

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071824\
 Data File : VW029645.D
 Acq On : 18 Jul 2024 20:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 19 01:21:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 19 01:07:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	222418	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	206089	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	103274	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	65273	18.167	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.680%
7) Chloroethane-d5	2.899	69	55767	21.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
11) 1,1-Dichloroethene-d2	4.021	65	34156	21.170	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.680%
21) 2-Butanone-d5	7.075	46	48120	44.614	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.220%
24) Chloroform-d	7.648	84	162338	25.247	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	8.307	65	93435	24.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.080%
32) Benzene-d6	8.270	84	299188	24.234	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.920%
36) 1,2-Dichloropropane-d6	9.270	67	96976	24.567	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.280%
41) Toluene-d8	10.319	98	267104	24.601	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	10.575	79	36992	22.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.520%
47) 2-Hexanone-d5	10.922	63	33676	46.949	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77651	24.228	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	86831	24.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	37840	17.374	ug/L	92
3) Chloromethane	2.223	50	58674	20.135	ug/L	91
5) Vinyl chloride	2.369	62	73547	22.116	ug/L	99
6) Bromomethane	2.783	94	47521	24.134	ug/L	99
8) Chloroethane	2.936	64	51518	25.177	ug/L	100
9) Trichlorofluoromethane	3.271	101	67556	22.568	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	68703	23.321	ug/L	98
12) 1,1-Dichloroethene	4.045	96	67293	24.329	ug/L	89
13) Acetone	4.125	43	41140	37.791	ug/L	100
14) Carbon disulfide	4.387	76	188501	20.985	ug/L	98
16) Methylene chloride	4.911	84	109973	27.618	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	75168	24.549	ug/L	85
18) Methyl tert-butyl Ether	5.423	73	142290	27.312	ug/L	100
19) 1,1-Dichloroethane	6.216	63	173760	27.633	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	90083	26.904	ug/L	92
22) 2-Butanone	7.167	43	59601	41.704	ug/L	98
23) Bromochloromethane	7.508	128	39130	25.982	ug/L	98
25) Chloroform	7.673	83	167583	27.543	ug/L	100
27) 1,2-Dichloroethane	8.398	62	125960	27.602	ug/L	97

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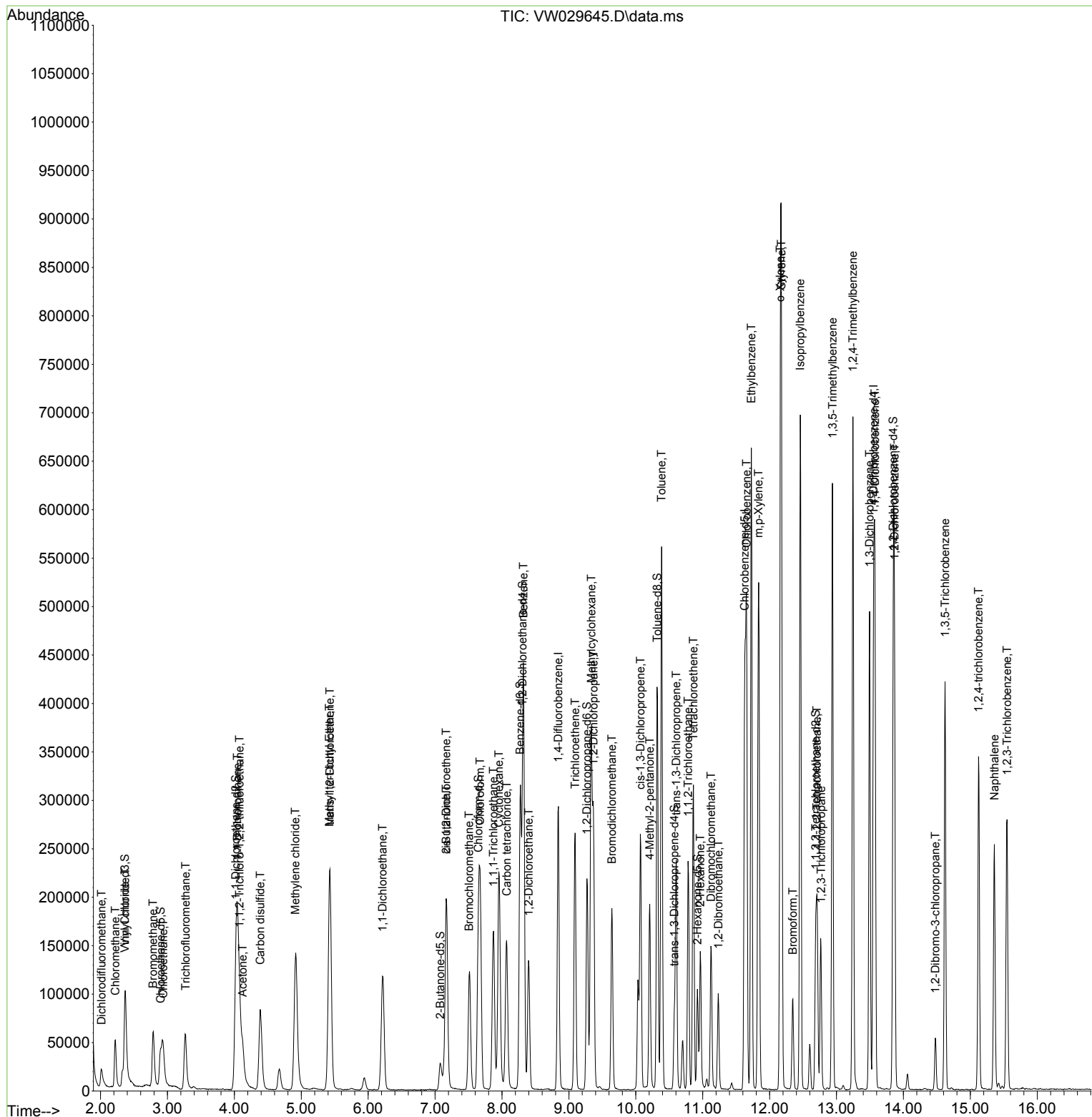
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	126923	24.733	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	127506	27.093	ug/L	97
31) Carbon tetrachloride	8.069	117	114469	26.559	ug/L	98
33) Benzene	8.319	78	355371	27.560	ug/L	100
34) Trichloroethene	9.093	95	91928	26.997	ug/L	98
35) Methylcyclohexane	9.337	83	142344	26.008	ug/L	98
37) 1,2-Dichloropropane	9.368	63	101478	28.460	ug/L	100
38) Bromodichloromethane	9.642	83	122331	28.088	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	146671	27.387	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	134090	53.359	ug/L	98
42) Toluene	10.386	91	378715	28.709	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	121598	26.491	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	69129	26.958	ug/L	97
46) Tetrachloroethene	10.861	164	64999	26.869	ug/L	90
48) 2-Hexanone	10.965	43	92216	48.846	ug/L	99
49) Dibromochloromethane	11.123	129	73270	27.455	ug/L	93
50) 1,2-Dibromoethane	11.233	107	63513	25.990	ug/L	94
51) Chlorobenzene	11.654	112	237580	27.861	ug/L	98
52) Ethylbenzene	11.727	91	435600	29.146	ug/L	97
53) m,p-Xylene	11.837	106	157052	28.625	ug/L	95
54) o-Xylene	12.160	106	149218	29.405	ug/L	98
55) Styrene	12.178	104	266392	29.855	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	85903	26.557	ug/L #	99
59) Bromoform	12.349	173	39728	24.921	ug/L	95
60) Isopropylbenzene	12.458	105	417738	28.748	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	63034	25.220	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	310500	30.040	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	338996	29.716	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	179306	27.529	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	170818	25.600	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	160861	27.322	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13619	22.793	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	113558	26.726	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	96781	25.886	ug/L	97
71) Naphthalene	15.360	128	195091	24.861	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	83451	24.567	ug/L	93

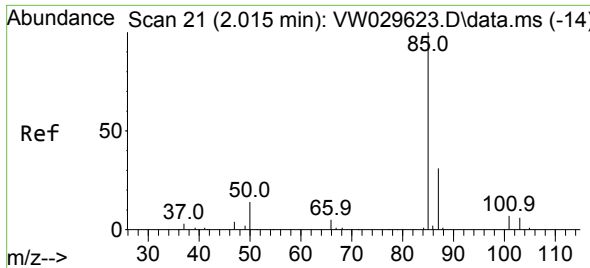
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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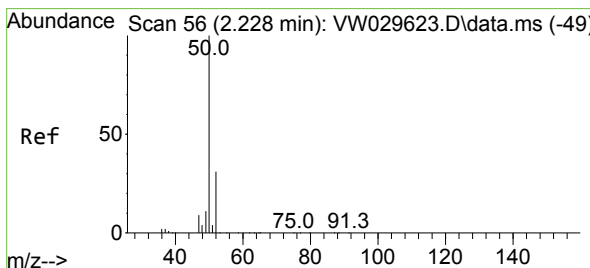
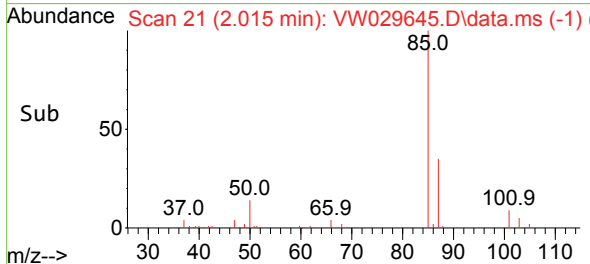
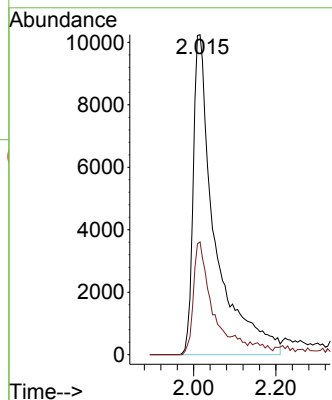
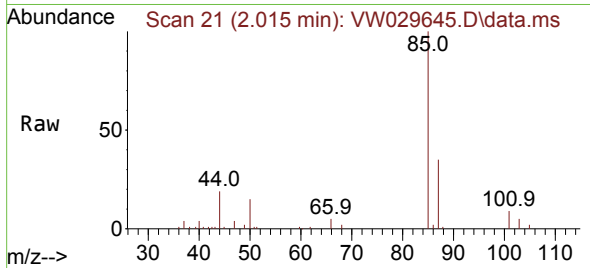




#2
 Dichlorodifluoromethane
 Concen: 17.374 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029645.D
 Acq: 18 Jul 2024 20:15

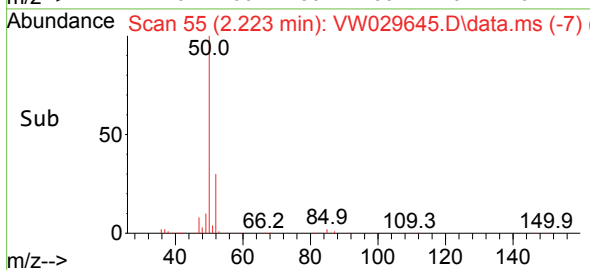
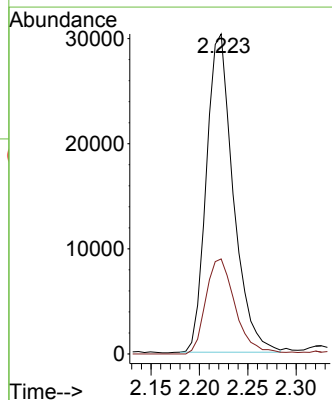
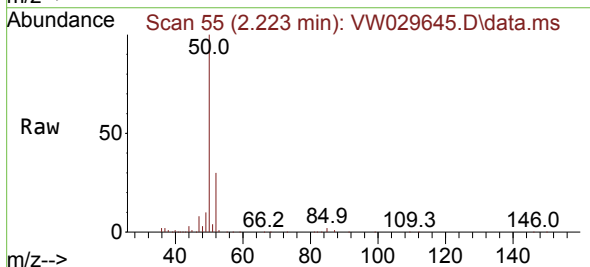
Instrument :
 MSVOA_W
 ClientSampleId :

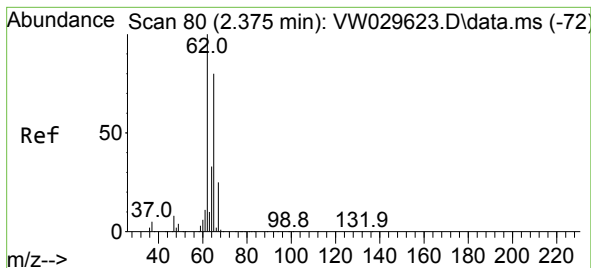
Tgt Ion: 85 Resp: 37840
 Ion Ratio Lower Upper
 85 100
 87 28.2 26.1 39.1



#3
 Chloromethane
 Concen: 20.135 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW029645.D
 Acq: 18 Jul 2024 20:15

Tgt Ion: 50 Resp: 58674
 Ion Ratio Lower Upper
 50 100
 52 29.7 24.4 45.2





#5

Vinyl chloride

Concen: 22.116 ug/L

RT: 2.369 min Scan# 79

Delta R.T. -0.006 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

Instrument :

MSVOA_W

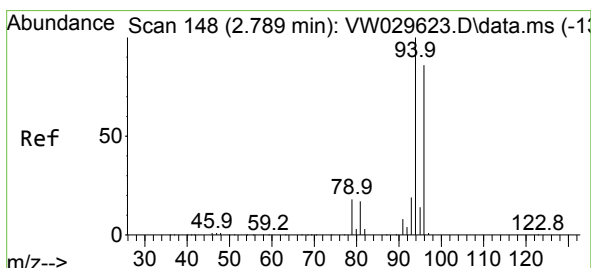
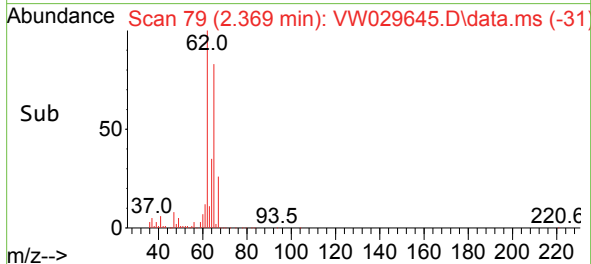
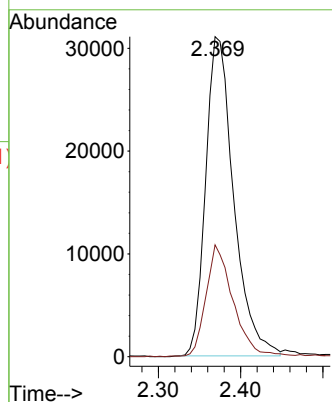
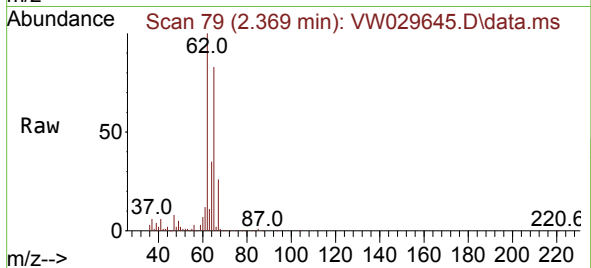
ClientSampleId :

Tgt Ion: 62 Resp: 73547

Ion Ratio Lower Upper

62 100

64 34.9 25.1 46.5



#6

Bromomethane

Concen: 24.134 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW029645.D

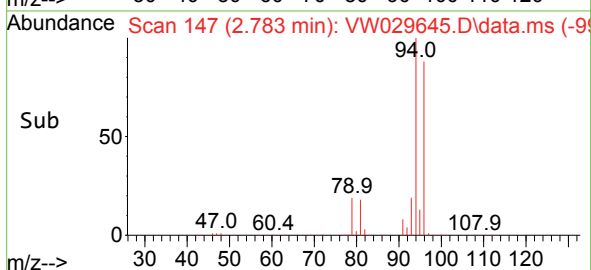
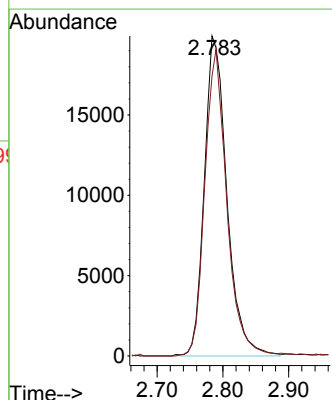
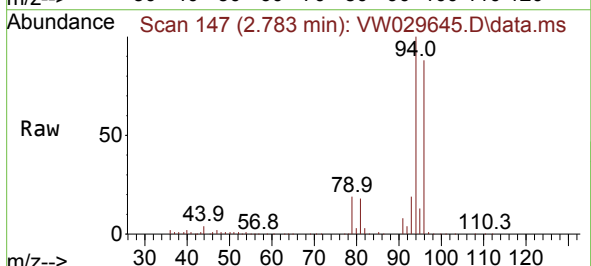
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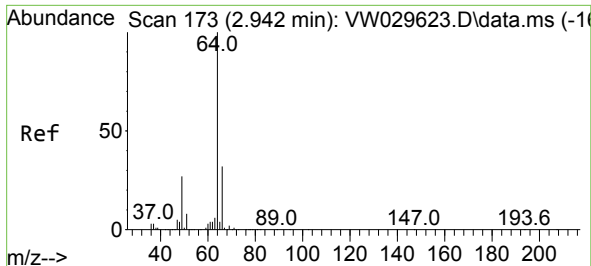
Tgt Ion: 94 Resp: 47521

