

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072324\
 Data File : VW029708.D
 Acq On : 23 Jul 2024 16:18
 Operator : SY/MD
 Sample : P3278-19MS
 Misc : 8.49g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 01:17:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 24 01:12:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	274398	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	275872	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	135429	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	36946	8.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	33.320%
7) Chloroethane-d5	2.899	69	39396	12.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.360%
11) 1,1-Dichloroethene-d2	4.021	65	19317	9.705	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.800%#
21) 2-Butanone-d5	7.075	46	35839	26.934	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.860%
24) Chloroform-d	7.648	84	145478	18.339	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.360%
26) 1,2-Dichloroethane-d4	8.307	65	82784	17.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.160%
32) Benzene-d6	8.276	84	242342	14.664	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	58.640%
36) 1,2-Dichloropropane-d6	9.270	67	91006	17.223	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.880%#
41) Toluene-d8	10.325	98	203206	13.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.920%
43) trans-1,3-Dichloroprop...	10.575	79	32075	14.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.320%
47) 2-Hexanone-d5	10.922	63	27720	28.870	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70688	16.477	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	78265	16.594	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	27116	10.092	ug/L	98
3) Chloromethane	2.222	50	54050	15.035	ug/L	98
5) Vinyl chloride	2.375	62	67245	16.391	ug/L	94
6) Bromomethane	2.789	94	42057	17.313	ug/L	95
8) Chloroethane	2.936	64	48059	19.037	ug/L	98
9) Trichlorofluoromethane	3.265	101	60439	16.366	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	62622	17.230	ug/L	93
13) Acetone	4.118	43	30536	22.736	ug/L	97
14) Carbon disulfide	4.393	76	160395	14.474	ug/L	100
15) Methyl Acetate	4.673	43	28586	12.123	ug/L	98
16) Methylene chloride	4.923	84	79328	16.148	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	71267	18.866	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	108171	16.830	ug/L	98
19) 1,1-Dichloroethane	6.216	63	163395	21.062	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	80999	19.609	ug/L	96
22) 2-Butanone	7.167	43	42259	23.968	ug/L	97
23) Bromochloromethane	7.514	128	31439	16.921	ug/L	98
25) Chloroform	7.673	83	159841	21.294	ug/L	98
27) 1,2-Dichloroethane	8.398	62	98923	17.571	ug/L	99

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 Response via : Initial Calibration

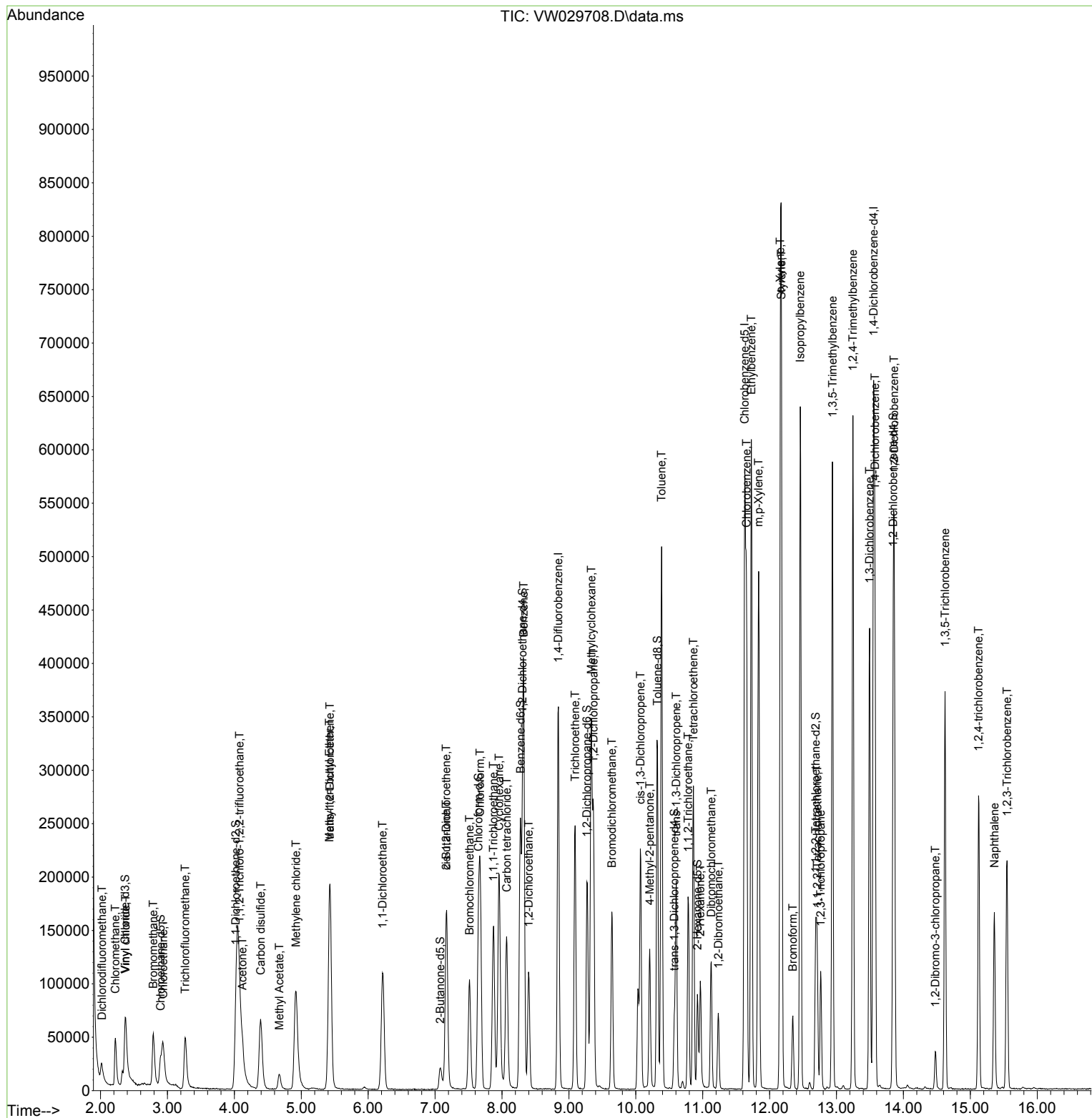
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	113791	16.565	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	118700	18.842	ug/L	98
31) Carbon tetrachloride	8.069	117	103979	18.023	ug/L	98
33) Benzene	8.325	78	328019	19.004	ug/L	100
34) Trichloroethene	9.093	95	84744	18.592	ug/L	96
35) Methylcyclohexane	9.337	83	126679	17.291	ug/L	99
37) 1,2-Dichloropropane	9.367	63	92130	19.302	ug/L	100
38) Bromodichloromethane	9.642	83	109556	18.792	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	125351	17.485	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	89783	26.690	ug/L	99
42) Toluene	10.386	91	352687	19.973	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	99280	16.158	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	53378	15.550	ug/L	99
46) Tetrachloroethene	10.861	164	57551	17.772	ug/L	94
48) 2-Hexanone	10.965	43	67092	26.548	ug/L	98
49) Dibromochloromethane	11.129	129	59065	16.534	ug/L	91
50) 1,2-Dibromoethane	11.233	107	46614	14.250	ug/L	98
51) Chlorobenzene	11.654	112	218732	19.162	ug/L	99
52) Ethylbenzene	11.727	91	401943	20.091	ug/L	98
53) m,p-Xylene	11.837	106	144339	19.653	ug/L	92
54) o-Xylene	12.160	106	136560	20.104	ug/L	90
55) Styrene	12.178	104	237263	19.864	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	62205	14.366	ug/L	93
59) Bromoform	12.349	173	29104	13.922	ug/L	96
60) Isopropylbenzene	12.458	105	381681	20.030	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	45085	13.756	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	281747	20.786	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	304537	20.357	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	162155	18.985	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	154598	17.668	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	133223	17.255	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	9373	11.962	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	100528	18.042	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	75366	15.372	ug/L	94
71) Naphthalene	15.360	128	131727	12.801	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	64634	14.510	ug/L	95

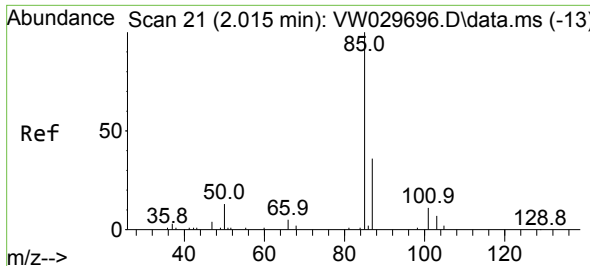
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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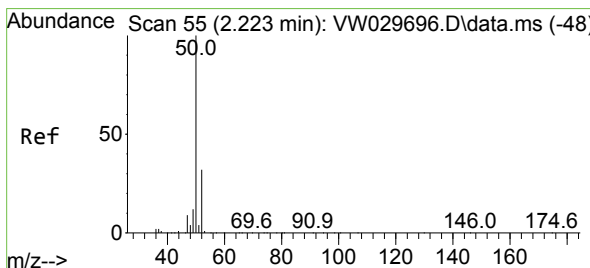
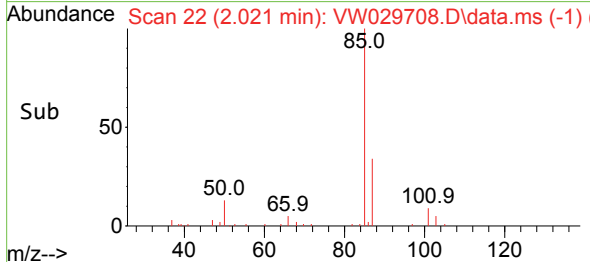
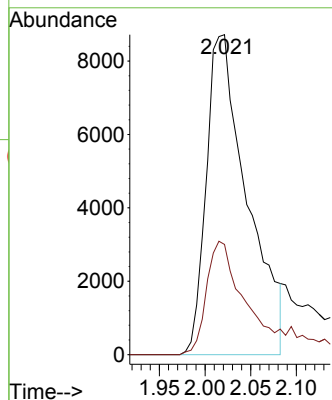
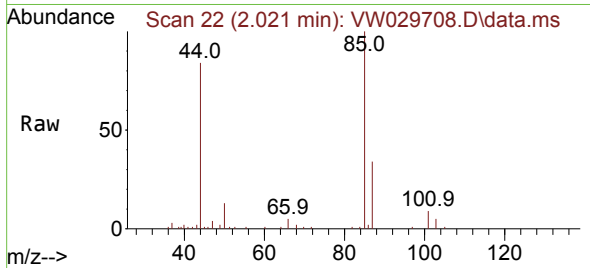




#2
 Dichlorodifluoromethane
 Concen: 10.092 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW029708.D
 Acq: 23 Jul 2024 16:18

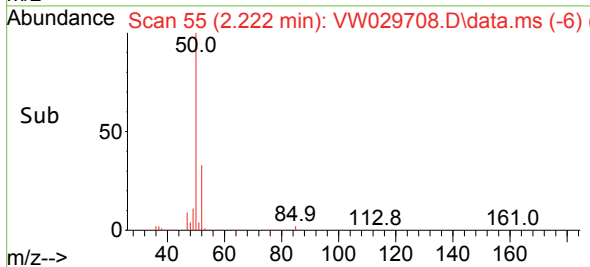
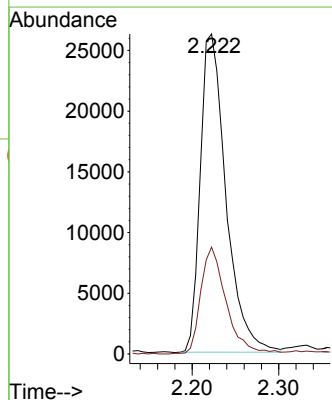
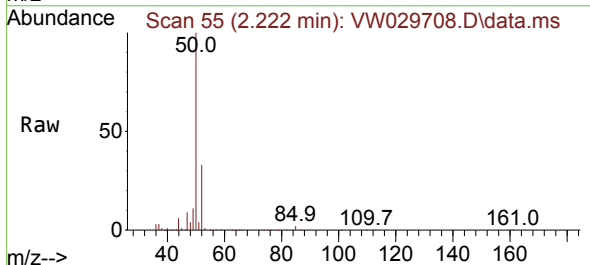
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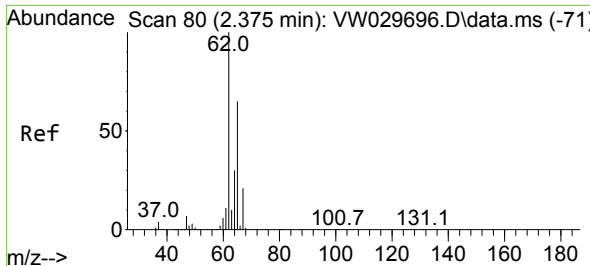
Tgt Ion: 85 Resp: 27116
 Ion Ratio Lower Upper
 85 100
 87 33.9 26.1 39.1



#3
 Chloromethane
 Concen: 15.035 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029708.D
 Acq: 23 Jul 2024 16:18

Tgt Ion: 50 Resp: 54050
 Ion Ratio Lower Upper
 50 100
 52 33.4 24.4 45.2

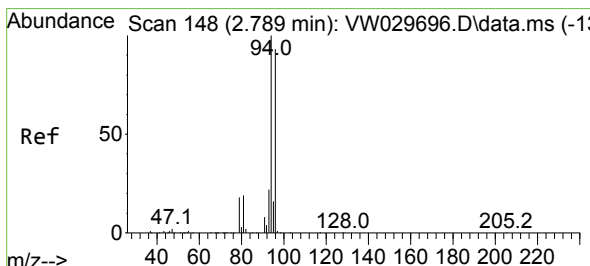
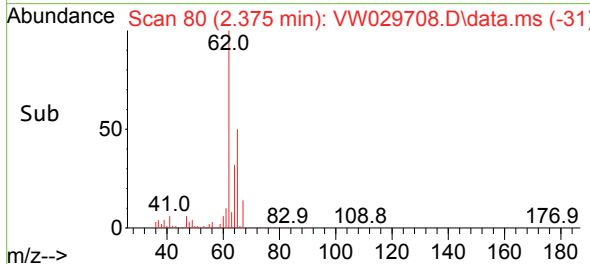
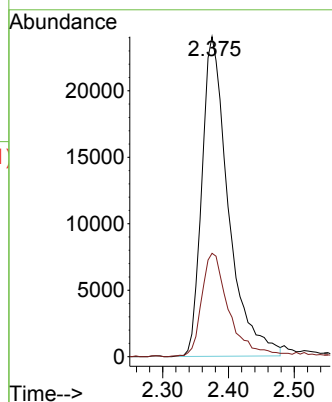
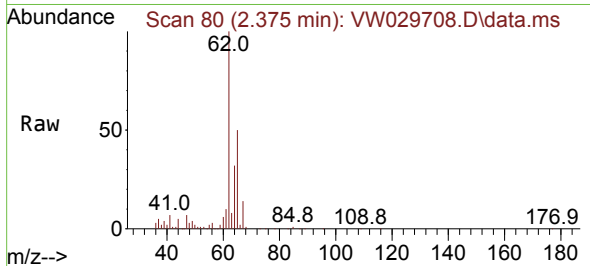




#5
 Vinyl chloride
 Concen: 16.391 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029708.D
 Acq: 23 Jul 2024 16:18

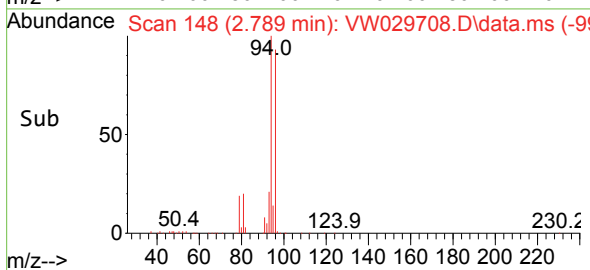
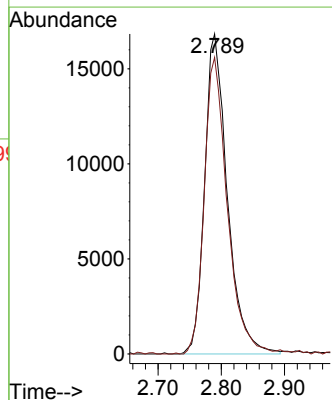
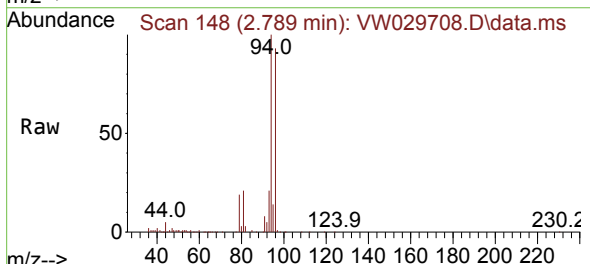
Instrument :
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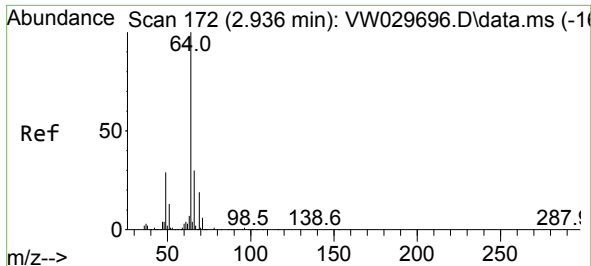
Tgt Ion: 62 Resp: 67245
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.1 46.5



