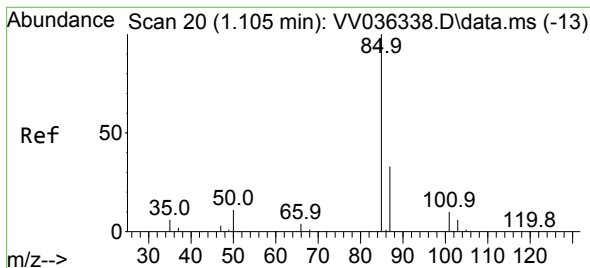
Quant Time: Jun 28 23:39:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 23:33:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	143831	27.286	ug/L	100
29) Cyclohexane	4.577	56	116629	18.646	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	164688	22.623	ug/L	99
31) Carbon tetrachloride	4.728	117	144219	22.235	ug/L	99
33) Benzene	5.005	78	422771	24.312	ug/L	100
34) Trichloroethene	5.831	95	125595	22.888	ug/L	98
35) Methylcyclohexane	6.047	83	146294	19.130	ug/L	99
37) 1,2-Dichloropropane	6.092	63	112604	25.355	ug/L	98
38) Bromodichloromethane	6.429	83	152081	25.037	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	152387	22.314	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	127012	50.710	ug/L	97
42) Toluene	7.313	91	443379	24.385	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	141727	23.074	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	100818	25.683	ug/L	98
46) Tetrachloroethene	7.902	164	85189	21.361	ug/L	99
48) 2-Hexanone	8.079	43	90167	45.767	ug/L	98
49) Dibromochloromethane	8.172	129	111948	25.583	ug/L	99
50) 1,2-Dibromoethane	8.281	107	98431	25.453	ug/L	96
51) Chlorobenzene	8.812	112	297572	23.942	ug/L	97
52) Ethylbenzene	8.944	91	439344	22.390	ug/L	100
53) m,p-Xylene	9.069	106	170963	23.378	ug/L	99
54) o-Xylene	9.477	106	161811	23.529	ug/L	99
55) Styrene	9.493	104	314508	26.094	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	84763	24.127	ug/L	100
59) Bromoform	9.664	173	75084	25.293	ug/L	99
60) Isopropylbenzene	9.866	105	419619	22.135	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	91581	25.877	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	287819	21.215	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	325178	22.057	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	231502	23.436	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	238695	22.543	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	227008	24.072	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	21019	26.473	ug/L	89
69) 1,3,5-Trichlorobenzene	12.580	180	150076	20.177	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	125283	21.122	ug/L	99
71) Naphthalene	13.435	128	258293	24.423	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	136616	24.494	ug/L	99

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

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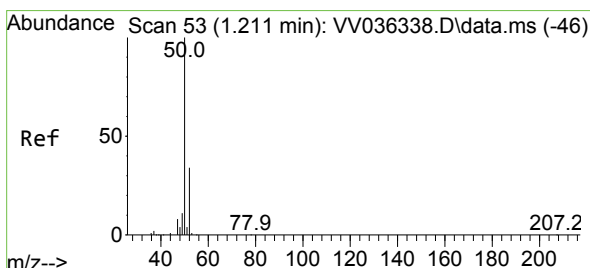
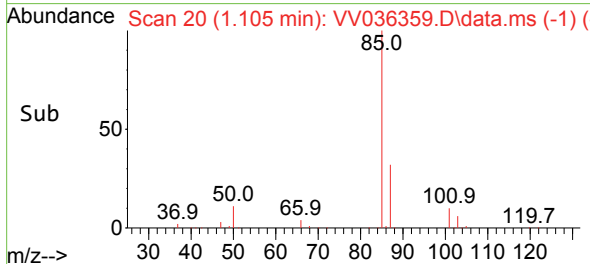
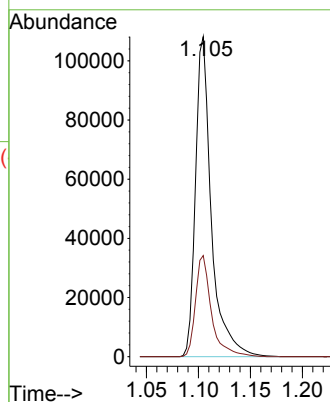
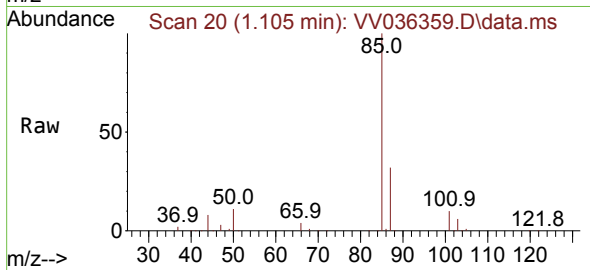




#2
 Dichlorodifluoromethane
 Concen: 22.025 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV036359.D
 Acq: 28 Jun 2024 19:13

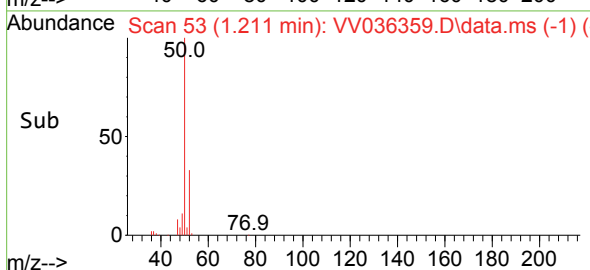
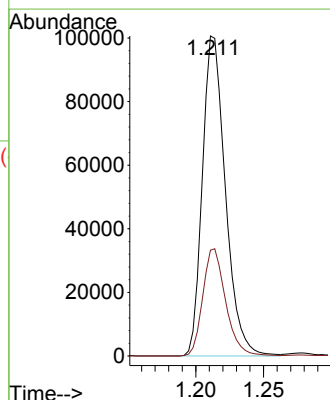
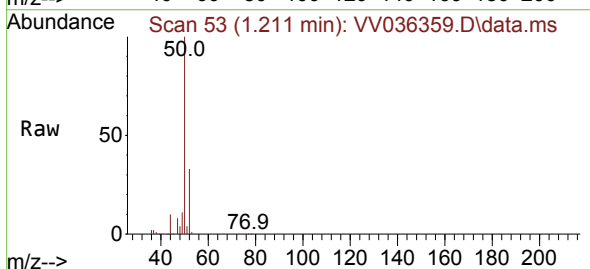
Instrument :
 MSVOA_V
 ClientSampleId :

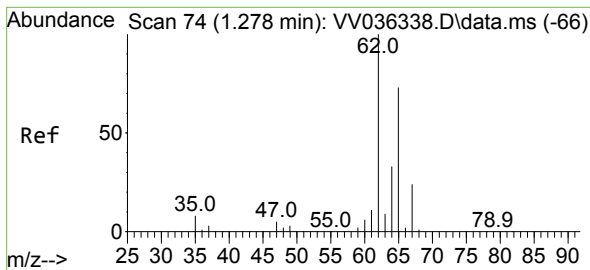
Tgt Ion: 85 Resp: 114864
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.9 38.9



#3
 Chloromethane
 Concen: 25.220 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV036359.D
 Acq: 28 Jun 2024 19:13

Tgt Ion: 50 Resp: 119054
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.5 43.7

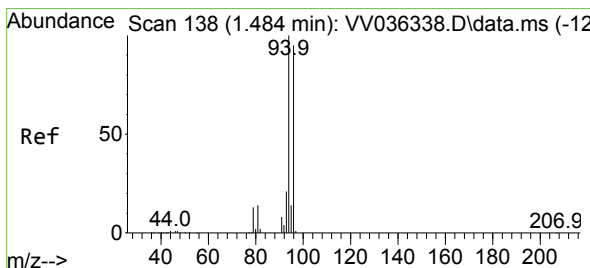
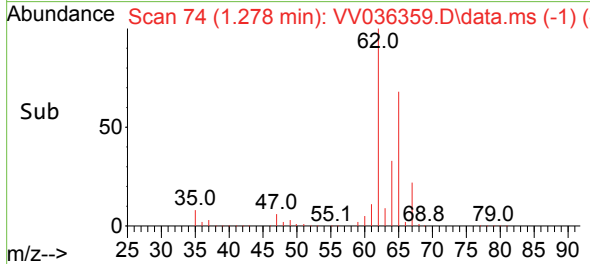
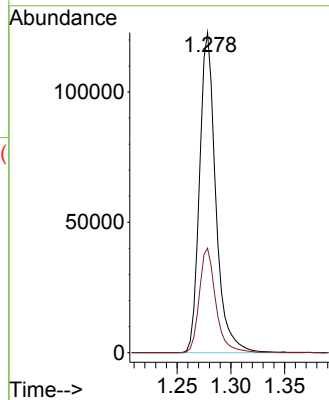
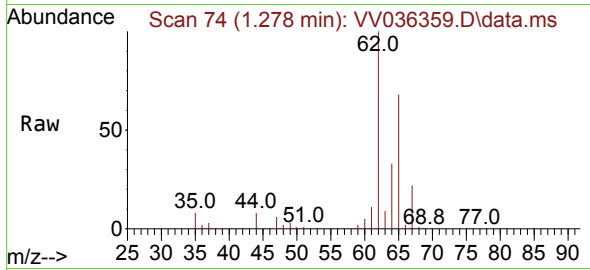




#5
 Vinyl chloride
 Concen: 23.577 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV036359.D
 Acq: 28 Jun 2024 19:13

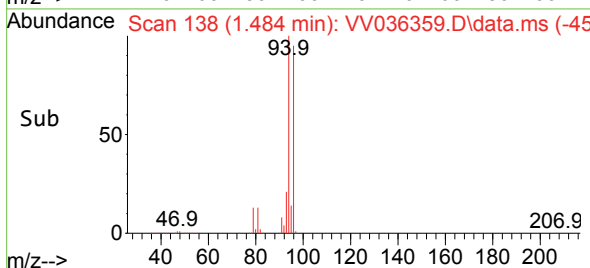
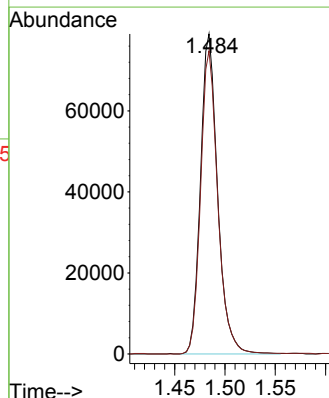
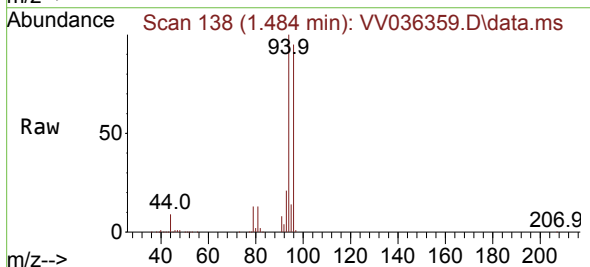
Instrument :
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 ClientSampleId :

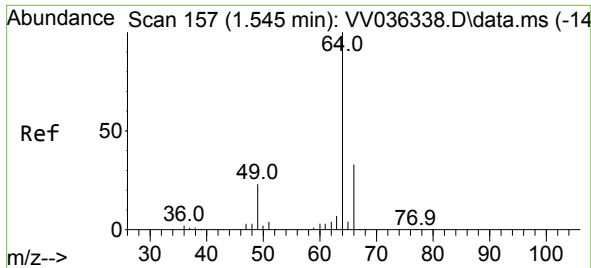
Tgt Ion: 62 Resp: 128521
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 25.535 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV036359.D
 Acq: 28 Jun 2024 19:13

Tgt Ion: 94 Resp: 93617
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.1 122.7

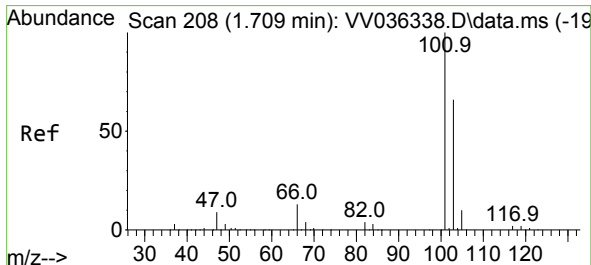
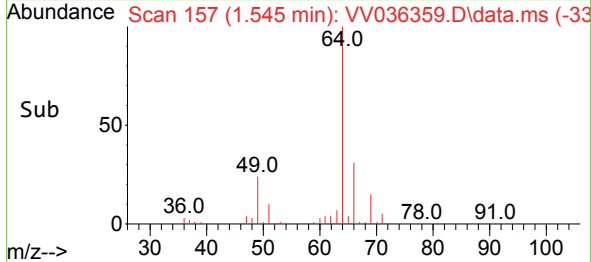
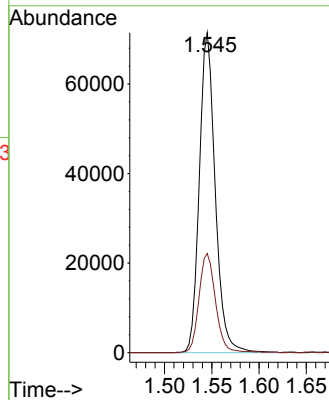
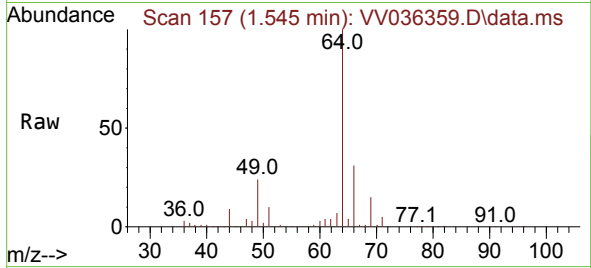




#8
Chloroethane
Concen: 24.881 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

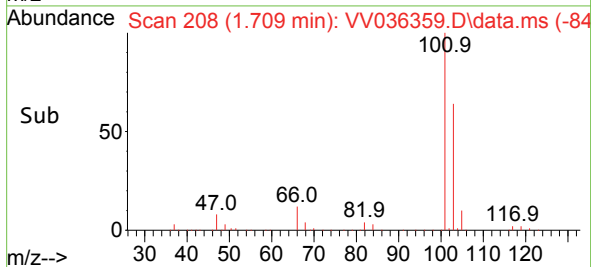
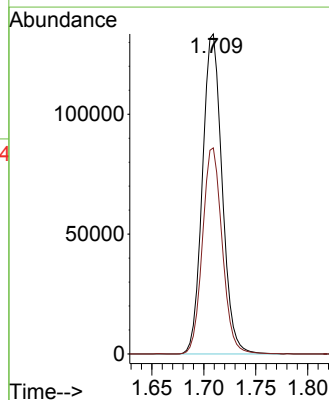
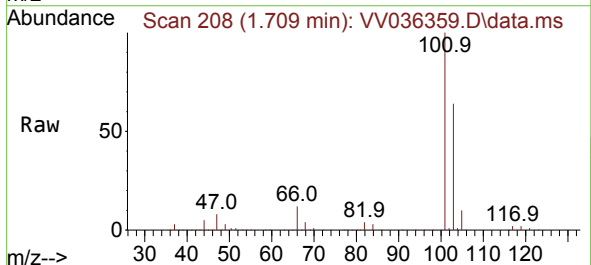
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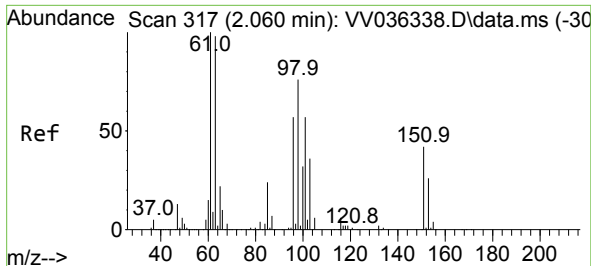
Tgt Ion: 64 Resp: 83591
Ion Ratio Lower Upper
64 100
66 31.0 23.0 42.6



#9
Trichlorofluoromethane
Concen: 22.585 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Tgt Ion:101 Resp: 175826
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