Ion Ratio Lower Upper

94 100

96 87.6 61.7 114.7

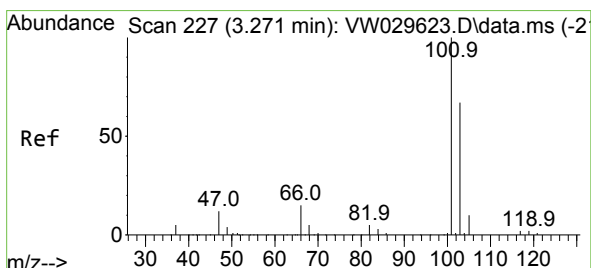
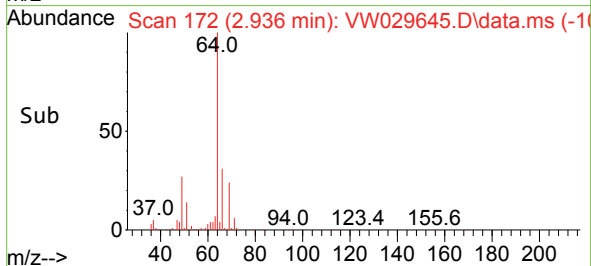
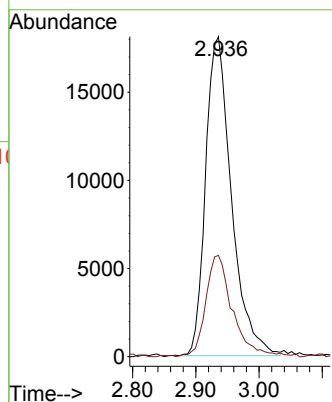
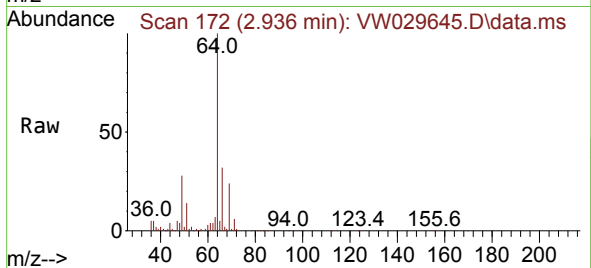




#8
Chloroethane
Concen: 25.177 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

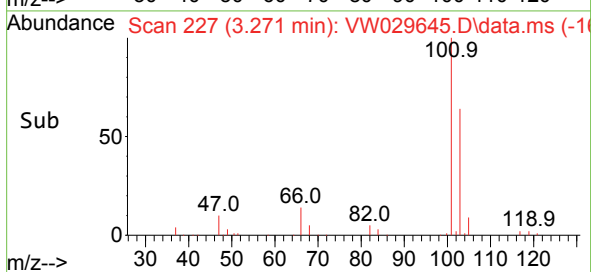
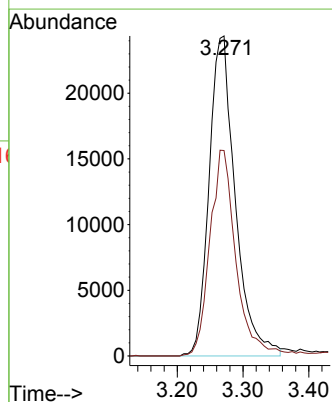
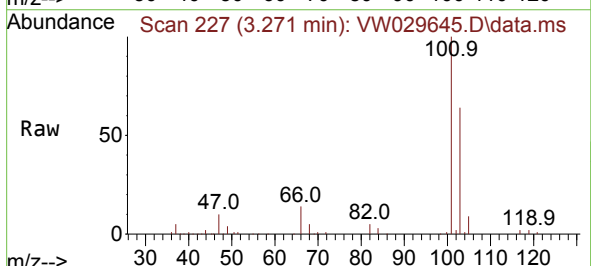
Instrument :
MSVOA_W
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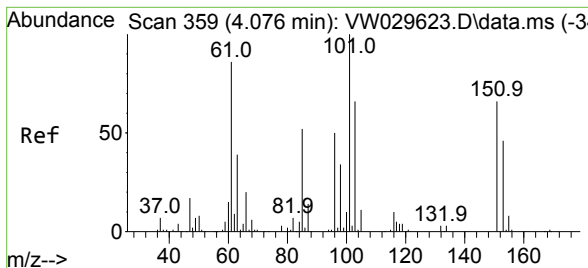
Tgt Ion: 64 Resp: 51518
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 22.568 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

Tgt Ion:101 Resp: 67556
Ion Ratio Lower Upper
101 100
103 62.6 49.6 74.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.321 ug/L

RT: 4.076 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

Instrument :

MSVOA_W

ClientSampleId :

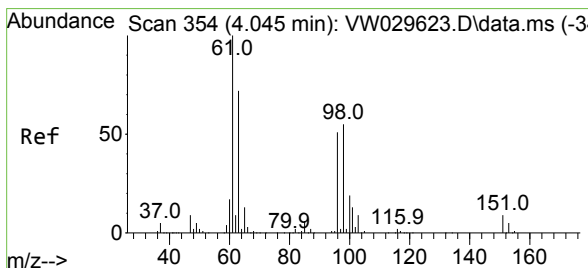
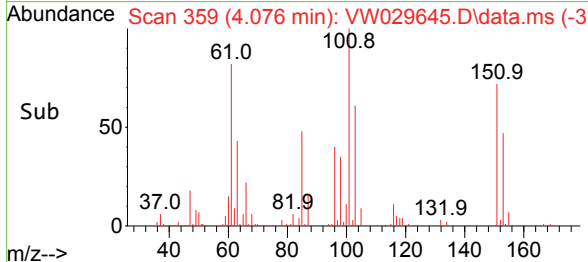
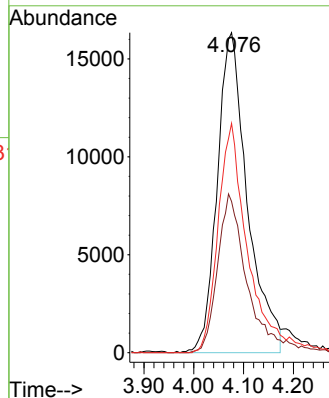
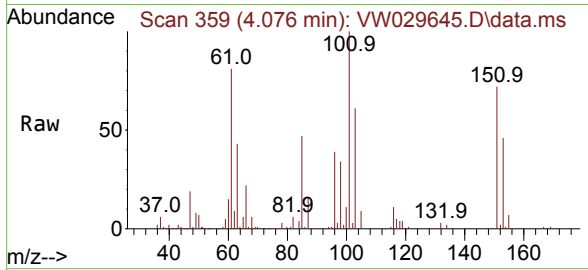
Tgt Ion:101 Resp: 68703

Ion Ratio Lower Upper

101 100

85 45.2 33.8 50.8

151 68.3 55.4 83.0



#12

1,1-Dichloroethene

Concen: 24.329 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

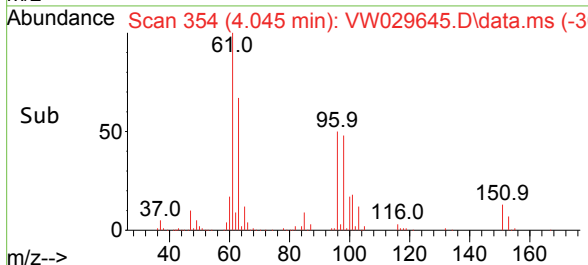
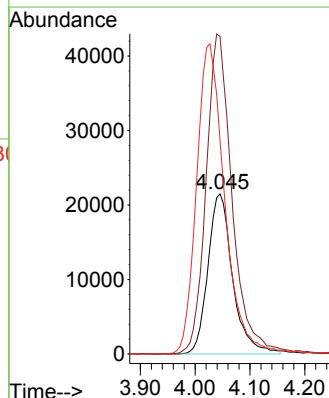
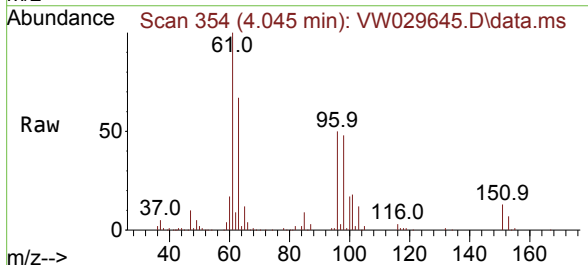
Tgt Ion: 96 Resp: 67293

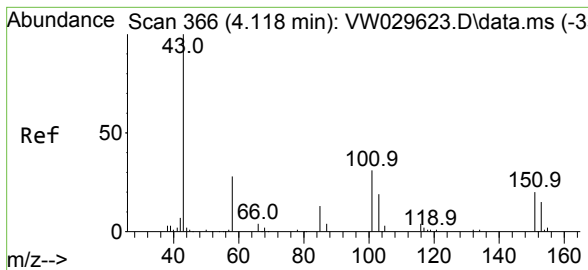
Ion Ratio Lower Upper

96 100

61 198.1 132.4 245.8

63 133.2 108.4 201.2





#13

Acetone

Concen: 37.791 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

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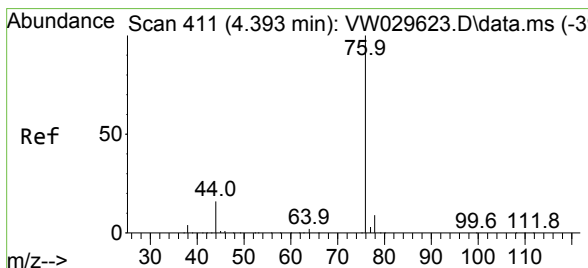
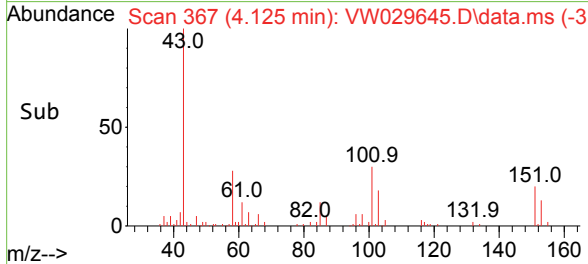
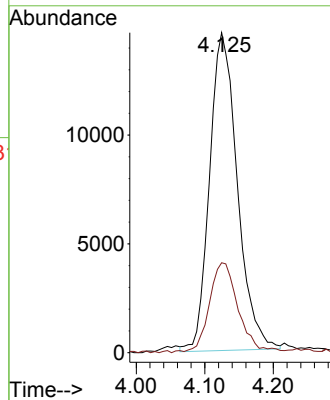
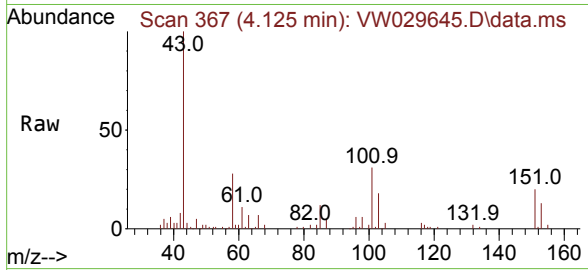
ClientSampleId :

Tgt Ion: 43 Resp: 41140

Ion Ratio Lower Upper

43 100

58 27.6 0.0 55.6



#14

Carbon disulfide

Concen: 20.985 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

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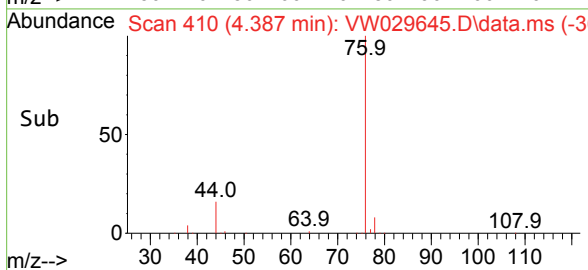
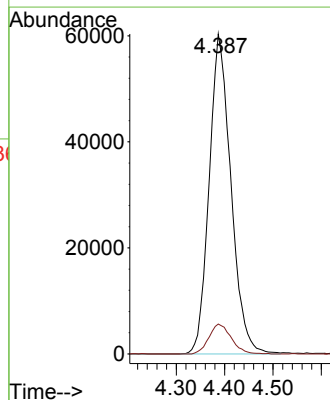
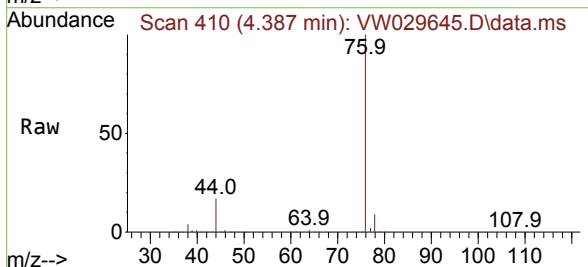
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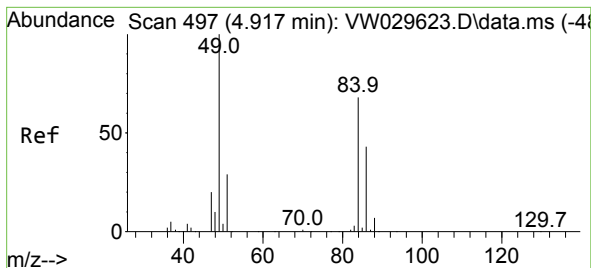
Tgt Ion: 76 Resp: 188501

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4





#16

Methylene chloride

Concen: 27.618 ug/L

RT: 4.911 min Scan# 497

Delta R.T. -0.006 min

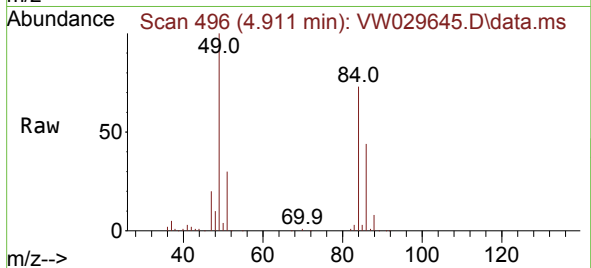
Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

Instrument :

MSVOA_W

ClientSampleId :



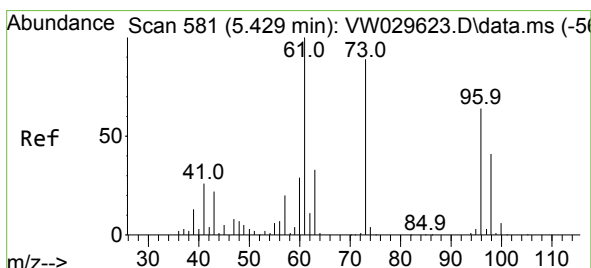
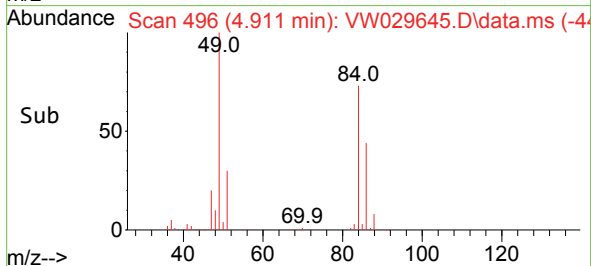
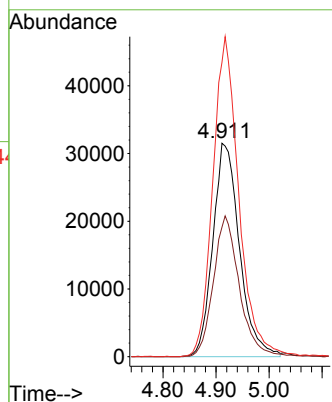
Tgt Ion: 84 Resp: 109973

