

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029765.D
 Acq On : 26 Jul 2024 20:40
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 8.70g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 01:00:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 27 00:53:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	249973	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232927	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	113380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	60111	16.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.760%
7) Chloroethane-d5	2.893	69	50287	19.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	4.021	65	31308	19.327	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.320%
21) 2-Butanone-d5	7.075	46	47440	48.773	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.540%
24) Chloroform-d	7.648	84	152729	23.602	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	8.300	65	88787	24.089	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.360%
32) Benzene-d6	8.270	84	289325	22.989	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.960%
36) 1,2-Dichloropropane-d6	9.270	67	94410	23.493	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.960%
41) Toluene-d8	10.324	98	256315	22.905	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	10.574	79	38037	23.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.560%
47) 2-Hexanone-d5	10.922	63	32578	49.164	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74539	24.980	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	81801	23.235	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	67580	20.056	ug/L	98
3) Chloromethane	2.222	50	97687	23.429	ug/L	100
5) Vinyl chloride	2.375	62	97707	20.914	ug/L	100
6) Bromomethane	2.789	94	56837	22.155	ug/L	96
8) Chloroethane	2.935	64	61422	23.111	ug/L	99
9) Trichlorofluoromethane	3.265	101	81782	21.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	80040	21.535	ug/L	98
12) 1,1-Dichloroethene	4.045	96	75718	22.172	ug/L	96
13) Acetone	4.118	43	42327	35.016	ug/L	99
14) Carbon disulfide	4.392	76	251140	22.099	ug/L	99
15) Methyl Acetate	4.667	43	47986	23.834	ug/L	99
16) Methylene chloride	4.923	84	96916	18.546	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	85928	23.350	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	149541	24.656	ug/L	97
19) 1,1-Dichloroethane	6.215	63	182147	23.468	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	92851	23.260	ug/L	96
22) 2-Butanone	7.166	43	63666	41.106	ug/L	99
23) Bromochloromethane	7.514	128	40780	24.064	ug/L	91
25) Chloroform	7.672	83	173723	23.757	ug/L	97

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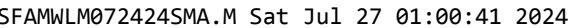
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 ClientSampleId :

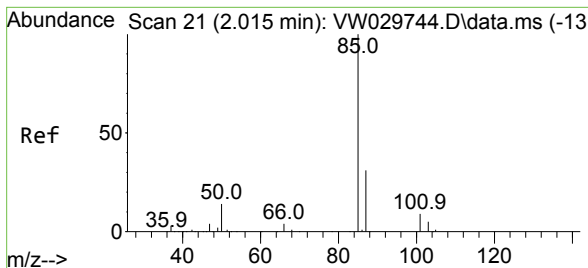
Quant Time: Jul 27 01:00:27 2024
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 Quant Title : SFAM01.0
 QLast Update : Sat Jul 27 00:53:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	127772	23.976	ug/L	99
29) Cyclohexane	7.959	56	153417	23.177	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	131121	22.229	ug/L	99
31) Carbon tetrachloride	8.069	117	121844	22.924	ug/L	99
33) Benzene	8.325	78	378160	23.695	ug/L	100
34) Trichloroethene	9.087	95	97641	23.338	ug/L	91
35) Methylcyclohexane	9.331	83	165181	23.694	ug/L	99
37) 1,2-Dichloropropane	9.367	63	105269	24.070	ug/L	100
38) Bromodichloromethane	9.642	83	124067	23.822	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	152955	24.014	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	140216	50.474	ug/L	99
42) Toluene	10.385	91	388402	23.842	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	126310	23.888	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	71103	24.200	ug/L	96
46) Tetrachloroethene	10.861	164	65815	21.644	ug/L	93
48) 2-Hexanone	10.964	43	98586	47.384	ug/L	98
49) Dibromochloromethane	11.129	129	74428	24.401	ug/L	98
50) 1,2-Dibromoethane	11.233	107	64966	23.897	ug/L	96
51) Chlorobenzene	11.653	112	237755	23.463	ug/L	98
52) Ethylbenzene	11.727	91	446924	24.321	ug/L	99
53) m,p-Xylene	11.836	106	162866	24.099	ug/L	94
54) o-Xylene	12.159	106	154554	24.834	ug/L	91
55) Styrene	12.178	104	263140	24.393	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.708	83	86270	23.923	ug/L #	96
59) Bromoform	12.348	173	39565	23.191	ug/L	95
60) Isopropylbenzene	12.458	105	425215	24.236	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65109	23.611	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	344224	26.396	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	354984	25.453	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	175741	23.478	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	177963	23.145	ug/L	93
67) 1,2-Dichlorobenzene	13.866	146	162641	23.865	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14271	22.793	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	118146	23.069	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	98704	22.876	ug/L	96
71) Naphthalene	15.360	128	206596	25.094	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	90008	23.048	ug/L	96

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

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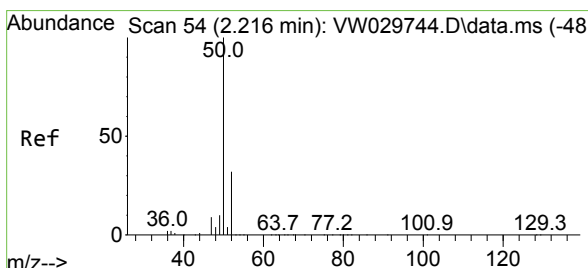
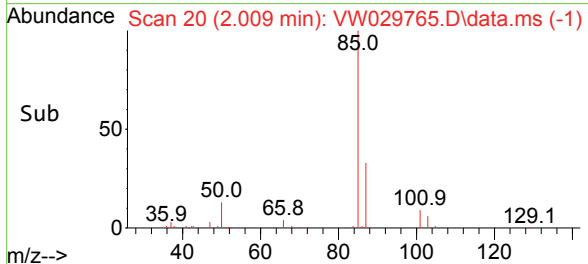
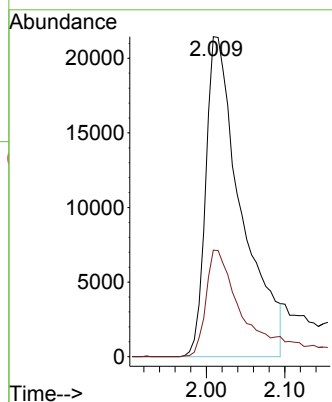
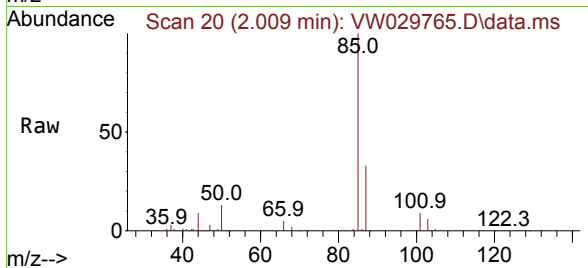




#2
 Dichlorodifluoromethane
 Concen: 20.056 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW029765.D
 Acq: 26 Jul 2024 20:40

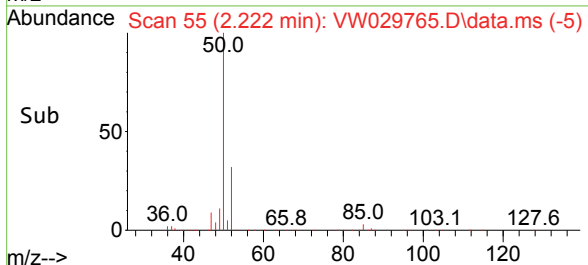
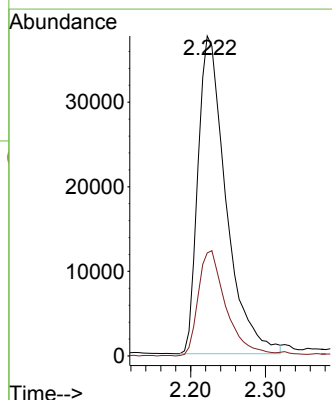
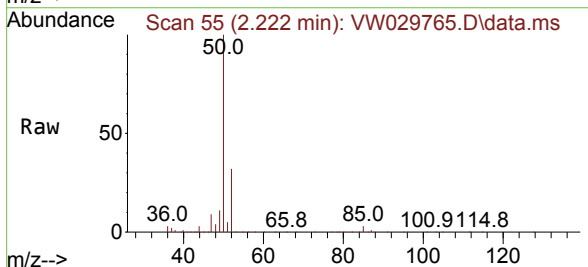
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 ClientSampleId :

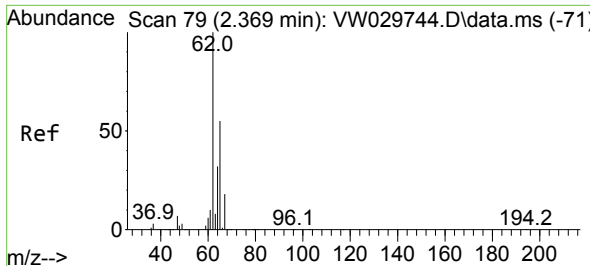
Tgt Ion: 85 Resp: 67580
 Ion Ratio Lower Upper
 85 100
 87 30.7 25.5 38.3



#3
 Chloromethane
 Concen: 23.429 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW029765.D
 Acq: 26 Jul 2024 20:40

Tgt Ion: 50 Resp: 97687
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.5 41.9

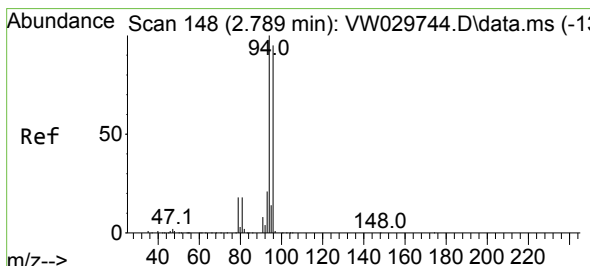
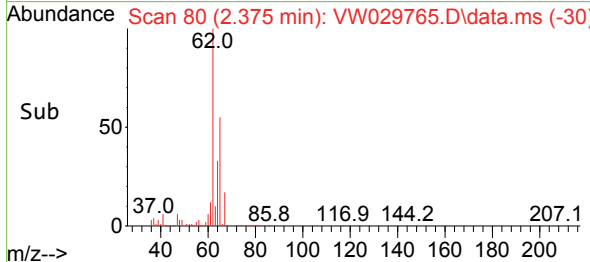
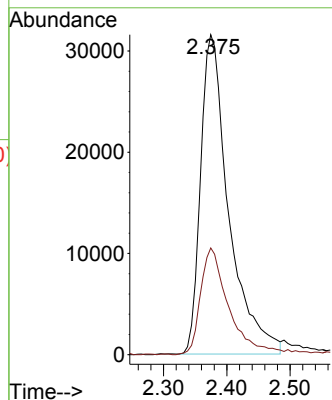
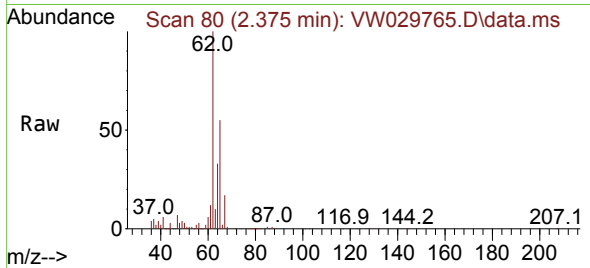




#5
 Vinyl chloride
 Concen: 20.914 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW029765.D
 Acq: 26 Jul 2024 20:40

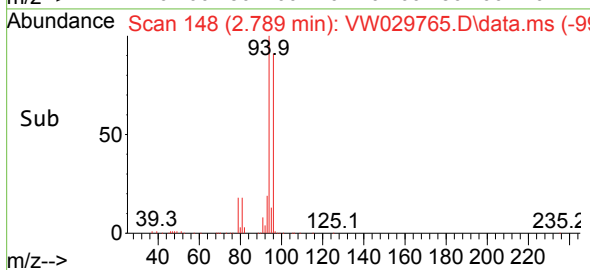
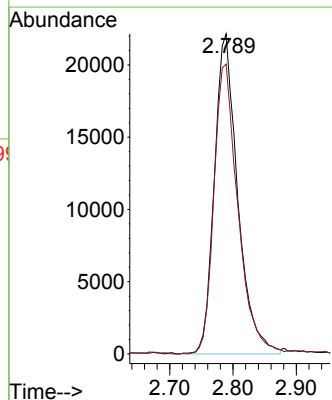
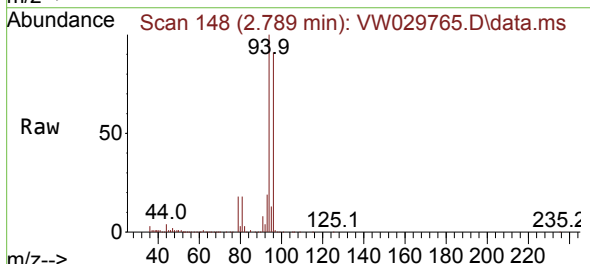
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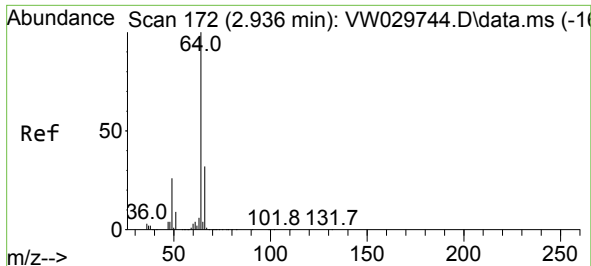
Tgt Ion: 62 Resp: 97707
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.2



#6
 Bromomethane
 Concen: 22.155 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029765.D
 Acq: 26 Jul 2024 20:40

Tgt Ion: 94 Resp: 56837
 Ion Ratio Lower Upper
 94 100
 96 90.6 66.2 123.0

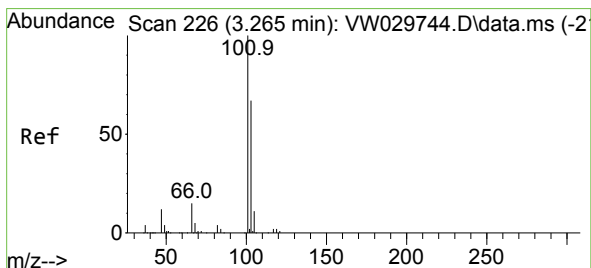
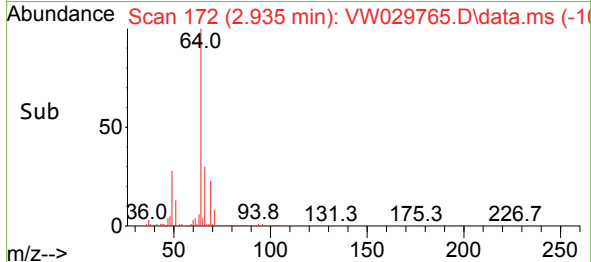
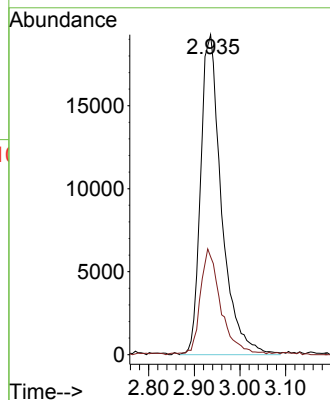
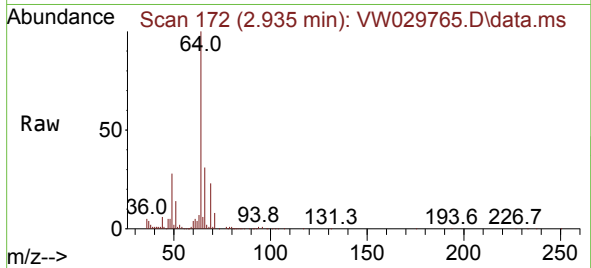




#8
Chloroethane
Concen: 23.111 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

