

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072724\
 Data File : VW029767.D
 Acq On : 27 Jul 2024 08:06
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 04:40:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 27 00:53:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	249266	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111237	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	77572	21.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.680%
7) Chloroethane-d5	2.777	69	121	0.048	ug/L	-0.12
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.200%#
11) 1,1-Dichloroethene-d2	4.021	65	38724	23.972	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.880%
21) 2-Butanone-d5	7.075	46	43548	44.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.800%
24) Chloroform-d	7.648	84	176150	27.299	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	8.301	65	96592	26.281	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.120%
32) Benzene-d6	8.276	84	332883	26.478	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.920%
36) 1,2-Dichloropropane-d6	9.270	67	104715	26.085	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.360%
41) Toluene-d8	10.319	98	302774	27.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.360%
43) trans-1,3-Dichloroprop...	10.575	79	41385	25.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.920%
47) 2-Hexanone-d5	10.922	63	30388	45.908	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76393	25.629	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	90293	26.142	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	93674	27.879	ug/L	97
3) Chloromethane	2.222	50	108005	25.977	ug/L	99
5) Vinyl chloride	2.375	62	123362	26.480	ug/L	99
6) Bromomethane	2.796	94	65025	25.419	ug/L	94
8) Chloroethane	2.936	64	70128	26.461	ug/L	98
9) Trichlorofluoromethane	3.271	101	96821	26.019	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	89213	24.072	ug/L	96
12) 1,1-Dichloroethene	4.045	96	89346	26.237	ug/L	93
13) Acetone	4.125	43	65757	54.554	ug/L	98
14) Carbon disulfide	4.387	76	301587	26.613	ug/L	98
15) Methyl Acetate	4.667	43	45776	22.800	ug/L	99
16) Methylene chloride	4.917	84	100413	19.269	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	95253	25.957	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	143788	23.775	ug/L	98
19) 1,1-Dichloroethane	6.216	63	199454	25.771	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	99693	25.045	ug/L	96
22) 2-Butanone	7.173	43	72570	46.988	ug/L	100
23) Bromochloromethane	7.514	128	42736	25.290	ug/L	96
25) Chloroform	7.673	83	187311	25.688	ug/L	98

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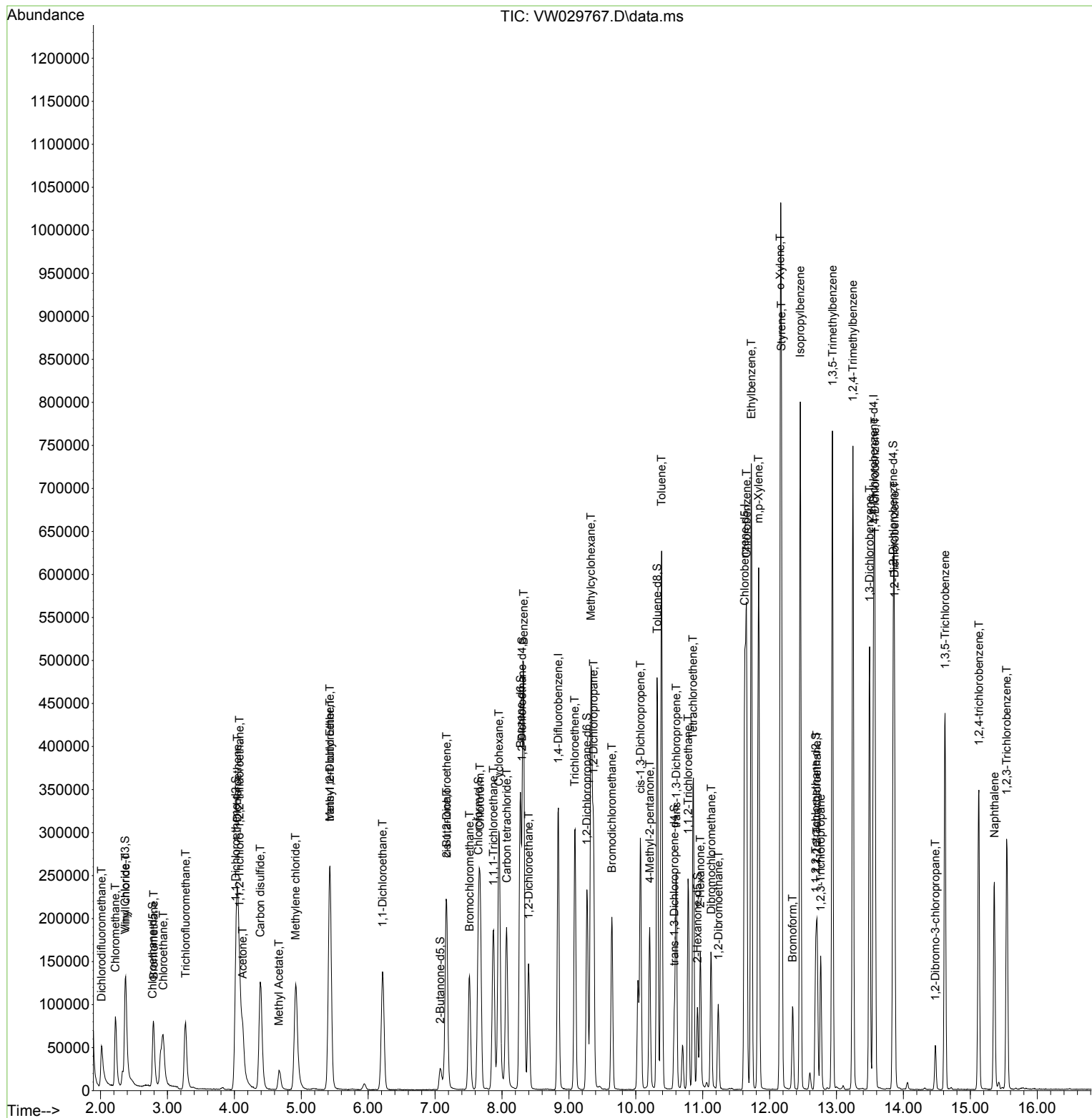
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133430	25.109	ug/L	99
29) Cyclohexane	7.953	56	172952	26.156	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	151108	25.645	ug/L	99
31) Carbon tetrachloride	8.069	117	138321	26.052	ug/L	98
33) Benzene	8.325	78	415435	26.058	ug/L	100
34) Trichloroethene	9.087	95	106272	25.428	ug/L	93
35) Methylcyclohexane	9.331	83	187782	26.964	ug/L	99
37) 1,2-Dichloropropane	9.368	63	112472	25.744	ug/L	100
38) Bromodichloromethane	9.642	83	133261	25.614	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	163805	25.745	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	128163	46.184	ug/L	99
42) Toluene	10.386	91	429434	26.389	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	133536	25.282	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	72407	24.670	ug/L	93
46) Tetrachloroethene	10.855	164	75170	24.746	ug/L	88
48) 2-Hexanone	10.965	43	104528	50.293	ug/L	99
49) Dibromochloromethane	11.129	129	78972	25.919	ug/L	97
50) 1,2-Dibromoethane	11.233	107	64208	23.643	ug/L	95
51) Chlorobenzene	11.654	112	258721	25.560	ug/L	97
52) Ethylbenzene	11.727	91	489785	26.682	ug/L	99
53) m,p-Xylene	11.837	106	180933	26.801	ug/L	92
54) o-Xylene	12.160	106	167551	26.951	ug/L	100
55) Styrene	12.178	104	290327	26.942	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	83791	23.260	ug/L #	96
59) Bromoform	12.343	173	42240	25.236	ug/L	99
60) Isopropylbenzene	12.458	105	469704	27.288	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	61845	22.859	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	381191	29.794	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	374391	27.362	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	188805	25.709	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	197171	26.137	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	167474	25.048	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13249	21.568	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	127281	25.331	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	102325	24.172	ug/L	92
71) Naphthalene	15.360	128	192933	23.886	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	90323	23.574	ug/L	98

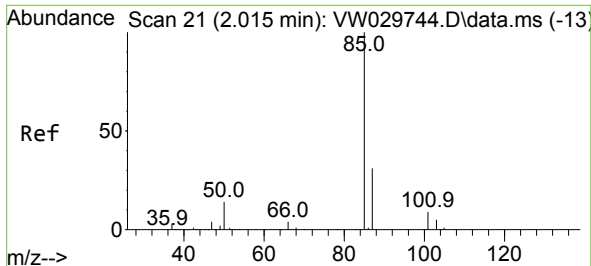
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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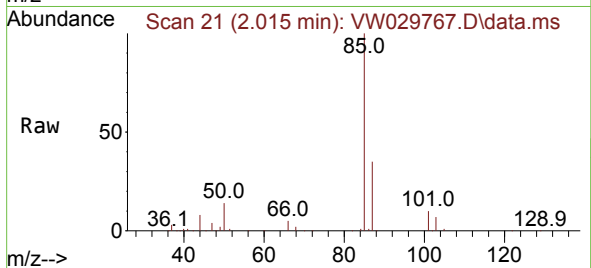
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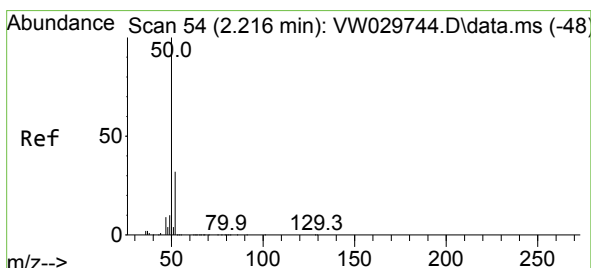
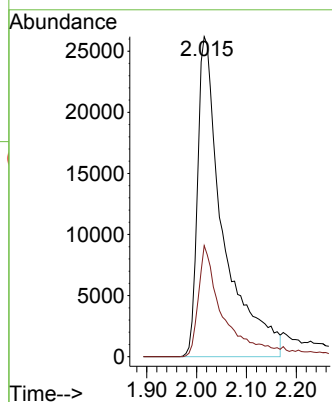
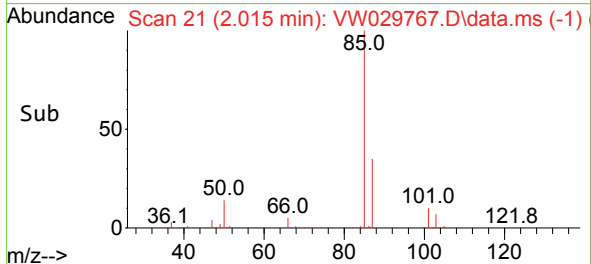


#2
 Dichlorodifluoromethane
 Concen: 27.879 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029767.D
 Acq: 27 Jul 2024 08:06

Instrument :
 MSVOA_W
 ClientSampleId :

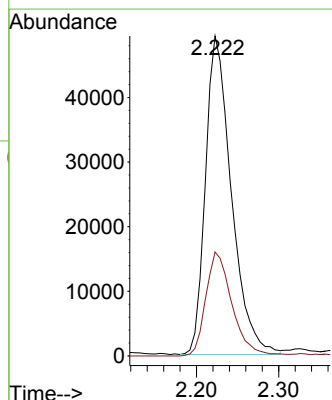
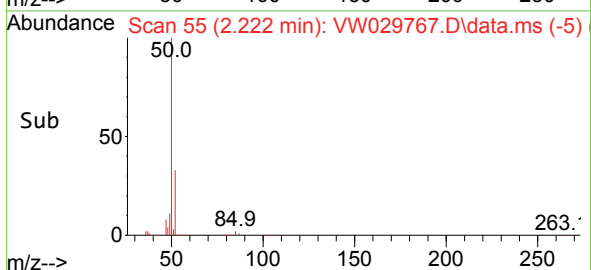
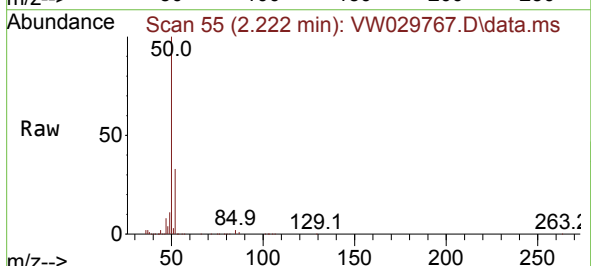


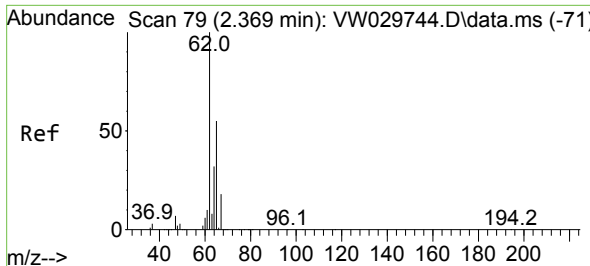
Tgt Ion: 85 Resp: 93674
 Ion Ratio Lower Upper
 85 100
 87 30.3 25.5 38.3



#3
 Chloromethane
 Concen: 25.977 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW029767.D
 Acq: 27 Jul 2024 08:06

Tgt Ion: 50 Resp: 108005
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.9

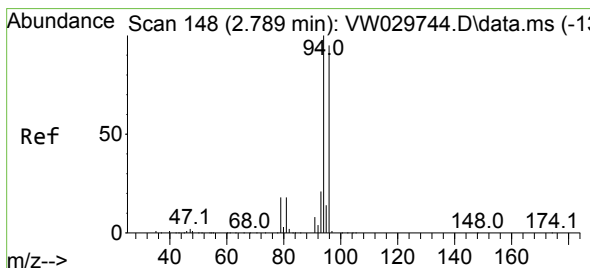
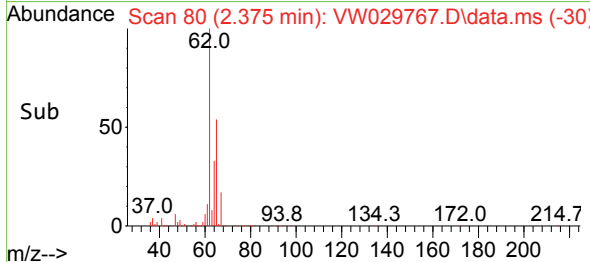
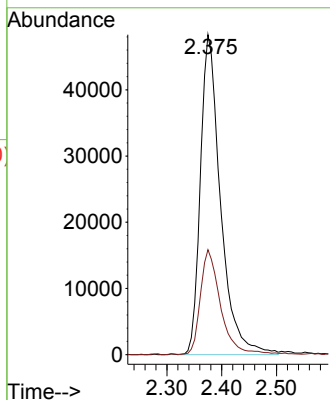
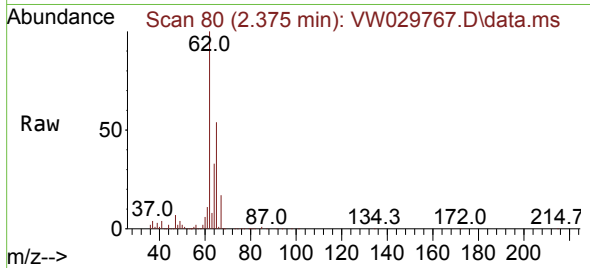




