

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
 Data File : VW030166.D
 Acq On : 20 Sep 2024 09:32
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 23:40:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 20 01:21:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	361879	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	343749	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	164458	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	88292	18.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.560%
7) Chloroethane-d5	2.899	69	68375	20.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.880%
11) 1,1-Dichloroethene-d2	4.021	65	46549	19.935	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.720%
21) 2-Butanone-d5	7.081	46	50923	45.001	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.000%
24) Chloroform-d	7.648	84	218083	21.918	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	8.307	65	108271	21.669	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.680%
32) Benzene-d6	8.276	84	430772	21.753	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	9.270	67	129532	21.185	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.760%
41) Toluene-d8	10.318	98	391397	22.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.240%
43) trans-1,3-Dichloroprop...	10.575	79	52548	21.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.800%
47) 2-Hexanone-d5	10.922	63	46332	49.521	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101803	22.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	130343	23.347	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	84429	21.159	ug/L	99
3) Chloromethane	2.222	50	77363	20.765	ug/L	99
5) Vinyl chloride	2.375	62	102457	22.315	ug/L	97
6) Bromomethane	2.795	94	63078	22.933	ug/L	97
8) Chloroethane	2.936	64	60548	22.096	ug/L	97
9) Trichlorofluoromethane	3.271	101	114408	21.128	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	115251	23.478	ug/L #	67
12) 1,1-Dichloroethene	4.051	96	103457	23.950	ug/L	76
13) Acetone	4.137	43	61311	47.225	ug/L	95
14) Carbon disulfide	4.393	76	262758	21.413	ug/L	99
15) Methyl Acetate	4.679	43	47632	22.687	ug/L	96
16) Methylene chloride	4.923	84	123657	23.173	ug/L	93
17) trans-1,2-Dichloroethene	5.435	96	113886	23.915	ug/L	88
18) Methyl tert-butyl Ether	5.429	73	198589	26.461	ug/L	96
19) 1,1-Dichloroethane	6.222	63	227948	23.574	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	137406	26.292	ug/L	94
22) 2-Butanone	7.173	43	73322	47.710	ug/L	96
23) Bromochloromethane	7.514	128	59969	25.677	ug/L #	86
25) Chloroform	7.679	83	239972	24.434	ug/L	99

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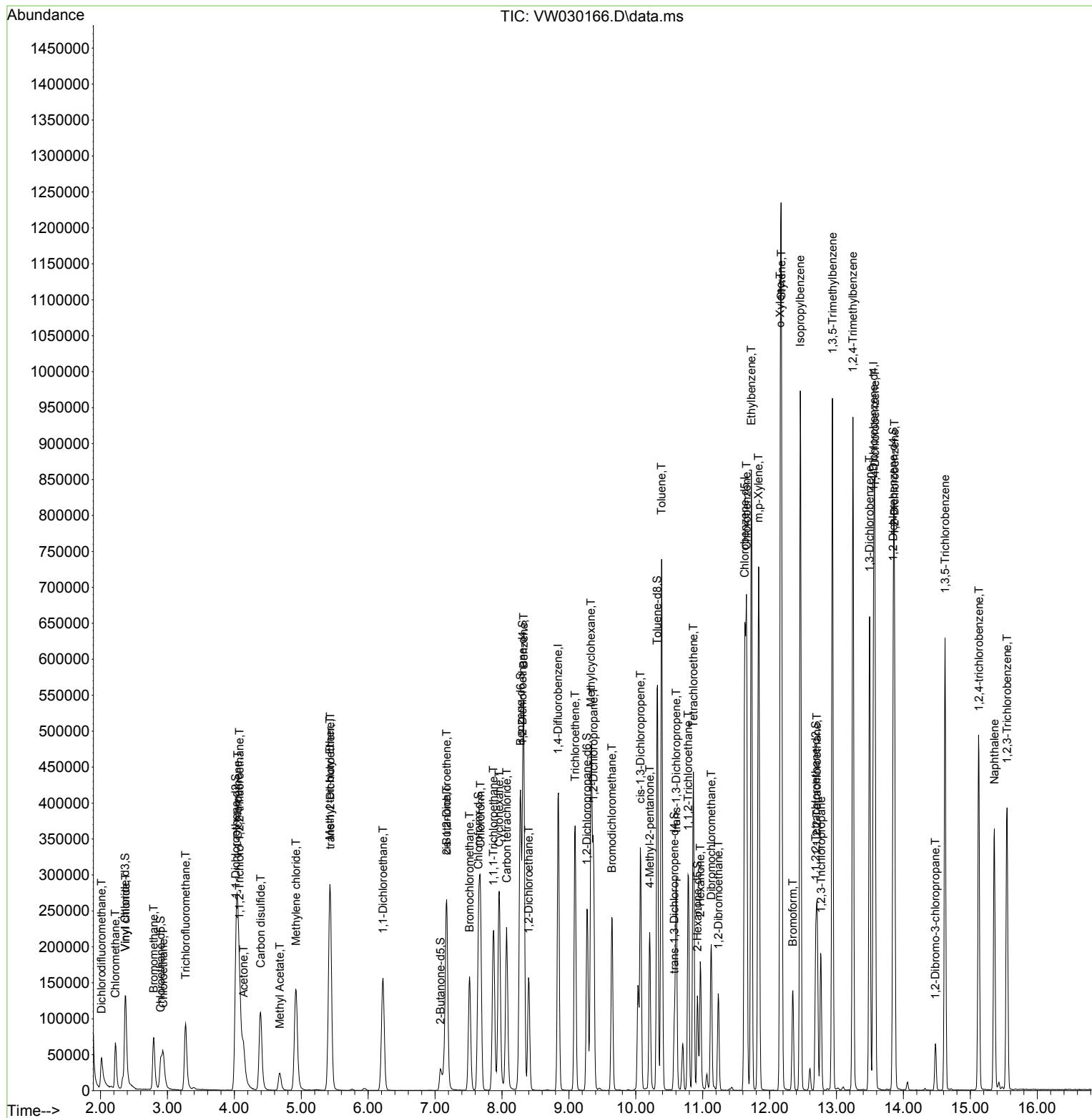
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	145237	23.583	ug/L	97
29) Cyclohexane	7.959	56	165612	22.613	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	194630	23.408	ug/L	96
31) Carbon tetrachloride	8.069	117	170210	22.528	ug/L	100
33) Benzene	8.325	78	498612	23.724	ug/L	100
34) Trichloroethene	9.093	95	135164	23.824	ug/L	96
35) Methylcyclohexane	9.331	83	205730	23.521	ug/L	96
37) 1,2-Dichloropropane	9.367	63	131373	23.062	ug/L	99
38) Bromodichloromethane	9.642	83	169338	23.608	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	205091	24.611	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	141450	48.597	ug/L	97
42) Toluene	10.386	91	547280	24.541	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	173760	24.787	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	100217	24.178	ug/L	96
46) Tetrachloroethene	10.861	164	102188	24.410	ug/L	95
48) 2-Hexanone	10.965	43	107788	48.156	ug/L	94
49) Dibromochloromethane	11.129	129	110349	24.461	ug/L	98
50) 1,2-Dibromoethane	11.233	107	93714	24.520	ug/L	91
51) Chlorobenzene	11.654	112	339184	23.548	ug/L	98
52) Ethylbenzene	11.727	91	623286	24.416	ug/L	98
53) m,p-Xylene	11.836	106	238561	25.328	ug/L	91
54) o-Xylene	12.160	106	226489	25.554	ug/L	95
55) Styrene	12.178	104	393615	25.604	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	116959	23.640	ug/L	98
59) Bromoform	12.349	173	65804	25.282	ug/L	98
60) Isopropylbenzene	12.458	105	638676	26.376	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	83036	24.270	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	517422	29.155	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	504560	27.347	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	278030	25.908	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	288955	26.063	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	254834	26.349	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	17846	23.917	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	194662	25.988	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	157230	25.913	ug/L	96
71) Naphthalene	15.360	128	314220	28.518	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	138058	25.947	ug/L	99

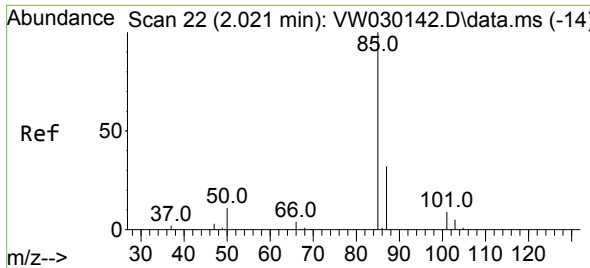
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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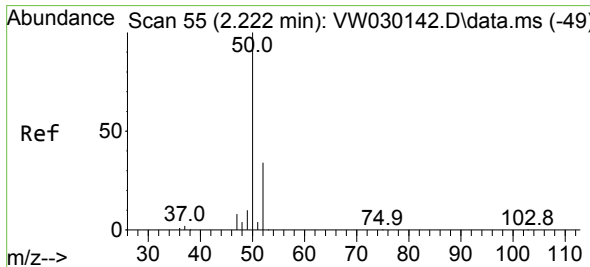
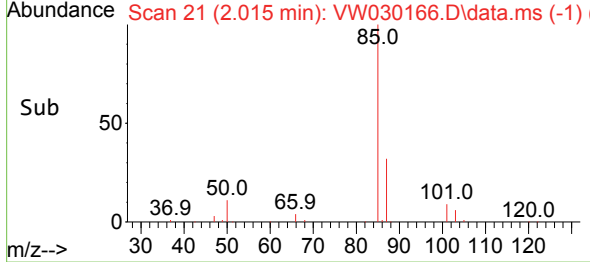
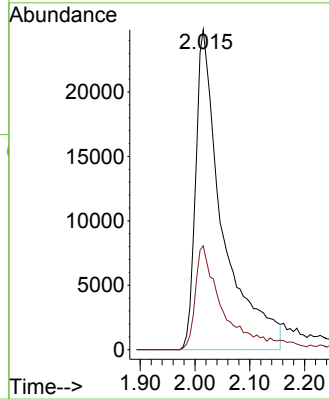
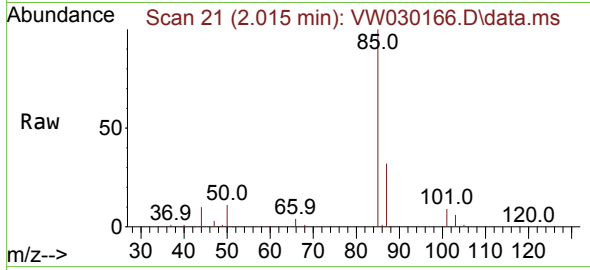




#2
 Dichlorodifluoromethane
 Concen: 21.159 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW030166.D
 Acq: 20 Sep 2024 09:32

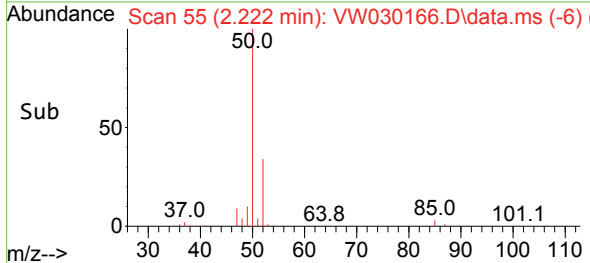
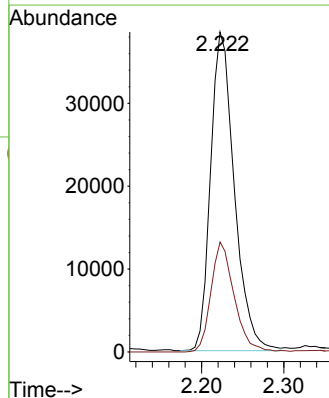
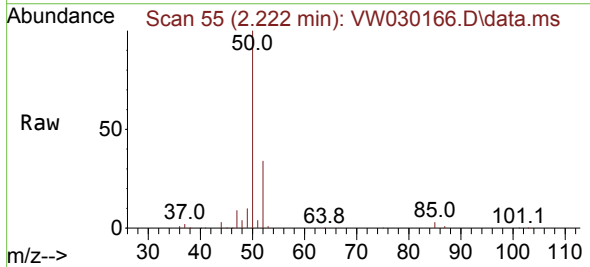
Instrument :
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 ClientSampleId :

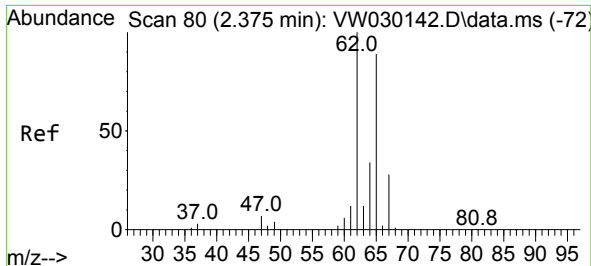
Tgt Ion: 85 Resp: 84429
 Ion Ratio Lower Upper
 85 100
 87 27.1 21.2 31.8



#3
 Chloromethane
 Concen: 20.765 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030166.D
 Acq: 20 Sep 2024 09:32

Tgt Ion: 50 Resp: 77363
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.4 43.6

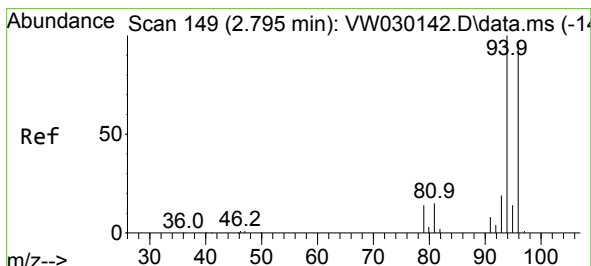
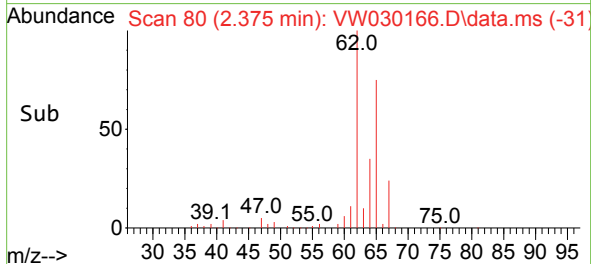
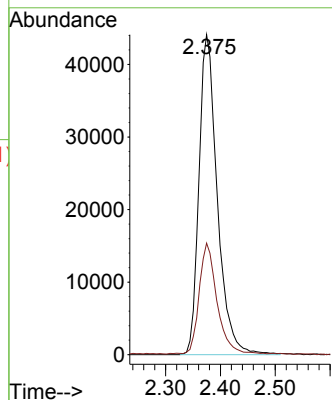
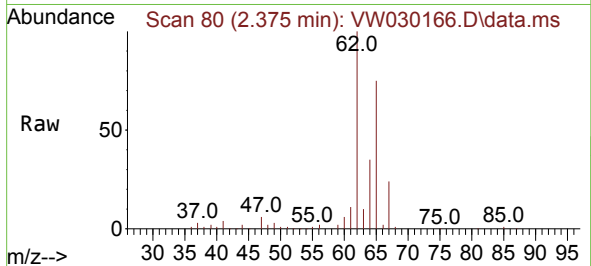




#5
 Vinyl chloride
 Concen: 22.315 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030166.D
 Acq: 20 Sep 2024 09:32

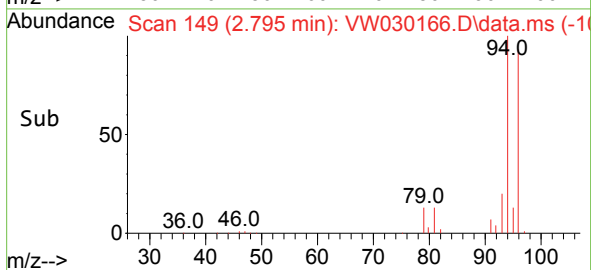
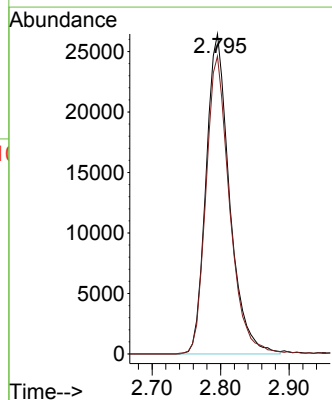
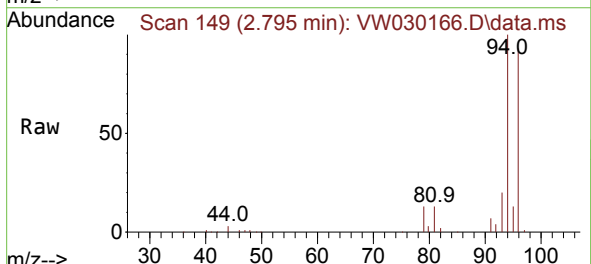
Instrument :
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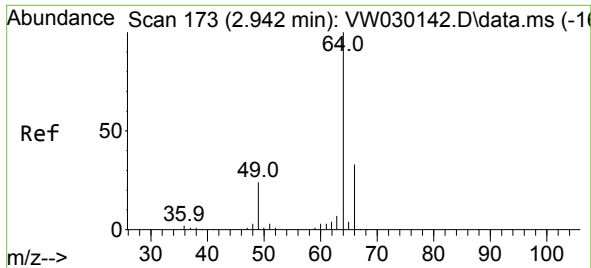
Tgt Ion: 62 Resp: 102457
 Ion Ratio Lower Upper
 62 100
 64 34.8 23.0 42.8