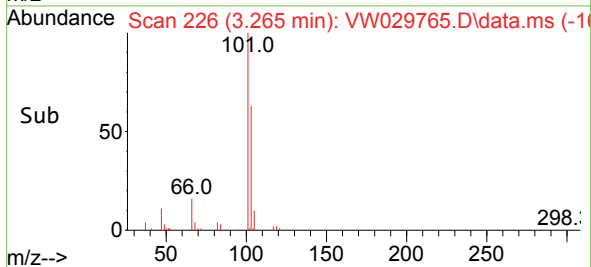
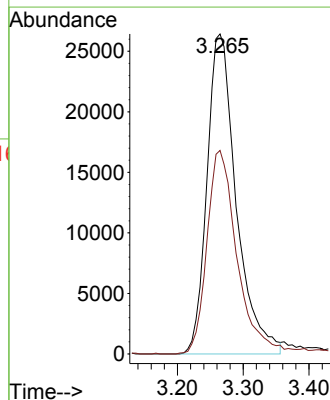
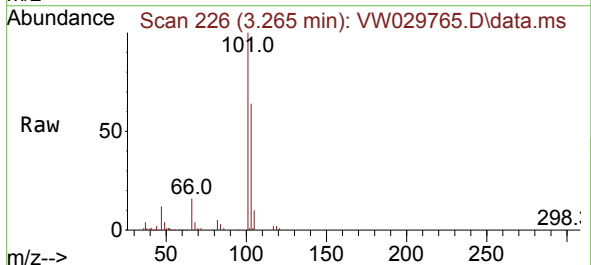
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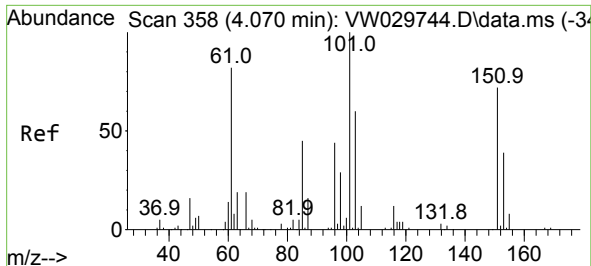
Tgt Ion: 64 Resp: 61422
Ion Ratio Lower Upper
64 100
66 30.6 21.2 39.4



#9
Trichlorofluoromethane
Concen: 21.915 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Tgt Ion:101 Resp: 81782
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.4

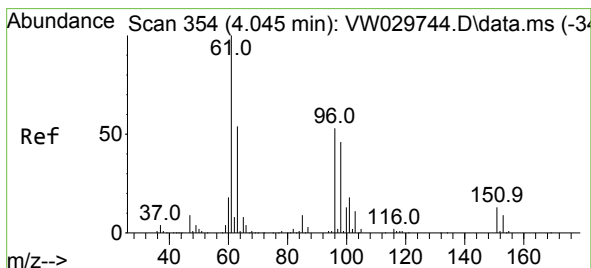
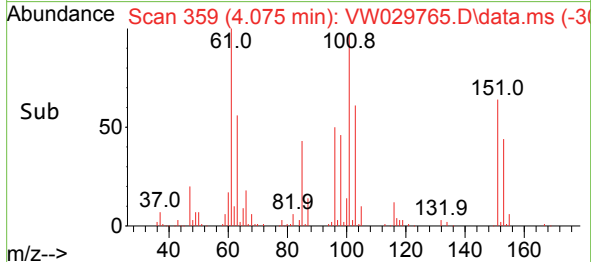
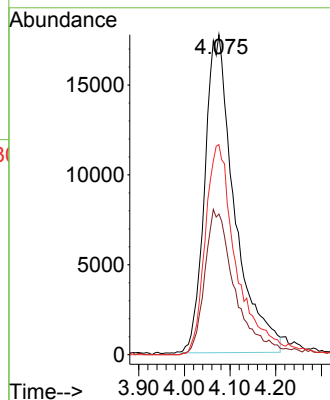
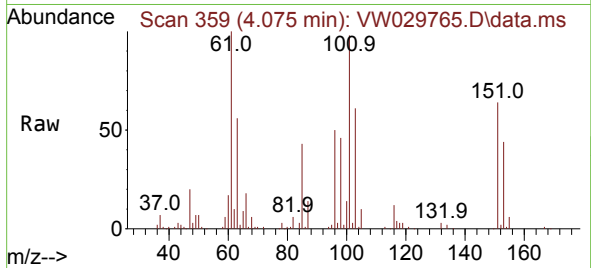




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.535 ug/L
 RT: 4.075 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW029765.D
 Acq: 26 Jul 2024 20:40

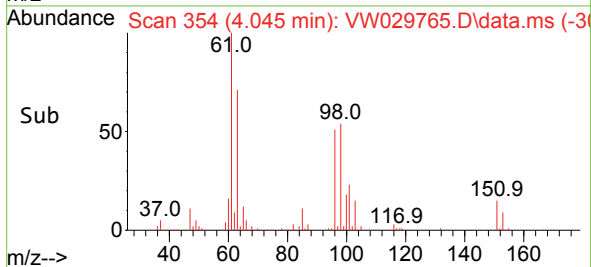
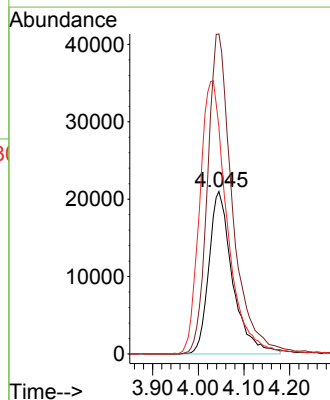
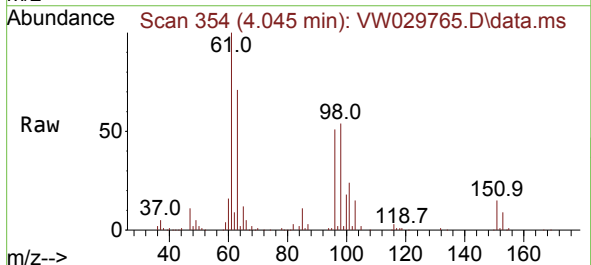
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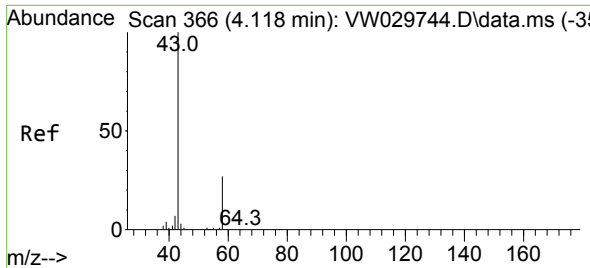
Tgt Ion:101 Resp: 80040
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.2 51.4
 151 68.4 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.172 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW029765.D
 Acq: 26 Jul 2024 20:40

Tgt Ion: 96 Resp: 75718
 Ion Ratio Lower Upper
 96 100
 61 197.0 138.3 256.9
 63 139.6 89.0 165.4





#13

Acetone

Concen: 35.016 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

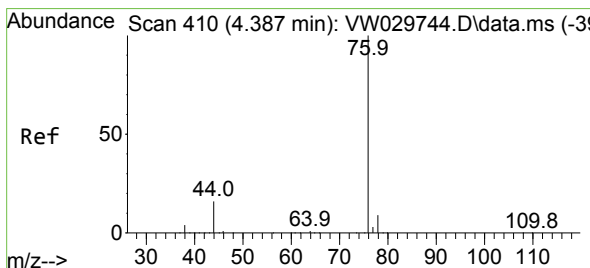
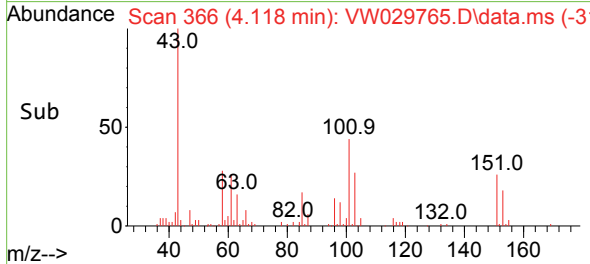
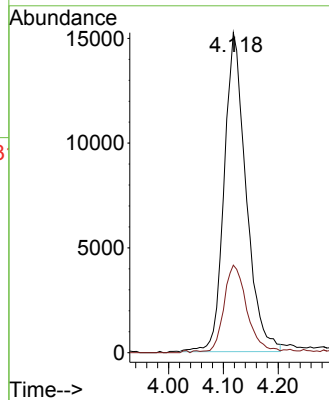
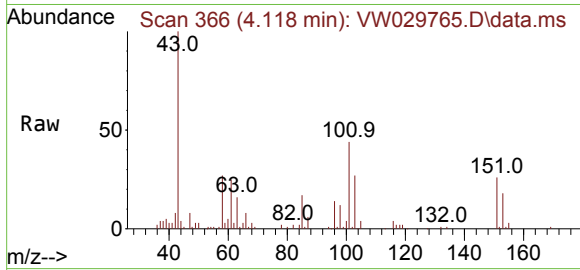
ClientSampleId :

Tgt Ion: 43 Resp: 42327

Ion Ratio Lower Upper

43 100

58 28.4 0.0 57.6



#14

Carbon disulfide

Concen: 22.099 ug/L

RT: 4.392 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW029765.D

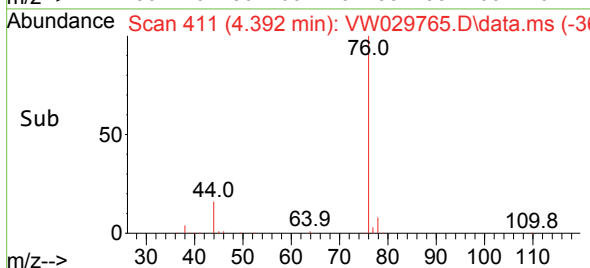
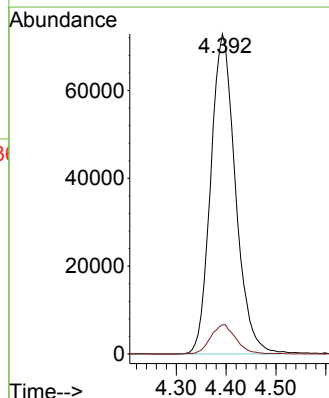
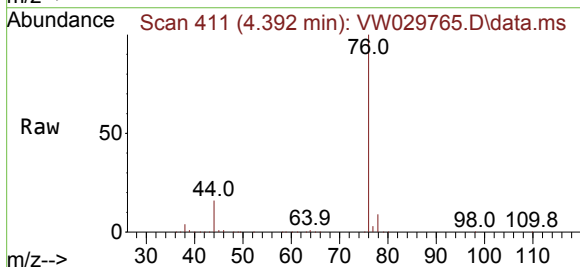
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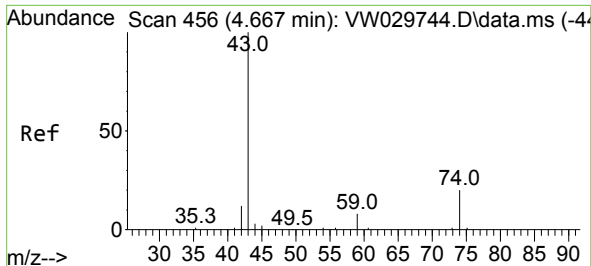
Tgt Ion: 76 Resp: 251140

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

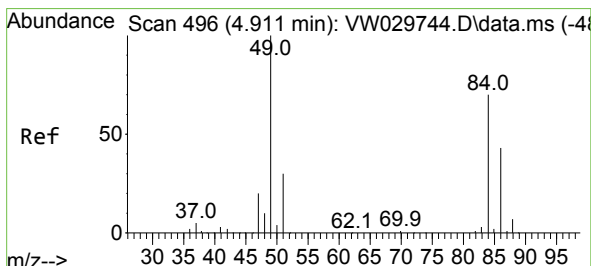
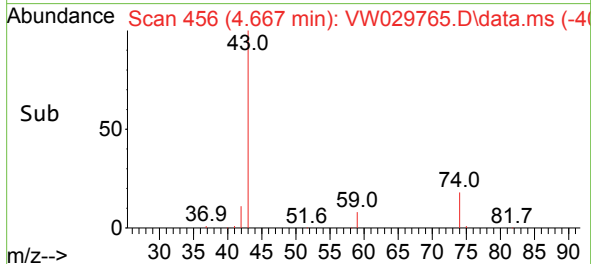
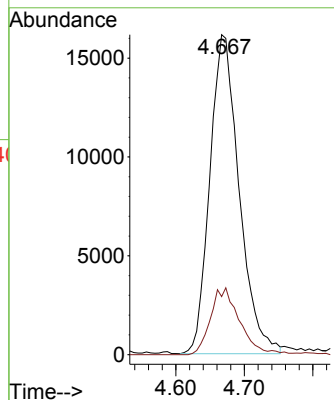
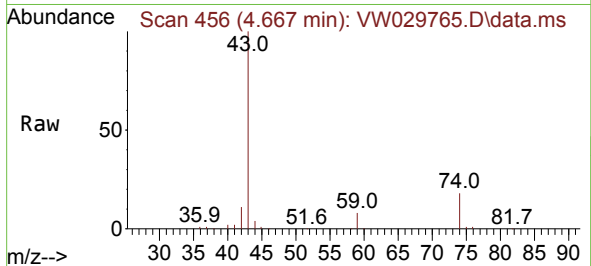




#15
Methyl Acetate
Concen: 23.834 ug/L
RT: 4.667 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

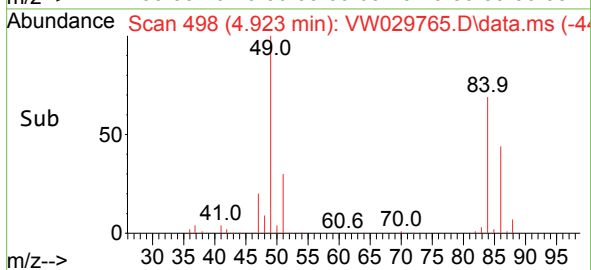
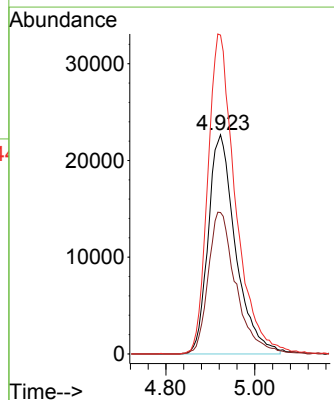
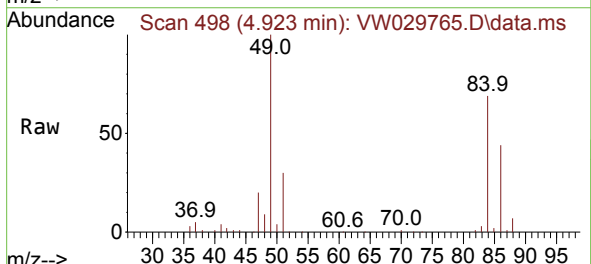
Instrument :
MSVOA_W
ClientSampleId :

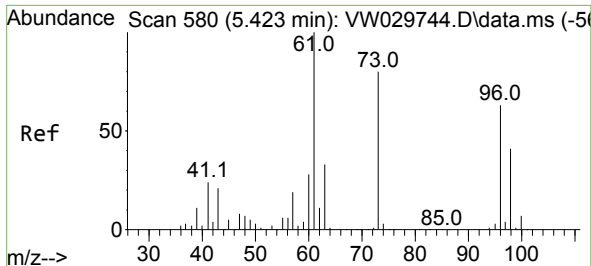
Tgt Ion: 43 Resp: 47986
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7



#16
Methylene chloride
Concen: 18.546 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Tgt Ion: 84 Resp: 96916
Ion Ratio Lower Upper
84 100
86 64.5 44.7 82.9
49 145.4 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 23.350 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

ClientSampleId :