#6
 Bromomethane
 Concen: 17.313 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029708.D
 Acq: 23 Jul 2024 16:18

Tgt Ion: 94 Resp: 42057
 Ion Ratio Lower Upper
 94 100
 96 92.7 61.7 114.7

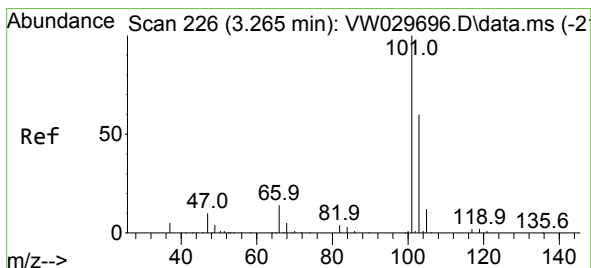
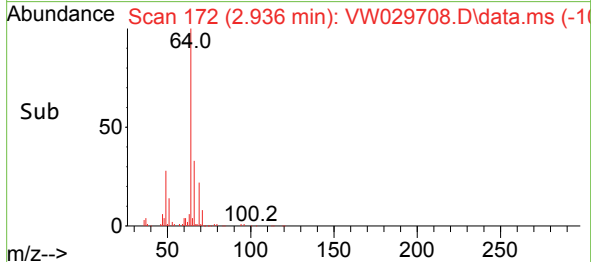
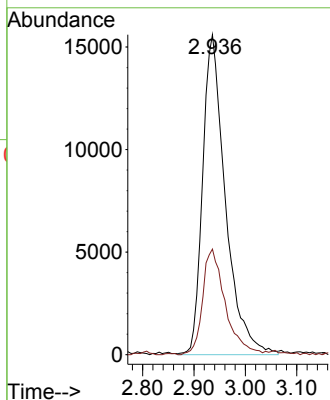
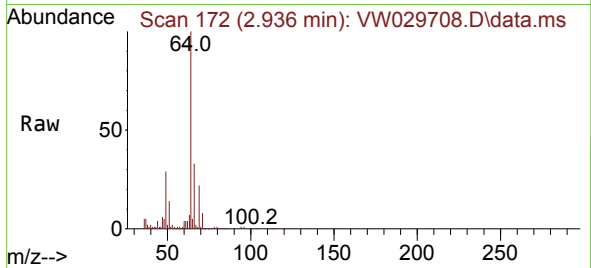




#8
Chloroethane
Concen: 19.037 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

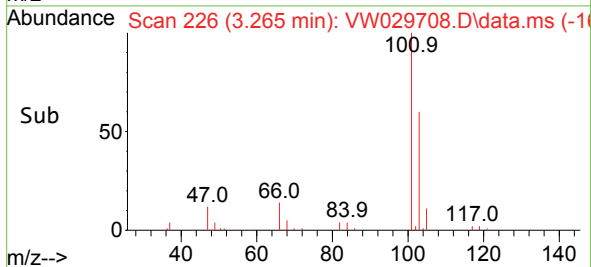
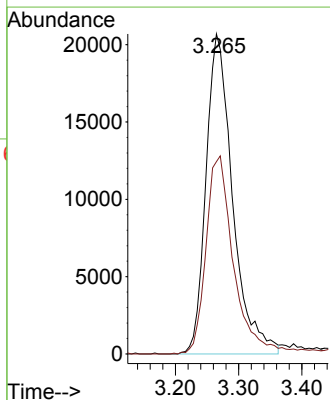
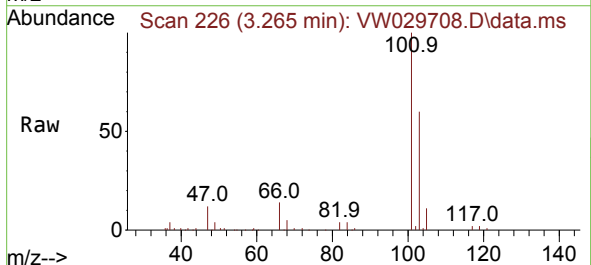
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MSVOA_W
ClientSampleId :

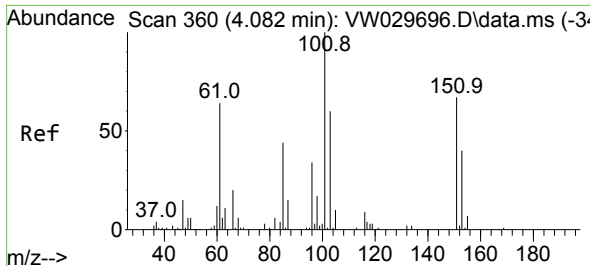
Tgt Ion: 64 Resp: 48059
Ion Ratio Lower Upper
64 100
66 33.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 16.366 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion:101 Resp: 60439
Ion Ratio Lower Upper
101 100
103 62.2 49.6 74.4

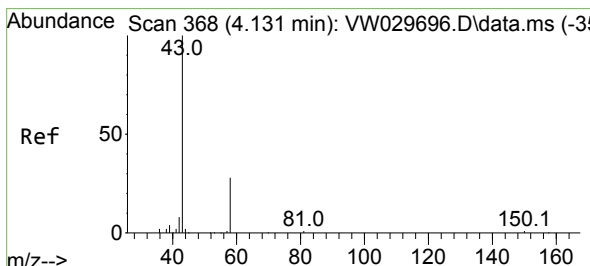
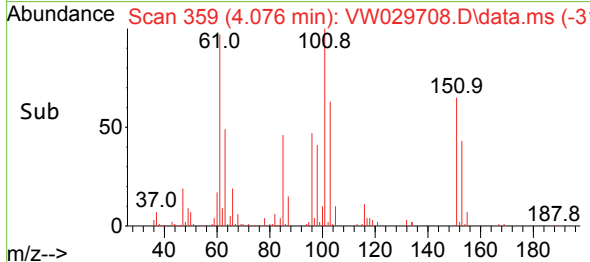
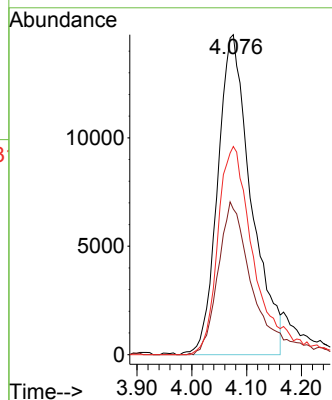
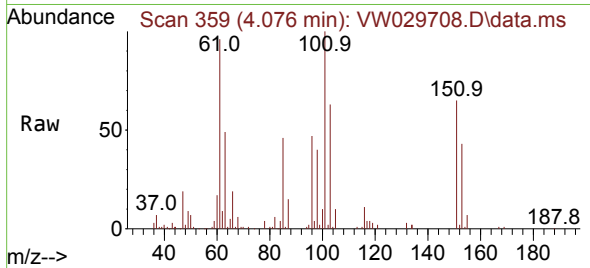




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 17.230 ug/L
RT: 4.076 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

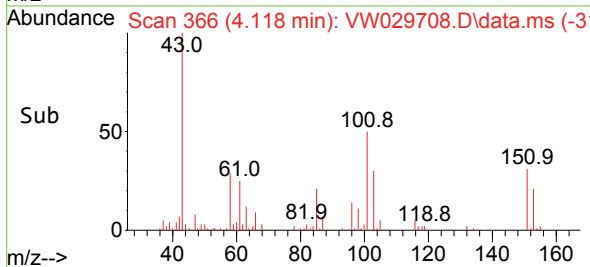
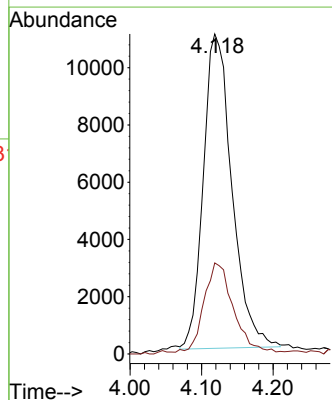
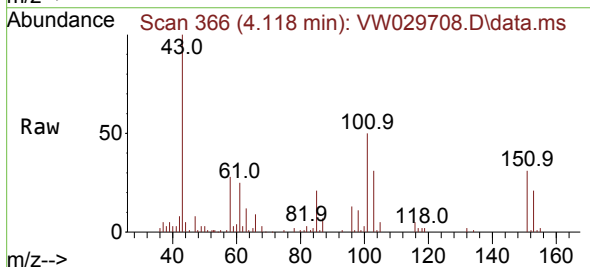
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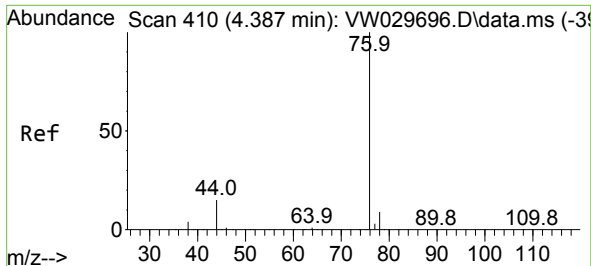
Tgt Ion:101 Resp: 62622
Ion Ratio Lower Upper
101 100
85 49.3 33.8 50.8
151 66.1 55.4 83.0



#13
Acetone
Concen: 22.736 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW029708.D
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Tgt Ion: 43 Resp: 30536
Ion Ratio Lower Upper
43 100
58 29.3 0.0 55.6

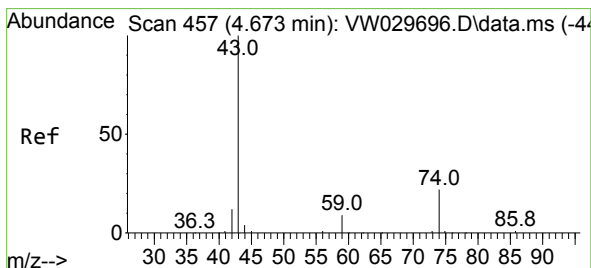
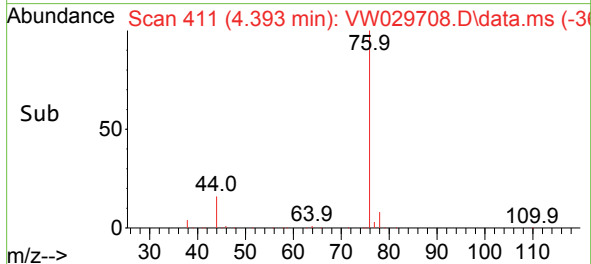
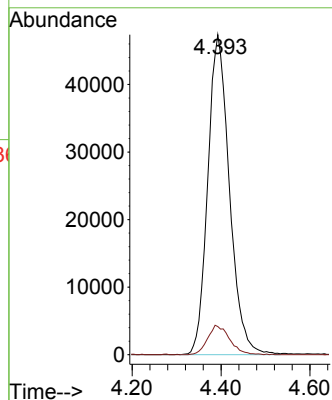
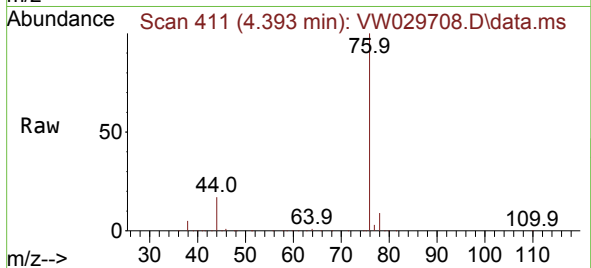




#14
Carbon disulfide
Concen: 14.474 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

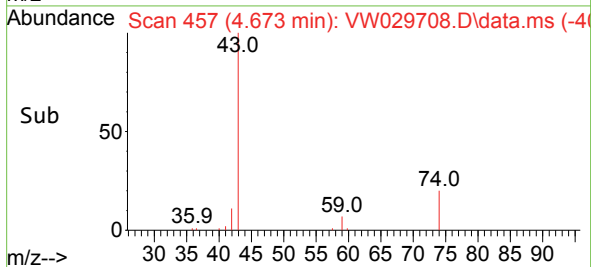
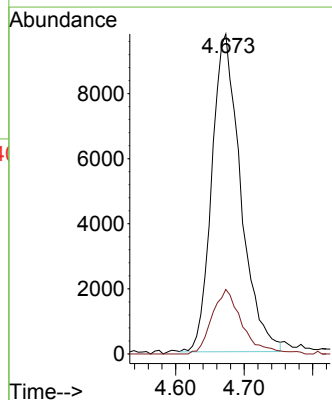
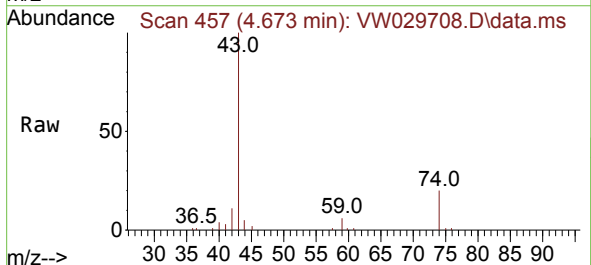
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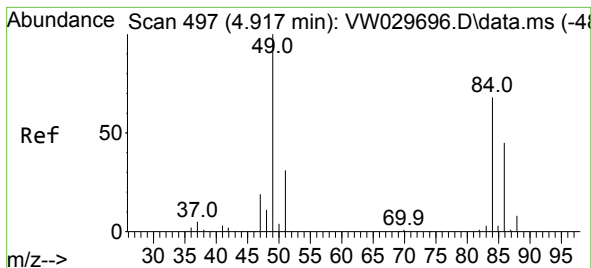
Tgt Ion: 76 Resp: 160395
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#15
Methyl Acetate
Concen: 12.123 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion: 43 Resp: 28586
Ion Ratio Lower Upper
43 100
74 21.1 16.2 24.4





#16

Methylene chloride

Concen: 16.148 ug/L

RT: 4.923 min Scan# 49

Delta R.T. 0.006 min

Lab File: VW029708.D

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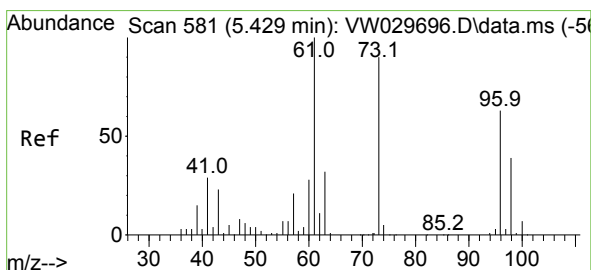
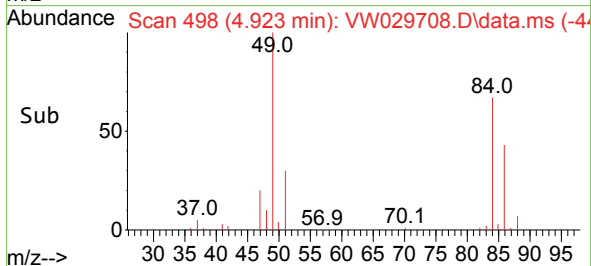
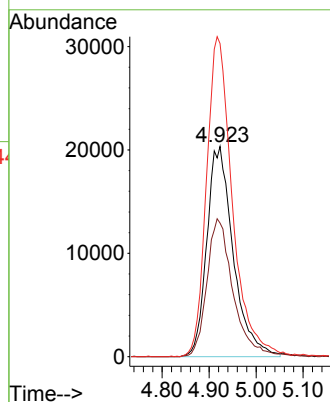
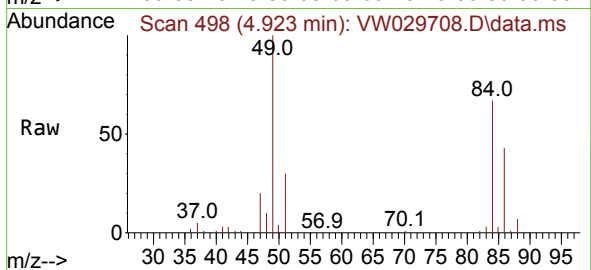
Tgt Ion: 84 Resp: 79328