#6
 Bromomethane
 Concen: 22.933 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW030166.D
 Acq: 20 Sep 2024 09:32

Tgt Ion: 94 Resp: 63078
 Ion Ratio Lower Upper
 94 100
 96 93.0 67.5 125.3

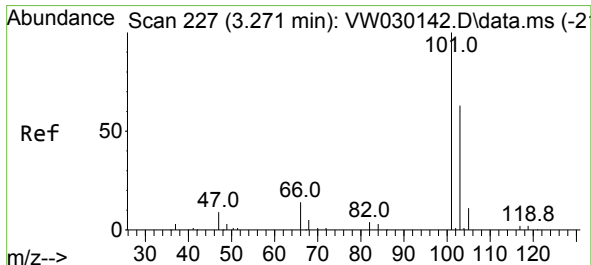
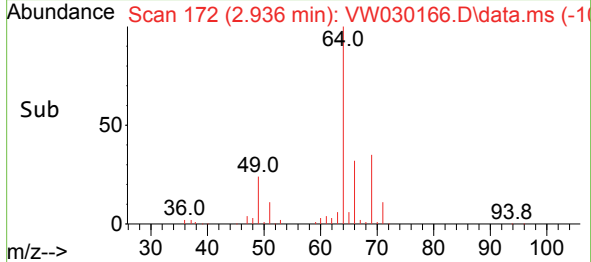
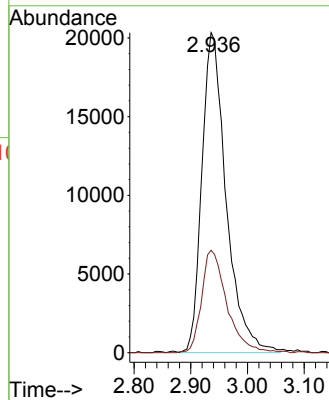
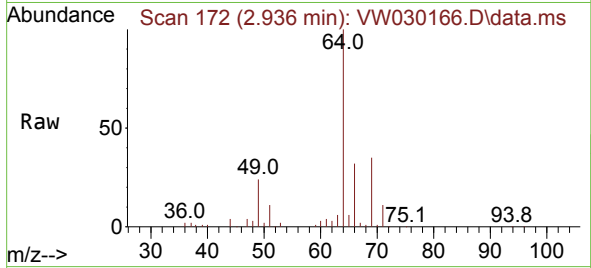




#8
Chloroethane
Concen: 22.096 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

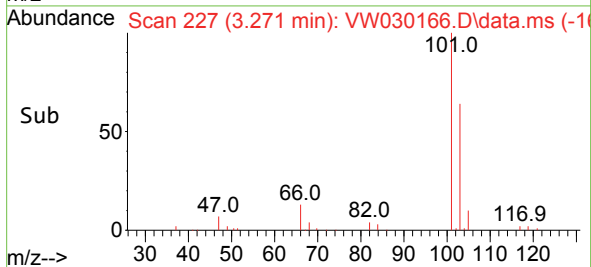
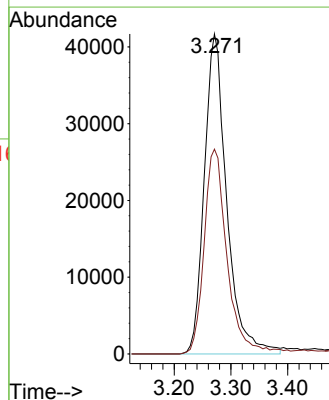
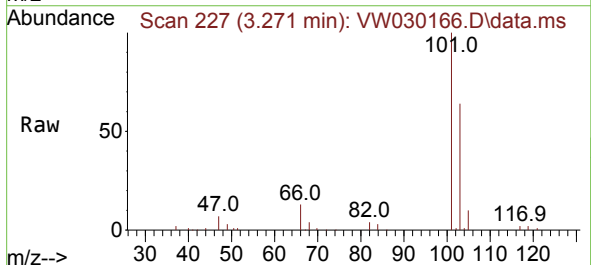
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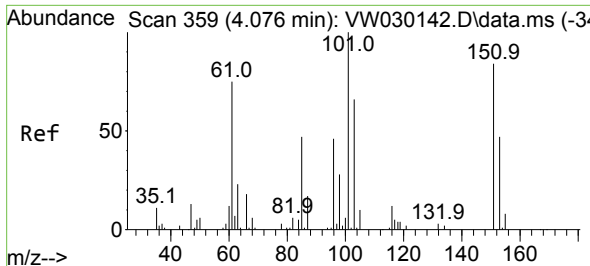
Tgt Ion: 64 Resp: 60548
Ion Ratio Lower Upper
64 100
66 32.0 21.1 39.3



#9
Trichlorofluoromethane
Concen: 21.128 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Tgt Ion:101 Resp: 114408
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

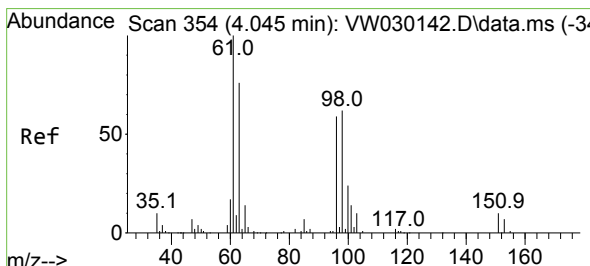
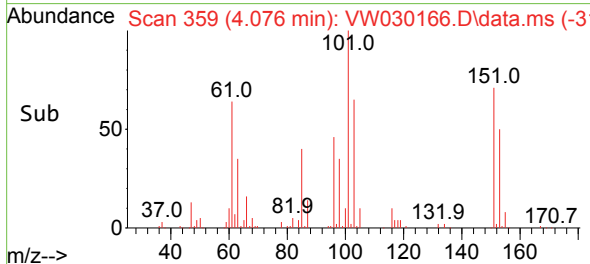
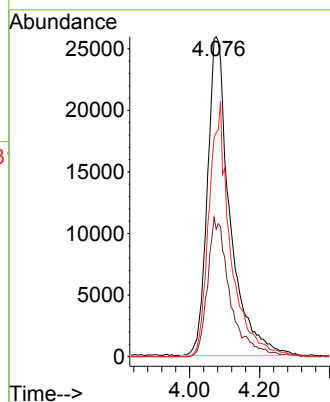
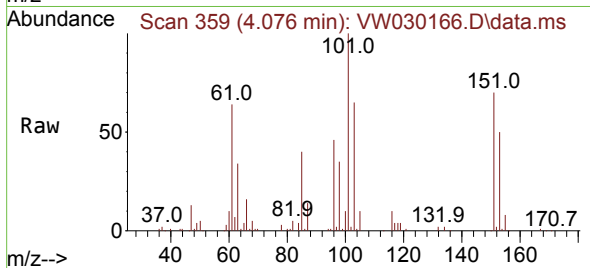




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.478 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW030166.D
 Acq: 20 Sep 2024 09:32

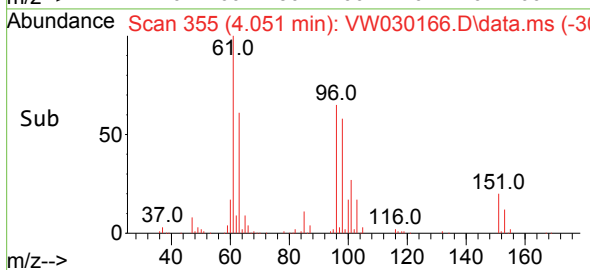
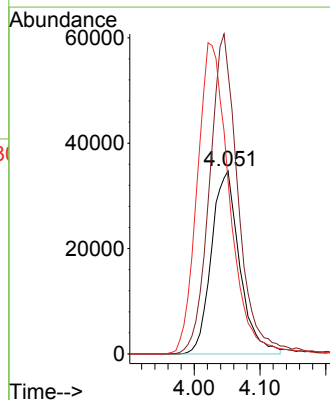
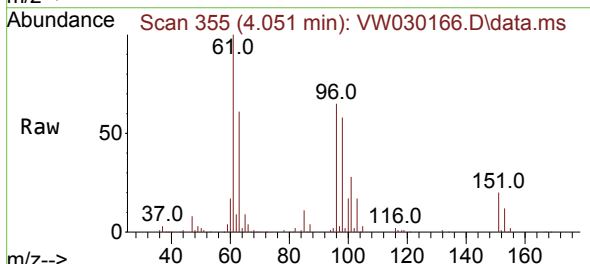
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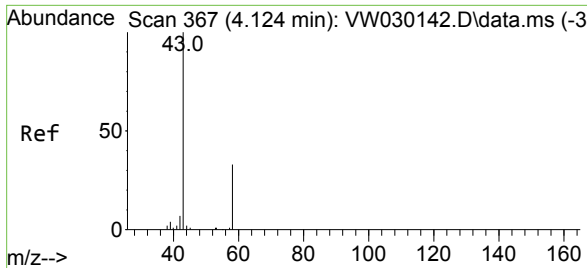
Tgt Ion:101 Resp: 115251
 Ion Ratio Lower Upper
 101 100
 85 18.0 34.2 51.2#
 151 45.3 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 23.950 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW030166.D
 Acq: 20 Sep 2024 09:32

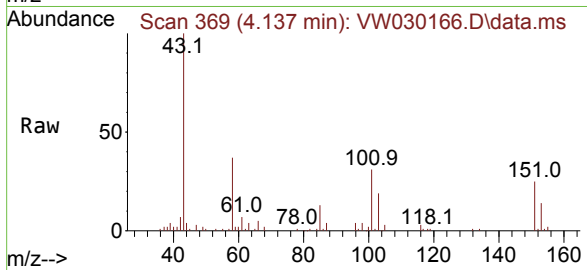
Tgt Ion: 96 Resp: 103457
 Ion Ratio Lower Upper
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 61 153.9 124.0 230.4
 63 94.4 93.3 173.3



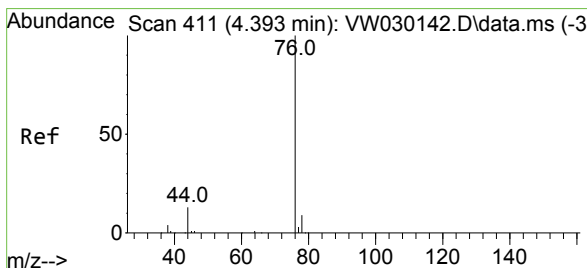
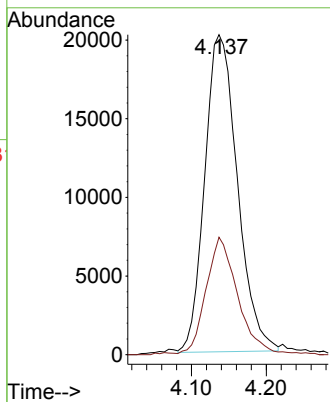
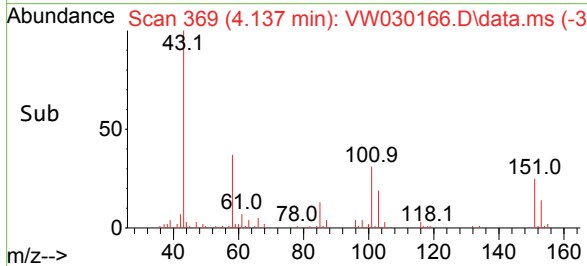


#13
Acetone
Concen: 47.225 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.012 min
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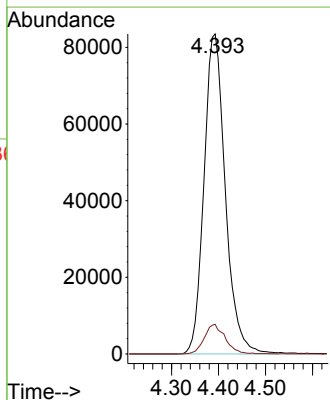
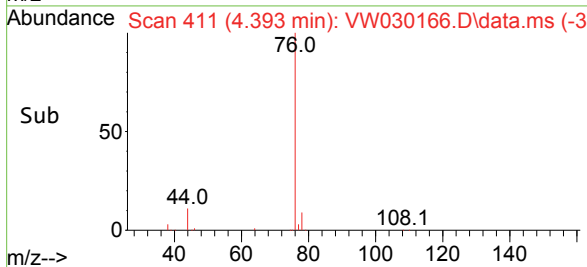
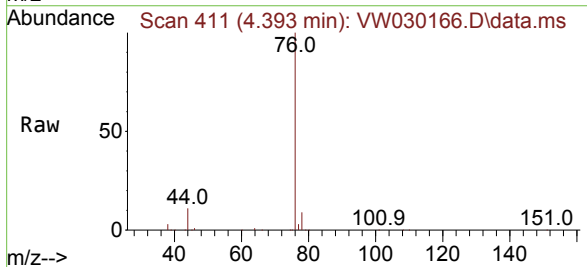


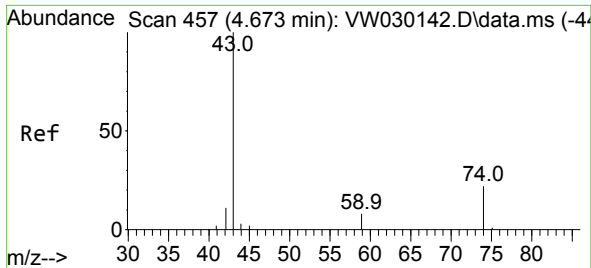
Tgt Ion: 43 Resp: 61311
Ion Ratio Lower Upper
43 100
58 35.1 0.0 65.0



#14
Carbon disulfide
Concen: 21.413 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 262758
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

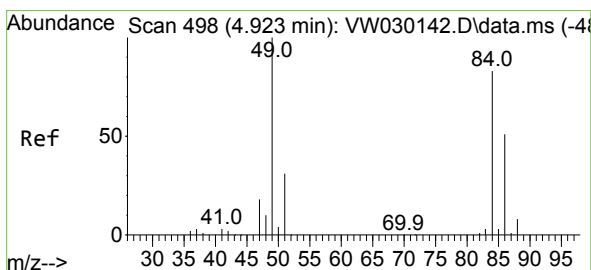
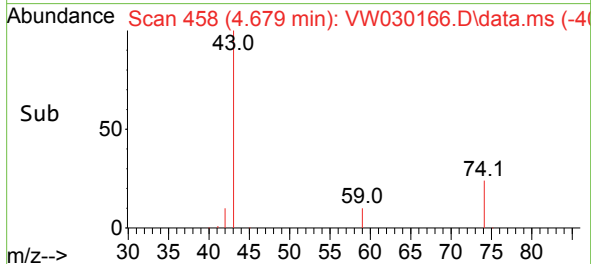
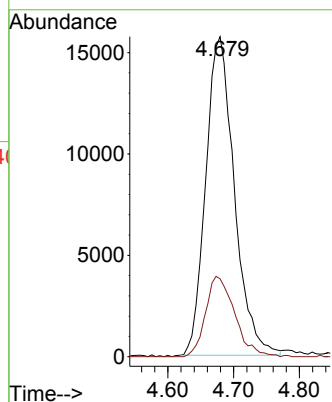
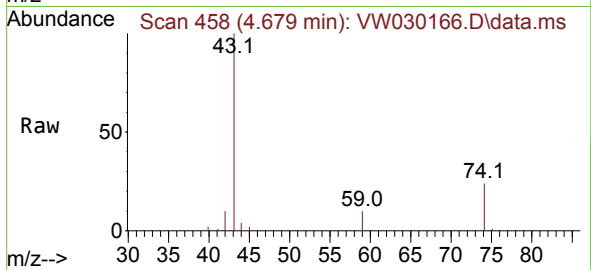




#15
Methyl Acetate
Concen: 22.687 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

