

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073024\
 Data File : VW029801.D
 Acq On : 30 Jul 2024 14:40
 Operator : SY/MD
 Sample : P3228-22MSD
 Misc : 10.57g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E20N1MSD

Quant Time: Jul 31 02:01:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 31 01:58:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	245301	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	228349	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	115872	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	50696	14.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.240%
7) Chloroethane-d5	2.899	69	44273	17.807	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.240%
11) 1,1-Dichloroethene-d2	4.021	65	26954	16.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.840%
21) 2-Butanone-d5	7.081	46	41919	43.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.840%
24) Chloroform-d	7.648	84	141157	22.229	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.920%
26) 1,2-Dichloroethane-d4	8.301	65	82055	22.687	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.760%
32) Benzene-d6	8.276	84	260625	21.124	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.480%
36) 1,2-Dichloropropane-d6	9.270	67	85543	21.713	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.840%
41) Toluene-d8	10.319	98	234923	21.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.640%
43) trans-1,3-Dichloroprop...	10.575	79	34135	21.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.640%
47) 2-Hexanone-d5	10.922	63	28817	44.360	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67731	23.154	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	77636	21.578	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	76472	23.128	ug/L #	84
3) Chloromethane	2.222	50	98251	24.013	ug/L	96
5) Vinyl chloride	2.375	62	101978	22.244	ug/L	99
6) Bromomethane	2.789	94	59954	23.816	ug/L	93
8) Chloroethane	2.930	64	61615	23.625	ug/L	99
9) Trichlorofluoromethane	3.265	101	84597	23.102	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	78235	21.451	ug/L #	60
12) 1,1-Dichloroethene	4.051	96	75911	22.652	ug/L	97
13) Acetone	4.125	43	41537	35.017	ug/L	98
14) Carbon disulfide	4.399	76	257744	23.112	ug/L	99
15) Methyl Acetate	4.673	43	47427	24.005	ug/L	99
16) Methylene chloride	4.923	84	113439	22.121	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	86691	24.006	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	142857	24.002	ug/L	97
19) 1,1-Dichloroethane	6.216	63	184545	24.230	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	95587	24.402	ug/L	96
22) 2-Butanone	7.173	43	61769	40.641	ug/L	97
23) Bromochloromethane	7.514	128	41279	24.822	ug/L	93
25) Chloroform	7.673	83	179700	25.043	ug/L	99

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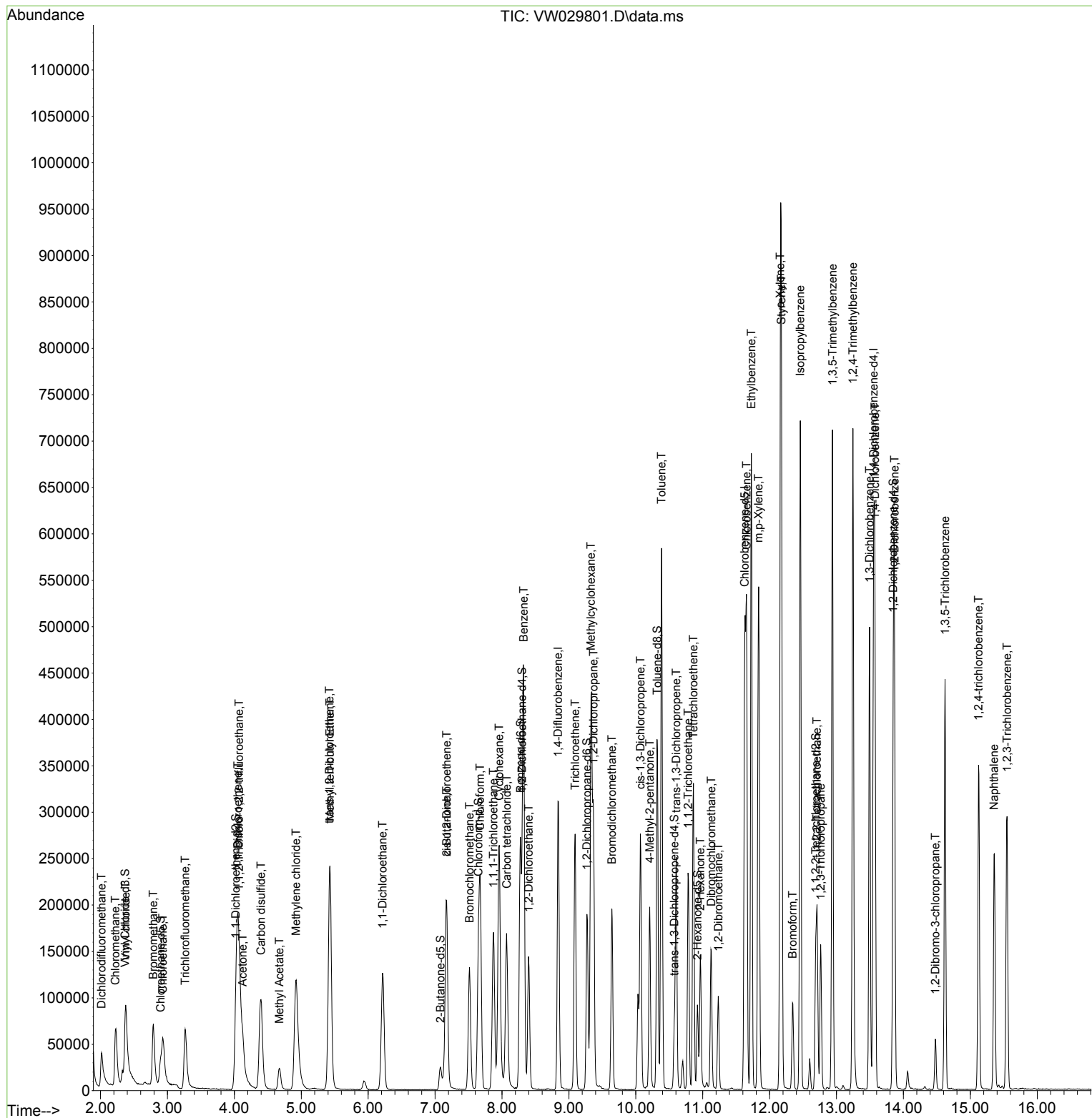
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	131034	25.056	ug/L	98
29) Cyclohexane	7.959	56	151358	23.324	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	135674	23.462	ug/L	99
31) Carbon tetrachloride	8.069	117	123787	23.757	ug/L	100
33) Benzene	8.325	78	380562	24.324	ug/L	100
34) Trichloroethene	9.093	95	97326	23.729	ug/L	95
35) Methylcyclohexane	9.331	83	164151	24.018	ug/L	99
37) 1,2-Dichloropropane	9.367	63	105896	24.698	ug/L	100
38) Bromodichloromethane	9.642	83	126485	24.773	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	154170	24.690	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	133734	49.106	ug/L	100
42) Toluene	10.386	91	400140	25.055	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	128003	24.694	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	70671	24.535	ug/L	97
46) Tetrachloroethene	10.861	164	68206	22.880	ug/L	86
48) 2-Hexanone	10.965	43	91394	44.807	ug/L	98
49) Dibromochloromethane	11.129	129	75240	25.162	ug/L	98
50) 1,2-Dibromoethane	11.233	107	64404	24.165	ug/L	94
51) Chlorobenzene	11.654	112	246028	24.767	ug/L	97
52) Ethylbenzene	11.727	91	450725	25.020	ug/L	98
53) m,p-Xylene	11.837	106	164617	24.847	ug/L	94
54) o-Xylene	12.160	106	155333	25.460	ug/L	100
55) Styrene	12.178	104	272094	25.729	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	83853	23.718	ug/L #	99
59) Bromoform	12.343	173	40570	23.269	ug/L	97
60) Isopropylbenzene	12.458	105	430435	24.006	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63441	22.511	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	352342	26.437	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	372184	26.112	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	182876	23.905	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	185361	23.589	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	162695	23.360	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14076	21.998	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	119459	22.823	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	99594	22.586	ug/L	94
71) Naphthalene	15.354	128	204073	24.255	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	87418	21.903	ug/L	90

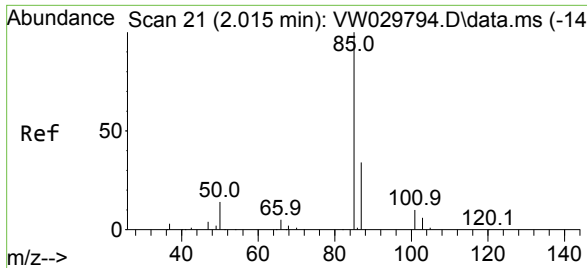
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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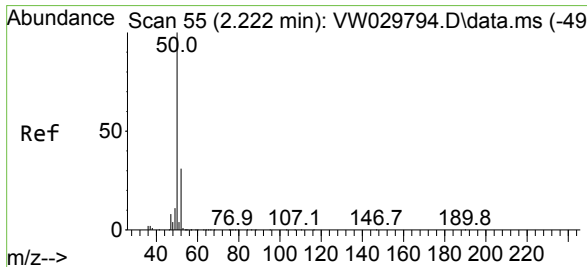
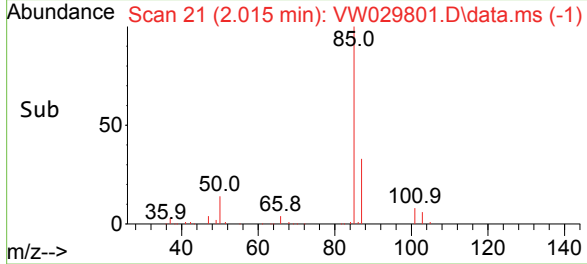
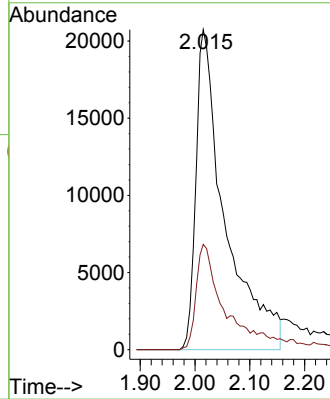
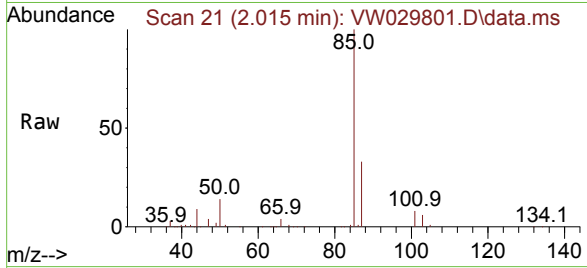




#2
 Dichlorodifluoromethane
 Concen: 23.128 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029801.D
 Acq: 30 Jul 2024 14:40

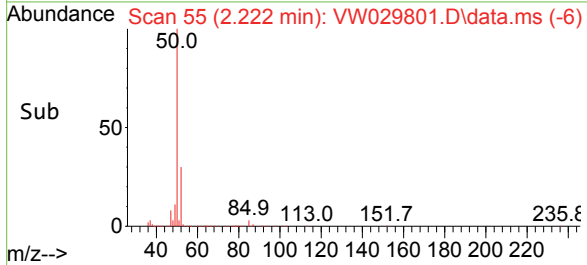
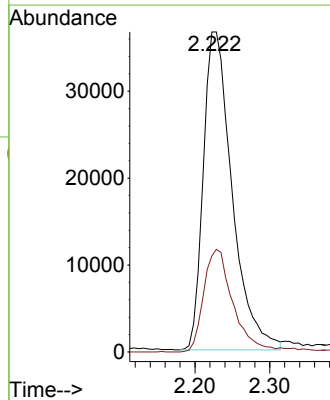
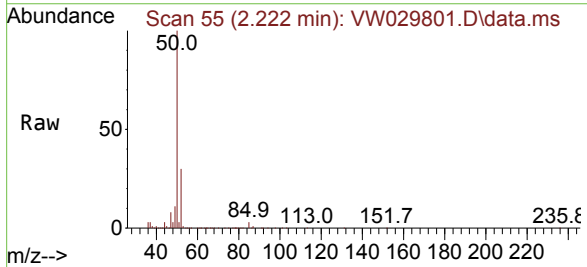
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 ClientSampleId :
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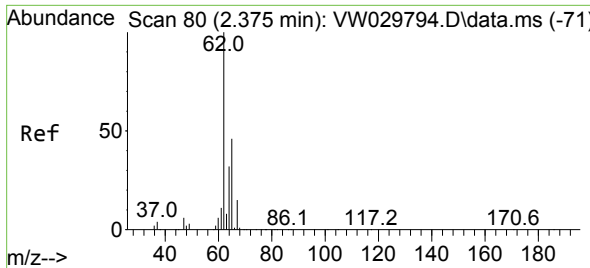
Tgt Ion: 85 Resp: 76472
 Ion Ratio Lower Upper
 85 100
 87 22.9 25.5 38.3#



#3
 Chloromethane
 Concen: 24.013 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029801.D
 Acq: 30 Jul 2024 14:40

Tgt Ion: 50 Resp: 98251
 Ion Ratio Lower Upper
 50 100
 52 30.1 22.5 41.9

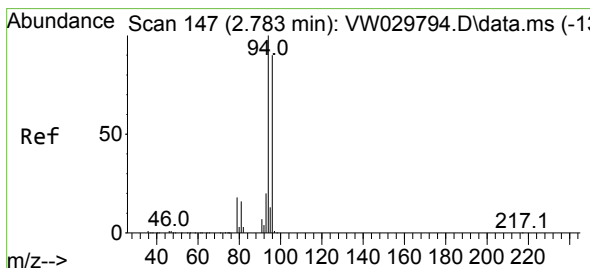
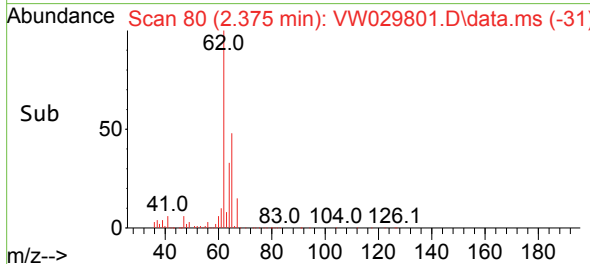
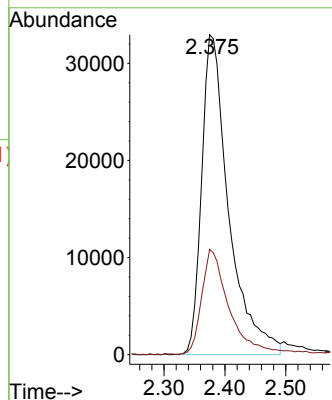
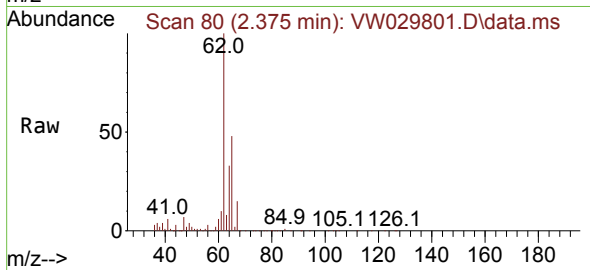




#5
 Vinyl chloride
 Concen: 22.244 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029801.D
 Acq: 30 Jul 2024 14:40

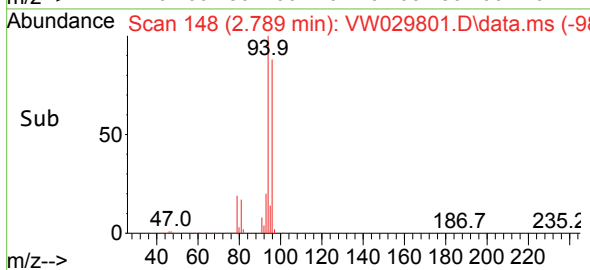
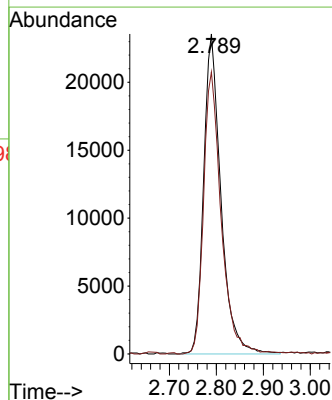
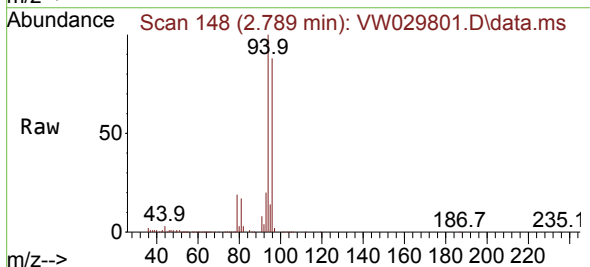
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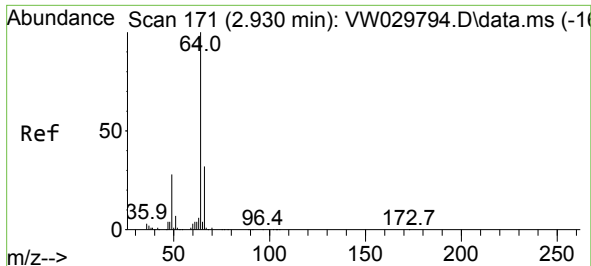
Tgt Ion: 62 Resp: 101978
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2