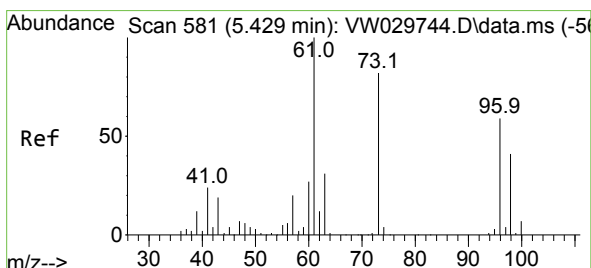
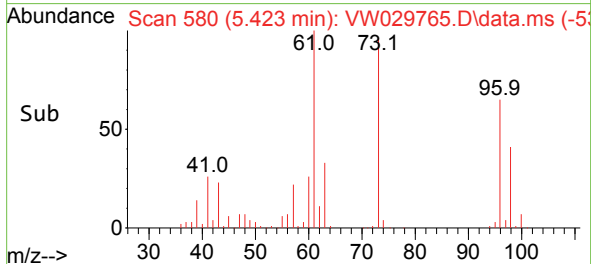
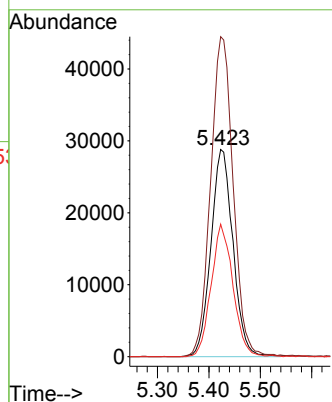
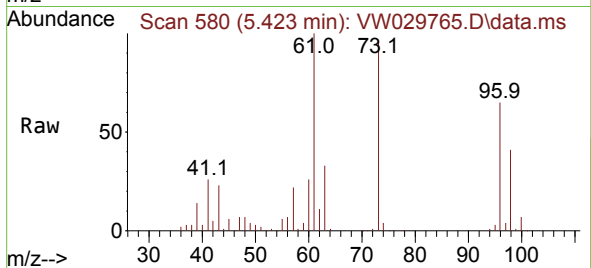
Tgt Ion: 96 Resp: 85928

Ion Ratio Lower Upper

96 100

61 154.5 111.2 206.6

98 63.9 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 24.656 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

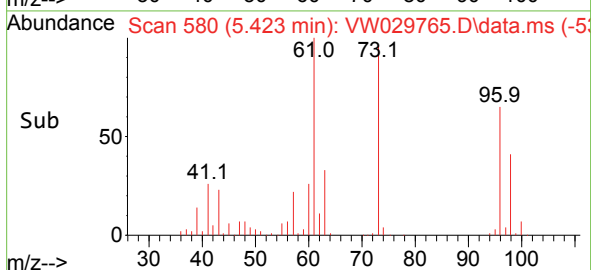
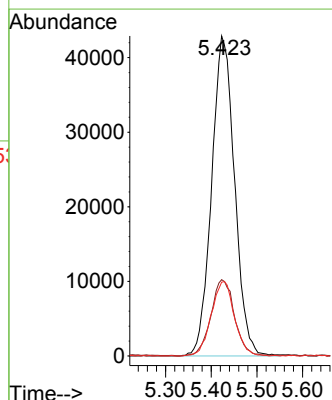
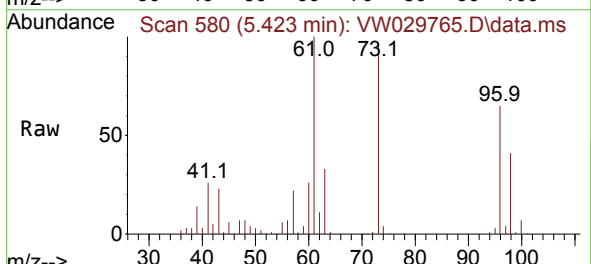
Tgt Ion: 73 Resp: 149541

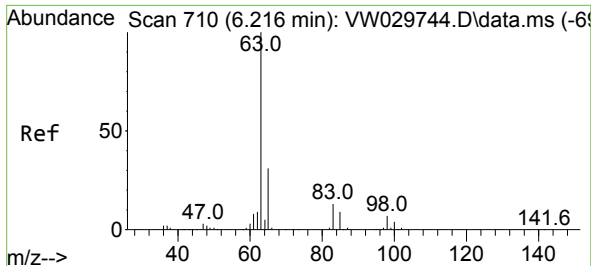
Ion Ratio Lower Upper

73 100

43 24.5 18.3 27.5

57 23.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 23.468 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

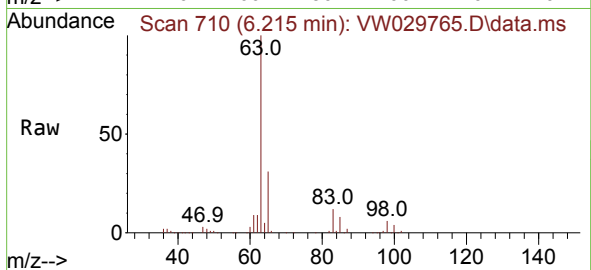
Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

ClientSampleId :



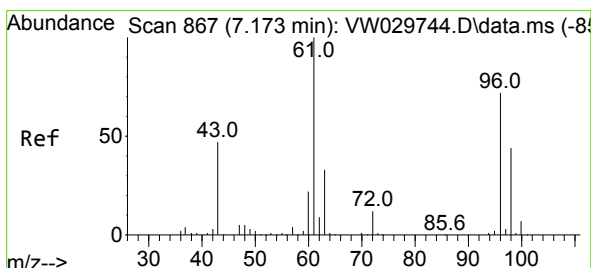
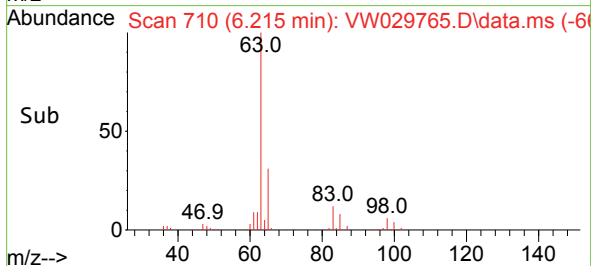
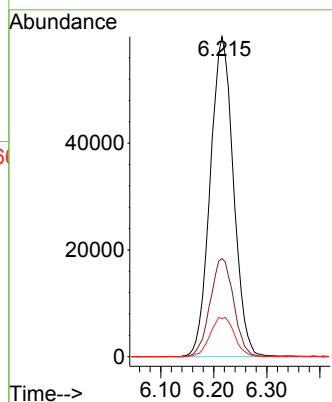
Tgt Ion: 63 Resp: 182147

Ion Ratio Lower Upper

63 100

65 30.7 22.3 41.3

83 11.9 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 23.260 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

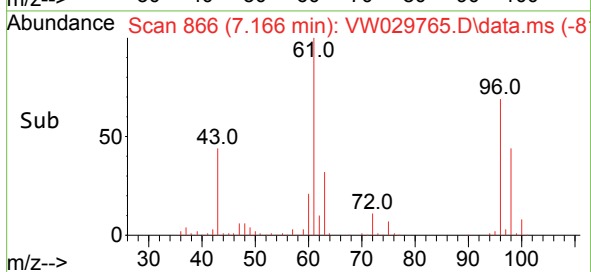
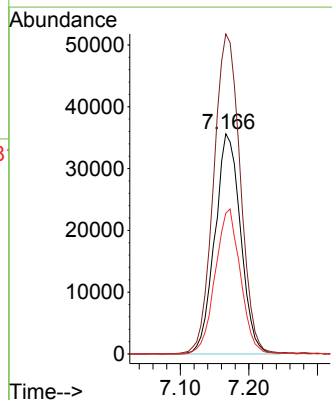
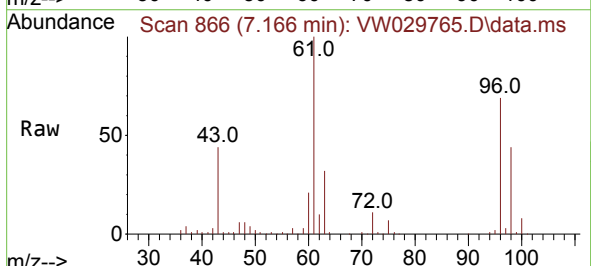
Tgt Ion: 96 Resp: 92851

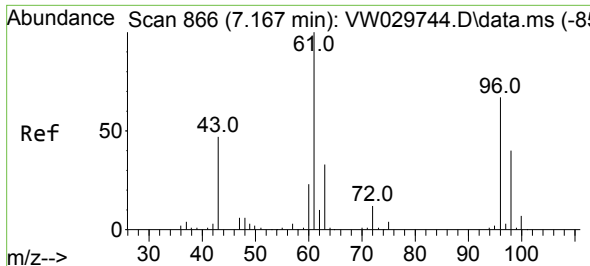
Ion Ratio Lower Upper

96 100

61 145.3 98.2 182.4

98 63.9 41.9 77.9

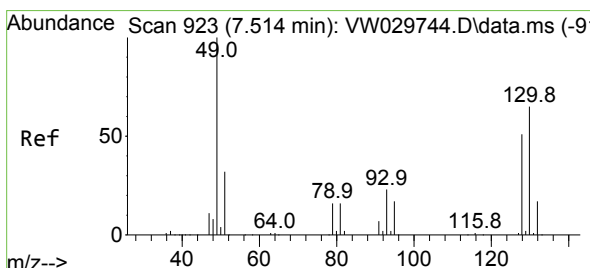
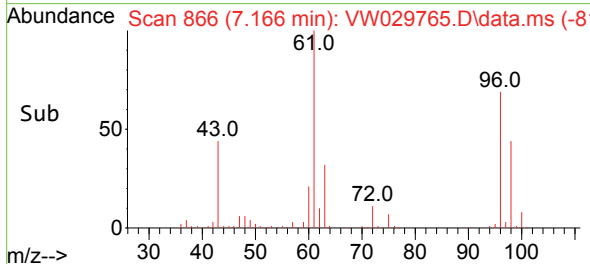
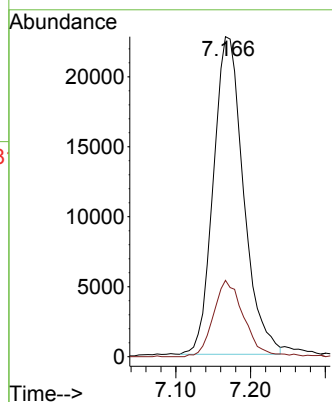
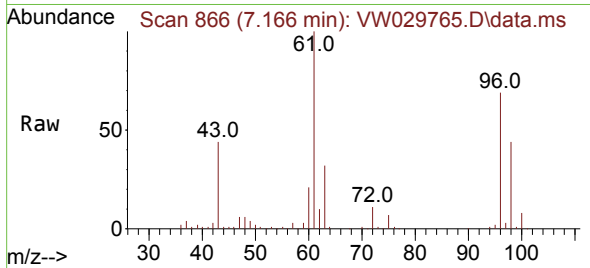




#22
2-Butanone
Concen: 41.106 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

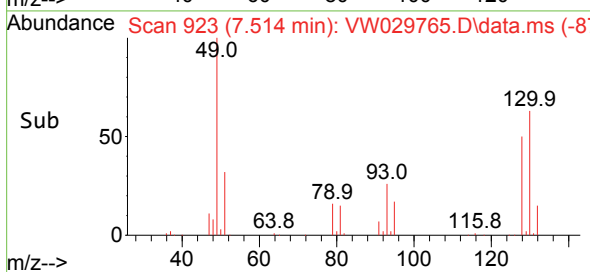
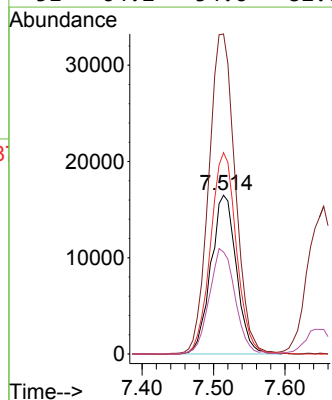
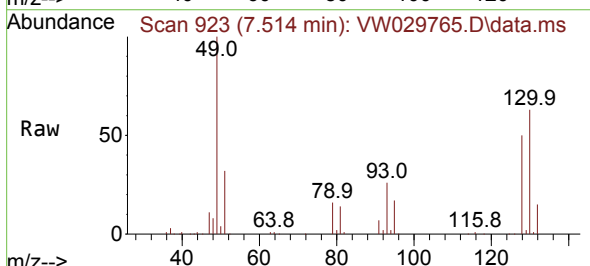
Instrument :
MSVOA_W
ClientSampleId :

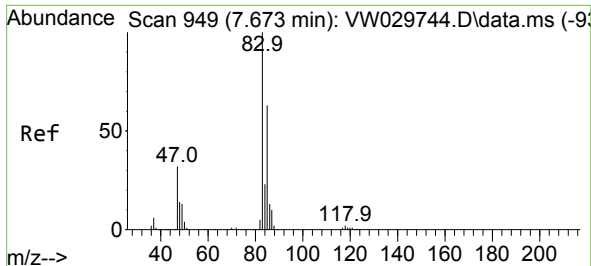
Tgt Ion: 43 Resp: 63666
Ion Ratio Lower Upper
43 100
72 23.8 11.7 35.1



#23
Bromochloromethane
Concen: 24.064 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Tgt Ion: 128 Resp: 40780
Ion Ratio Lower Upper
128 100
49 201.6 151.1 280.7
130 126.8 96.8 179.8
51 64.2 54.6 82.0

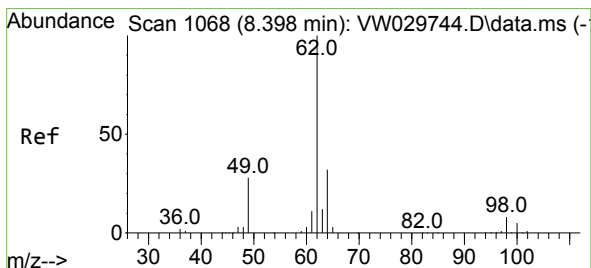
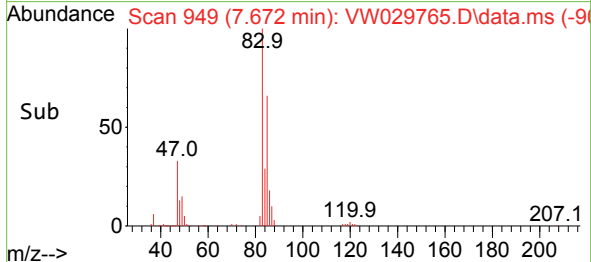
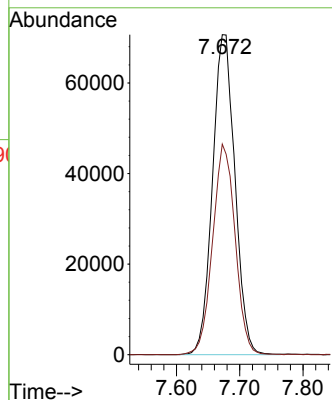
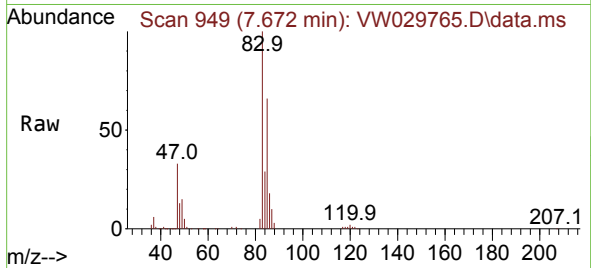




#25
Chloroform
Concen: 23.757 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

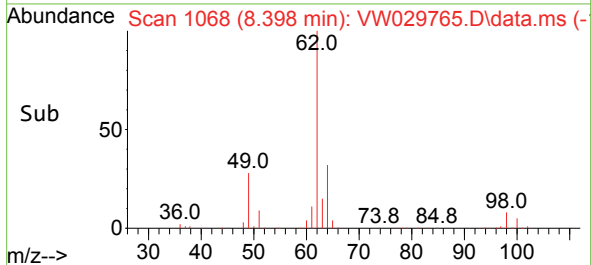
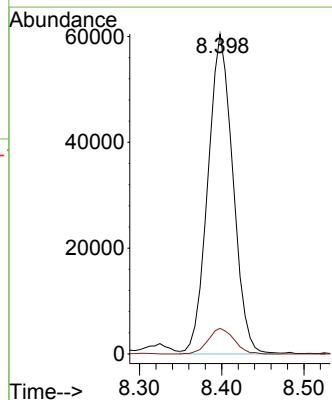
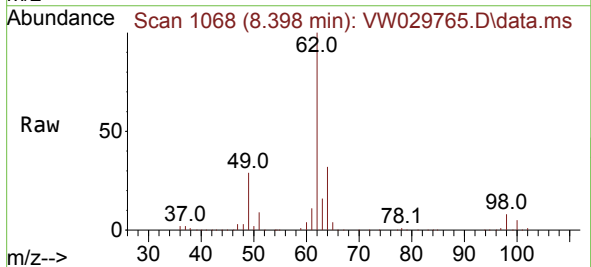
Instrument :
MSVOA_W
ClientSampleId :