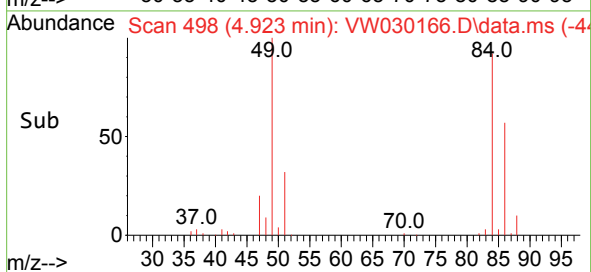
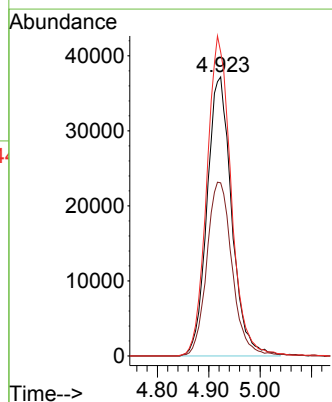
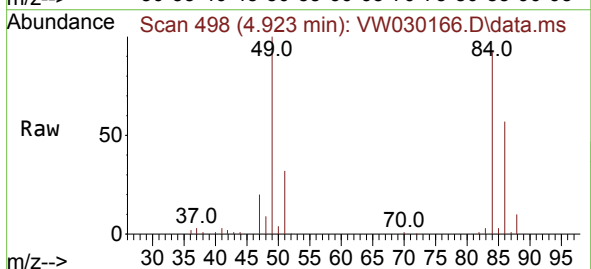
Instrument :
MSVOA_W
ClientSampleId :

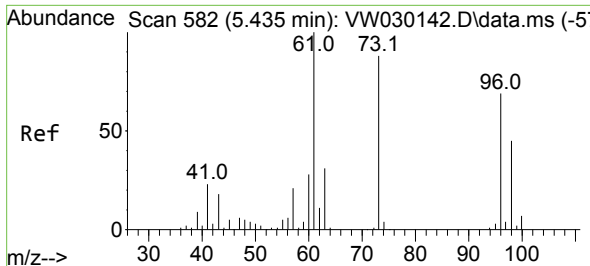
Tgt Ion: 43 Resp: 47632
Ion Ratio Lower Upper
43 100
74 25.6 18.9 28.3



#16
Methylene chloride
Concen: 23.173 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 84 Resp: 123657
Ion Ratio Lower Upper
84 100
86 62.0 44.6 82.8
49 108.9 83.8 155.6

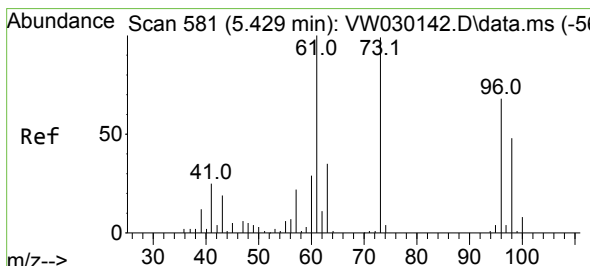
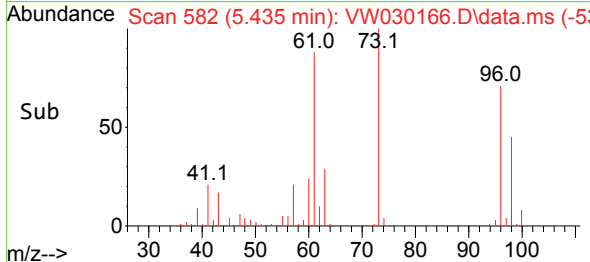
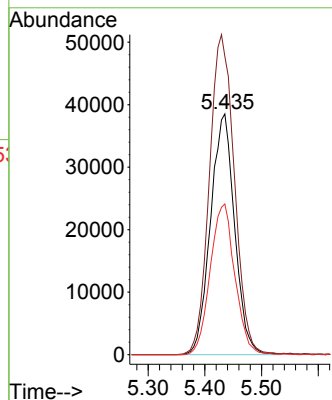
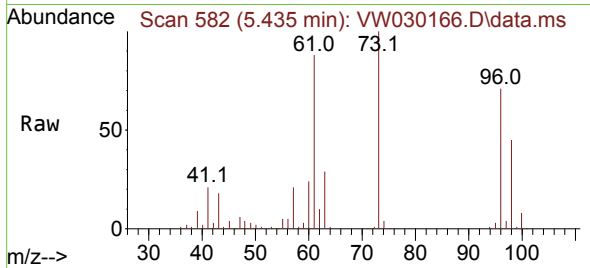




#17
trans-1,2-Dichloroethene
Concen: 23.915 ug/L
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

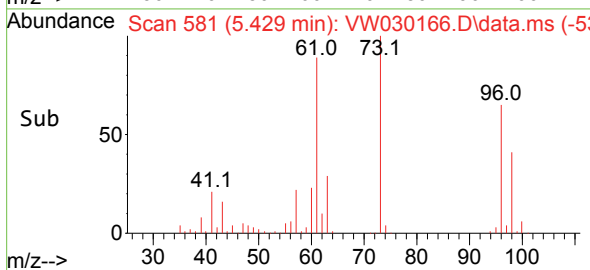
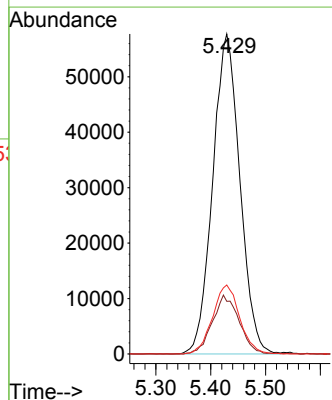
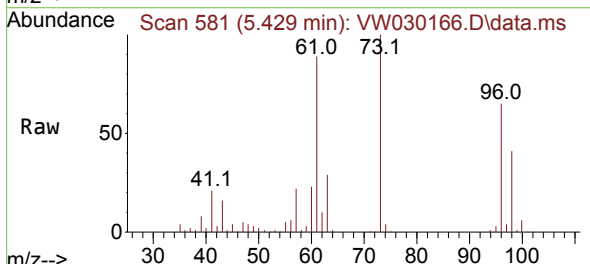
Instrument :
MSVOA_W
ClientSampleId :

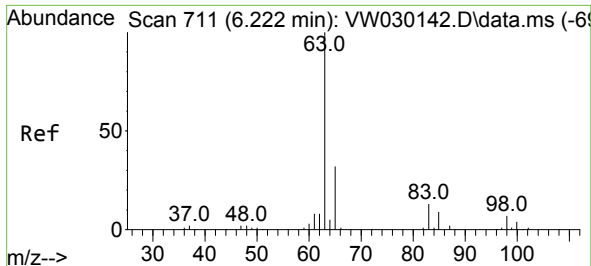
Tgt Ion: 96 Resp: 113886
Ion Ratio Lower Upper
96 100
61 123.9 100.8 187.2
98 62.6 43.0 80.0



#18
Methyl tert-butyl Ether
Concen: 26.461 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 73 Resp: 198589
Ion Ratio Lower Upper
73 100
43 18.0 15.7 23.5
57 21.4 18.8 28.2





#19

1,1-Dichloroethane

Concen: 23.574 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_W

ClientSampleId :

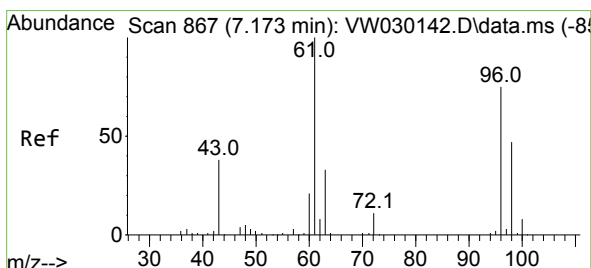
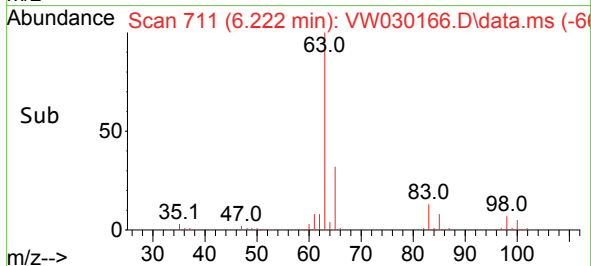
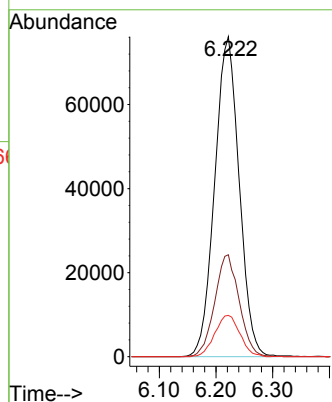
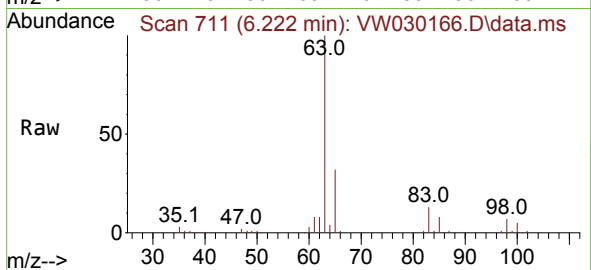
Tgt Ion: 63 Resp: 227948

Ion Ratio Lower Upper

63 100

65 31.9 21.6 40.0

83 12.9 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.292 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

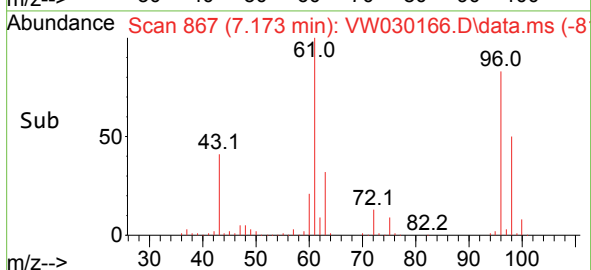
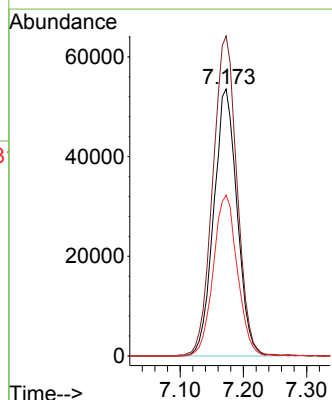
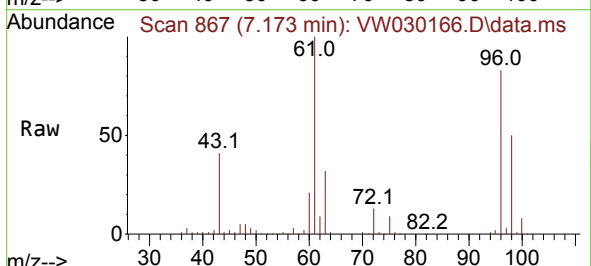
Tgt Ion: 96 Resp: 137406

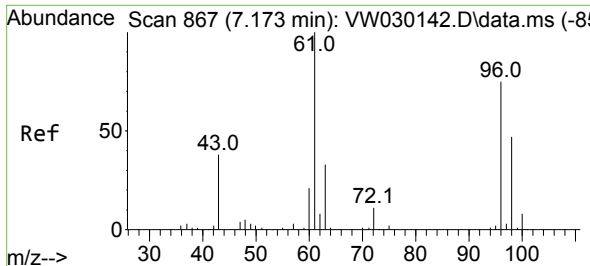
Ion Ratio Lower Upper

96 100

61 119.8 89.5 166.3

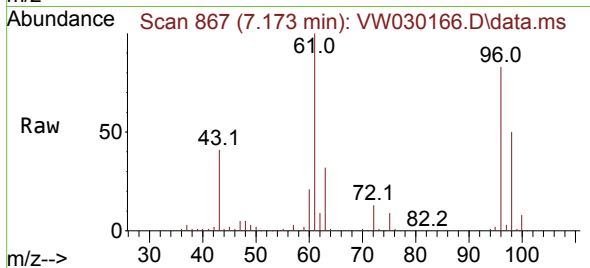
98 60.2 44.3 82.3



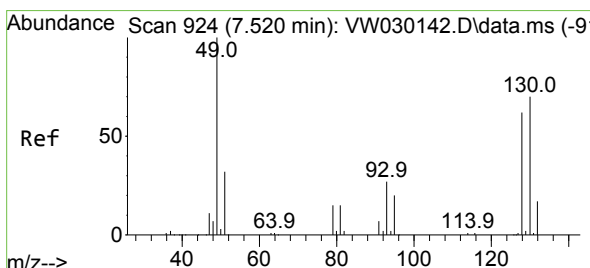
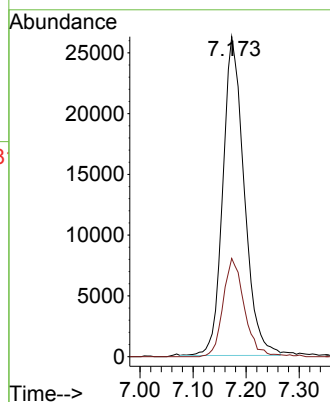
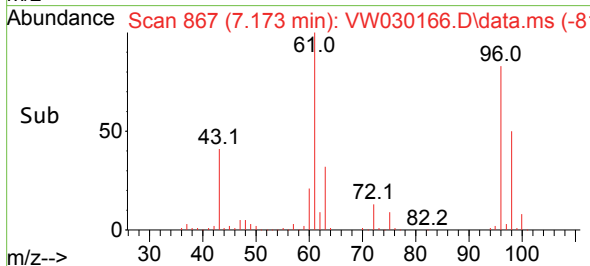


#22
2-Butanone
Concen: 47.710 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Instrument :
MSVOA_W
ClientSampleId :

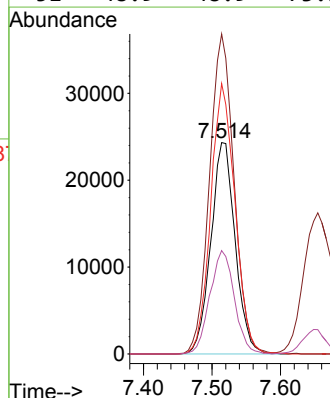
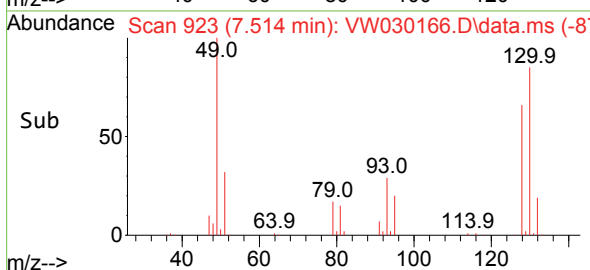
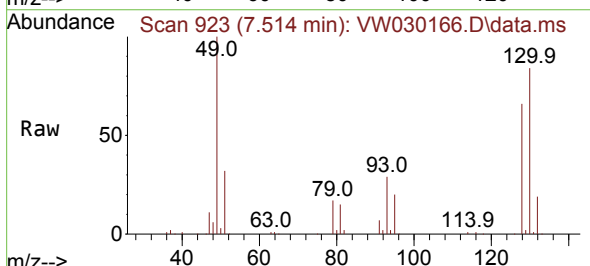


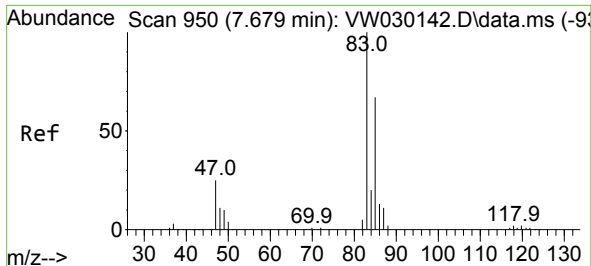
Tgt Ion: 43 Resp: 73322
Ion Ratio Lower Upper
43 100
72 29.9 13.9 41.7



#23
Bromochloromethane
Concen: 25.677 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 128 Resp: 59969
Ion Ratio Lower Upper
128 100
49 151.4 126.1 234.1
130 127.9 85.9 159.5
51 48.9 48.9 73.3#