#6
 Bromomethane
 Concen: 23.816 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW029801.D
 Acq: 30 Jul 2024 14:40

Tgt Ion: 94 Resp: 59954
 Ion Ratio Lower Upper
 94 100
 96 88.1 66.2 123.0

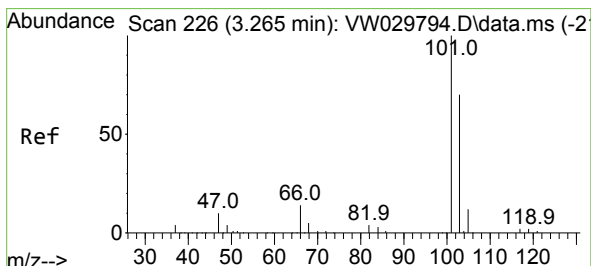
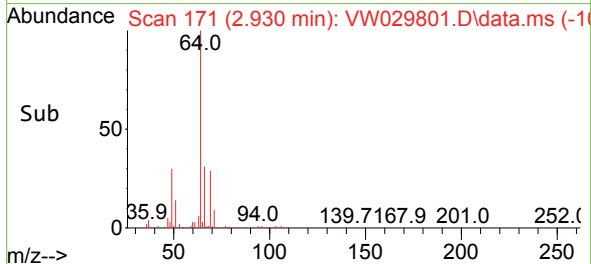
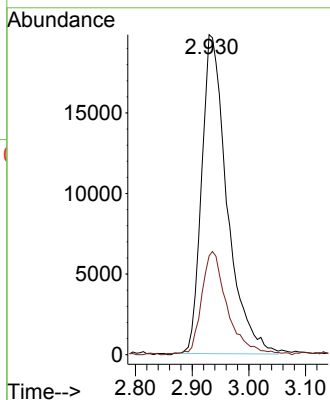
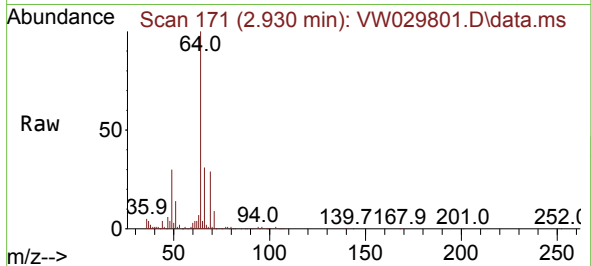




#8
Chloroethane
Concen: 23.625 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029801.D
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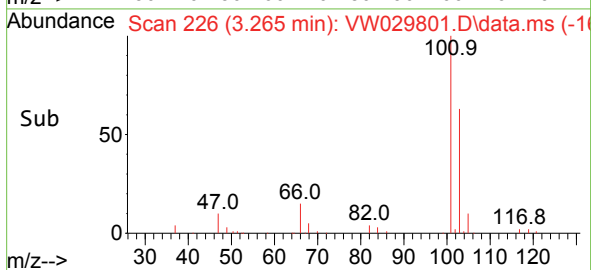
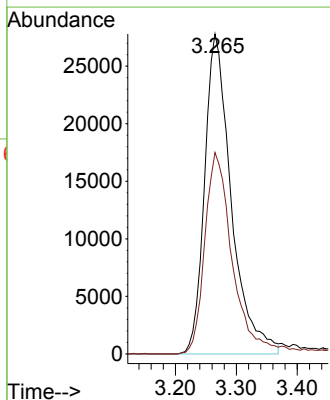
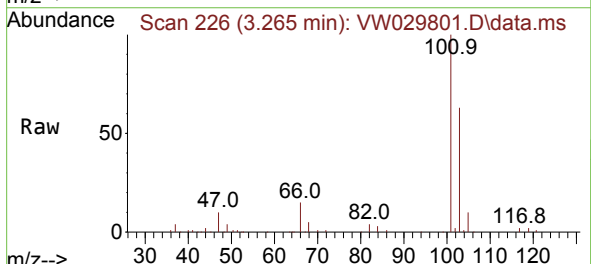
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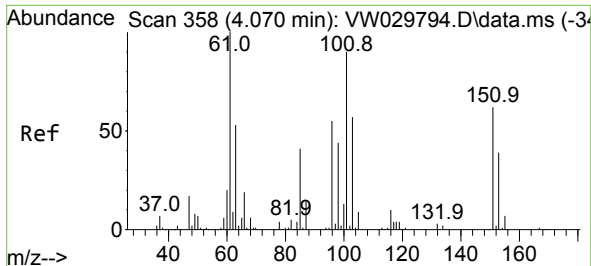
Tgt Ion: 64 Resp: 61615
Ion Ratio Lower Upper
64 100
66 30.8 21.2 39.4



#9
Trichlorofluoromethane
Concen: 23.102 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion: 101 Resp: 84597
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

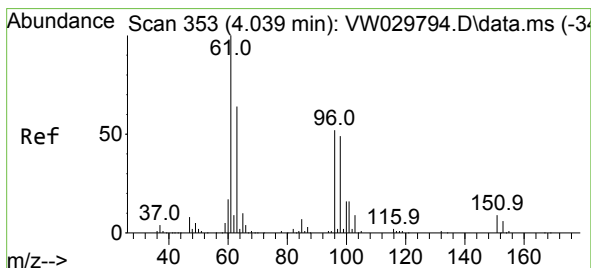
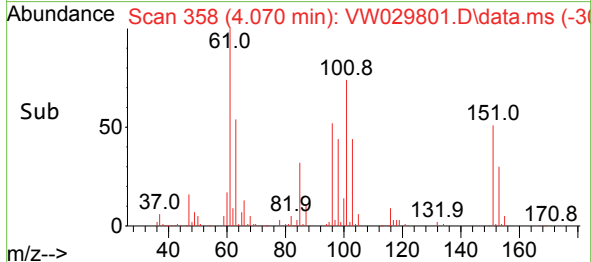
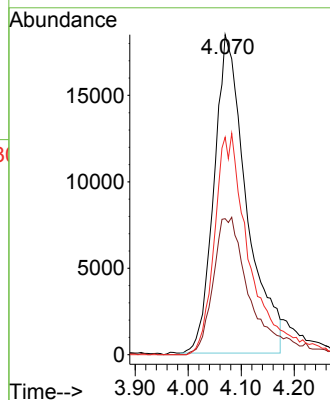
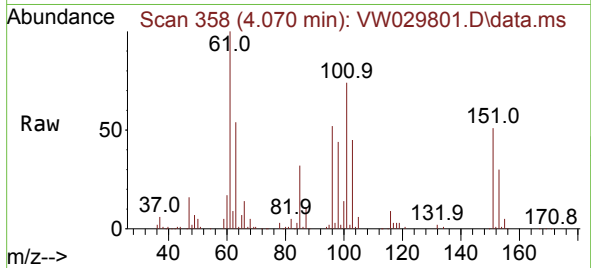




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.451 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW029801.D
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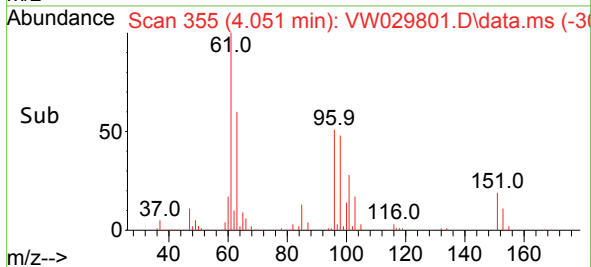
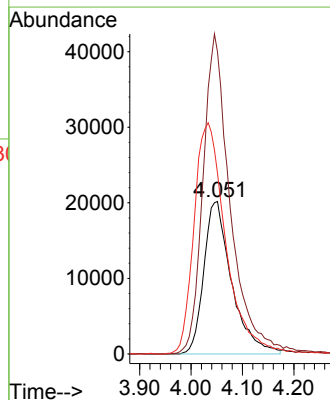
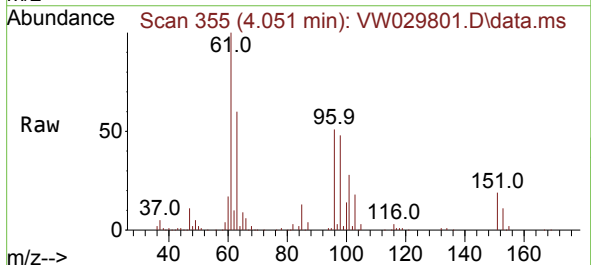
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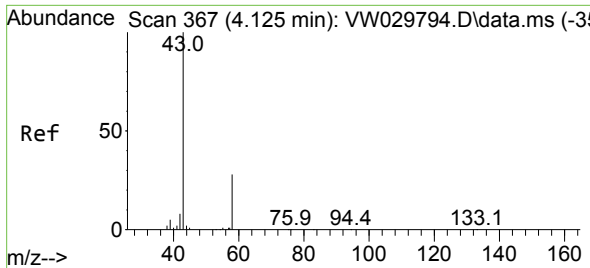
Tgt Ion:101 Resp: 78235
 Ion Ratio Lower Upper
 101 100
 85 21.6 34.2 51.4#
 151 31.6 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 22.652 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.012 min
 Lab File: VW029801.D
 Acq: 30 Jul 2024 14:40

Tgt Ion: 96 Resp: 75911
 Ion Ratio Lower Upper
 96 100
 61 198.0 138.3 256.9
 63 118.7 89.0 165.4

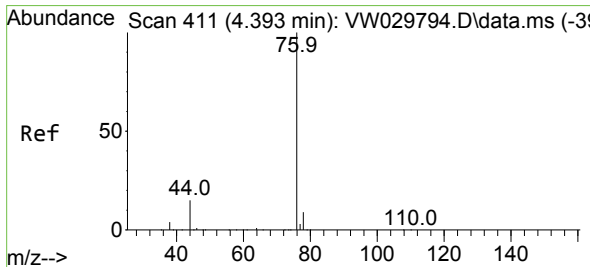
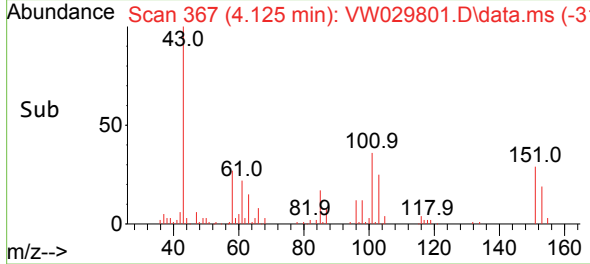
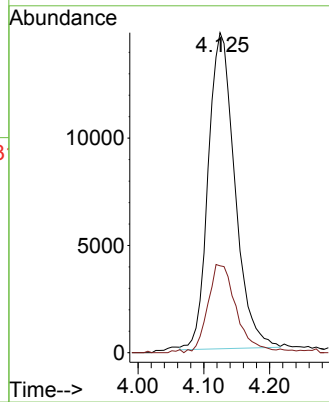
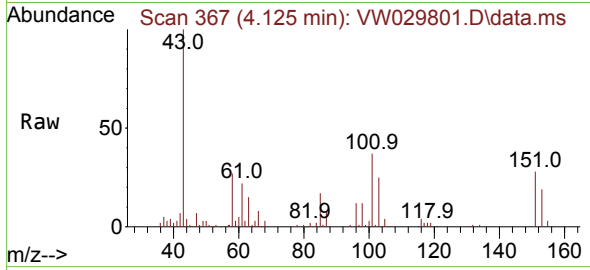




#13
Acetone
Concen: 35.017 ug/L
RT: 4.125 min Scan# 30
Delta R.T. -0.000 min
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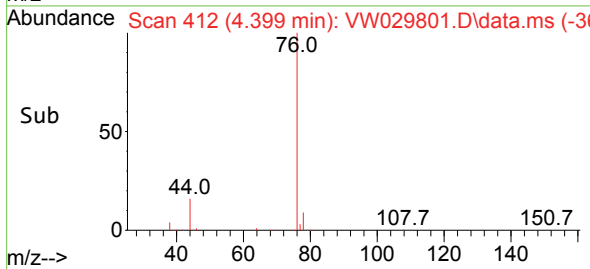
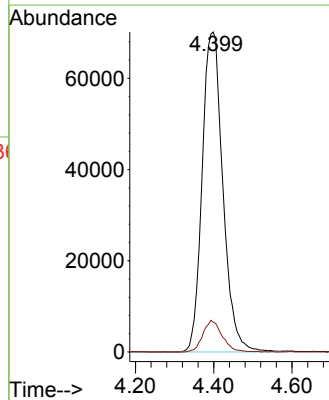
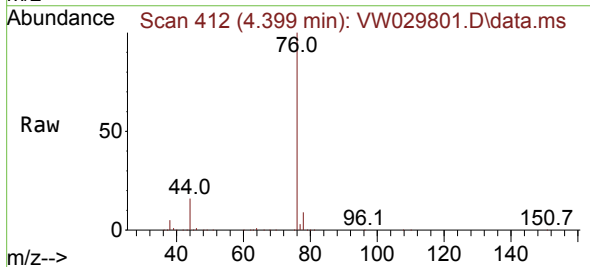
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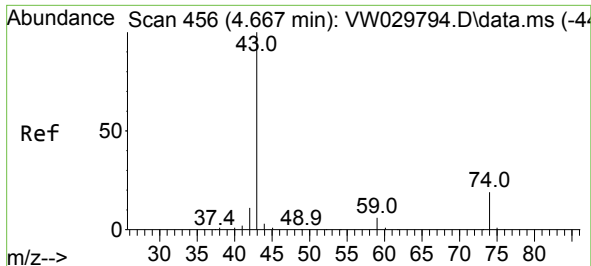
Tgt Ion: 43 Resp: 41537
Ion Ratio Lower Upper
43 100
58 29.7 0.0 57.6



#14
Carbon disulfide
Concen: 23.112 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion: 76 Resp: 257744
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

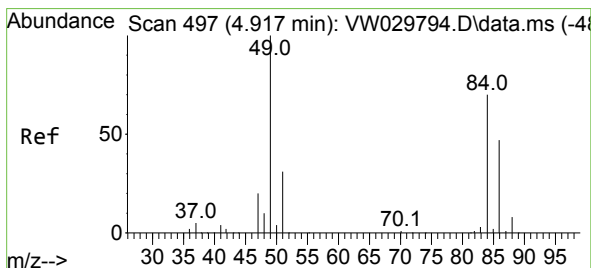
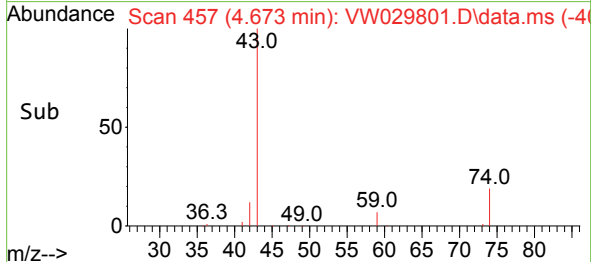
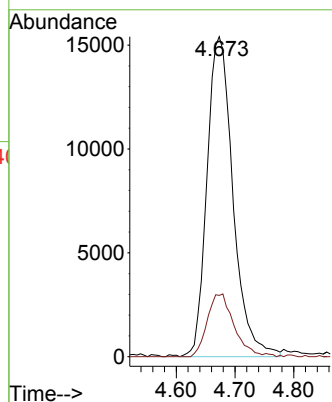
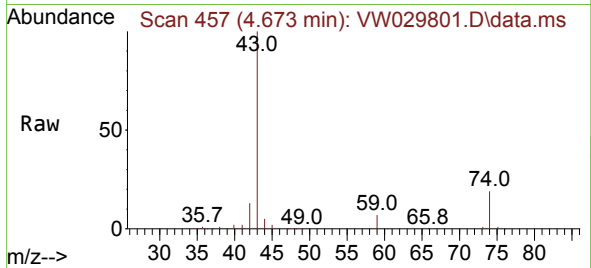




#15
Methyl Acetate
Concen: 24.005 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