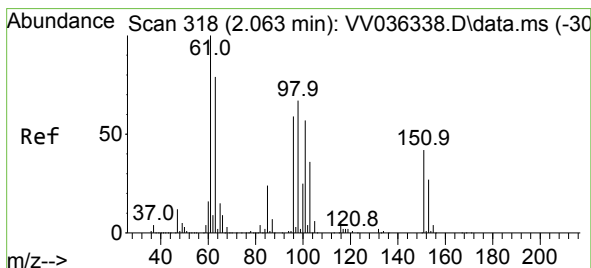
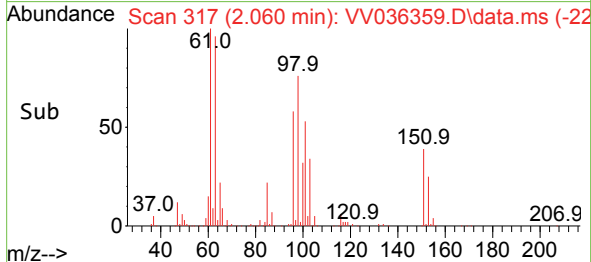
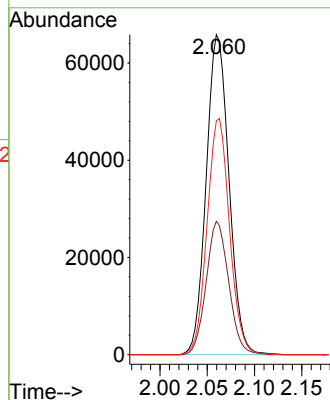
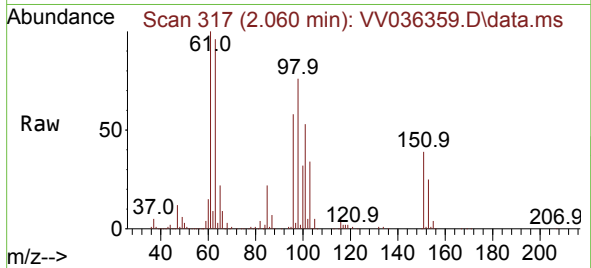




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.640 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

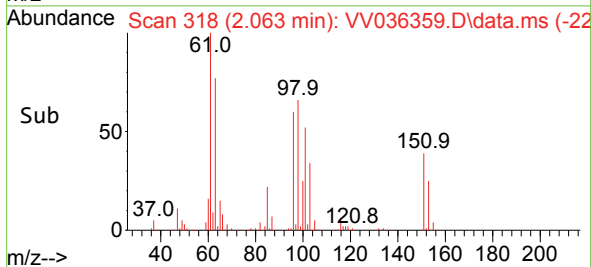
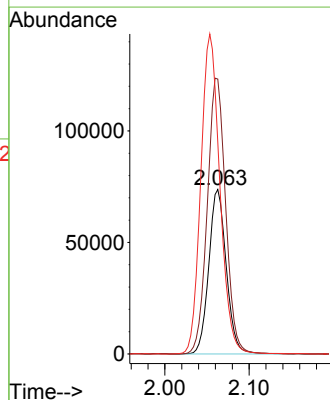
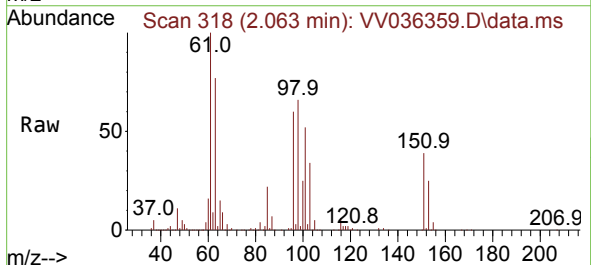
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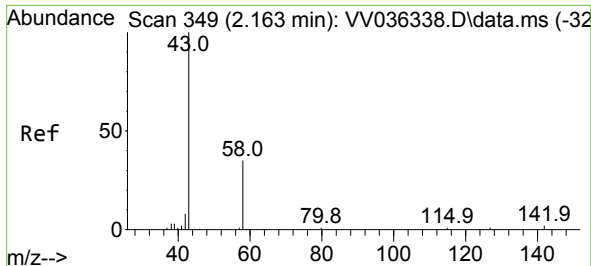
Tgt Ion:101 Resp: 110557
Ion Ratio Lower Upper
101 100
85 41.1 34.6 51.8
151 72.8 58.9 88.3



#12
1,1-Dichloroethene
Concen: 24.670 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Tgt Ion: 96 Resp: 106660
Ion Ratio Lower Upper
96 100
61 167.0 122.6 227.8
63 128.6 96.1 178.5





#13

Acetone

Concen: 33.486 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.222 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

Instrument :

MSVOA_V

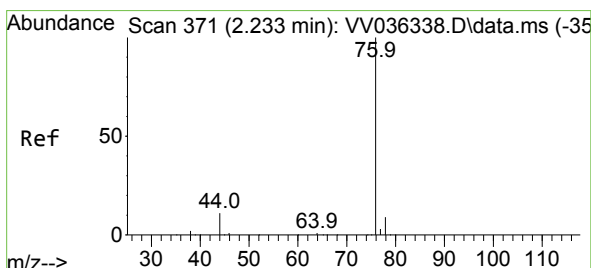
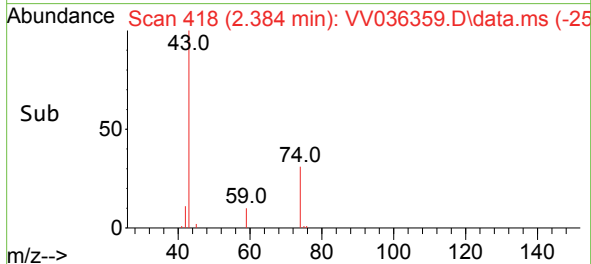
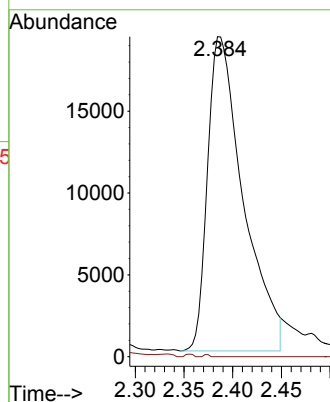
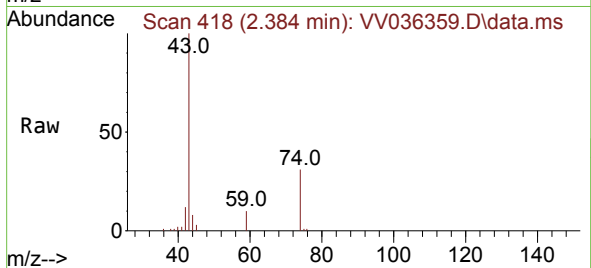
ClientSampleId :

Tgt Ion: 43 Resp: 48945

Ion Ratio Lower Upper

43 100

58 0.1 0.0 0.6



#14

Carbon disulfide

Concen: 23.637 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV036359.D

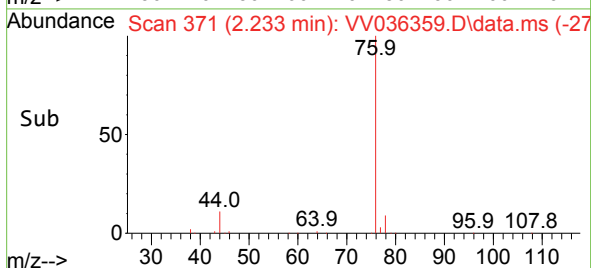
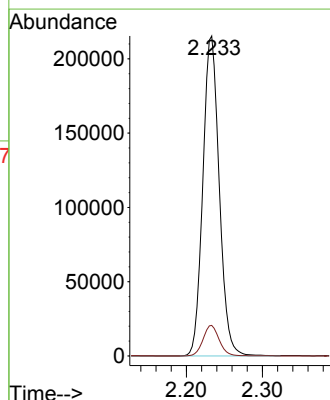
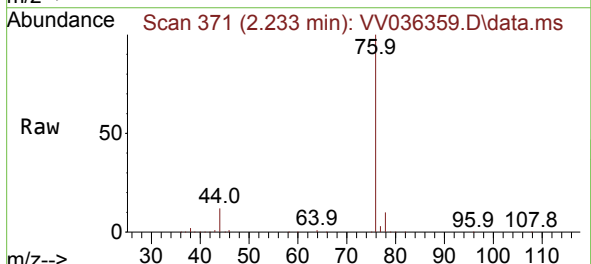
Acq: 28 Jun 2024 19:13

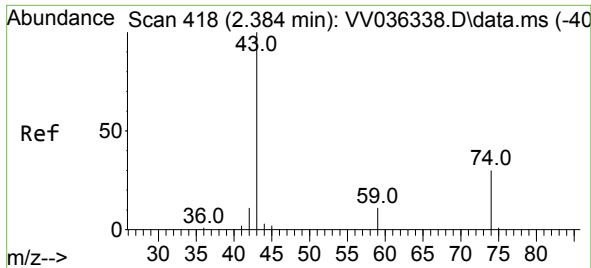
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Ion Ratio Lower Upper

76 100

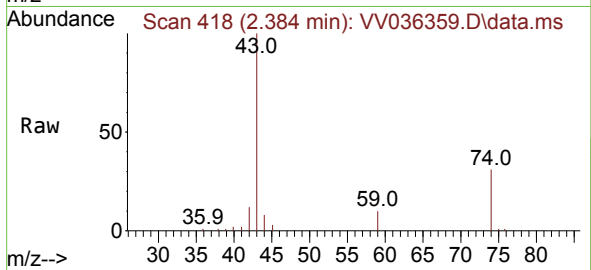
78 9.6 7.4 11.2



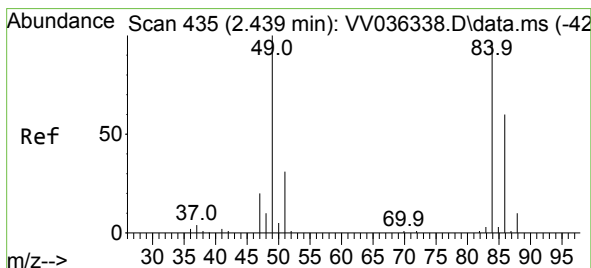
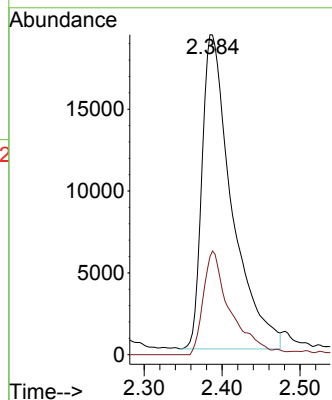
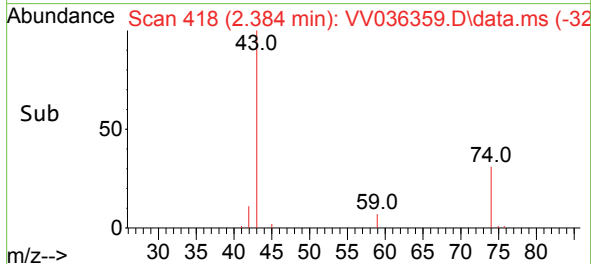


#15
Methyl Acetate
Concen: 27.151 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.000 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Instrument :
MSVOA_V
ClientSampleId :

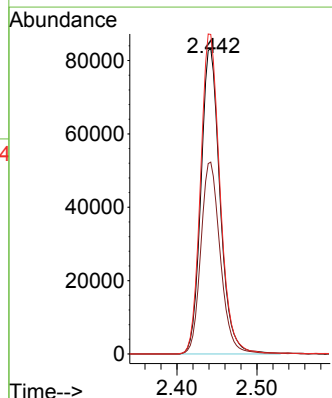
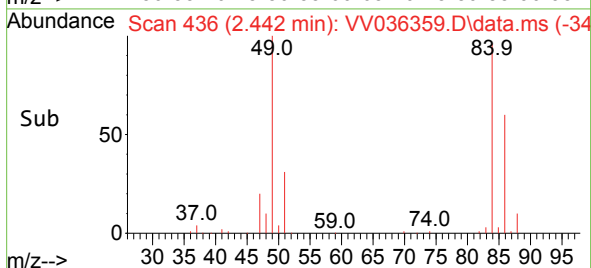
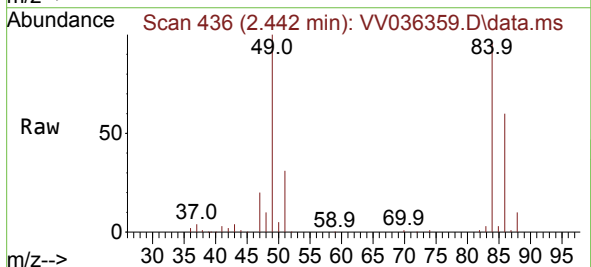


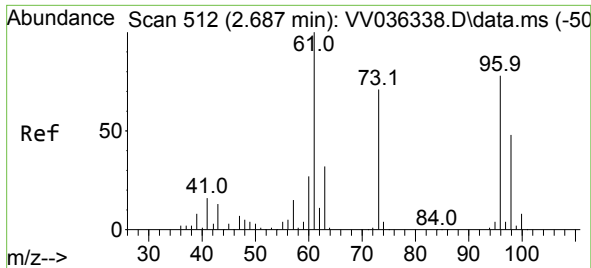
Tgt Ion: 43 Resp: 51068
Ion Ratio Lower Upper
43 100
74 29.4 23.8 35.6



#16
Methylene chloride
Concen: 25.687 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

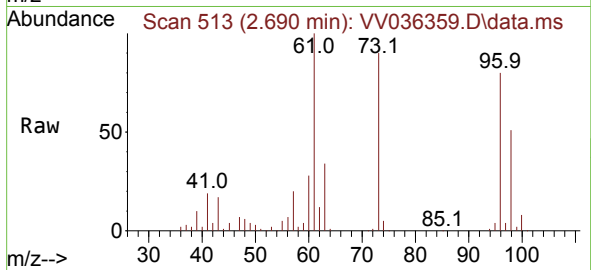
Tgt Ion: 84 Resp: 138806
Ion Ratio Lower Upper
84 100
86 62.8 45.6 84.8
49 104.6 75.7 140.5



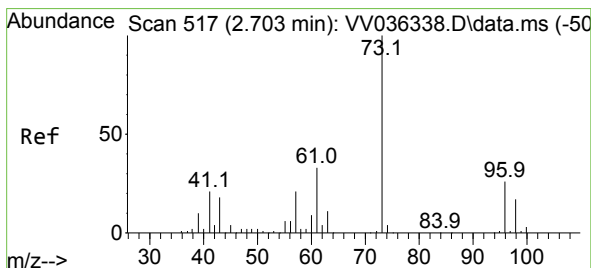
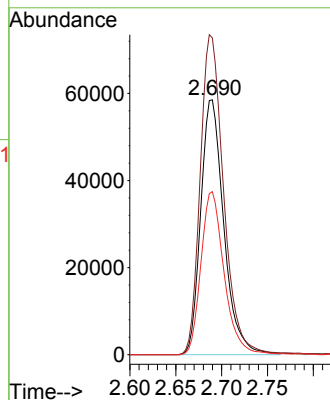
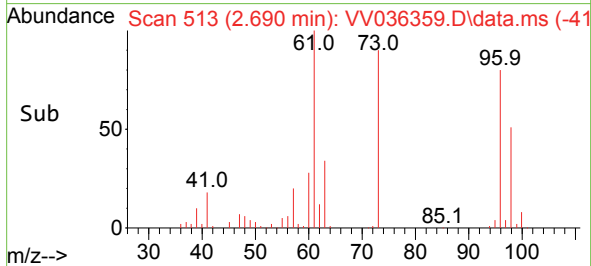


#17
trans-1,2-Dichloroethene
Concen: 23.893 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Instrument :
MSVOA_V
ClientSampleId :