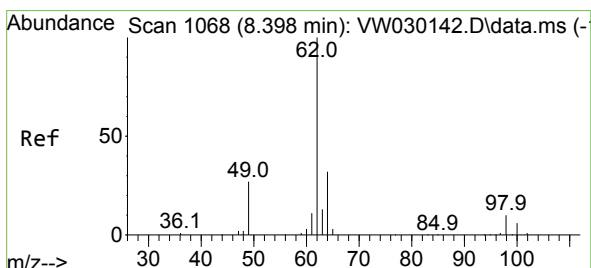
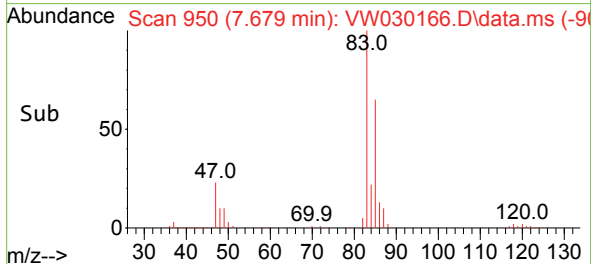
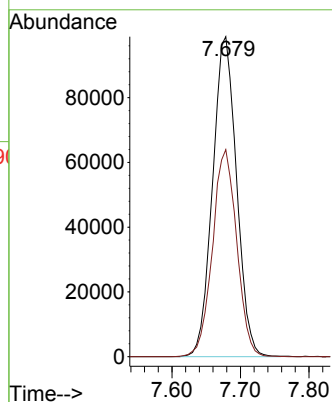
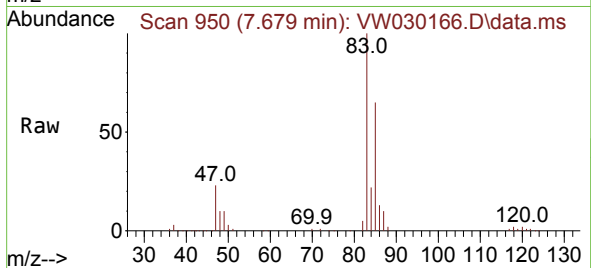




#25
Chloroform
Concen: 24.434 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

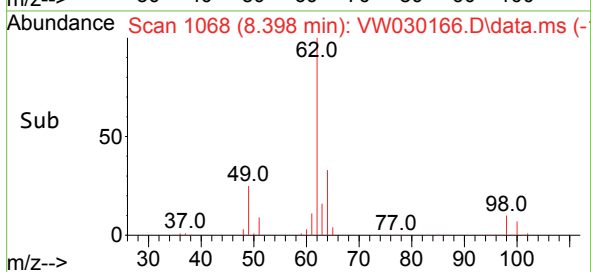
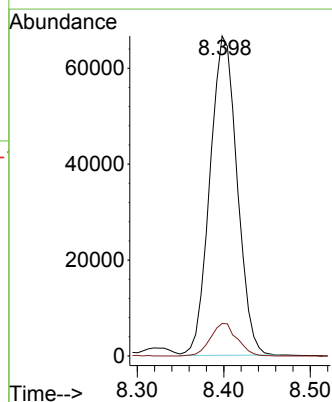
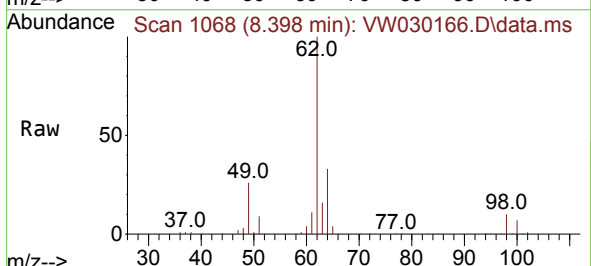
Instrument :
MSVOA_W
ClientSampleId :

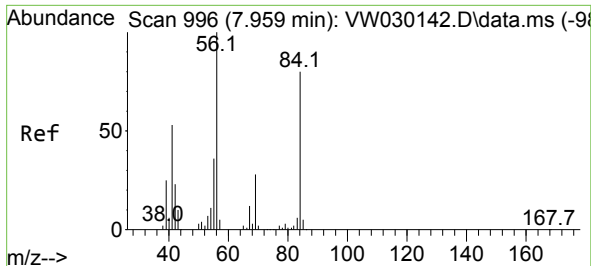
Tgt Ion: 83 Resp: 239972
Ion Ratio Lower Upper
83 100
85 64.7 46.1 85.5



#27
1,2-Dichloroethane
Concen: 23.583 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

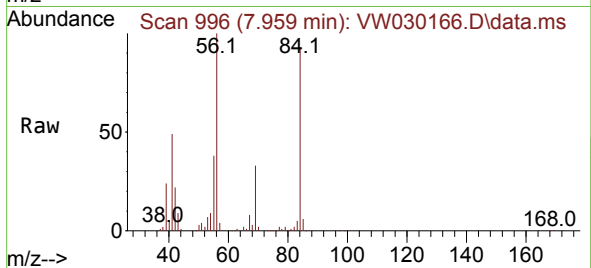
Tgt Ion: 62 Resp: 145237
Ion Ratio Lower Upper
62 100
98 10.1 7.3 10.9



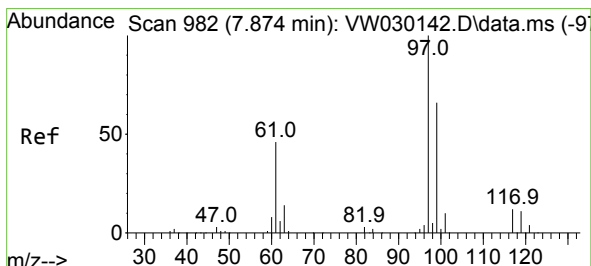
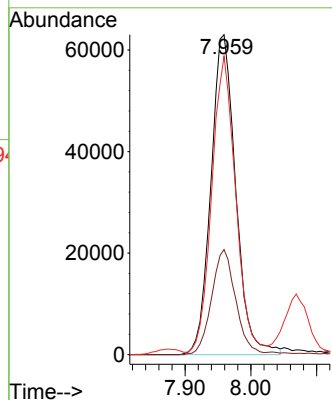
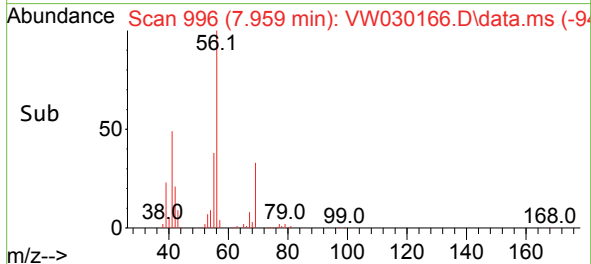


#29
Cyclohexane
Concen: 22.613 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Instrument :
MSVOA_W
ClientSampleId :

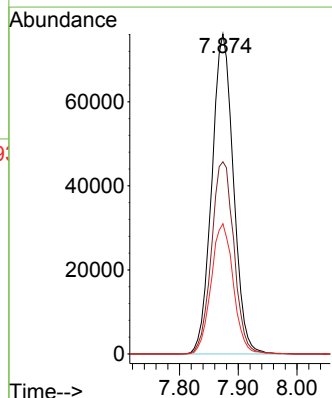
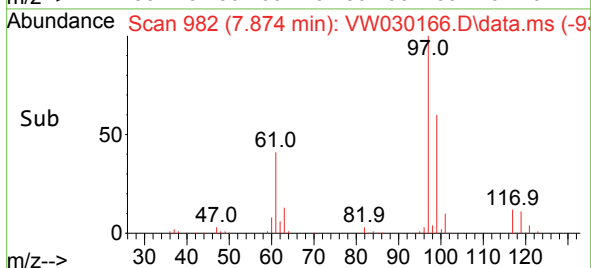
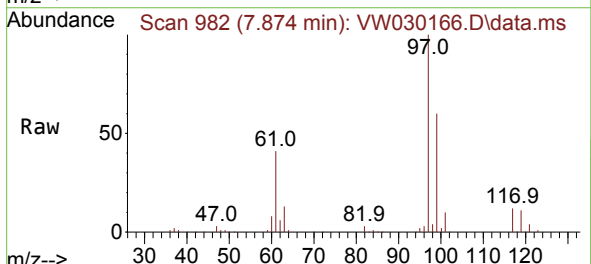


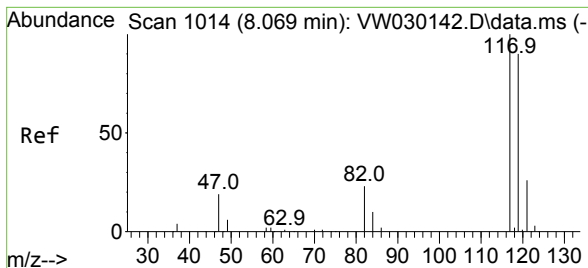
Tgt Ion: 56 Resp: 165612
Ion Ratio Lower Upper
56 100
69 31.7 24.6 37.0
84 89.2 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 23.408 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 97 Resp: 194630
Ion Ratio Lower Upper
97 100
99 62.5 51.3 76.9
61 41.7 36.4 54.6

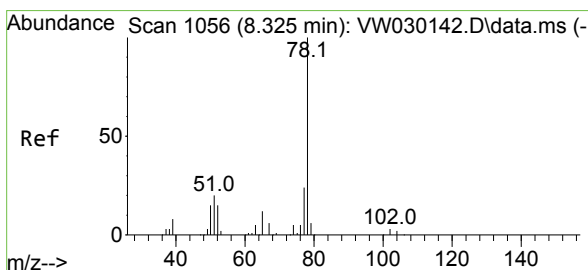
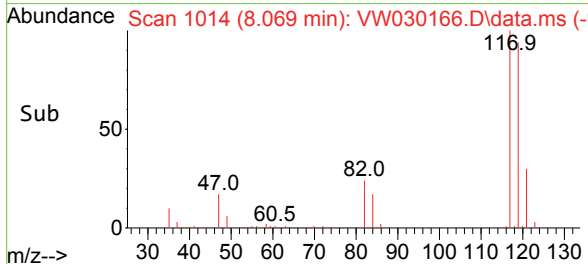
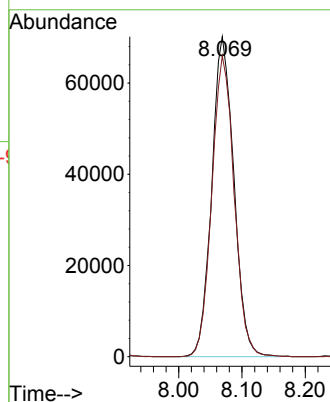
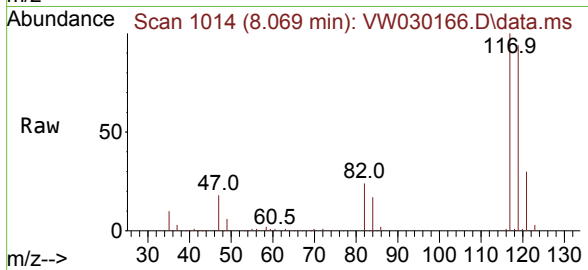




#31
Carbon tetrachloride
Concen: 22.528 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

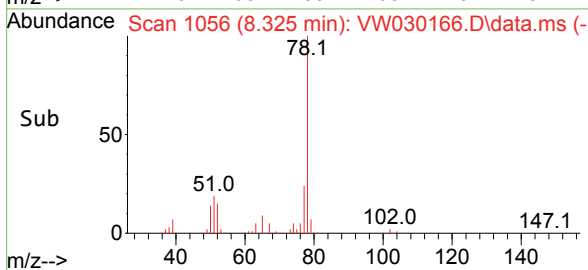
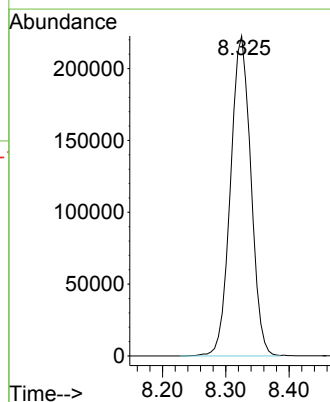
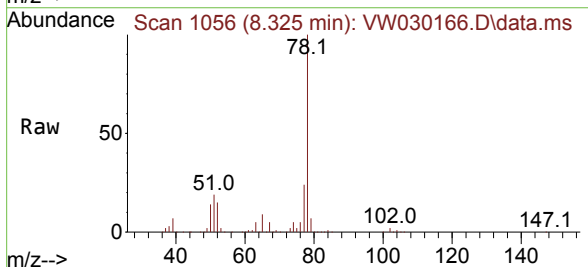
Instrument :
MSVOA_W
ClientSampleId :

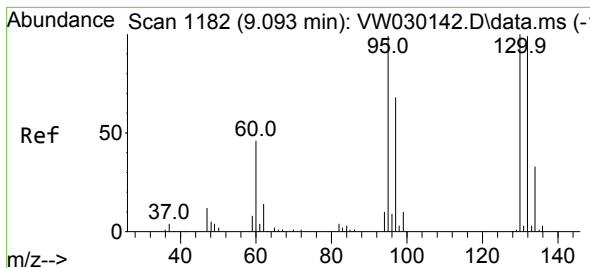
Tgt Ion:117 Resp: 170210
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.4



#33
Benzene
Concen: 23.724 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 78 Resp: 498612





#34

Trichloroethene

Concen: 23.824 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

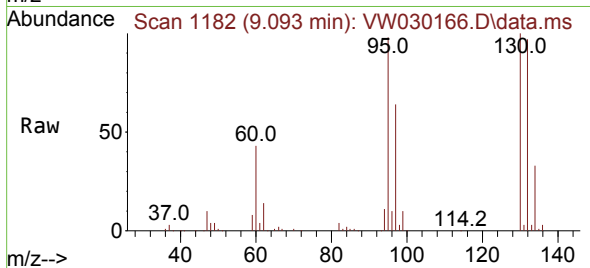
Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 135164

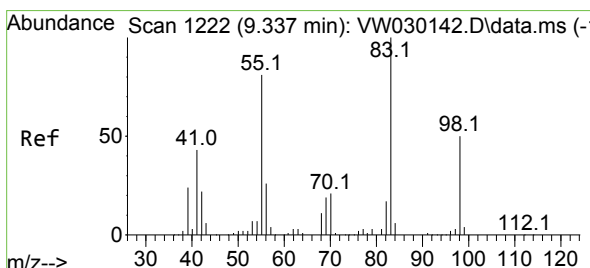
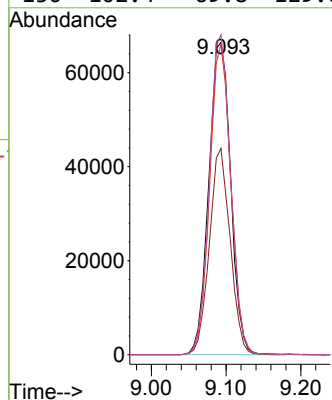
Ion Ratio Lower Upper

95 100

97 66.0 45.2 84.0

132 99.4 64.8 120.3

130 102.4 69.8 129.6



#35

Methylcyclohexane

Concen: 23.521 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

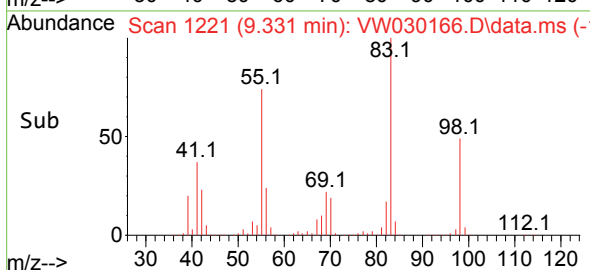
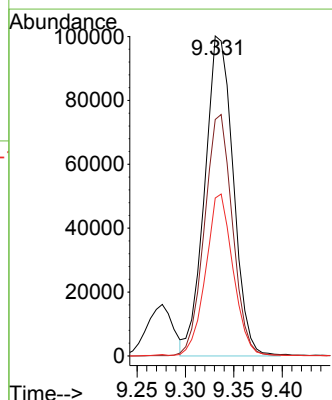
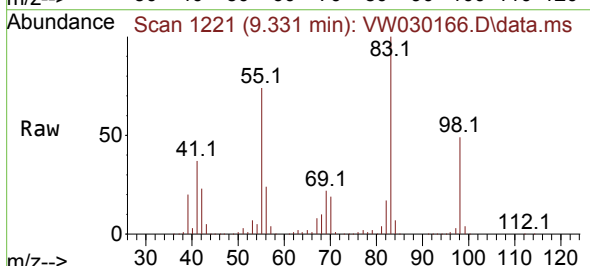
Tgt Ion: 83 Resp: 205730