Ion Ratio Lower Upper

84 100

86 60.6 46.2 85.8

49 137.8 96.7 179.7



#17

trans-1,2-Dichloroethene

Concen: 24.549 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

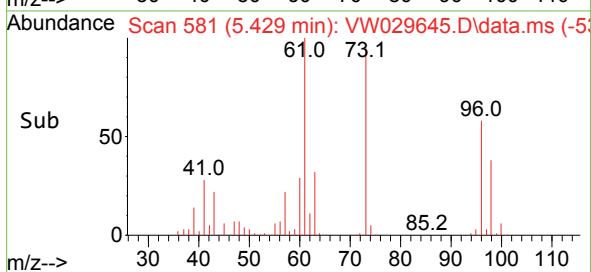
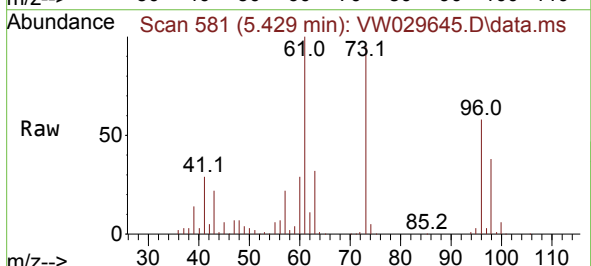
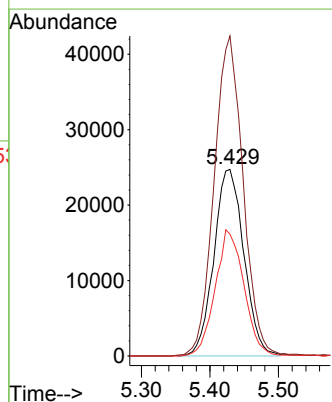
Tgt Ion: 96 Resp: 75168

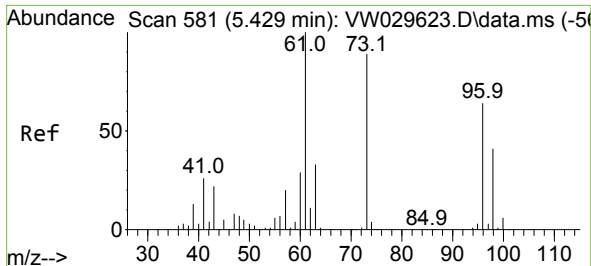
Ion Ratio Lower Upper

96 100

61 171.5 102.9 191.1

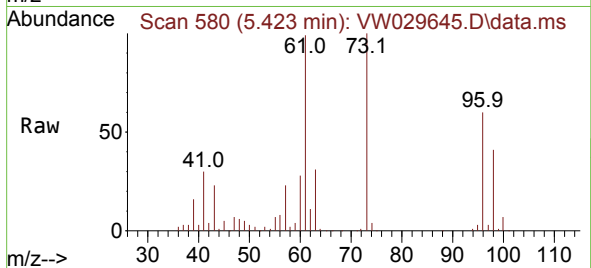
98 65.2 43.9 81.5



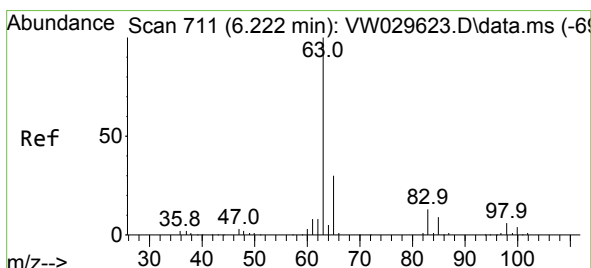
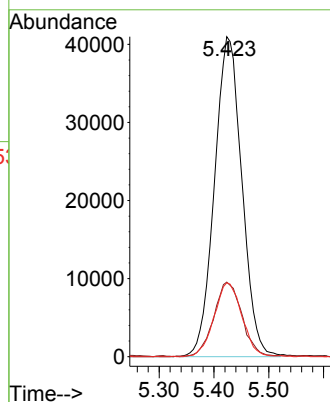
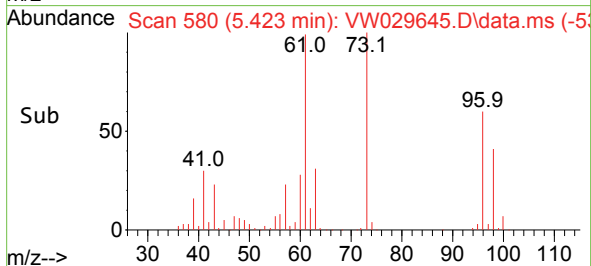


#18
Methyl tert-butyl Ether
Concen: 27.312 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

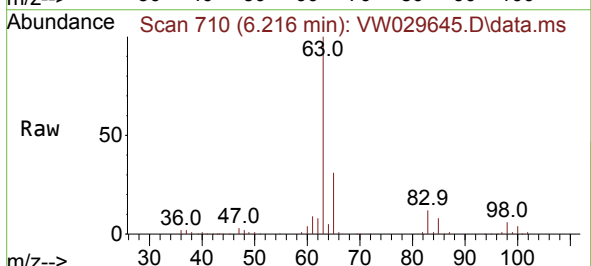
Instrument :
MSVOA_W
ClientSampleId :



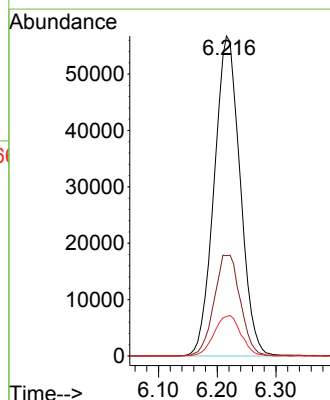
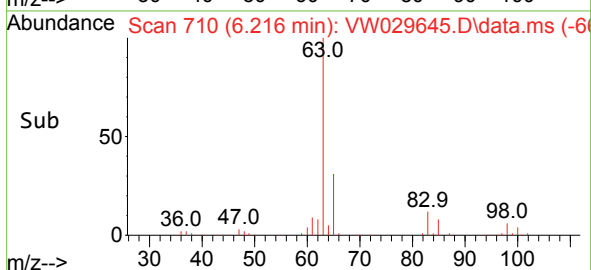
Tgt Ion: 73 Resp: 142290
Ion Ratio Lower Upper
73 100
43 23.4 18.7 28.1
57 23.4 18.9 28.3

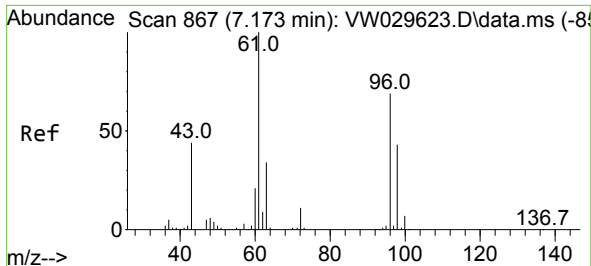


#19
1,1-Dichloroethane
Concen: 27.633 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15



Tgt Ion: 63 Resp: 173760
Ion Ratio Lower Upper
63 100
65 31.4 21.5 39.9
83 12.3 8.7 16.1

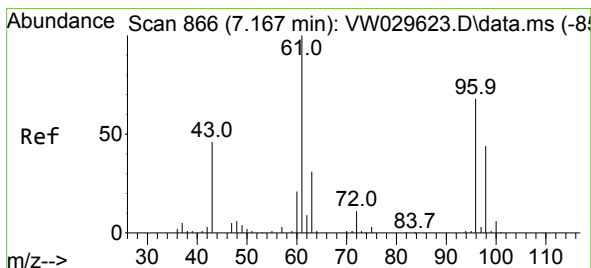
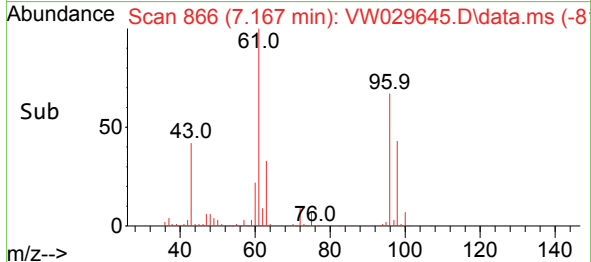
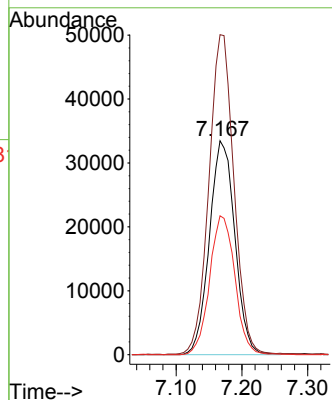
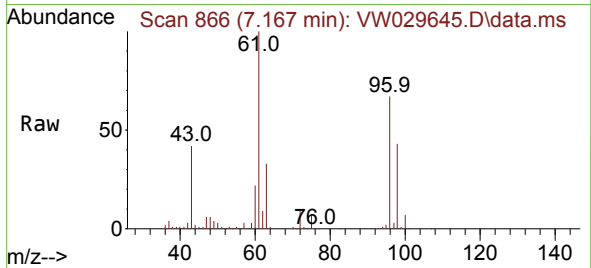




#20
 cis-1,2-Dichloroethene
 Concen: 26.904 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW029645.D
 Acq: 18 Jul 2024 20:15

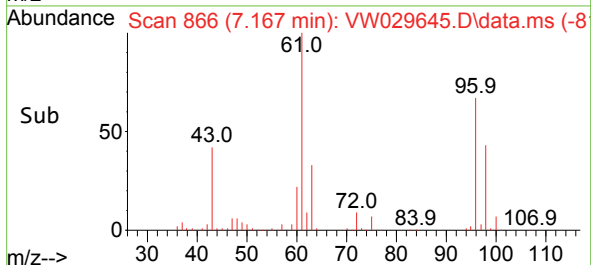
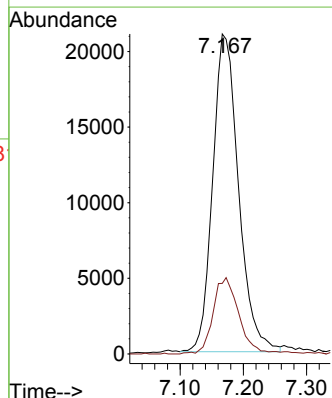
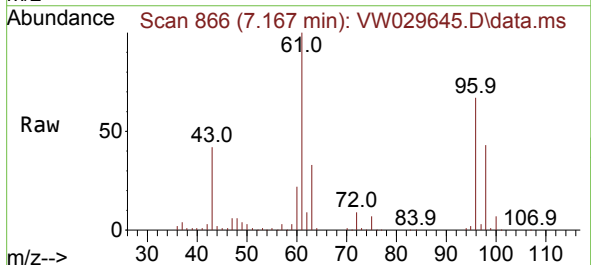
Instrument :
 MSVOA_W
 ClientSampleId :

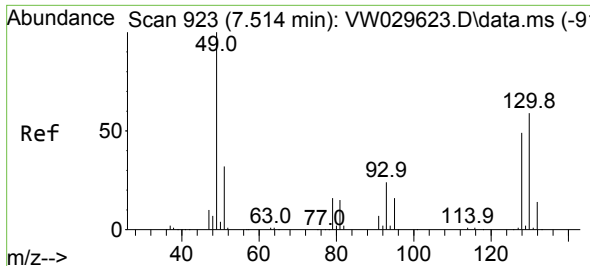
Tgt Ion: 96 Resp: 90083
 Ion Ratio Lower Upper
 96 100
 61 149.6 97.4 180.8
 98 64.9 41.6 77.2



#22
 2-Butanone
 Concen: 41.704 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW029645.D
 Acq: 18 Jul 2024 20:15

Tgt Ion: 43 Resp: 59601
 Ion Ratio Lower Upper
 43 100
 72 23.4 12.0 36.1

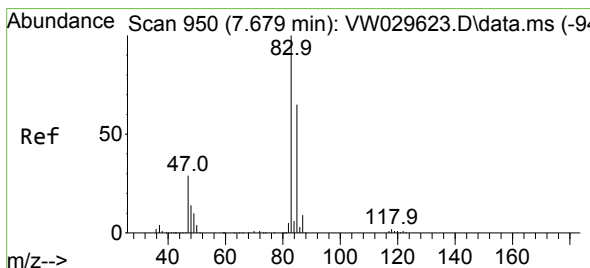
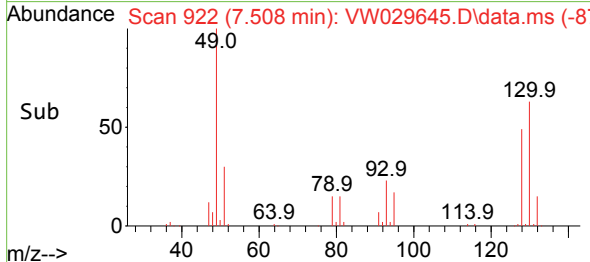
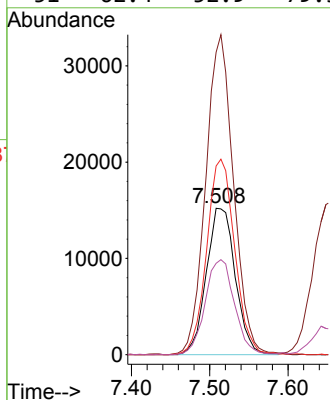
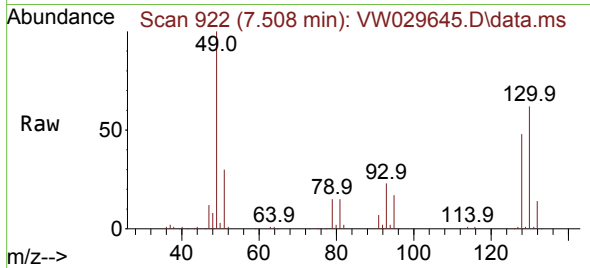




#23
Bromochloromethane
Concen: 25.982 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

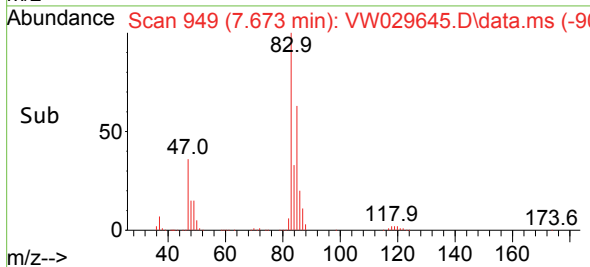
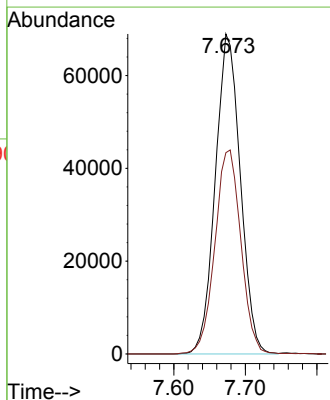
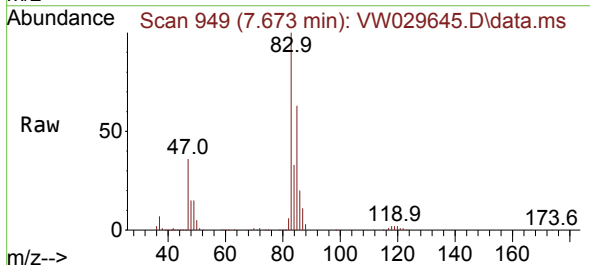
Instrument :
MSVOA_W
ClientSampleId :

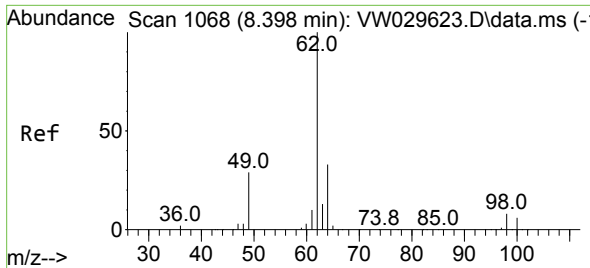
Tgt Ion:128 Resp: 39130
Ion Ratio Lower Upper
128 100
49 206.5 146.2 271.4
130 128.8 91.9 170.7
51 62.4 52.9 79.3



#25
Chloroform
Concen: 27.543 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