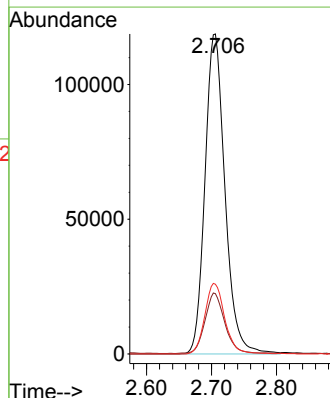
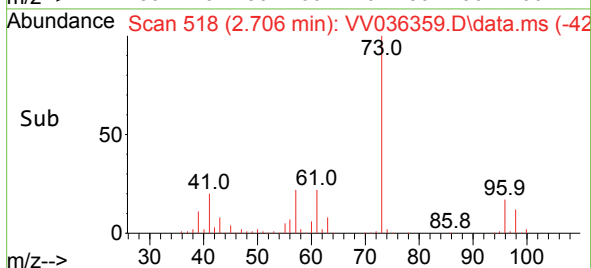
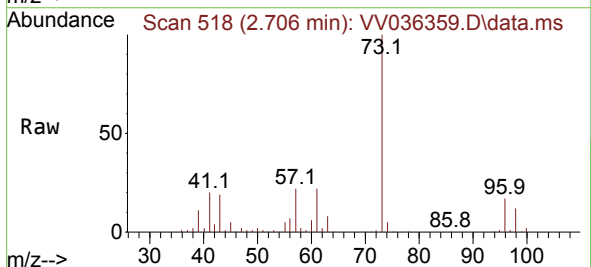


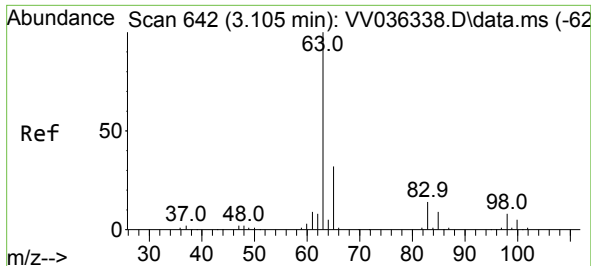
Tgt Ion: 96 Resp: 102567
Ion Ratio Lower Upper
96 100
61 124.3 89.8 166.8
98 64.0 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 25.485 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

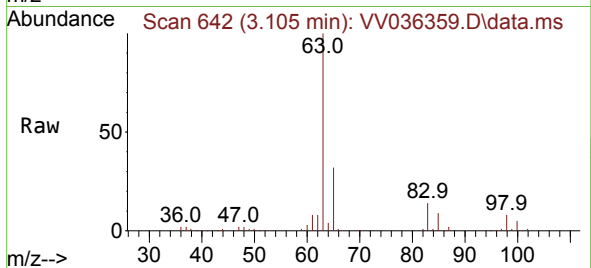
Tgt Ion: 73 Resp: 254667
Ion Ratio Lower Upper
73 100
43 18.3 14.7 22.1
57 22.0 17.0 25.6





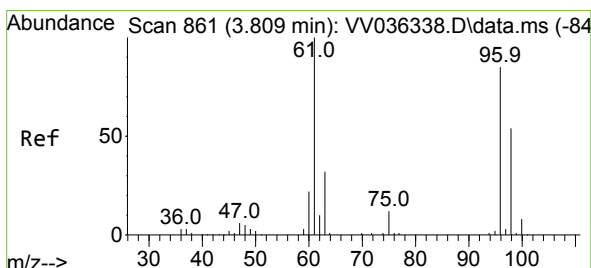
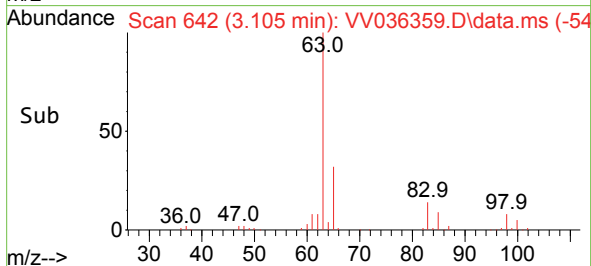
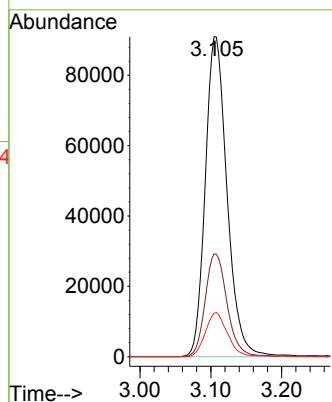
#19
 1,1-Dichloroethane
 Concen: 25.390 ug/L
 RT: 3.105 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VV036359.D
 Acq: 28 Jun 2024 19:13

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 63 Resp: 193790

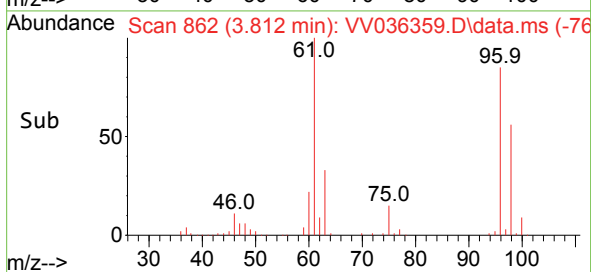
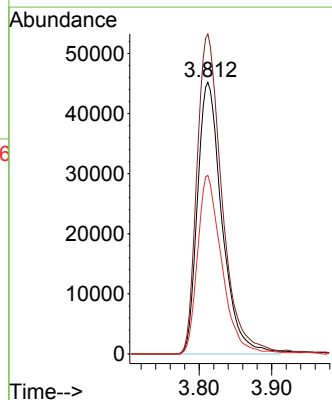
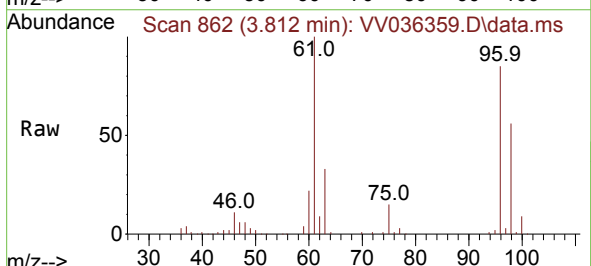
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.1	41.1
83	13.6	9.7	17.9

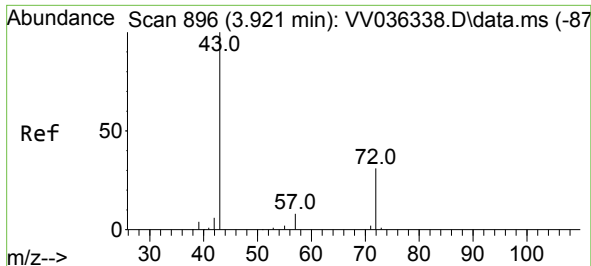


#20
 cis-1,2-Dichloroethene
 Concen: 24.570 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. 0.003 min
 Lab File: VV036359.D
 Acq: 28 Jun 2024 19:13

Tgt Ion: 96 Resp: 106083

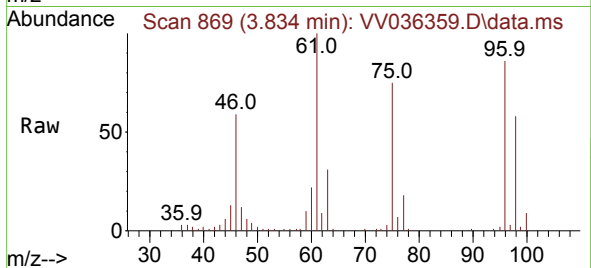
Ion	Ratio	Lower	Upper
96	100		
61	117.9	83.7	155.5
98	65.7	44.2	82.0



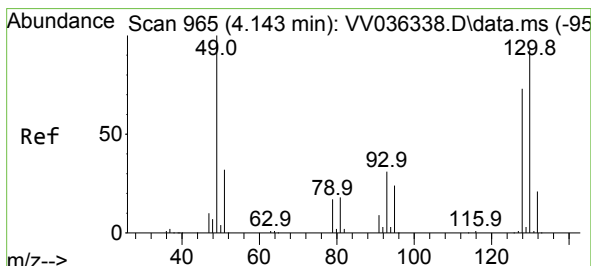
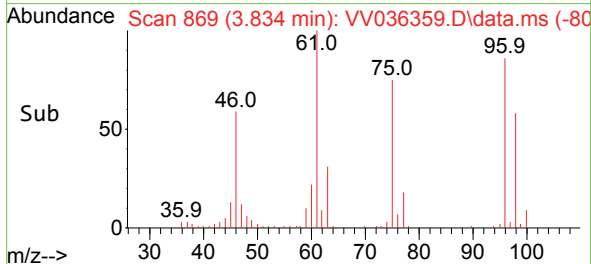
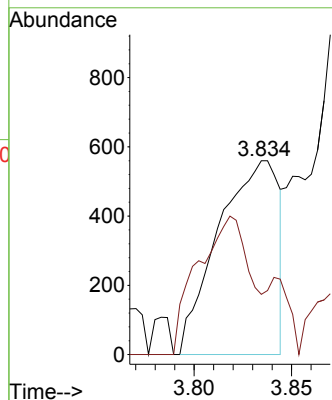


#22
2-Butanone
Concen: 0.979 ug/L
RT: 3.834 min Scan# 81
Delta R.T. -0.087 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Instrument :
MSVOA_V
ClientSampleId :

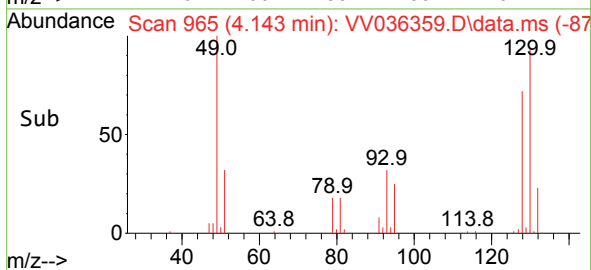
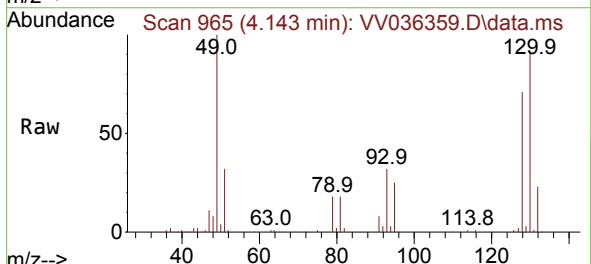
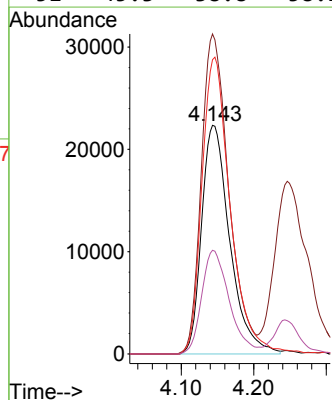


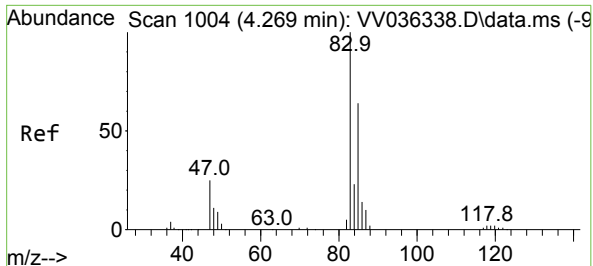
Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
72 14.5 12.9 38.7



#23
Bromochloromethane
Concen: 26.759 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Tgt Ion: 128 Resp: 60243
Ion Ratio Lower Upper
128 100
49 140.0 99.2 184.2
130 128.8 88.9 165.1
51 45.3 38.8 58.2





#25

Chloroform

Concen: 26.333 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

Instrument :

MSVOA_V

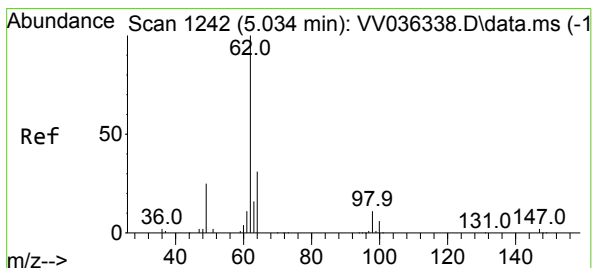
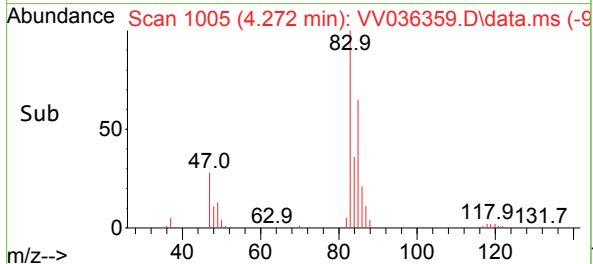
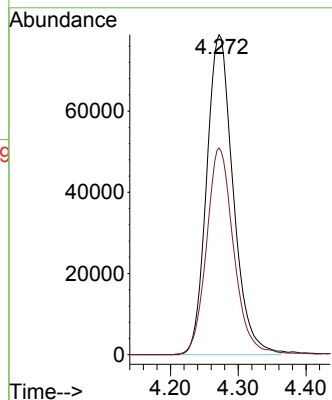
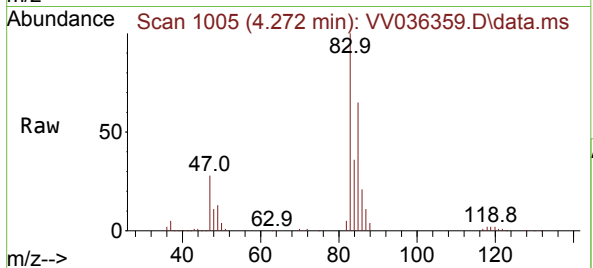
ClientSampleId :

Tgt Ion: 83 Resp: 214372

Ion Ratio Lower Upper

83 100

85 64.6 45.0 83.6



#27

1,2-Dichloroethane

Concen: 27.286 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VV036359.D

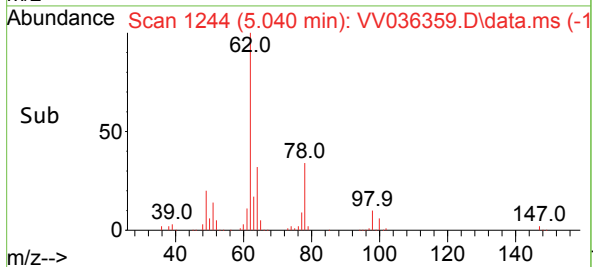
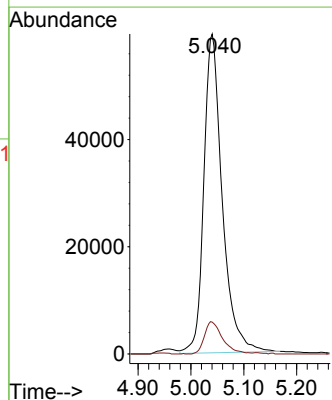
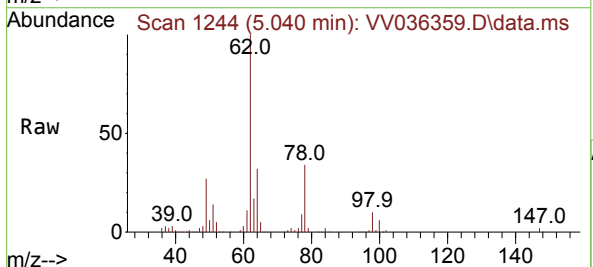
Acq: 28 Jun 2024 19:13

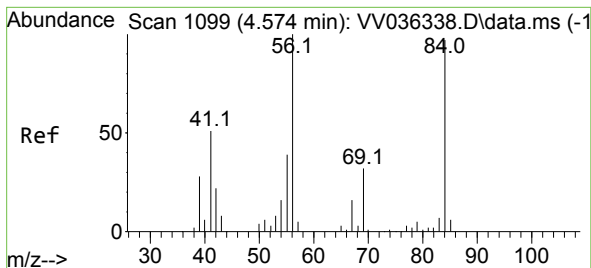
Tgt Ion: 62 Resp: 143831

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8





#29

Cyclohexane

Concen: 18.646 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

Instrument :