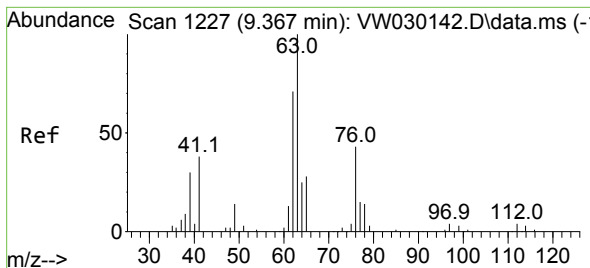
Ion Ratio Lower Upper

83 100

55 73.7 63.0 94.6

98 48.8 38.7 58.1





#37

1,2-Dichloropropane

Concen: 23.062 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_W

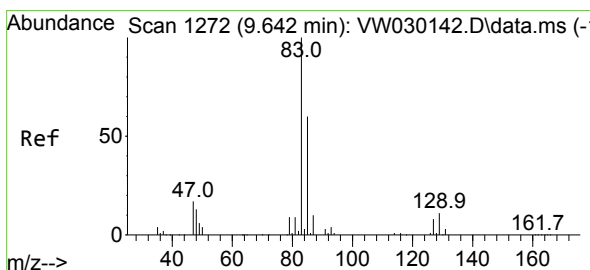
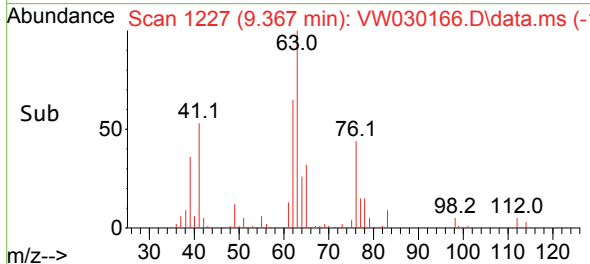
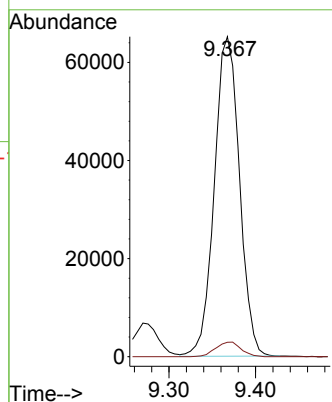
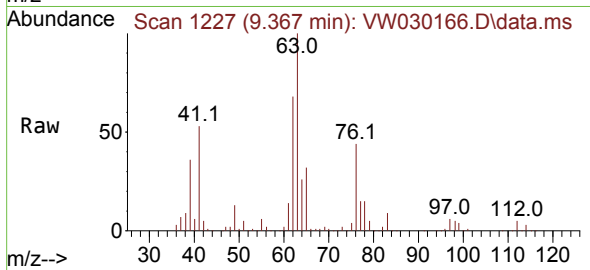
ClientSampleId :

Tgt Ion: 63 Resp: 131373

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 23.608 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

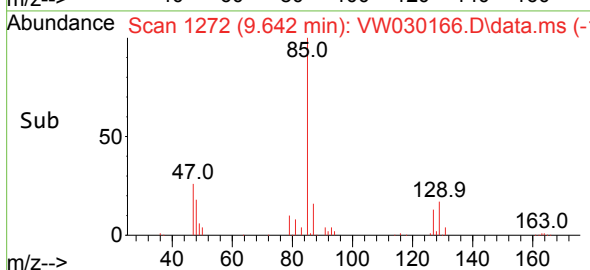
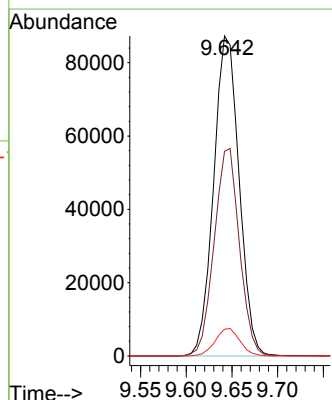
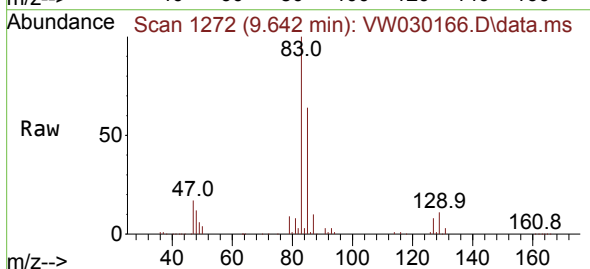
Tgt Ion: 83 Resp: 169338

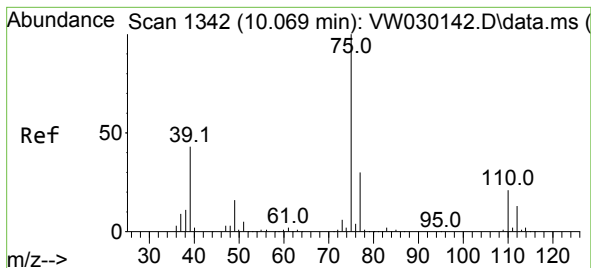
Ion Ratio Lower Upper

83 100

85 64.0 42.6 79.0

127 8.4 6.3 9.5

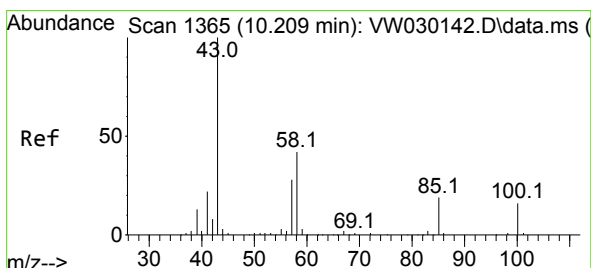
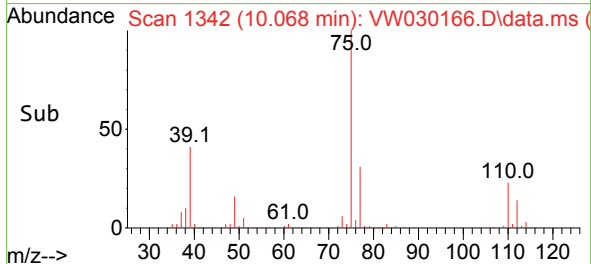
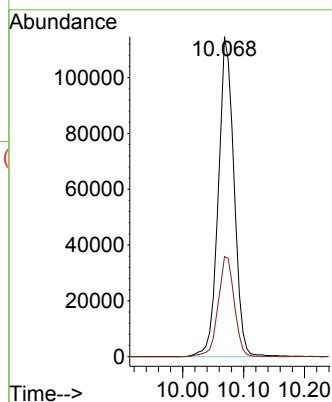
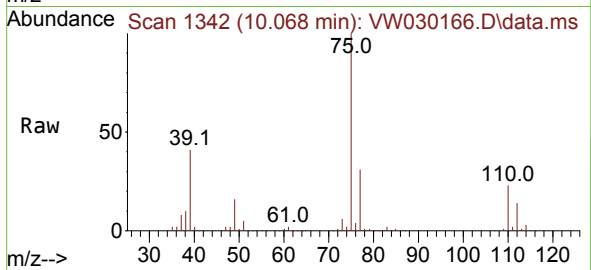




#39
 cis-1,3-Dichloropropene
 Concen: 24.611 ug/L
 RT: 10.068 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW030166.D
 Acq: 20 Sep 2024 09:32

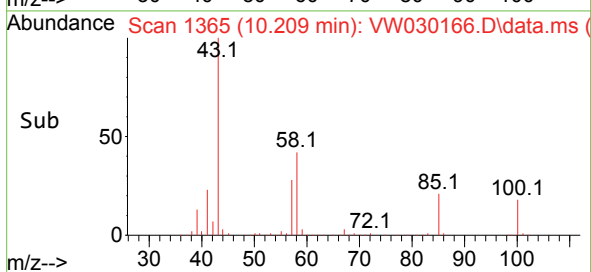
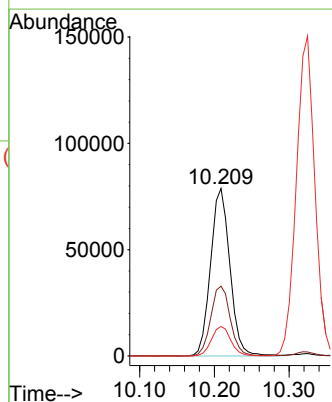
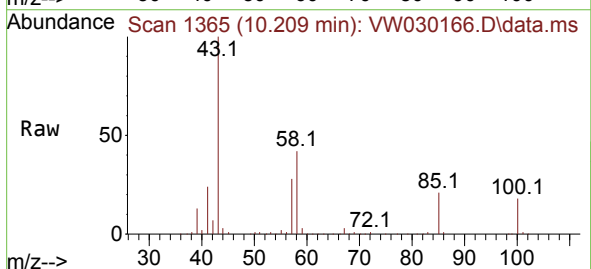
Instrument :
 MSVOA_W
 ClientSampleId :

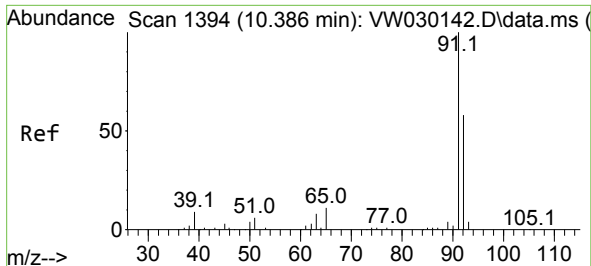
Tgt Ion: 75 Resp: 205091
 Ion Ratio Lower Upper
 75 100
 77 31.3 20.7 38.5



#40
 4-Methyl-2-pentanone
 Concen: 48.597 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW030166.D
 Acq: 20 Sep 2024 09:32

Tgt Ion: 43 Resp: 141450
 Ion Ratio Lower Upper
 43 100
 58 42.1 32.7 49.1
 100 17.6 12.7 19.1

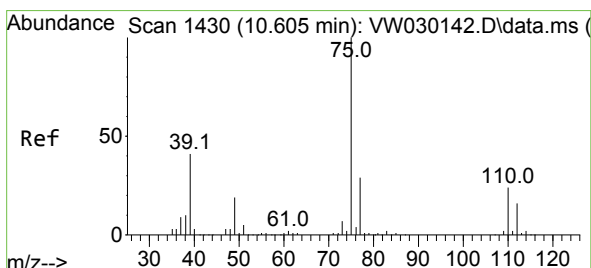
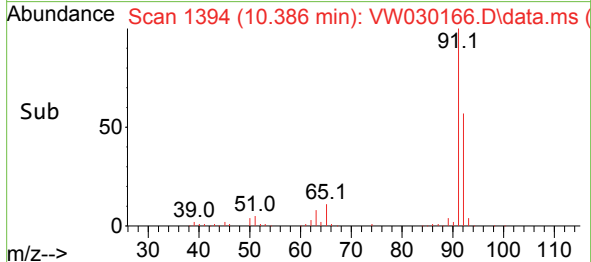
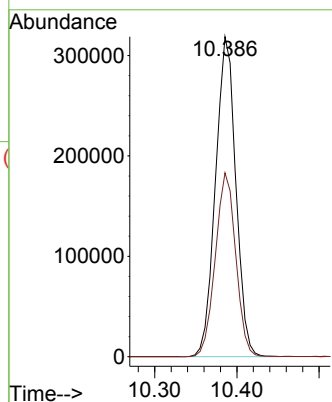
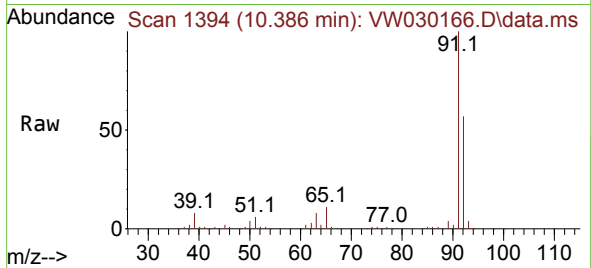




#42
Toluene
Concen: 24.541 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

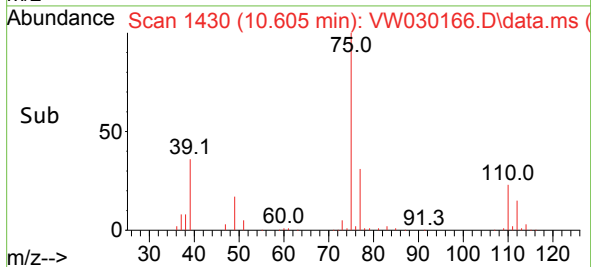
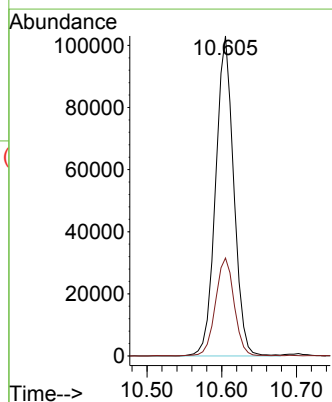
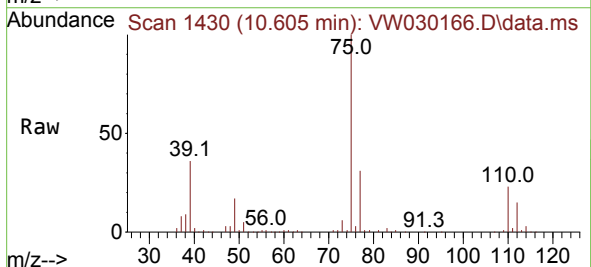
Instrument :
MSVOA_W
ClientSampleId :

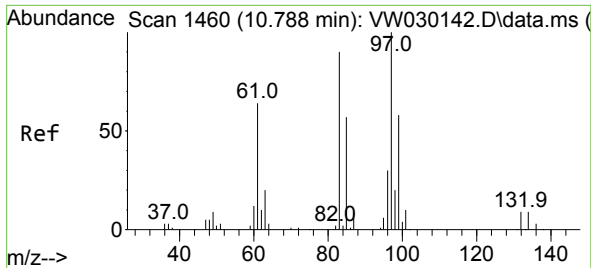
Tgt Ion: 91 Resp: 547280
Ion Ratio Lower Upper
91 100
92 57.4 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 24.787 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

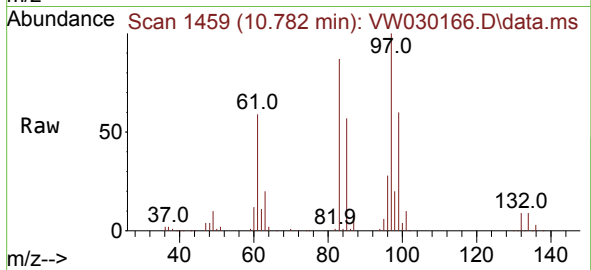
Tgt Ion: 75 Resp: 173760
Ion Ratio Lower Upper
75 100
77 30.6 21.2 39.4





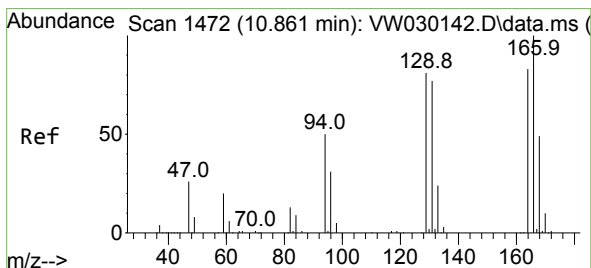
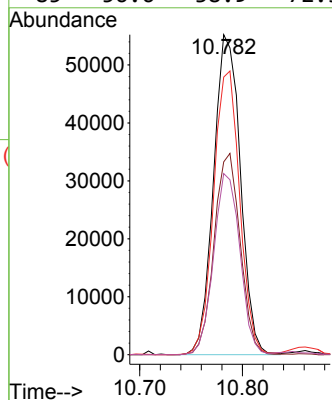
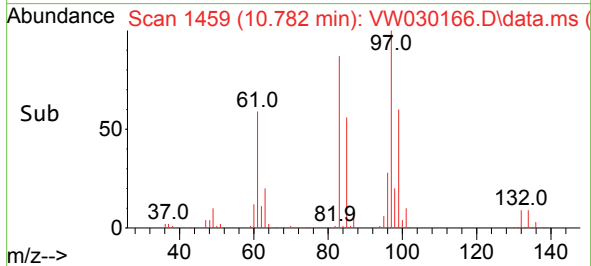
#45
1,1,2-Trichloroethane
Concen: 24.178 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Instrument :
MSVOA_W
ClientSampleId :

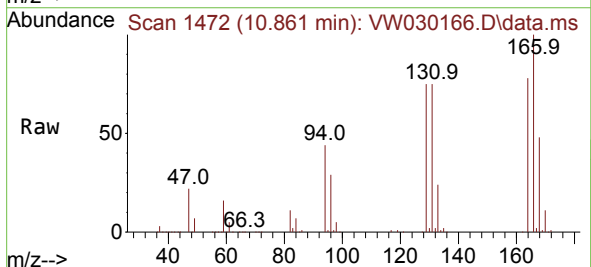


Tgt Ion: 97 Resp: 100217

Ion	Ratio	Lower	Upper
97	100		
99	60.2	45.6	84.8
83	86.8	64.0	119.0
85	56.6	38.9	72.3