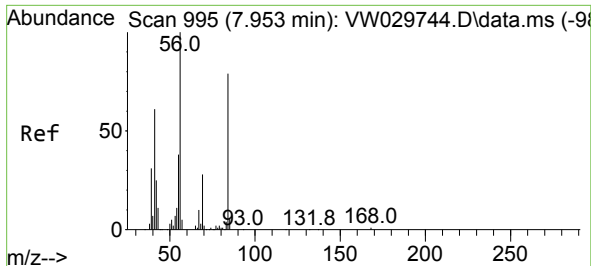
Tgt Ion: 83 Resp: 173723
Ion Ratio Lower Upper
83 100
85 65.8 44.4 82.4



#27
1,2-Dichloroethane
Concen: 23.976 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Tgt Ion: 62 Resp: 127772
Ion Ratio Lower Upper
62 100
98 8.0 6.6 10.0





#29

Cyclohexane

Concen: 23.177 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

ClientSampleId :

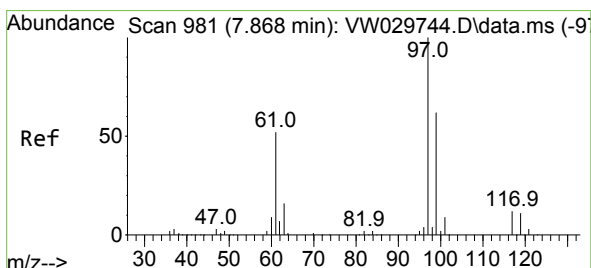
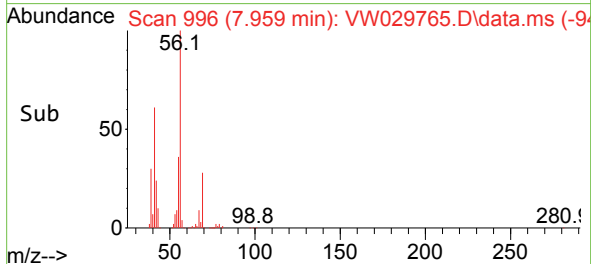
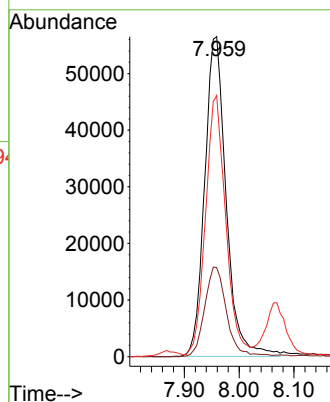
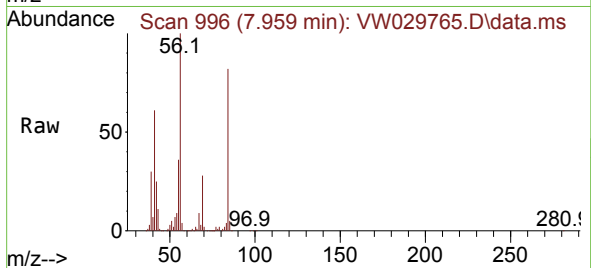
Tgt Ion: 56 Resp: 153417

Ion Ratio Lower Upper

56 100

69 27.9 23.0 34.4

84 76.7 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 22.229 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

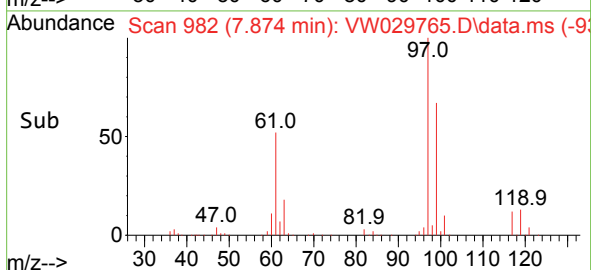
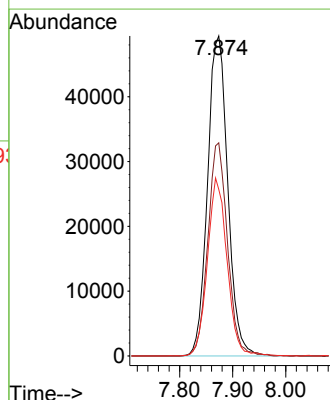
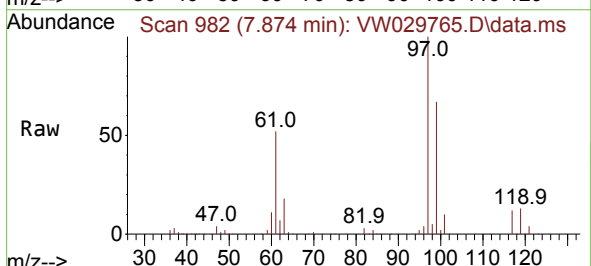
Tgt Ion: 97 Resp: 131121

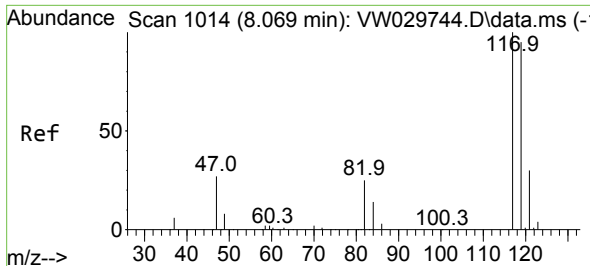
Ion Ratio Lower Upper

97 100

99 64.4 52.1 78.1

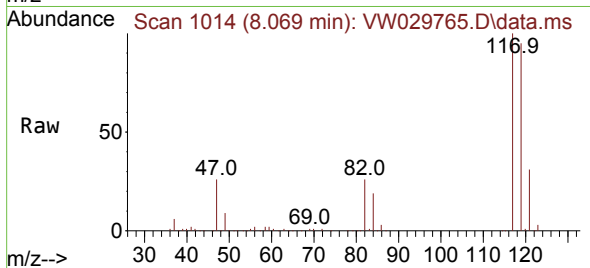
61 53.3 42.6 63.8



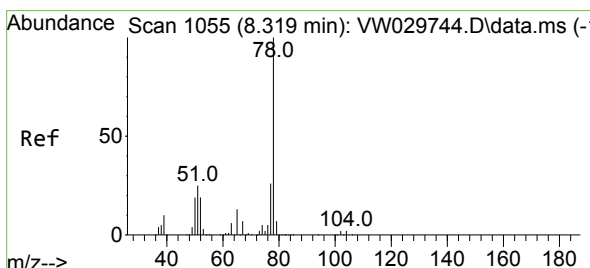
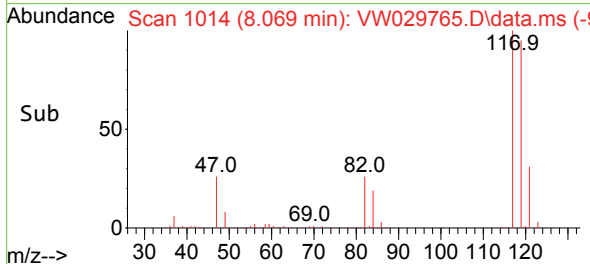
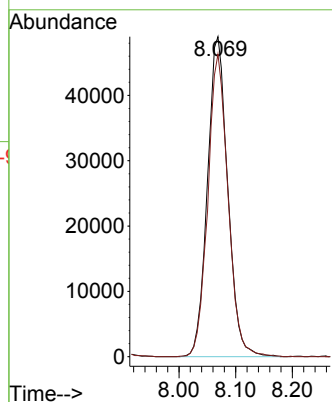


#31
Carbon tetrachloride
Concen: 22.924 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Instrument :
MSVOA_W
ClientSampleId :

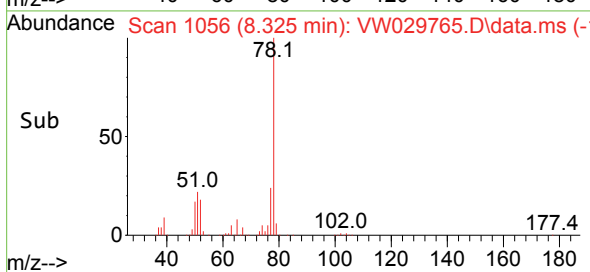
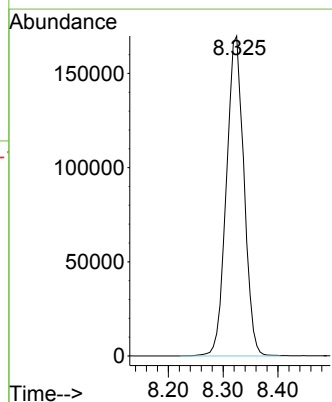
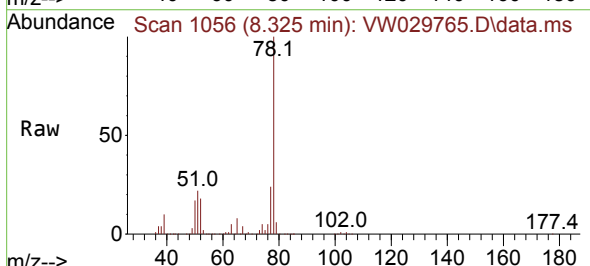


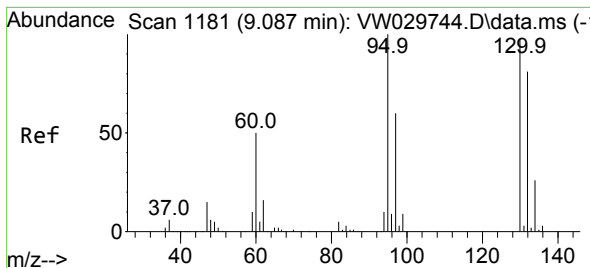
Tgt Ion:117 Resp: 121844
Ion Ratio Lower Upper
117 100
119 94.1 74.8 112.2



#33
Benzene
Concen: 23.695 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Tgt Ion: 78 Resp: 378160





#34

Trichloroethene

Concen: 23.338 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 97641

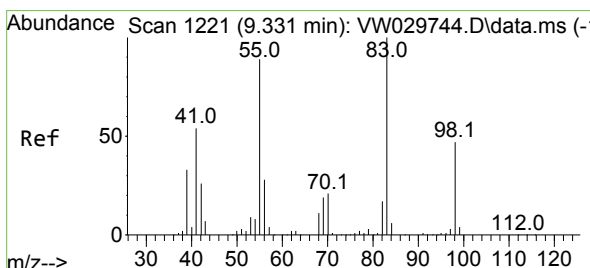
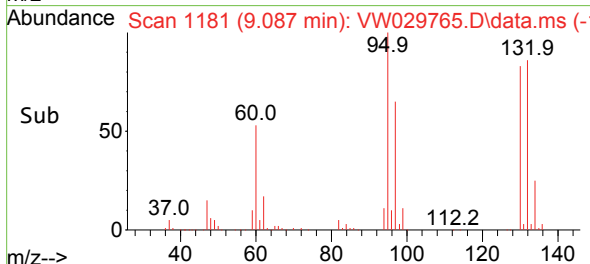
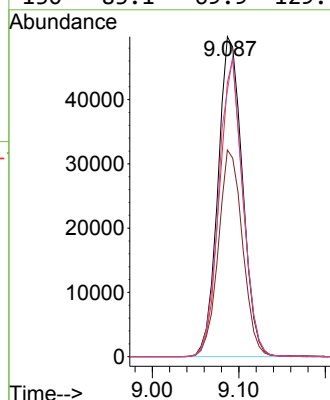
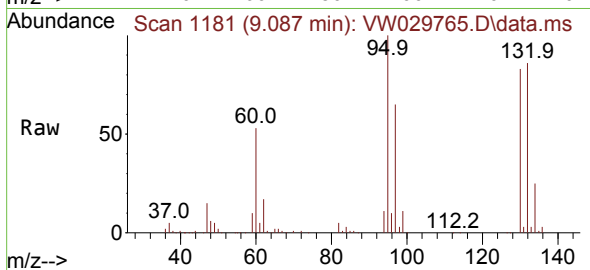
Ion Ratio Lower Upper

95 100

97 64.6 45.6 84.8

132 85.7 65.2 121.0

130 83.1 69.9 129.7



#35

Methylcyclohexane

Concen: 23.694 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

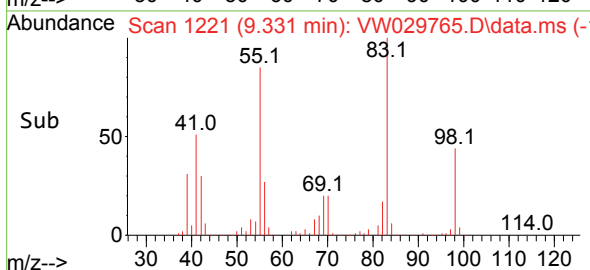
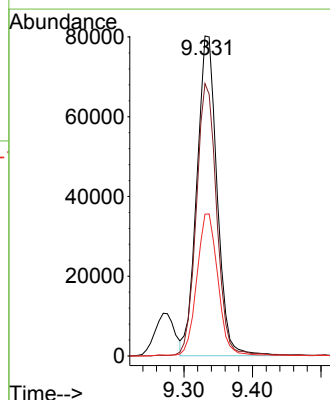
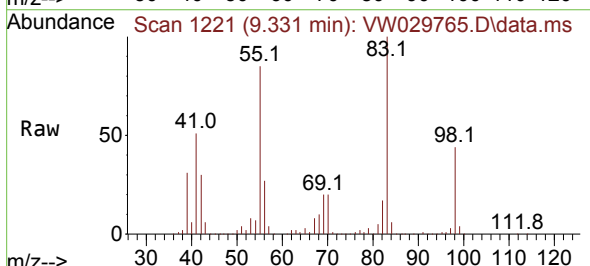
Tgt Ion: 83 Resp: 165181

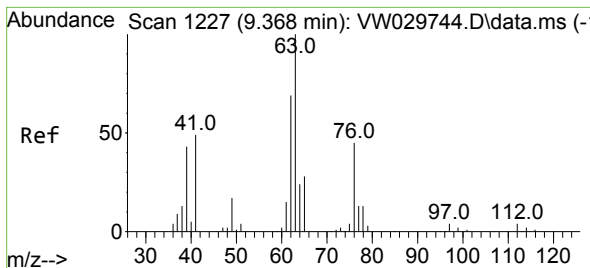
Ion Ratio Lower Upper

83 100

55 85.4 67.4 101.2

98 46.2 36.7 55.1

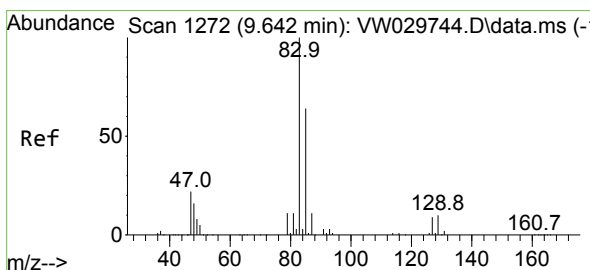
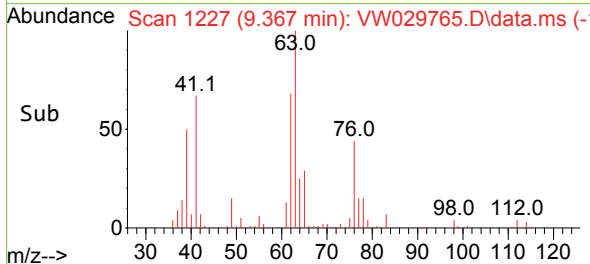
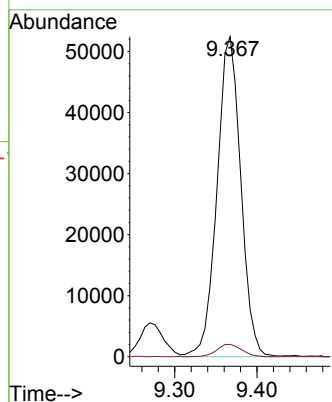
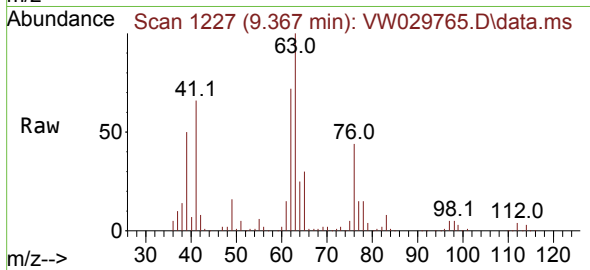