MSVOA_V

ClientSampleId :

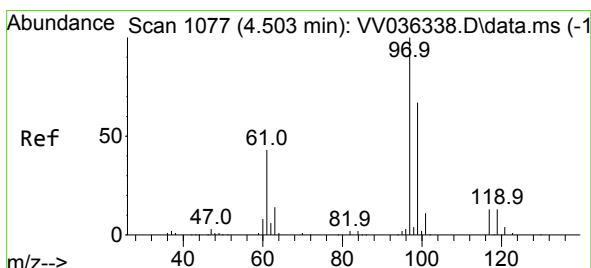
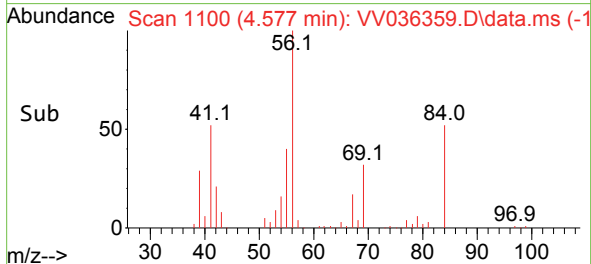
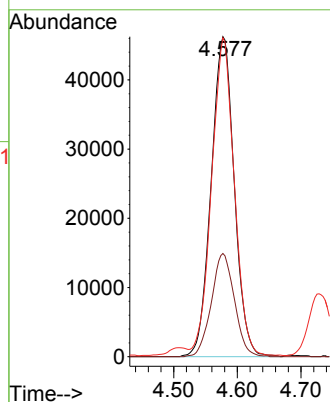
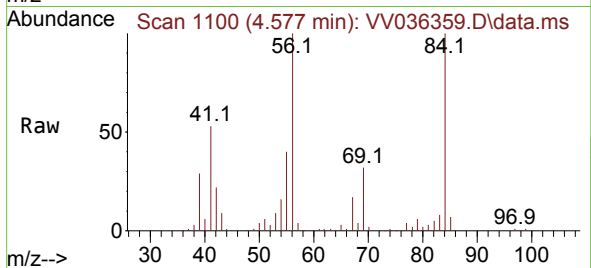
Tgt Ion: 56 Resp: 116629

Ion Ratio Lower Upper

56 100

69 32.1 26.0 39.0

84 96.9 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 22.623 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

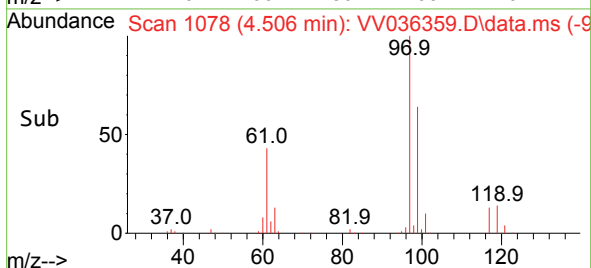
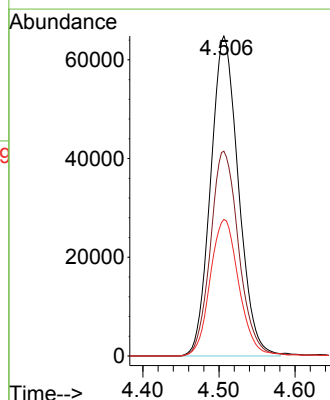
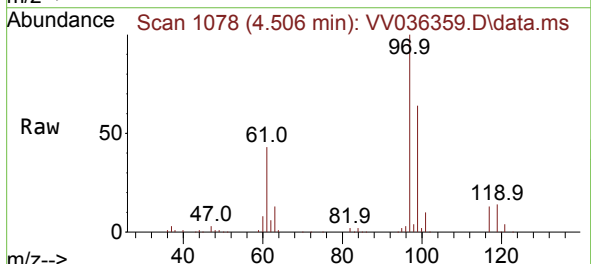
Tgt Ion: 97 Resp: 164688

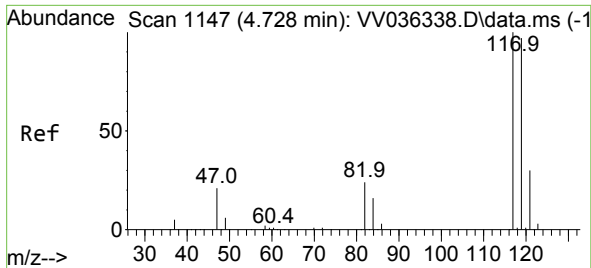
Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.0

61 44.2 34.8 52.2

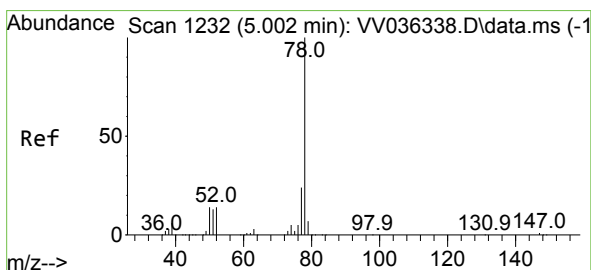
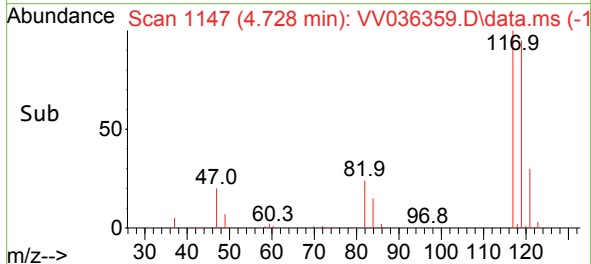
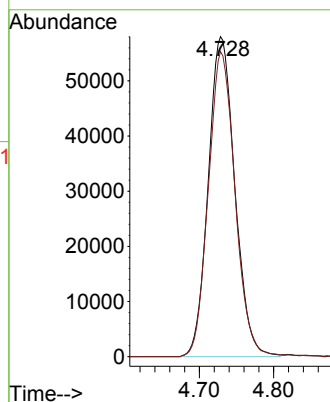
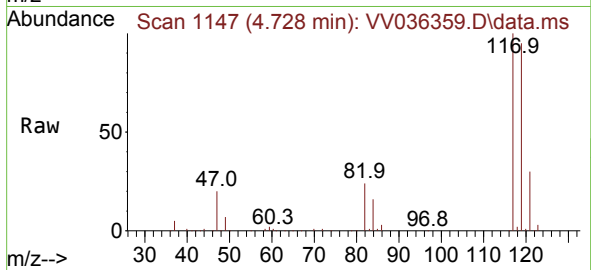




#31
Carbon tetrachloride
Concen: 22.235 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

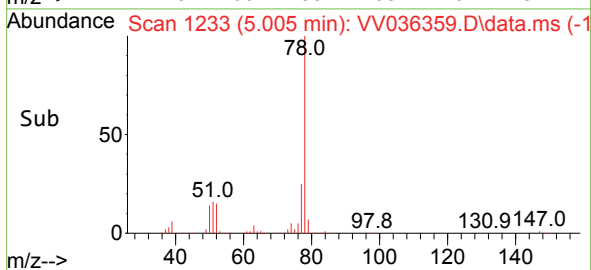
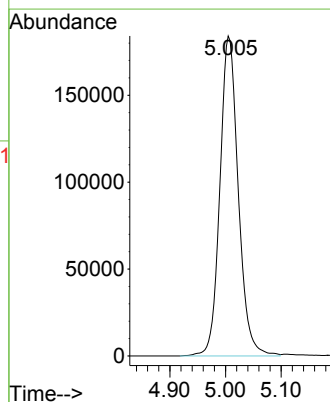
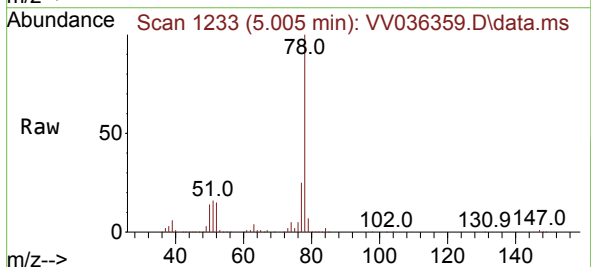
Instrument :
MSVOA_V
ClientSampleId :

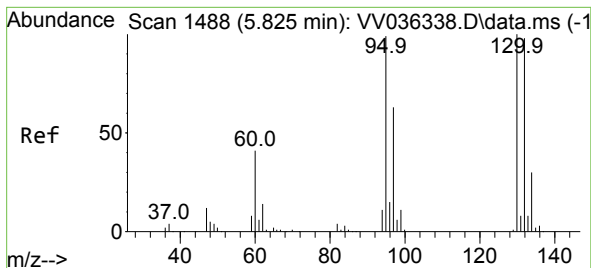
Tgt Ion:117 Resp: 144219
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8



#33
Benzene
Concen: 24.312 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Tgt Ion: 78 Resp: 422771





#34

Trichloroethene

Concen: 22.888 ug/L

RT: 5.831 min Scan# 14

Delta R.T. 0.006 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 125595

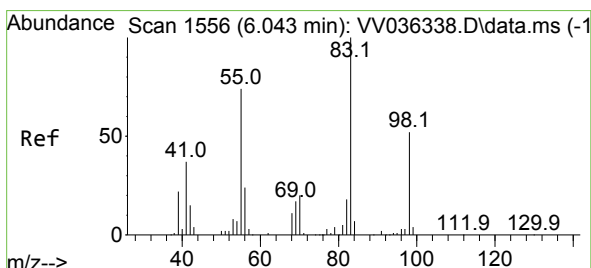
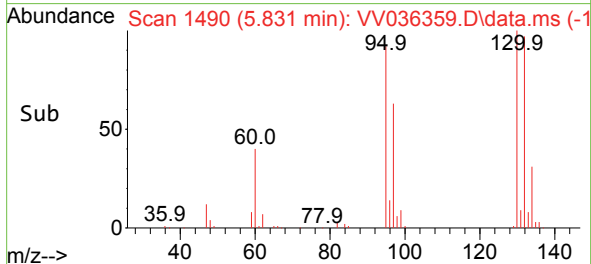
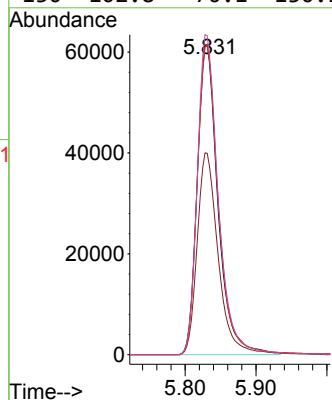
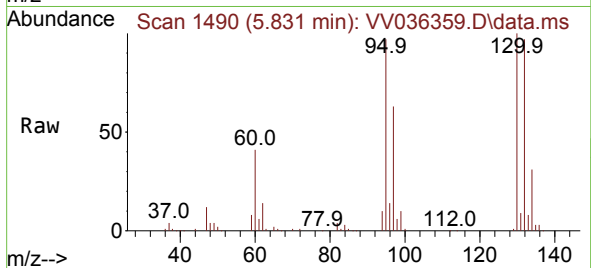
Ion Ratio Lower Upper

95 100

97 64.9 45.1 83.7

132 100.0 67.7 125.7

130 102.8 70.1 130.1



#35

Methylcyclohexane

Concen: 19.130 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

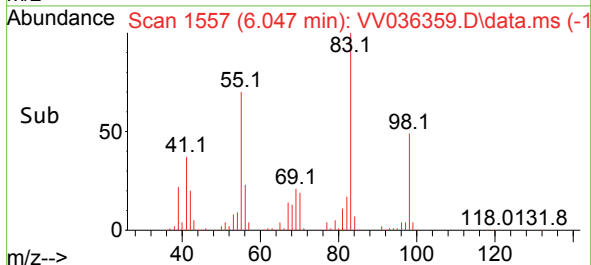
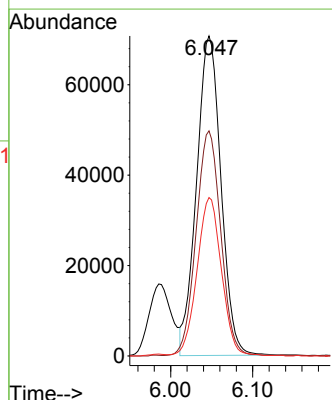
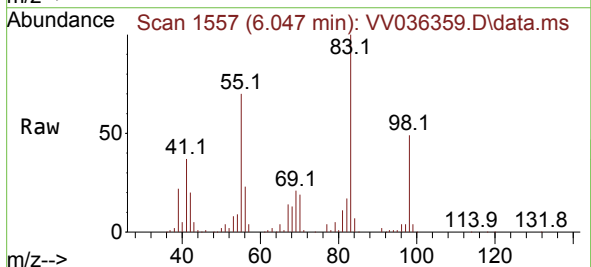
Tgt Ion: 83 Resp: 146294

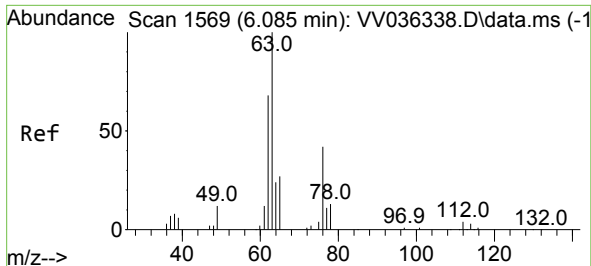
Ion Ratio Lower Upper

83 100

55 70.9 56.0 84.0

98 49.6 39.0 58.6





#37

1,2-Dichloropropane

Concen: 25.355 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

Instrument :

MSVOA_V

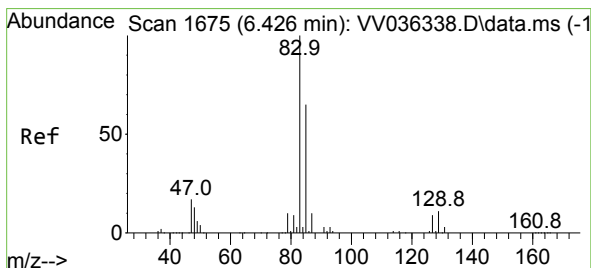
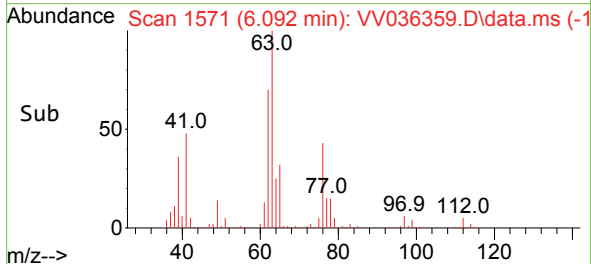
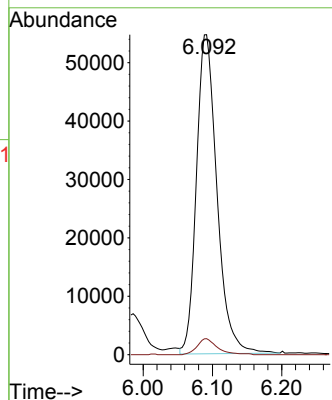
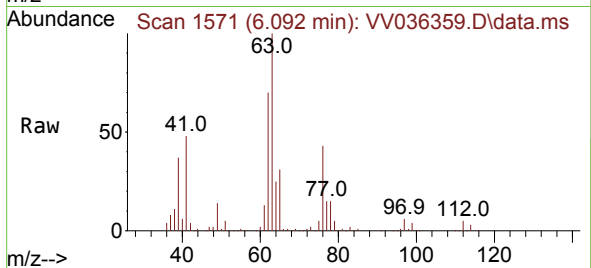
ClientSampleId :