Ion Ratio Lower Upper

84 100

86 63.5 46.2 85.8

49 149.0 96.7 179.7



#17

trans-1,2-Dichloroethene

Concen: 18.866 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029708.D

Acq: 23 Jul 2024 16:18

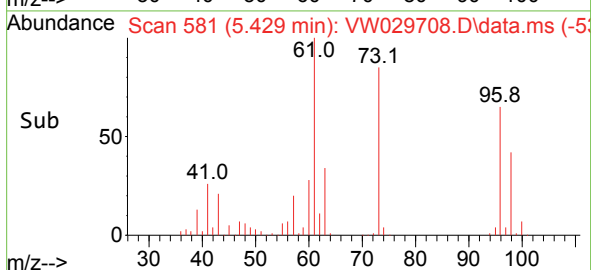
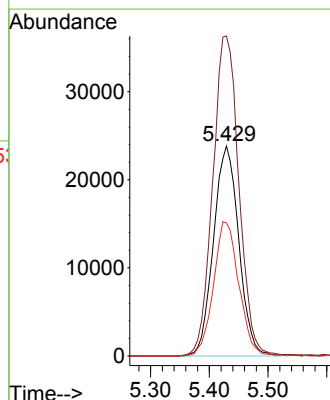
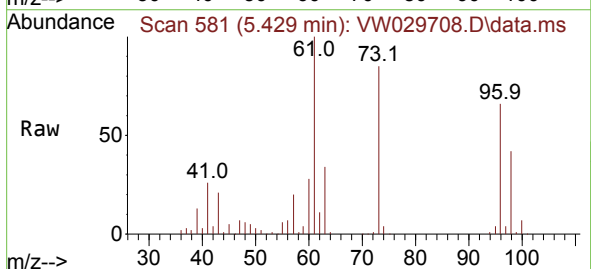
Tgt Ion: 96 Resp: 71267

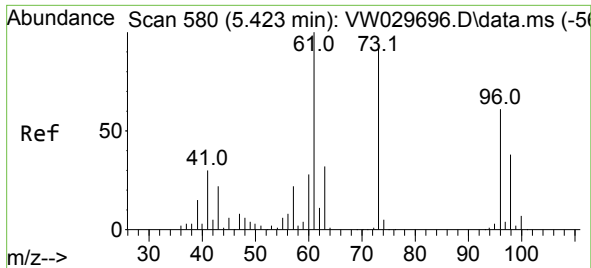
Ion Ratio Lower Upper

96 100

61 152.4 102.9 191.1

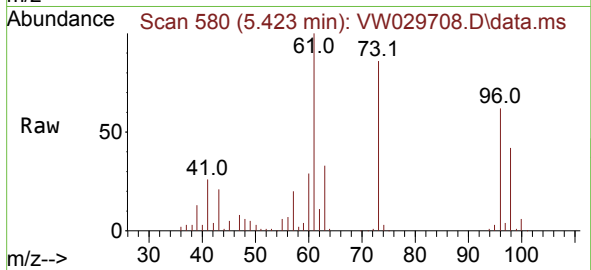
98 63.4 43.9 81.5



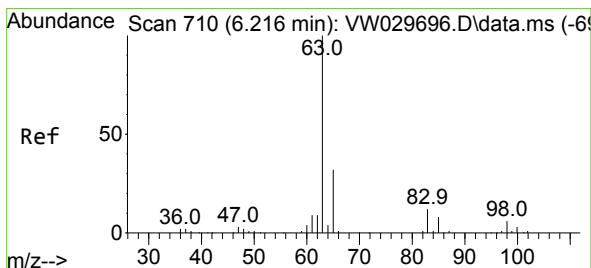
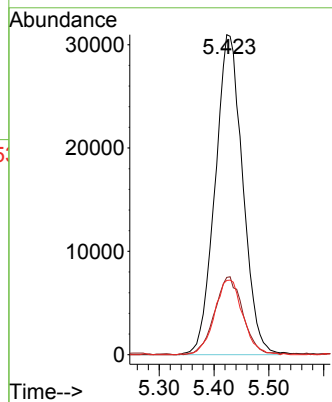
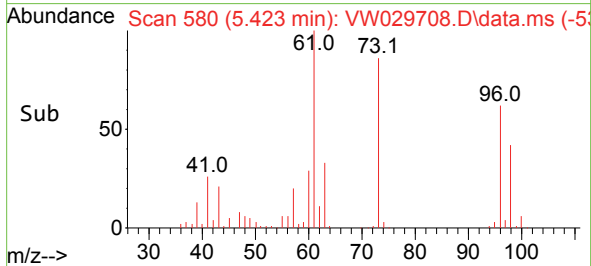


#18
Methyl tert-butyl Ether
Concen: 16.830 ug/L
RT: 5.423 min Scan# 518
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

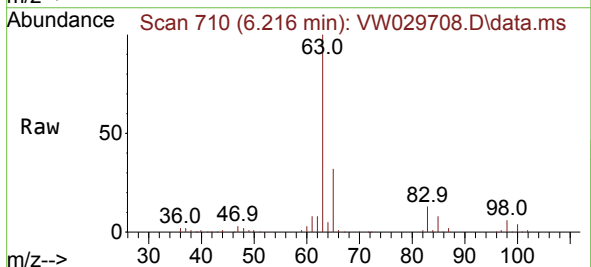
Instrument :
MSVOA_W
ClientSampleId :



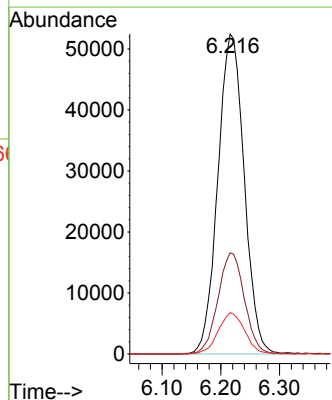
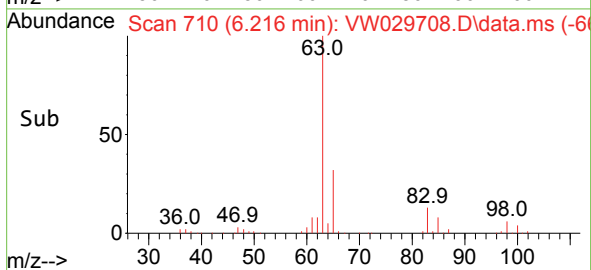
Tgt Ion: 73 Resp: 108171
Ion Ratio Lower Upper
73 100
43 24.7 18.7 28.1
57 24.0 18.9 28.3

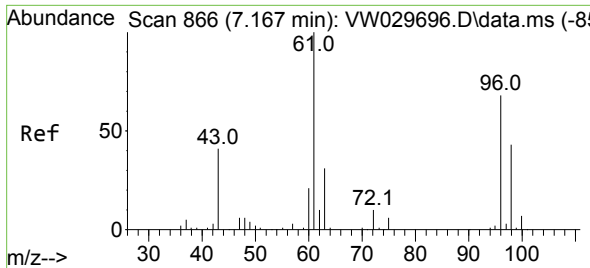


#19
1,1-Dichloroethane
Concen: 21.062 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18



Tgt Ion: 63 Resp: 163395
Ion Ratio Lower Upper
63 100
65 31.6 21.5 39.9
83 12.9 8.7 16.1

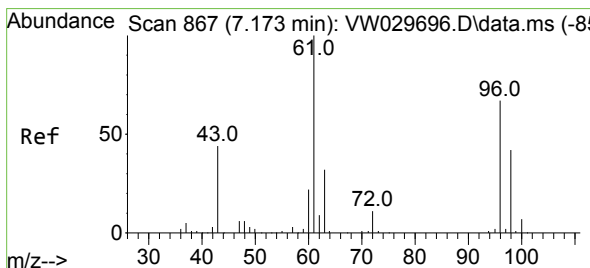
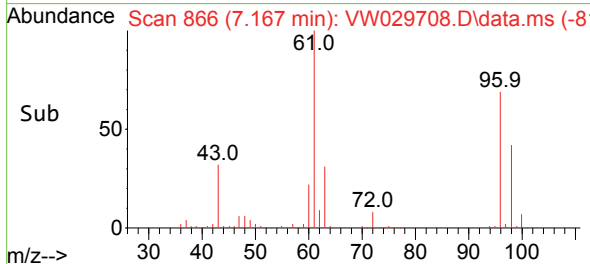
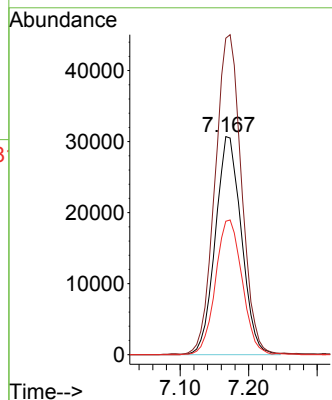
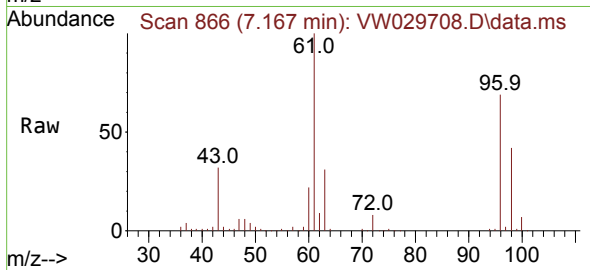




#20
cis-1,2-Dichloroethene
Concen: 19.609 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

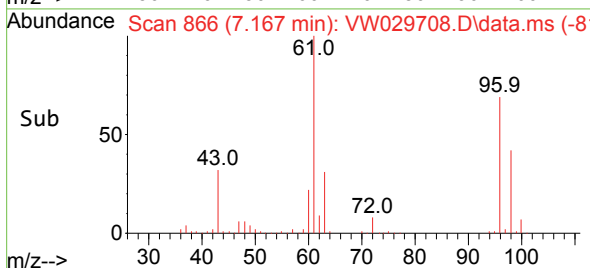
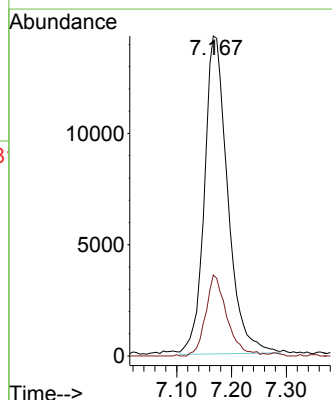
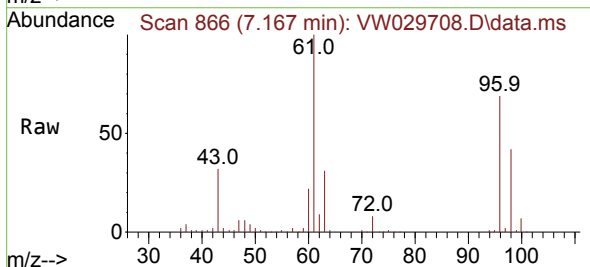
Instrument :
MSVOA_W
ClientSampleId :

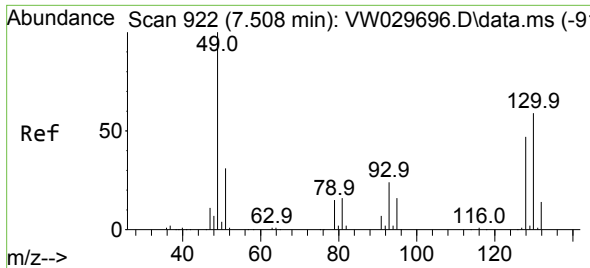
Tgt Ion: 96 Resp: 80999
Ion Ratio Lower Upper
96 100
61 145.2 97.4 180.8
98 61.2 41.6 77.2



#22
2-Butanone
Concen: 23.968 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion: 43 Resp: 42259
Ion Ratio Lower Upper
43 100
72 22.8 12.0 36.1

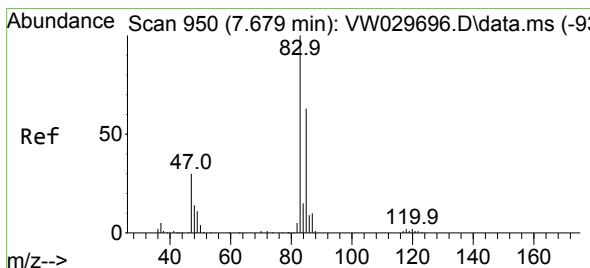
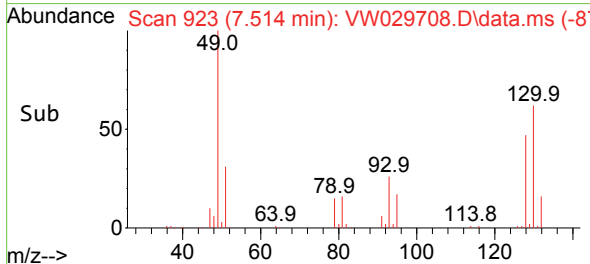
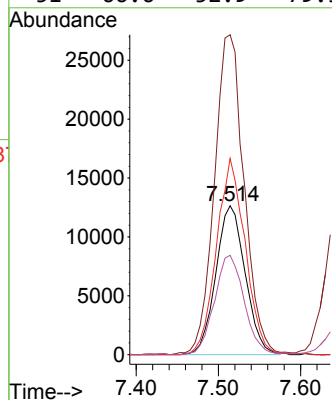
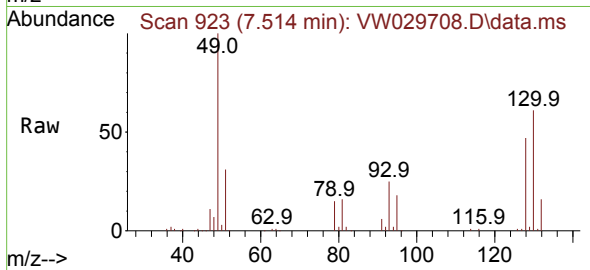




#23
Bromochloromethane
Concen: 16.921 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

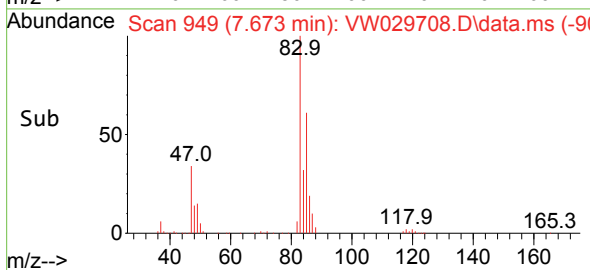
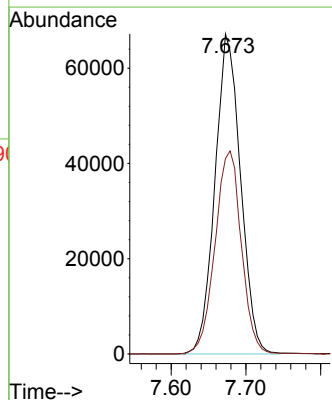
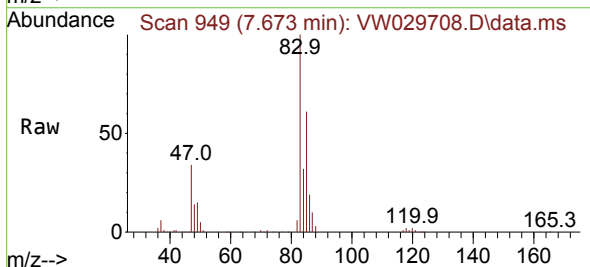
Instrument :
MSVOA_W
ClientSampleId :

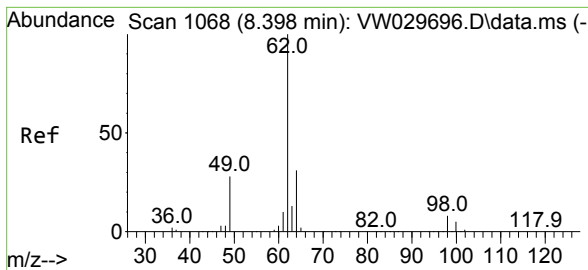
Tgt Ion:128 Resp: 31439
Ion Ratio Lower Upper
128 100
49 214.8 146.2 271.4
130 131.7 91.9 170.7
51 66.6 52.9 79.3



#25
Chloroform
Concen: 21.294 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion: 83 Resp: 159841
Ion Ratio Lower Upper
83 100
85 61.1 44.1 81.9