Tgt Ion: 83 Resp: 167583
Ion Ratio Lower Upper
83 100
85 62.9 44.1 81.9

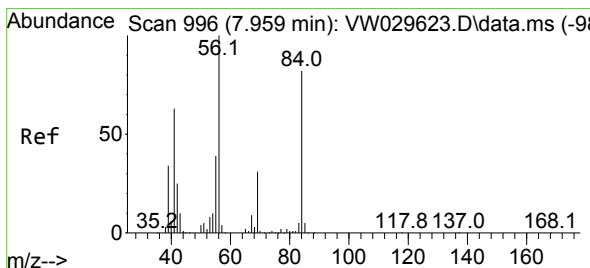
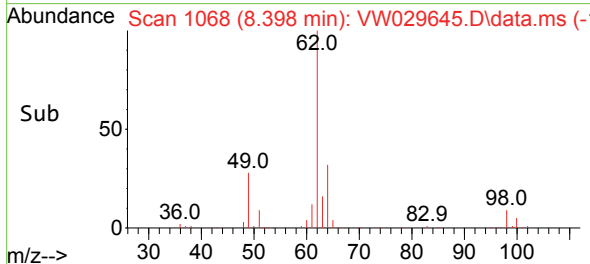
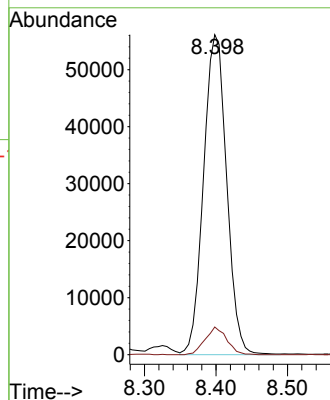
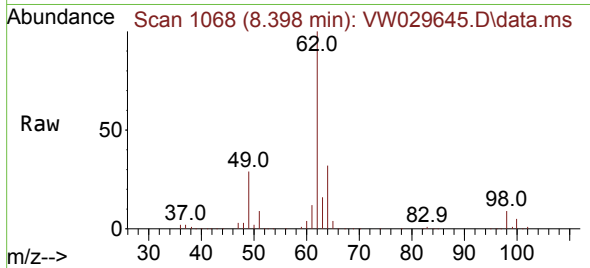




#27
1,2-Dichloroethane
Concen: 27.602 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

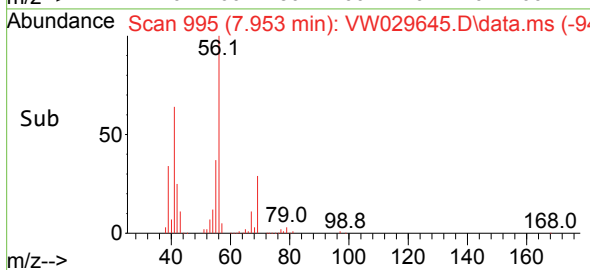
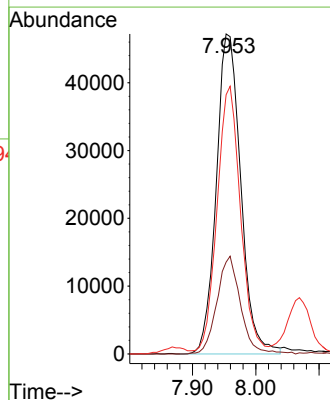
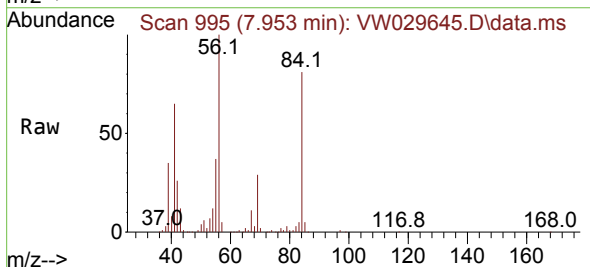
Instrument :
MSVOA_W
ClientSampleId :

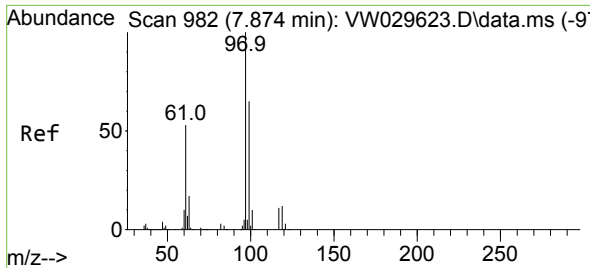
Tgt Ion: 62 Resp: 125960
Ion Ratio Lower Upper
62 100
98 8.7 6.0 9.0



#29
Cyclohexane
Concen: 24.733 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

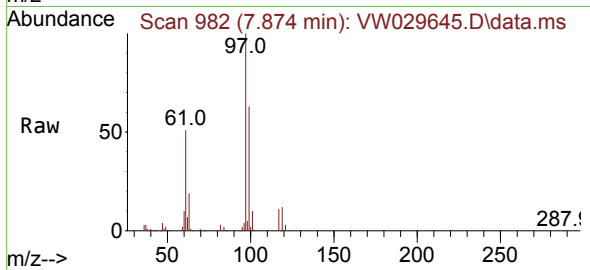
Tgt Ion: 56 Resp: 126923
Ion Ratio Lower Upper
56 100
69 29.0 23.3 34.9
84 80.5 63.1 94.7



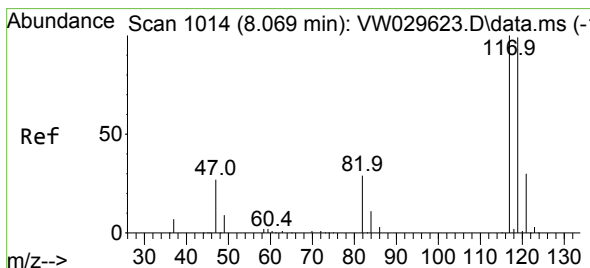
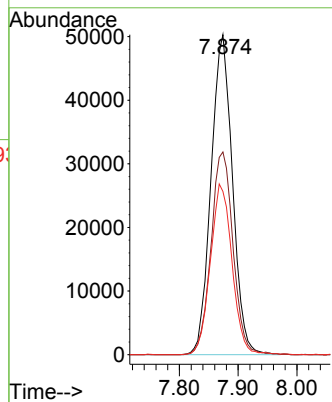
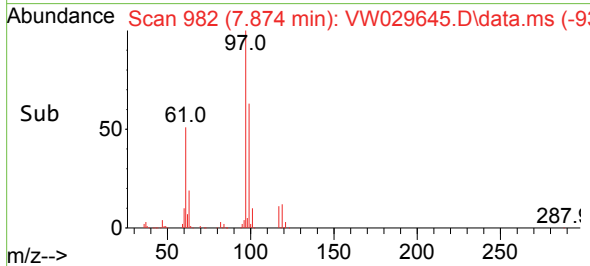


#30
1,1,1-Trichloroethane
Concen: 27.093 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

Instrument :
MSVOA_W
ClientSampleId :

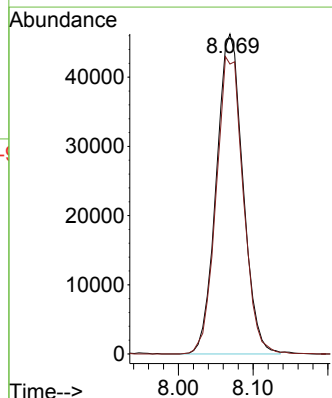
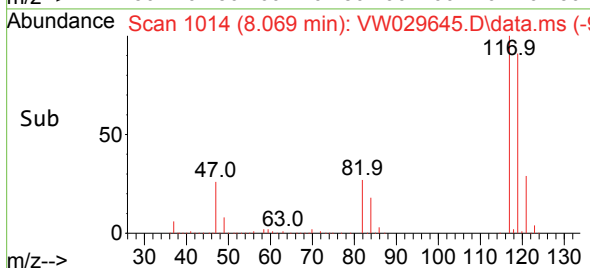
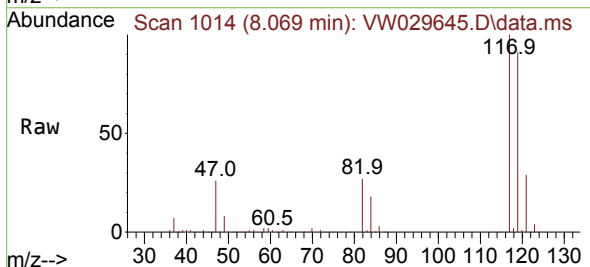


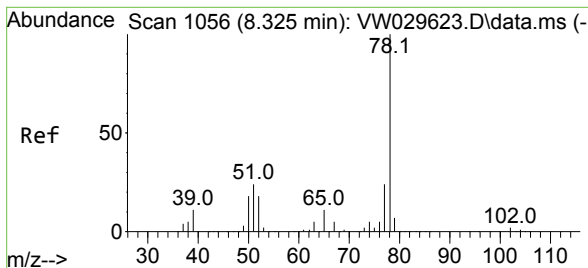
Tgt Ion: 97 Resp: 127506
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 53.7 40.6 61.0



#31
Carbon tetrachloride
Concen: 26.559 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

Tgt Ion: 117 Resp: 114469
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6





#33

Benzene

Concen: 27.560 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW029645.D

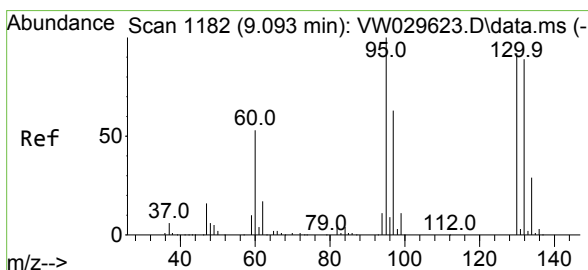
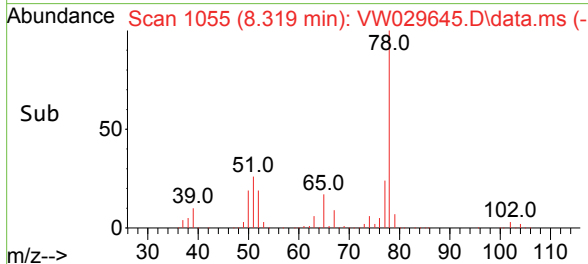
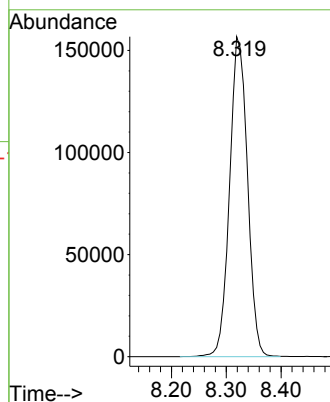
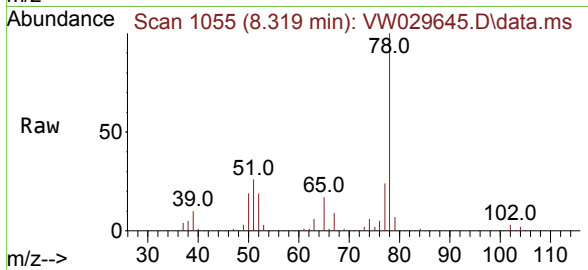
Acq: 18 Jul 2024 20:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 355371



#34

Trichloroethene

Concen: 26.997 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

Tgt Ion: 95 Resp: 91928

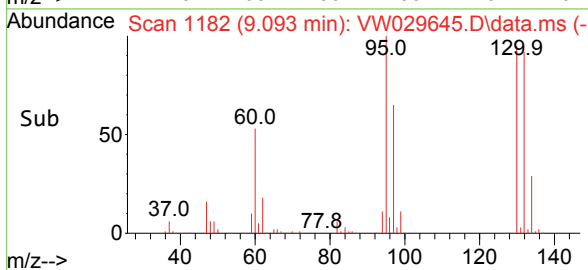
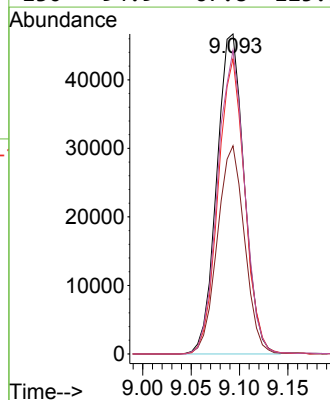
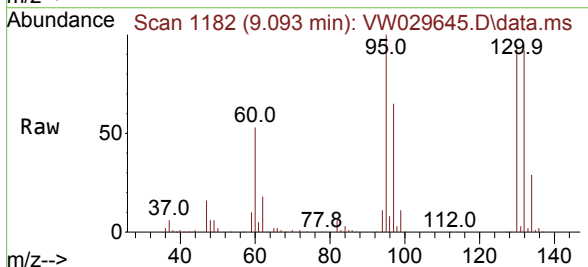
Ion Ratio Lower Upper

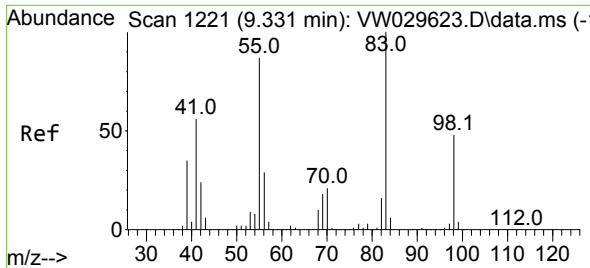
95 100

97 65.0 47.3 87.9

132 92.3 65.8 122.2

130 94.9 67.8 125.8

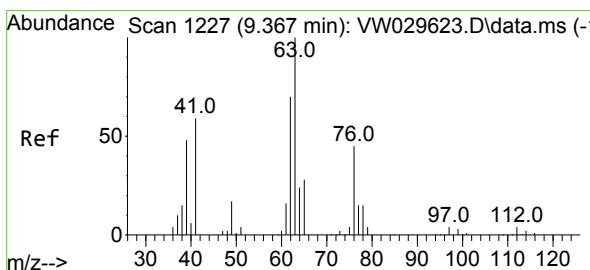
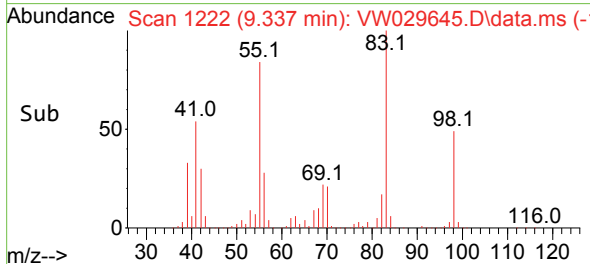
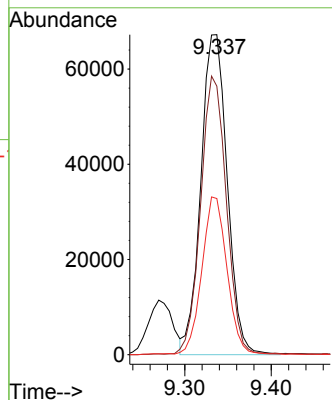
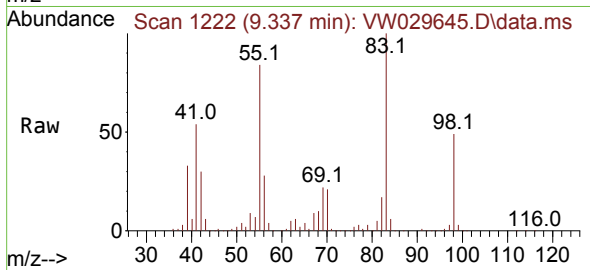




#35
Methylcyclohexane
Concen: 26.008 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

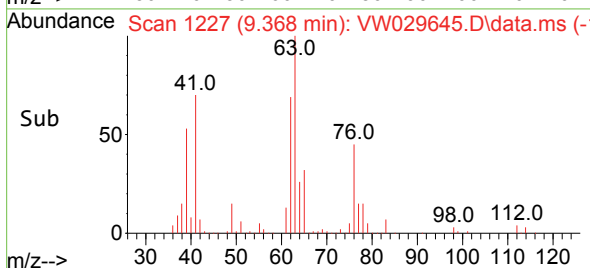
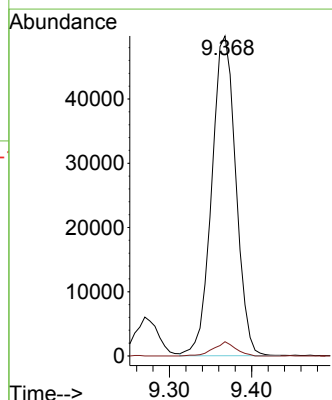
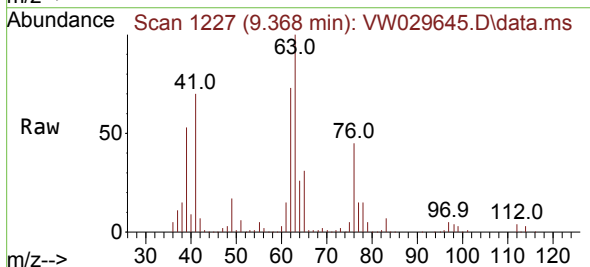
Instrument :
MSVOA_W
ClientSampleId :