Tgt Ion: 63 Resp: 112604

Ion Ratio Lower Upper

63 100

112 5.0 3.4 5.2



#38

Bromodichloromethane

Concen: 25.037 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

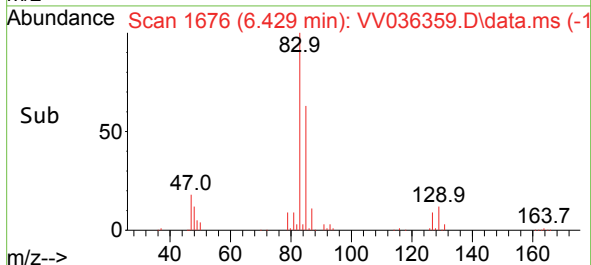
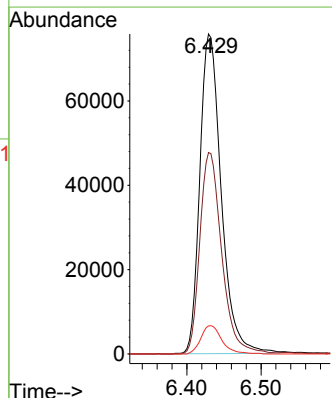
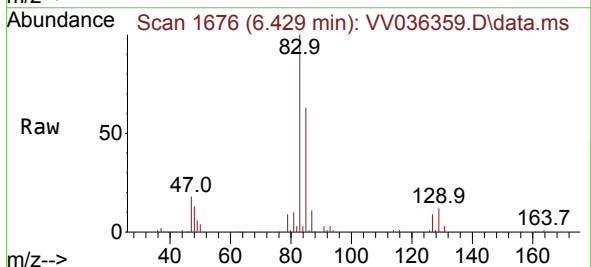
Tgt Ion: 83 Resp: 152081

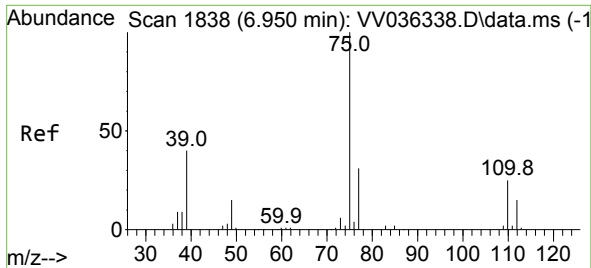
Ion Ratio Lower Upper

83 100

85 62.9 44.9 83.5

127 8.8 7.0 10.6

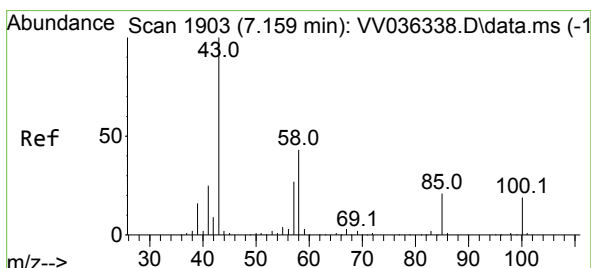
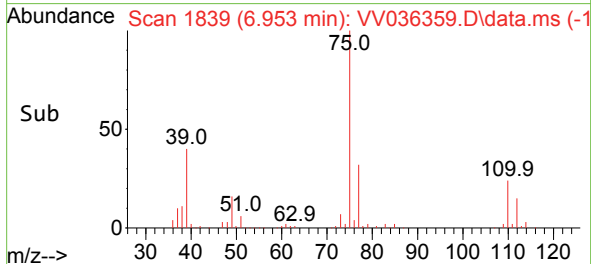
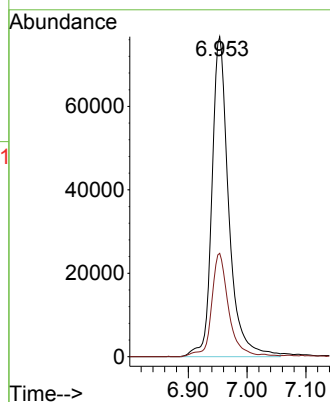
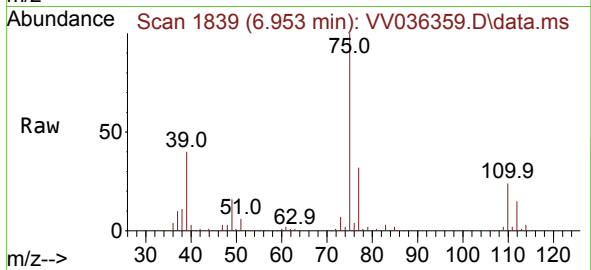




#39
 cis-1,3-Dichloropropene
 Concen: 22.314 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. 0.003 min
 Lab File: VV036359.D
 Acq: 28 Jun 2024 19:13

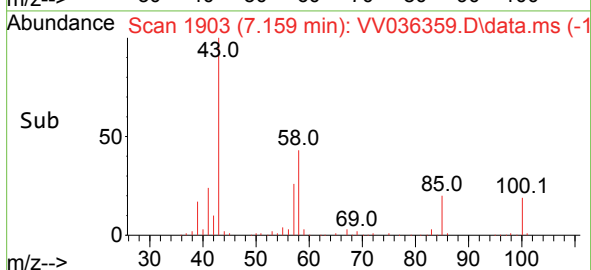
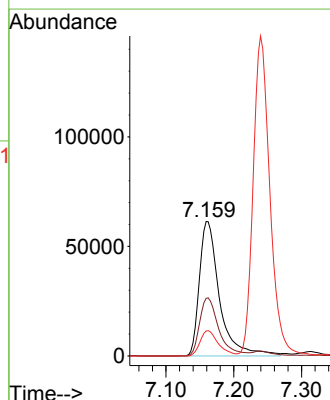
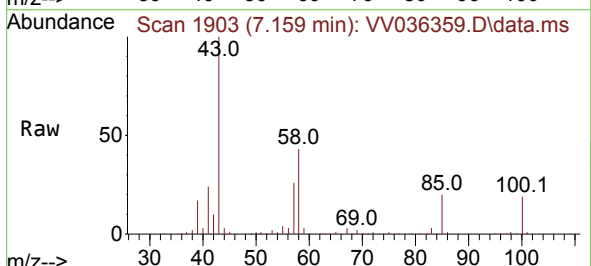
Instrument :
 MSVOA_V
 ClientSampleId :

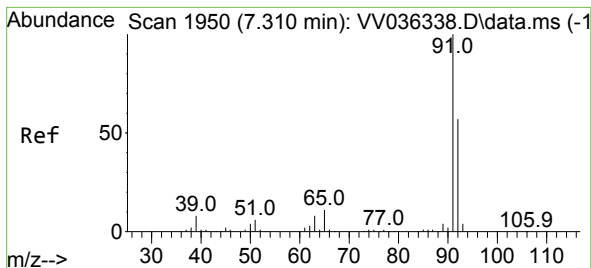
Tgt Ion: 75 Resp: 152387
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 50.710 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VV036359.D
 Acq: 28 Jun 2024 19:13

Tgt Ion: 43 Resp: 127012
 Ion Ratio Lower Upper
 43 100
 58 41.3 34.8 52.2
 100 17.1 14.6 21.8





#42

Toluene

Concen: 24.385 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

Instrument :

MSVOA_V

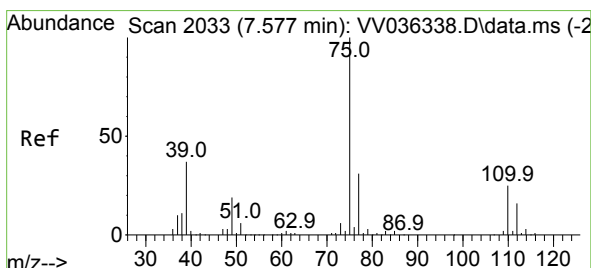
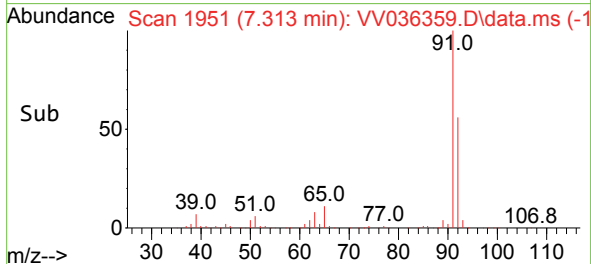
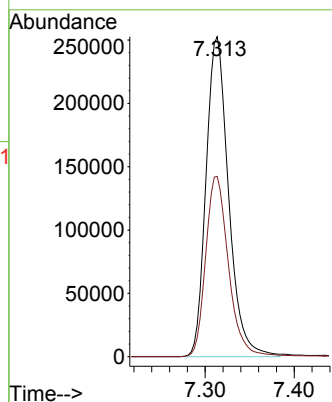
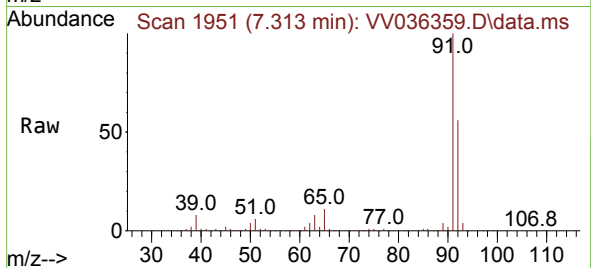
ClientSampleId :

Tgt Ion: 91 Resp: 443379

Ion Ratio Lower Upper

91 100

92 56.4 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 23.074 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV036359.D

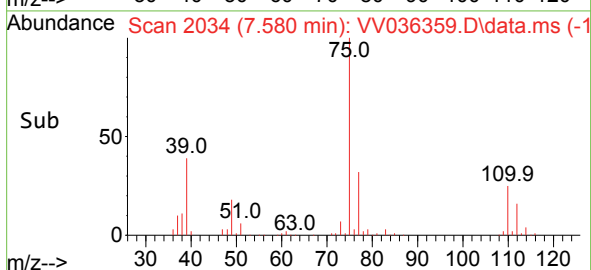
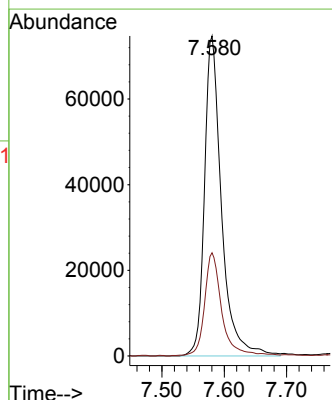
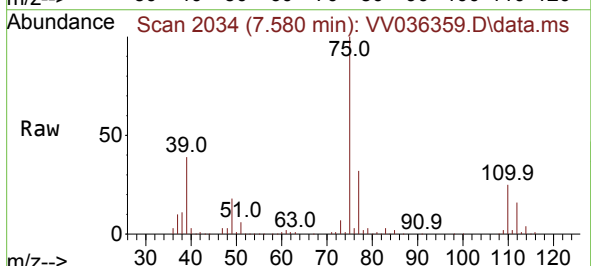
Acq: 28 Jun 2024 19:13

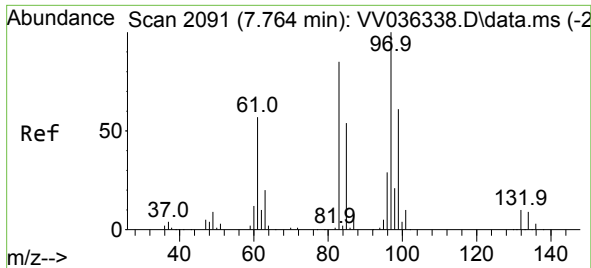
Tgt Ion: 75 Resp: 141727

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



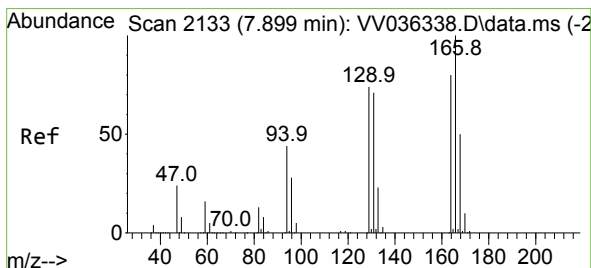
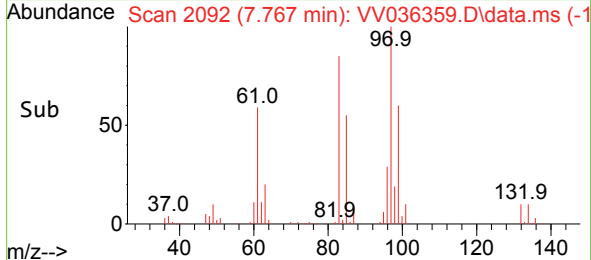
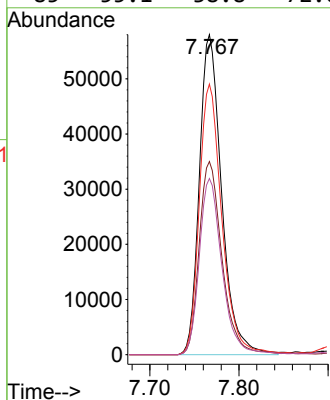
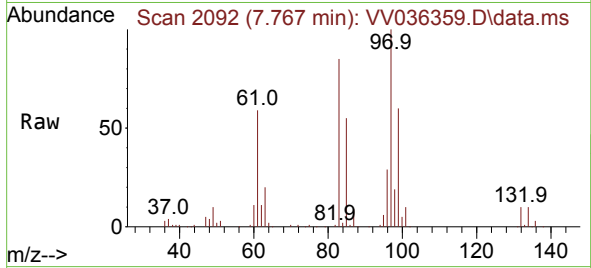


#45
1,1,2-Trichloroethane
Concen: 25.683 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 100818

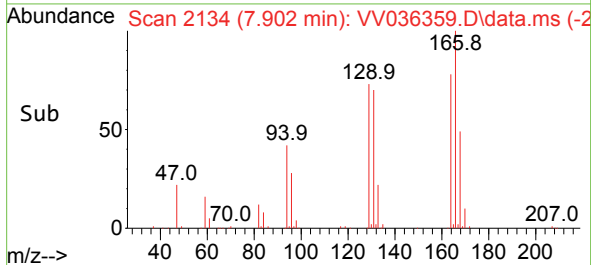
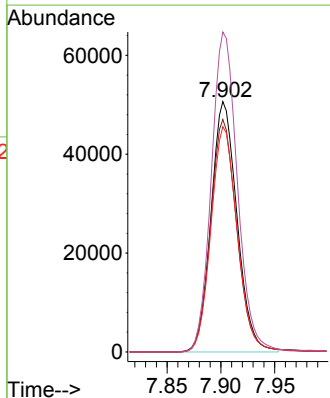
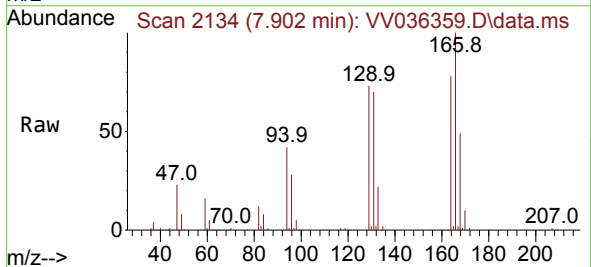
Ion	Ratio	Lower	Upper
97	100		
99	60.3	43.8	81.3
83	84.5	60.6	112.6
85	55.1	38.8	72.0

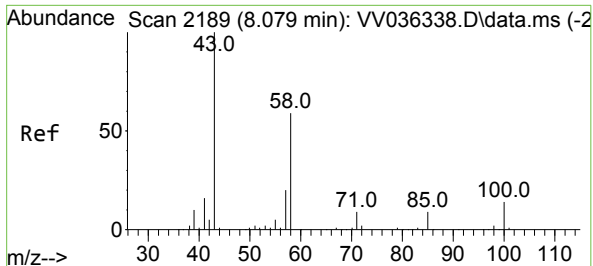


#46
Tetrachloroethene
Concen: 21.361 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Tgt Ion: 164 Resp: 85189

Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.9	122.5
131	90.0	63.3	117.7
166	127.8	90.3	167.7