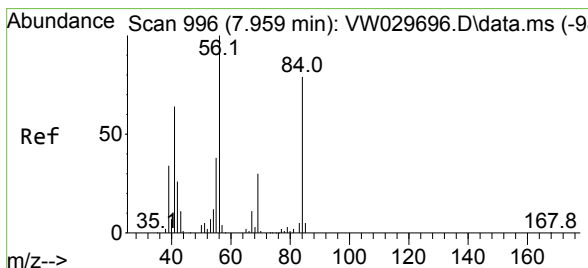
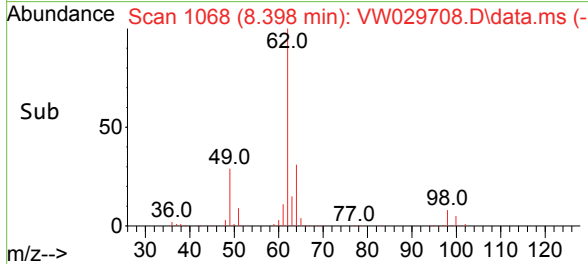
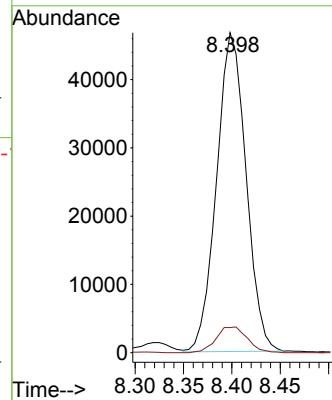
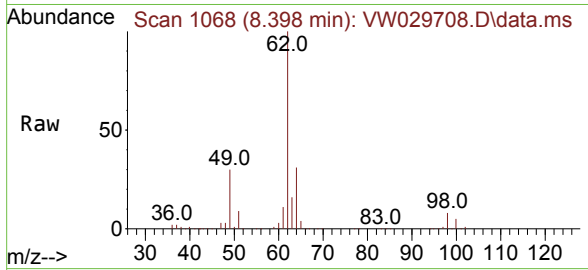




#27
1,2-Dichloroethane
Concen: 17.571 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

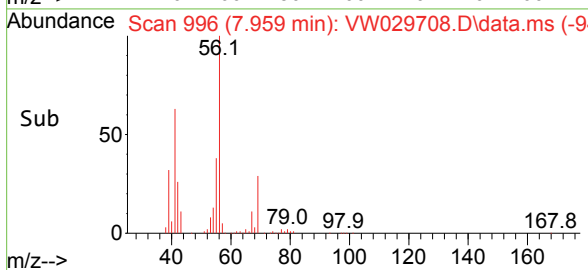
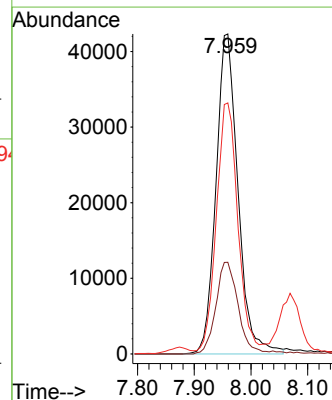
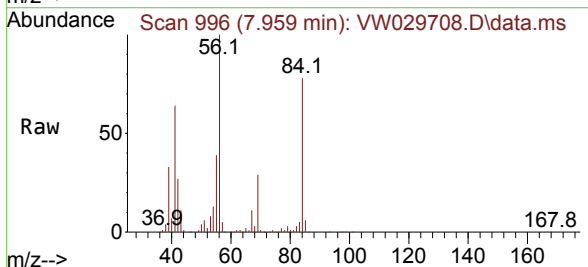
Instrument :
MSVOA_W
ClientSampleId :

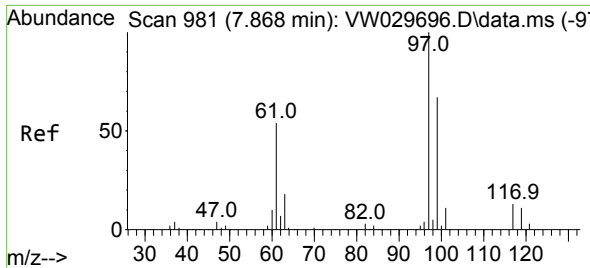
Tgt Ion: 62 Resp: 98923
Ion Ratio Lower Upper
62 100
98 7.9 6.0 9.0



#29
Cyclohexane
Concen: 16.565 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion: 56 Resp: 113791
Ion Ratio Lower Upper
56 100
69 28.8 23.3 34.9
84 76.7 63.1 94.7

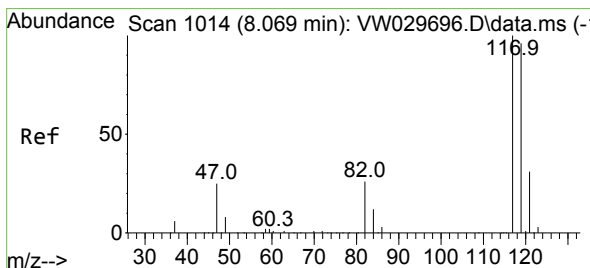
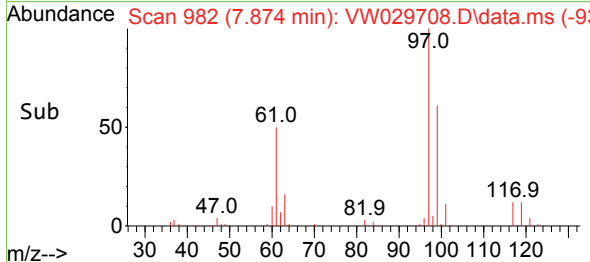
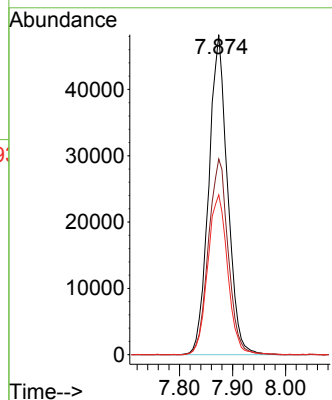
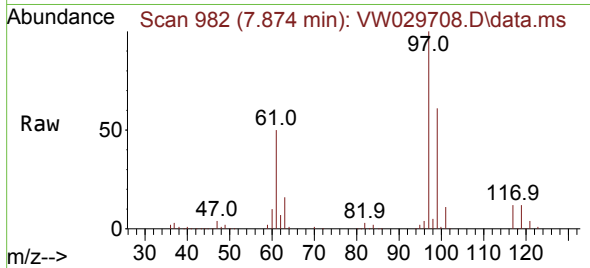




#30
1,1,1-Trichloroethane
Concen: 18.842 ug/L
RT: 7.874 min Scan# 981
Delta R.T. 0.006 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

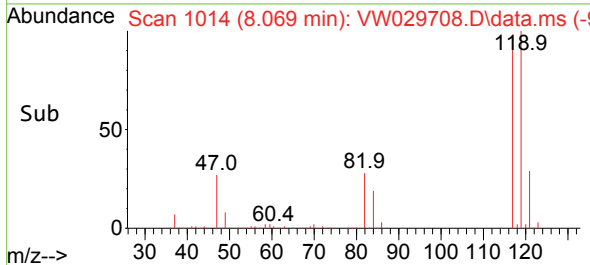
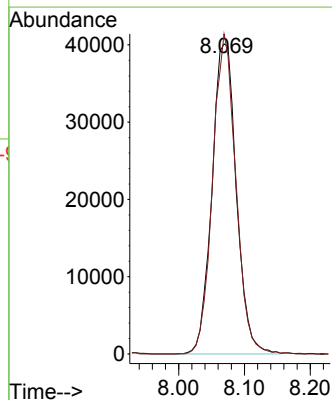
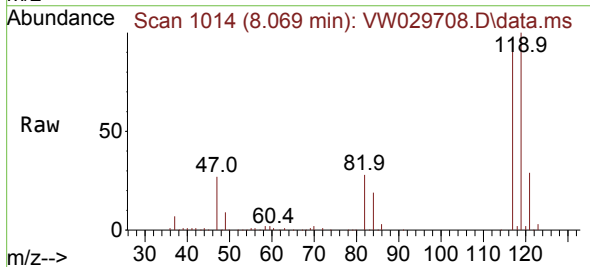
Instrument :
MSVOA_W
ClientSampleId :

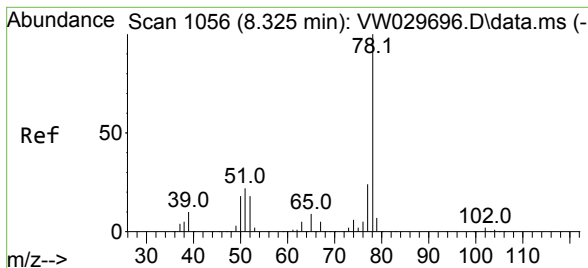
Tgt Ion: 97 Resp: 118700
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 52.9 40.6 61.0



#31
Carbon tetrachloride
Concen: 18.023 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion: 117 Resp: 103979
Ion Ratio Lower Upper
117 100
119 97.9 77.0 115.6





#33

Benzene

Concen: 19.004 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW029708.D

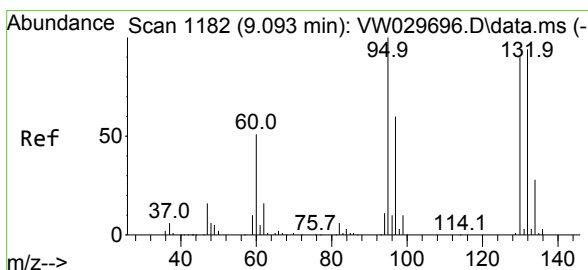
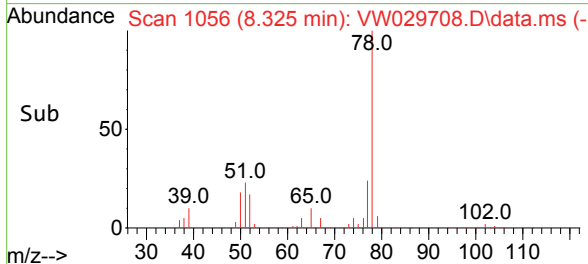
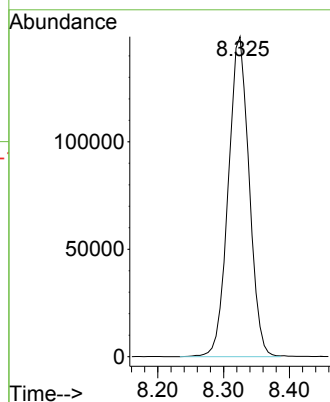
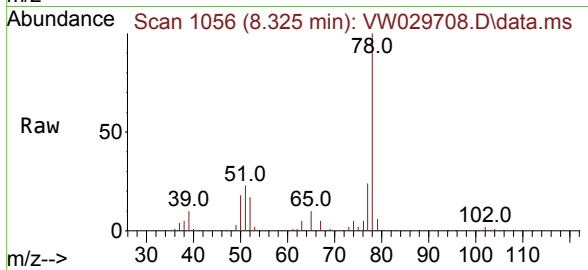
Acq: 23 Jul 2024 16:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 328019



#34

Trichloroethene

Concen: 18.592 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029708.D

Acq: 23 Jul 2024 16:18

Tgt Ion: 95 Resp: 84744

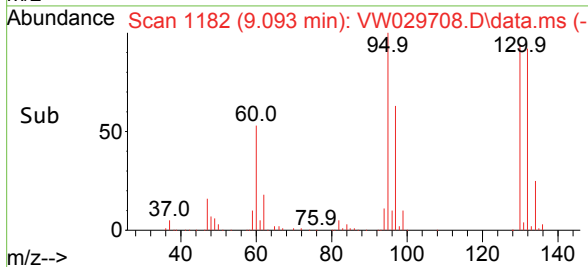
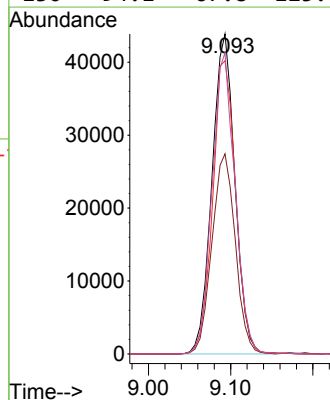
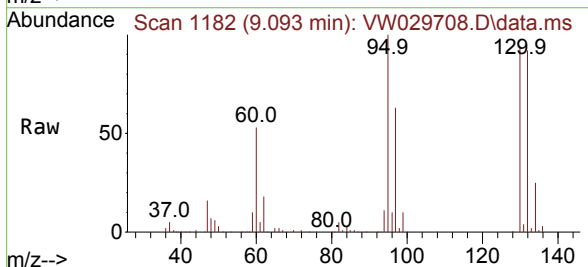
Ion Ratio Lower Upper

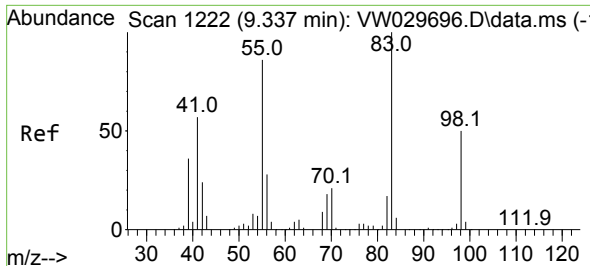
95 100

97 62.6 47.3 87.9

132 91.6 65.8 122.2

130 94.1 67.8 125.8

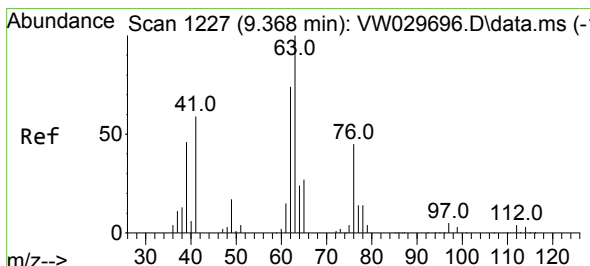
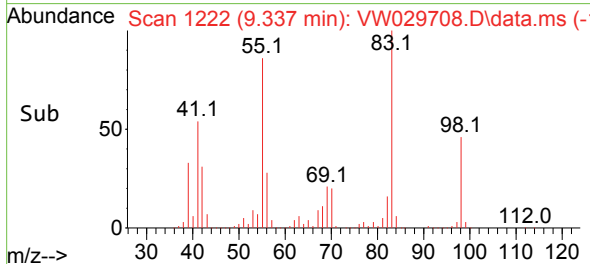
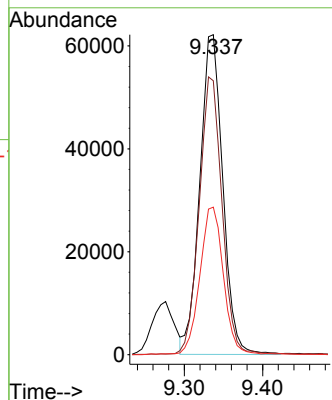
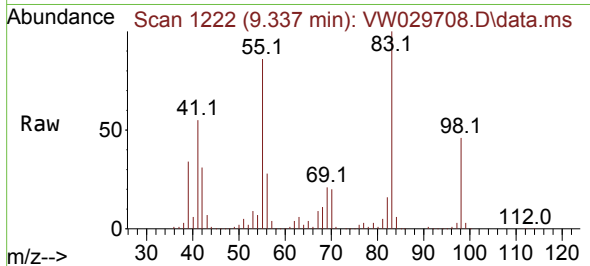




#35
Methylcyclohexane
Concen: 17.291 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

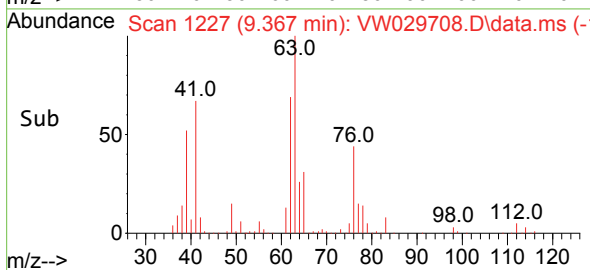
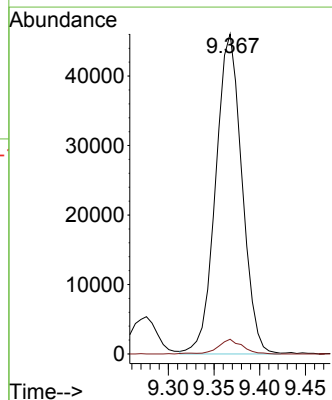
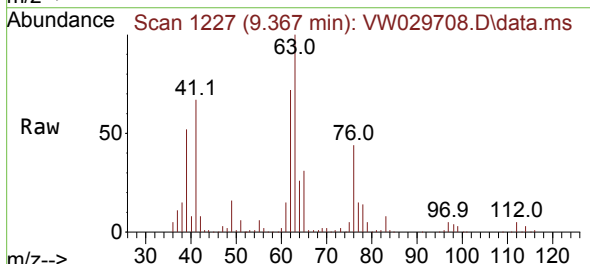
Instrument :
MSVOA_W
ClientSampleId :