#37
1,2-Dichloropropane
Concen: 24.070 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

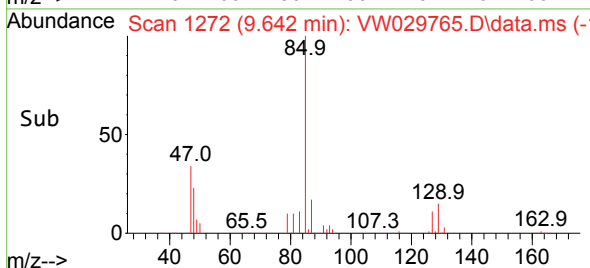
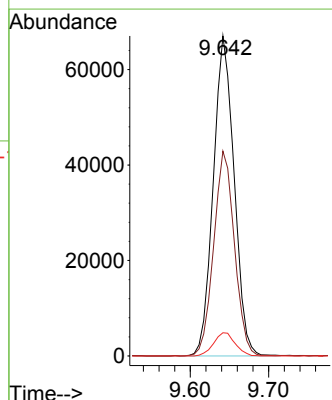
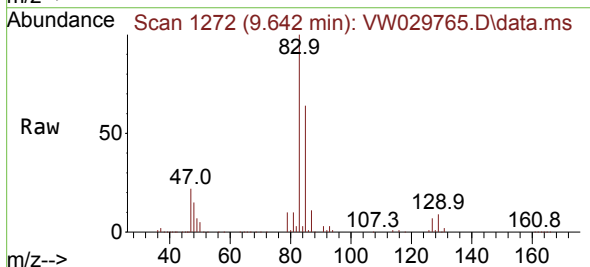
Instrument :
MSVOA_W
ClientSampleId :

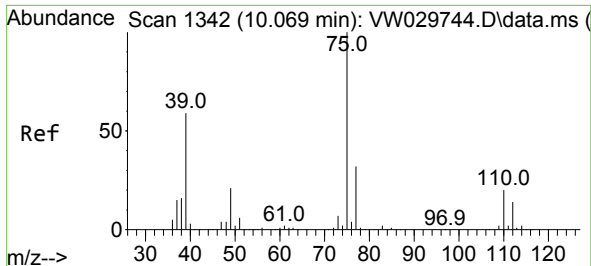
Tgt Ion: 63 Resp: 105269
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 23.822 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Tgt Ion: 83 Resp: 124067
Ion Ratio Lower Upper
83 100
85 64.0 46.6 86.6
127 7.3 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 24.014 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

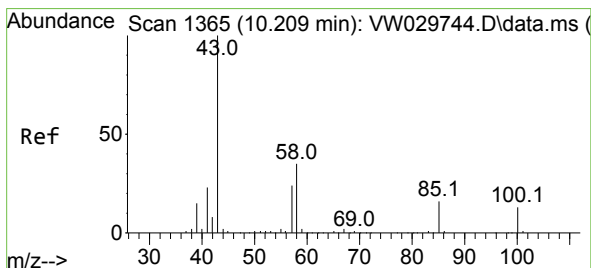
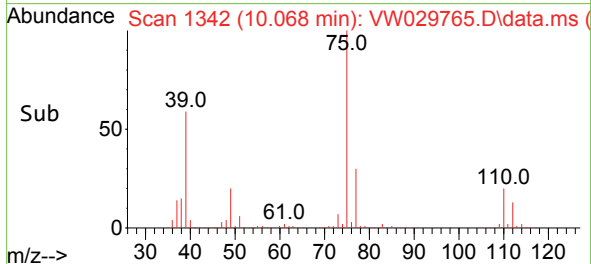
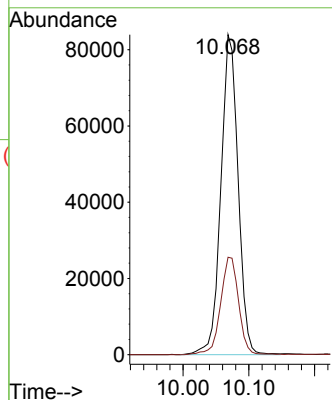
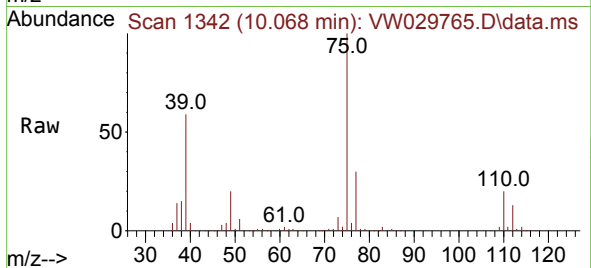
ClientSampleId :

Tgt Ion: 75 Resp: 152955

Ion Ratio Lower Upper

75 100

77 30.4 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 50.474 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

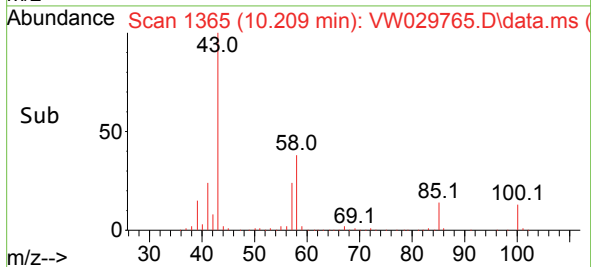
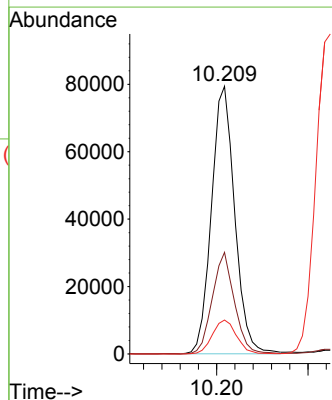
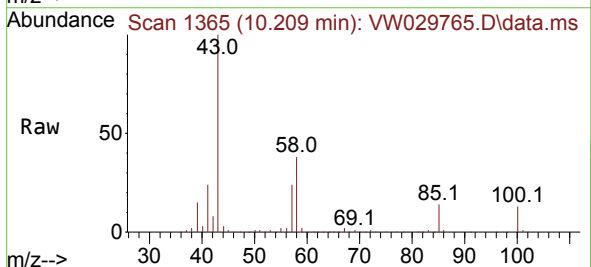
Tgt Ion: 43 Resp: 140216

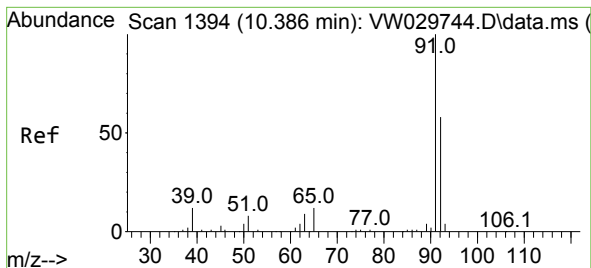
Ion Ratio Lower Upper

43 100

58 36.1 28.7 43.1

100 13.2 10.0 15.0





#42

Toluene

Concen: 23.842 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

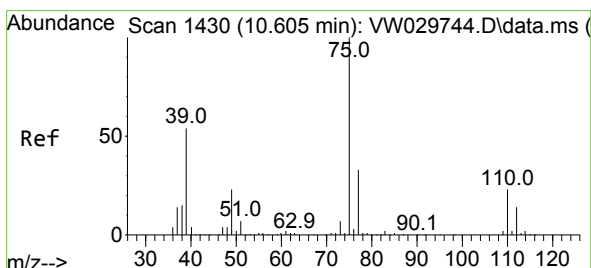
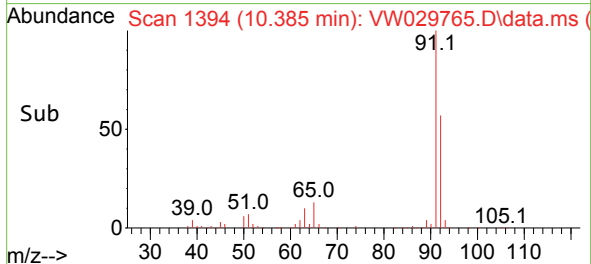
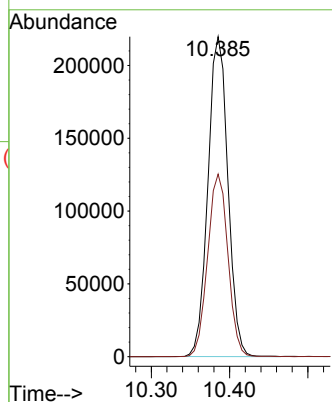
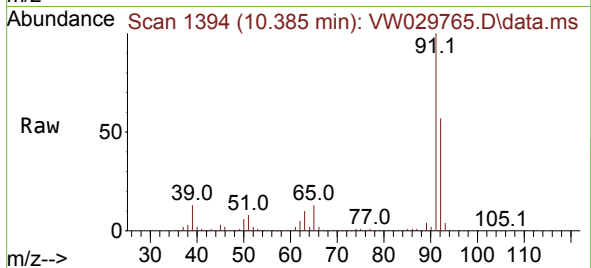
ClientSampleId :

Tgt Ion: 91 Resp: 388402

Ion Ratio Lower Upper

91 100

92 57.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 23.888 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029765.D

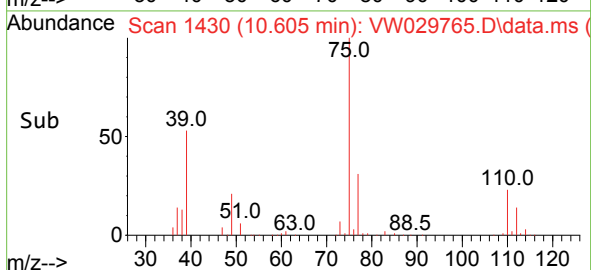
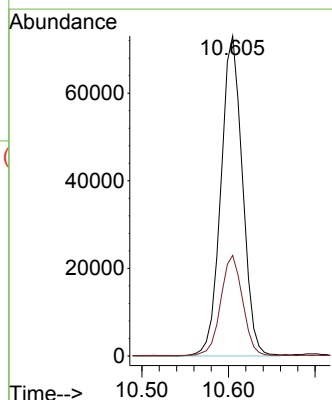
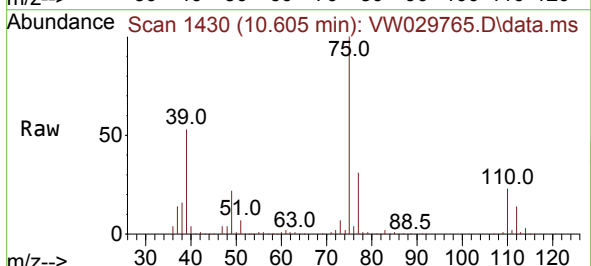
Acq: 26 Jul 2024 20:40

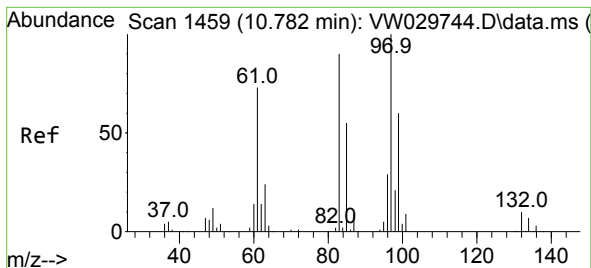
Tgt Ion: 75 Resp: 126310

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 24.200 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

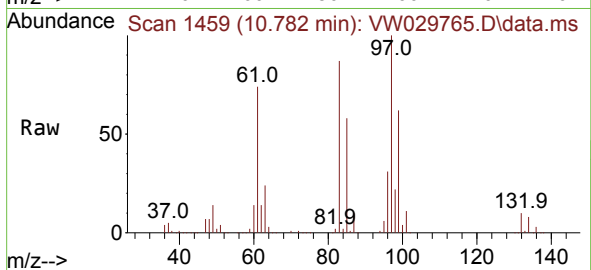
Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 71103

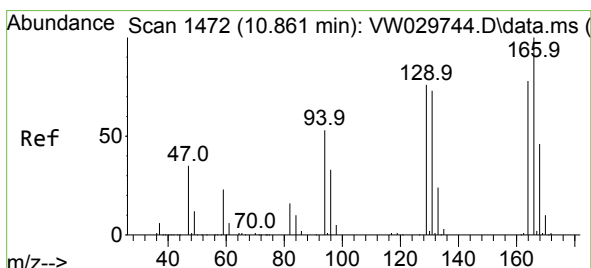
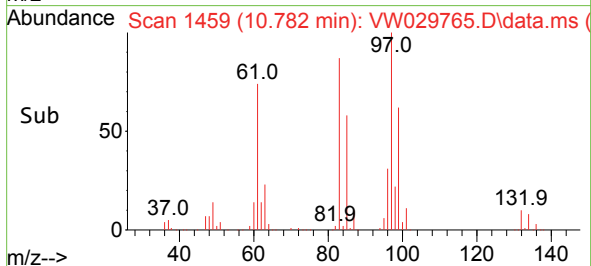
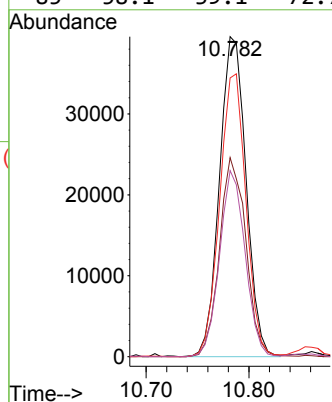
Ion Ratio Lower Upper

97 100

99 62.2 40.1 74.5

83 87.1 58.5 108.7

85 58.1 39.1 72.7



#46

Tetrachloroethene

Concen: 21.644 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Tgt Ion:164 Resp: 65815

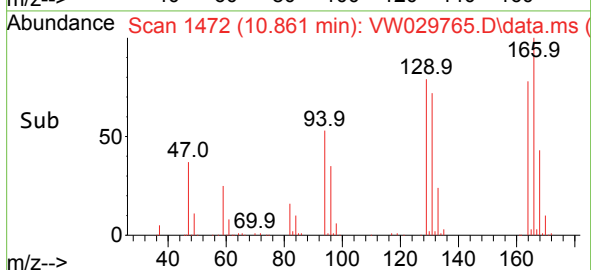
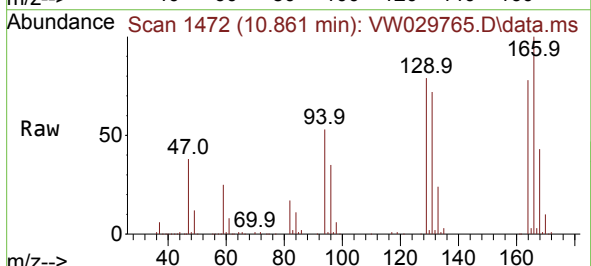
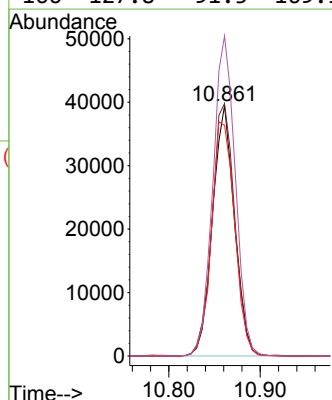
Ion Ratio Lower Upper