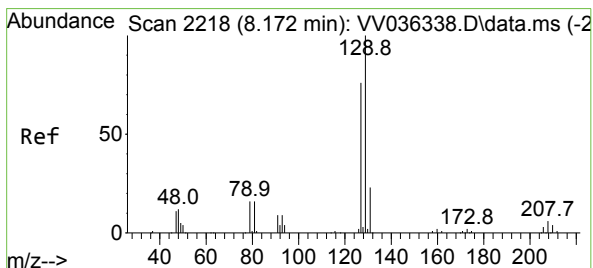
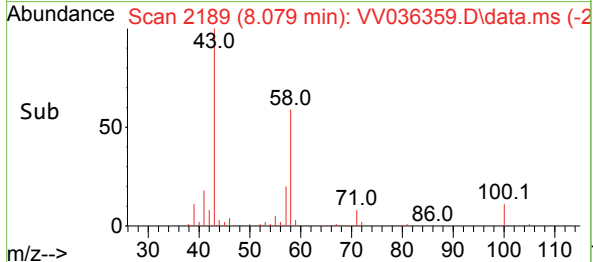
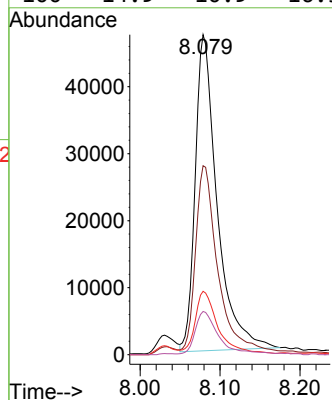
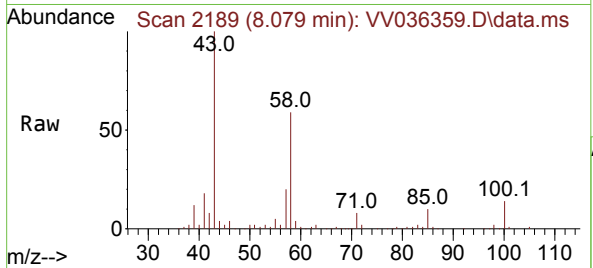




#48
2-Hexanone
Concen: 45.767 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

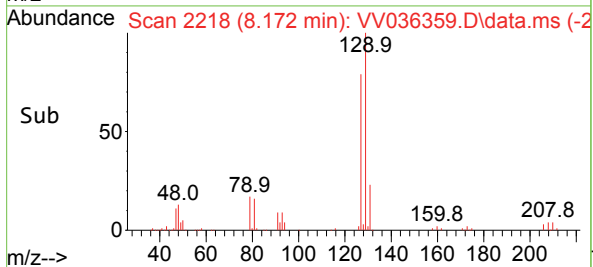
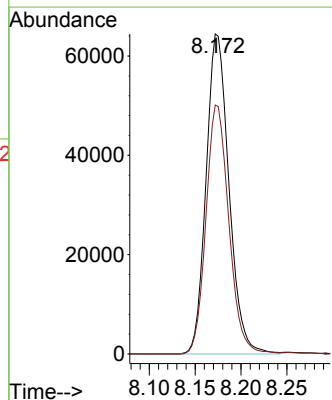
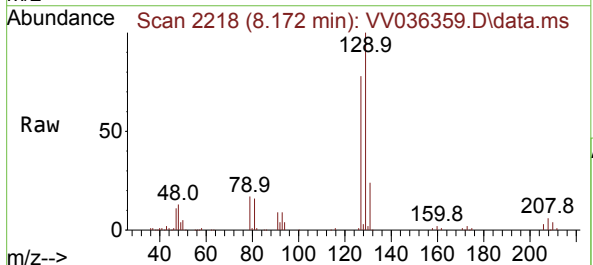
Instrument :
MSVOA_V
ClientSampleId :

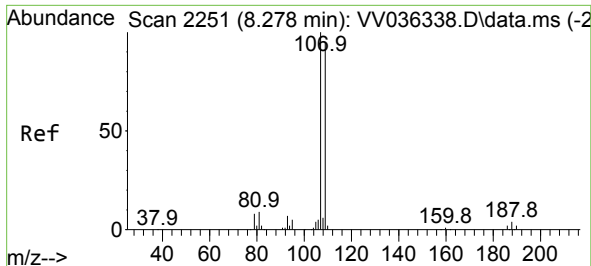
Tgt Ion:	43	Resp:	90167
Ion	Ratio	Lower	Upper
43	100		
58	61.5	48.5	72.7
57	20.6	15.8	23.6
100	14.9	10.9	16.3



#49
Dibromochloromethane
Concen: 25.583 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

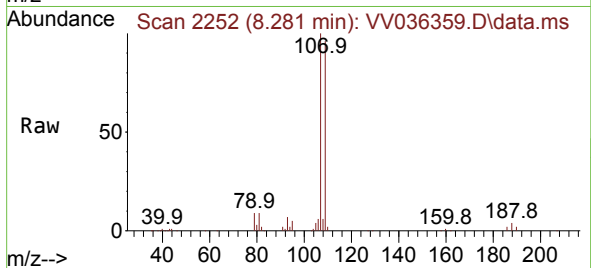
Tgt Ion:	129	Resp:	111948
Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.9	101.9



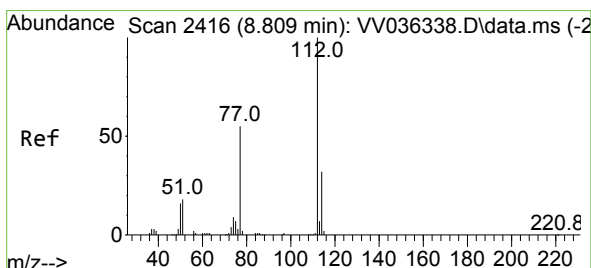
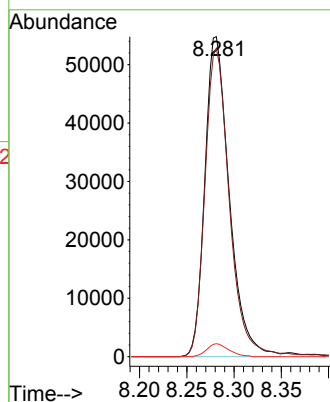
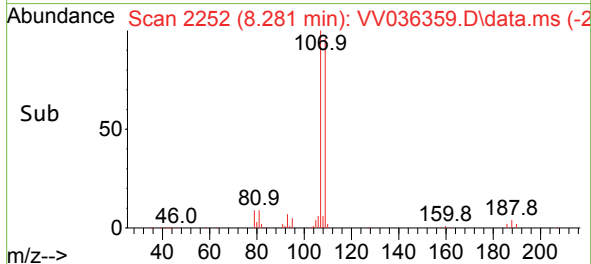


#50
1,2-Dibromoethane
Concen: 25.453 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Instrument :
MSVOA_V
ClientSampleId :

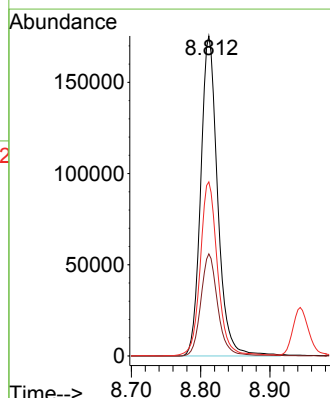
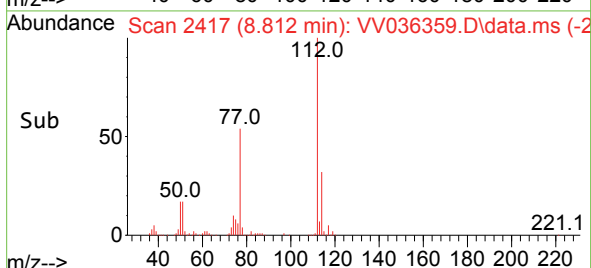
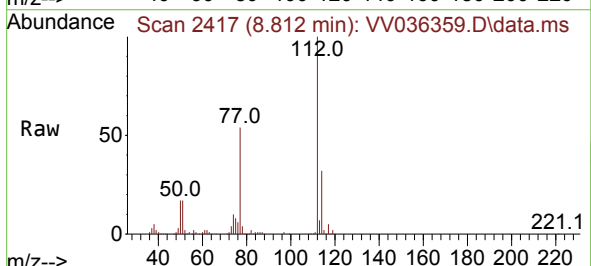


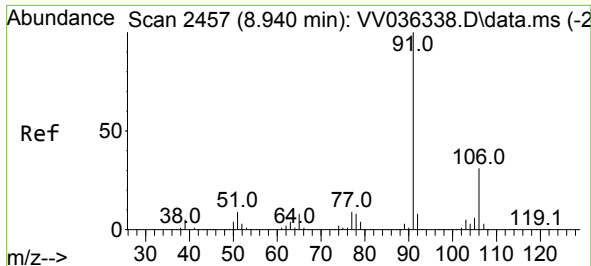
Tgt Ion:107 Resp: 98431
Ion Ratio Lower Upper
107 100
109 96.3 64.7 120.1
188 4.1 3.0 4.6



#51
Chlorobenzene
Concen: 23.942 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Tgt Ion:112 Resp: 297572
Ion Ratio Lower Upper
112 100
114 31.9 22.8 42.4
77 54.4 46.2 69.2

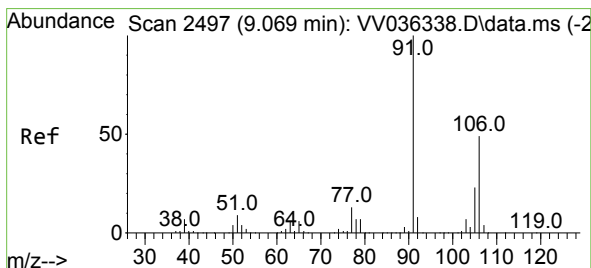
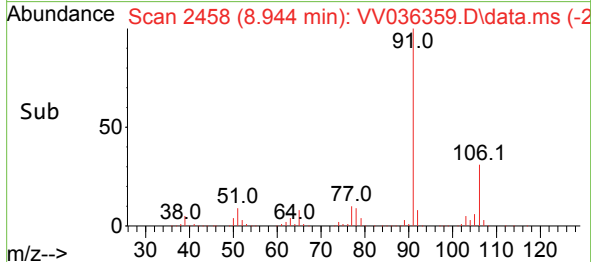
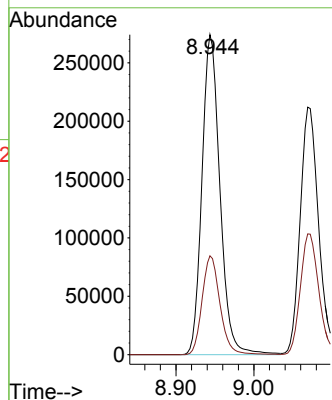
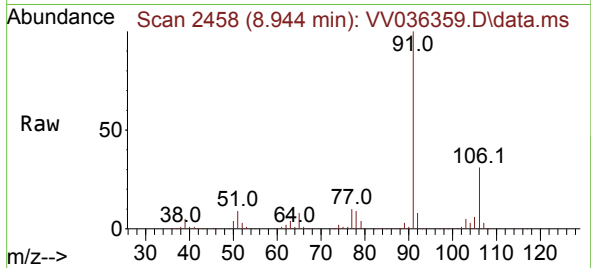




#52
Ethylbenzene
Concen: 22.390 ug/L
RT: 8.944 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

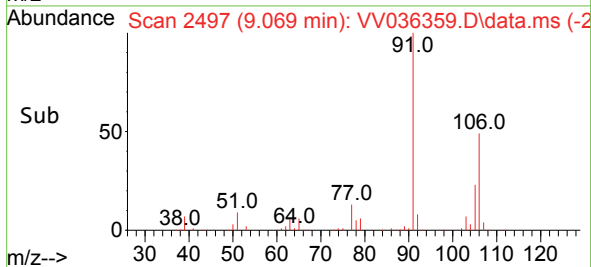
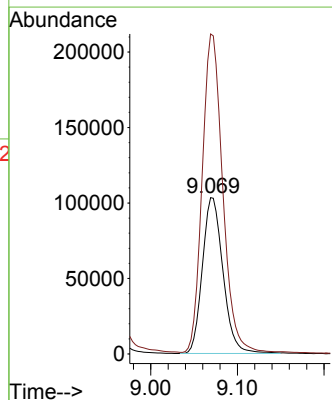
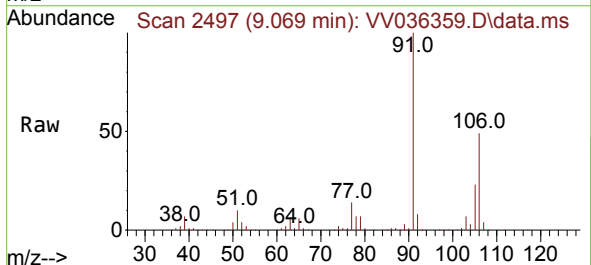
Instrument :
MSVOA_V
ClientSampleId :

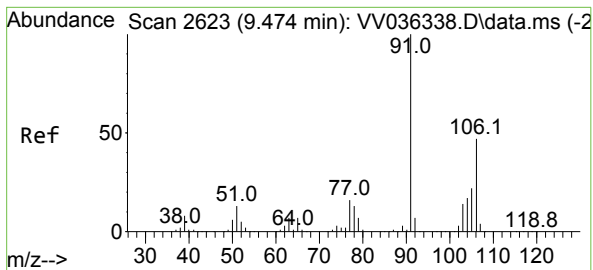
Tgt Ion: 91 Resp: 439344
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.4



#53
m,p-Xylene
Concen: 23.378 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Tgt Ion: 106 Resp: 170963
Ion Ratio Lower Upper
106 100
91 204.8 142.2 264.0





#54

o-Xylene

Concen: 23.529 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

Instrument :

MSVOA_V

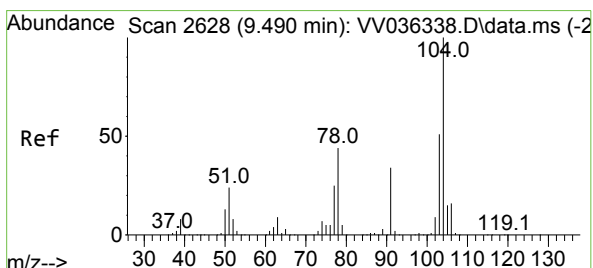
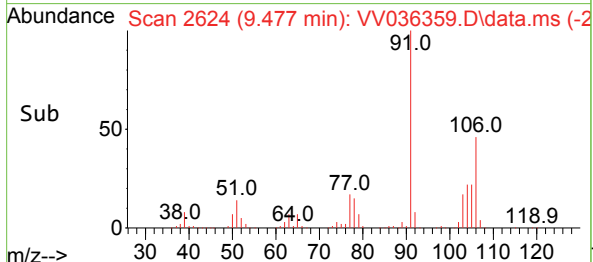
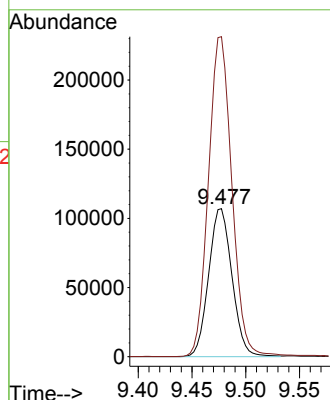
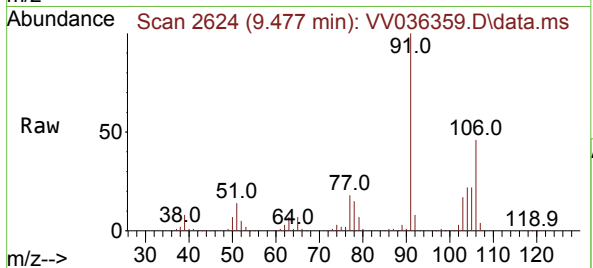
ClientSampleId :