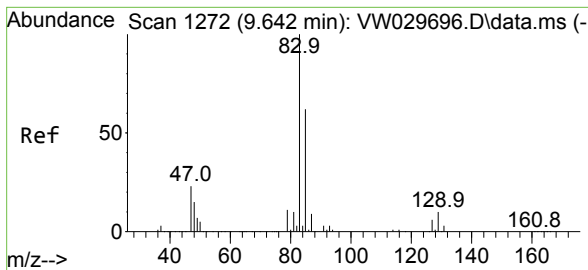
Tgt Ion: 83 Resp: 126679
Ion Ratio Lower Upper
83 100
55 86.0 69.6 104.4
98 46.7 38.3 57.5



#37
1,2-Dichloropropane
Concen: 19.302 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion: 63 Resp: 92130
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9

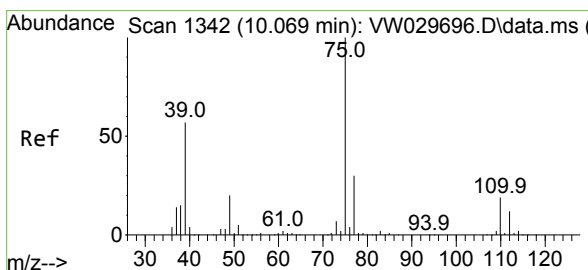
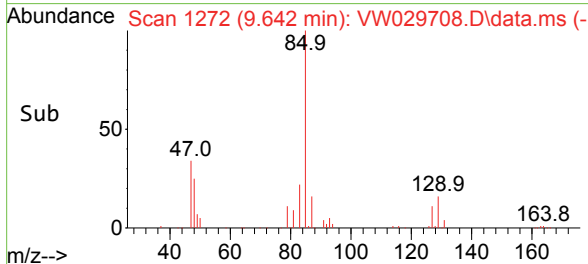
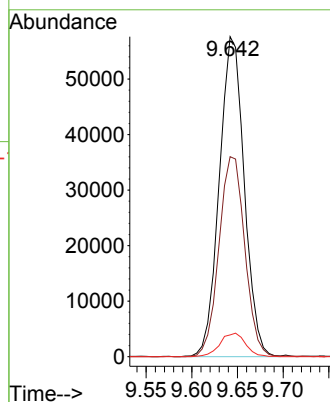
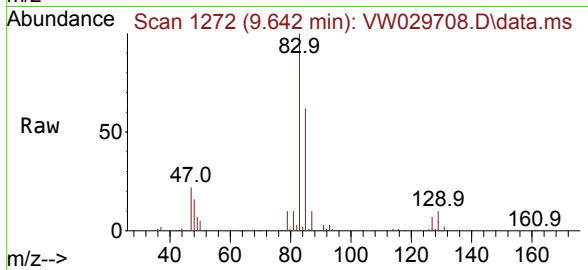




#38
Bromodichloromethane
Concen: 18.792 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

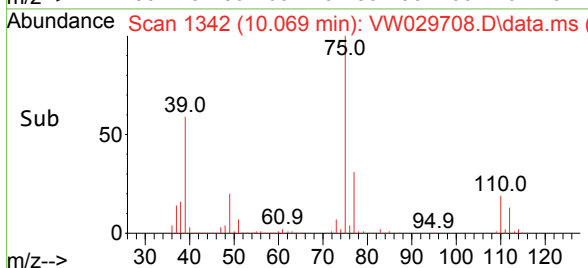
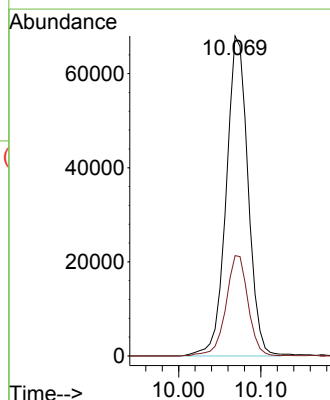
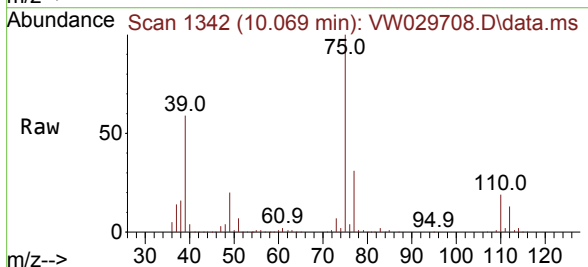
Instrument :
MSVOA_W
ClientSampleId :

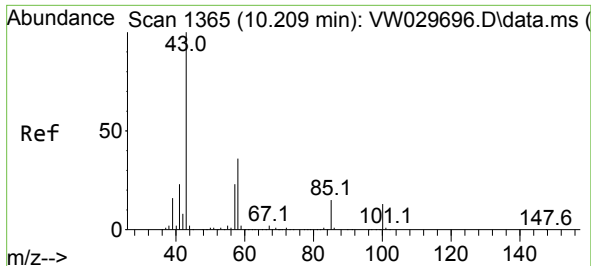
Tgt Ion: 83 Resp: 109556
Ion Ratio Lower Upper
83 100
85 62.5 46.1 85.5
127 6.8 6.1 9.1



#39
cis-1,3-Dichloropropene
Concen: 17.485 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion: 75 Resp: 125351
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2





#40

4-Methyl-2-pentanone

Concen: 26.690 ug/L

RT: 10.209 min Scan# 11

Delta R.T. -0.000 min

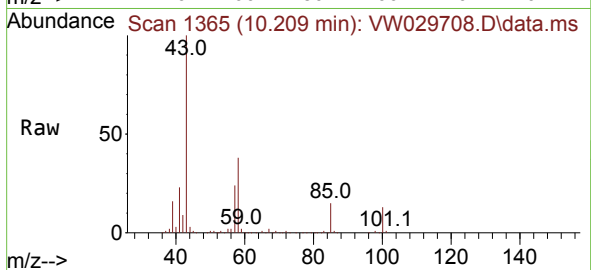
Lab File: VW029708.D

Acq: 23 Jul 2024 16:18

Instrument :

MSVOA_W

ClientSampleId :



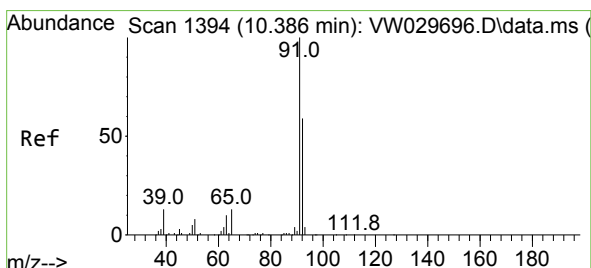
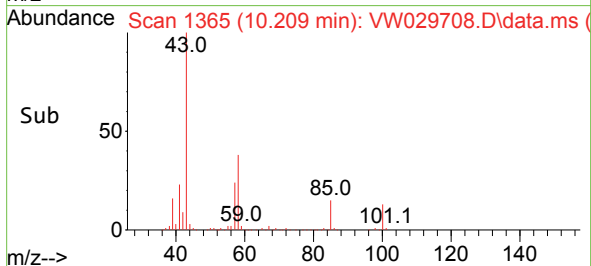
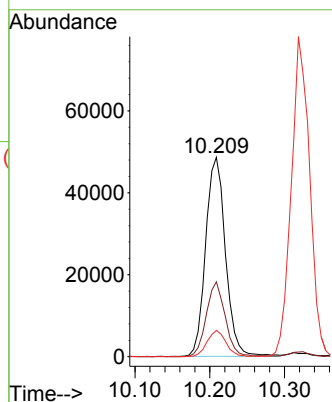
Tgt Ion: 43 Resp: 89783

Ion Ratio Lower Upper

43 100

58 35.7 29.0 43.6

100 12.6 10.5 15.7



#42

Toluene

Concen: 19.973 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029708.D

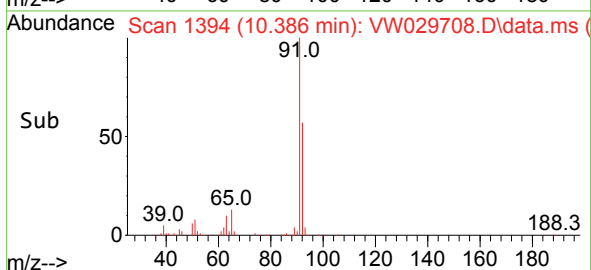
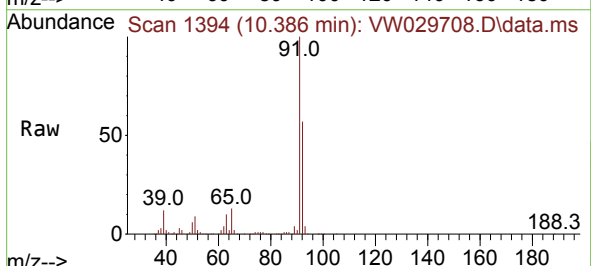
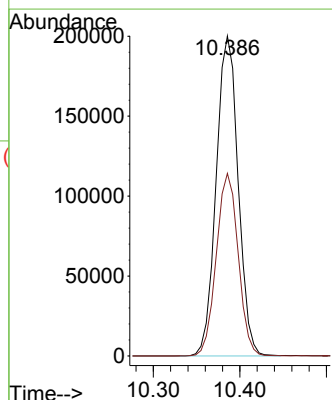
Acq: 23 Jul 2024 16:18

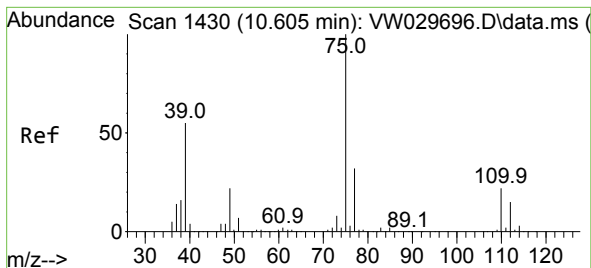
Tgt Ion: 91 Resp: 352687

Ion Ratio Lower Upper

91 100

92 57.1 41.1 76.3





#44

trans-1,3-Dichloropropene

Concen: 16.158 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029708.D

Acq: 23 Jul 2024 16:18

Instrument :

MSVOA_W

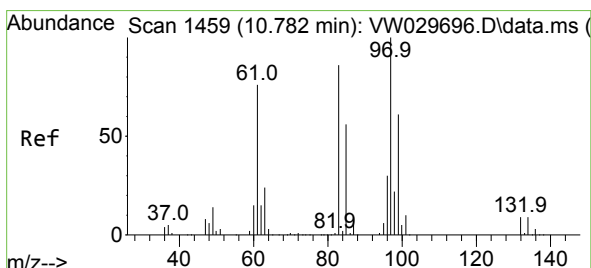
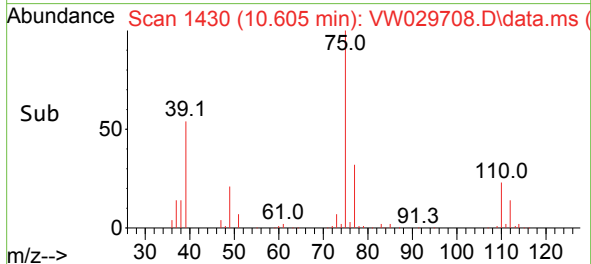
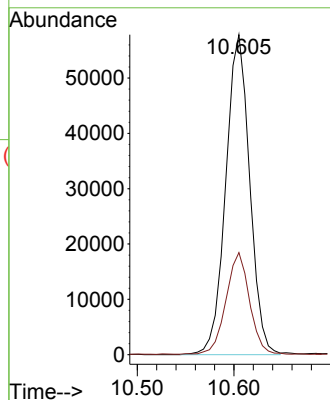
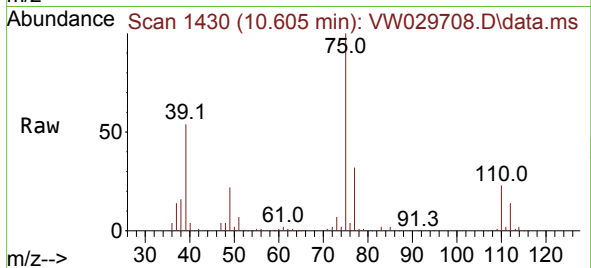
ClientSampleId :

Tgt Ion: 75 Resp: 99280

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



#45

1,1,2-Trichloroethane

Concen: 15.550 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029708.D

Acq: 23 Jul 2024 16:18

Tgt Ion: 97 Resp: 53378

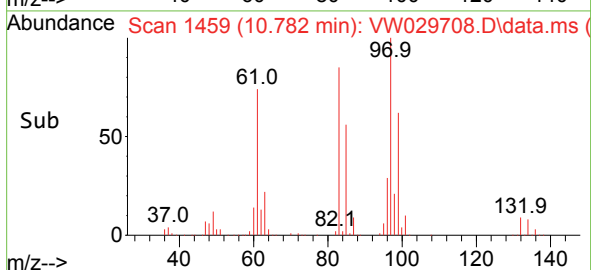
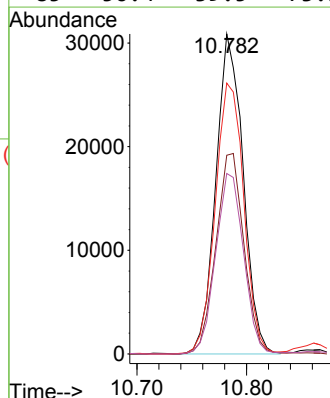
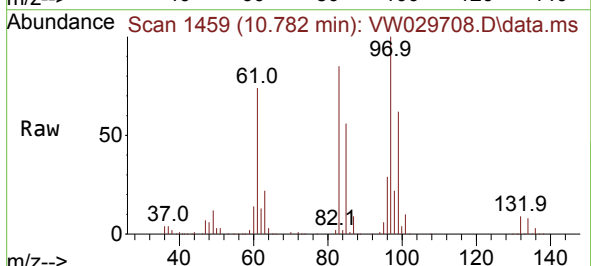
Ion Ratio Lower Upper

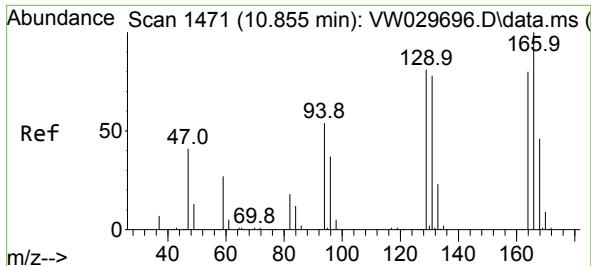
97 100

99 62.1 43.8 81.4

83 84.6 60.3 111.9

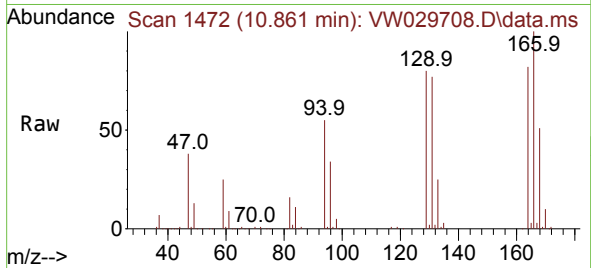
85 56.4 39.5 73.3



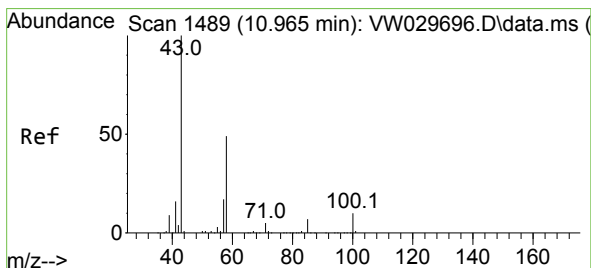
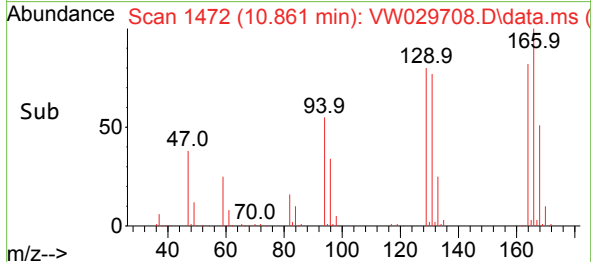
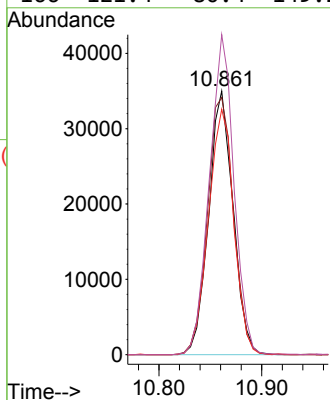