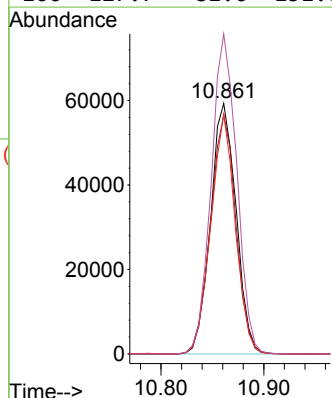
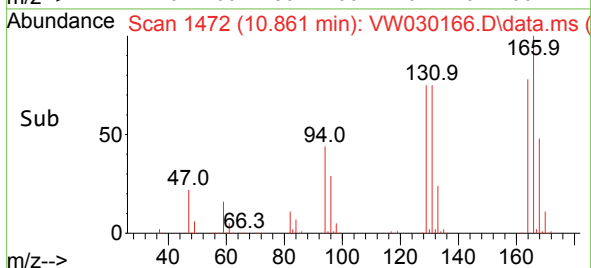


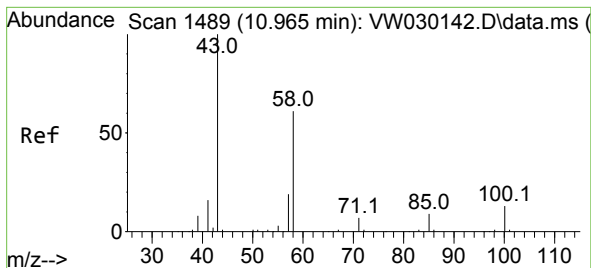
#46
Tetrachloroethene
Concen: 24.410 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32



Tgt Ion: 164 Resp: 102188

Ion	Ratio	Lower	Upper
164	100		
129	95.3	66.0	122.6
131	95.7	64.8	120.4
166	127.7	81.6	151.6





#48

2-Hexanone

Concen: 48.156 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

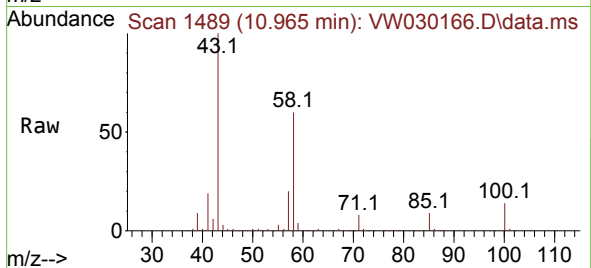
Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 107788

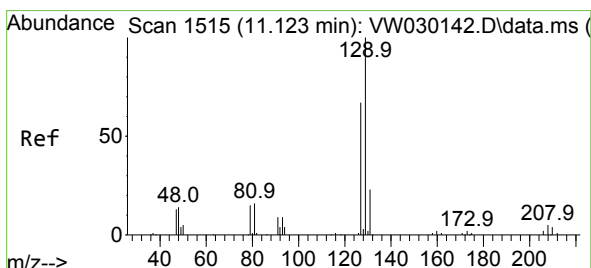
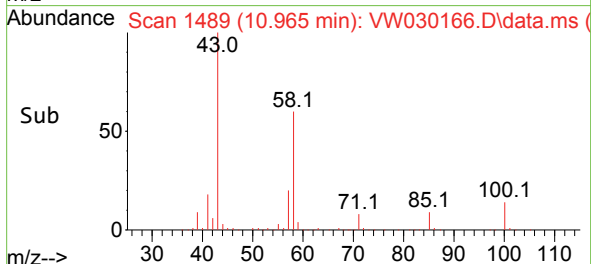
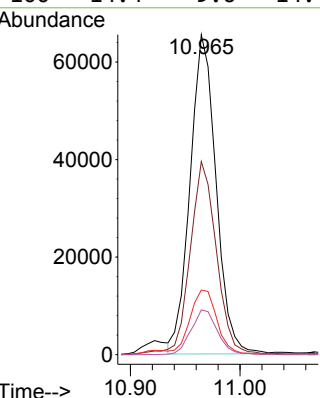
Ion Ratio Lower Upper

43 100

58 61.5 44.8 67.2

57 20.8 15.4 23.2

100 14.4 9.6 14.4



#49

Dibromochloromethane

Concen: 24.461 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW030166.D

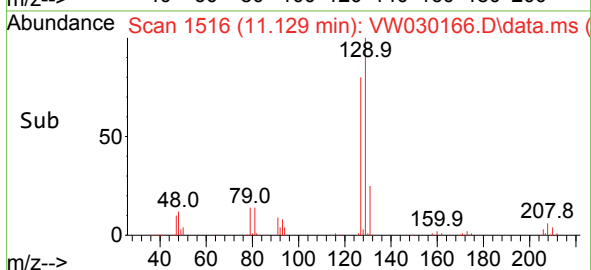
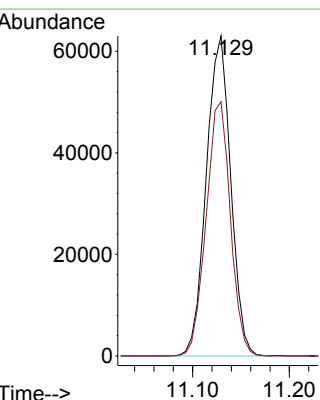
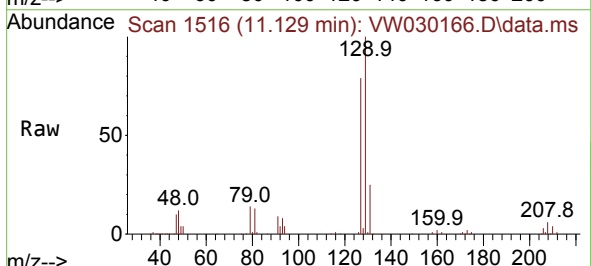
Acq: 20 Sep 2024 09:32

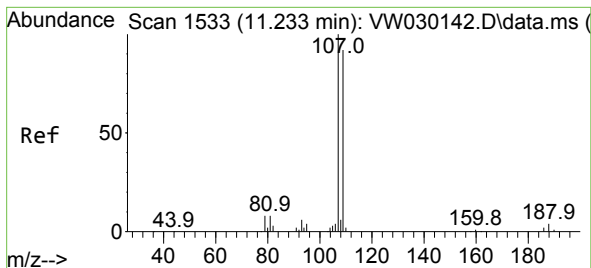
Tgt Ion:129 Resp: 110349

Ion Ratio Lower Upper

129 100

127 79.4 54.2 100.6

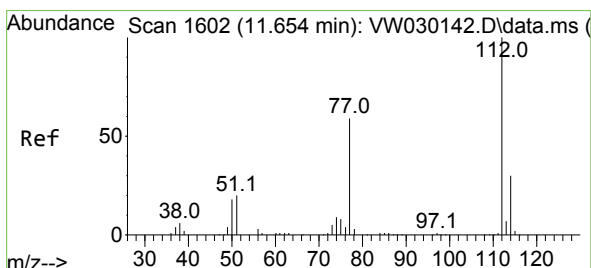
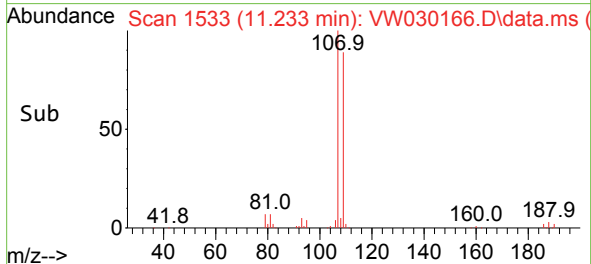
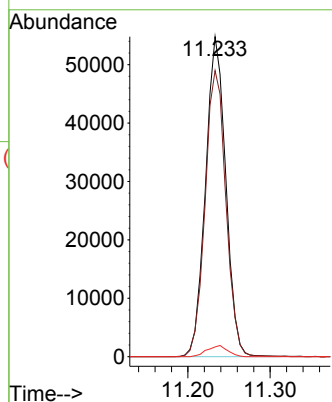
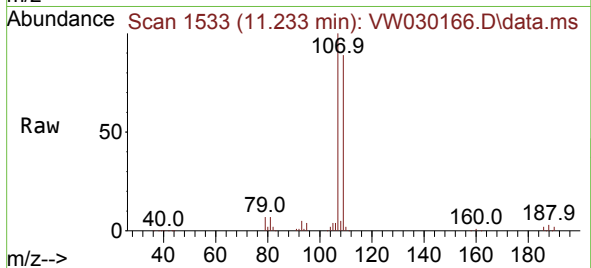




#50
1,2-Dibromoethane
Concen: 24.520 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

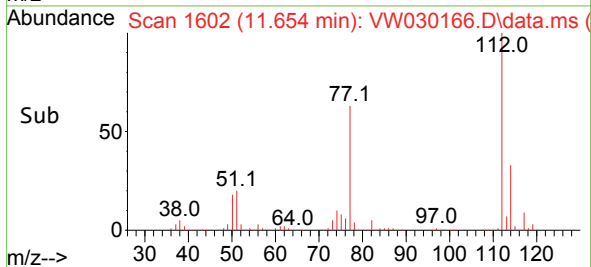
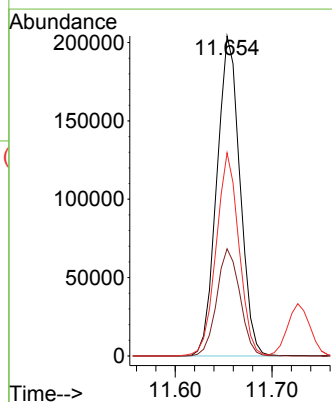
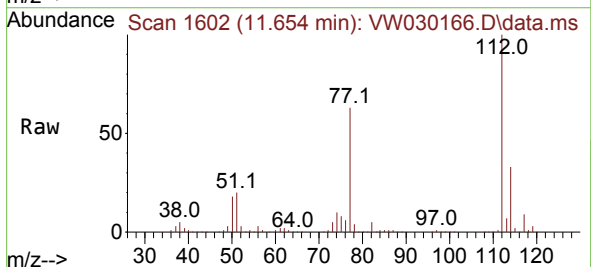
Instrument :
MSVOA_W
ClientSampleId :

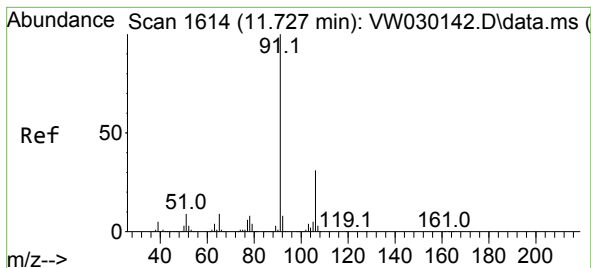
Tgt Ion:107 Resp: 93714
Ion Ratio Lower Upper
107 100
109 89.4 68.7 127.7
188 3.0 2.6 4.0



#51
Chlorobenzene
Concen: 23.548 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Tgt Ion:112 Resp: 339184
Ion Ratio Lower Upper
112 100
114 33.5 23.8 44.2
77 63.5 52.9 79.3

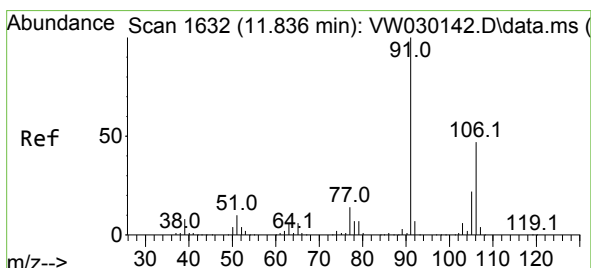
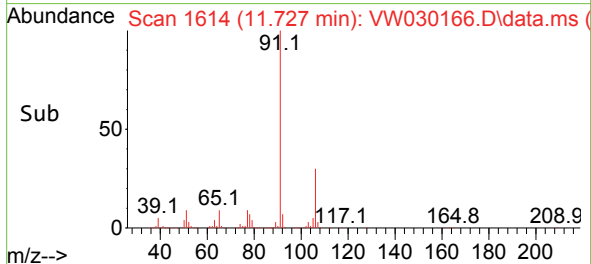
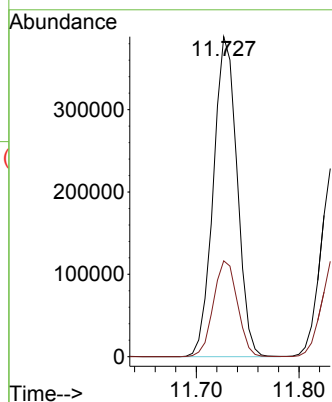
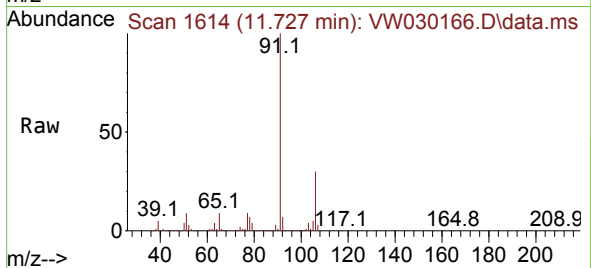




#52
Ethylbenzene
Concen: 24.416 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

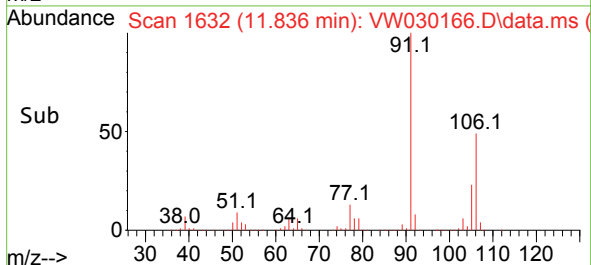
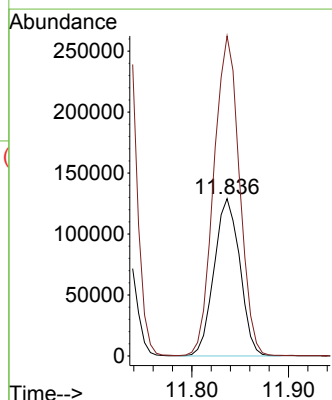
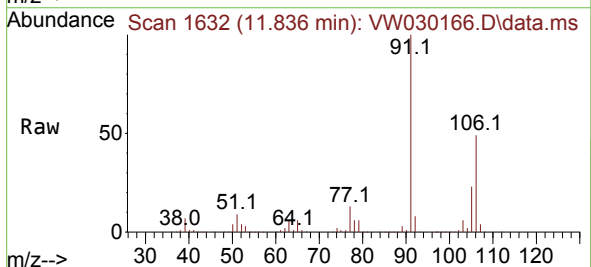
Instrument :
MSVOA_W
ClientSampleId :

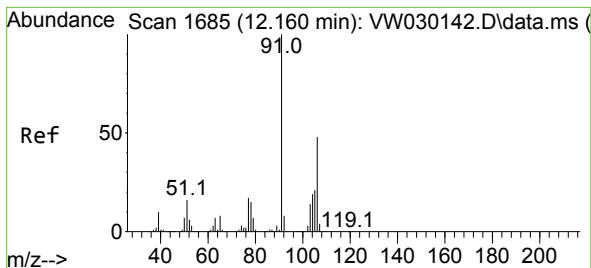
Tgt Ion: 91 Resp: 623286
Ion Ratio Lower Upper
91 100
106 29.9 21.9 40.7



#53
m,p-Xylene
Concen: 25.328 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Tgt Ion:106 Resp: 238561
Ion Ratio Lower Upper
106 100
91 203.5 152.9 283.9