#5
 Vinyl chloride
 Concen: 26.480 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW029767.D
 Acq: 27 Jul 2024 08:06

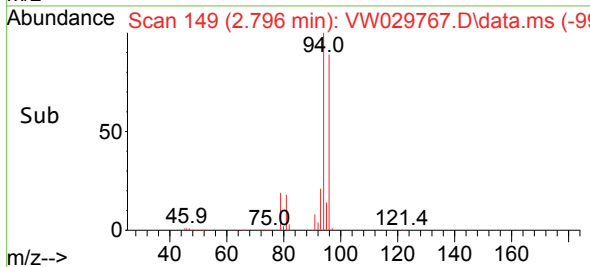
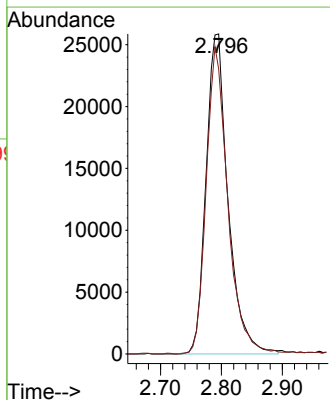
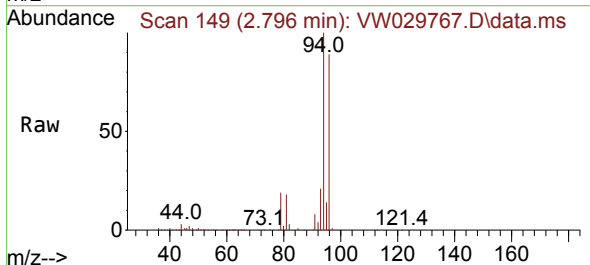
Instrument :
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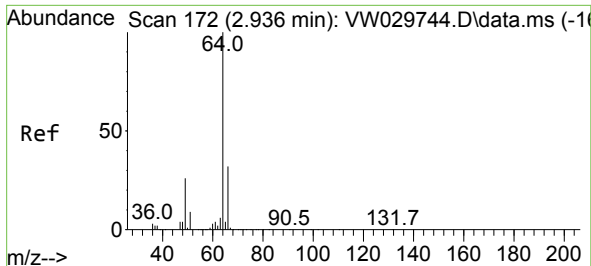
Tgt Ion: 62 Resp: 123362
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.2



#6
 Bromomethane
 Concen: 25.419 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW029767.D
 Acq: 27 Jul 2024 08:06

Tgt Ion: 94 Resp: 65025
 Ion Ratio Lower Upper
 94 100
 96 89.0 66.2 123.0

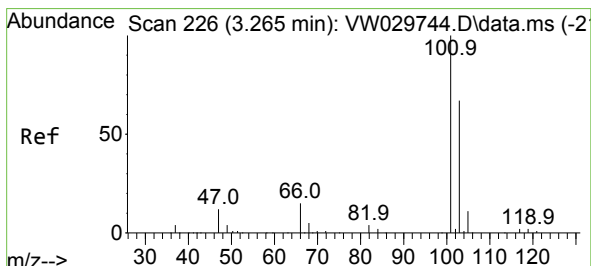
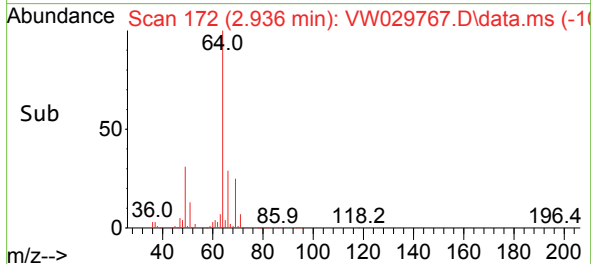
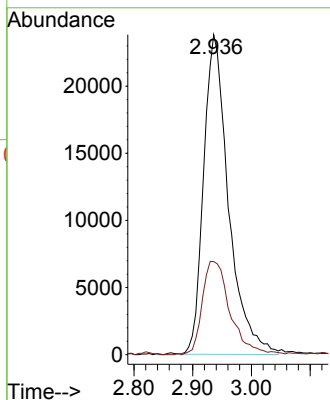
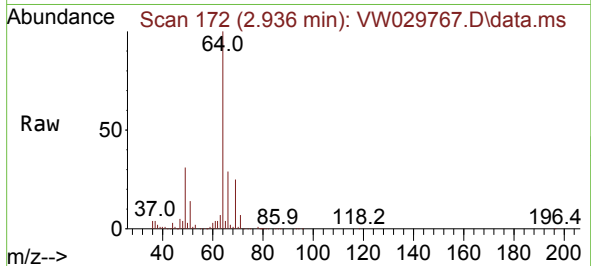




#8
Chloroethane
Concen: 26.461 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

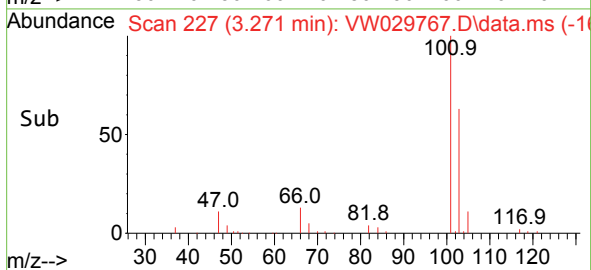
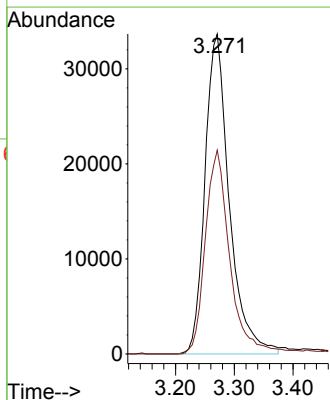
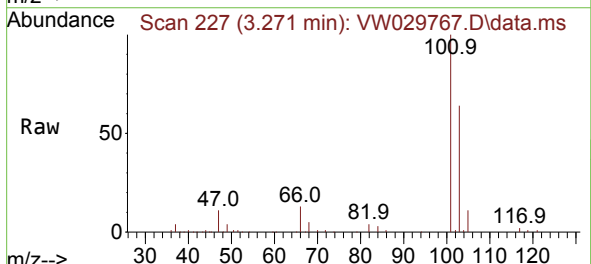
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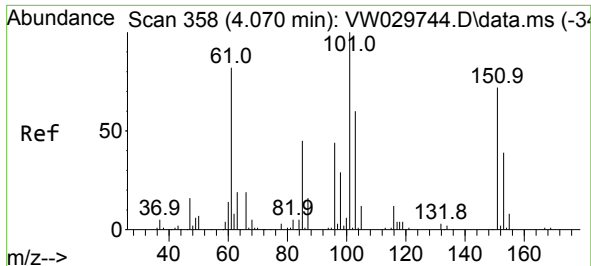
Tgt Ion: 64 Resp: 70128
Ion Ratio Lower Upper
64 100
66 29.1 21.2 39.4



#9
Trichlorofluoromethane
Concen: 26.019 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

Tgt Ion: 101 Resp: 96821
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4

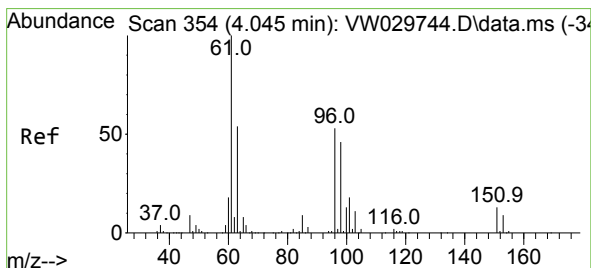
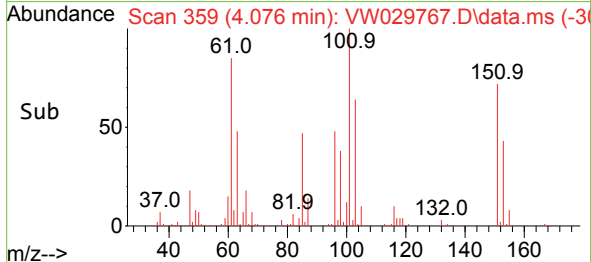
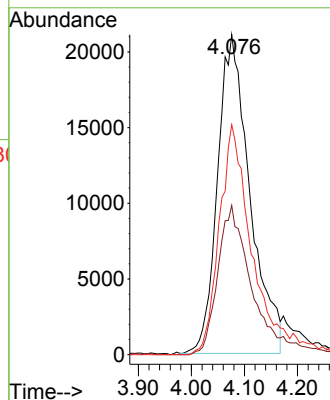
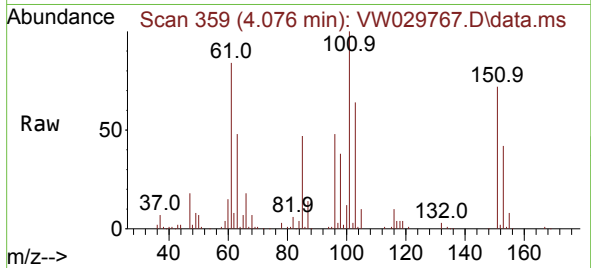




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.072 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW029767.D
 Acq: 27 Jul 2024 08:06

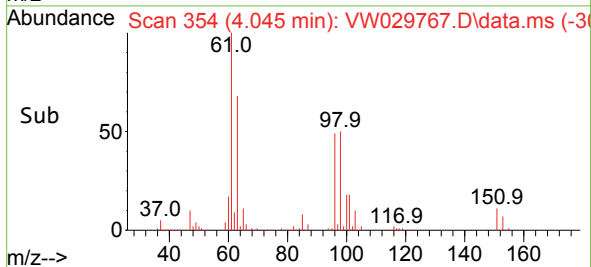
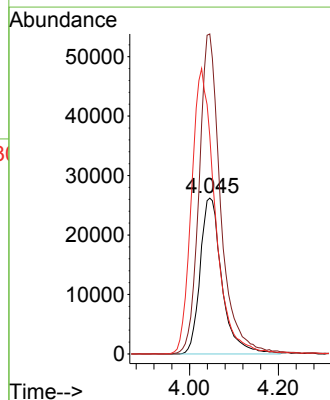
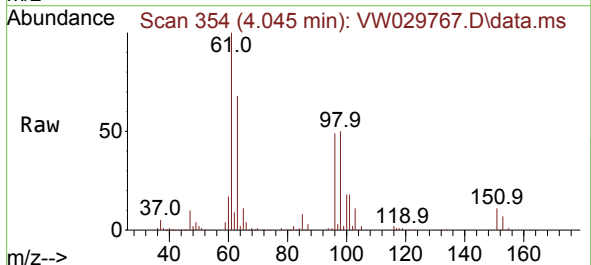
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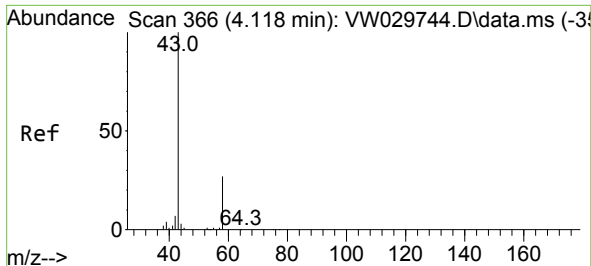
Tgt Ion:101 Resp: 89213
 Ion Ratio Lower Upper
 101 100
 85 46.4 34.2 51.4
 151 70.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 26.237 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW029767.D
 Acq: 27 Jul 2024 08:06

Tgt Ion: 96 Resp: 89346
 Ion Ratio Lower Upper
 96 100
 61 205.3 138.3 256.9
 63 139.9 89.0 165.4





#13

Acetone

Concen: 54.554 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

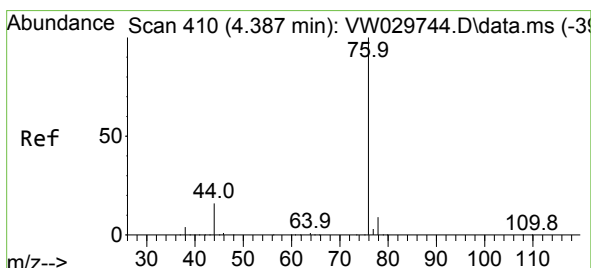
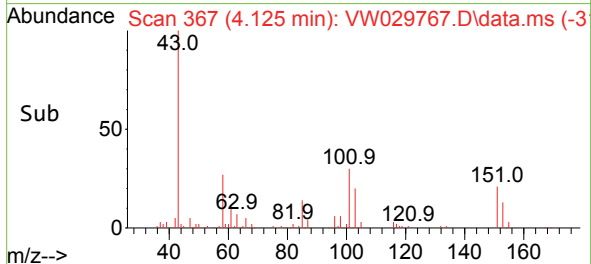
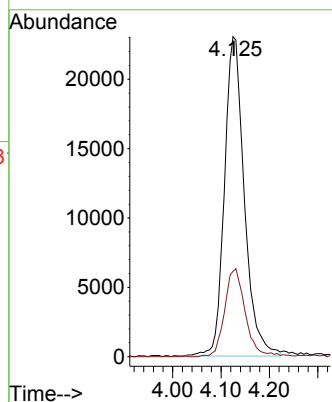
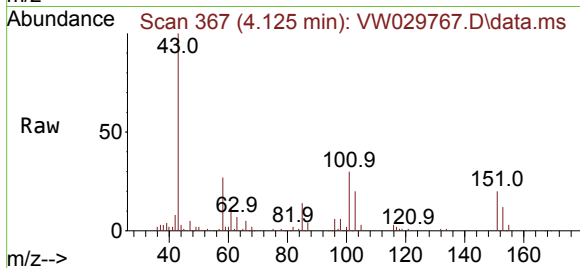
ClientSampleId :