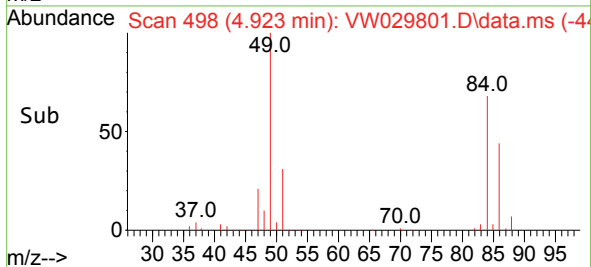
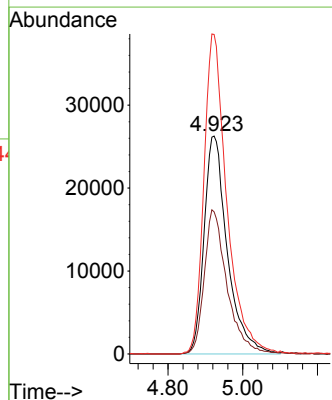
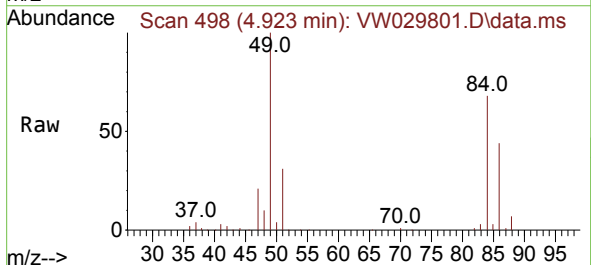
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

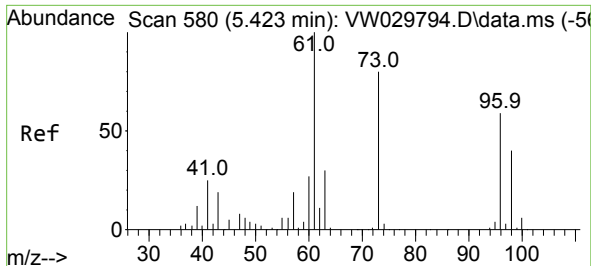
Tgt Ion: 43 Resp: 47427
Ion Ratio Lower Upper
43 100
74 20.0 16.5 24.7



#16
Methylene chloride
Concen: 22.121 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion: 84 Resp: 113439
Ion Ratio Lower Upper
84 100
86 65.2 44.7 82.9
49 146.7 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 24.006 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

Instrument :

MSVOA_W

ClientSampleId :

E20N1MSD

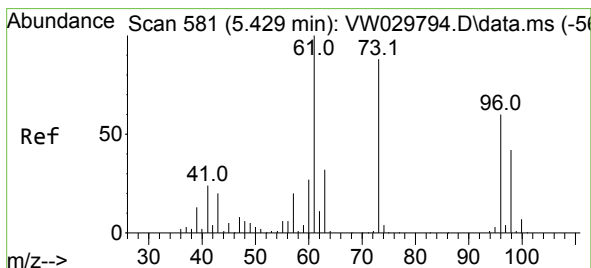
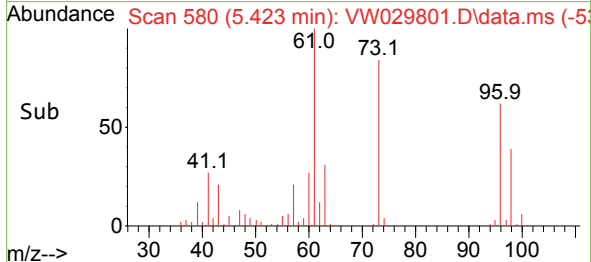
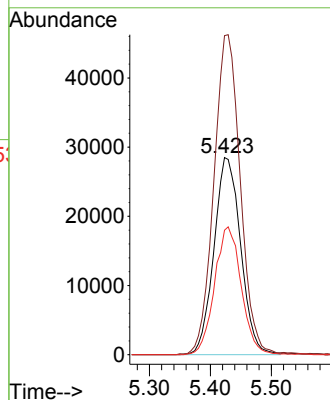
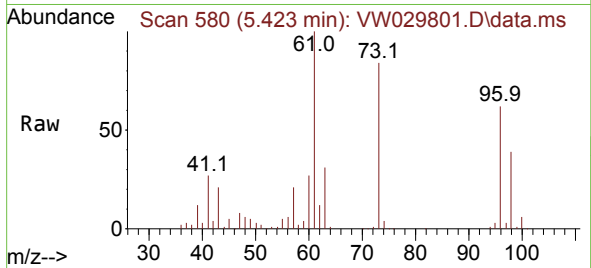
Tgt Ion: 96 Resp: 86691

Ion Ratio Lower Upper

96 100

61 161.9 111.2 206.6

98 63.1 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 24.002 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

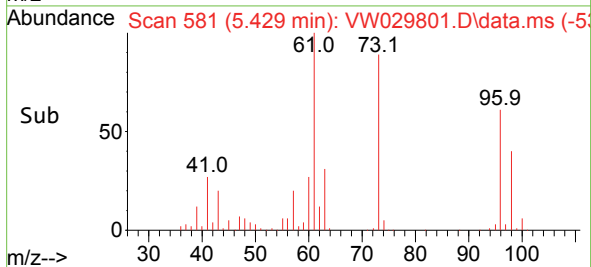
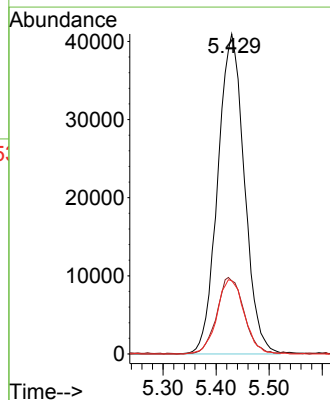
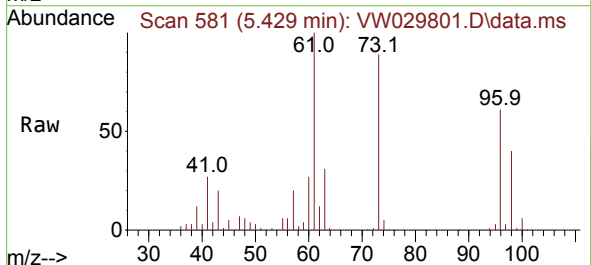
Tgt Ion: 73 Resp: 142857

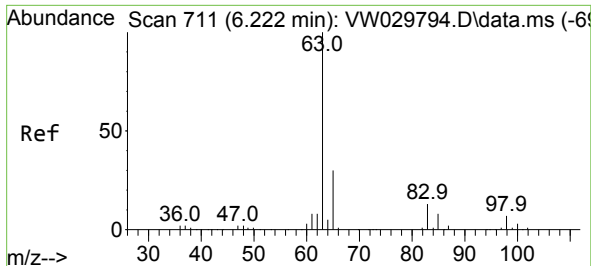
Ion Ratio Lower Upper

73 100

43 24.4 18.3 27.5

57 23.8 17.9 26.9

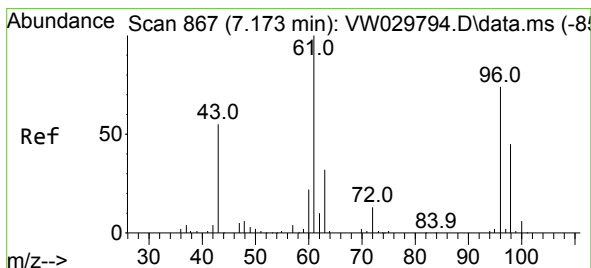
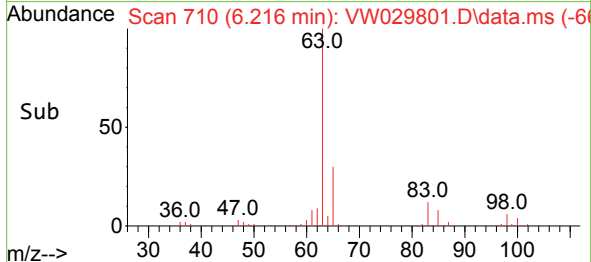
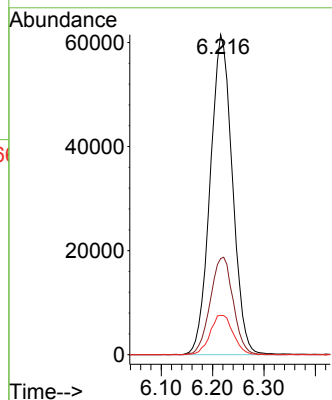
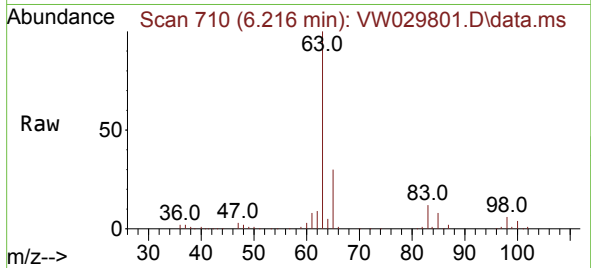




#19
1,1-Dichloroethane
Concen: 24.230 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

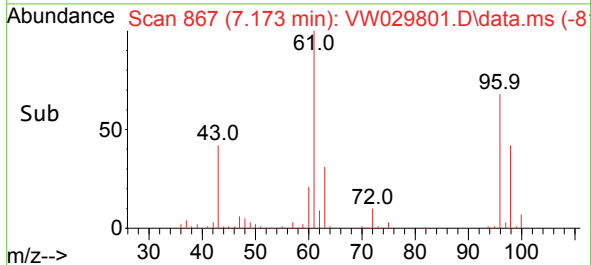
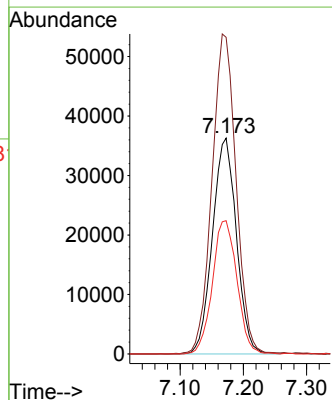
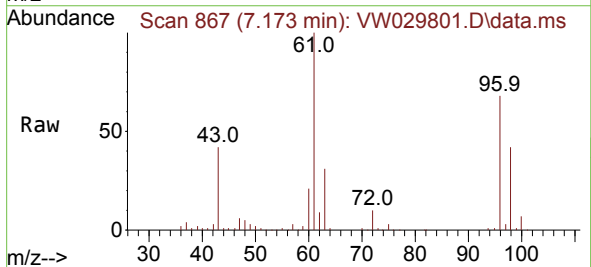
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

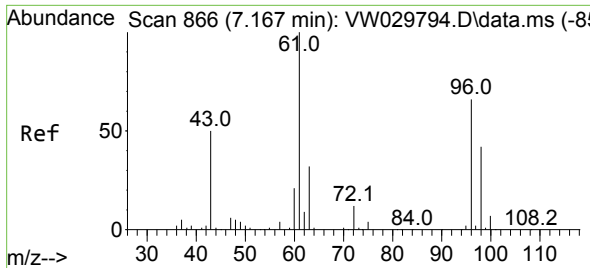
Tgt Ion: 63 Resp: 184545
Ion Ratio Lower Upper
63 100
65 30.1 22.3 41.3
83 12.3 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 24.402 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion: 96 Resp: 95587
Ion Ratio Lower Upper
96 100
61 146.7 98.2 182.4
98 61.8 41.9 77.9

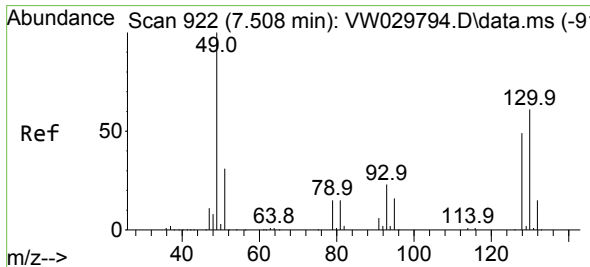
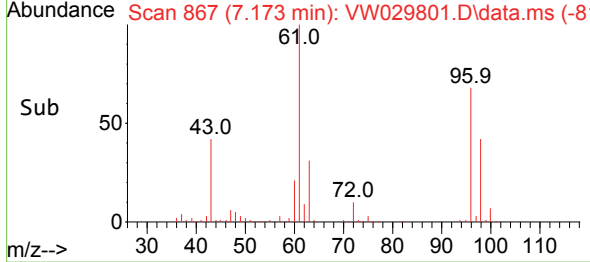
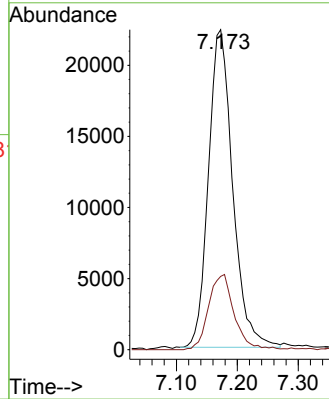
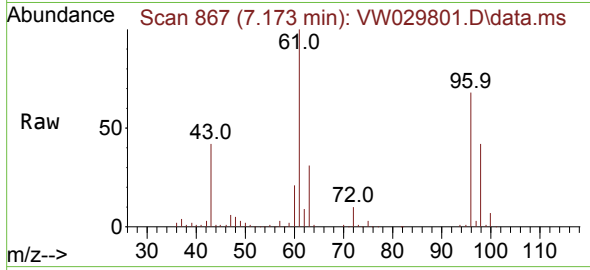




#22
2-Butanone
Concen: 40.641 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

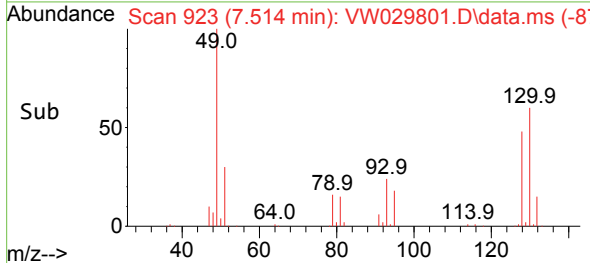
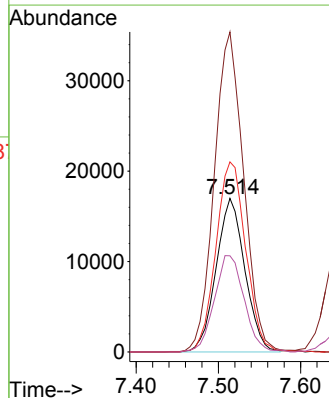
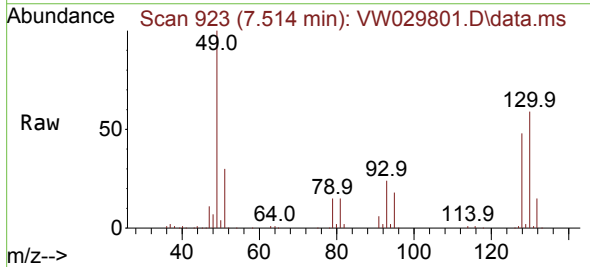
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

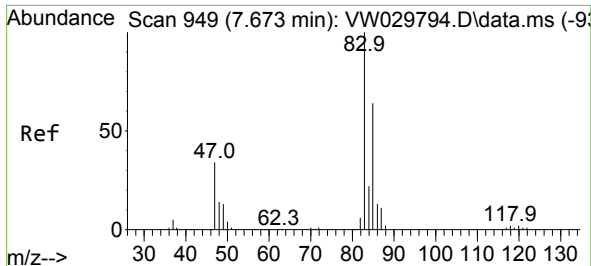
Tgt Ion: 43 Resp: 61769
Ion Ratio Lower Upper
43 100
72 24.7 11.7 35.1



#23
Bromochloromethane
Concen: 24.822 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion: 128 Resp: 41279
Ion Ratio Lower Upper
128 100
49 208.4 151.1 280.7
130 123.8 96.8 179.8
51 62.7 54.6 82.0