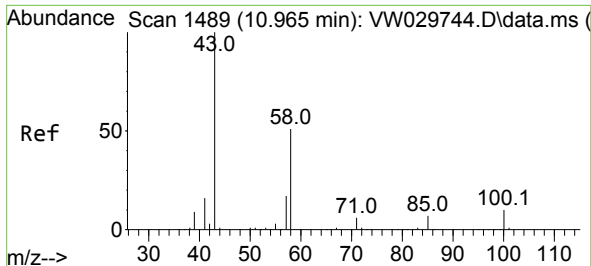
164 100

129 100.8 77.8 144.6

131 92.2 70.9 131.7

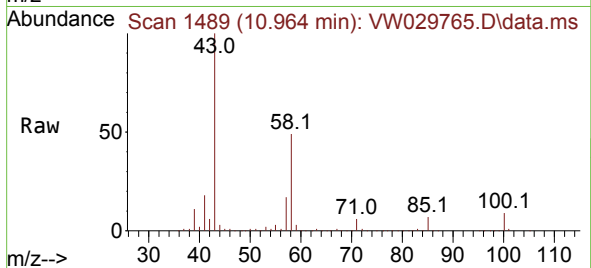
166 127.8 91.5 169.9



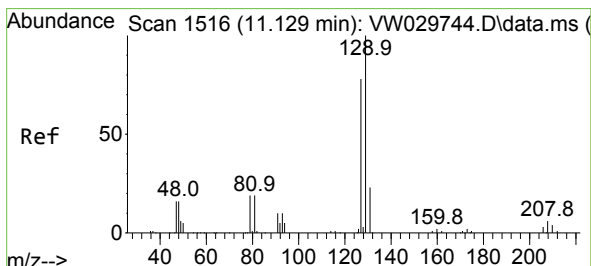
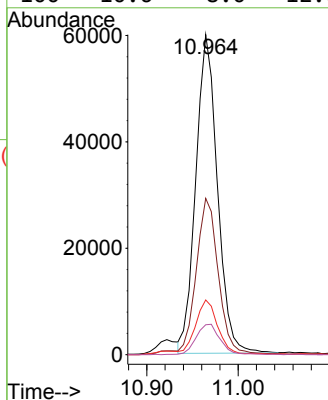
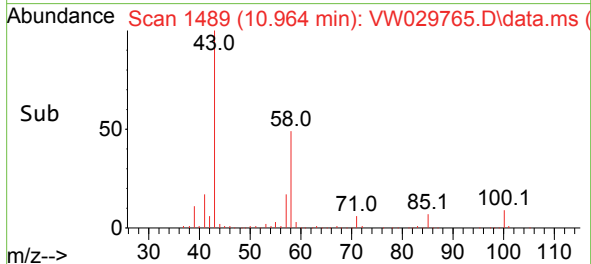


#48
2-Hexanone
Concen: 47.384 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Instrument :
MSVOA_W
ClientSampleId :

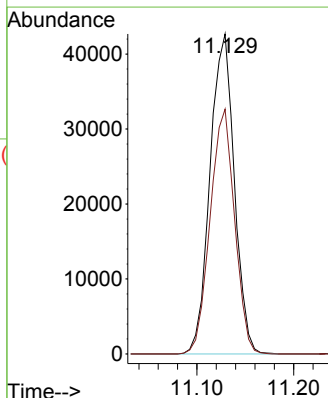
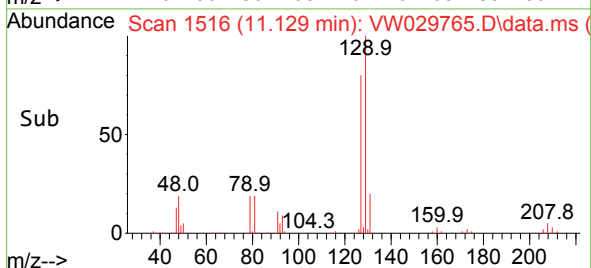
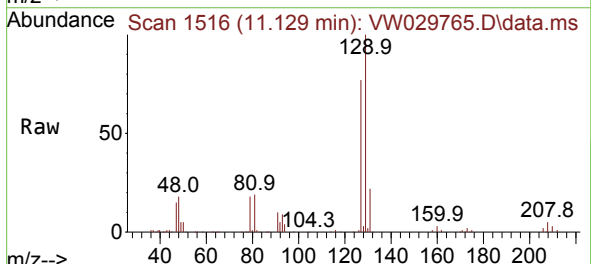


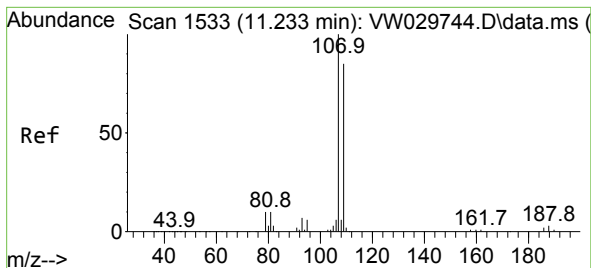
Tgt Ion: 43 Resp: 98586
Ion Ratio Lower Upper
43 100
58 49.0 41.0 61.4
57 17.7 14.1 21.1
100 10.6 8.0 12.0



#49
Dibromochloromethane
Concen: 24.401 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

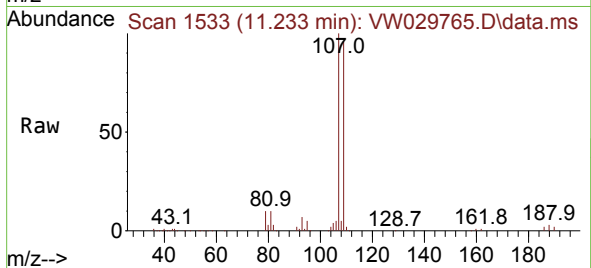
Tgt Ion:129 Resp: 74428
Ion Ratio Lower Upper
129 100
127 76.5 52.4 97.2



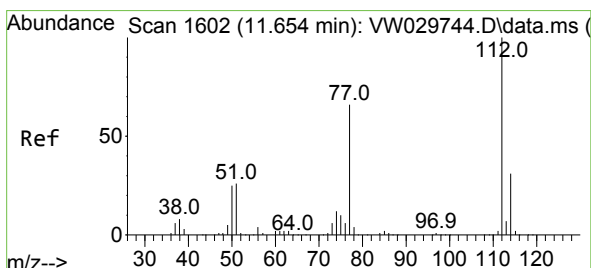
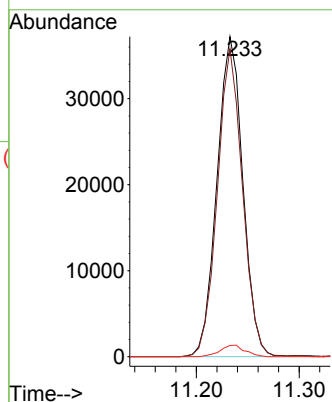
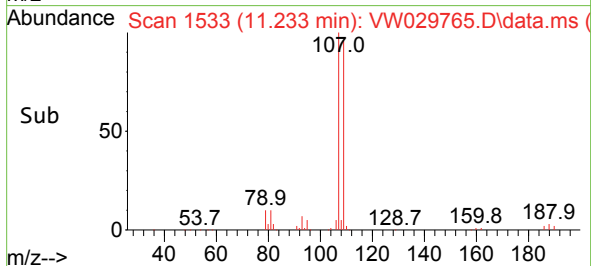


#50
1,2-Dibromoethane
Concen: 23.897 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

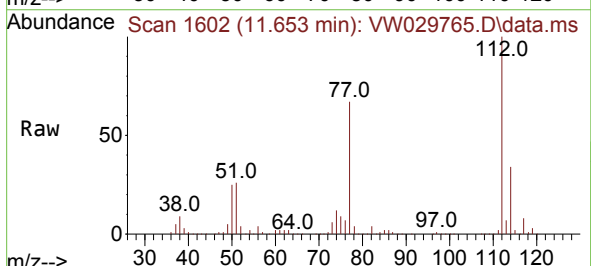
Instrument :
MSVOA_W
ClientSampleId :



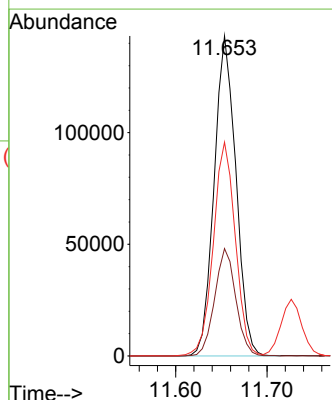
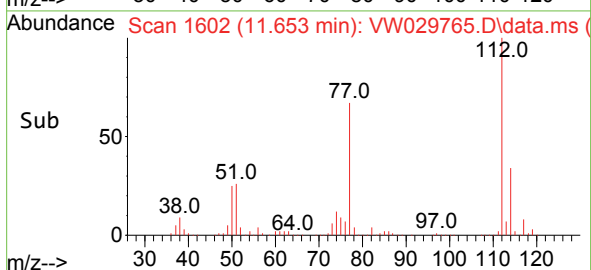
Tgt Ion:107 Resp: 64966
Ion Ratio Lower Upper
107 100
109 96.2 64.8 120.3
188 3.5 2.7 4.1

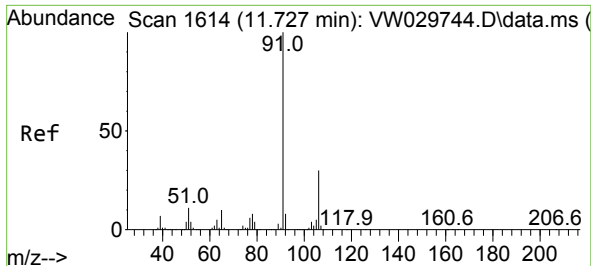


#51
Chlorobenzene
Concen: 23.463 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40



Tgt Ion:112 Resp: 237755
Ion Ratio Lower Upper
112 100
114 33.6 22.0 40.8
77 66.8 53.8 80.8

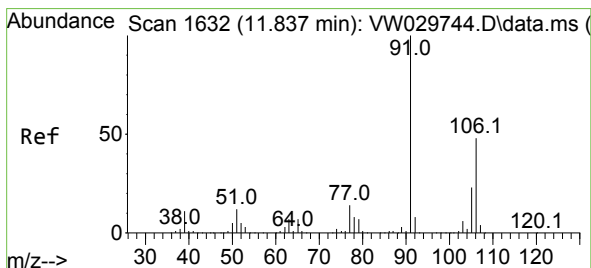
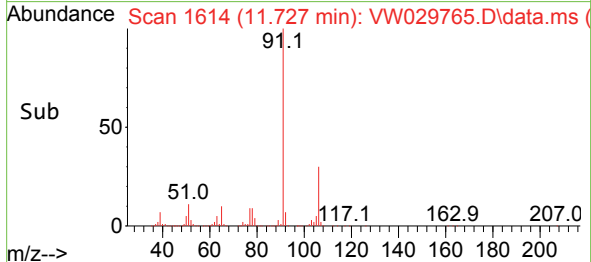
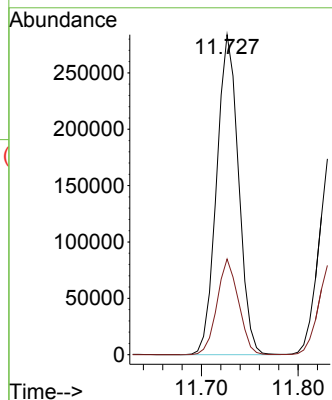
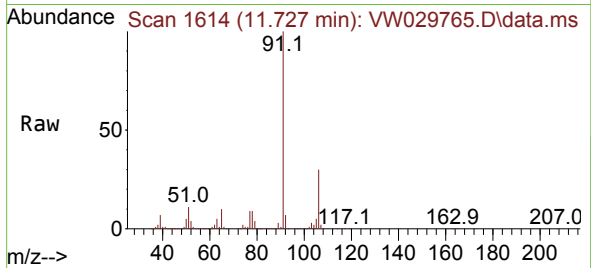




#52
Ethylbenzene
Concen: 24.321 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

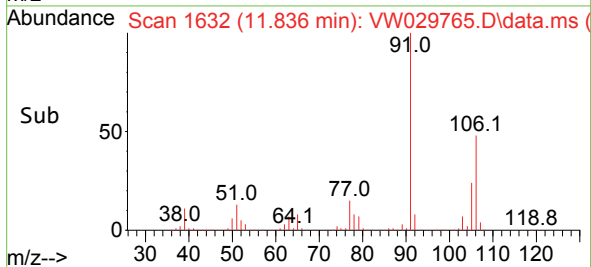
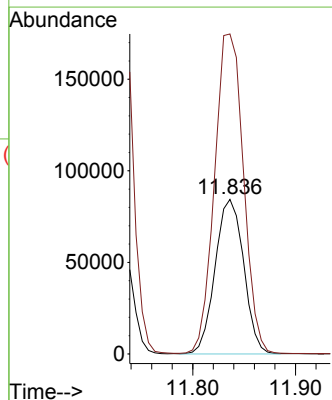
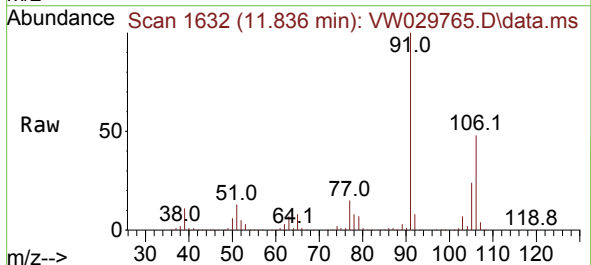
Instrument :
MSVOA_W
ClientSampleId :

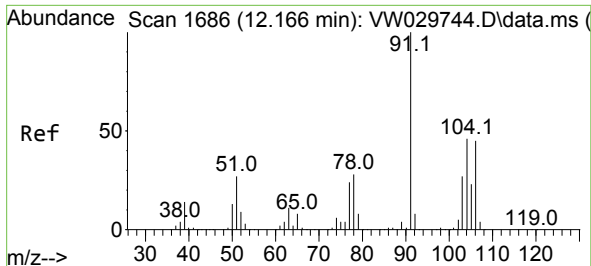
Tgt Ion: 91 Resp: 446924
Ion Ratio Lower Upper
91 100
106 29.9 20.4 38.0



#53
m,p-Xylene
Concen: 24.099 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Tgt Ion: 106 Resp: 162866
Ion Ratio Lower Upper
106 100
91 207.0 151.4 281.2

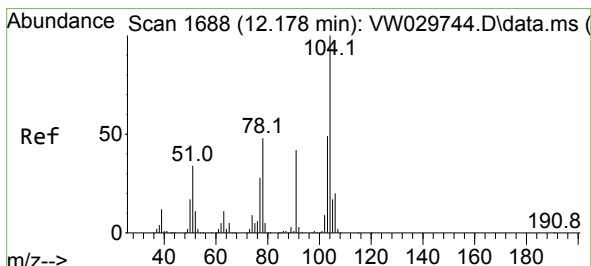
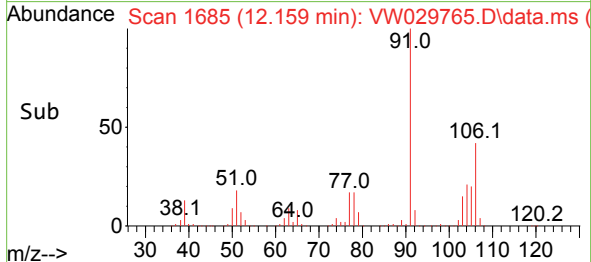
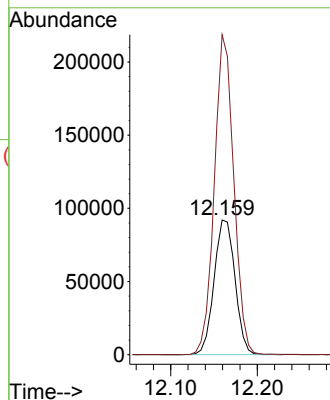
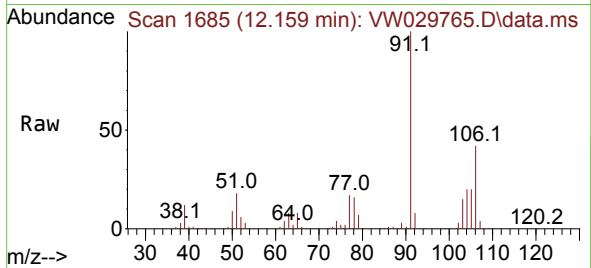