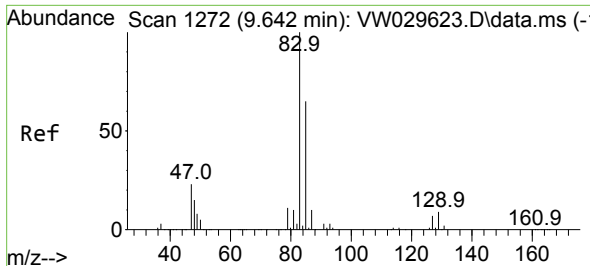
Tgt Ion: 83 Resp: 142344
Ion Ratio Lower Upper
83 100
55 84.7 69.6 104.4
98 46.8 38.3 57.5



#37
1,2-Dichloropropane
Concen: 28.460 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

Tgt Ion: 63 Resp: 101478
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9

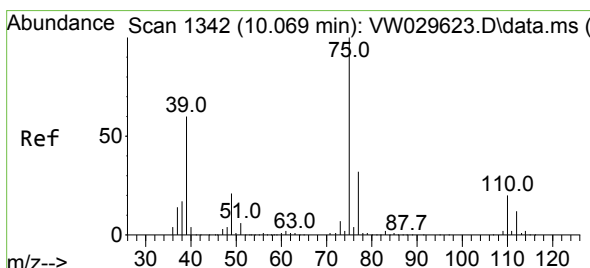
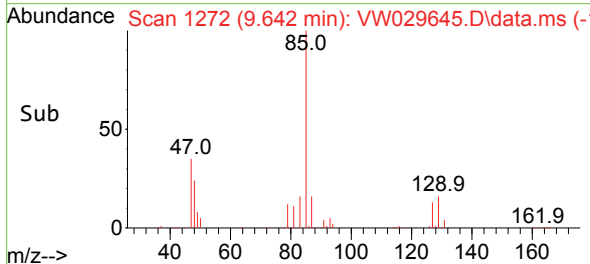
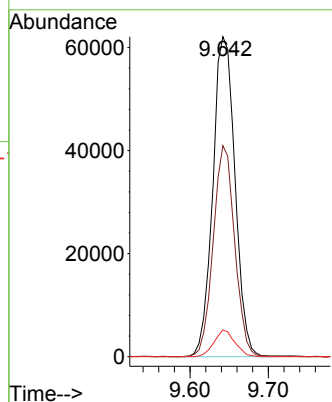
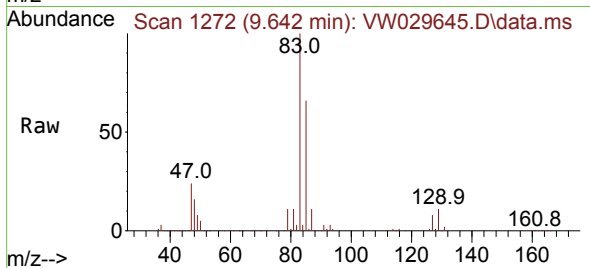




#38
Bromodichloromethane
Concen: 28.088 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

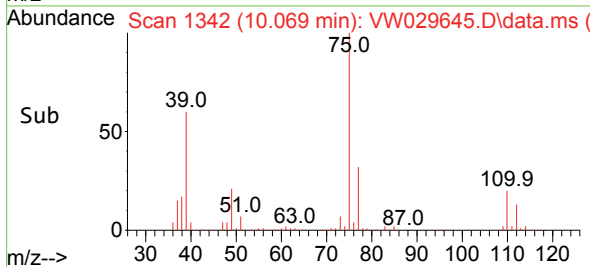
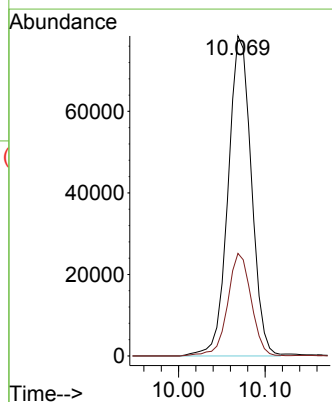
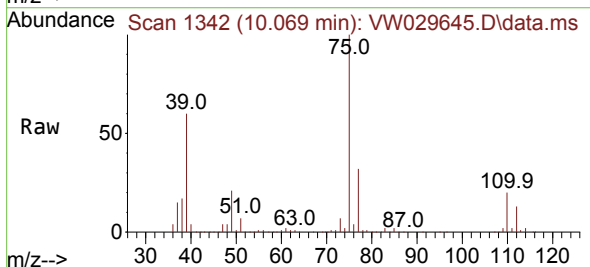
Instrument :
MSVOA_W
ClientSampleId :

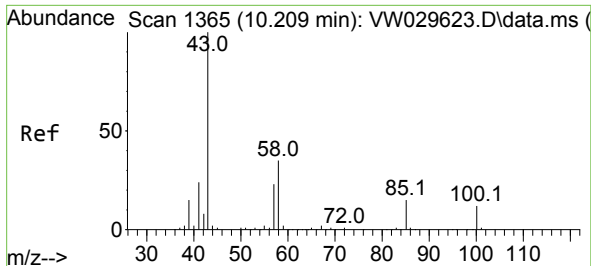
Tgt Ion: 83 Resp: 122331
Ion Ratio Lower Upper
83 100
85 65.9 46.1 85.5
127 8.3 6.1 9.1



#39
cis-1,3-Dichloropropene
Concen: 27.387 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

Tgt Ion: 75 Resp: 146671
Ion Ratio Lower Upper
75 100
77 32.0 22.2 41.2





#40

4-Methyl-2-pentanone

Concen: 53.359 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

Instrument :

MSVOA_W

ClientSampleId :

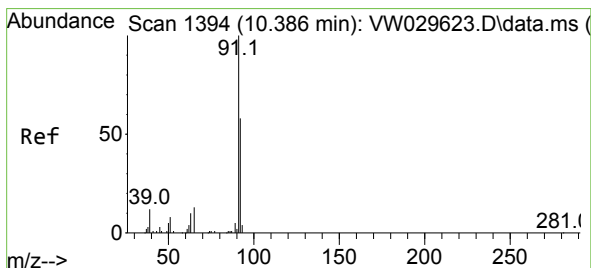
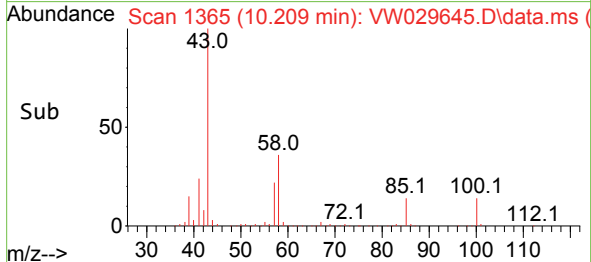
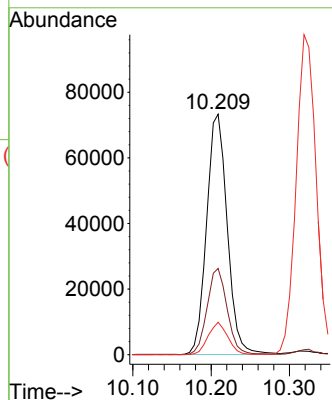
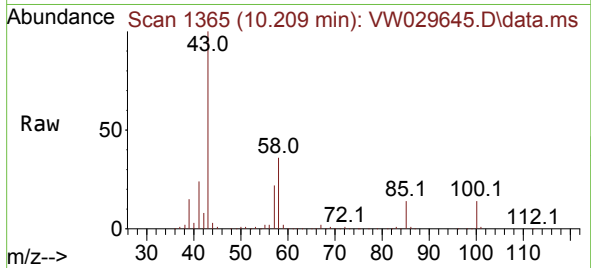
Tgt Ion: 43 Resp: 134090

Ion Ratio Lower Upper

43 100

58 35.1 29.0 43.6

100 12.9 10.5 15.7



#42

Toluene

Concen: 28.709 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029645.D

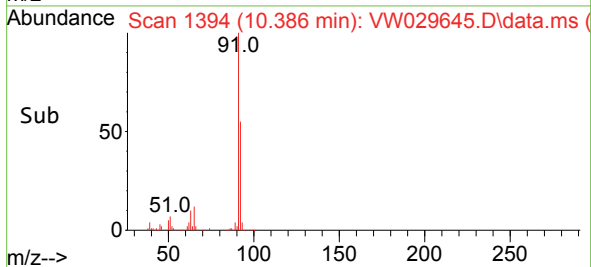
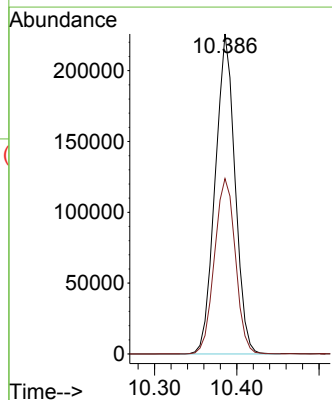
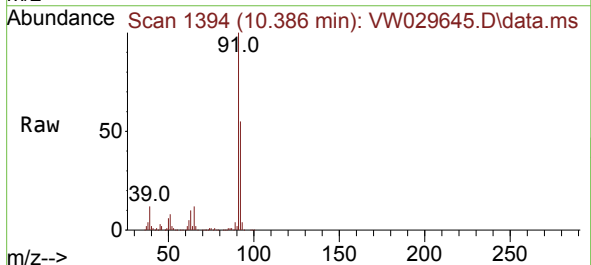
Acq: 18 Jul 2024 20:15

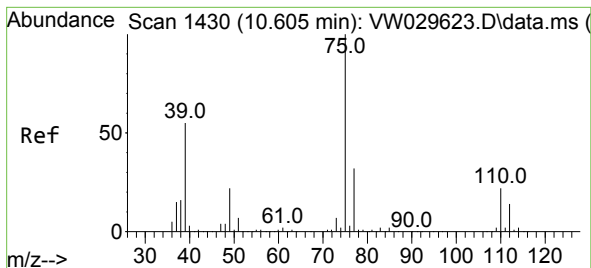
Tgt Ion: 91 Resp: 378715

Ion Ratio Lower Upper

91 100

92 54.8 41.1 76.3





#44

trans-1,3-Dichloropropene

Concen: 26.491 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

Instrument :

MSVOA_W

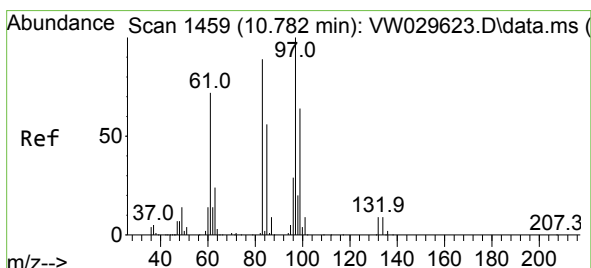
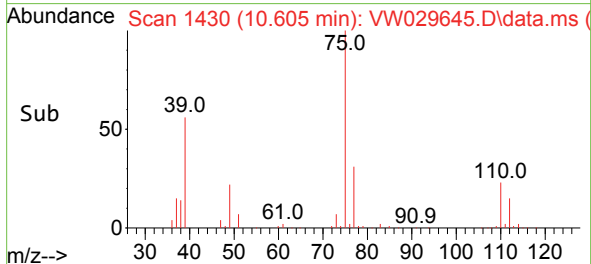
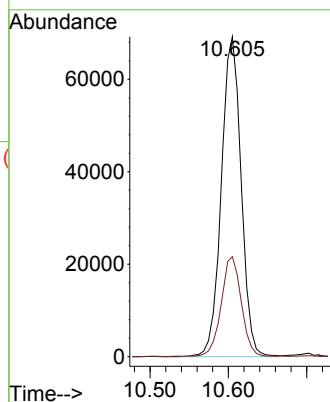
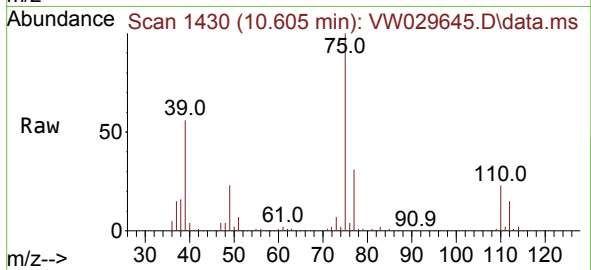
ClientSampleId :

Tgt Ion: 75 Resp: 121598

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#45

1,1,2-Trichloroethane

Concen: 26.958 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

Tgt Ion: 97 Resp: 69129

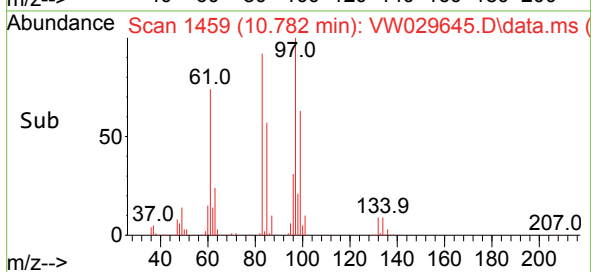
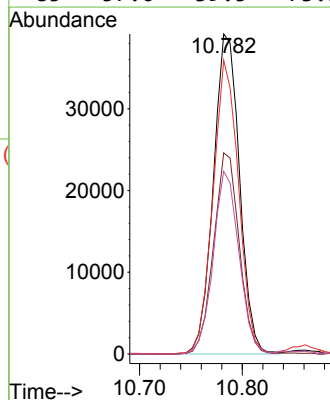
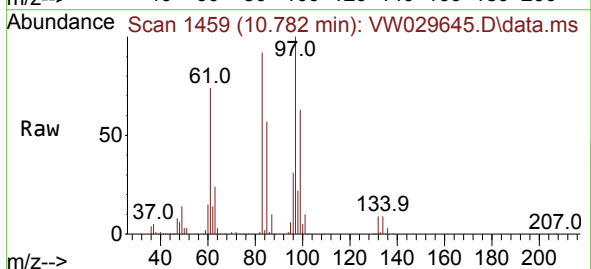
Ion Ratio Lower Upper

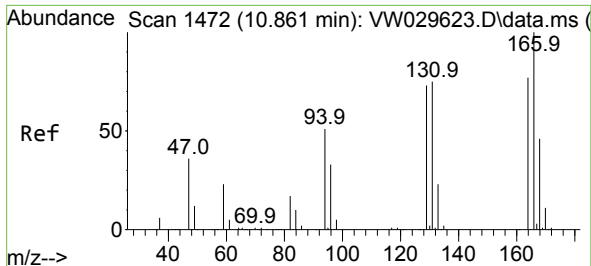
97 100

99 62.9 43.8 81.4

83 91.8 60.3 111.9

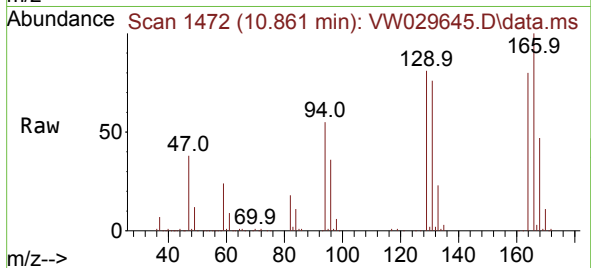
85 57.0 39.5 73.3



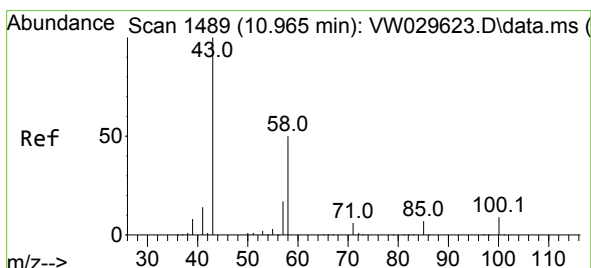
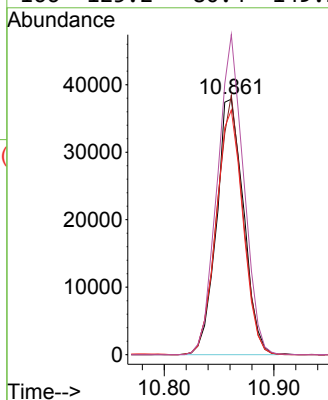
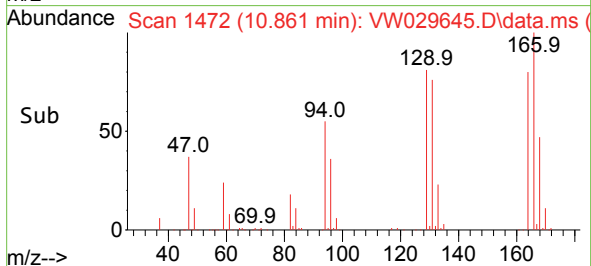