Tgt Ion: 43 Resp: 65757

Ion Ratio Lower Upper

43 100

58 27.9 0.0 57.6



#14

Carbon disulfide

Concen: 26.613 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW029767.D

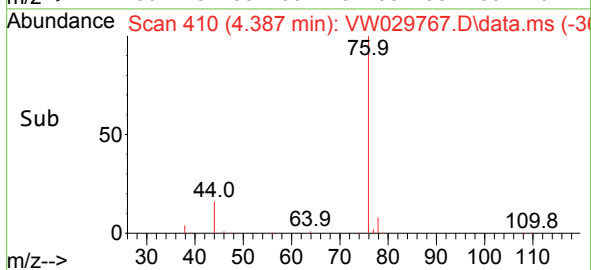
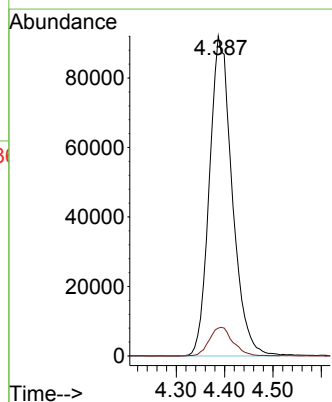
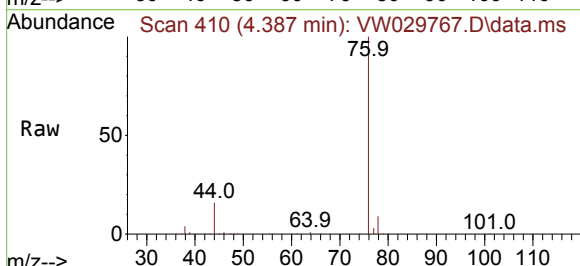
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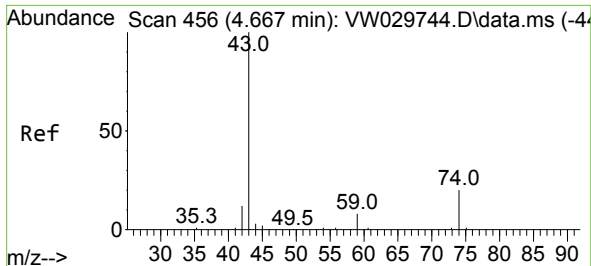
Tgt Ion: 76 Resp: 301587

Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4

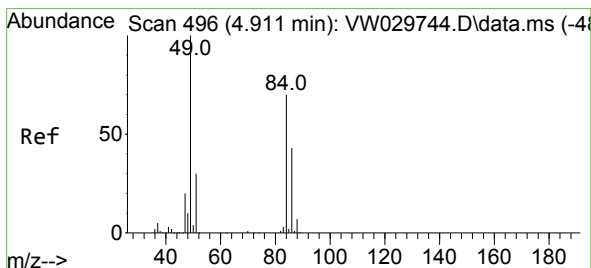
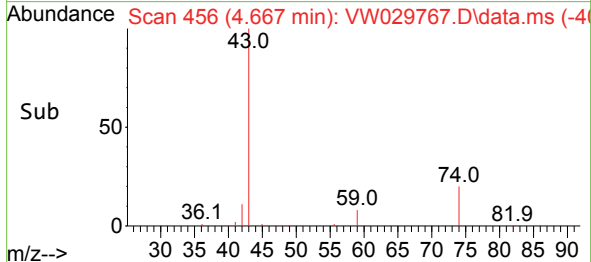
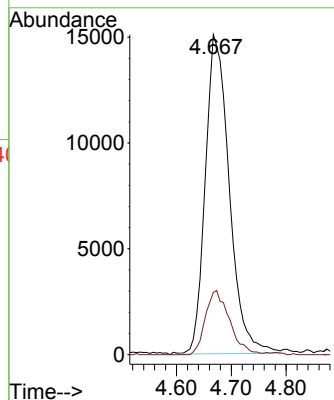
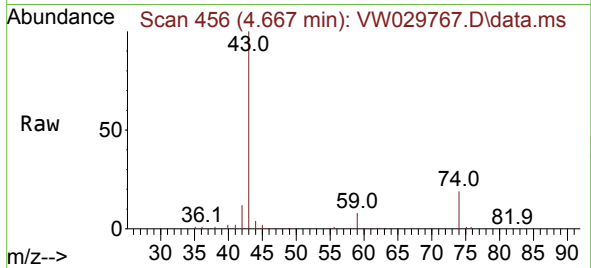




#15
Methyl Acetate
Concen: 22.800 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

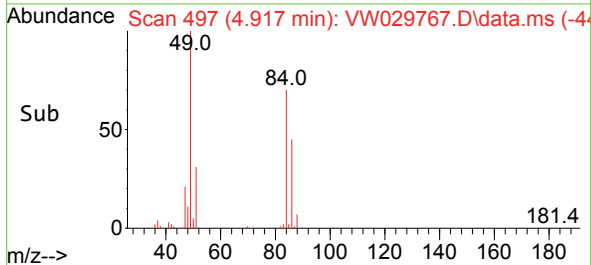
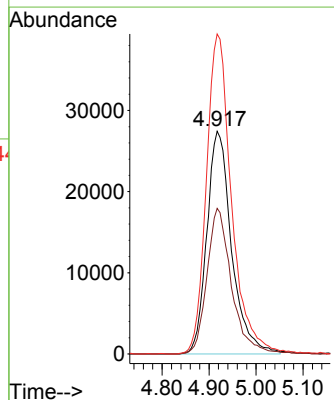
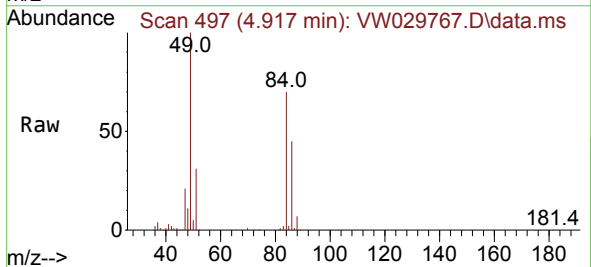
Instrument :
MSVOA_W
ClientSampleId :

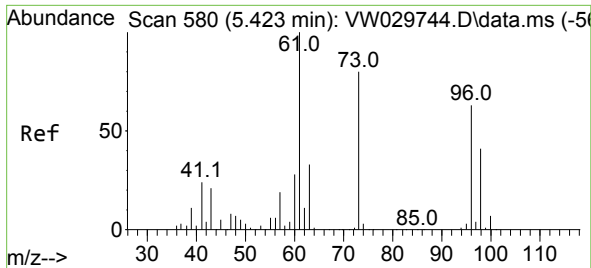
Tgt Ion: 43 Resp: 45776
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7



#16
Methylene chloride
Concen: 19.269 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

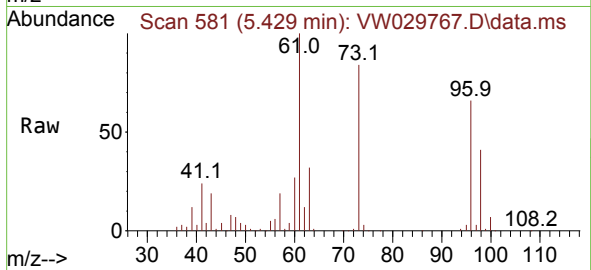
Tgt Ion: 84 Resp: 100413
Ion Ratio Lower Upper
84 100
86 65.4 44.7 82.9
49 143.7 99.0 184.0



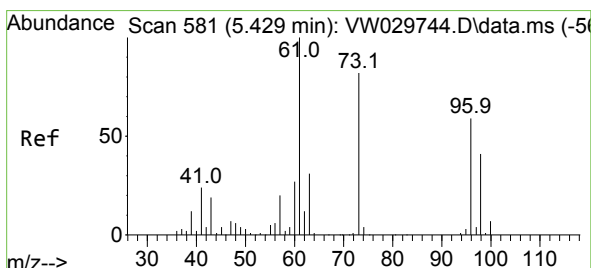
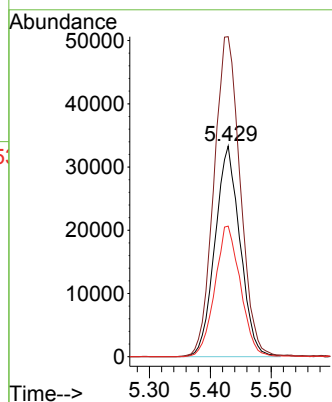
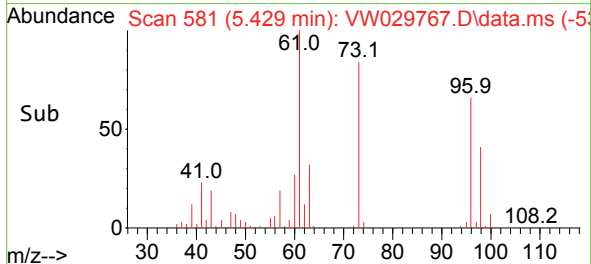


#17
trans-1,2-Dichloroethene
Concen: 25.957 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

Instrument :
MSVOA_W
ClientSampleId :

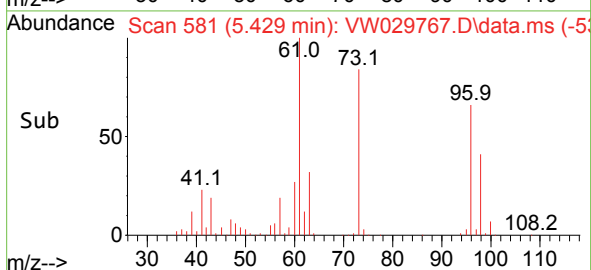
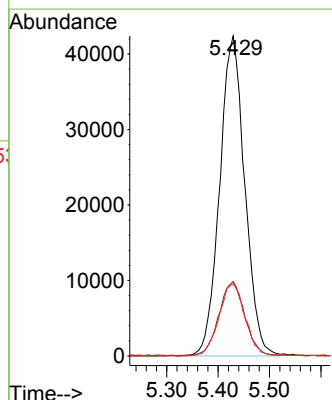
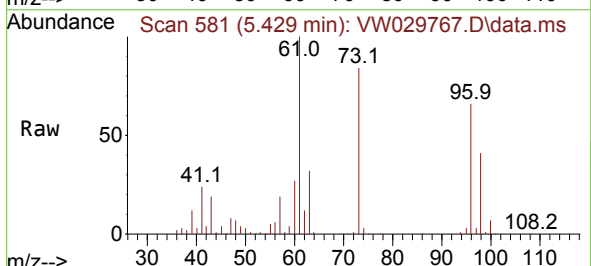


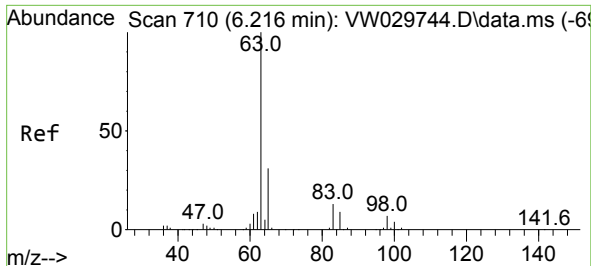
Tgt Ion: 96 Resp: 95253
Ion Ratio Lower Upper
96 100
61 151.9 111.2 206.6
98 61.9 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 23.775 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

Tgt Ion: 73 Resp: 143788
Ion Ratio Lower Upper
73 100
43 23.5 18.3 27.5
57 23.4 17.9 26.9





#19

1,1-Dichloroethane

Concen: 25.771 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

ClientSampleId :

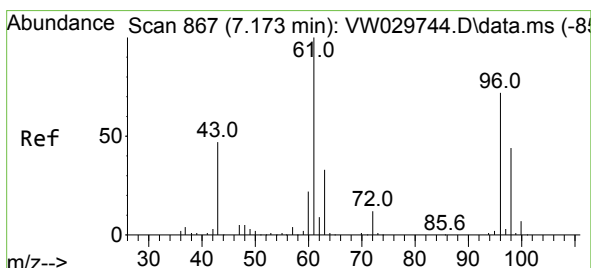
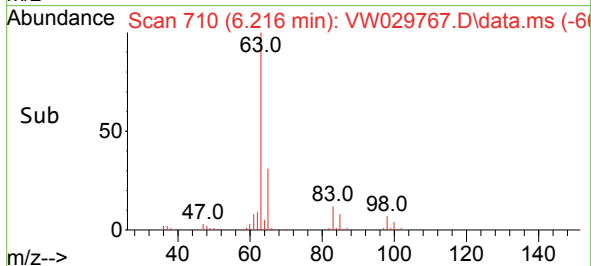
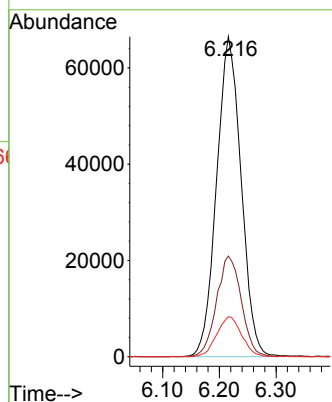
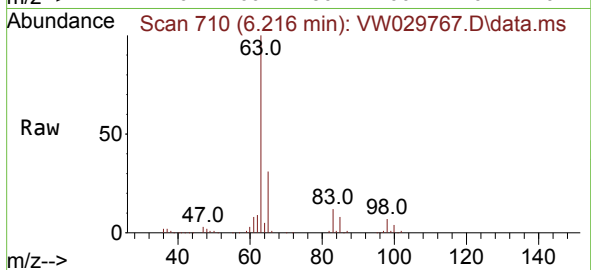
Tgt Ion: 63 Resp: 199454