#54
o-Xylene
Concen: 24.834 ug/L
RT: 12.159 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

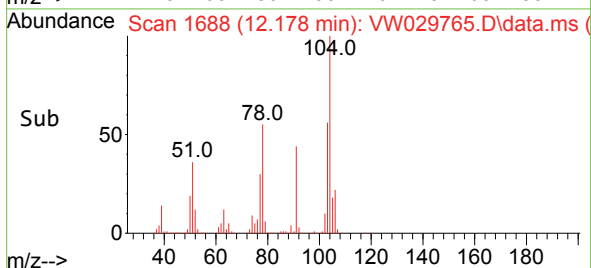
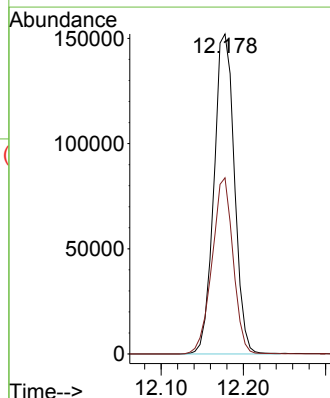
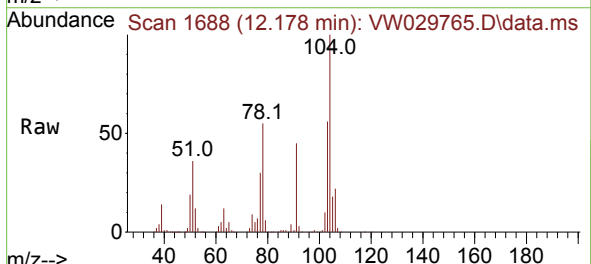
Instrument :
MSVOA_W
ClientSampleId :

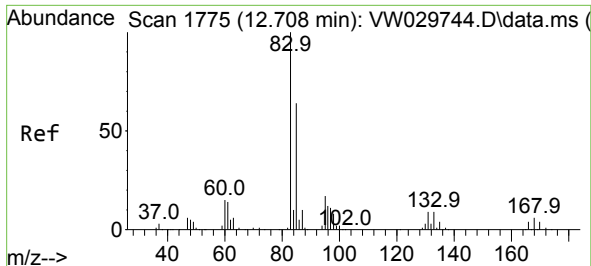
Tgt Ion:106 Resp: 154554
Ion Ratio Lower Upper
106 100
91 237.5 155.8 289.4



#55
Styrene
Concen: 24.393 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Tgt Ion:104 Resp: 263140
Ion Ratio Lower Upper
104 100
78 55.0 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.923 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029765.D

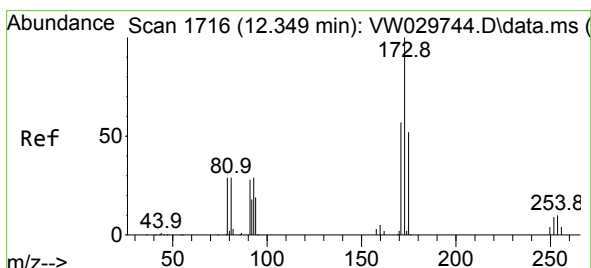
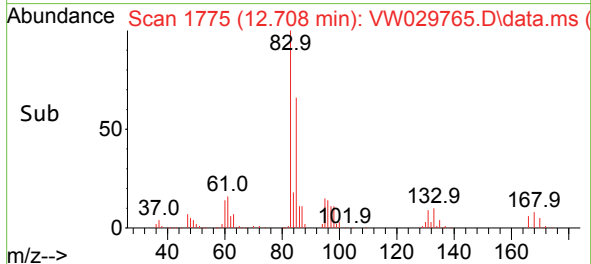
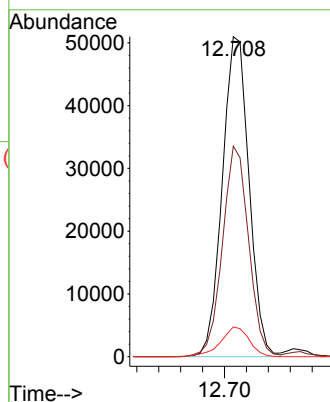
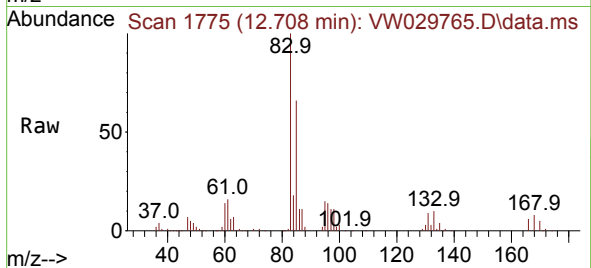
Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	86270
Ion Ratio	Lower	Upper	
83	100		
85	65.8	44.2	82.0
131	9.3	6.2	9.2#



#59

Bromoform

Concen: 23.191 ug/L

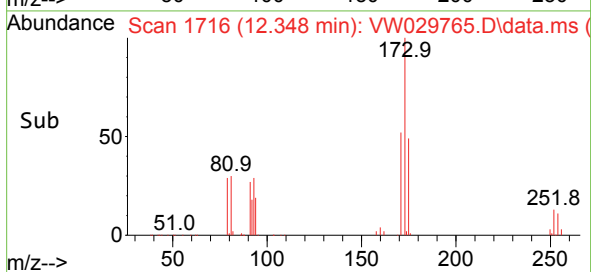
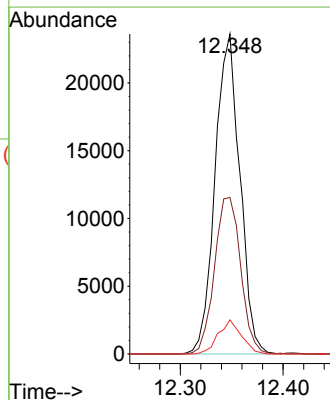
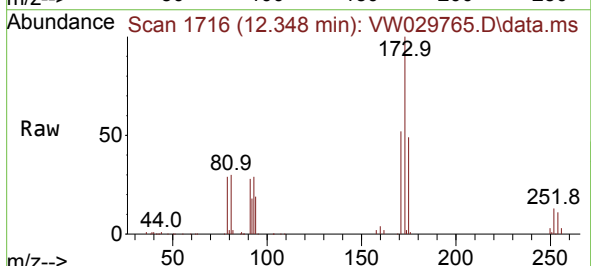
RT: 12.348 min Scan# 1716

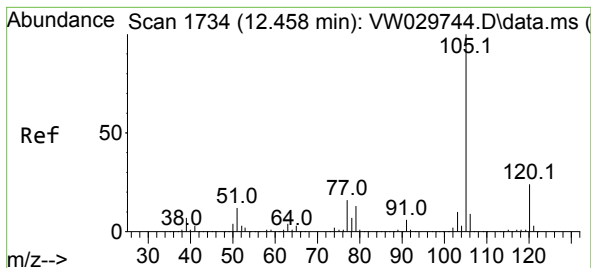
Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Tgt Ion:	173	Resp:	39565
Ion Ratio	Lower	Upper	
173	100		
175	51.6	38.1	57.1
254	9.9	7.8	11.6





#60

Isopropylbenzene

Concen: 24.236 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

ClientSampleId :

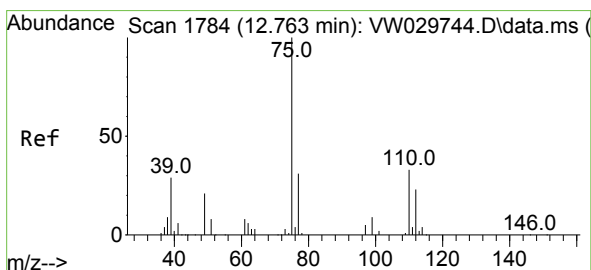
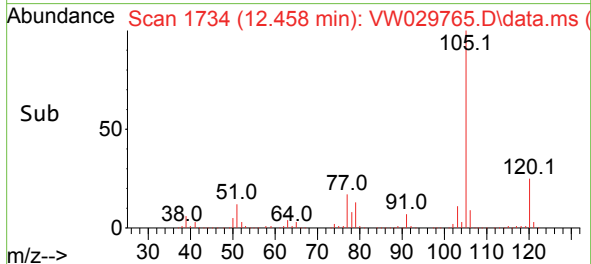
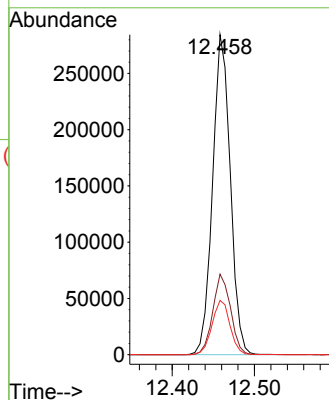
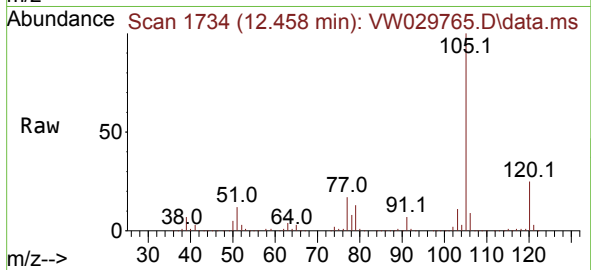
Tgt Ion:105 Resp: 425215

Ion Ratio Lower Upper

105 100

120 25.2 20.3 30.5

77 17.2 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 23.611 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

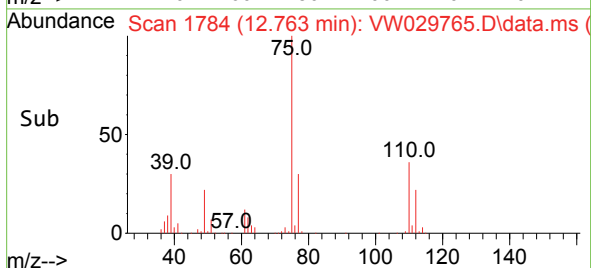
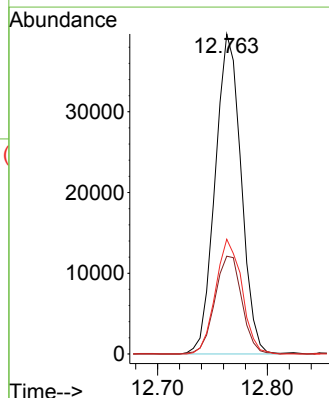
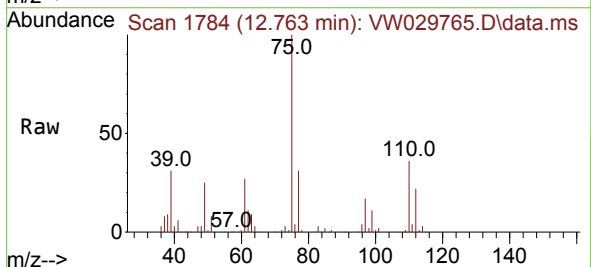
Tgt Ion: 75 Resp: 65109

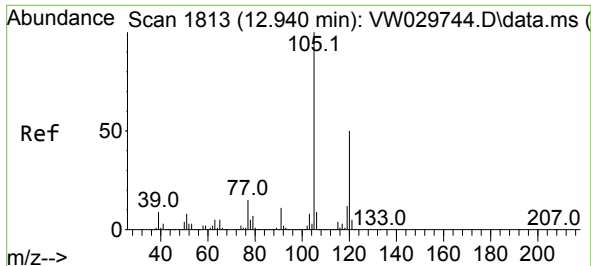
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

110 36.5 28.6 43.0

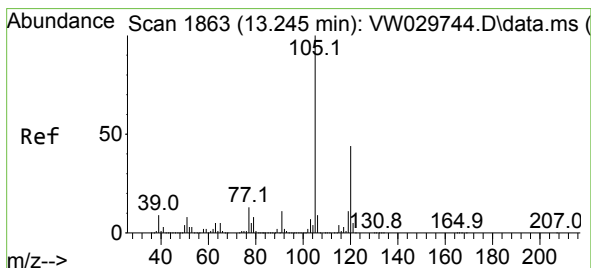
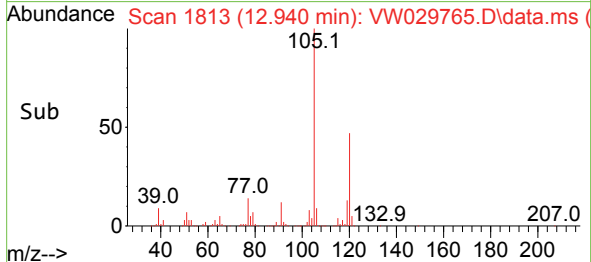
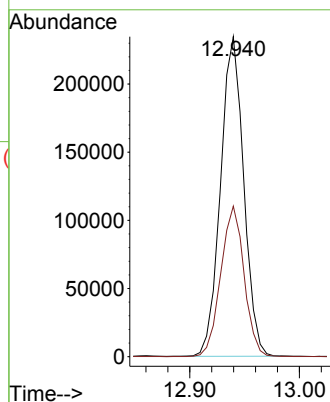
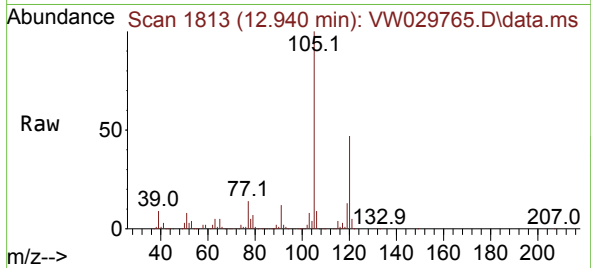




#62
1,3,5-Trimethylbenzene
Concen: 26.396 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

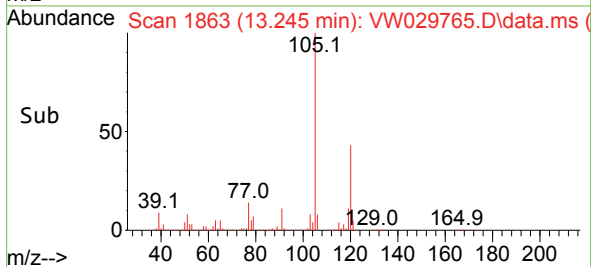
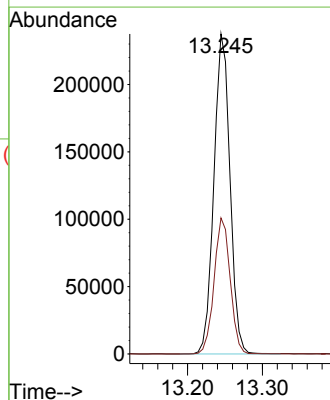
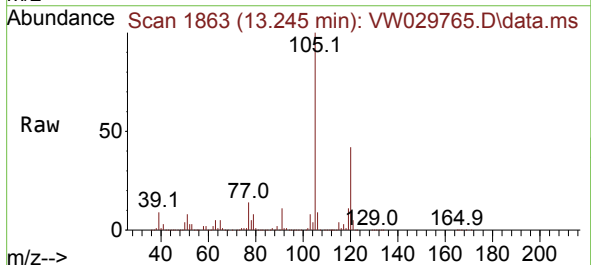
Instrument :
MSVOA_W
ClientSampleId :

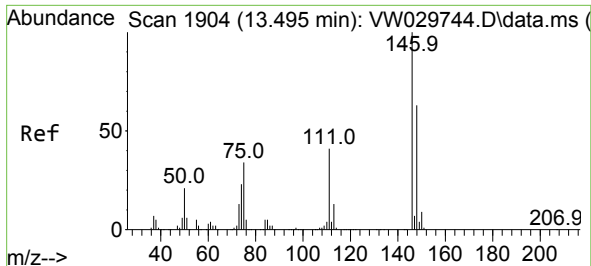
Tgt Ion:105 Resp: 344224
Ion Ratio Lower Upper
105 100
120 47.4 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 25.453 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