#46
Tetrachloroethene
Concen: 26.869 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

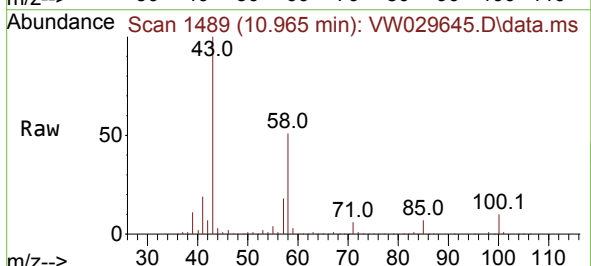
Instrument :
MSVOA_W
ClientSampleId :



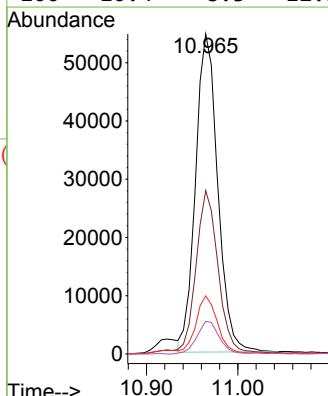
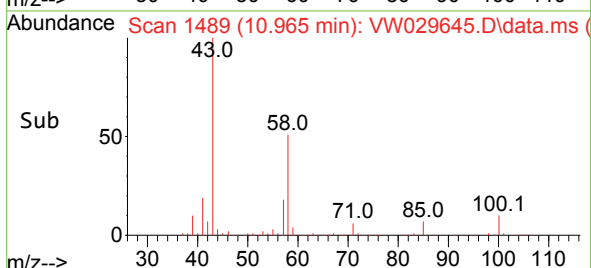
Tgt Ion:164 Resp: 64999
Ion Ratio Lower Upper
164 100
129 101.5 60.0 111.4
131 95.7 64.6 120.0
166 125.2 80.4 149.2

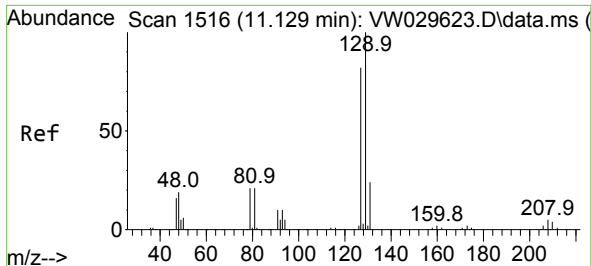


#48
2-Hexanone
Concen: 48.846 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15



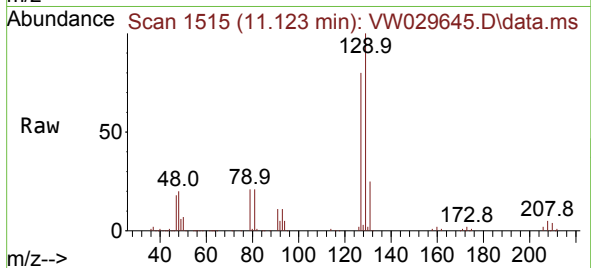
Tgt Ion: 43 Resp: 92216
Ion Ratio Lower Upper
43 100
58 50.7 39.8 59.8
57 17.1 14.6 21.8
100 10.4 8.3 12.5



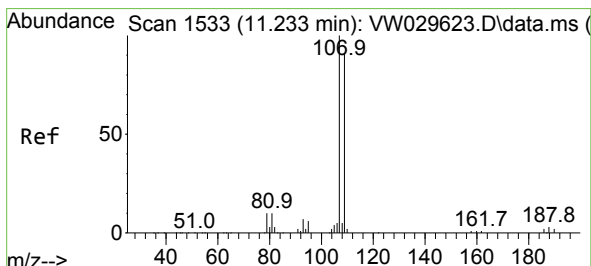
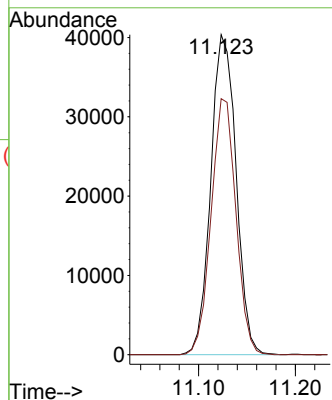
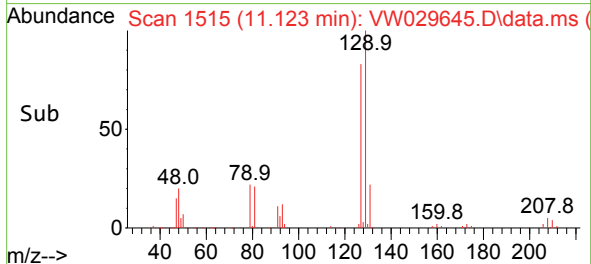


#49
Dibromochloromethane
Concen: 27.455 ug/L
RT: 11.123 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

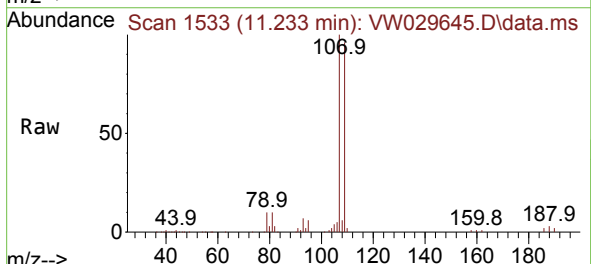
Instrument :
MSVOA_W
ClientSampleId :



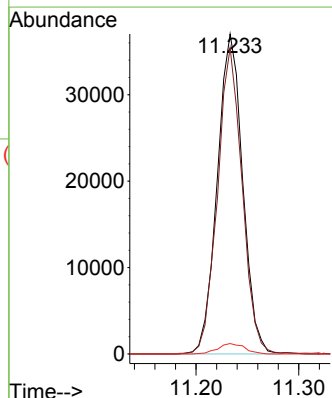
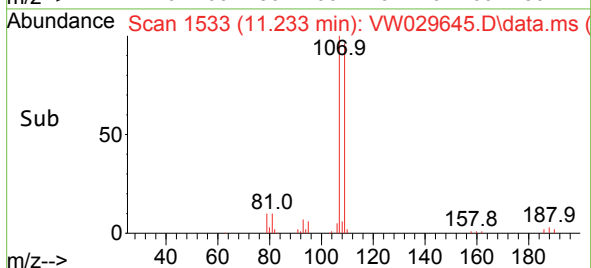
Tgt Ion:129 Resp: 73270
Ion Ratio Lower Upper
129 100
127 80.0 51.9 96.3

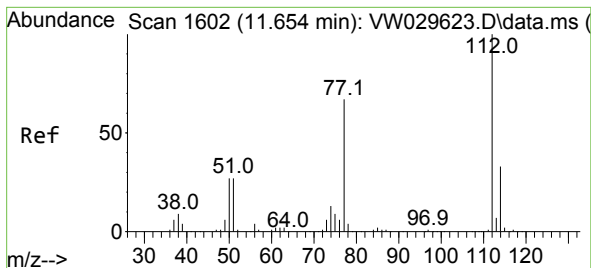


#50
1,2-Dibromoethane
Concen: 25.990 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15



Tgt Ion:107 Resp: 63513
Ion Ratio Lower Upper
107 100
109 95.7 63.2 117.4
188 3.3 2.9 4.3





#51

Chlorobenzene

Concen: 27.861 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

Instrument :

MSVOA_W

ClientSampleId :

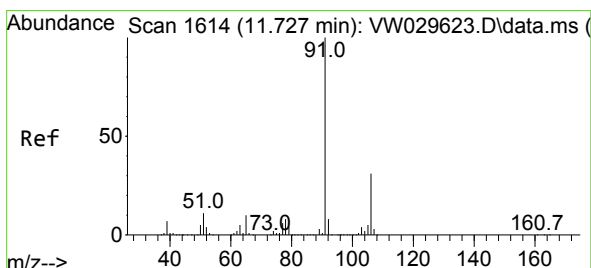
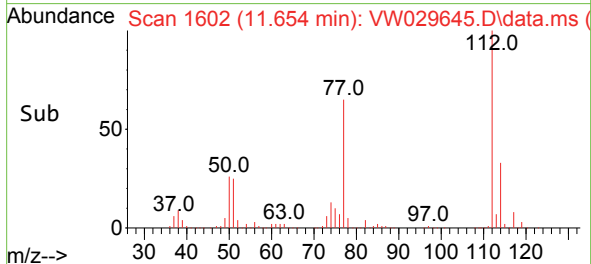
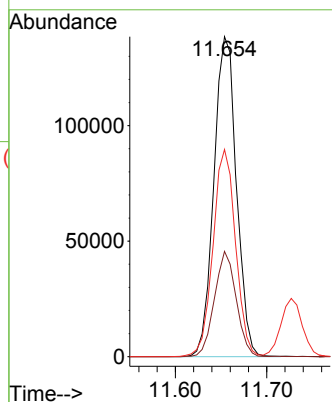
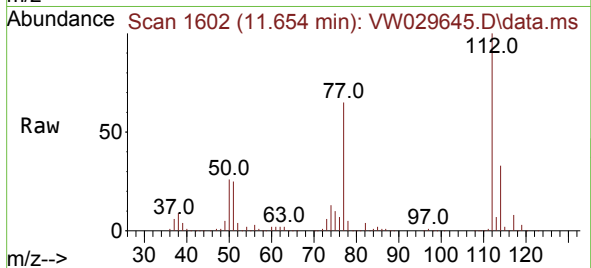
Tgt Ion:112 Resp: 237580

Ion Ratio Lower Upper

112 100

114 32.9 22.6 42.0

77 64.8 49.9 74.9



#52

Ethylbenzene

Concen: 29.146 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW029645.D

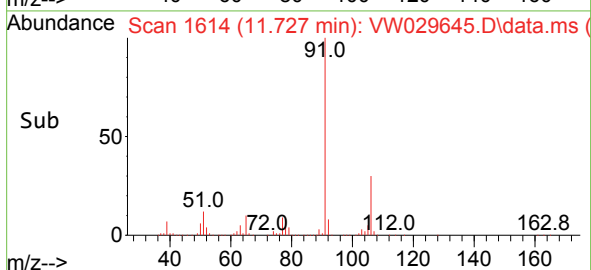
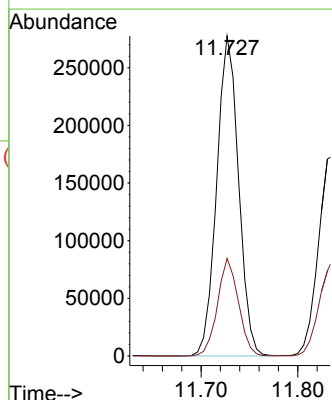
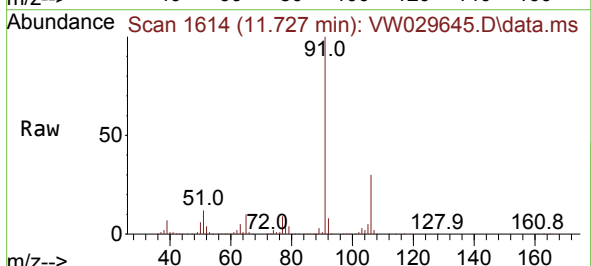
Acq: 18 Jul 2024 20:15

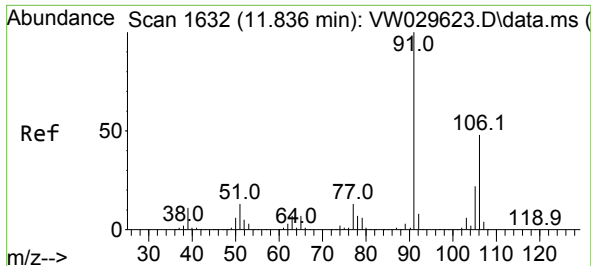
Tgt Ion: 91 Resp: 435600

Ion Ratio Lower Upper

91 100

106 30.5 20.2 37.6

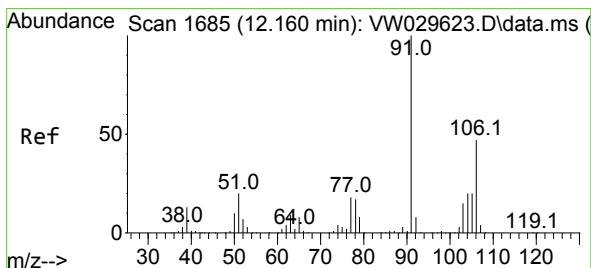
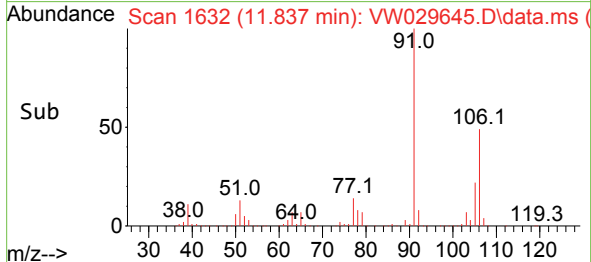
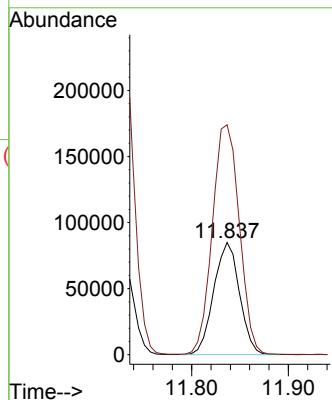
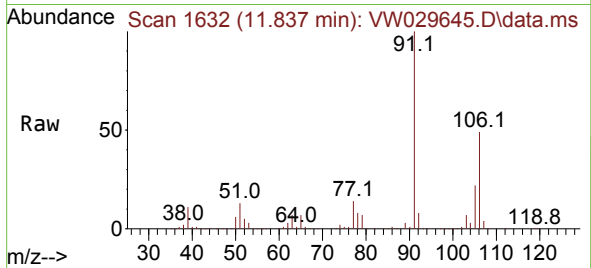




#53
m,p-Xylene
Concen: 28.625 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

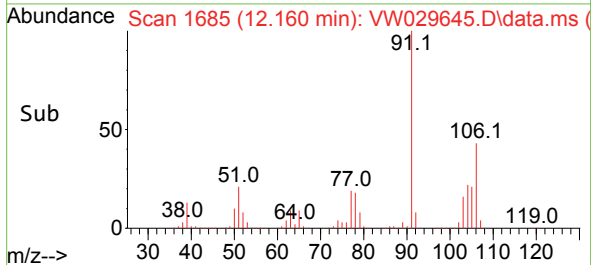
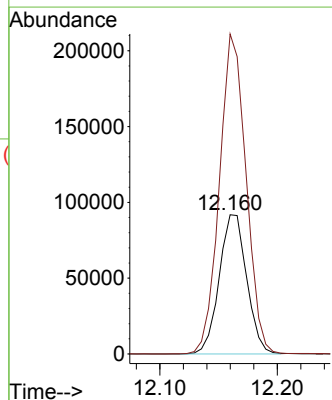
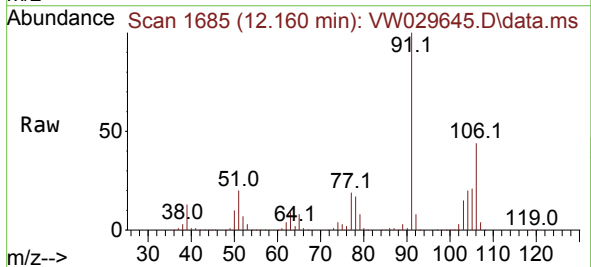
Instrument :
MSVOA_W
ClientSampleId :

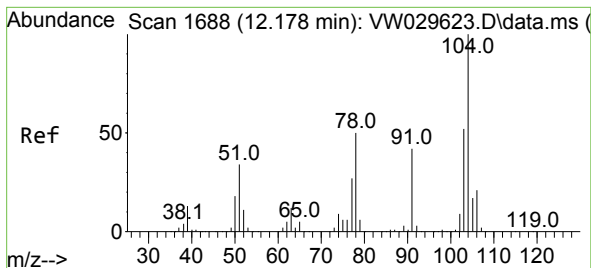
Tgt Ion:106 Resp: 157052
Ion Ratio Lower Upper
106 100
91 204.8 149.3 277.3