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.3

83 12.5 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 25.045 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

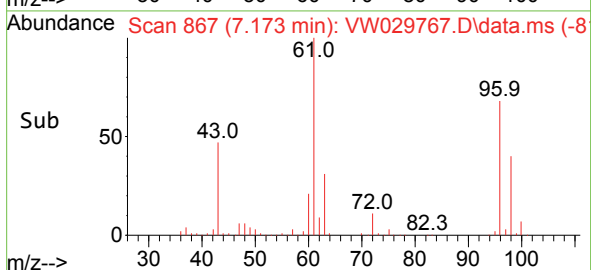
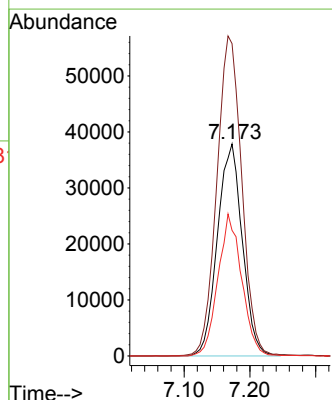
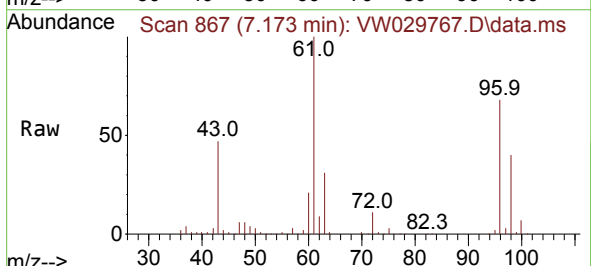
Tgt Ion: 96 Resp: 99693

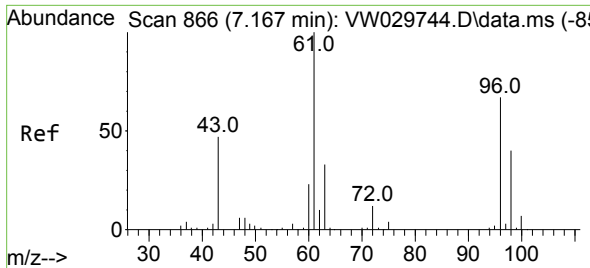
Ion Ratio Lower Upper

96 100

61 147.3 98.2 182.4

98 59.2 41.9 77.9

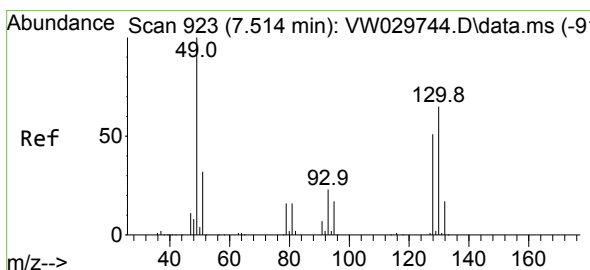
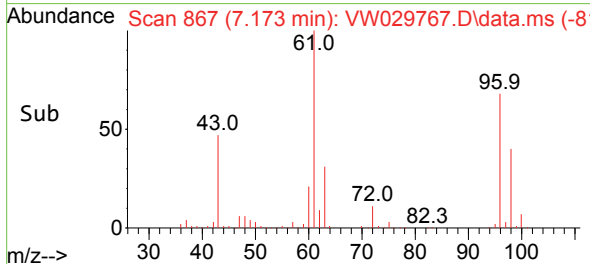
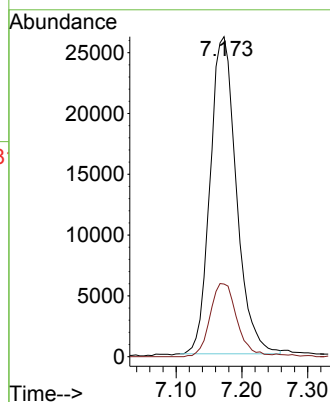
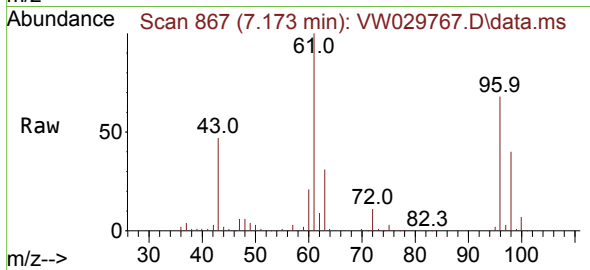




#22
2-Butanone
Concen: 46.988 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

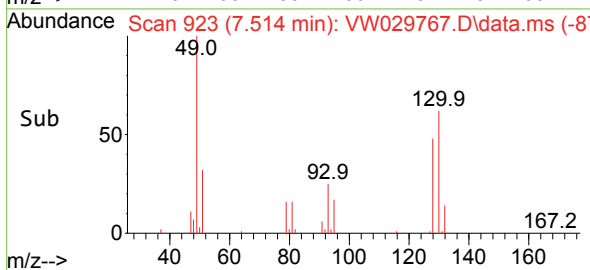
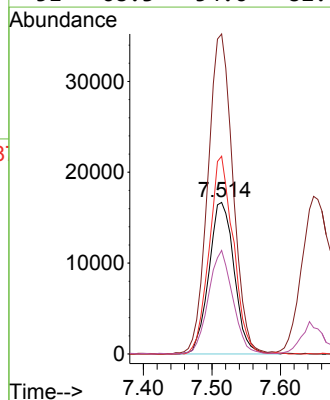
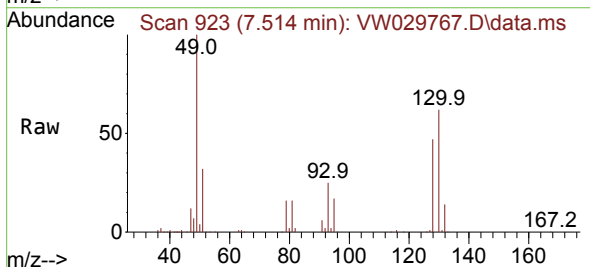
Instrument :
MSVOA_W
ClientSampleId :

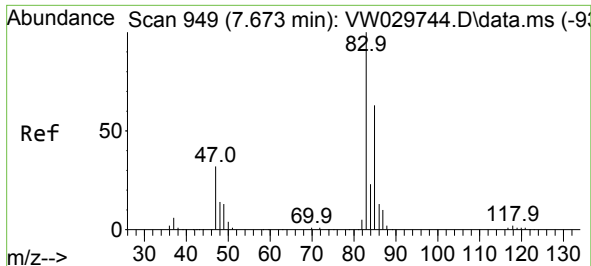
Tgt Ion: 43 Resp: 72570
Ion Ratio Lower Upper
43 100
72 23.6 11.7 35.1



#23
Bromochloromethane
Concen: 25.290 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

Tgt Ion: 128 Resp: 42736
Ion Ratio Lower Upper
128 100
49 211.1 151.1 280.7
130 130.4 96.8 179.8
51 68.3 54.6 82.0

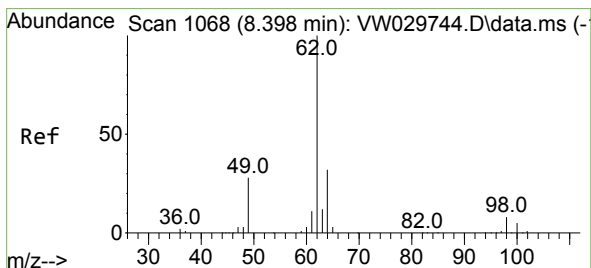
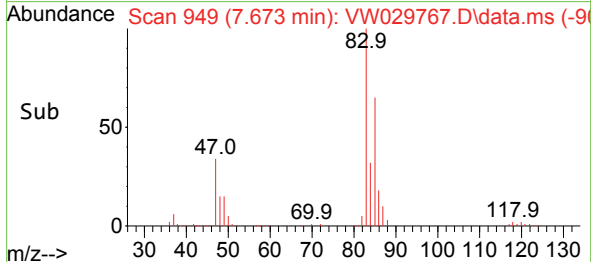
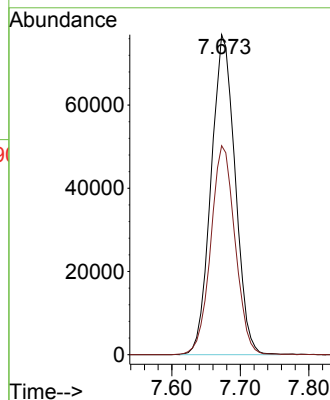
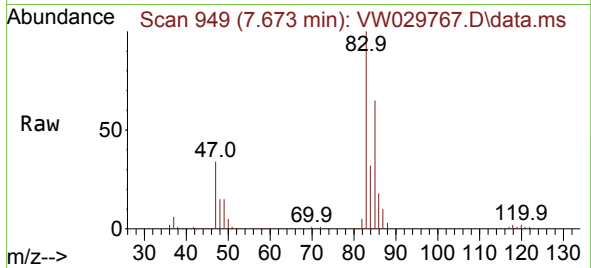




#25
Chloroform
Concen: 25.688 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

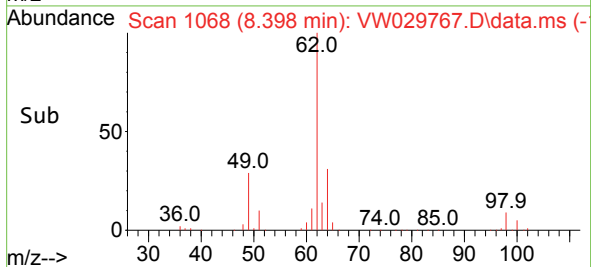
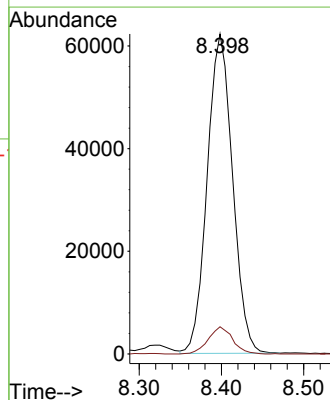
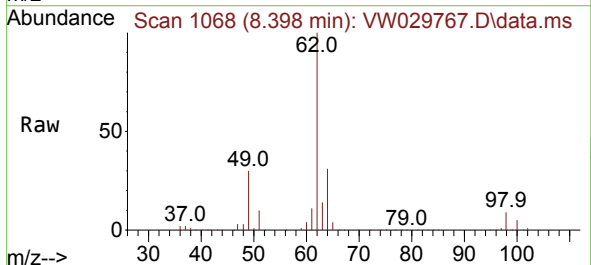
Instrument :
MSVOA_W
ClientSampleId :

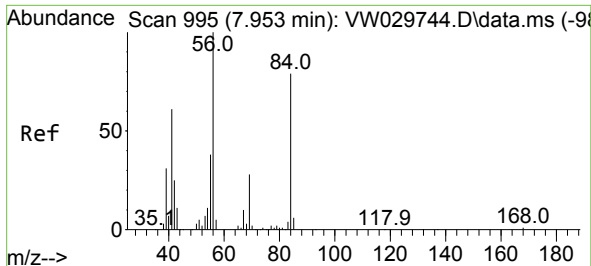
Tgt Ion: 83 Resp: 187311
Ion Ratio Lower Upper
83 100
85 65.3 44.4 82.4



#27
1,2-Dichloroethane
Concen: 25.109 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

Tgt Ion: 62 Resp: 133430
Ion Ratio Lower Upper
62 100
98 8.5 6.6 10.0





#29

Cyclohexane

Concen: 26.156 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

ClientSampleId :

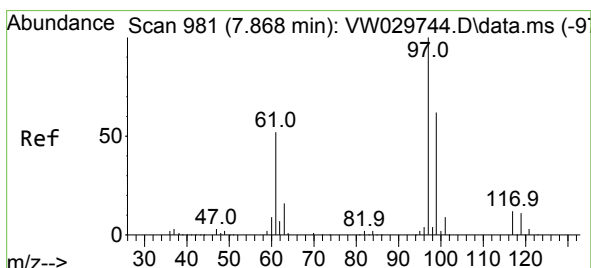
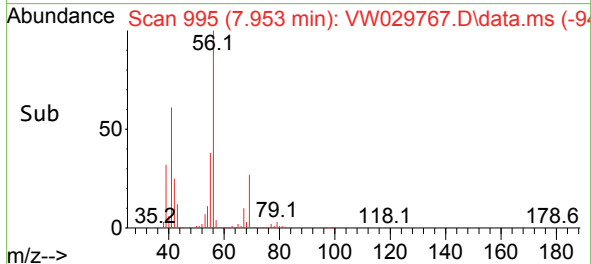
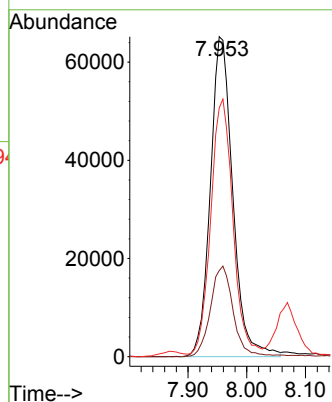
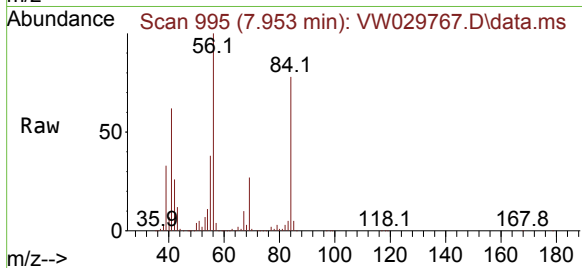
Tgt Ion: 56 Resp: 172952

Ion Ratio Lower Upper

56 100

69 28.5 23.0 34.4

84 79.7 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 25.645 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