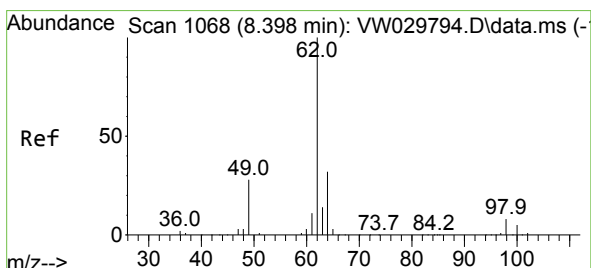
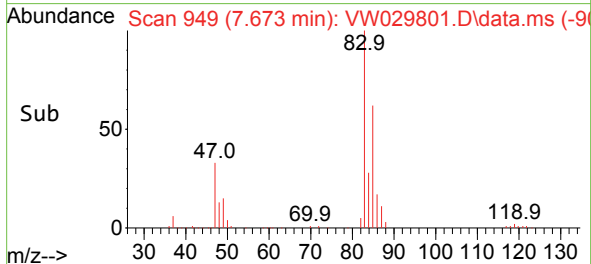
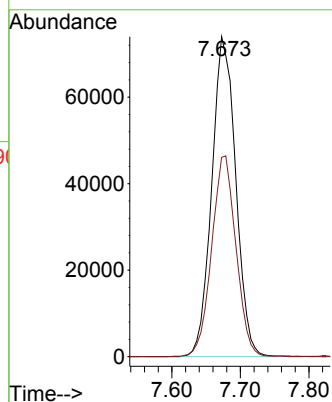
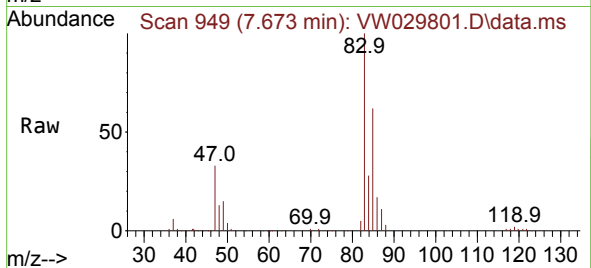




#25
Chloroform
Concen: 25.043 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

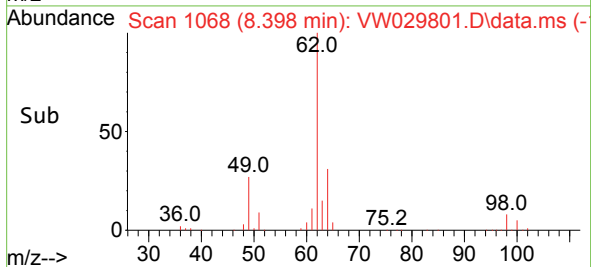
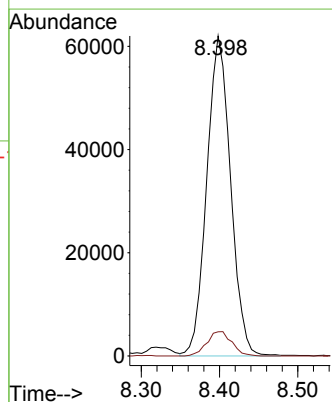
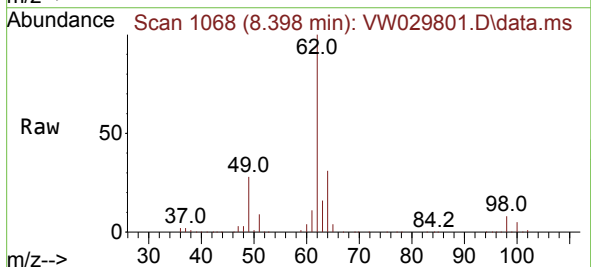
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

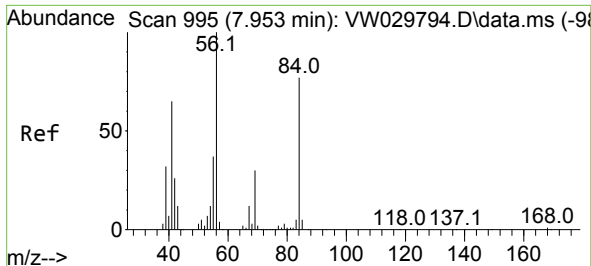
Tgt Ion: 83 Resp: 179700
Ion Ratio Lower Upper
83 100
85 62.3 44.4 82.4



#27
1,2-Dichloroethane
Concen: 25.056 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion: 62 Resp: 131034
Ion Ratio Lower Upper
62 100
98 7.6 6.6 10.0





#29

Cyclohexane

Concen: 23.324 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

Instrument :

MSVOA_W

ClientSampleId :

E20N1MSD

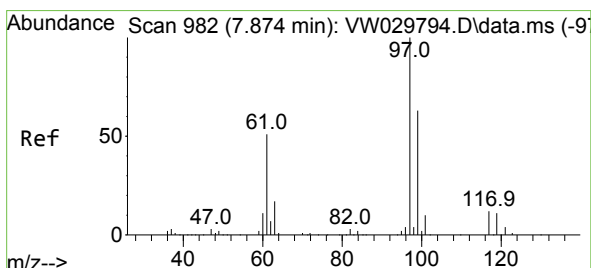
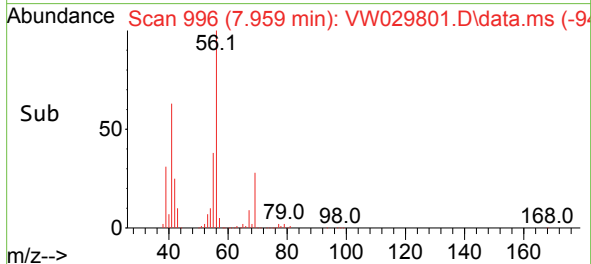
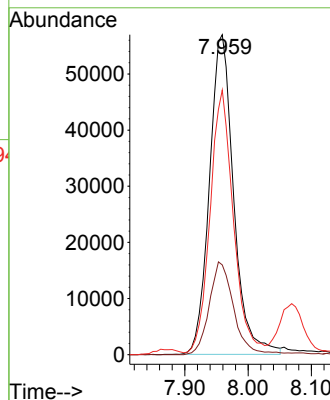
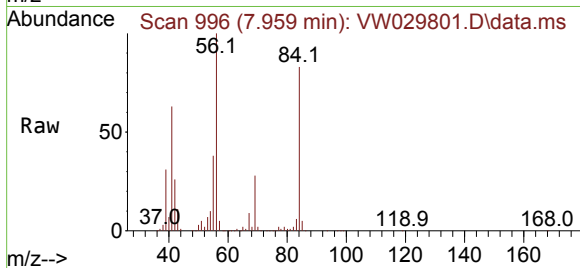
Tgt Ion: 56 Resp: 151358

Ion Ratio Lower Upper

56 100

69 29.3 23.0 34.4

84 80.0 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 23.462 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

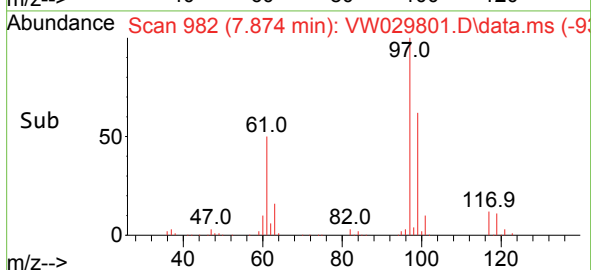
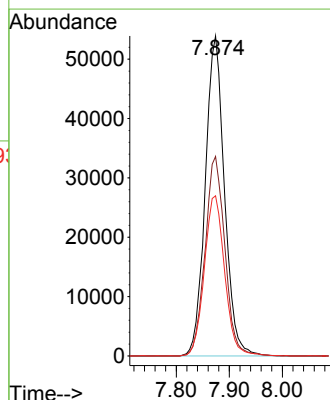
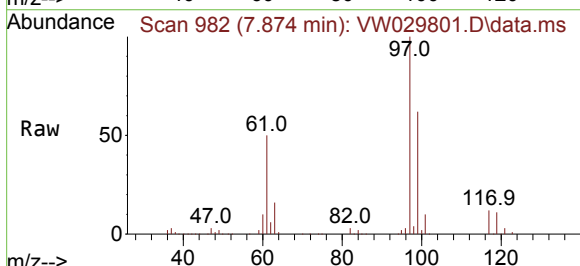
Tgt Ion: 97 Resp: 135674

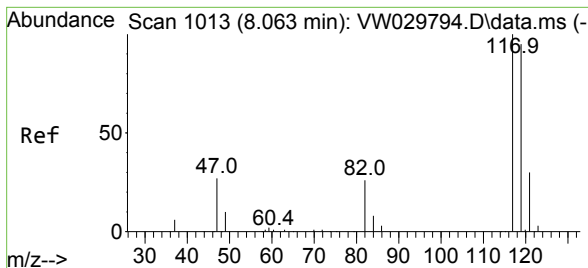
Ion Ratio Lower Upper

97 100

99 64.3 52.1 78.1

61 53.1 42.6 63.8

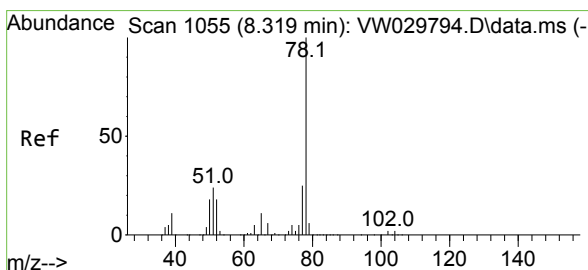
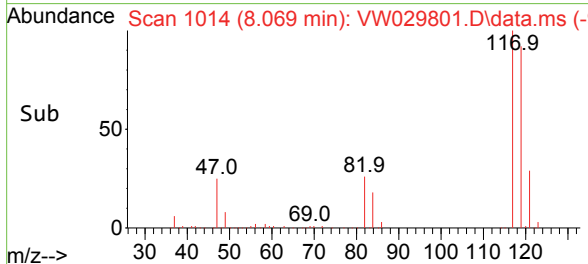
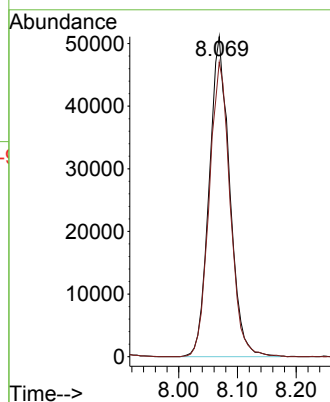
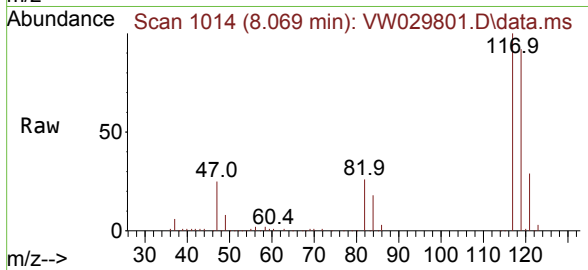




#31
Carbon tetrachloride
Concen: 23.757 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

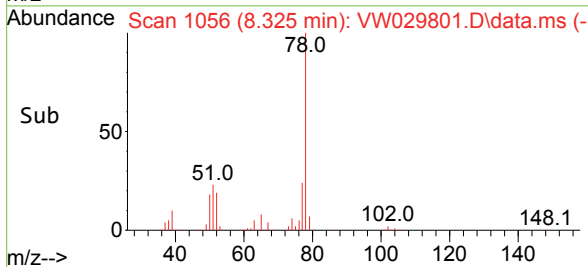
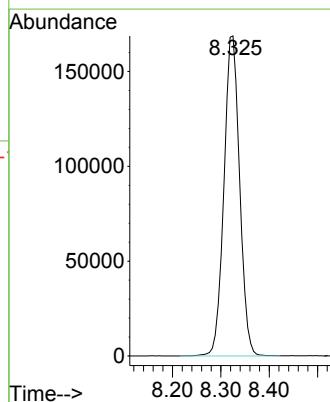
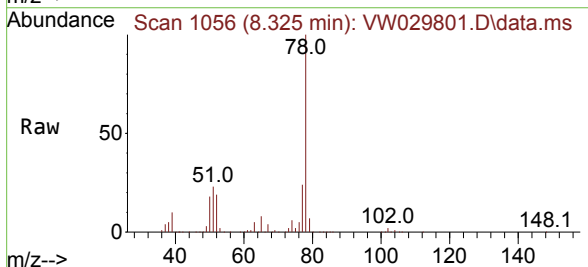
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

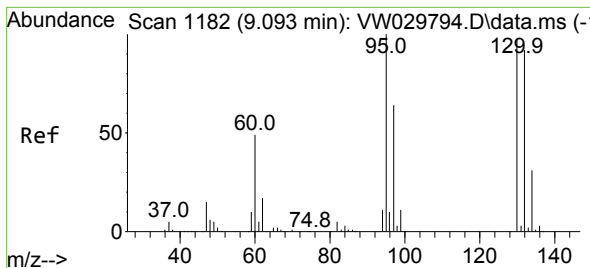
Tgt Ion:117 Resp: 123787
Ion Ratio Lower Upper
117 100
119 93.6 74.8 112.2



#33
Benzene
Concen: 24.324 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion: 78 Resp: 380562





#34

Trichloroethene

Concen: 23.729 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

Instrument :

MSVOA_W

ClientSampleId :

E20N1MSD

Tgt Ion: 95 Resp: 97326

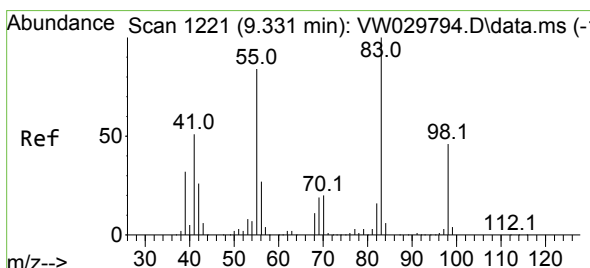
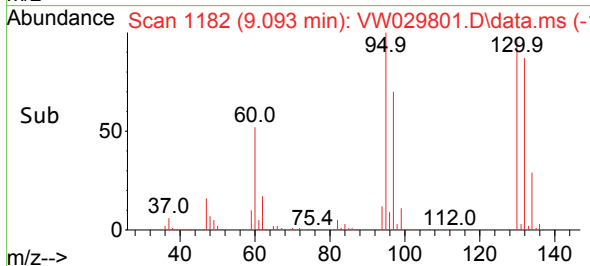
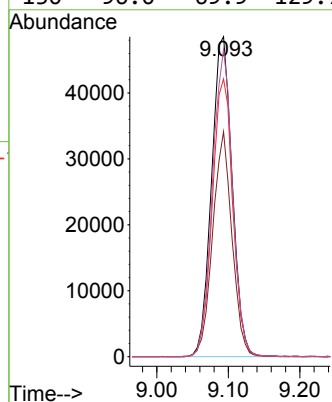
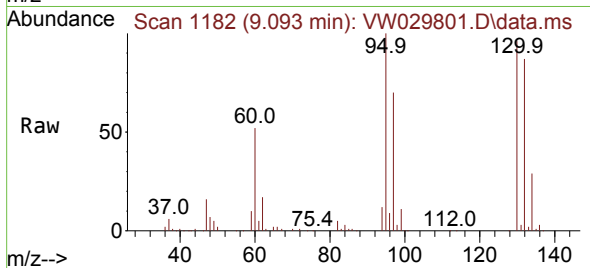
Ion Ratio Lower Upper

95 100

97 70.3 45.6 84.8

132 86.8 65.2 121.0

130 96.0 69.9 129.7



#35

Methylcyclohexane

Concen: 24.018 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

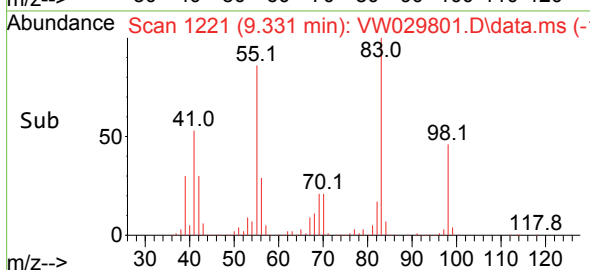
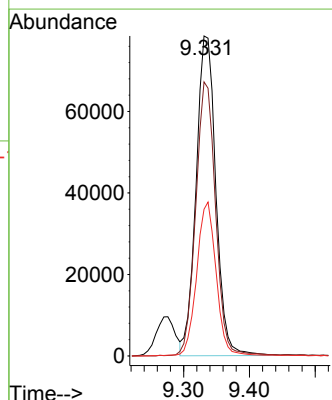
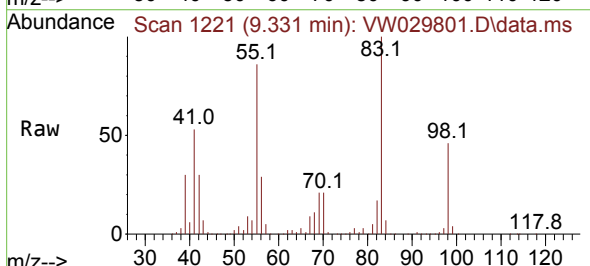
Tgt Ion: 83 Resp: 164151