#54
o-Xylene
Concen: 29.405 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

Tgt Ion:106 Resp: 149218
Ion Ratio Lower Upper
106 100
91 229.9 159.2 295.6





#55

Styrene

Concen: 29.855 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

Instrument :

MSVOA_W

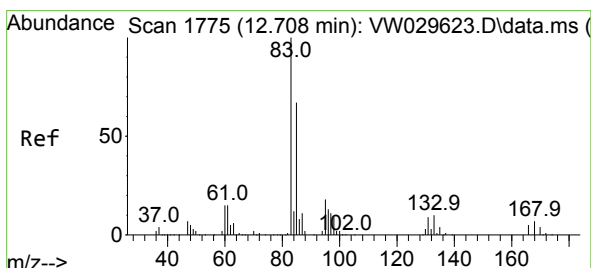
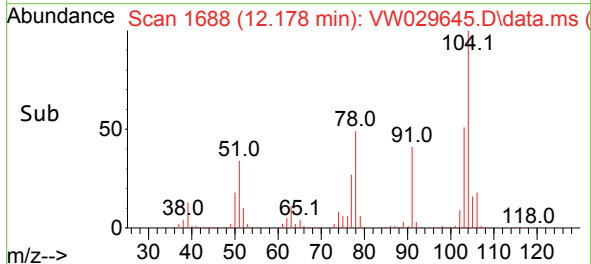
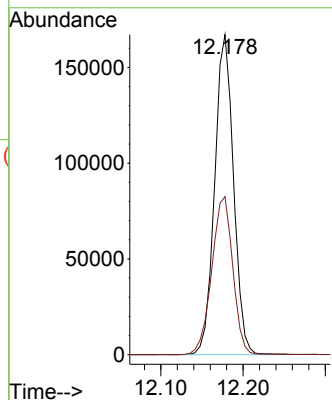
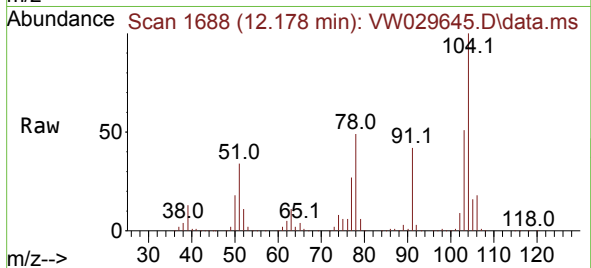
ClientSampleId :

Tgt Ion:104 Resp: 266392

Ion Ratio Lower Upper

104 100

78 49.4 34.7 64.5



#57

1,1,2,2-Tetrachloroethane

Concen: 26.557 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

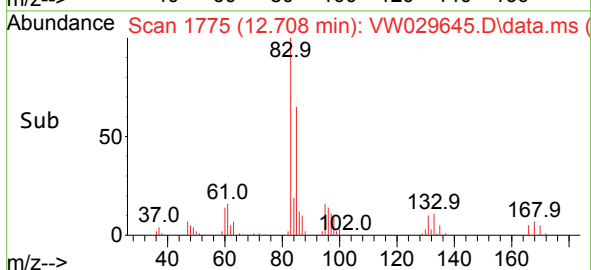
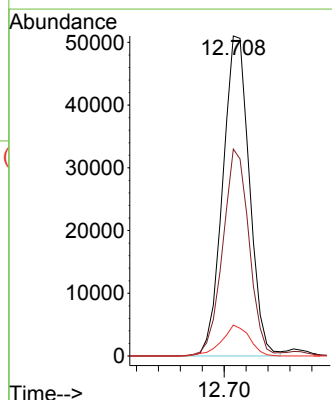
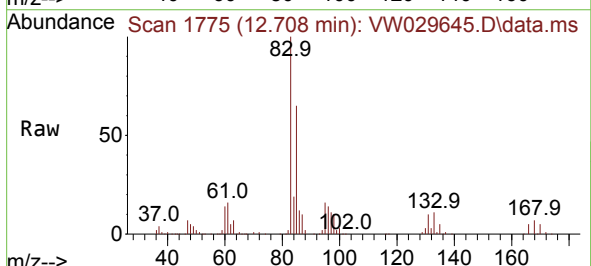
Tgt Ion: 83 Resp: 85903

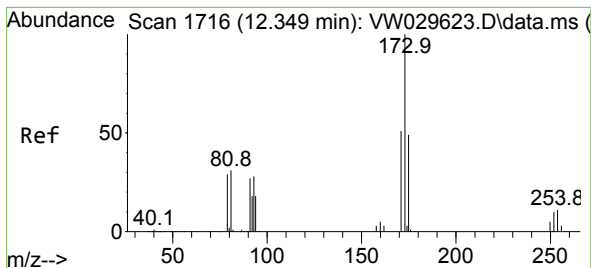
Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.4

131 9.7 6.4 9.6#





#59

Bromoform

Concen: 24.921 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

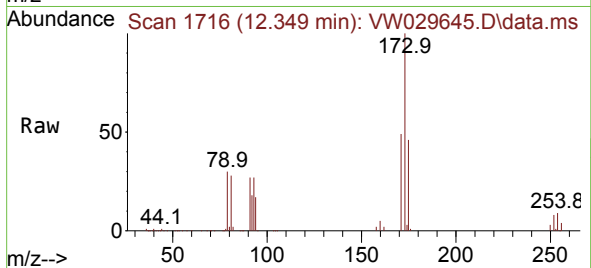
Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

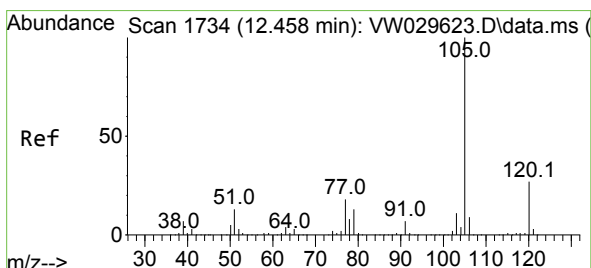
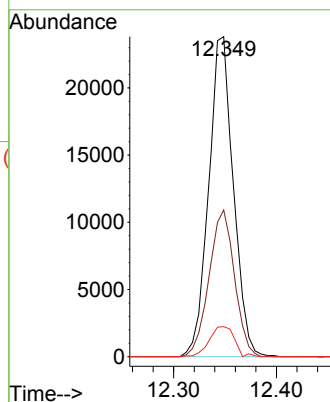
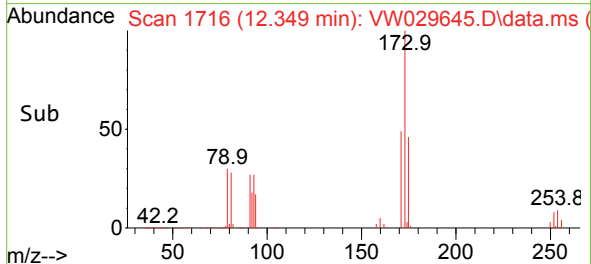
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	173	Resp:	39728
Ion Ratio	Lower	Upper	
173	100		
175	47.1	40.4	60.6
254	9.3	8.8	13.2



#60

Isopropylbenzene

Concen: 28.748 ug/L

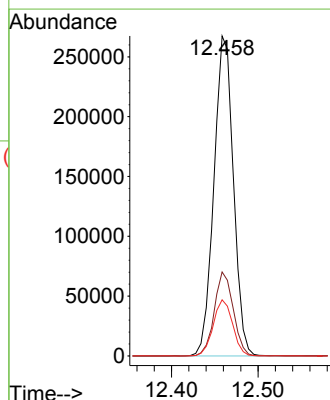
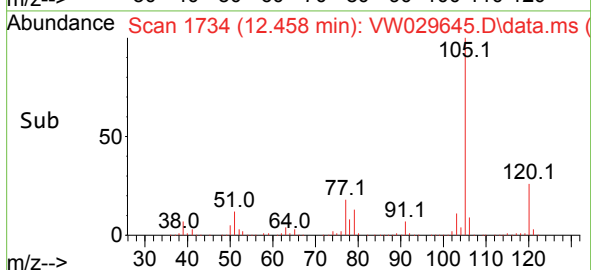
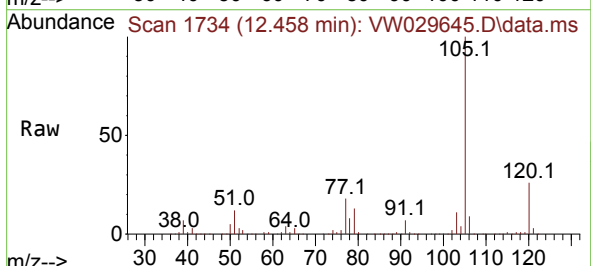
RT: 12.458 min Scan# 1734

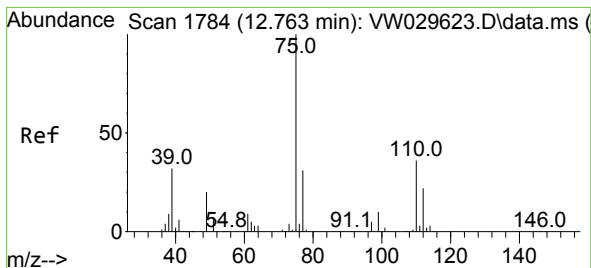
Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

Tgt Ion:	105	Resp:	417738
Ion Ratio	Lower	Upper	
105	100		
120	25.6	20.2	30.4
77	17.5	13.6	20.4





#61

1,2,3-Trichloropropane

Concen: 25.220 ug/L

RT: 12.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029645.D

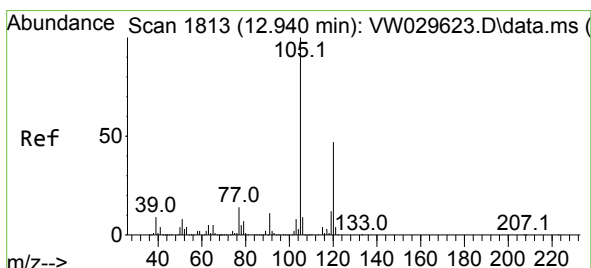
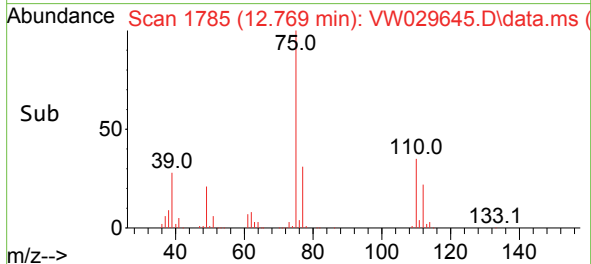
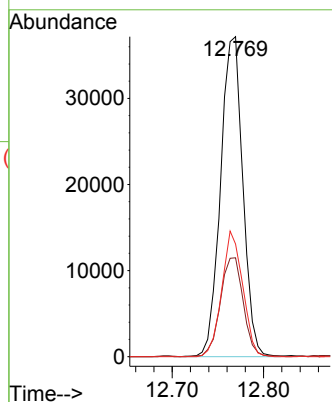
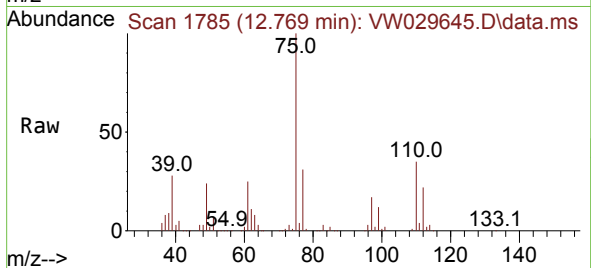
Acq: 18 Jul 2024 20:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	63034
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3
110	36.9	29.1	43.7



#62

1,3,5-Trimethylbenzene

Concen: 30.040 ug/L

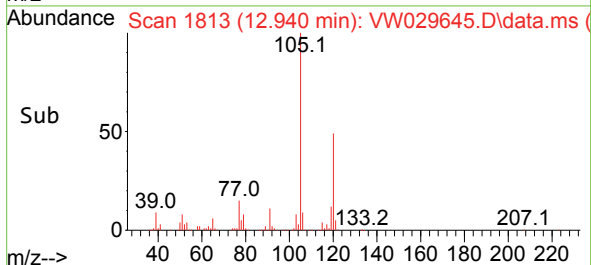
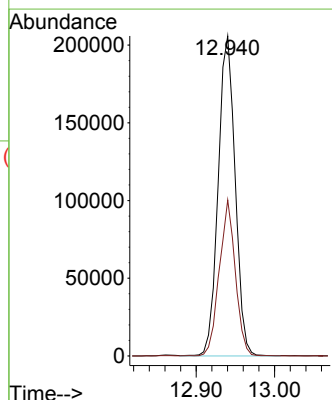
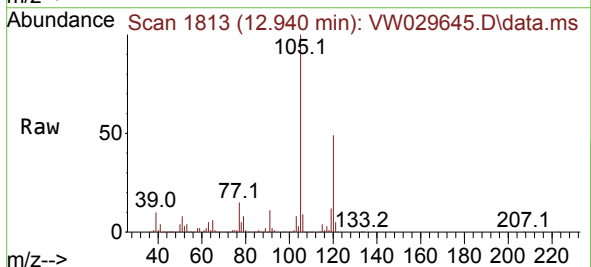
RT: 12.940 min Scan# 1813

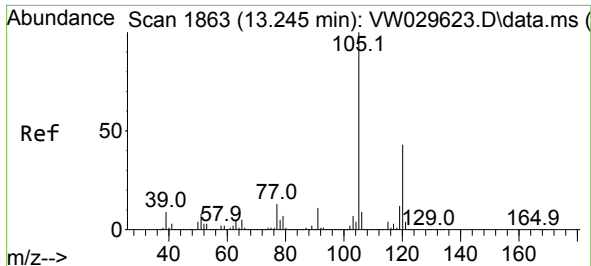
Delta R.T. 0.000 min

Lab File: VW029645.D

Acq: 18 Jul 2024 20:15

Tgt Ion:	105	Resp:	310500
Ion	Ratio	Lower	Upper
105	100		
120	45.9	38.4	57.6

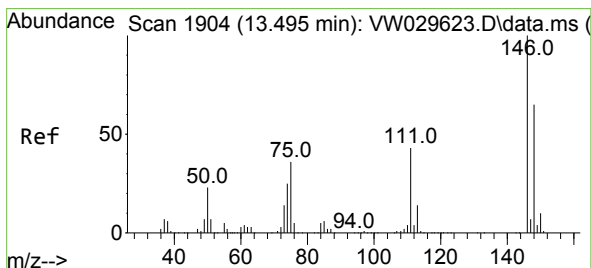
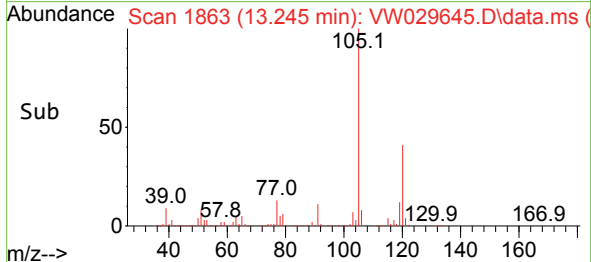
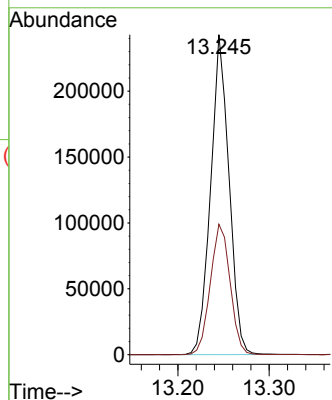
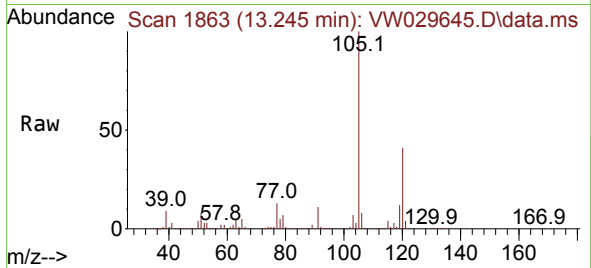




#63
 1,2,4-Trimethylbenzene
 Concen: 29.716 ug/L
 RT: 13.245 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW029645.D
 Acq: 18 Jul 2024 20:15