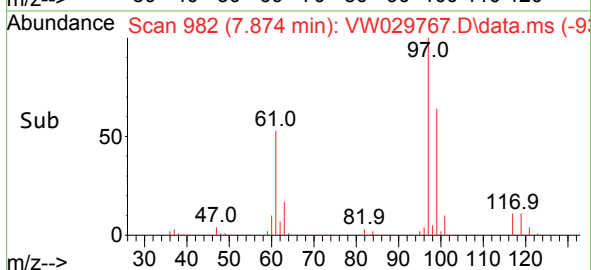
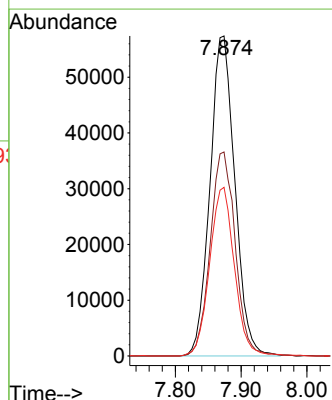
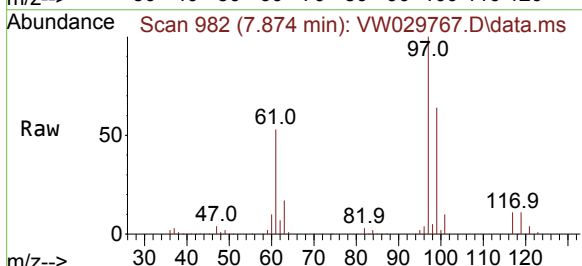
Tgt Ion: 97 Resp: 151108

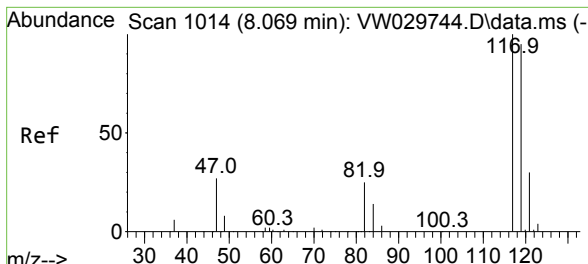
Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 52.5 42.6 63.8

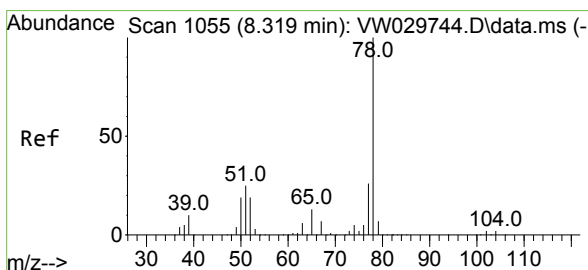
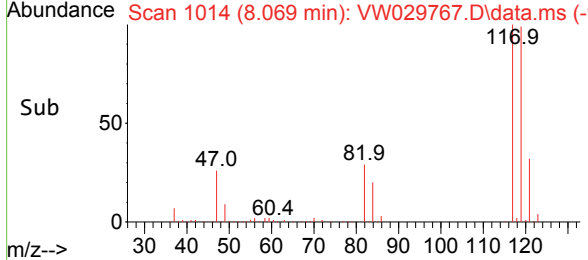
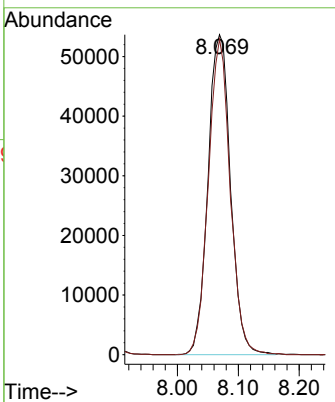
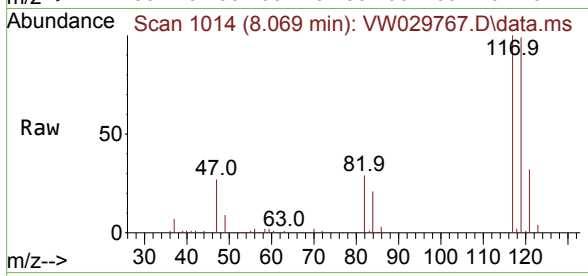




#31
 Carbon tetrachloride
 Concen: 26.052 ug/L
 RT: 8.069 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: VW029767.D
 Acq: 27 Jul 2024 08:06

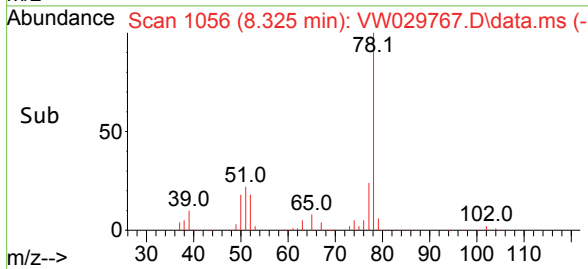
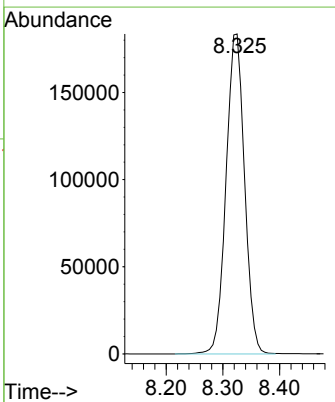
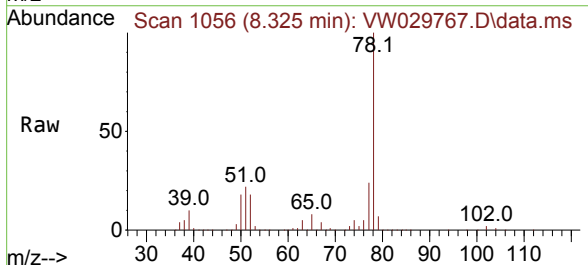
Instrument :
 MSVOA_W
 ClientSampleId :

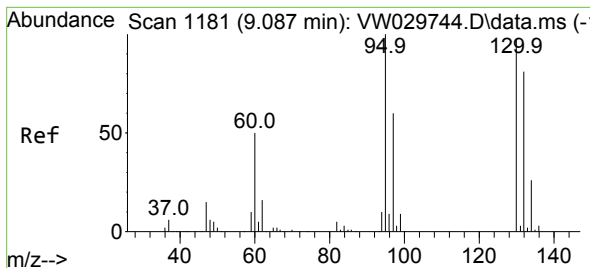
Tgt Ion:117 Resp: 138321
 Ion Ratio Lower Upper
 117 100
 119 95.6 74.8 112.2



#33
 Benzene
 Concen: 26.058 ug/L
 RT: 8.325 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VW029767.D
 Acq: 27 Jul 2024 08:06

Tgt Ion: 78 Resp: 415435





#34

Trichloroethene

Concen: 25.428 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

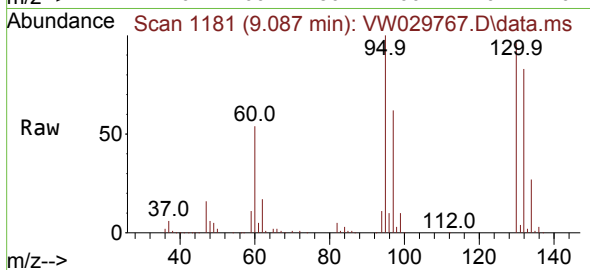
Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 106272

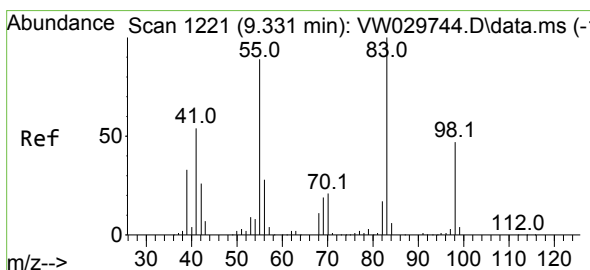
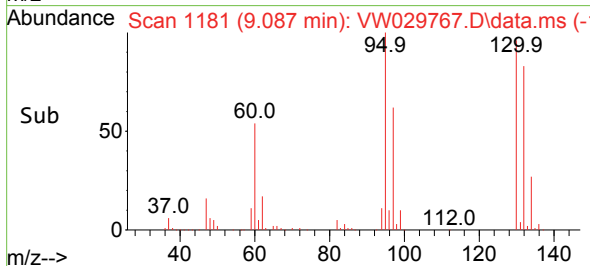
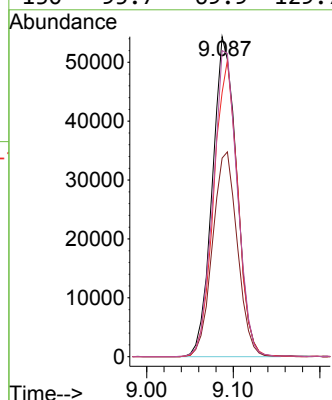
Ion Ratio Lower Upper

95 100

97 62.0 45.6 84.8

132 82.5 65.2 121.0

130 95.7 69.9 129.7



#35

Methylcyclohexane

Concen: 26.964 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

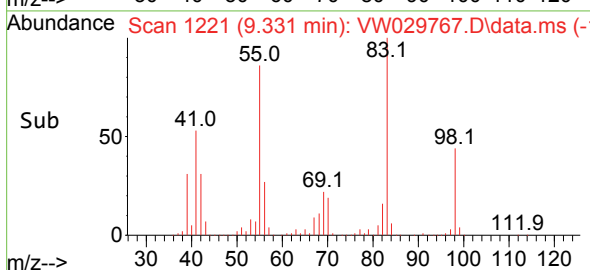
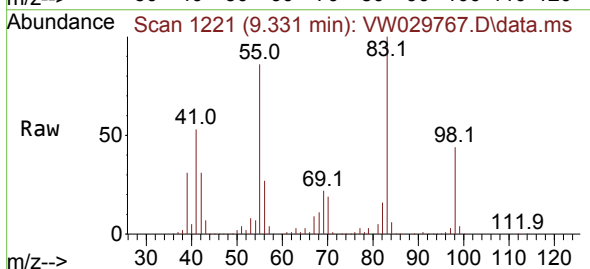
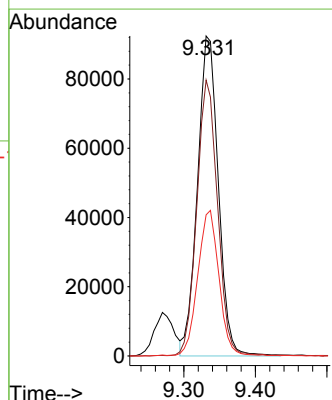
Tgt Ion: 83 Resp: 187782

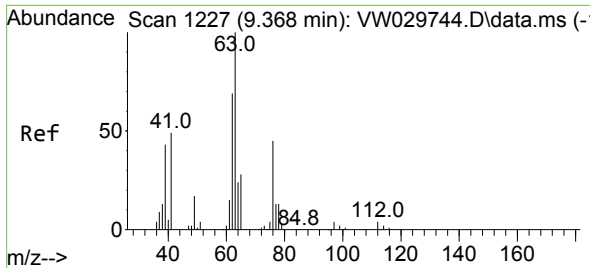
Ion Ratio Lower Upper

83 100

55 85.8 67.4 101.2

98 46.2 36.7 55.1

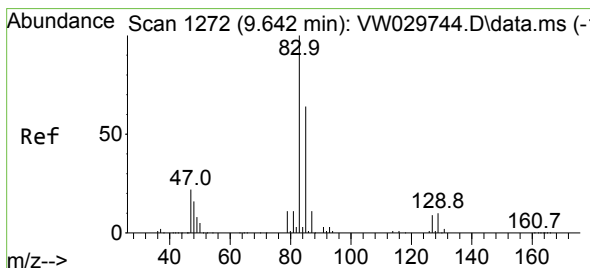
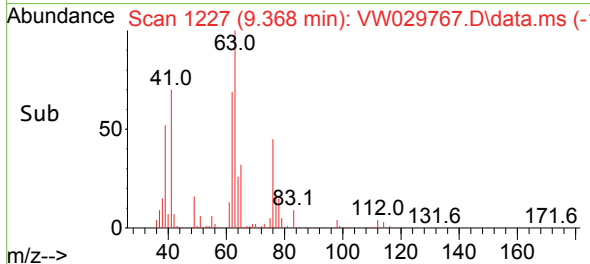
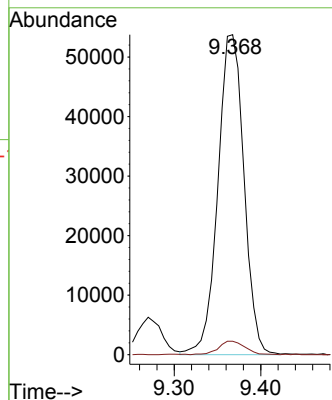
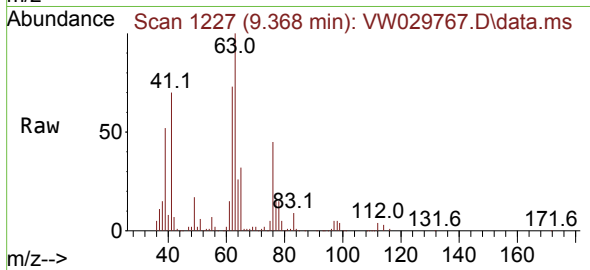




#37
1,2-Dichloropropane
Concen: 25.744 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