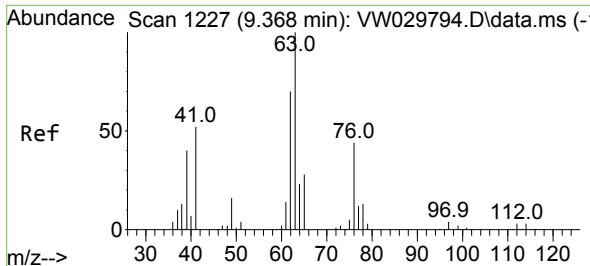
Ion Ratio Lower Upper

83 100

55 85.8 67.4 101.2

98 46.5 36.7 55.1

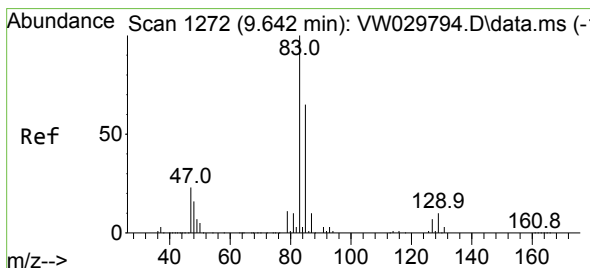
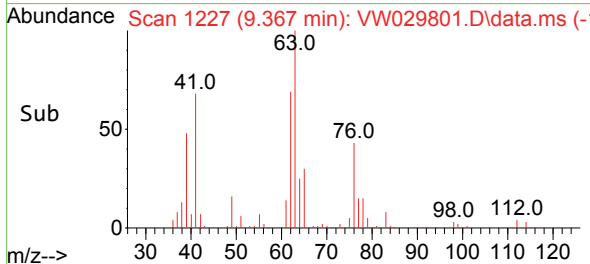
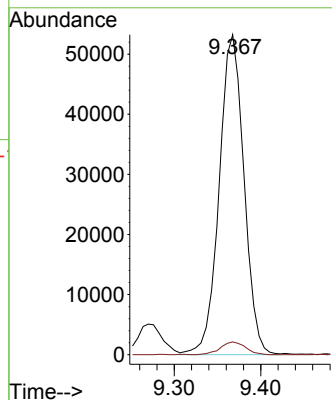
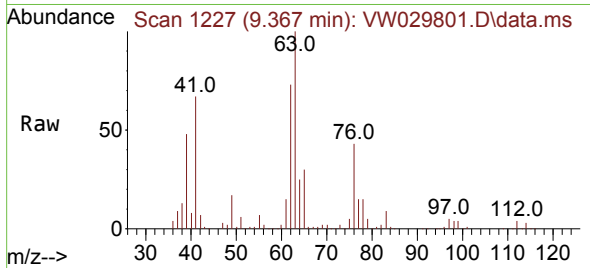




#37
1,2-Dichloropropane
Concen: 24.698 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

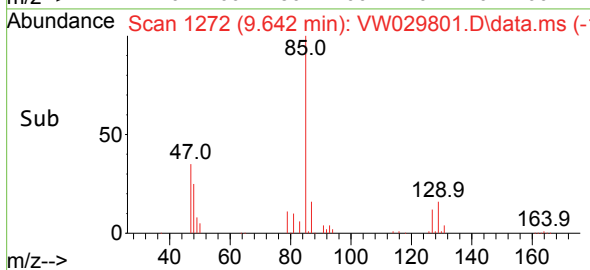
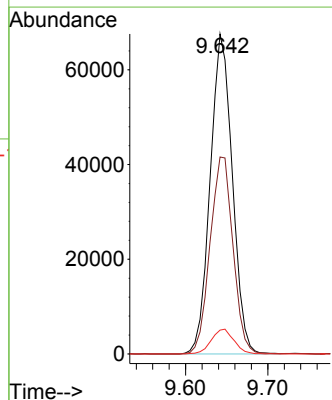
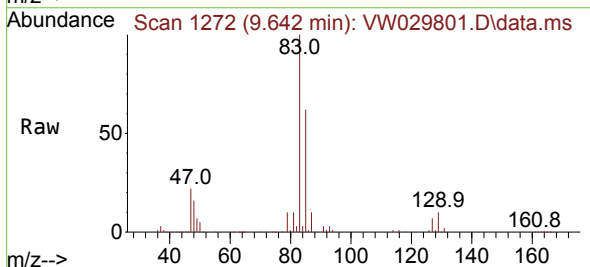
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

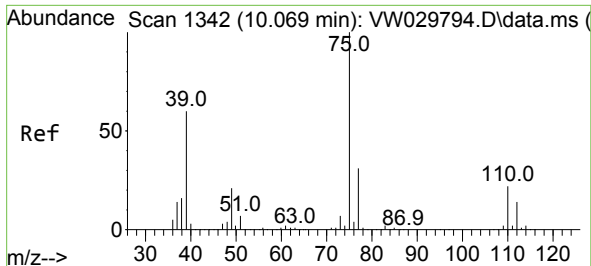
Tgt Ion: 63 Resp: 105896
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 24.773 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion: 83 Resp: 126485
Ion Ratio Lower Upper
83 100
85 61.5 46.6 86.6
127 7.5 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 24.690 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

Instrument :

MSVOA_W

ClientSampleId :

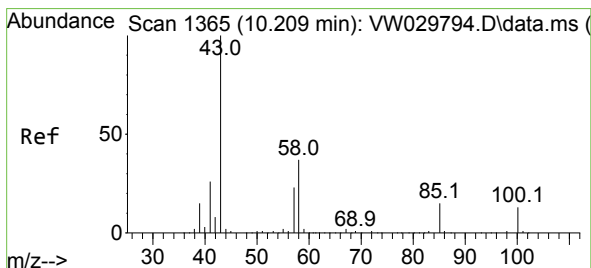
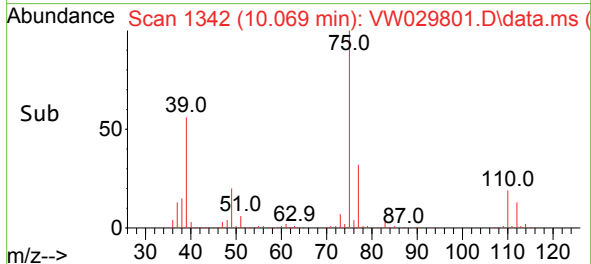
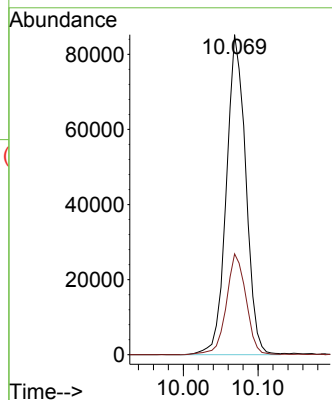
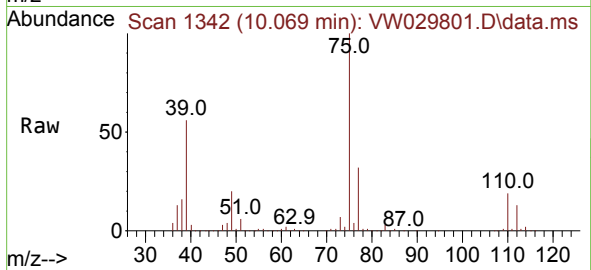
E20N1MSD

Tgt Ion: 75 Resp: 154170

Ion Ratio Lower Upper

75 100

77 31.5 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 49.106 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

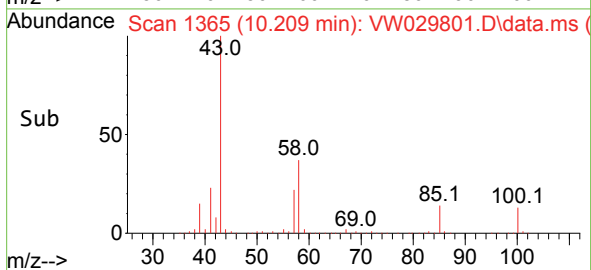
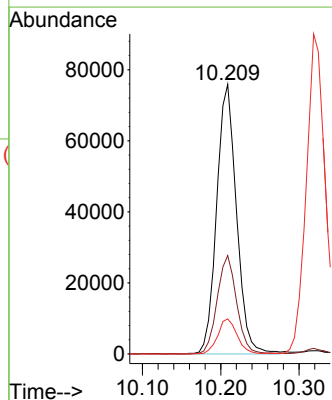
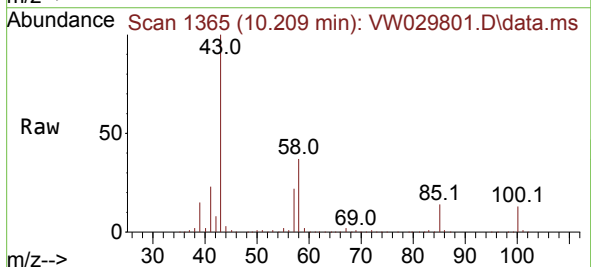
Tgt Ion: 43 Resp: 133734

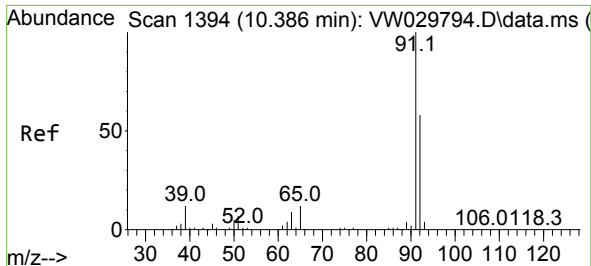
Ion Ratio Lower Upper

43 100

58 36.1 28.7 43.1

100 12.5 10.0 15.0

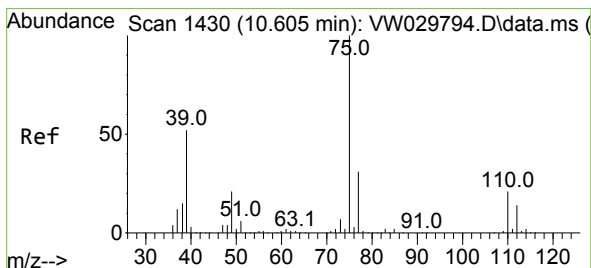
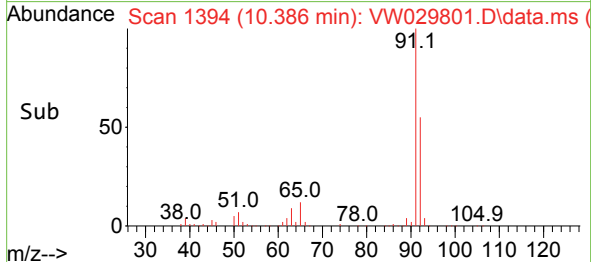
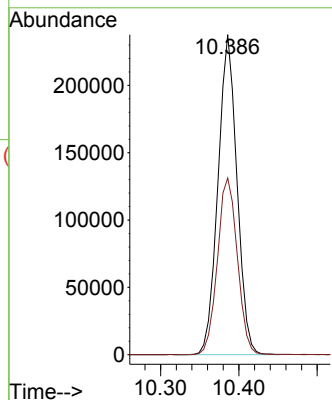
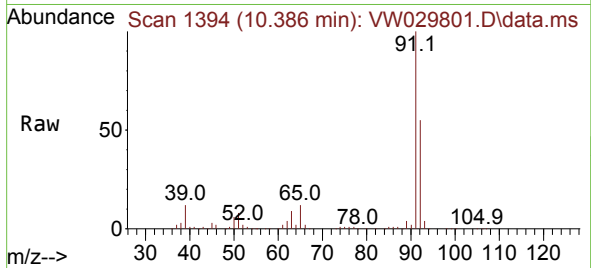




#42
Toluene
Concen: 25.055 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

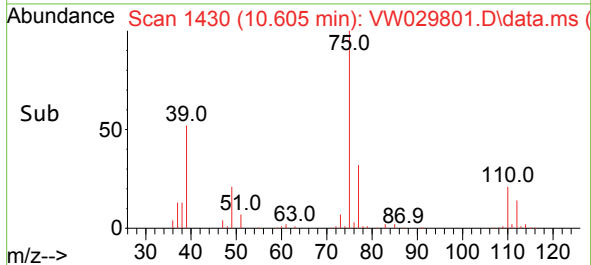
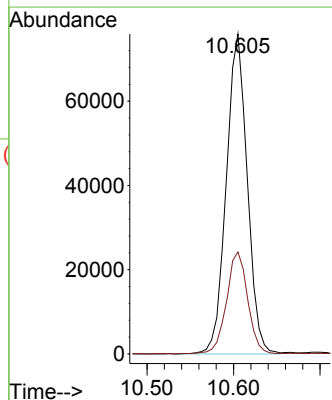
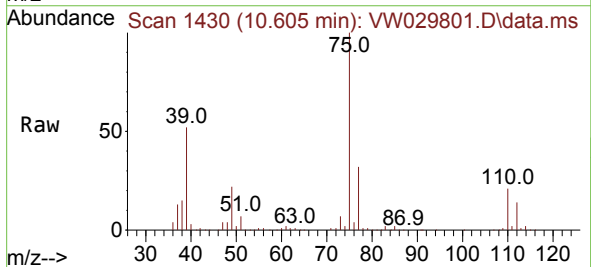
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

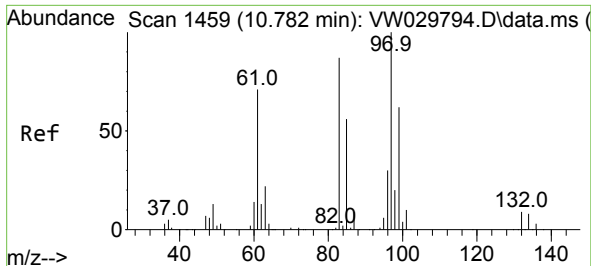
Tgt Ion: 91 Resp: 400140
Ion Ratio Lower Upper
91 100
92 55.2 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 24.694 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion: 75 Resp: 128003
Ion Ratio Lower Upper
75 100
77 31.9 22.0 41.0

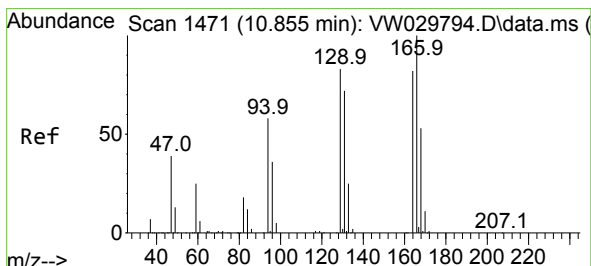
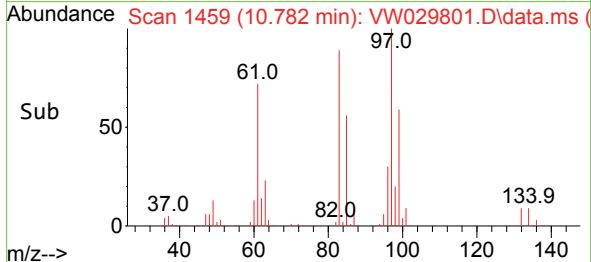
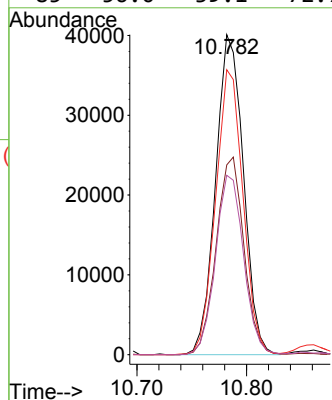
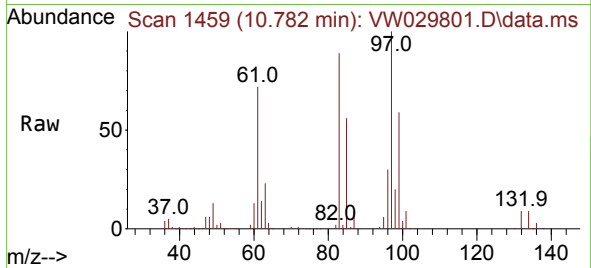




#45
1,1,2-Trichloroethane
Concen: 24.535 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