#46
Tetrachloroethene
Concen: 17.772 ug/L
RT: 10.861 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Instrument :
MSVOA_W
ClientSampleId :

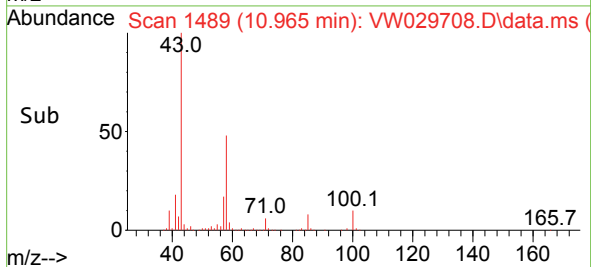
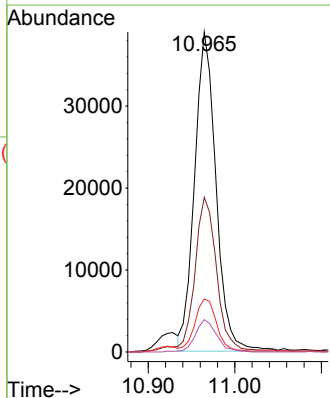
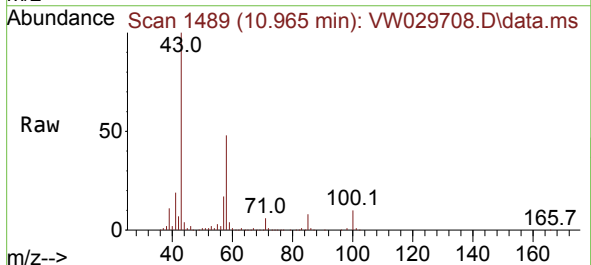


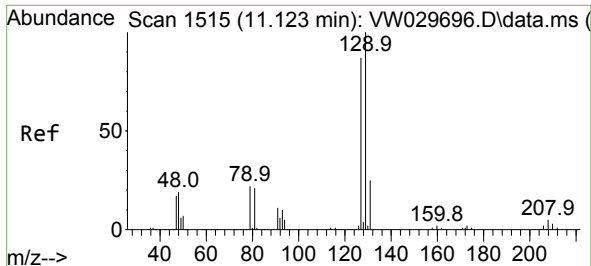
Tgt Ion:164 Resp: 57551
Ion Ratio Lower Upper
164 100
129 97.5 60.0 111.4
131 93.1 64.6 120.0
166 121.4 80.4 149.2



#48
2-Hexanone
Concen: 26.548 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion: 43 Resp: 67092
Ion Ratio Lower Upper
43 100
58 48.5 39.8 59.8
57 17.1 14.6 21.8
100 10.0 8.3 12.5

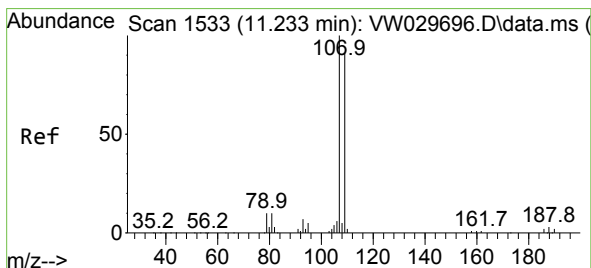
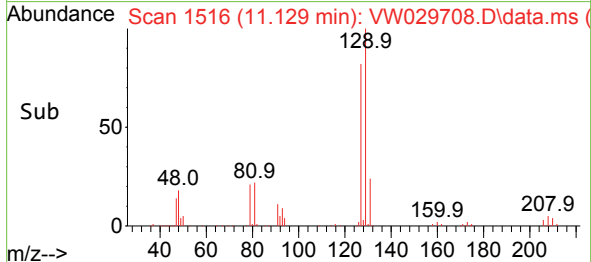
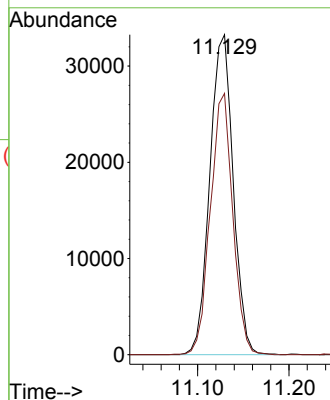
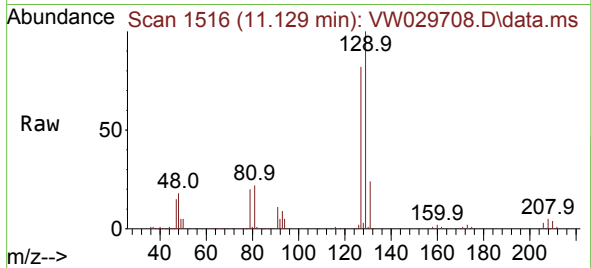




#49
Dibromochloromethane
Concen: 16.534 ug/L
RT: 11.129 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

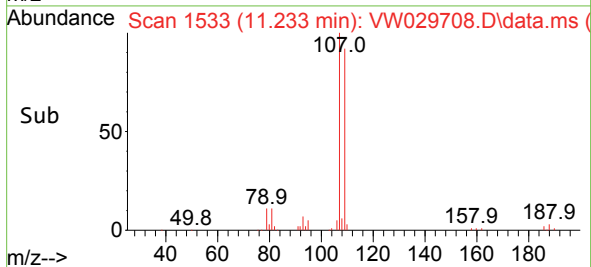
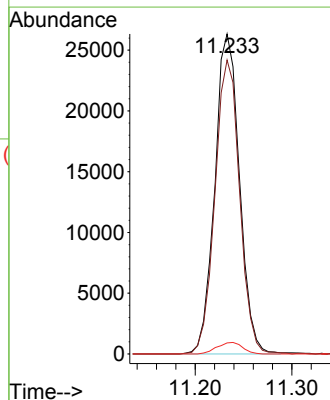
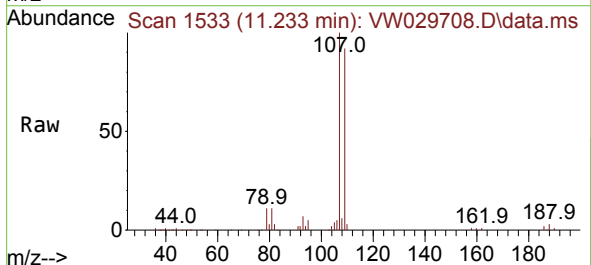
Instrument :
MSVOA_W
ClientSampleId :

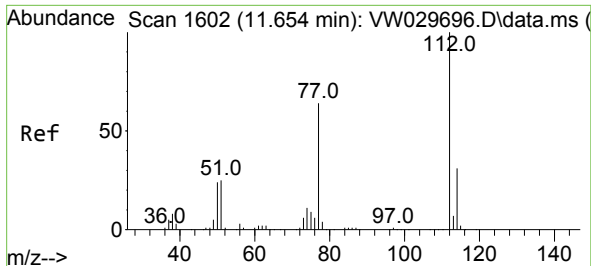
Tgt Ion:129 Resp: 59065
Ion Ratio Lower Upper
129 100
127 81.6 51.9 96.3



#50
1,2-Dibromoethane
Concen: 14.250 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

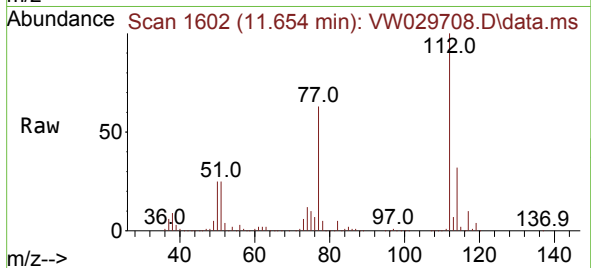
Tgt Ion:107 Resp: 46614
Ion Ratio Lower Upper
107 100
109 91.9 63.2 117.4
188 3.4 2.9 4.3



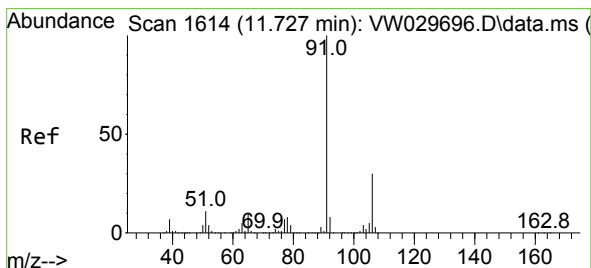
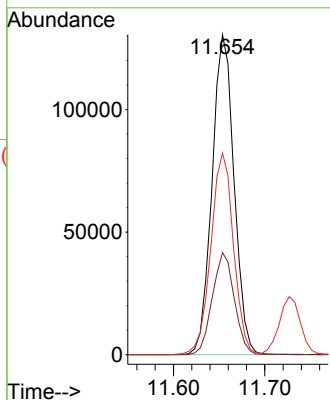
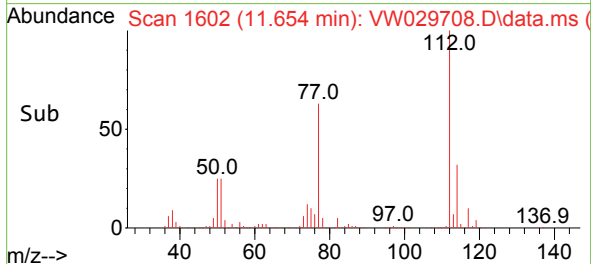


#51
Chlorobenzene
Concen: 19.162 ug/L
RT: 11.654 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Instrument :
MSVOA_W
ClientSampleId :

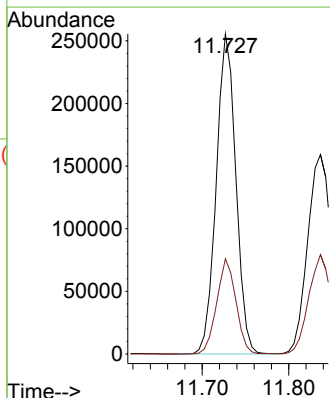
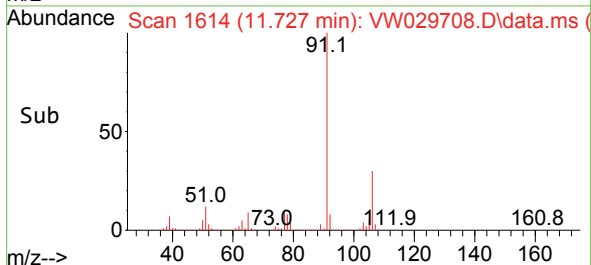
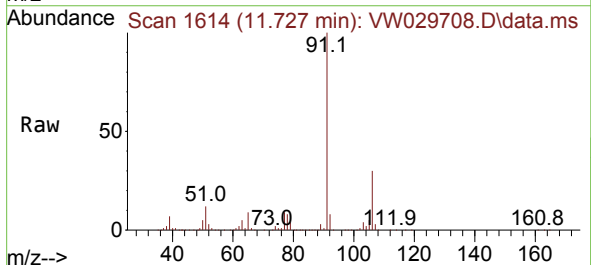


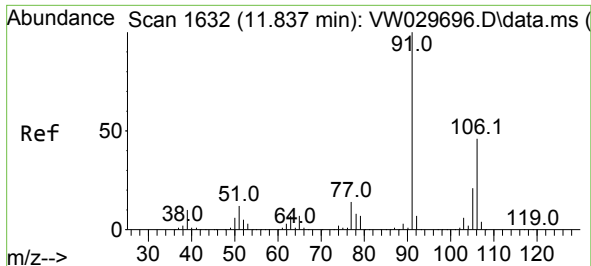
Tgt Ion:112 Resp: 218732
Ion Ratio Lower Upper
112 100
114 31.9 22.6 42.0
77 63.0 49.9 74.9



#52
Ethylbenzene
Concen: 20.091 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion: 91 Resp: 401943
Ion Ratio Lower Upper
91 100
106 29.7 20.2 37.6

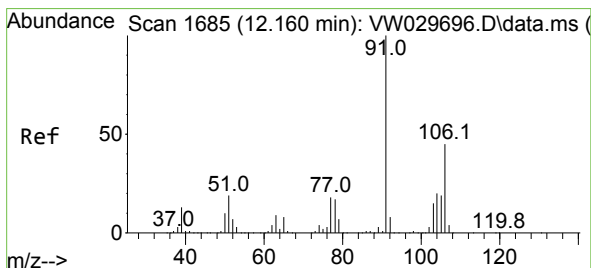
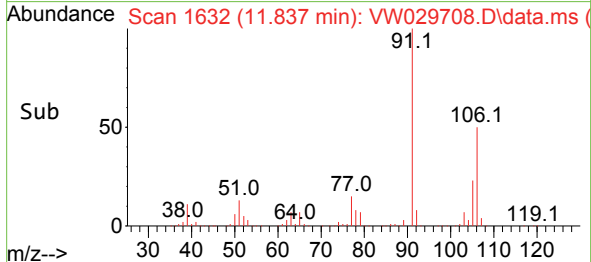
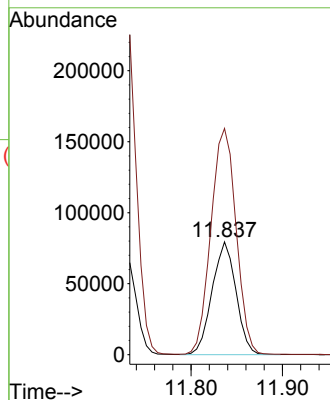
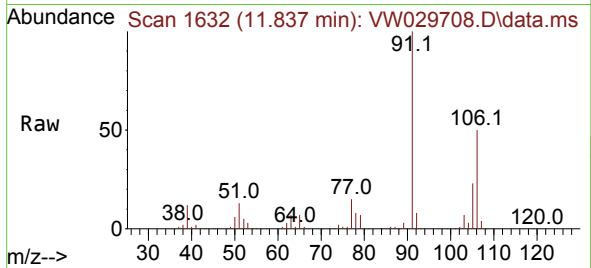




#53
m,p-Xylene
Concen: 19.653 ug/L
RT: 11.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

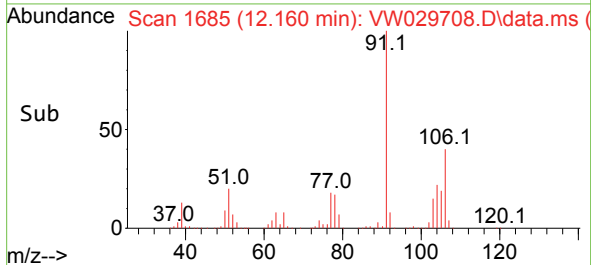
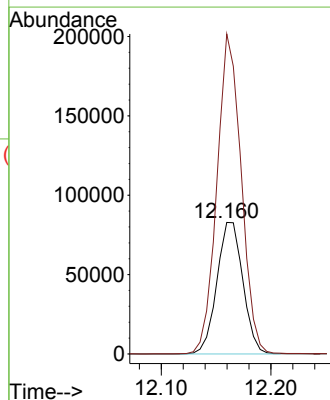
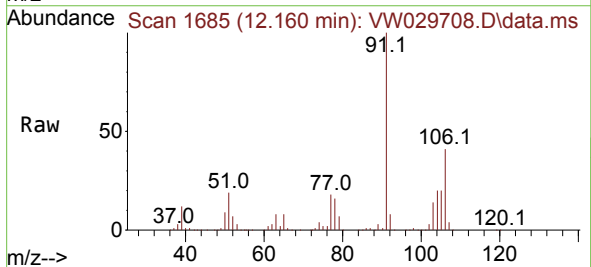
Instrument :
MSVOA_W
ClientSampleId :

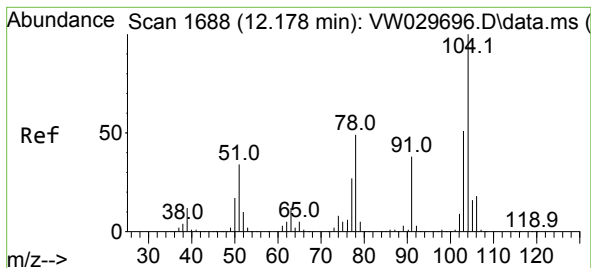
Tgt Ion:106 Resp: 144339
Ion Ratio Lower Upper
106 100
91 200.7 149.3 277.3