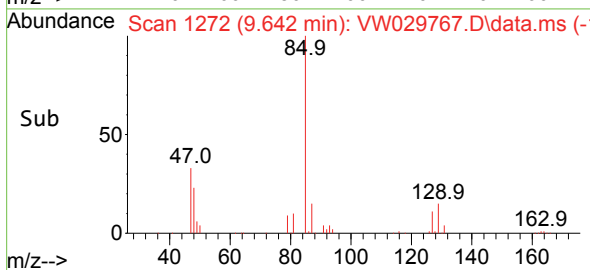
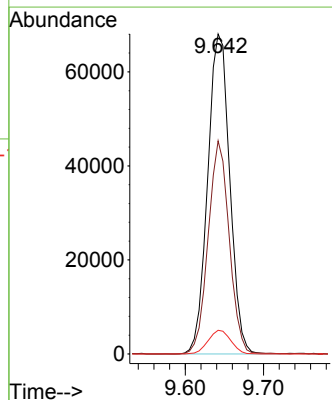
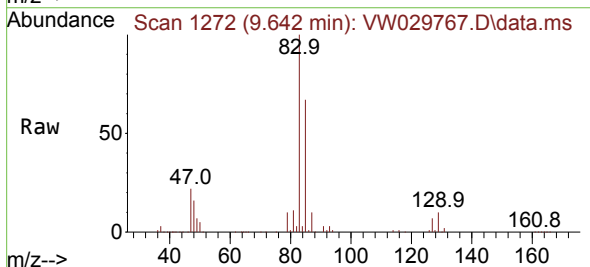
Instrument :
MSVOA_W
ClientSampleId :

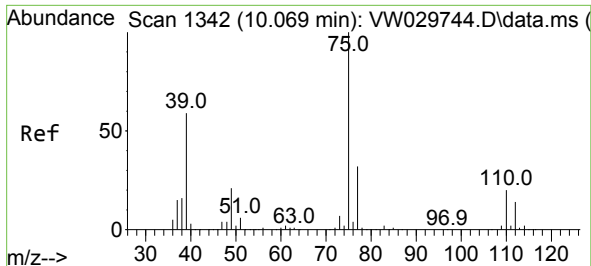
Tgt Ion: 63 Resp: 112472
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 25.614 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

Tgt Ion: 83 Resp: 133261
Ion Ratio Lower Upper
83 100
85 66.6 46.6 86.6
127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.745 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

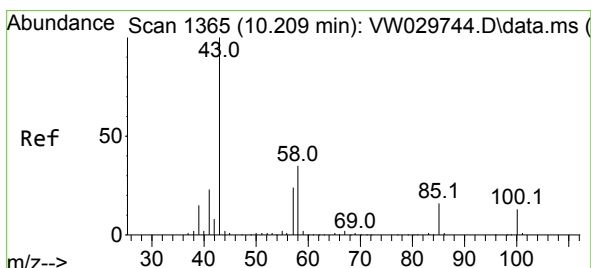
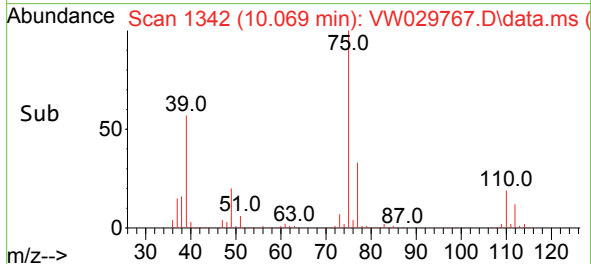
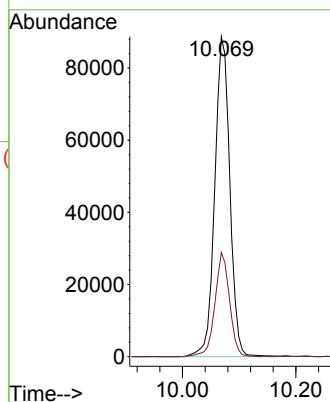
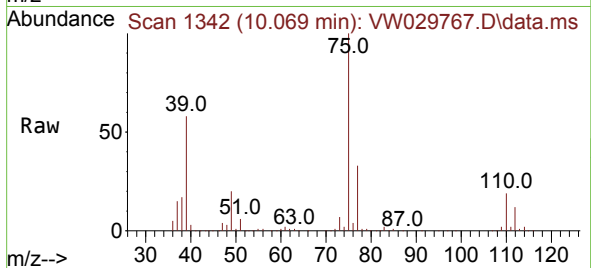
ClientSampleId :

Tgt Ion: 75 Resp: 163805

Ion Ratio Lower Upper

75 100

77 32.6 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 46.184 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

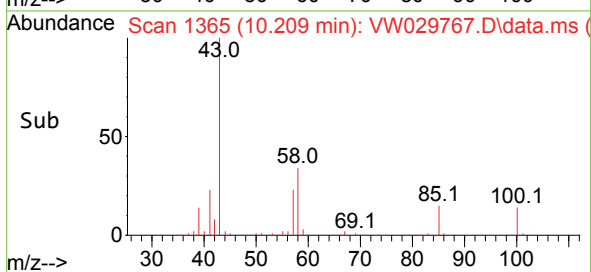
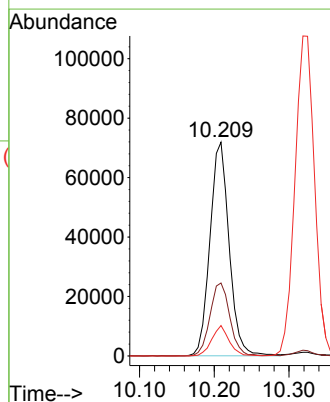
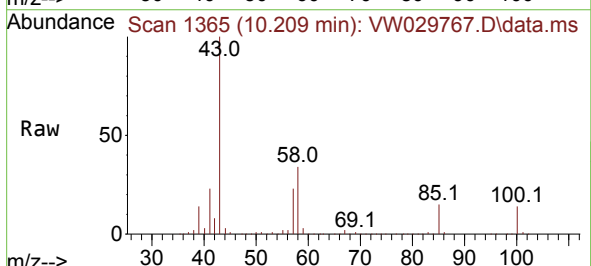
Tgt Ion: 43 Resp: 128163

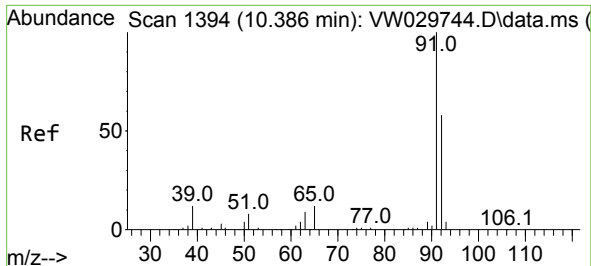
Ion Ratio Lower Upper

43 100

58 35.1 28.7 43.1

100 12.9 10.0 15.0





#42

Toluene

Concen: 26.389 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

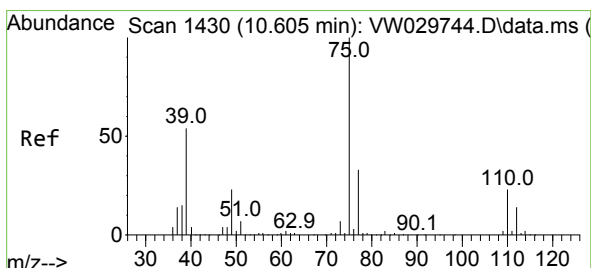
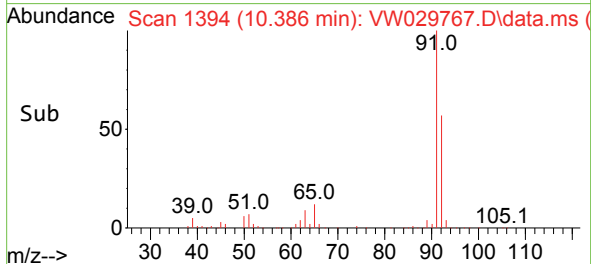
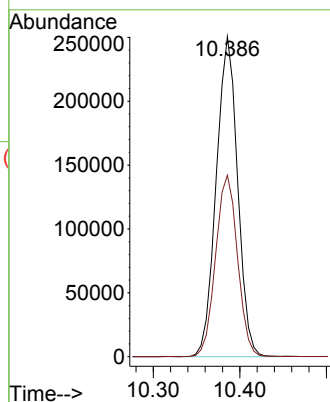
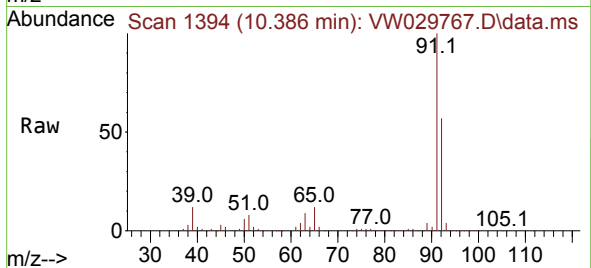
ClientSampleId :

Tgt Ion: 91 Resp: 429434

Ion Ratio Lower Upper

91 100

92 56.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.282 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029767.D

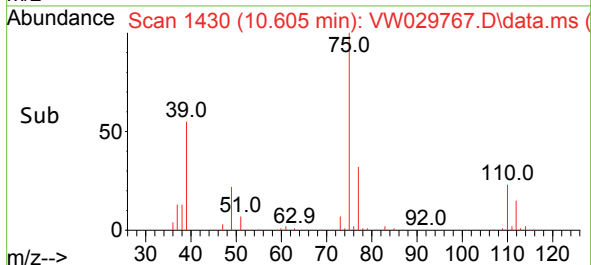
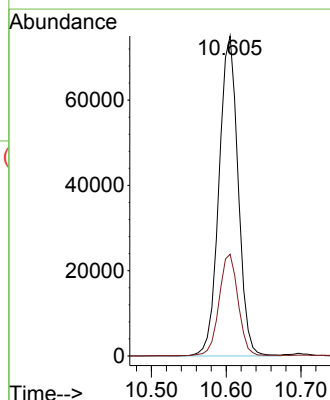
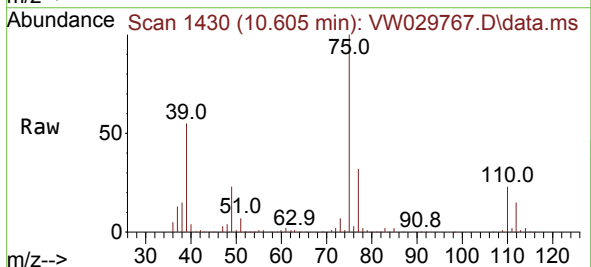
Acq: 27 Jul 2024 08:06

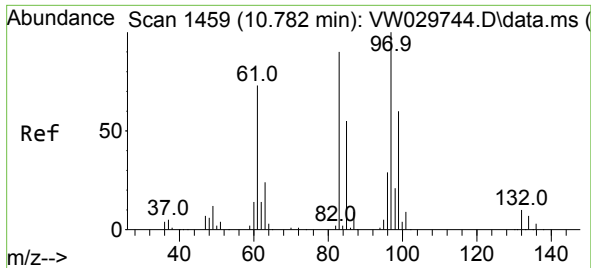
Tgt Ion: 75 Resp: 133536

Ion Ratio Lower Upper

75 100

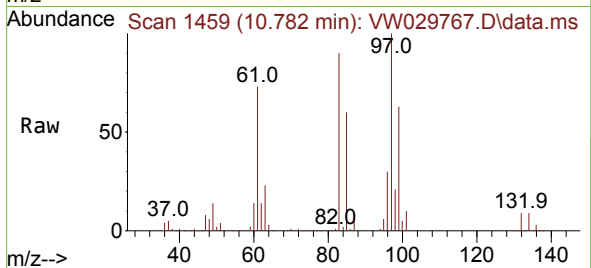
77 31.8 22.0 41.0



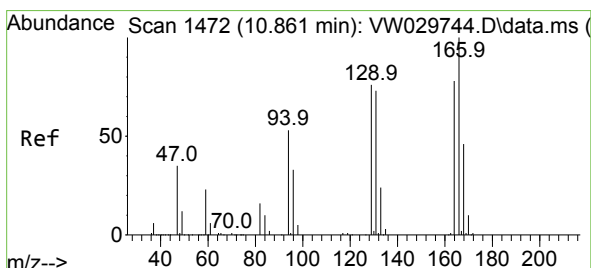
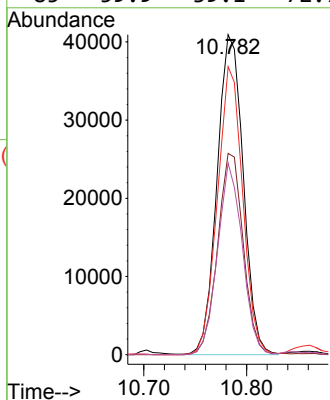
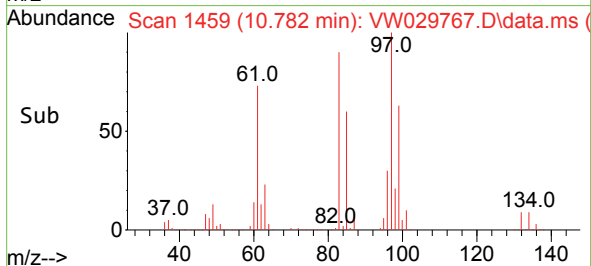


#45
1,1,2-Trichloroethane
Concen: 24.670 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

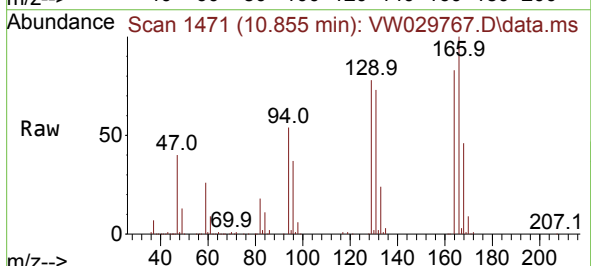
Instrument :
MSVOA_W
ClientSampleId :



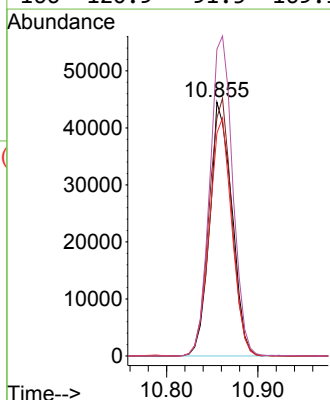
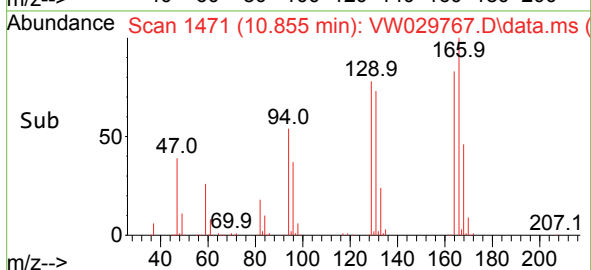
Tgt Ion: 97	Resp: 72407
Ion Ratio	Lower Upper
97 100	
99 62.9	40.1 74.5
83 90.0	58.5 108.7
85 59.9	39.1 72.7