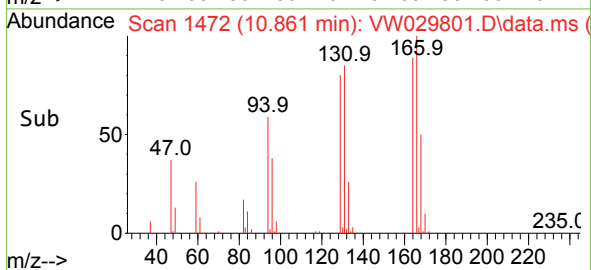
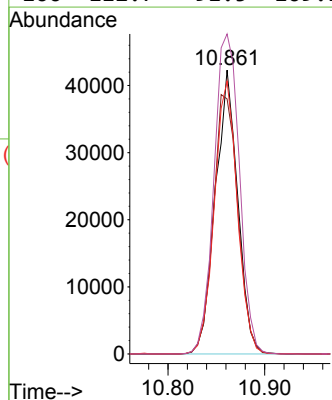
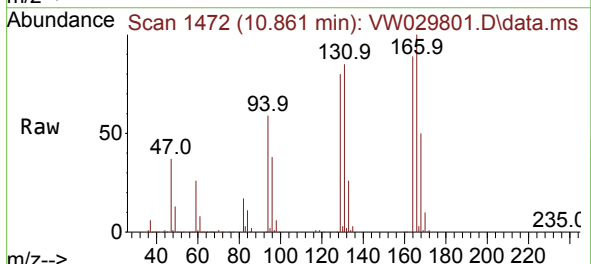
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

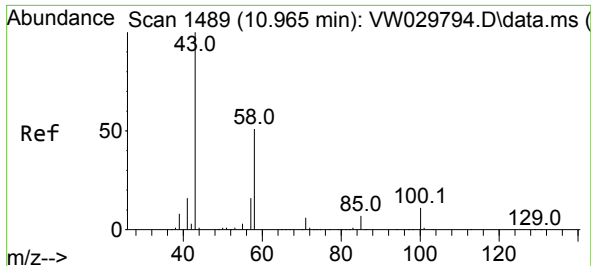
Tgt Ion: 97	Resp: 70671
Ion Ratio	Lower Upper
97 100	
99 59.3	40.1 74.5
83 89.1	58.5 108.7
85 56.0	39.1 72.7



#46
Tetrachloroethene
Concen: 22.880 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt	Ion:164	Resp:	68206
Ion	Ratio	Lower	Upper
164	100		
129	89.9	77.8	144.6
131	96.1	70.9	131.7
166	112.7	91.5	169.9

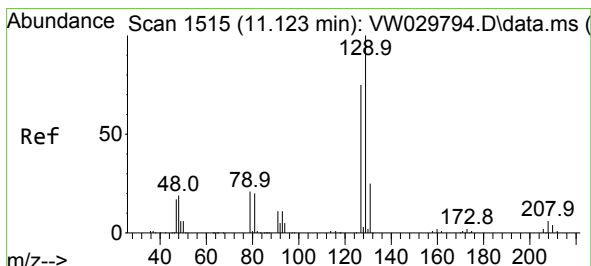
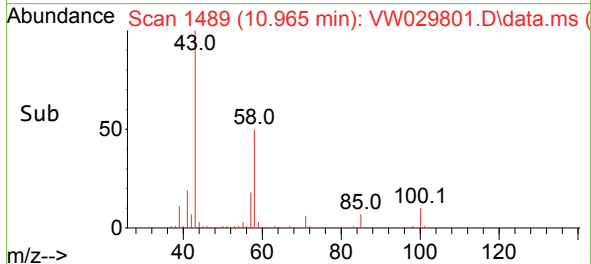
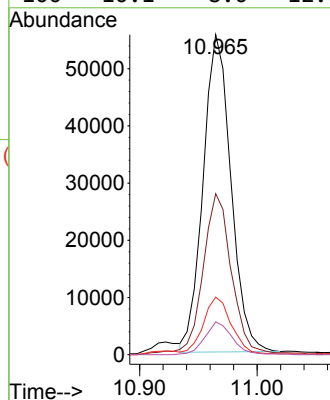
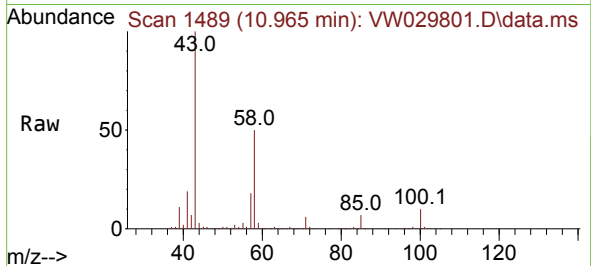




#48
2-Hexanone
Concen: 44.807 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

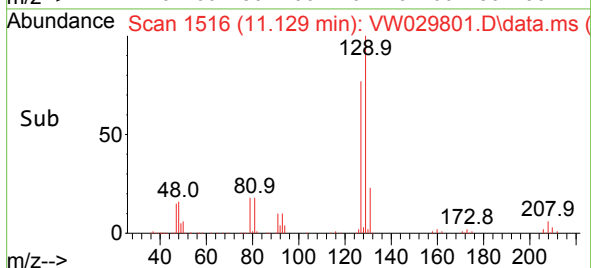
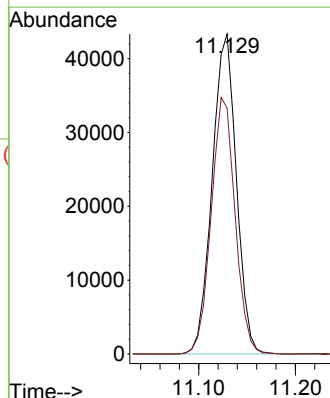
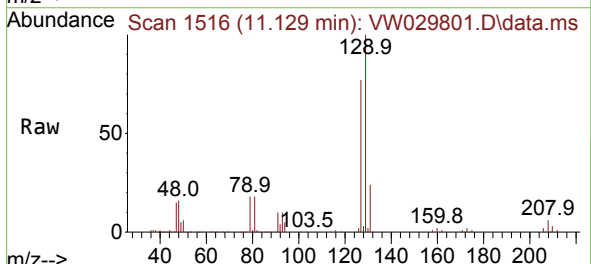
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

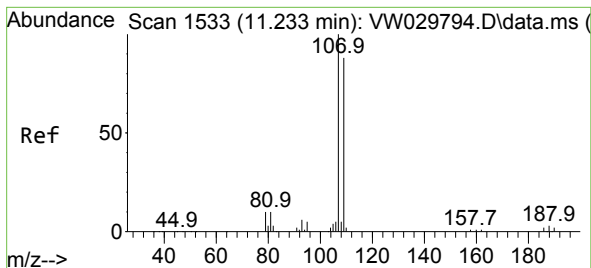
Tgt Ion: 43	Resp:	91394
Ion	Ratio	Lower Upper
43	100	
58	52.3	41.0 61.4
57	18.7	14.1 21.1
100	10.1	8.0 12.0



#49
Dibromochloromethane
Concen: 25.162 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion: 129	Resp:	75240
Ion	Ratio	Lower Upper
129	100	
127	76.9	52.4 97.2

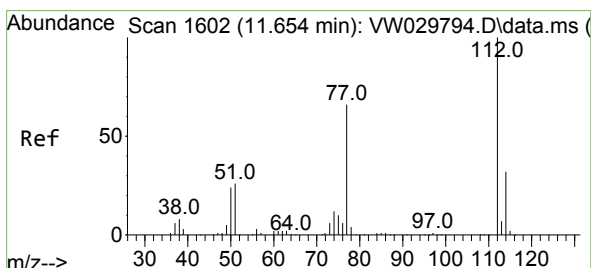
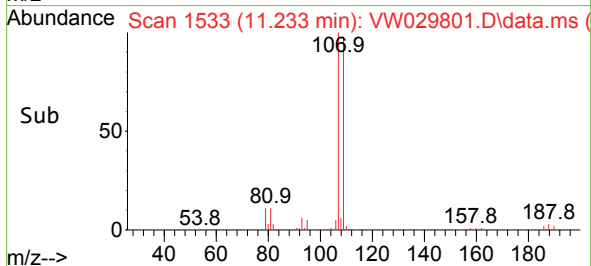
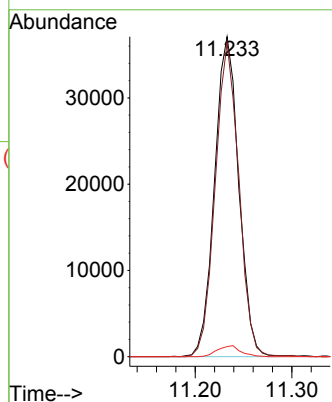
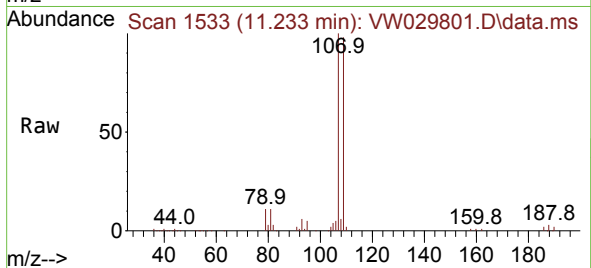




#50
1,2-Dibromoethane
Concen: 24.165 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

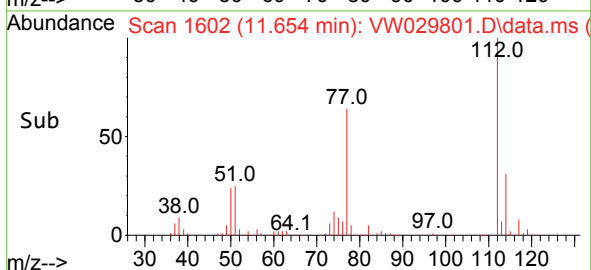
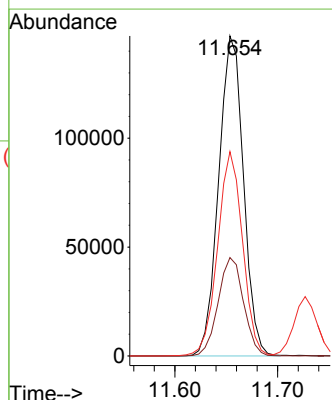
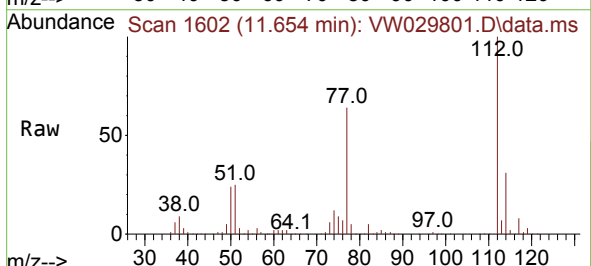
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

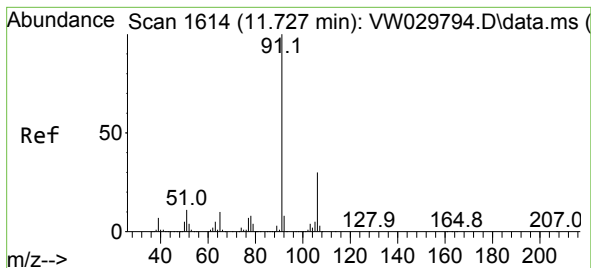
Tgt Ion:107 Resp: 64404
Ion Ratio Lower Upper
107 100
109 98.0 64.8 120.3
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 24.767 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion:112 Resp: 246028
Ion Ratio Lower Upper
112 100
114 30.7 22.0 40.8
77 63.8 53.8 80.8





#52

Ethylbenzene

Concen: 25.020 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

Instrument :

MSVOA_W

ClientSampleId :

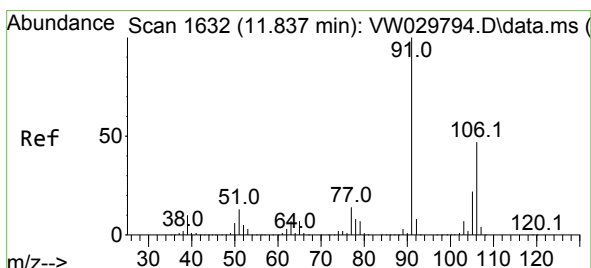
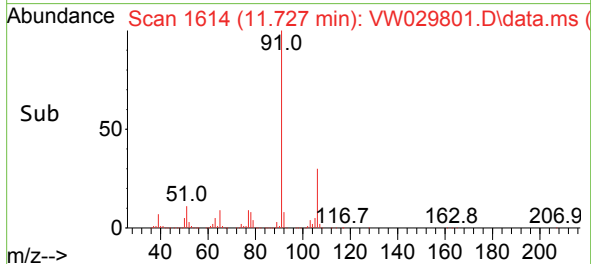
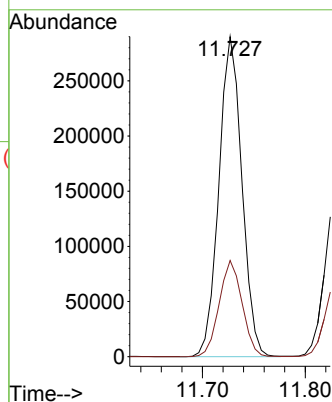
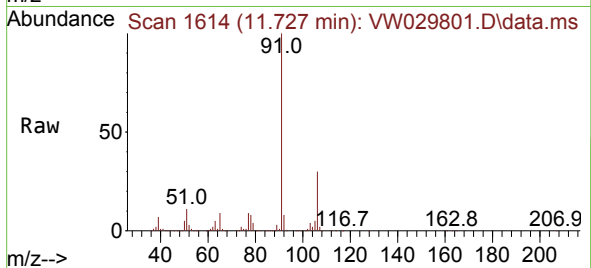
E20N1MSD

Tgt Ion: 91 Resp: 450725

Ion Ratio Lower Upper

91 100

106 30.0 20.4 38.0



#53

m,p-Xylene

Concen: 24.847 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029801.D

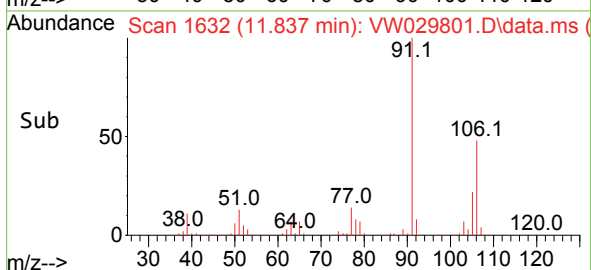
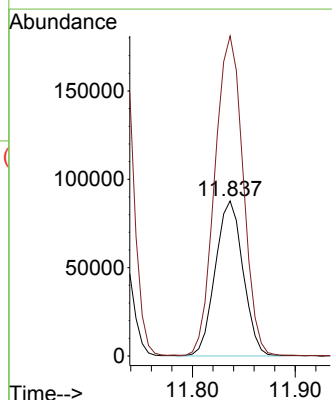
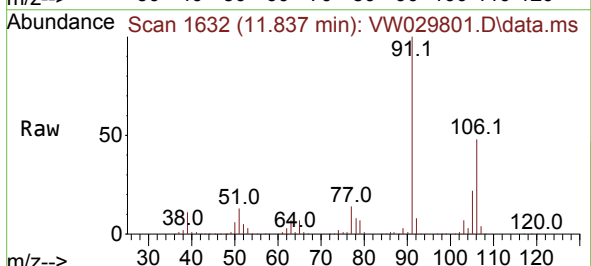
Acq: 30 Jul 2024 14:40

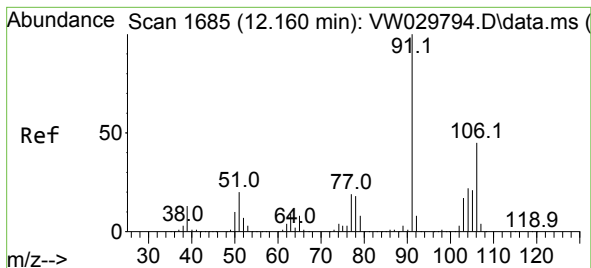
Tgt Ion:106 Resp: 164617

Ion Ratio Lower Upper

106 100

91 206.3 151.4 281.2





#54

o-Xylene

Concen: 25.460 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

Instrument :

MSVOA_W

ClientSampleId :