#54
o-Xylene
Concen: 20.104 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion:106 Resp: 136560
Ion Ratio Lower Upper
106 100
91 243.4 159.2 295.6





#55

Styrene

Concen: 19.864 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029708.D

Acq: 23 Jul 2024 16:18

Instrument :

MSVOA_W

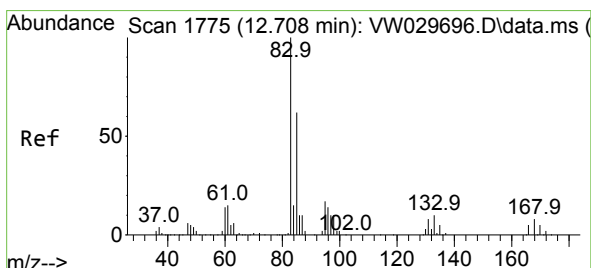
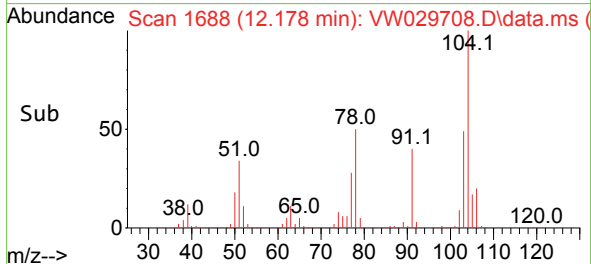
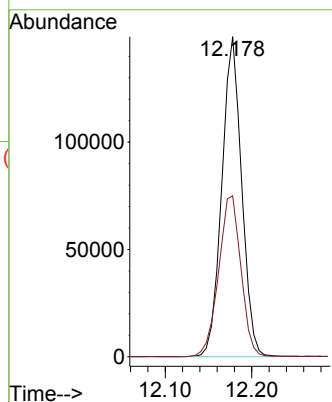
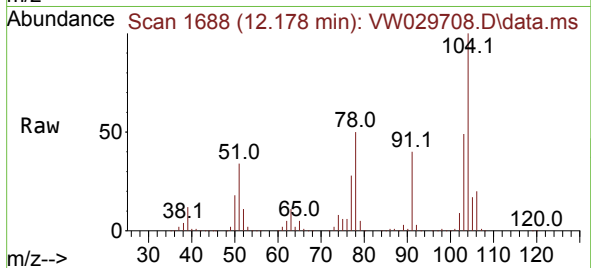
ClientSampleId :

Tgt Ion:104 Resp: 237263

Ion Ratio Lower Upper

104 100

78 50.3 34.7 64.5



#57

1,1,2,2-Tetrachloroethane

Concen: 14.366 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW029708.D

Acq: 23 Jul 2024 16:18

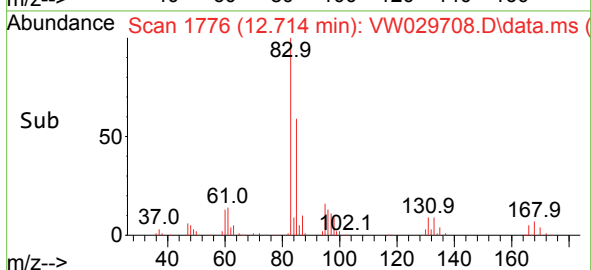
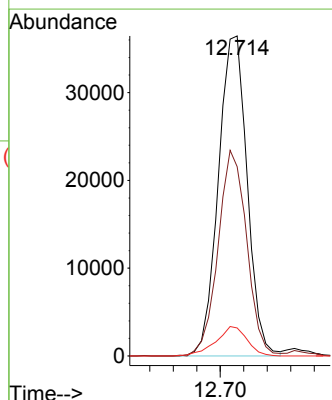
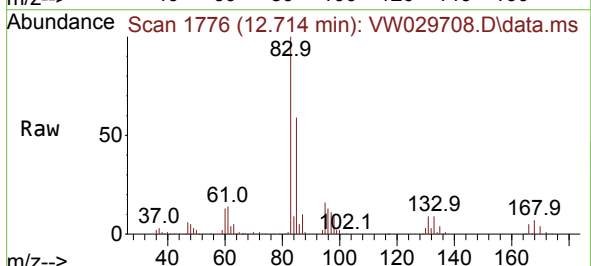
Tgt Ion: 83 Resp: 62205

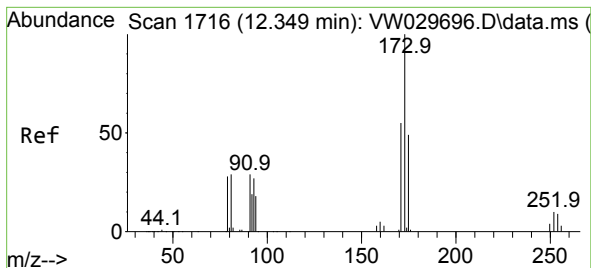
Ion Ratio Lower Upper

83 100

85 59.2 45.4 84.4

131 8.8 6.4 9.6





#59

Bromoform

Concen: 13.922 ug/L

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

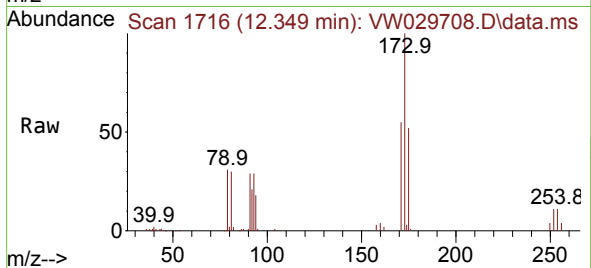
Lab File: VW029708.D

Acq: 23 Jul 2024 16:18

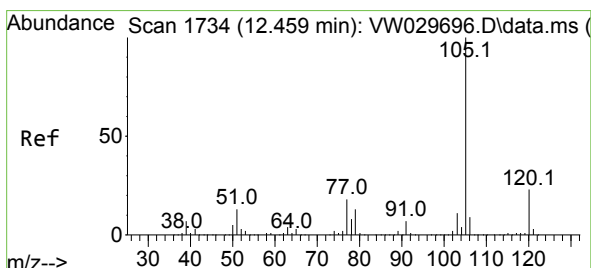
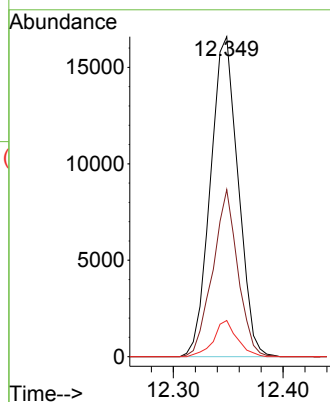
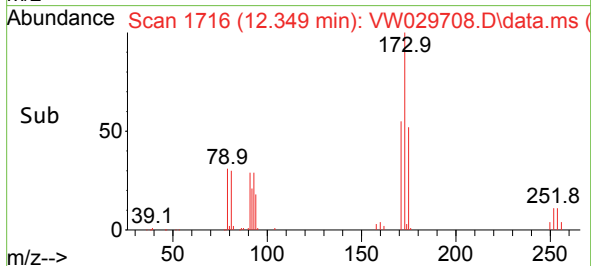
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	173	Resp:	29104
Ion	Ratio	Lower	Upper
173	100		
175	47.4	40.4	60.6
254	9.7	8.8	13.2



#60

Isopropylbenzene

Concen: 20.030 ug/L

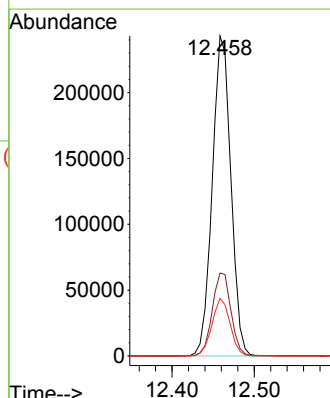
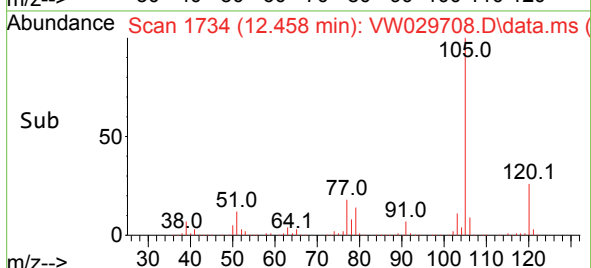
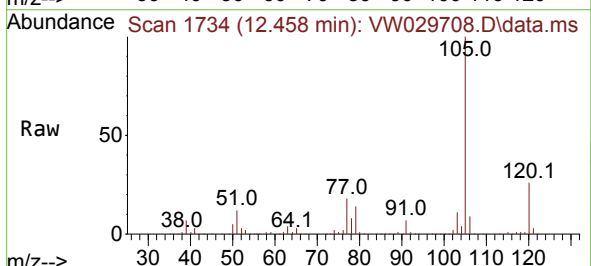
RT: 12.458 min Scan# 1734

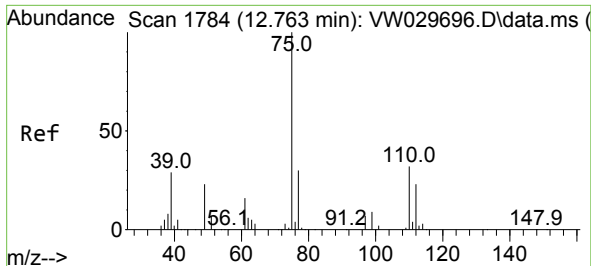
Delta R.T. -0.000 min

Lab File: VW029708.D

Acq: 23 Jul 2024 16:18

Tgt Ion:	105	Resp:	381681
Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.2	30.4
77	17.6	13.6	20.4

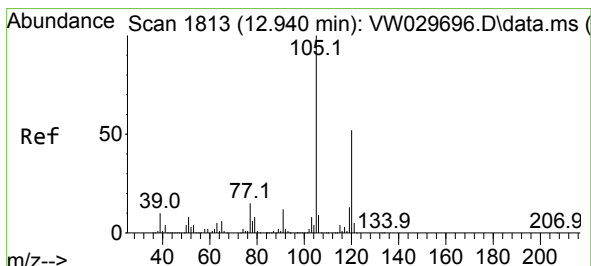
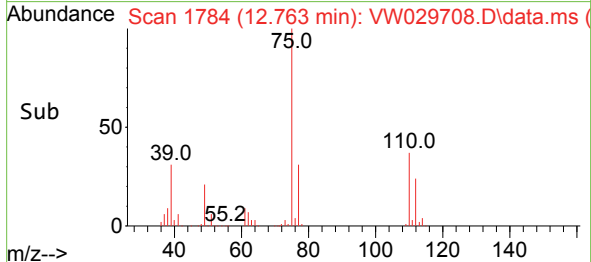
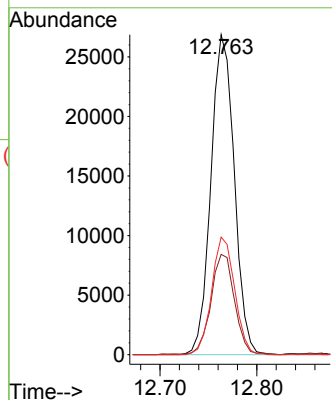
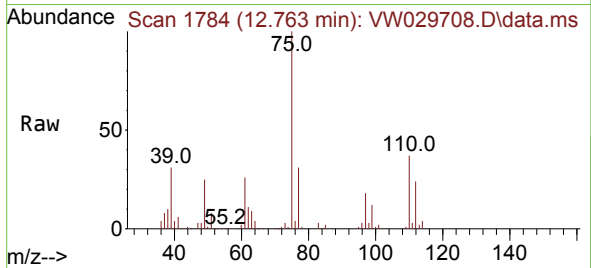




#61
1,2,3-Trichloropropane
Concen: 13.756 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

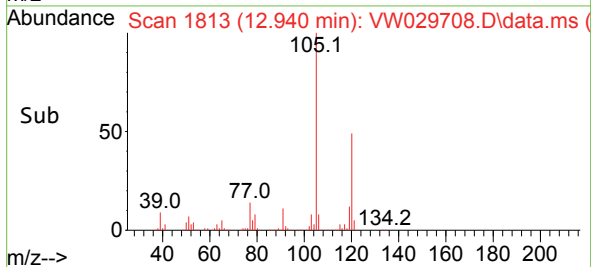
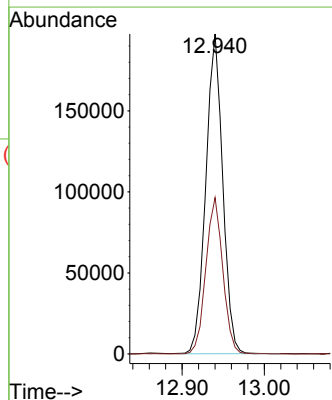
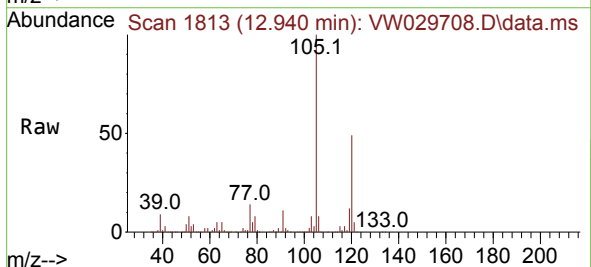
Instrument :
MSVOA_W
ClientSampleId :

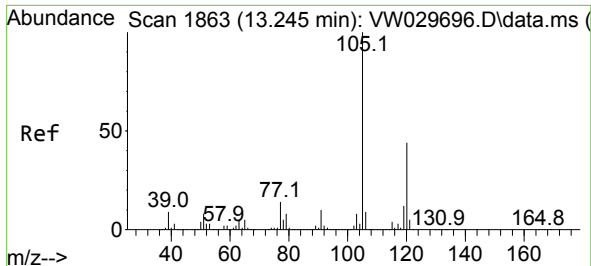
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3
110	36.2	29.1	43.7



#62
1,3,5-Trimethylbenzene
Concen: 20.786 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	38.4	57.6

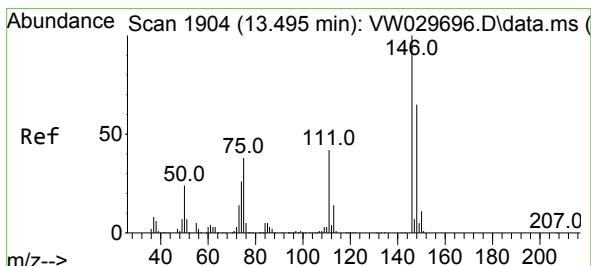
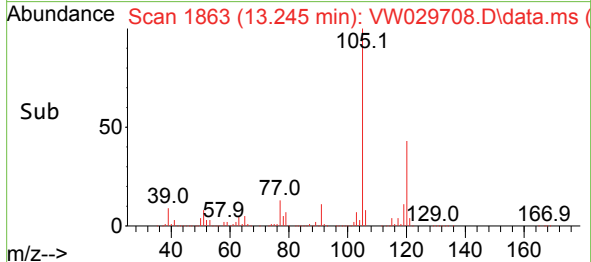
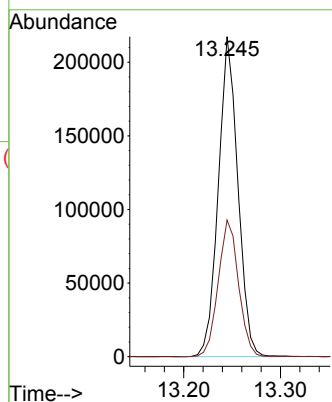
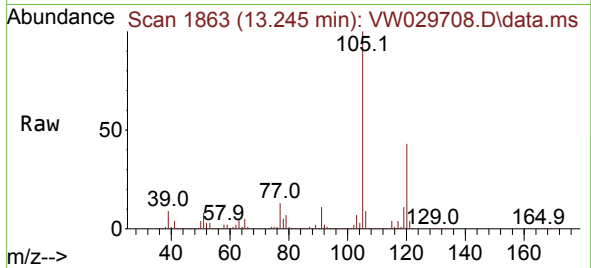




#63
1,2,4-Trimethylbenzene
Concen: 20.357 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