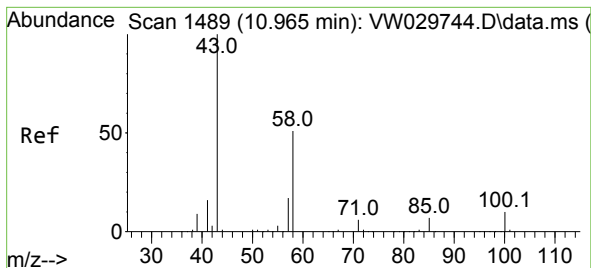


#46
Tetrachloroethene
Concen: 24.746 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06



Tgt	Ion:164	Resp:	75170
Ion	Ratio	Lower	Upper
164	100		
129	93.7	77.8	144.6
131	87.8	70.9	131.7
166	120.9	91.5	169.9





#48

2-Hexanone

Concen: 50.293 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

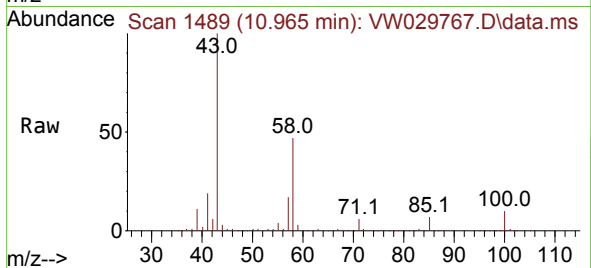
Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 104528

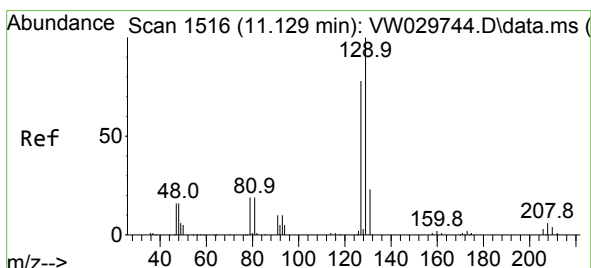
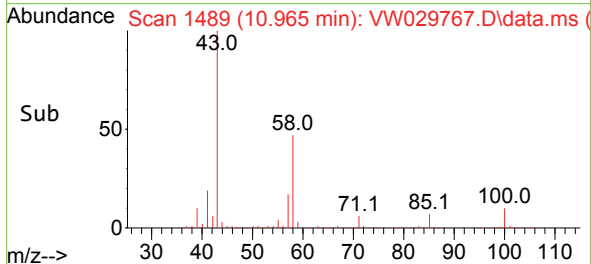
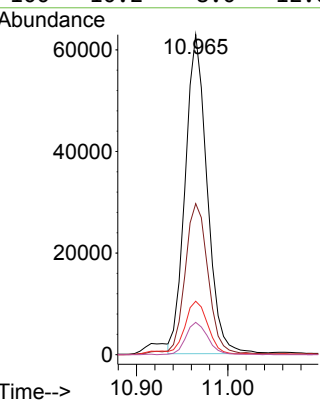
Ion Ratio Lower Upper

43 100

58 50.0 41.0 61.4

57 17.6 14.1 21.1

100 10.2 8.0 12.0



#49

Dibromochloromethane

Concen: 25.919 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW029767.D

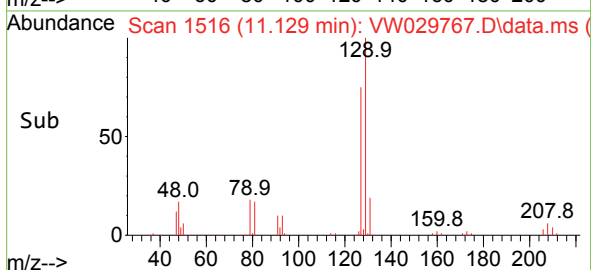
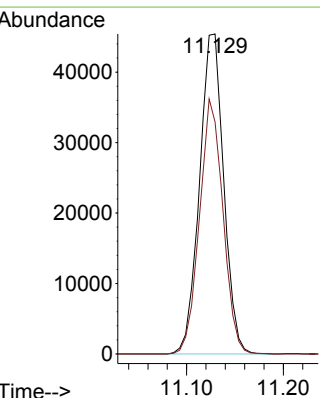
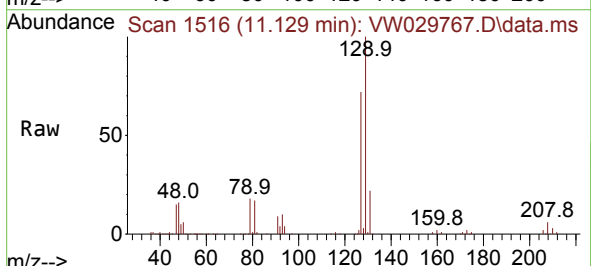
Acq: 27 Jul 2024 08:06

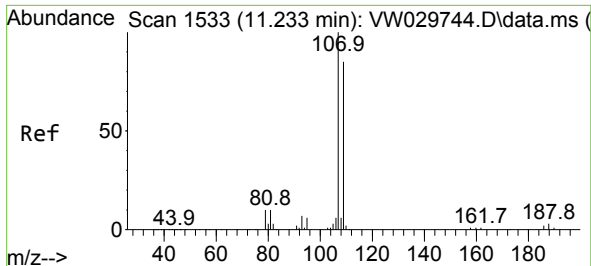
Tgt Ion: 129 Resp: 78972

Ion Ratio Lower Upper

129 100

127 72.5 52.4 97.2





#50

1,2-Dibromoethane

Concen: 23.643 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029767.D

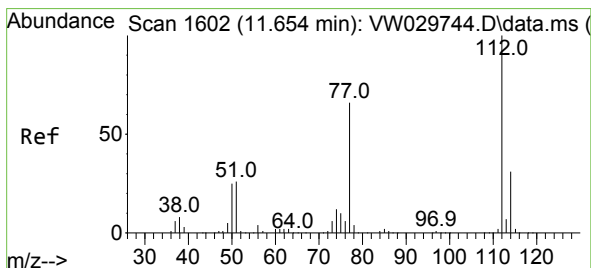
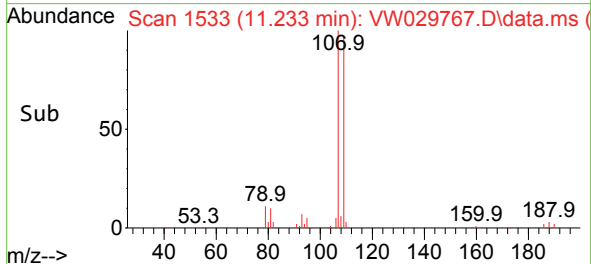
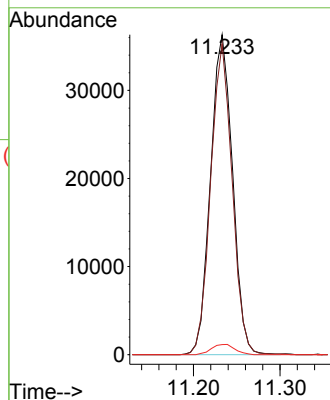
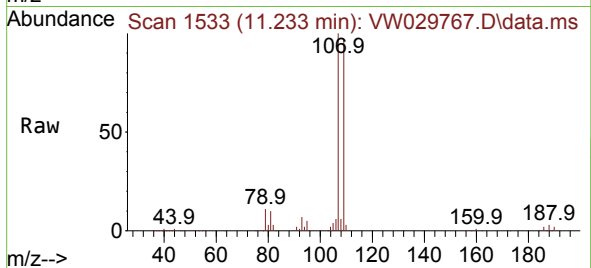
Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	64208
Ion Ratio	Lower	Upper
107	100	
109	97.2	64.8 120.3
188	3.1	2.7 4.1



#51

Chlorobenzene

Concen: 25.560 ug/L

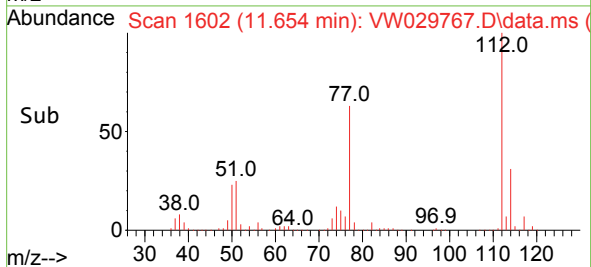
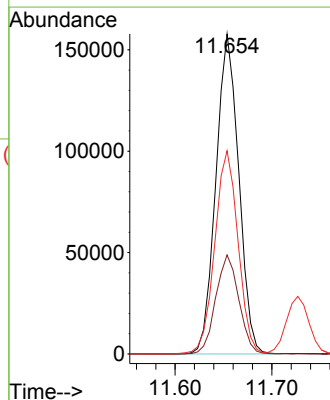
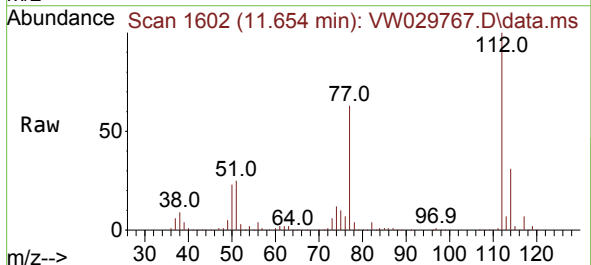
RT: 11.654 min Scan# 1602

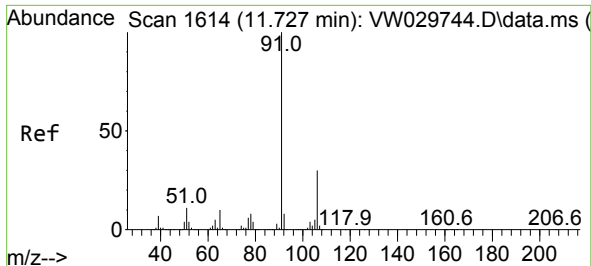
Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Tgt Ion:112	Resp:	258721
Ion Ratio	Lower	Upper
112	100	
114	31.0	22.0 40.8
77	63.5	53.8 80.8

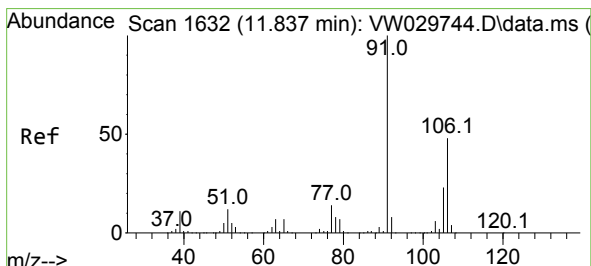
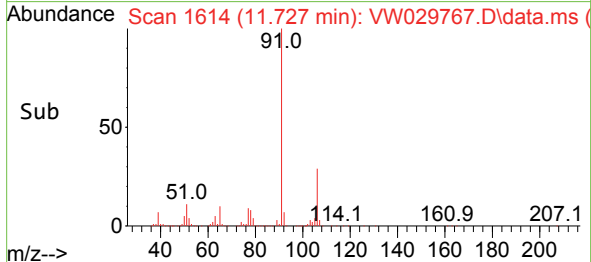
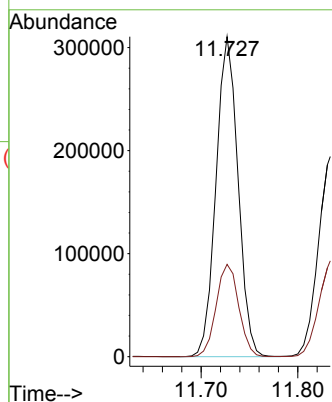
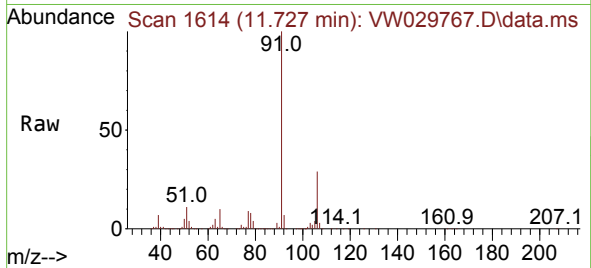




#52
Ethylbenzene
Concen: 26.682 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

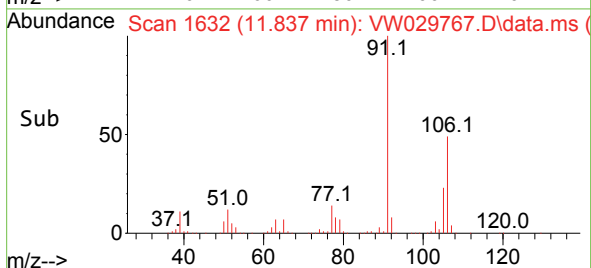
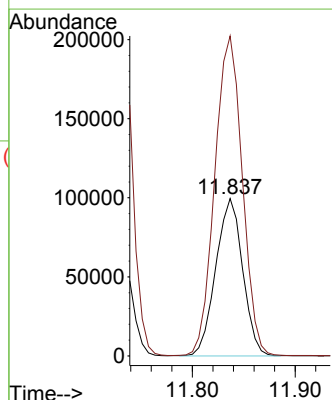
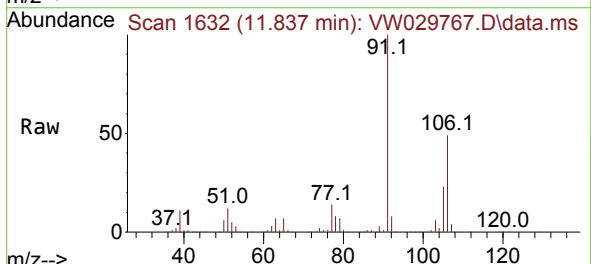
Instrument :
MSVOA_W
ClientSampleId :