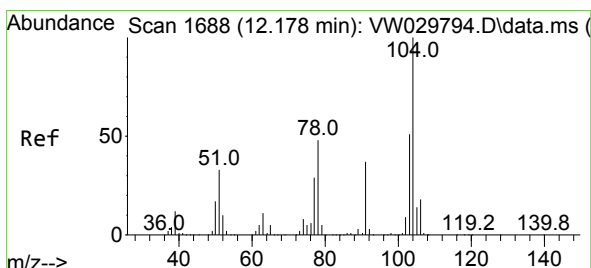
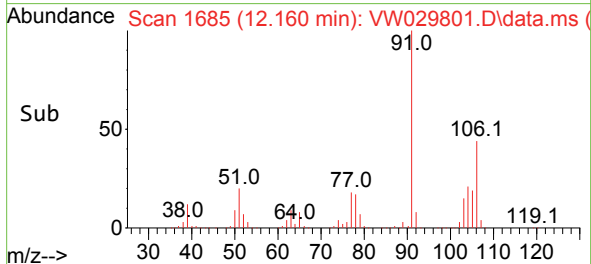
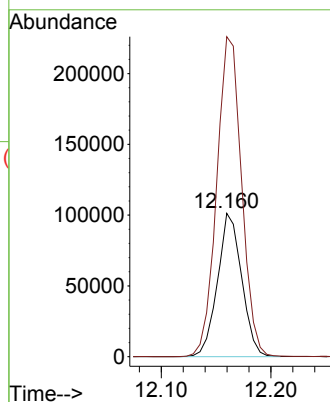
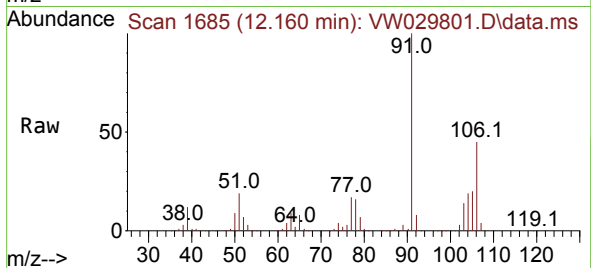
E20N1MSD

Tgt Ion:106 Resp: 155333

Ion Ratio Lower Upper

106 100

91 223.2 155.8 289.4



#55

Styrene

Concen: 25.729 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029801.D

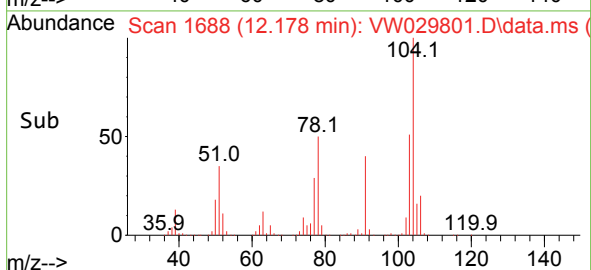
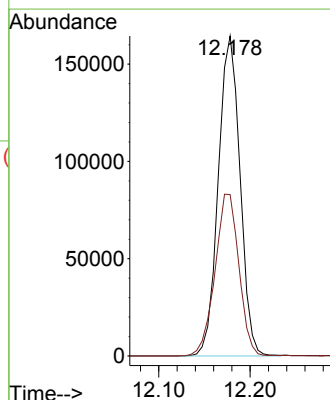
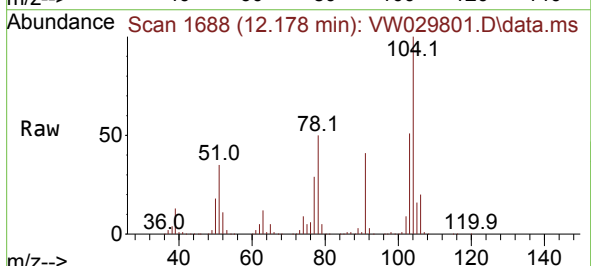
Acq: 30 Jul 2024 14:40

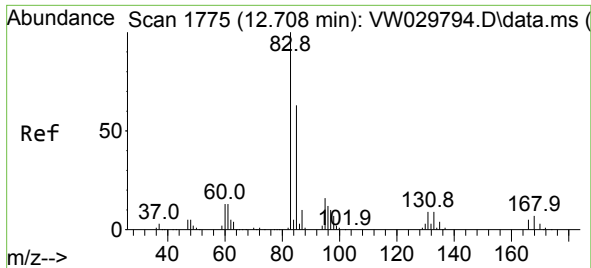
Tgt Ion:104 Resp: 272094

Ion Ratio Lower Upper

104 100

78 50.5 33.3 61.9

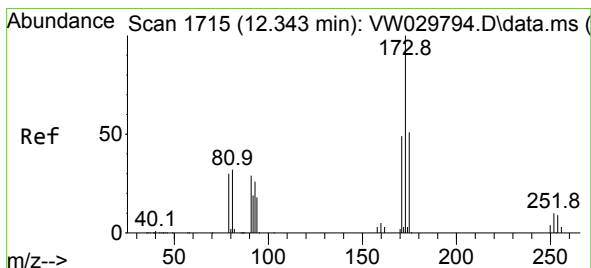
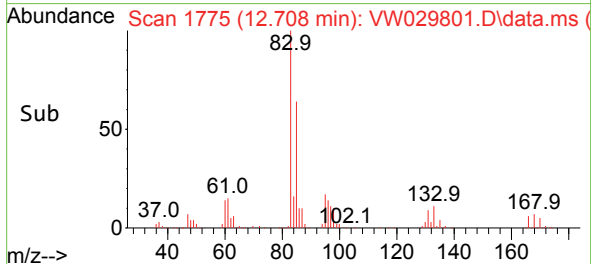
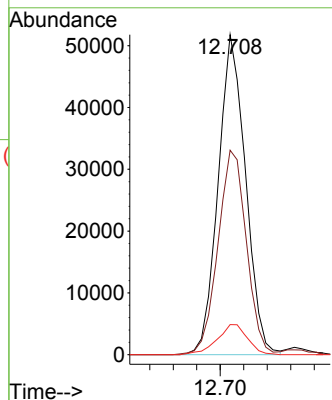
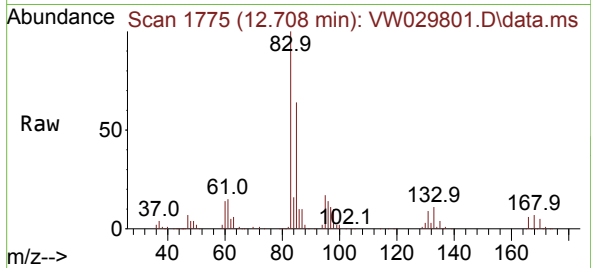




#57
1,1,2,2-Tetrachloroethane
Concen: 23.718 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

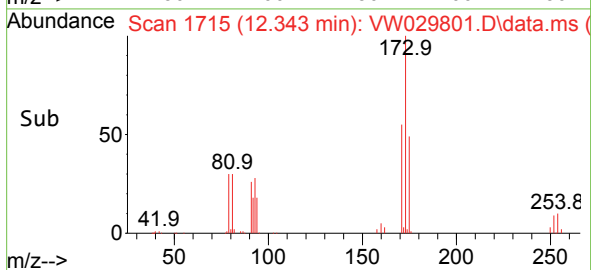
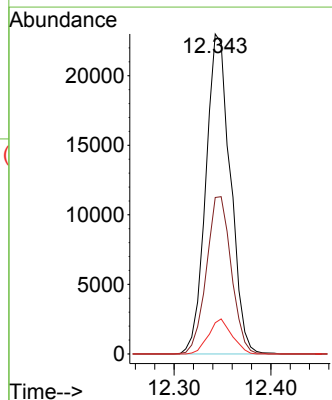
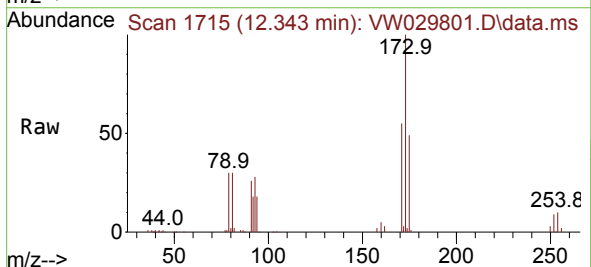
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

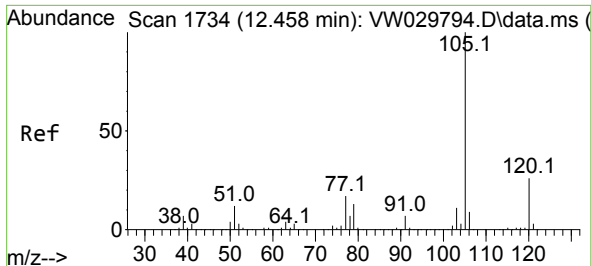
Tgt Ion: 83 Resp: 83853
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.0
131 9.4 6.2 9.2#



#59
Bromoform
Concen: 23.269 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion:173 Resp: 40570
Ion Ratio Lower Upper
173 100
175 49.8 38.1 57.1
254 10.4 7.8 11.6

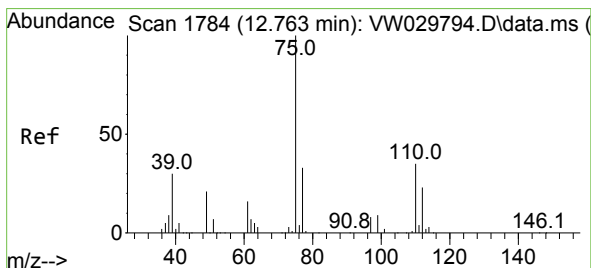
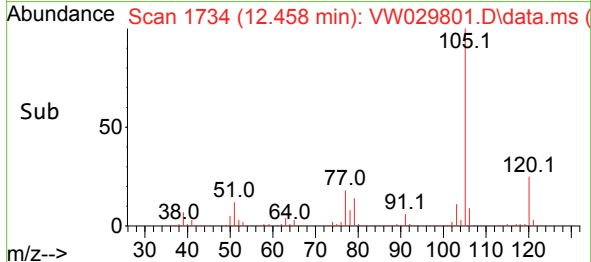
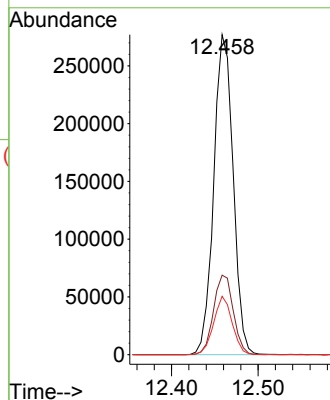
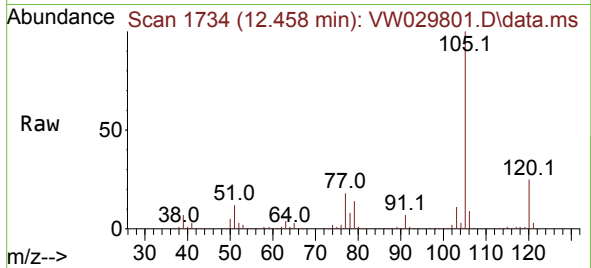




#60
Isopropylbenzene
Concen: 24.006 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

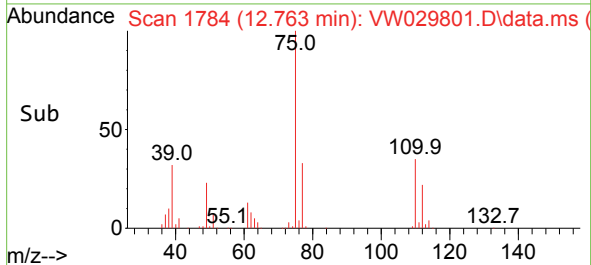
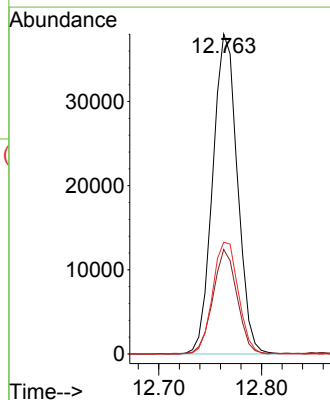
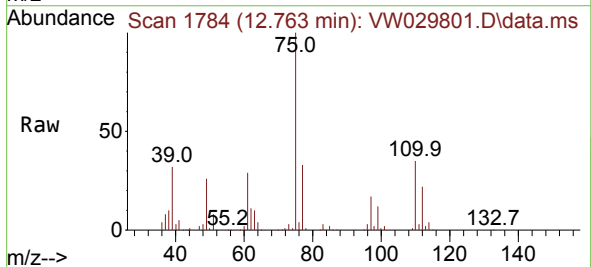
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

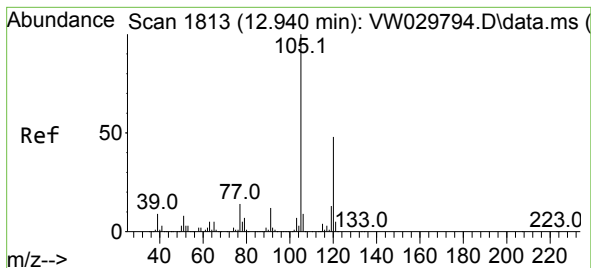
Tgt Ion:105 Resp: 430435
Ion Ratio Lower Upper
105 100
120 25.3 20.3 30.5
77 17.5 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 22.511 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion: 75 Resp: 63441
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 36.3 28.6 43.0

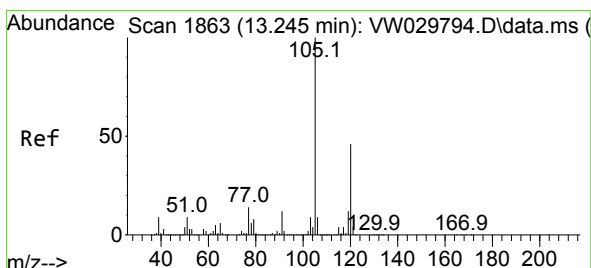
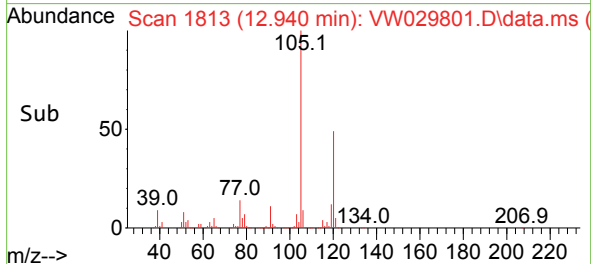
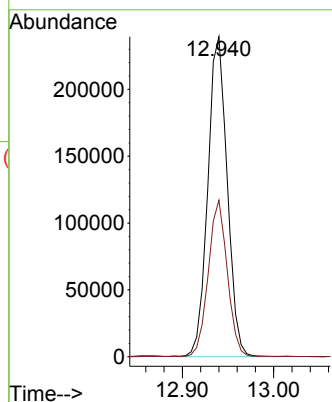
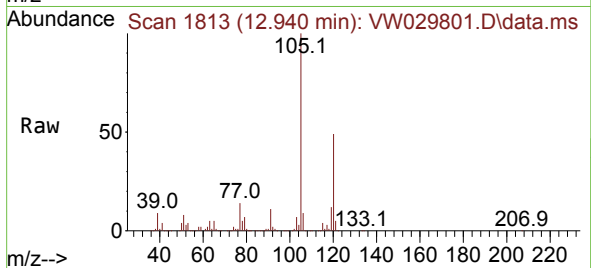




#62
1,3,5-Trimethylbenzene
Concen: 26.437 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

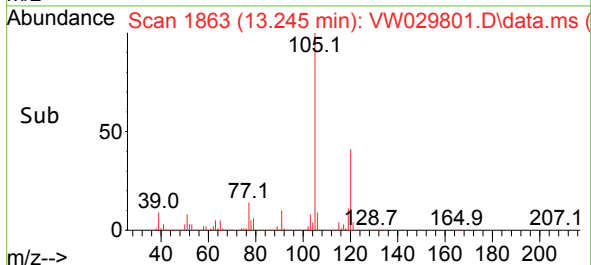
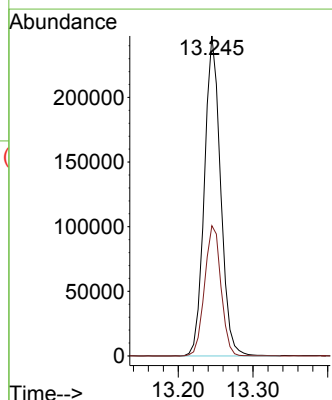
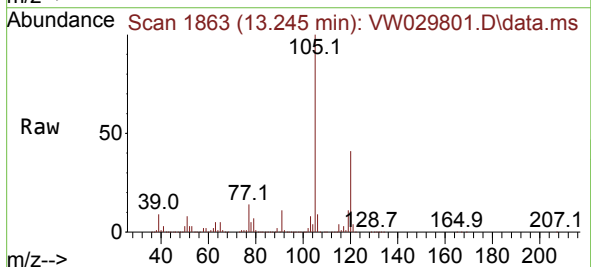
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