Tgt Ion:106 Resp: 161811

Ion Ratio Lower Upper

106 100

91 216.2 152.7 283.7



#55

Styrene

Concen: 26.094 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.003 min

Lab File: VV036359.D

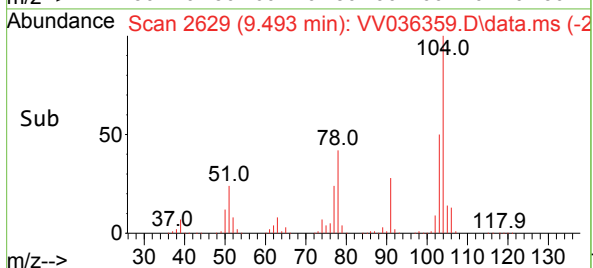
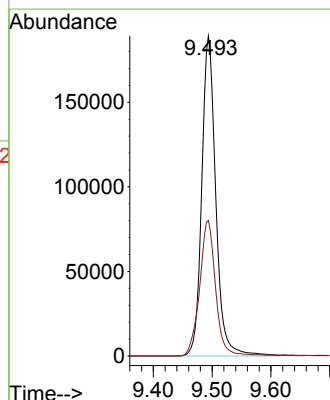
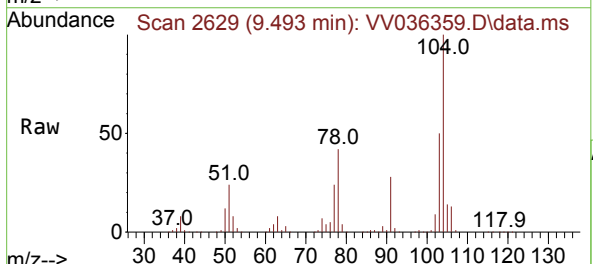
Acq: 28 Jun 2024 19:13

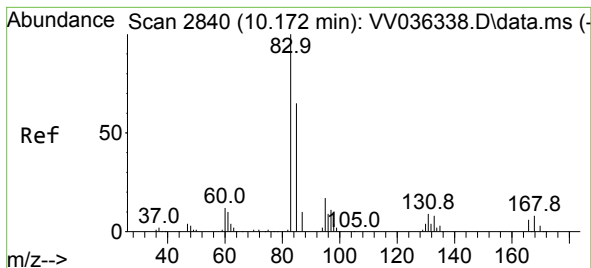
Tgt Ion:104 Resp: 314508

Ion Ratio Lower Upper

104 100

78 42.4 30.2 56.2

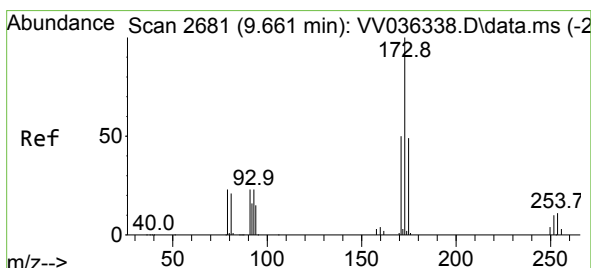
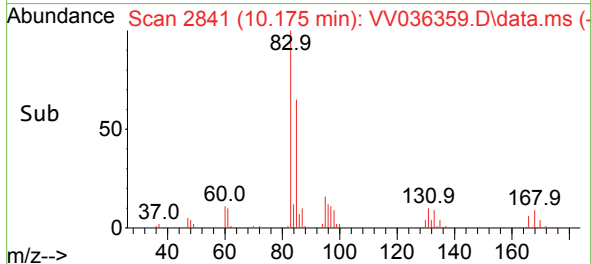
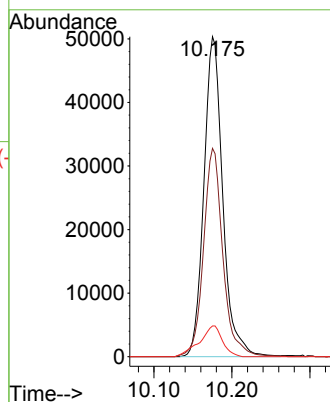
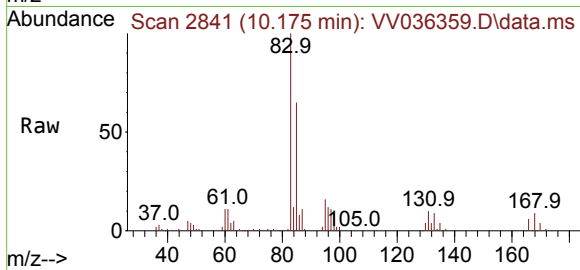




#57
1,1,2,2-Tetrachloroethane
Concen: 24.127 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

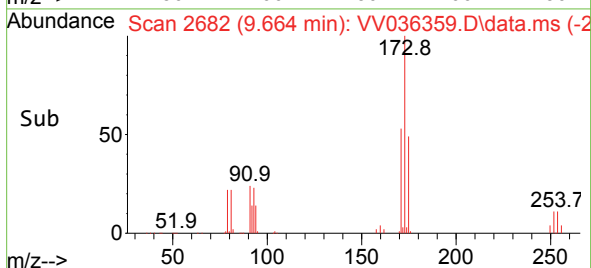
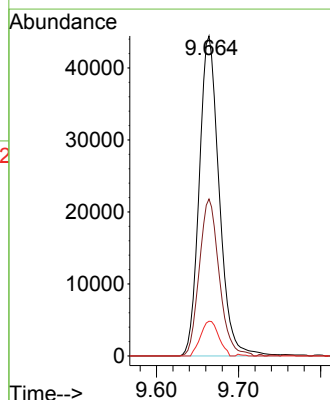
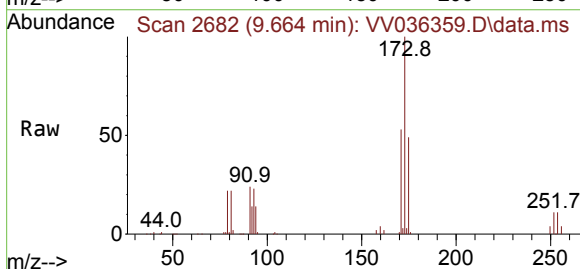
Instrument :
MSVOA_V
ClientSampleId :

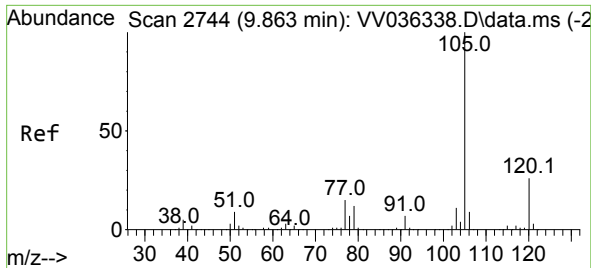
Tgt Ion: 83 Resp: 84763
Ion Ratio Lower Upper
83 100
85 65.1 45.7 84.9
131 9.6 7.8 11.6



#59
Bromoform
Concen: 25.293 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Tgt Ion: 173 Resp: 75084
Ion Ratio Lower Upper
173 100
175 49.0 38.9 58.3
254 9.9 7.2 10.8

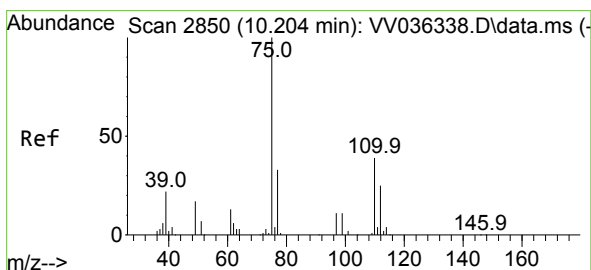
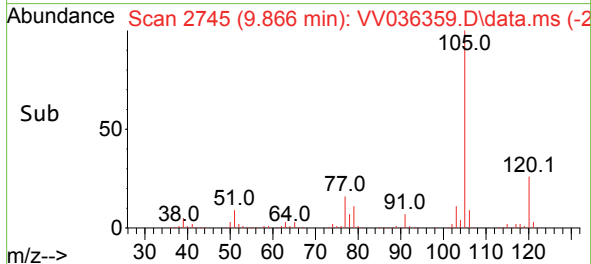
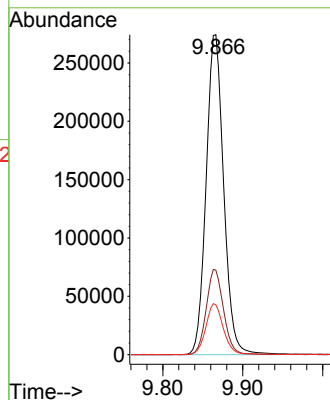
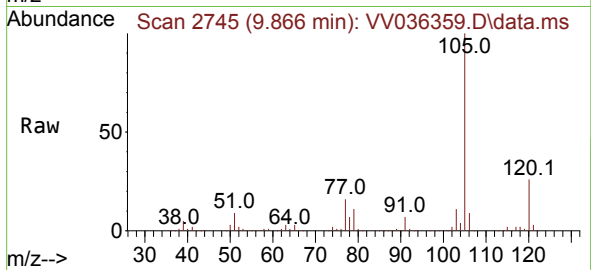




#60
Isopropylbenzene
Concen: 22.135 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

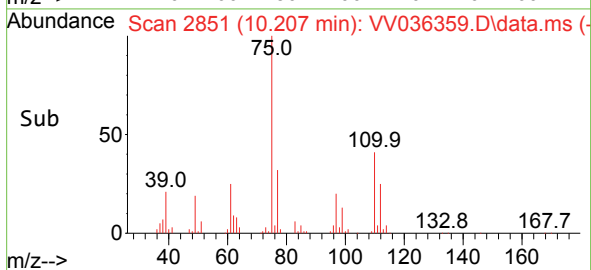
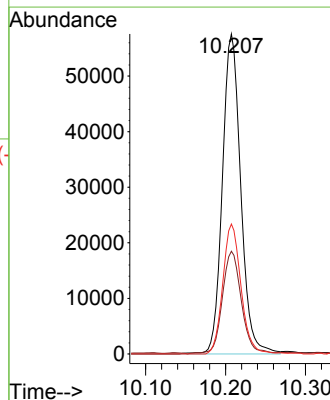
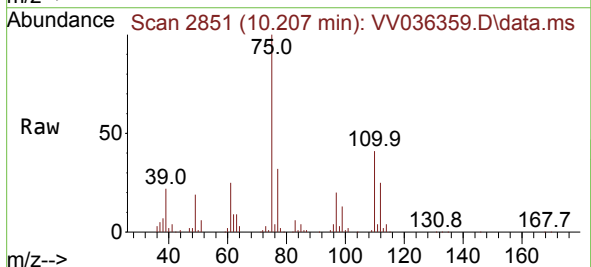
Instrument :
MSVOA_V
ClientSampleId :

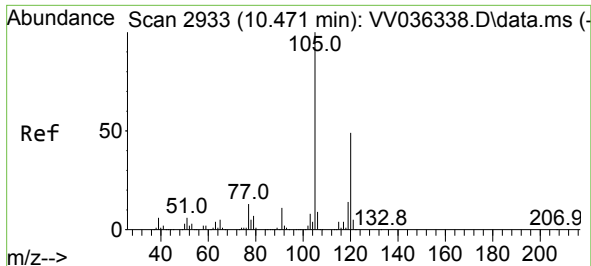
Tgt Ion:105 Resp: 419619
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 15.8 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 25.877 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Tgt Ion: 75 Resp: 91581
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 40.1 31.7 47.5

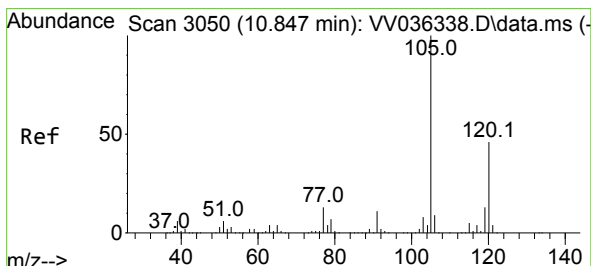
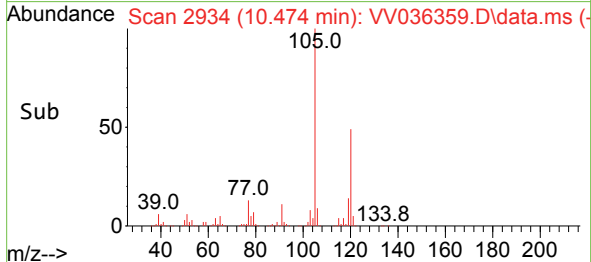
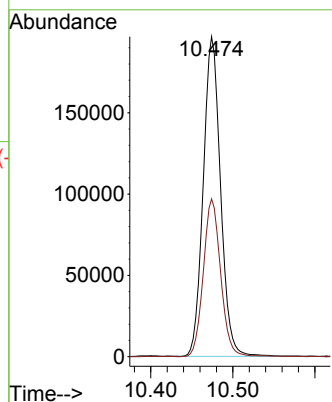
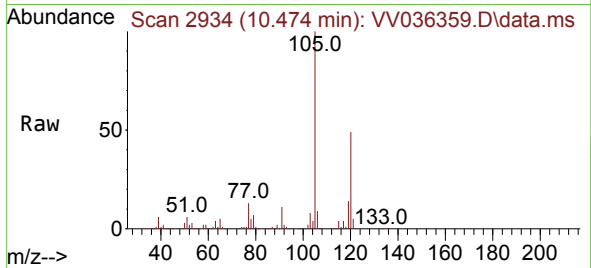




#62
1,3,5-Trimethylbenzene
Concen: 21.215 ug/L
RT: 10.474 min Scan# 2933
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

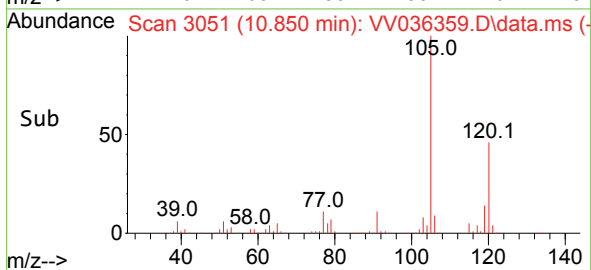
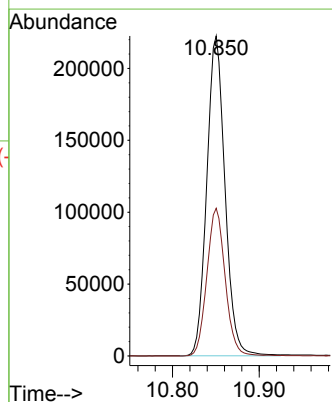
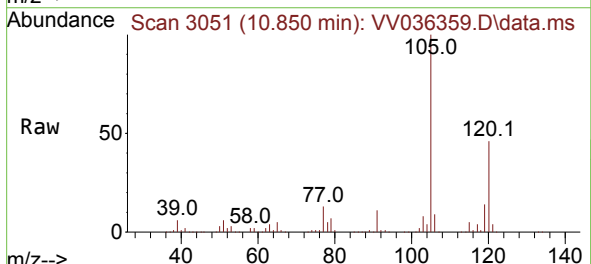
Instrument :
MSVOA_V
ClientSampleId :

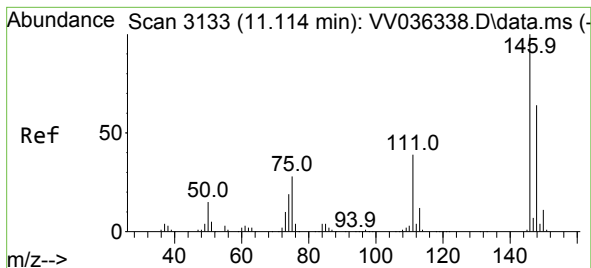
Tgt Ion:105 Resp: 287819
Ion Ratio Lower Upper
105 100
120 49.5 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 22.057 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

Tgt Ion:105 Resp: 325178
Ion Ratio Lower Upper
105 100
120 46.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 23.436 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

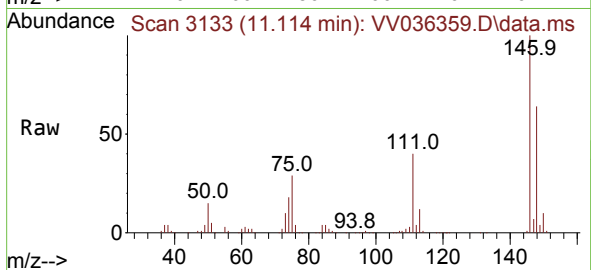
Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