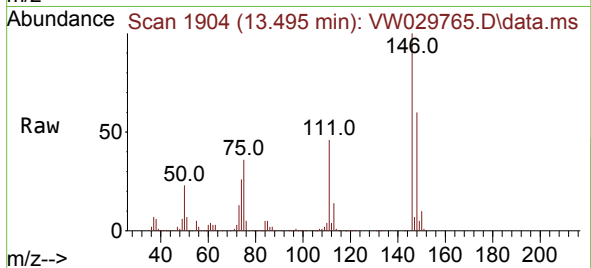
Tgt Ion:105 Resp: 354984
Ion Ratio Lower Upper
105 100
120 42.5 35.4 53.0



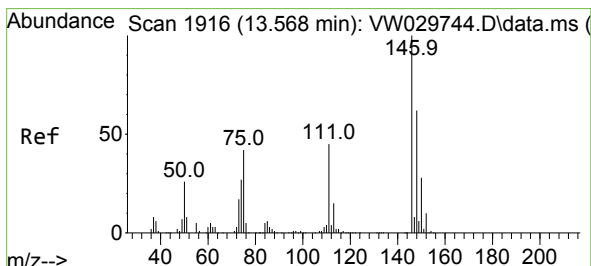
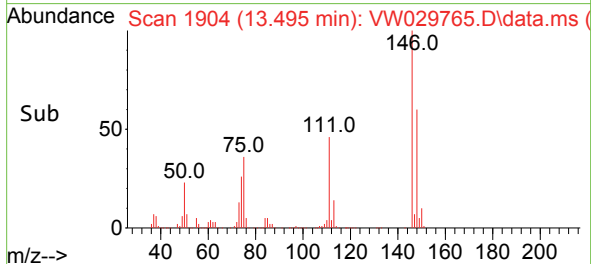
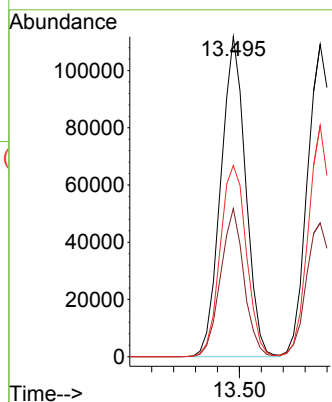


#64
1,3-Dichlorobenzene
Concen: 23.478 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Instrument :
MSVOA_W
ClientSampleId :

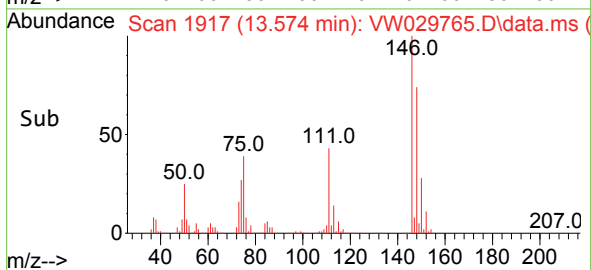
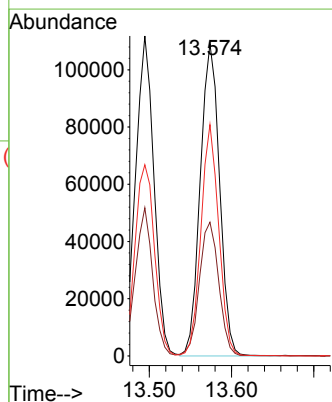
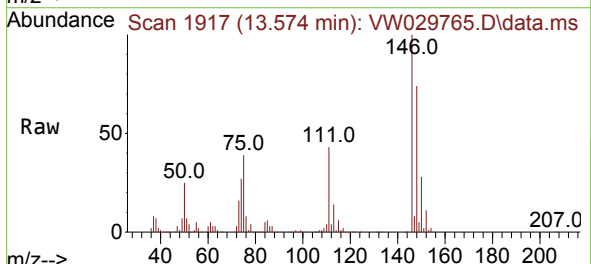


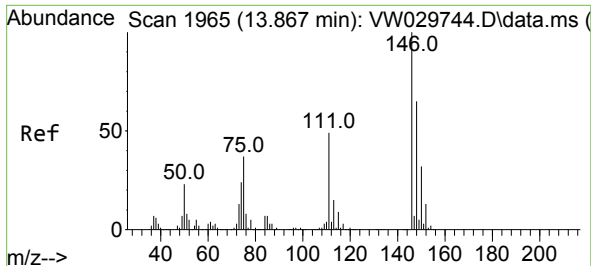
Tgt Ion:146 Resp: 175741
Ion Ratio Lower Upper
146 100
111 46.3 28.7 53.3
148 59.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 23.145 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Tgt Ion:146 Resp: 177963
Ion Ratio Lower Upper
146 100
111 42.8 30.1 55.9
148 74.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 23.865 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

ClientSampleId :

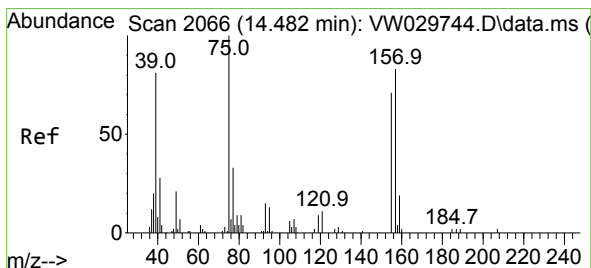
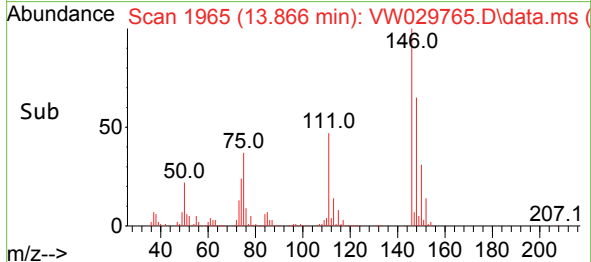
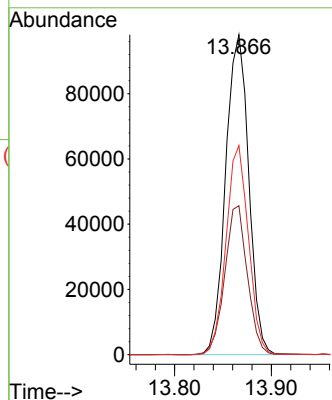
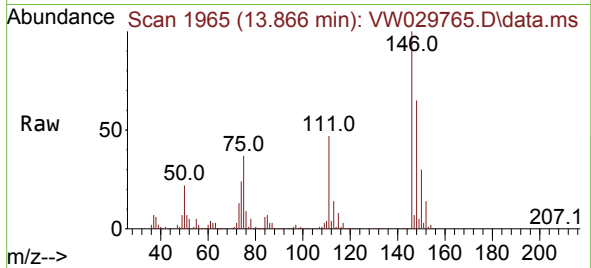
Tgt Ion:146 Resp: 162641

Ion Ratio Lower Upper

146 100

111 46.6 35.8 53.8

148 65.4 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.793 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

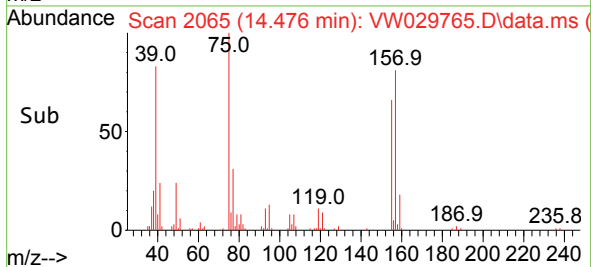
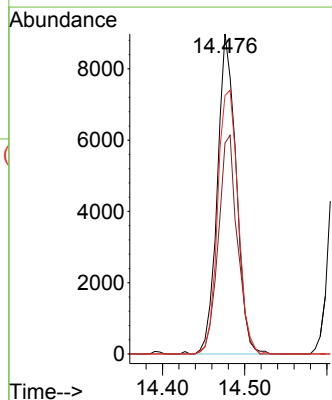
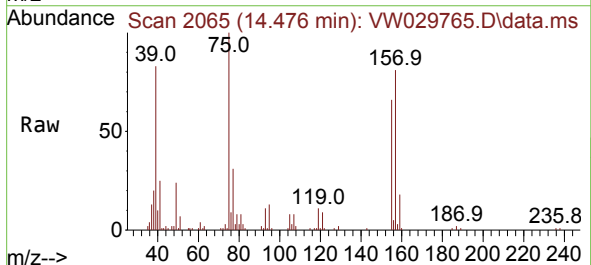
Tgt Ion: 75 Resp: 14271

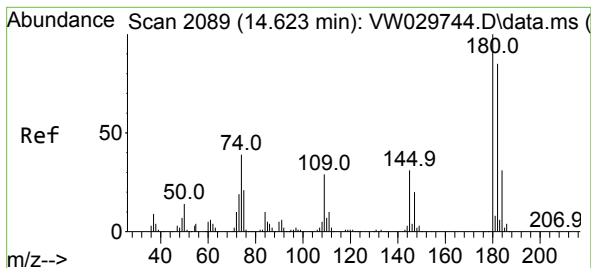
Ion Ratio Lower Upper

75 100

155 65.9 47.8 71.6

157 80.8 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 23.069 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

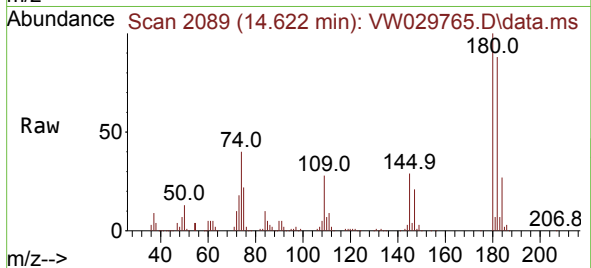
Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 118146

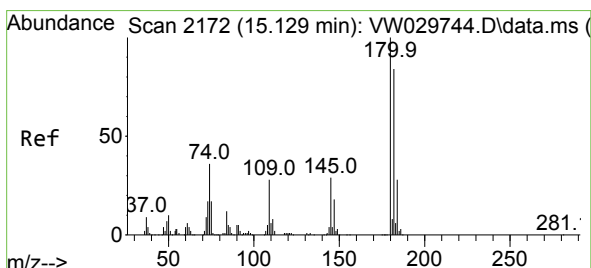
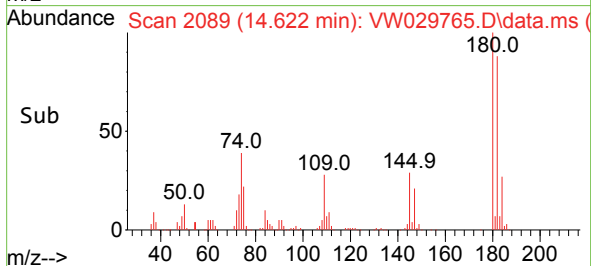
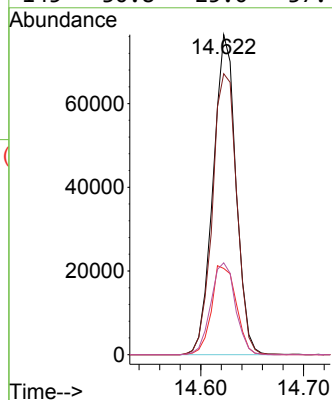
Ion Ratio Lower Upper

180 100

182 93.4 72.7 109.1

184 30.0 23.3 34.9

145 30.8 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 22.876 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029765.D

Acq: 26 Jul 2024 20:40

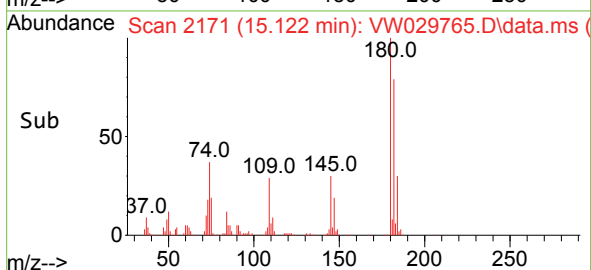
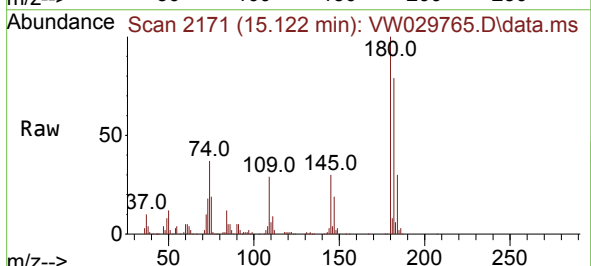
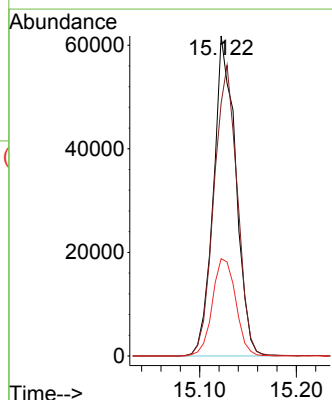
Tgt Ion:180 Resp: 98704

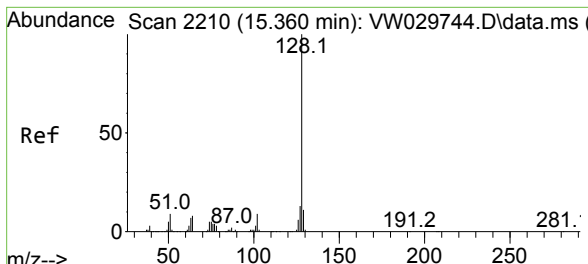
Ion Ratio Lower Upper

180 100

182 95.1 80.2 120.4

145 31.9 26.3 39.5

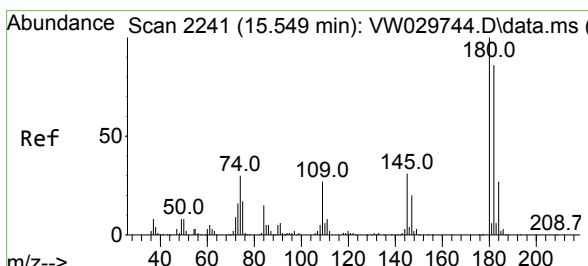
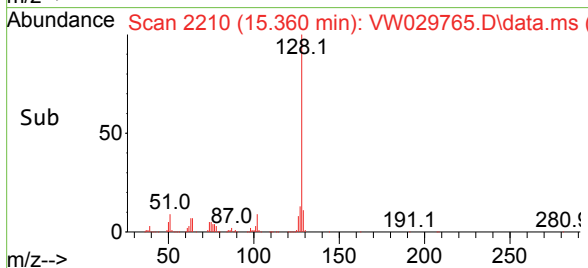
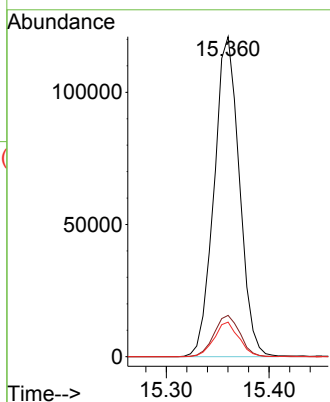
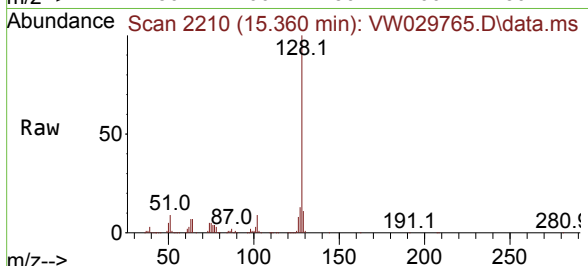




#71
Naphthalene
Concen: 25.094 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128	Resp: 206596
Ion Ratio	Lower Upper
128 100	
127 13.3	10.7 16.1
129 10.6	8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 23.048 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW029765.D
Acq: 26 Jul 2024 20:40

Tgt Ion:180	Resp: 90008		
Ion Ratio	Lower	Upper	
180 100			
182 97.3	74.0	111.0	
145 34.5	27.5	41.3	