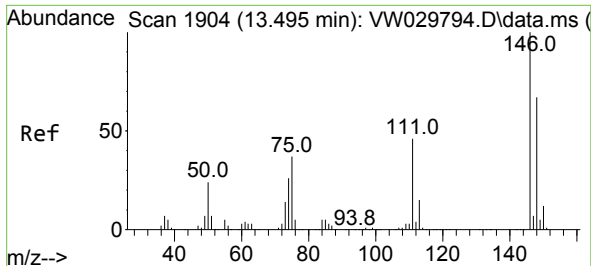
Tgt Ion:105 Resp: 352342
Ion Ratio Lower Upper
105 100
120 47.8 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 26.112 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion:105 Resp: 372184
Ion Ratio Lower Upper
105 100
120 41.2 35.4 53.0

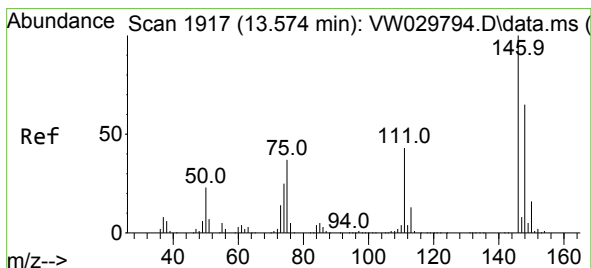
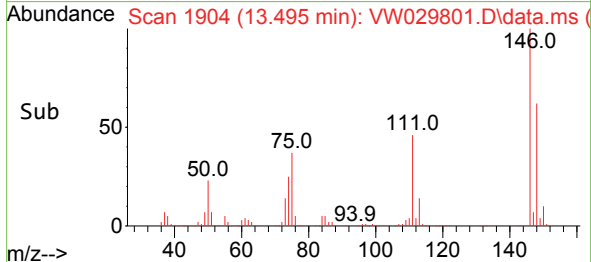
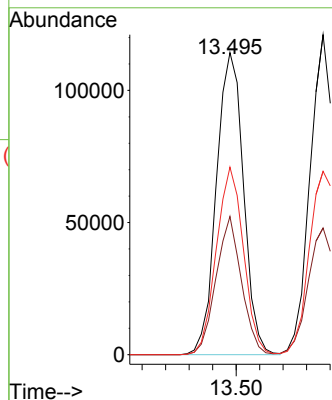
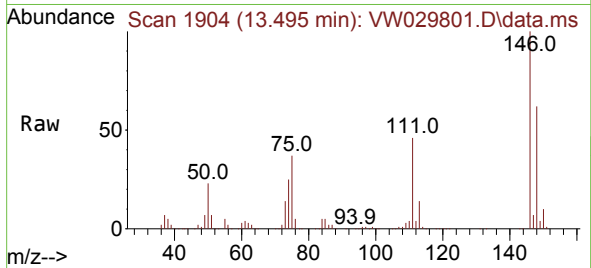




#64
1,3-Dichlorobenzene
Concen: 23.905 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

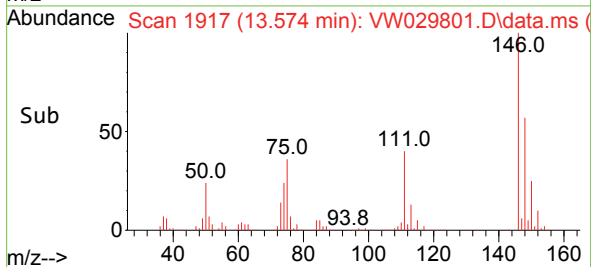
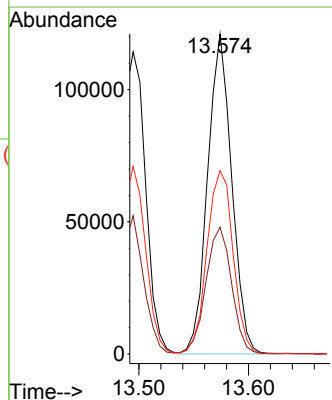
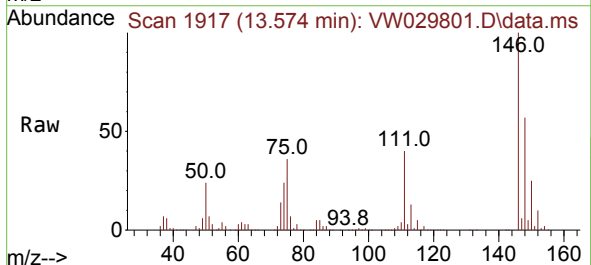
Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

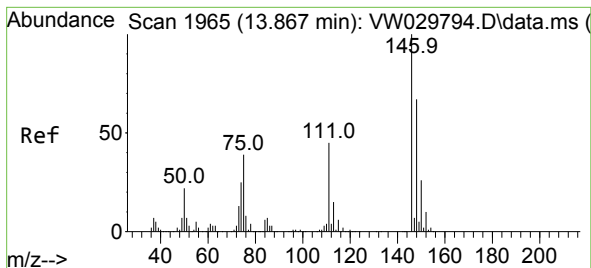
Tgt Ion:146 Resp: 182876
Ion Ratio Lower Upper
146 100
111 45.8 28.7 53.3
148 62.1 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 23.589 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion:146 Resp: 185361
Ion Ratio Lower Upper
146 100
111 39.6 30.1 55.9
148 57.3 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 23.360 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

Instrument :

MSVOA_W

ClientSampleId :

E20N1MSD

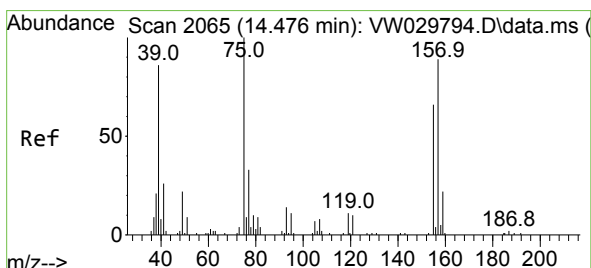
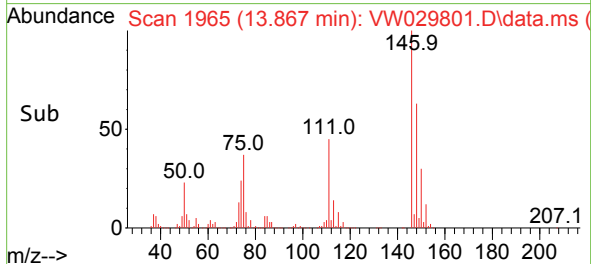
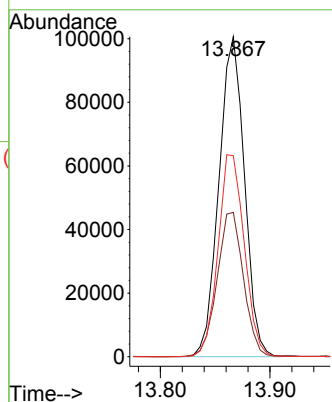
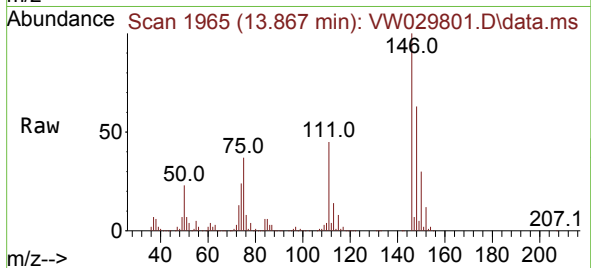
Tgt Ion:146 Resp: 162695

Ion Ratio Lower Upper

146 100

111 45.1 35.8 53.8

148 62.8 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 21.998 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

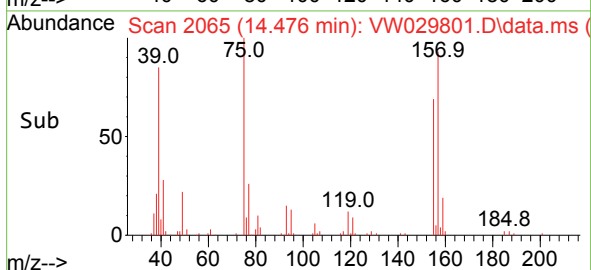
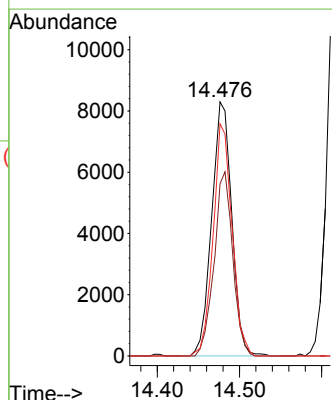
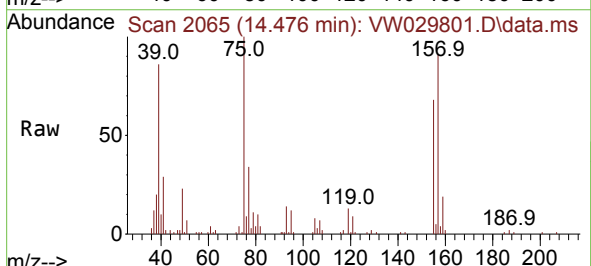
Tgt Ion: 75 Resp: 14076

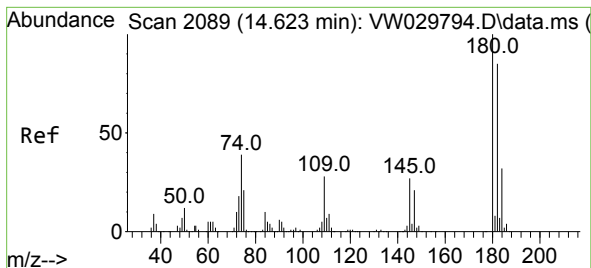
Ion Ratio Lower Upper

75 100

155 67.8 47.8 71.6

157 91.4 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 22.823 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

Instrument :

MSVOA_W

ClientSampleId :

E20N1MSD

Tgt Ion:180 Resp: 119459

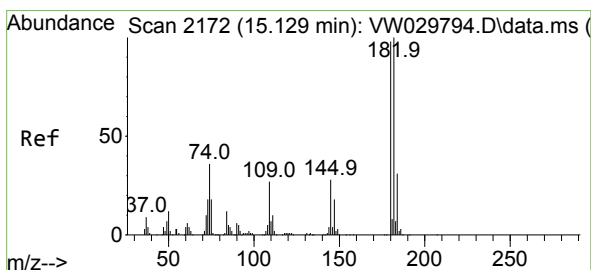
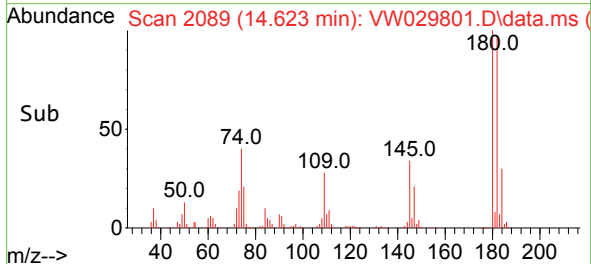
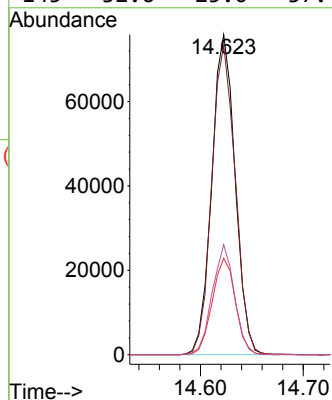
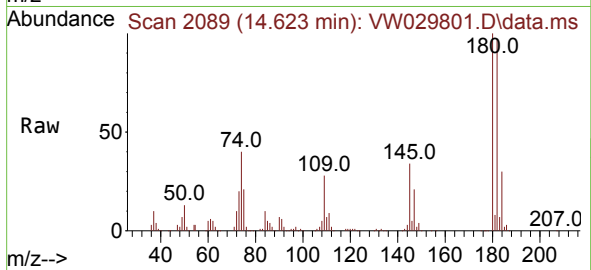
Ion Ratio Lower Upper

180 100

182 97.5 72.7 109.1

184 29.8 23.3 34.9

145 32.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 22.586 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029801.D

Acq: 30 Jul 2024 14:40

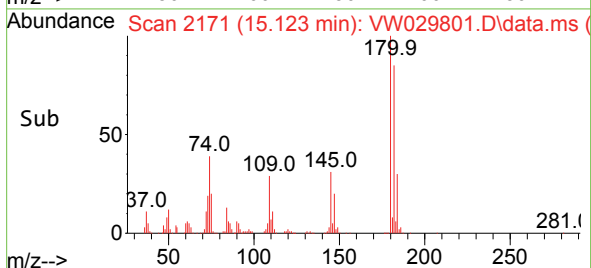
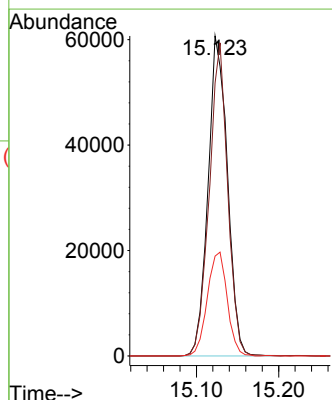
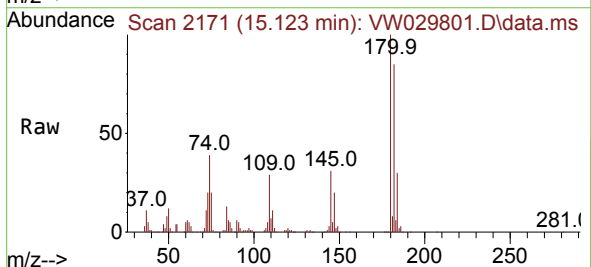
Tgt Ion:180 Resp: 99594

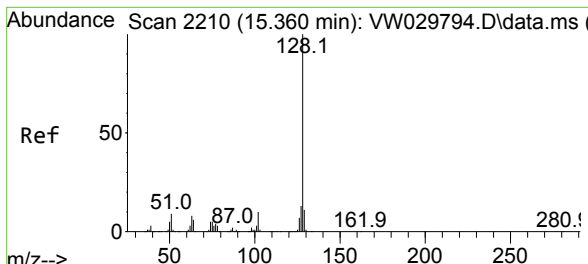
Ion Ratio Lower Upper

180 100

182 93.0 80.2 120.4

145 33.3 26.3 39.5

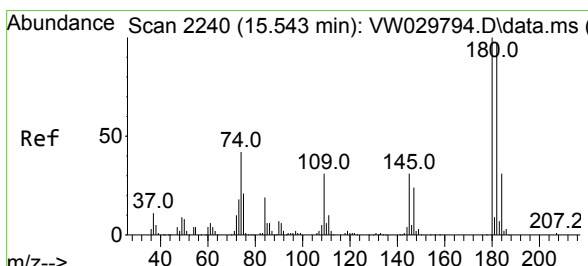
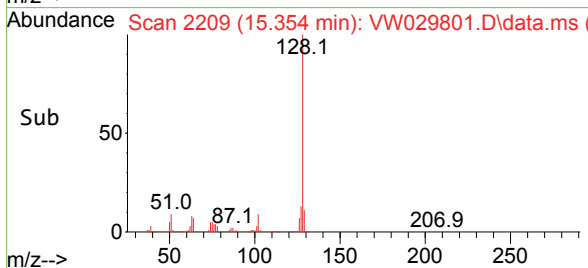
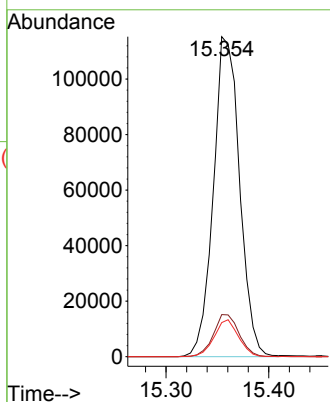
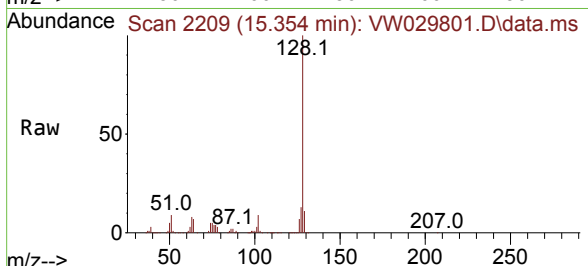




#71
Naphthalene
Concen: 24.255 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Instrument :
MSVOA_W
ClientSampleId :
E20N1MSD

Tgt Ion:	128	Resp:	204073
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.7	16.1
129	10.8	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 21.903 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029801.D
Acq: 30 Jul 2024 14:40

Tgt Ion:	180	Resp:	87418
Ion Ratio	Lower	Upper	
180	100		
182	104.2	74.0	111.0
145	36.5	27.5	41.3