#54

o-Xylene

Concen: 25.554 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_W

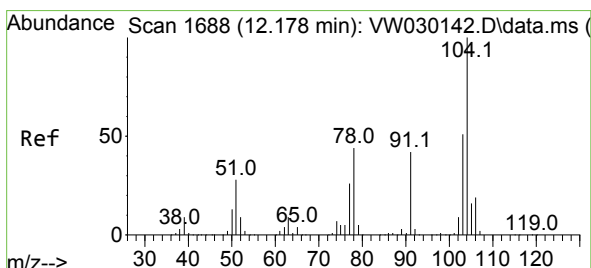
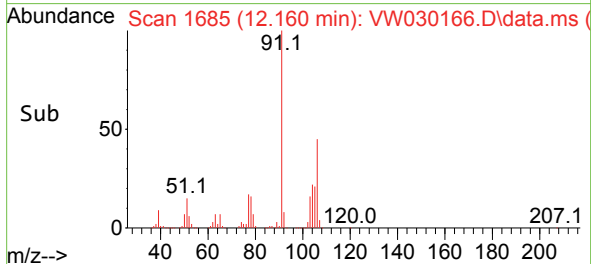
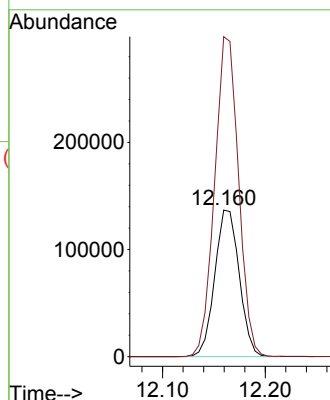
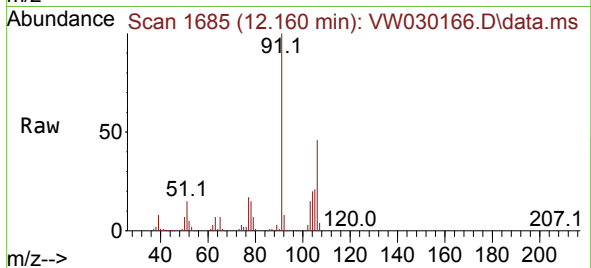
ClientSampleId :

Tgt Ion:106 Resp: 226489

Ion Ratio Lower Upper

106 100

91 218.3 158.1 293.7



#55

Styrene

Concen: 25.604 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030166.D

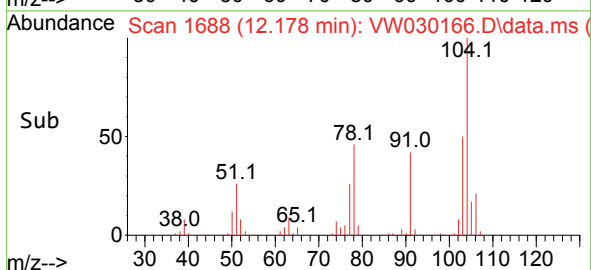
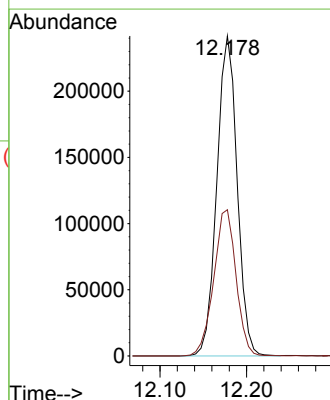
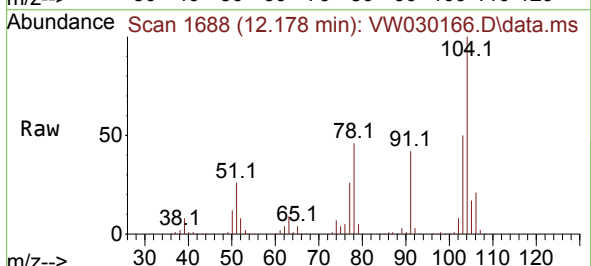
Acq: 20 Sep 2024 09:32

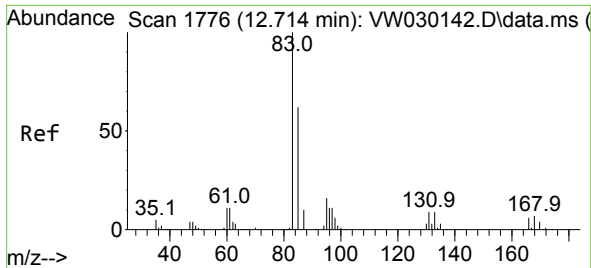
Tgt Ion:104 Resp: 393615

Ion Ratio Lower Upper

104 100

78 45.7 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 23.640 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_W

ClientSampleId :

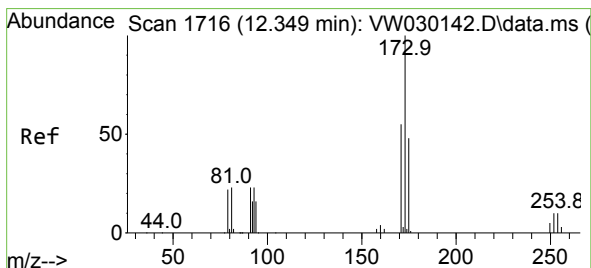
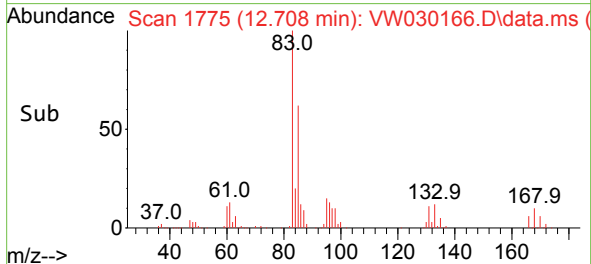
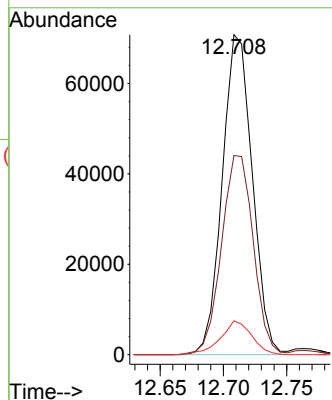
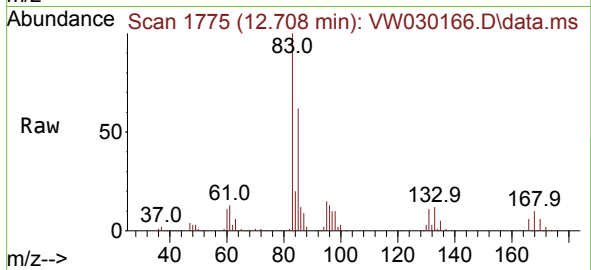
Tgt Ion: 83 Resp: 116959

Ion Ratio Lower Upper

83 100

85 62.3 44.5 82.7

131 10.6 7.4 11.2



#59

Bromoform

Concen: 25.282 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

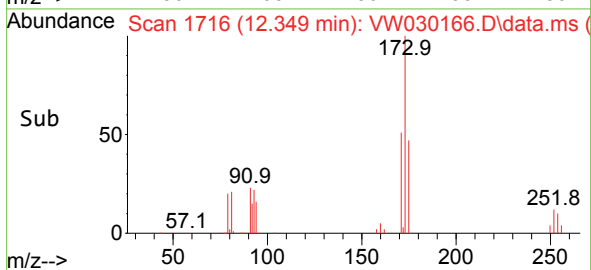
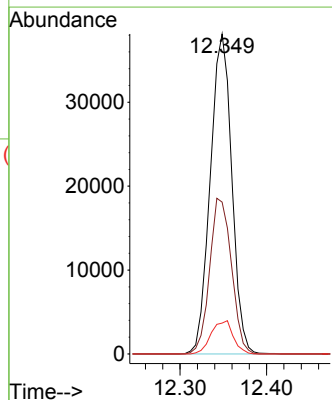
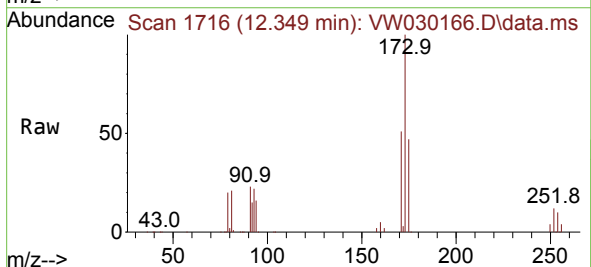
Tgt Ion:173 Resp: 65804

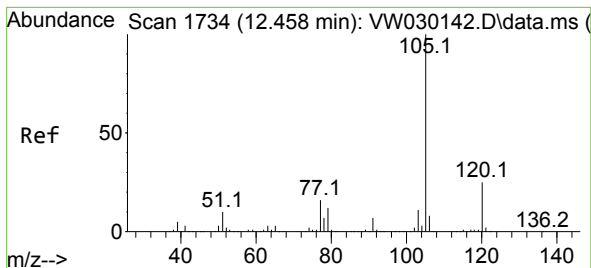
Ion Ratio Lower Upper

173 100

175 49.3 38.6 57.8

254 10.7 7.7 11.5





#60

Isopropylbenzene

Concen: 26.376 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_W

ClientSampleId :

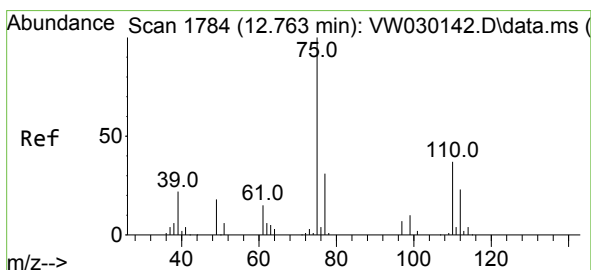
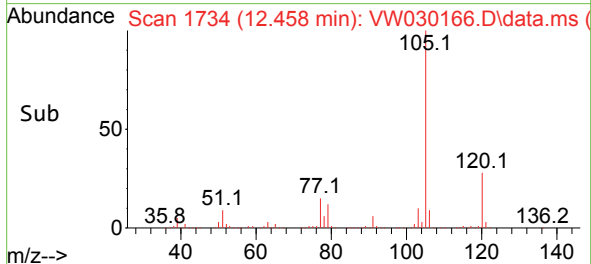
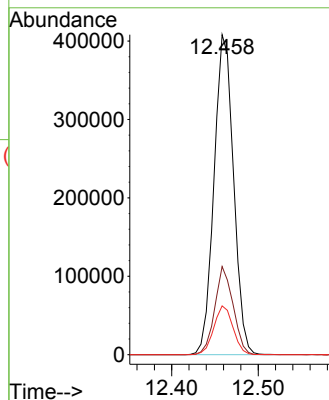
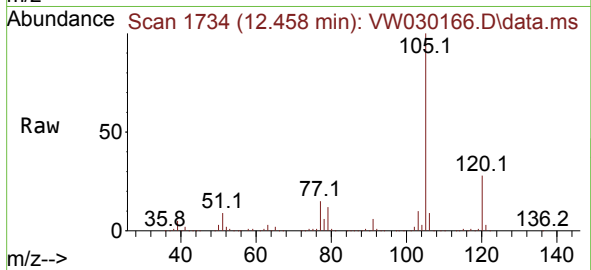
Tgt Ion:105 Resp: 638676

Ion Ratio Lower Upper

105 100

120 25.9 20.2 30.2

77 15.1 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 24.270 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

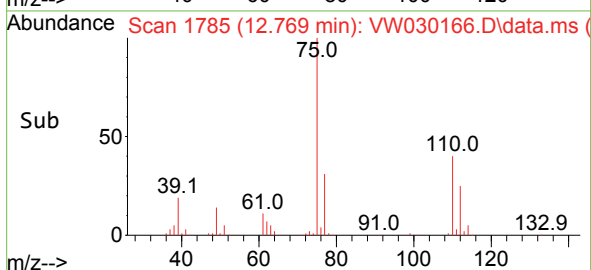
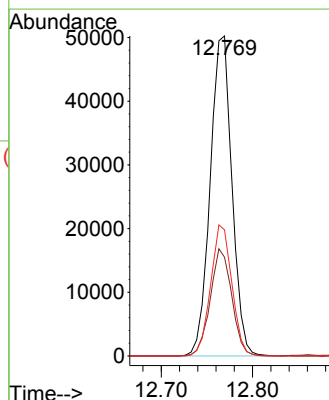
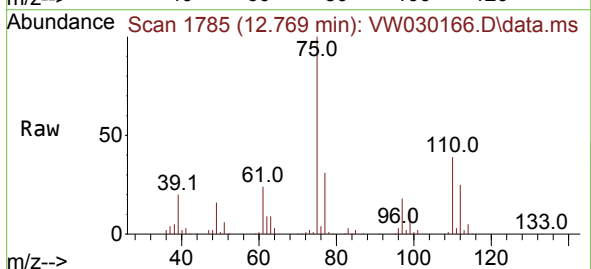
Tgt Ion: 75 Resp: 83036

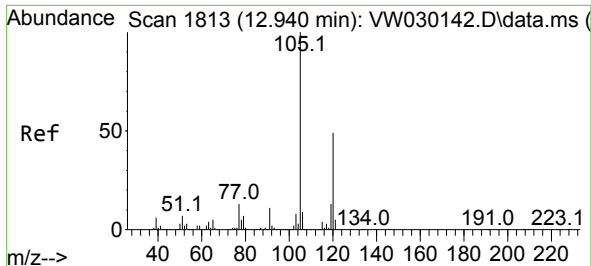
Ion Ratio Lower Upper

75 100

77 33.1 26.2 39.2

110 39.9 29.7 44.5

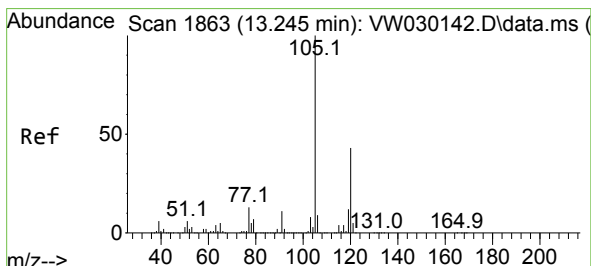
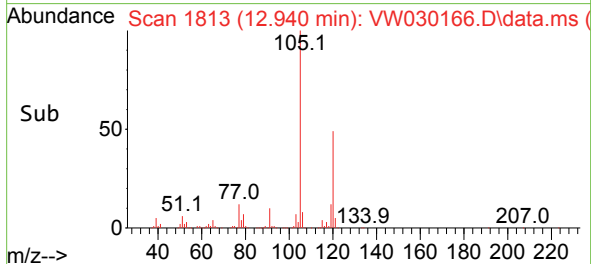
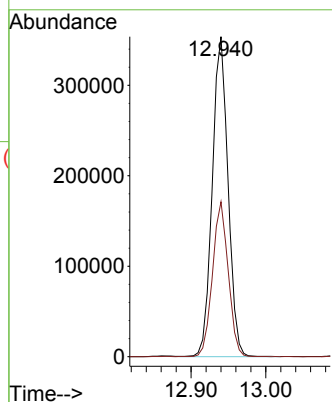
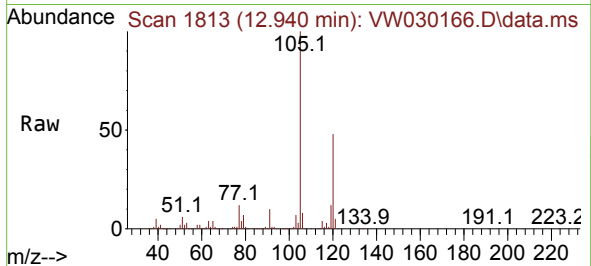




#62
1,3,5-Trimethylbenzene
Concen: 29.155 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

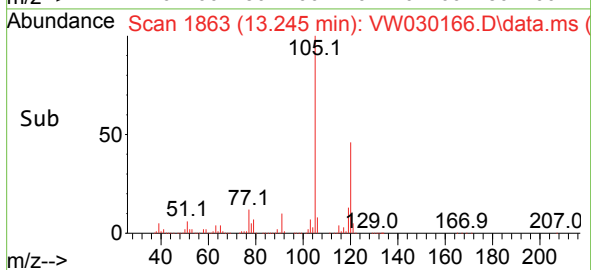
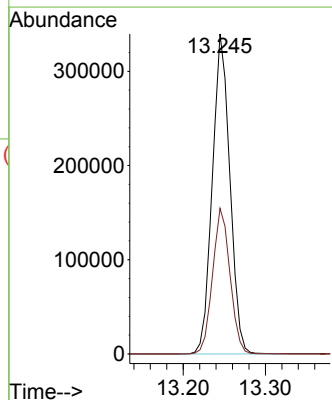
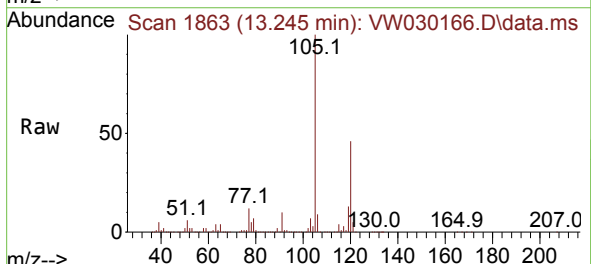
Instrument :
MSVOA_W
ClientSampleId :