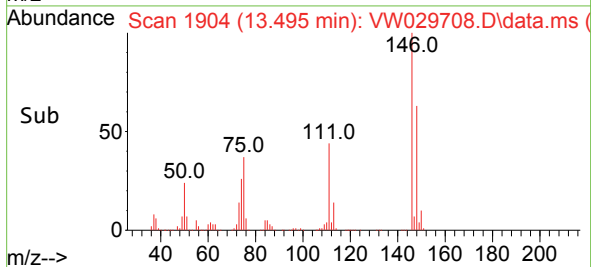
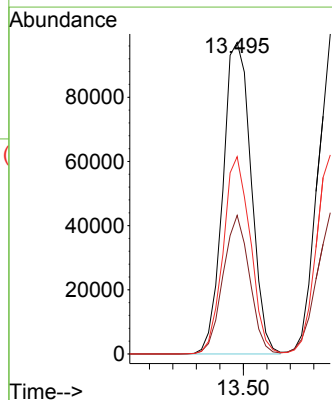
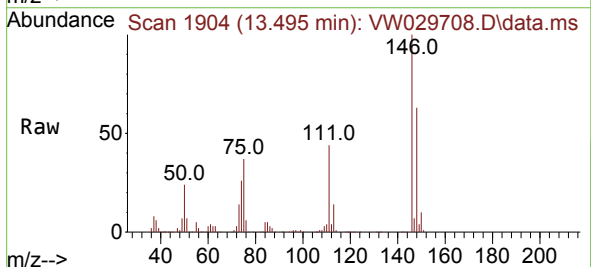
Instrument :
MSVOA_W
ClientSampleId :

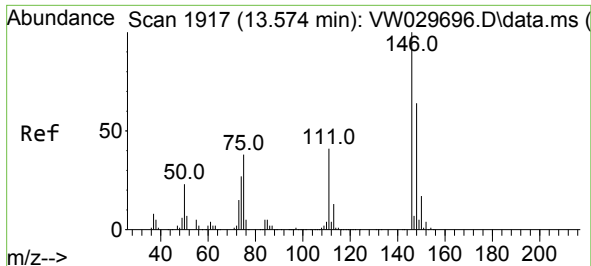
Tgt Ion:105 Resp: 304537
Ion Ratio Lower Upper
105 100
120 44.5 34.7 52.1



#64
1,3-Dichlorobenzene
Concen: 18.985 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Tgt Ion:146 Resp: 162155
Ion Ratio Lower Upper
146 100
111 44.5 28.6 53.2
148 63.3 43.0 80.0

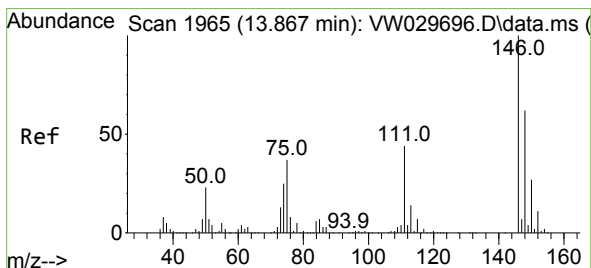
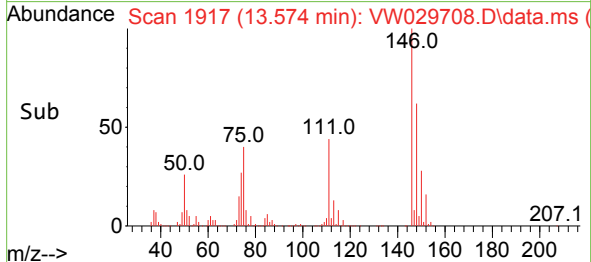
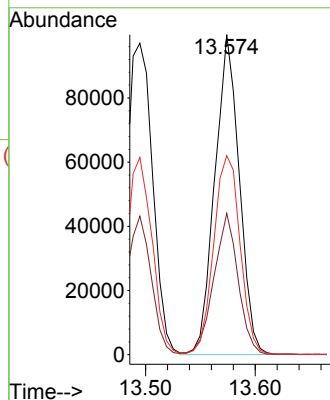
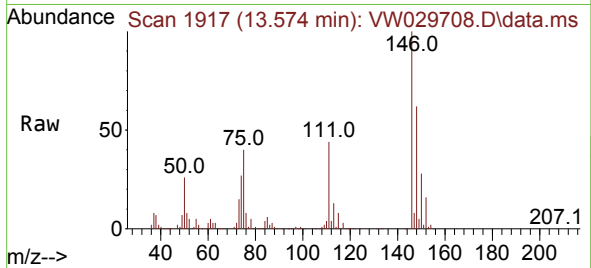




#65
1,4-Dichlorobenzene
Concen: 17.668 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

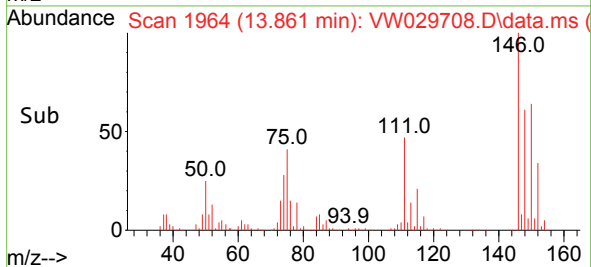
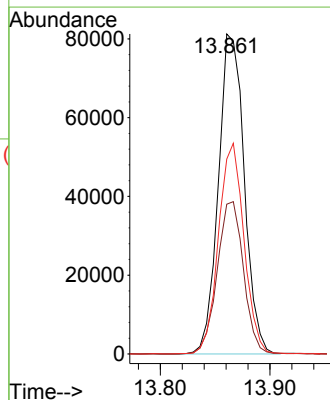
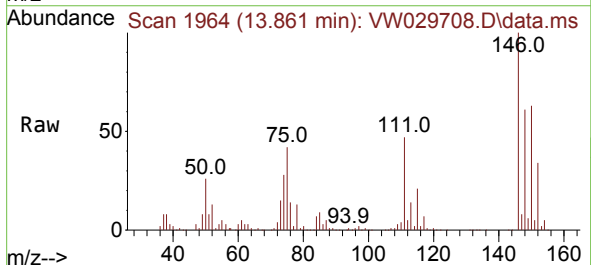
Instrument :
MSVOA_W
ClientSampleId :

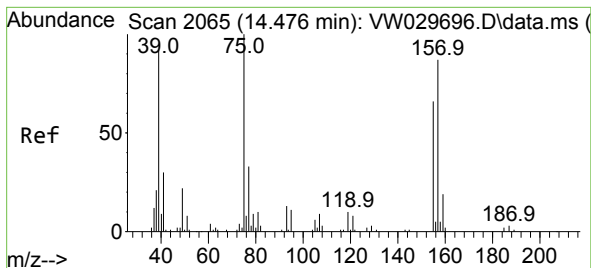
Tgt Ion:146 Resp: 154598
Ion Ratio Lower Upper
146 100
111 44.2 27.6 51.4
148 62.2 40.9 75.9



#67
1,2-Dichlorobenzene
Concen: 17.255 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

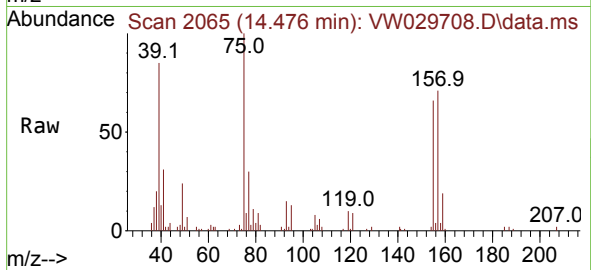
Tgt Ion:146 Resp: 133223
Ion Ratio Lower Upper
146 100
111 46.8 37.1 55.7
148 60.9 50.7 76.1



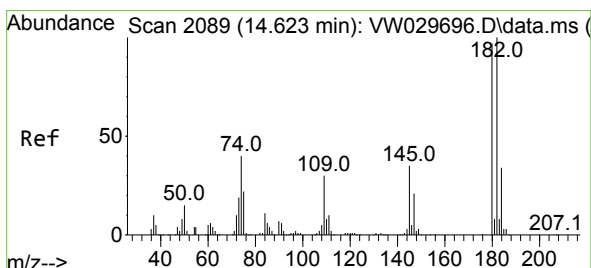
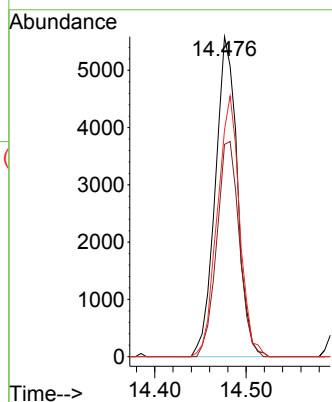
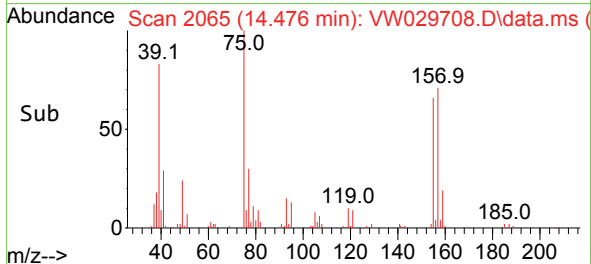


#68
1,2-Dibromo-3-chloropropane
Concen: 11.962 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

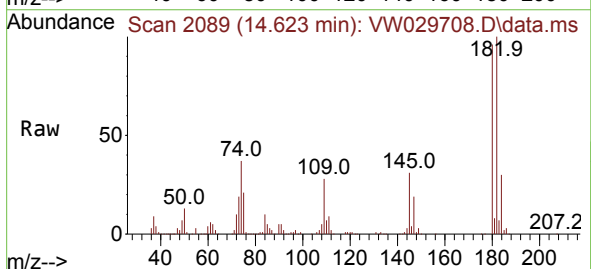
Instrument :
MSVOA_W
ClientSampleId :



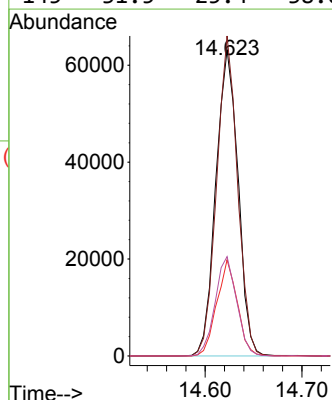
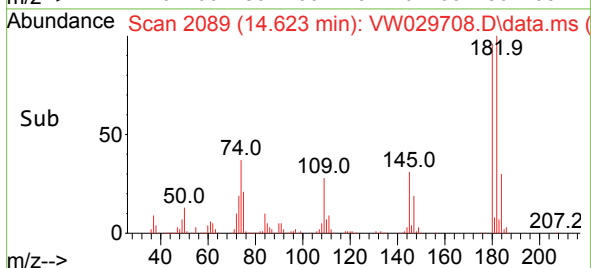
Tgt Ion: 75 Resp: 9373
Ion Ratio Lower Upper
75 100
155 66.4 51.2 76.8
157 70.9 63.7 95.5

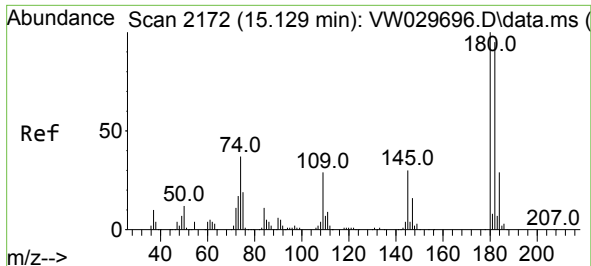


#69
1,3,5-Trichlorobenzene
Concen: 18.042 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18



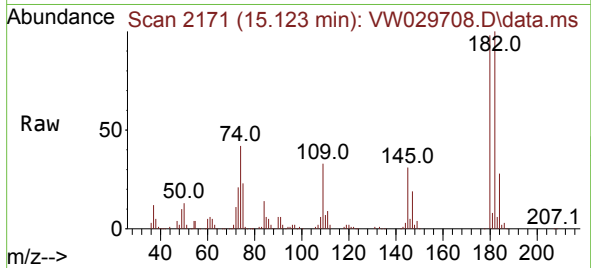
Tgt Ion:180 Resp: 100528
Ion Ratio Lower Upper
180 100
182 98.3 77.9 116.9
184 29.0 24.4 36.6
145 31.5 25.4 38.0



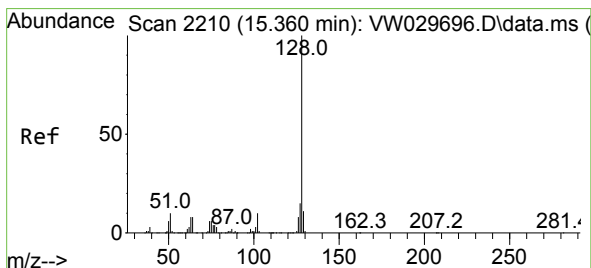
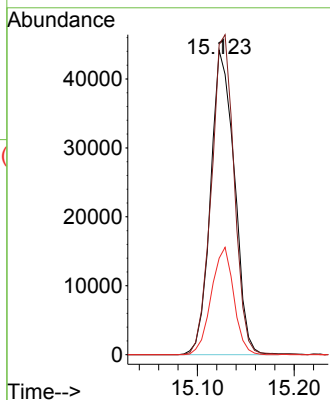
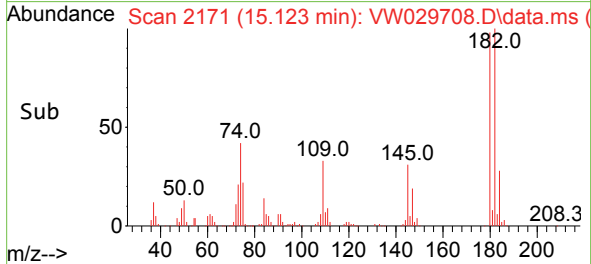


#70
1,2,4-trichlorobenzene
Concen: 15.372 ug/L
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

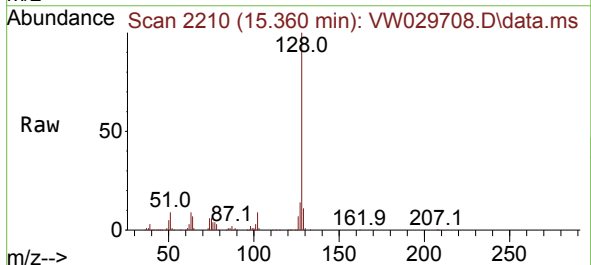
Instrument :
MSVOA_W
ClientSampleId :



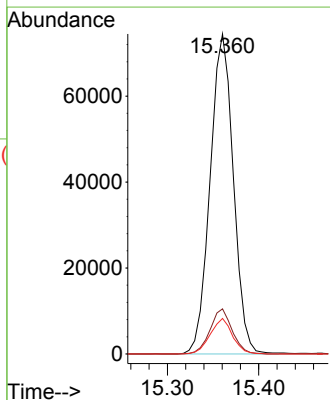
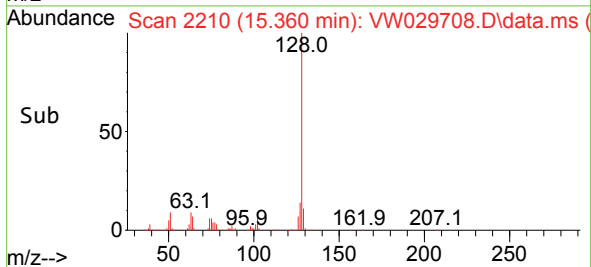
Tgt Ion:180 Resp: 75366
Ion Ratio Lower Upper
180 100
182 100.6 74.7 112.1
145 33.3 26.2 39.2

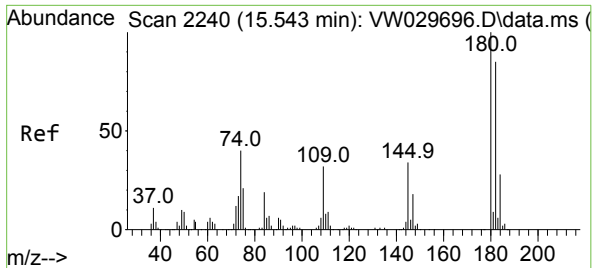


#71
Naphthalene
Concen: 12.801 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18



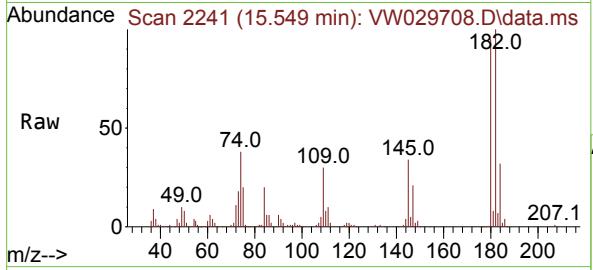
Tgt Ion:128 Resp: 131727
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.6 9.0 13.4





#72
1,2,3-Trichlorobenzene
Concen: 14.510 ug/L
RT: 15.549 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW029708.D
Acq: 23 Jul 2024 16:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	180	Resp:	64634
Ion	Ratio	Lower	Upper
180	100		
182	97.1	73.4	110.0
145	35.3	26.9	40.3