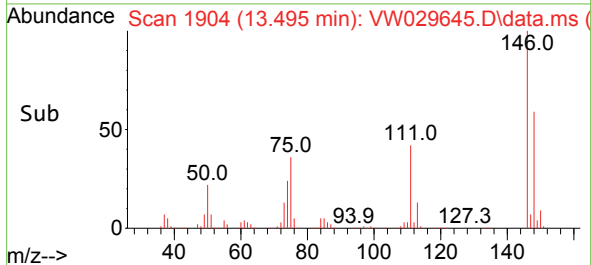
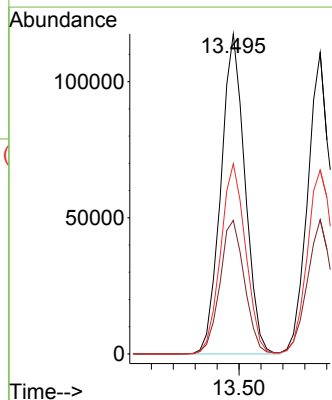
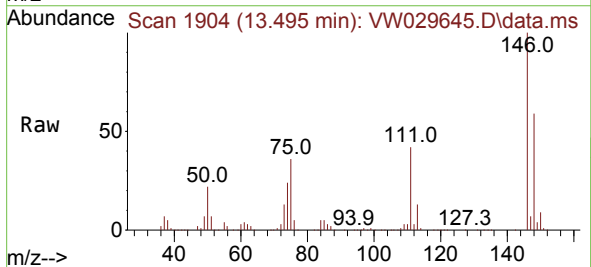
Instrument :
 MSVOA_W
 ClientSampleId :

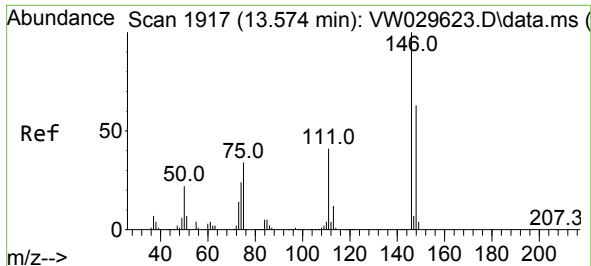
Tgt Ion:105 Resp: 338996
 Ion Ratio Lower Upper
 105 100
 120 43.8 34.7 52.1



#64
 1,3-Dichlorobenzene
 Concen: 27.529 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW029645.D
 Acq: 18 Jul 2024 20:15

Tgt Ion:146 Resp: 179306
 Ion Ratio Lower Upper
 146 100
 111 41.8 28.6 53.2
 148 59.5 43.0 80.0

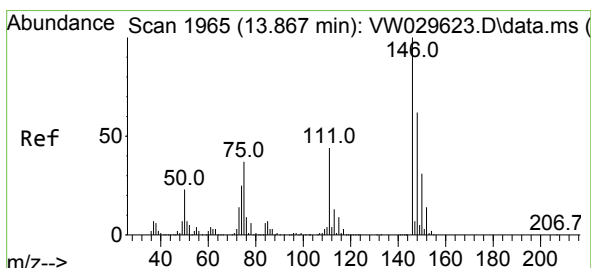
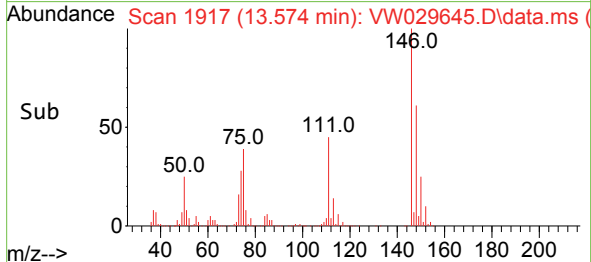
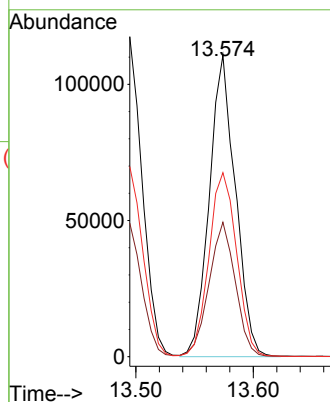
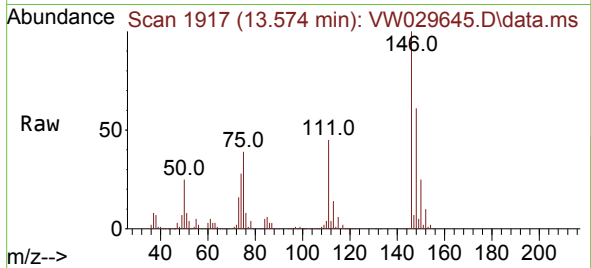




#65
1,4-Dichlorobenzene
Concen: 25.600 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

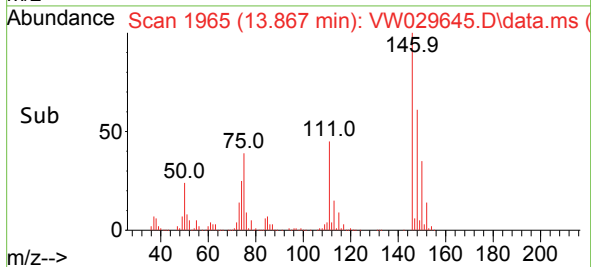
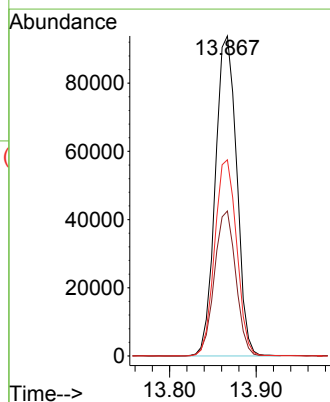
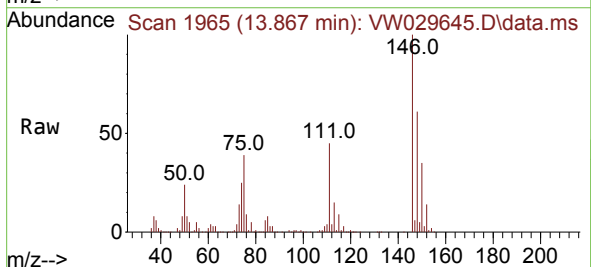
Instrument :
MSVOA_W
ClientSampleId :

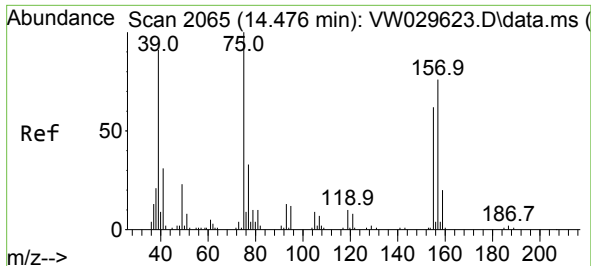
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	27.6	51.4
148	61.1	40.9	75.9



#67
1,2-Dichlorobenzene
Concen: 27.322 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	37.1	55.7
148	61.3	50.7	76.1

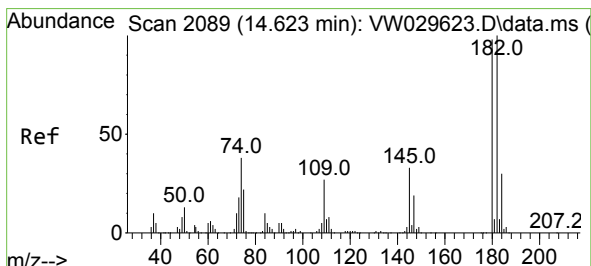
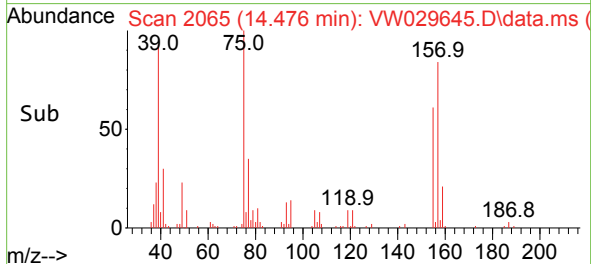
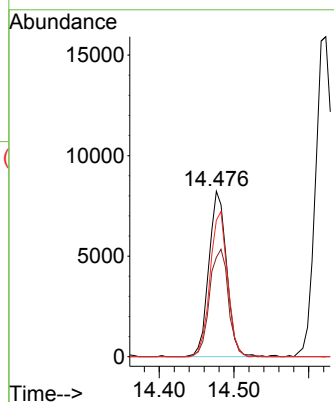
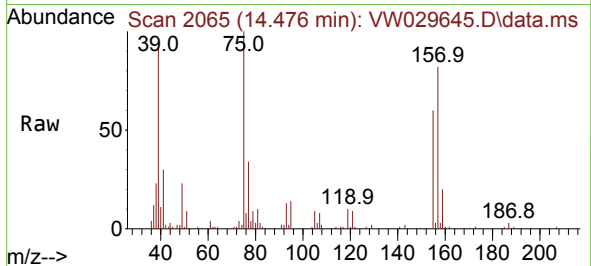




#68
1,2-Dibromo-3-chloropropane
Concen: 22.793 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

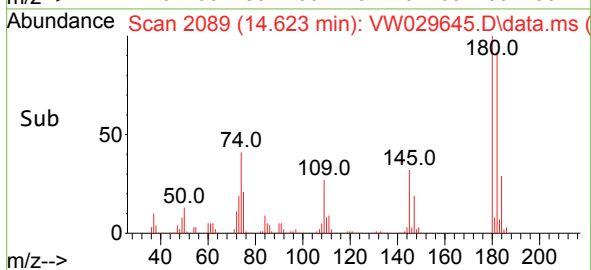
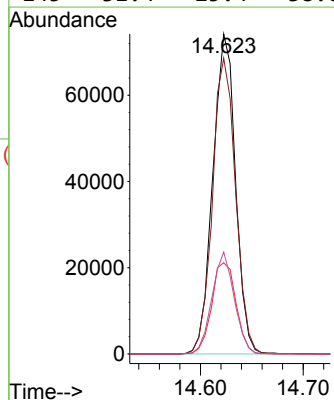
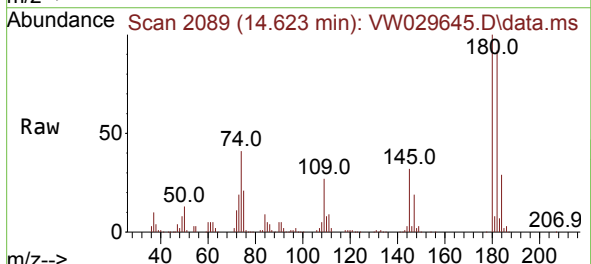
Instrument :
MSVOA_W
ClientSampleId :

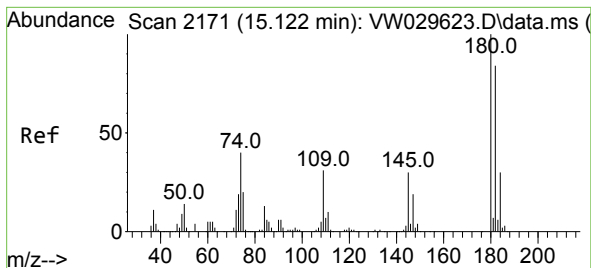
Tgt Ion:	75	Resp:	13619
Ion Ratio	Lower	Upper	
75	100		
155	60.1	51.2	76.8
157	82.5	63.7	95.5



#69
1,3,5-Trichlorobenzene
Concen: 26.726 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

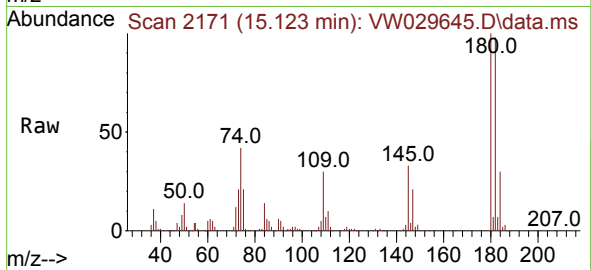
Tgt Ion:	180	Resp:	113558
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.9	116.9
184	30.6	24.4	36.6
145	31.4	25.4	38.0



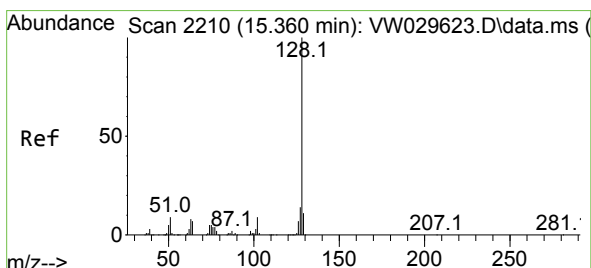
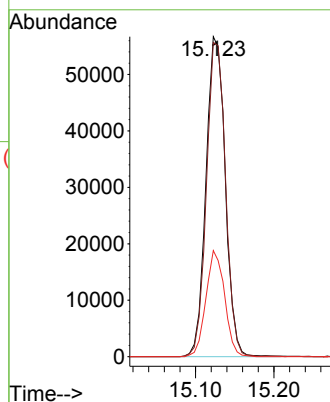
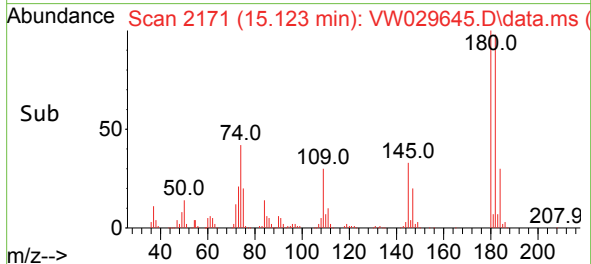


#70
1,2,4-trichlorobenzene
Concen: 25.886 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

Instrument :
MSVOA_W
ClientSampleId :

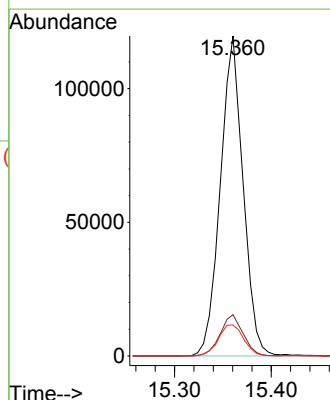
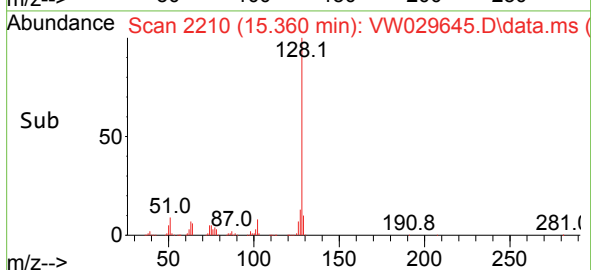
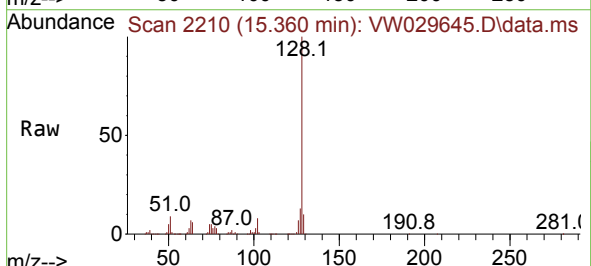


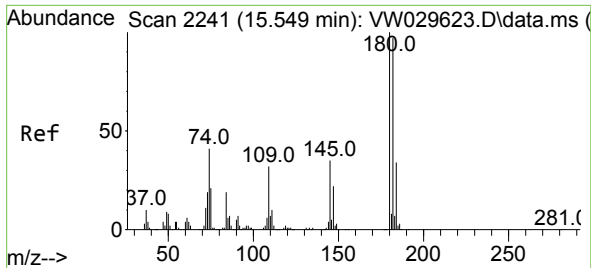
Tgt Ion:180 Resp: 96781
Ion Ratio Lower Upper
180 100
182 97.0 74.7 112.1
145 32.1 26.2 39.2



#71
Naphthalene
Concen: 24.861 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029645.D
Acq: 18 Jul 2024 20:15

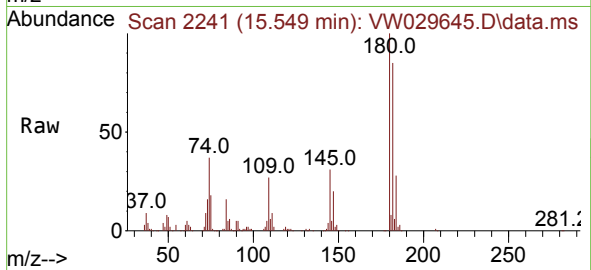
Tgt Ion:128 Resp: 195091
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 24.567 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029645.D
 Acq: 18 Jul 2024 20:15

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	83451
Ion Ratio	Lower	Upper	
180	100		
182	99.8	73.4	110.0
145	34.8	26.9	40.3