Instrument :

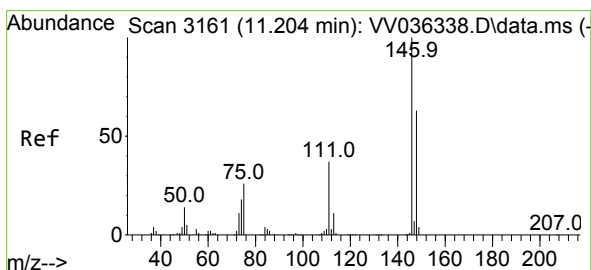
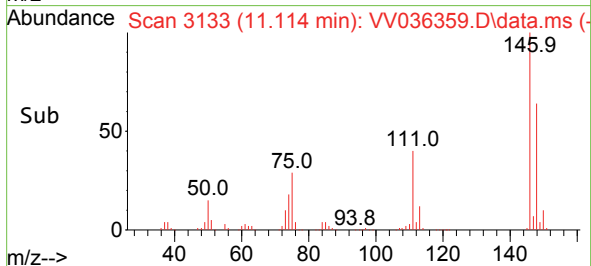
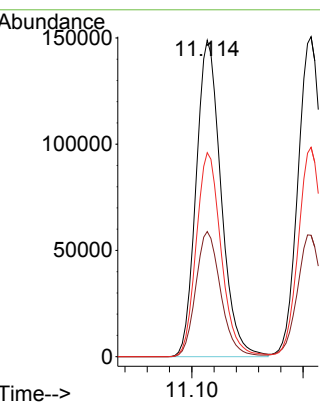
MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 231502

Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.5	51.1
148	64.5	44.9	83.3



#65

1,4-Dichlorobenzene

Concen: 22.543 ug/L

RT: 11.207 min Scan# 3162

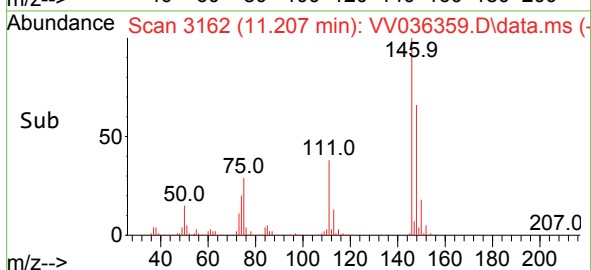
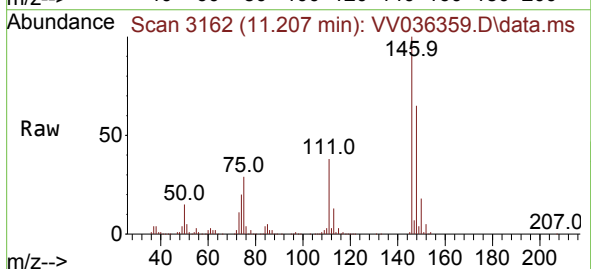
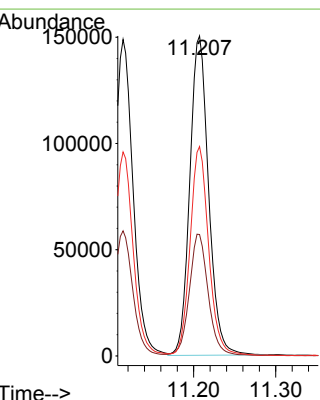
Delta R.T. 0.003 min

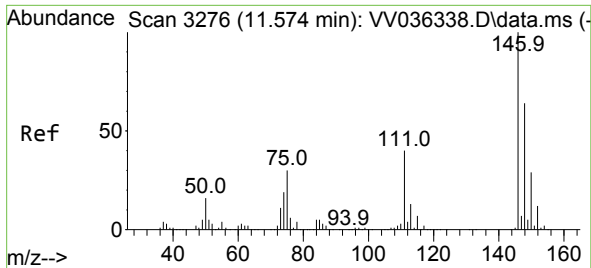
Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

Tgt Ion:146 Resp: 238695

Ion	Ratio	Lower	Upper
146	100		
111	38.0	27.5	51.1
148	65.5	44.0	81.8

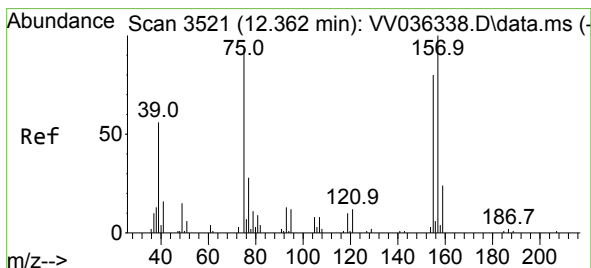
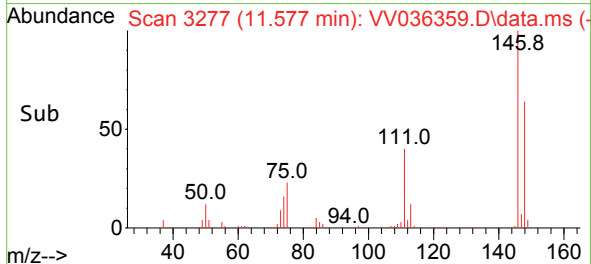
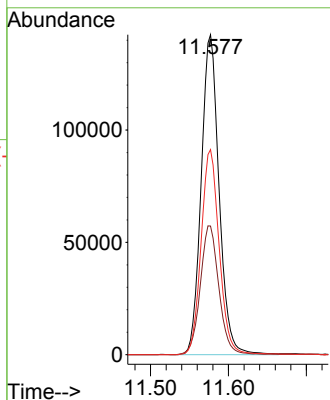
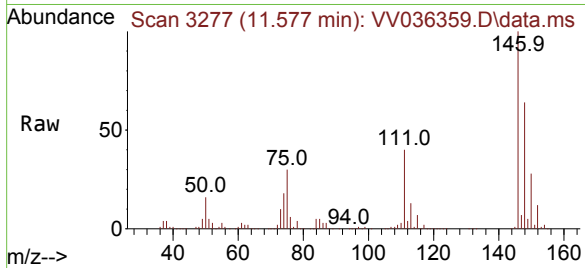




#67
1,2-Dichlorobenzene
Concen: 24.072 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

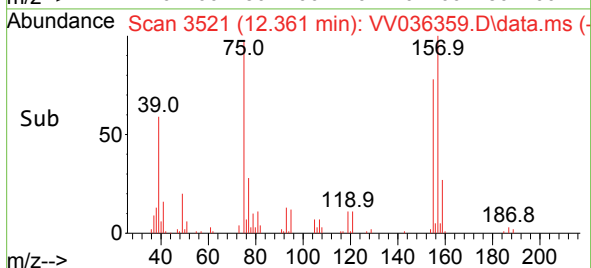
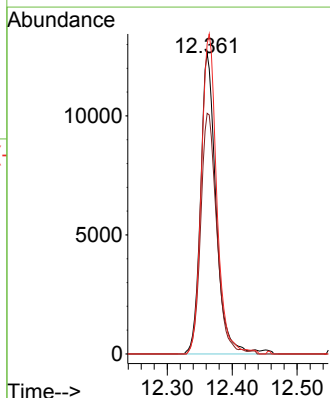
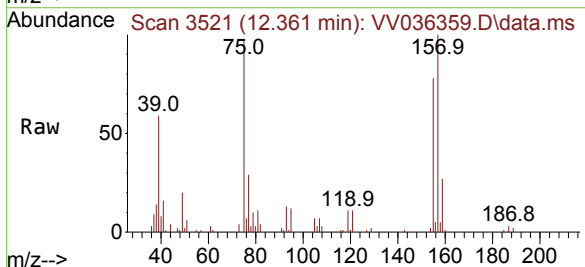
Instrument :
MSVOA_V
ClientSampleId :

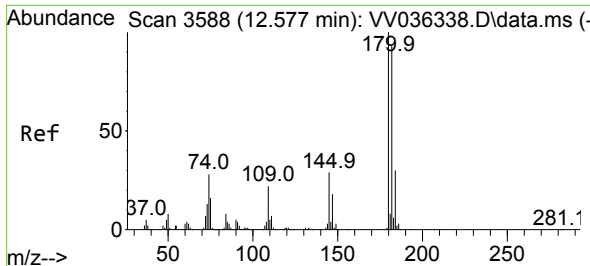
Tgt Ion:146 Resp: 227008
Ion Ratio Lower Upper
146 100
111 40.2 33.3 49.9
148 64.1 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 26.473 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV036359.D
Acq: 28 Jun 2024 19:13

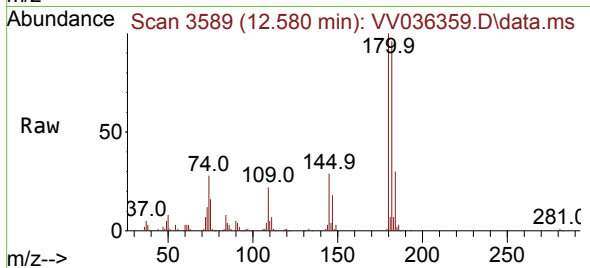
Tgt Ion: 75 Resp: 21019
Ion Ratio Lower Upper
75 100
155 80.0 68.3 102.5
157 103.2 95.7 143.5



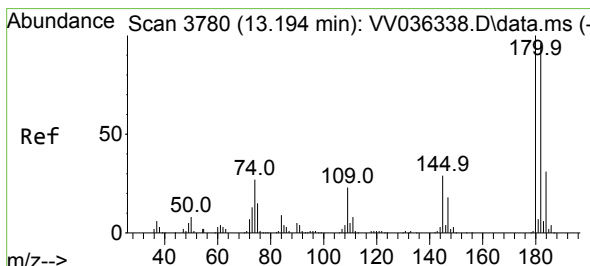
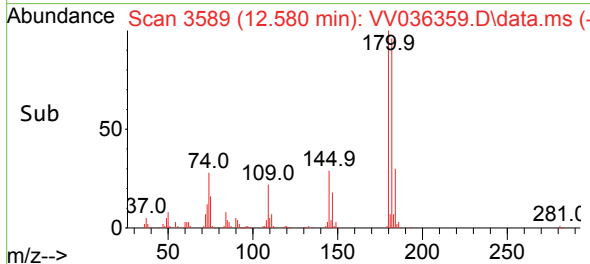
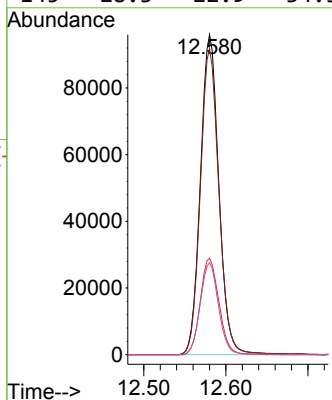


#69
 1,3,5-Trichlorobenzene
 Concen: 20.177 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. 0.003 min
 Lab File: VV036359.D
 Acq: 28 Jun 2024 19:13

Instrument :
 MSVOA_V
 ClientSampleId :

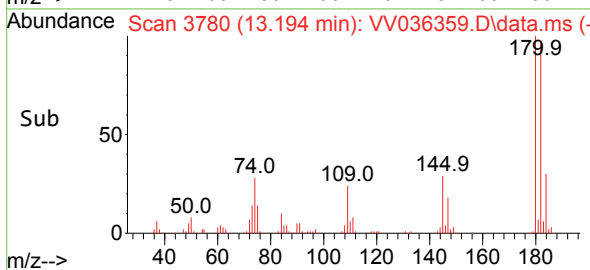
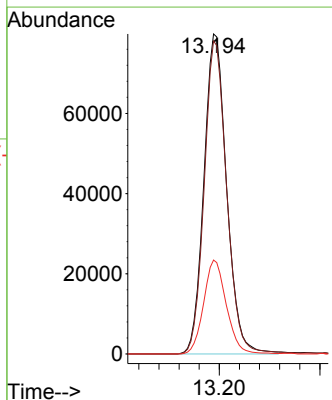
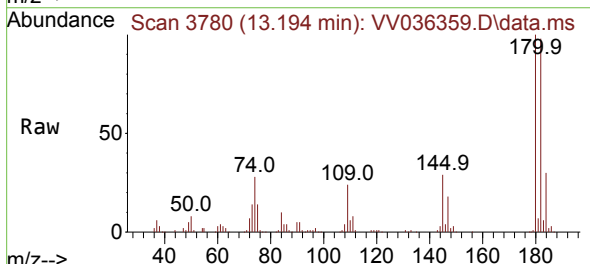


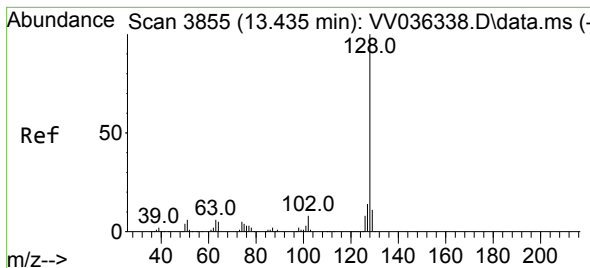
Tgt Ion:	180	Resp:	150076
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.2	114.4
184	30.4	23.3	34.9
145	28.3	22.9	34.3



#70
 1,2,4-trichlorobenzene
 Concen: 21.122 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. -0.000 min
 Lab File: VV036359.D
 Acq: 28 Jun 2024 19:13

Tgt Ion:	180	Resp:	125283
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.1	114.1
145	29.3	23.8	35.8





#71

Naphthalene

Concen: 24.423 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

Instrument :

MSVOA_V

ClientSampleId :

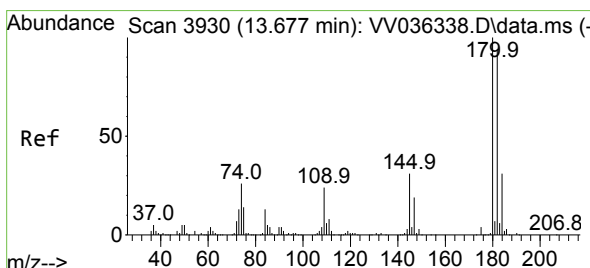
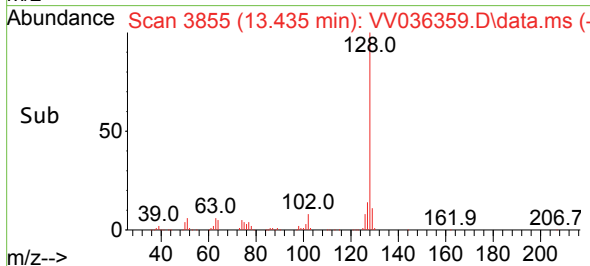
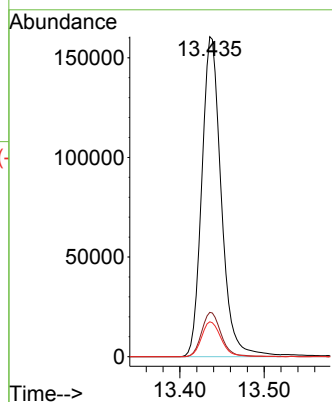
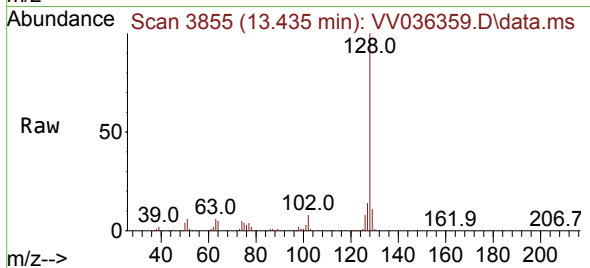
Tgt Ion:128 Resp: 258293

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.494 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036359.D

Acq: 28 Jun 2024 19:13

Tgt Ion:180 Resp: 136616

Ion Ratio Lower Upper

180 100

182 94.9 76.7 115.1

145 30.1 25.0 37.4