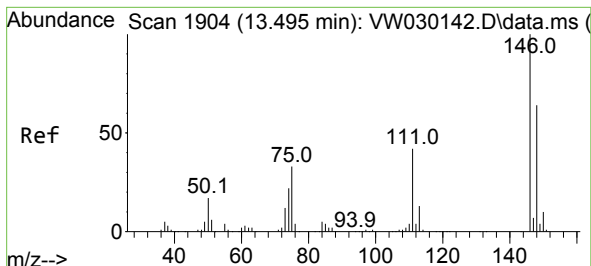
Tgt Ion:105 Resp: 517422
Ion Ratio Lower Upper
105 100
120 48.3 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 27.347 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030166.D
Acq: 20 Sep 2024 09:32

Tgt Ion:105 Resp: 504560
Ion Ratio Lower Upper
105 100
120 45.2 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 25.908 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_W

ClientSampleId :

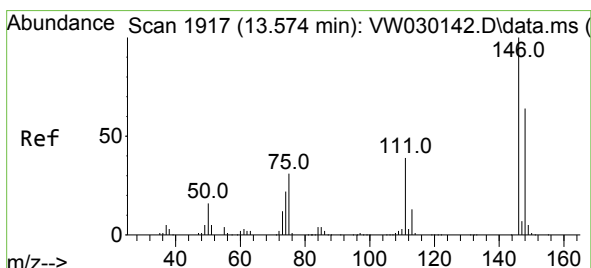
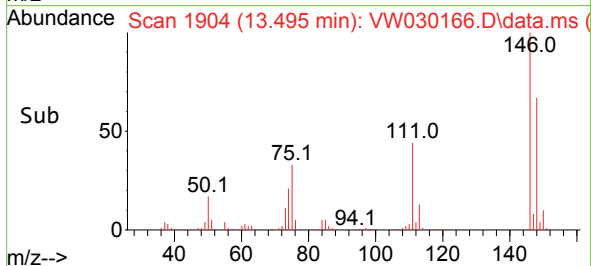
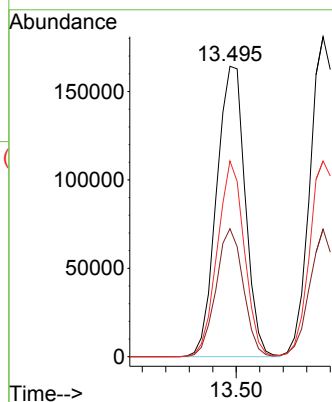
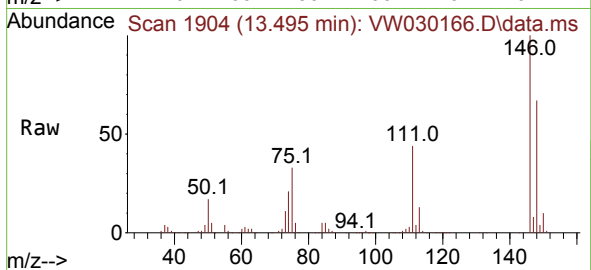
Tgt Ion:146 Resp: 278030

Ion Ratio Lower Upper

146 100

111 44.1 31.9 59.3

148 67.4 47.7 88.5



#65

1,4-Dichlorobenzene

Concen: 26.063 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

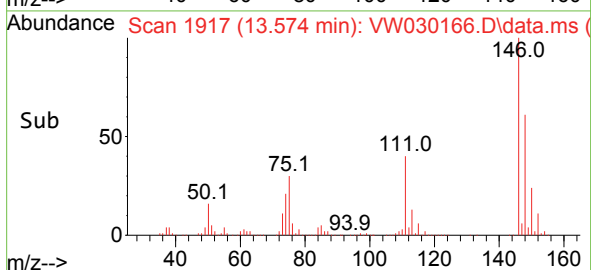
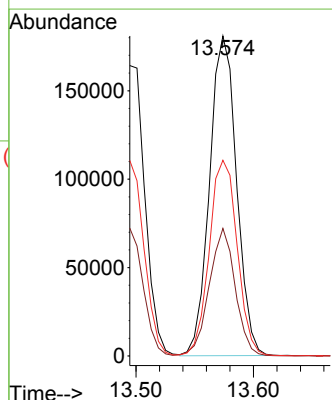
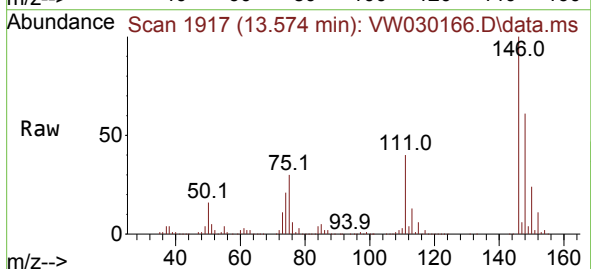
Tgt Ion:146 Resp: 288955

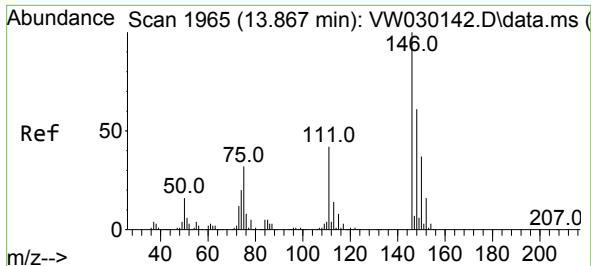
Ion Ratio Lower Upper

146 100

111 39.8 29.5 54.7

148 61.2 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 26.349 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

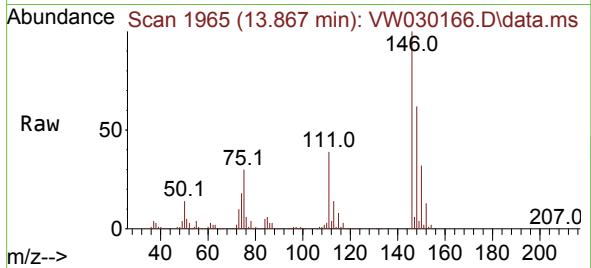
Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_W

ClientSampleId :



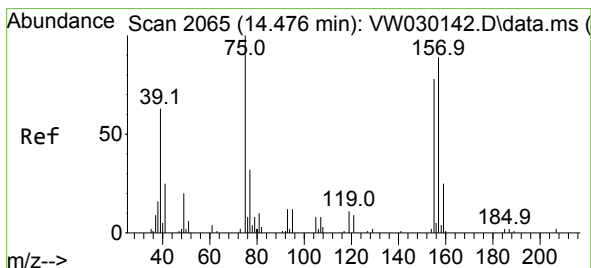
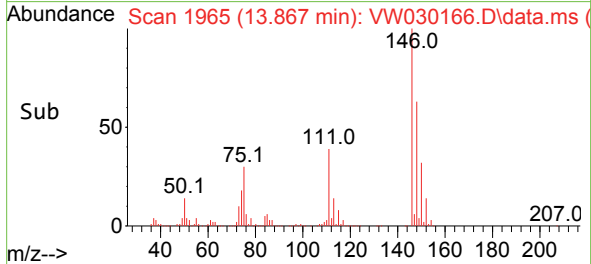
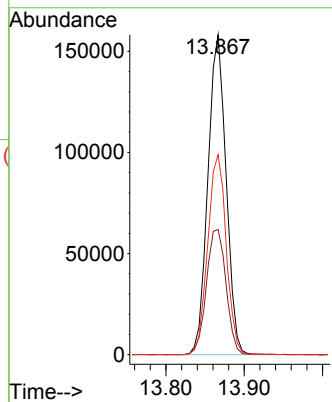
Tgt Ion:146 Resp: 254834

Ion Ratio Lower Upper

146 100

111 39.1 32.7 49.1

148 62.5 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.917 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

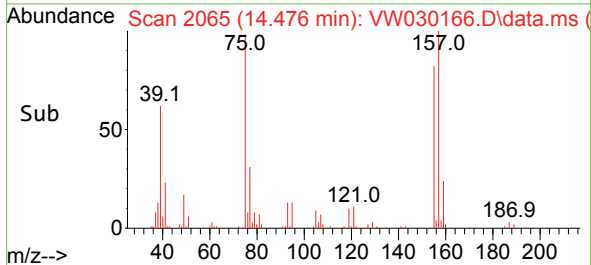
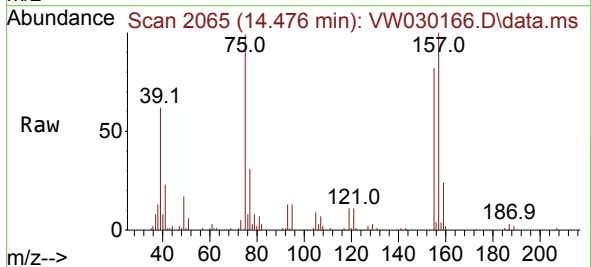
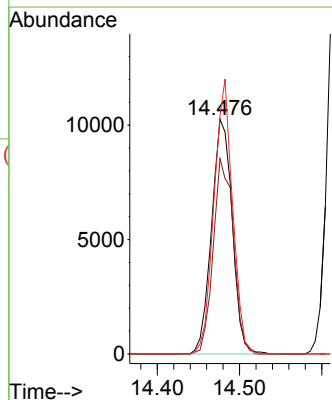
Tgt Ion: 75 Resp: 17846

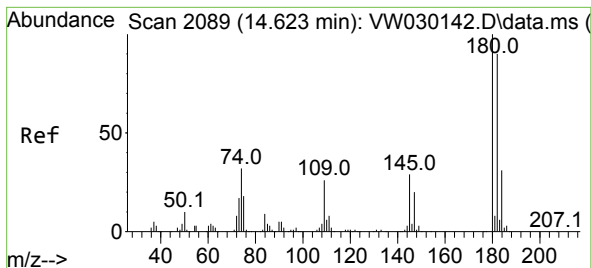
Ion Ratio Lower Upper

75 100

155 83.3 60.5 90.7

157 101.5 66.9 100.3#





#69

1,3,5-Trichlorobenzene

Concen: 25.988 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

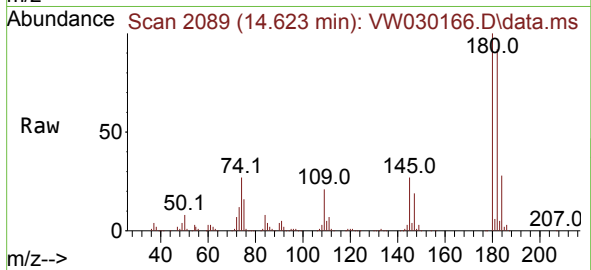
Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 194662

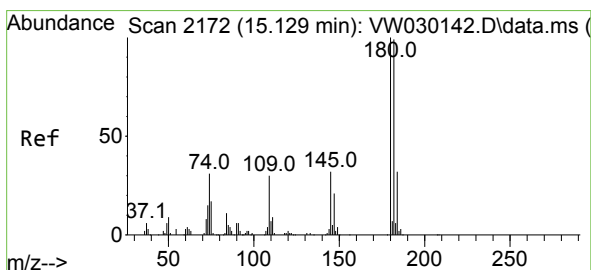
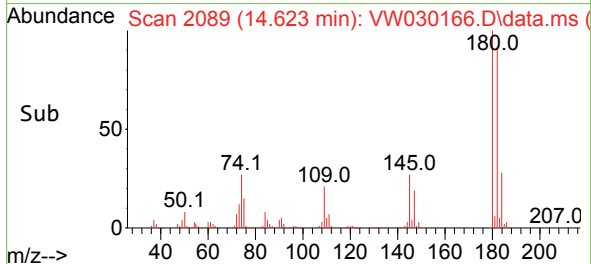
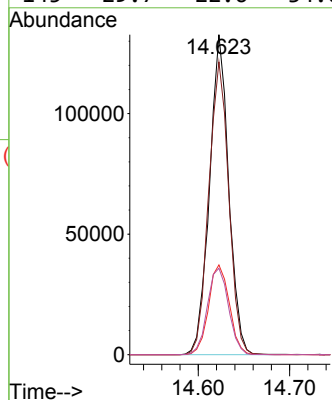
Ion Ratio Lower Upper

180 100

182 94.7 75.5 113.3

184 30.3 23.4 35.0

145 29.7 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 25.913 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

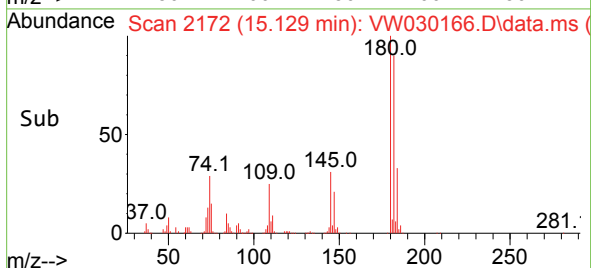
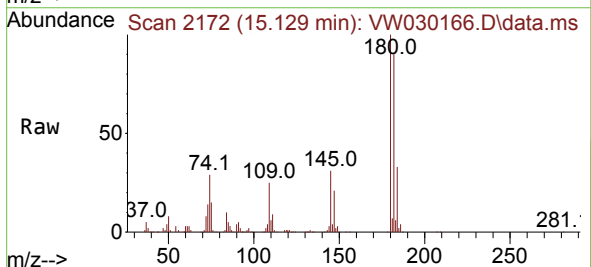
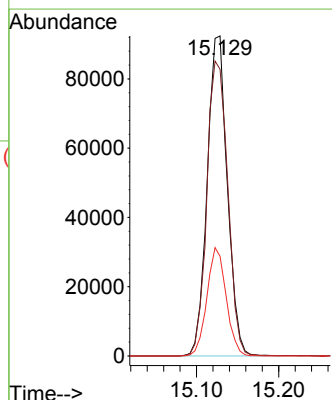
Tgt Ion:180 Resp: 157230

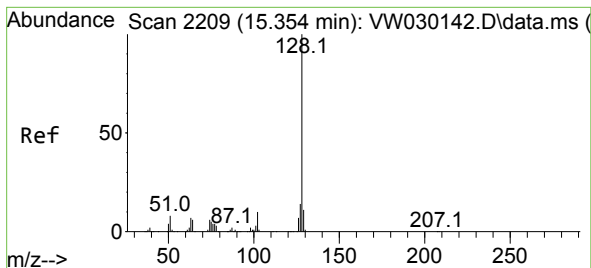
Ion Ratio Lower Upper

180 100

182 95.8 73.4 110.2

145 32.4 24.0 36.0





#71

Naphthalene

Concen: 28.518 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_W

ClientSampleId :

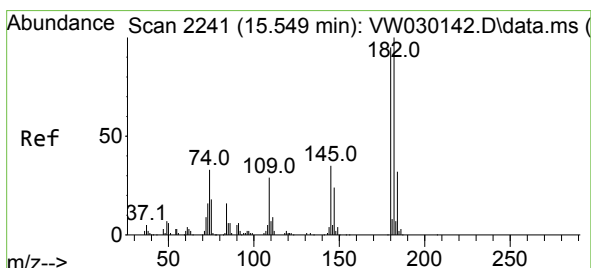
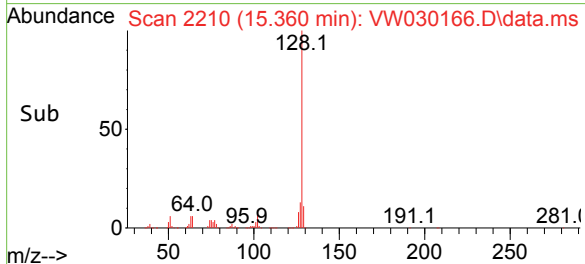
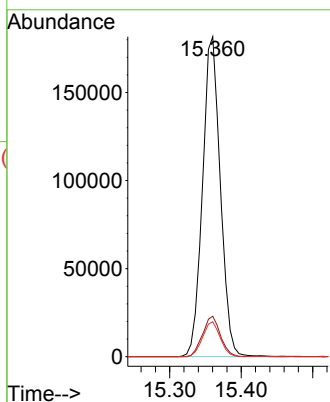
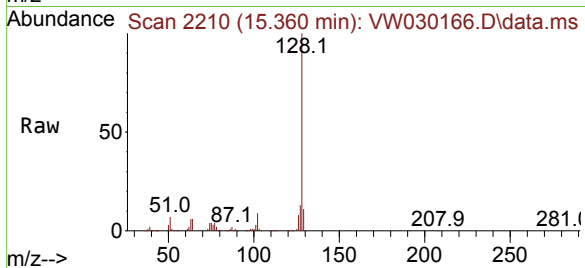
Tgt Ion:128 Resp: 314220

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.8 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 25.947 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030166.D

Acq: 20 Sep 2024 09:32

Tgt Ion:180 Resp: 138058

Ion Ratio Lower Upper

180 100

182 96.9 76.4 114.6

145 32.6 26.2 39.4