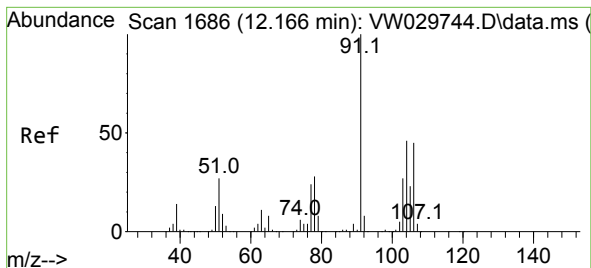
Tgt Ion: 91 Resp: 489785
Ion Ratio Lower Upper
91 100
106 28.9 20.4 38.0



#53
m,p-Xylene
Concen: 26.801 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029767.D
Acq: 27 Jul 2024 08:06

Tgt Ion:106 Resp: 180933
Ion Ratio Lower Upper
106 100
91 203.2 151.4 281.2





#54

o-Xylene

Concen: 26.951 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

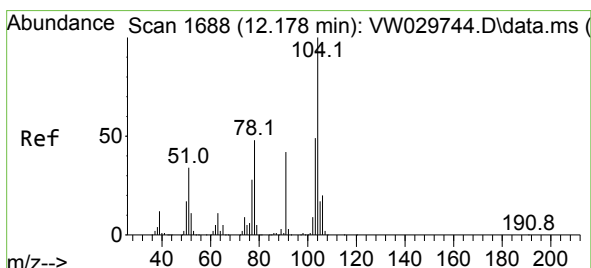
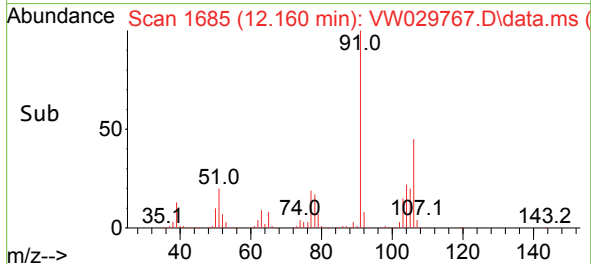
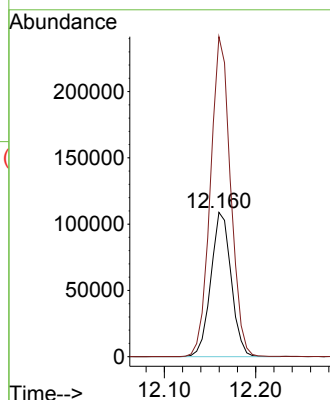
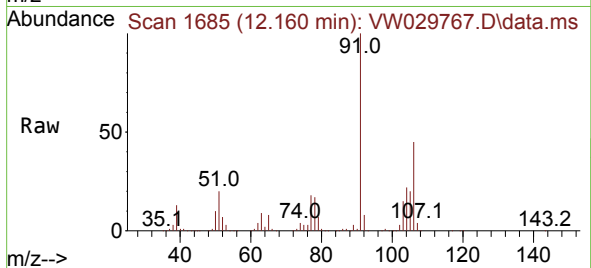
ClientSampleId :

Tgt Ion:106 Resp: 167551

Ion Ratio Lower Upper

106 100

91 221.8 155.8 289.4



#55

Styrene

Concen: 26.942 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029767.D

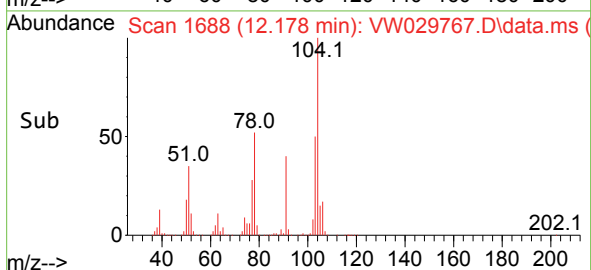
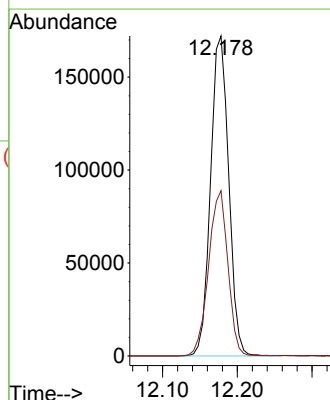
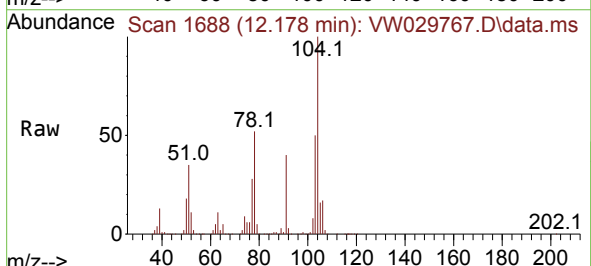
Acq: 27 Jul 2024 08:06

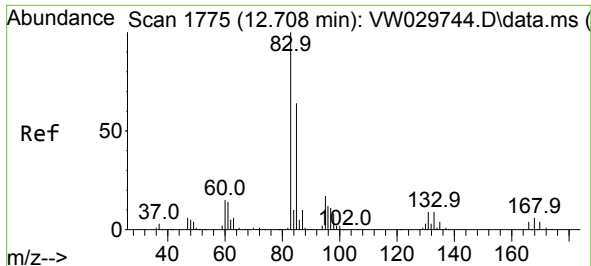
Tgt Ion:104 Resp: 290327

Ion Ratio Lower Upper

104 100

78 51.6 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.260 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029767.D

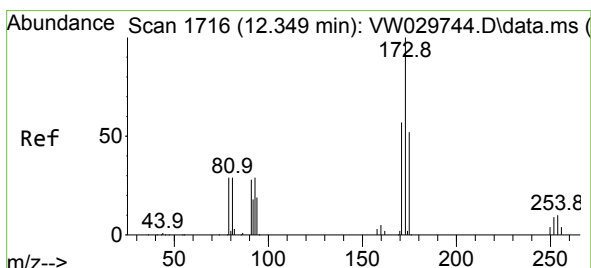
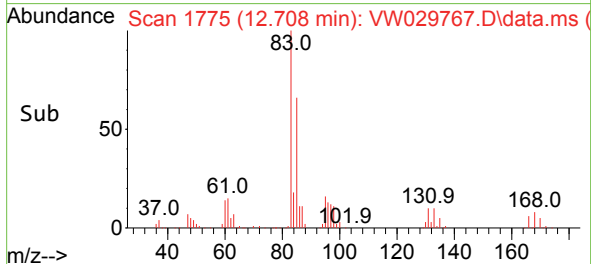
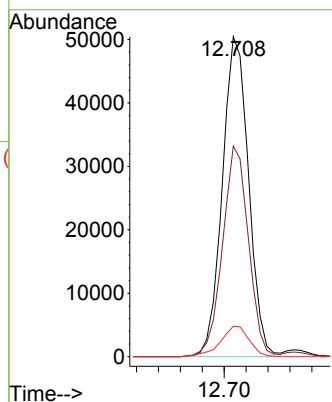
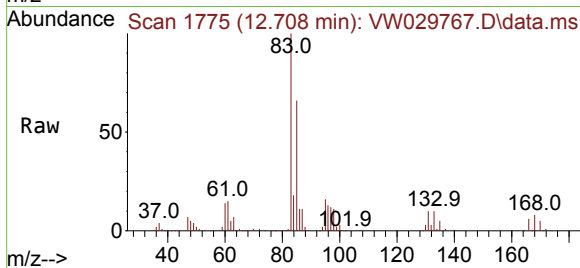
Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	83791
Ion Ratio	Lower	Upper	
83	100		
85	65.8	44.2	82.0
131	9.5	6.2	9.2#



#59

Bromoform

Concen: 25.236 ug/L

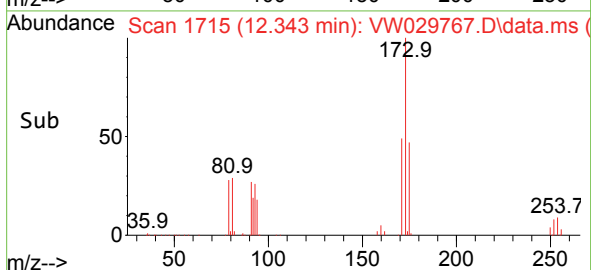
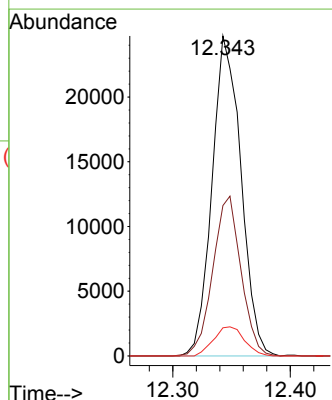
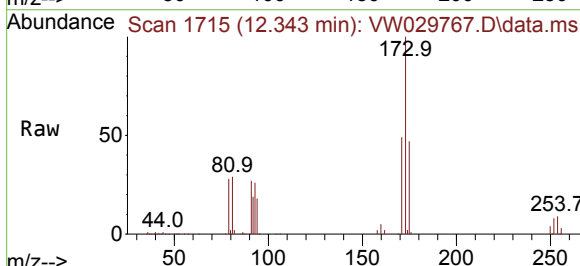
RT: 12.343 min Scan# 1715

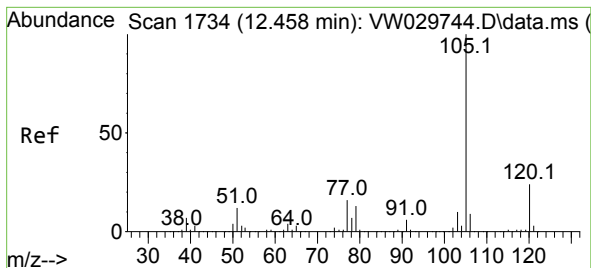
Delta R.T. -0.006 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Tgt Ion:	173	Resp:	42240
Ion Ratio	Lower	Upper	
173	100		
175	48.7	38.1	57.1
254	9.7	7.8	11.6





#60

Isopropylbenzene

Concen: 27.288 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

ClientSampleId :

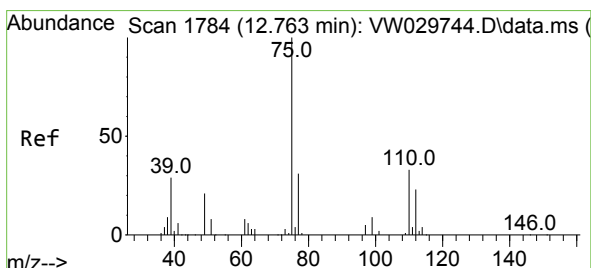
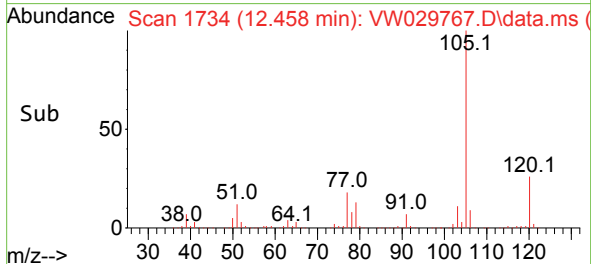
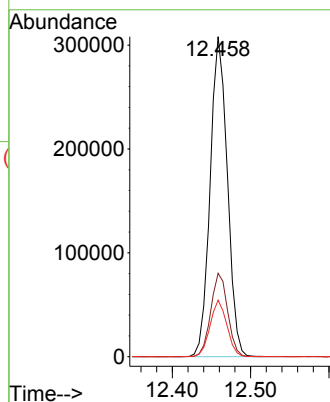
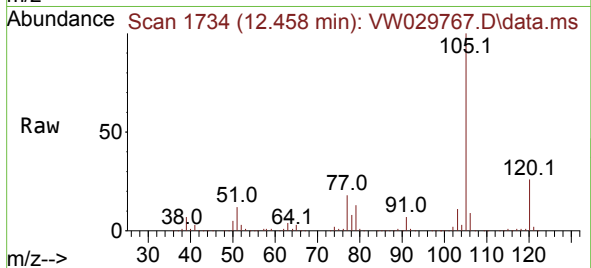
Tgt Ion:105 Resp: 469704

Ion Ratio Lower Upper

105 100

120 25.6 20.3 30.5

77 17.3 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 22.859 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

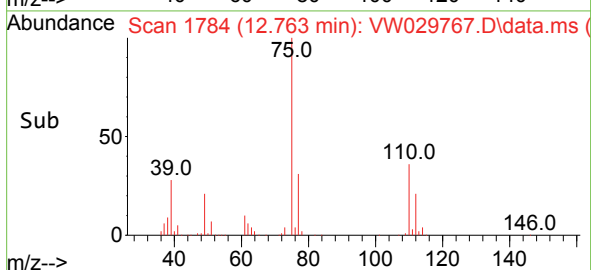
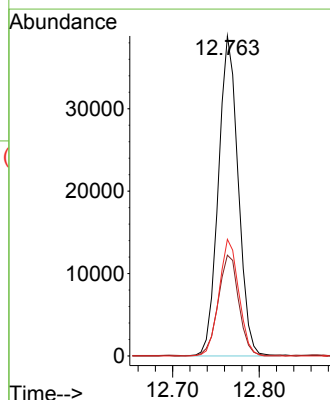
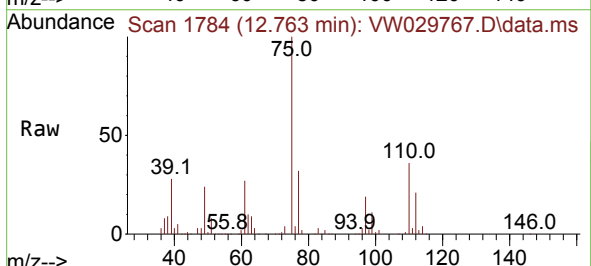
Tgt Ion: 75 Resp: 61845

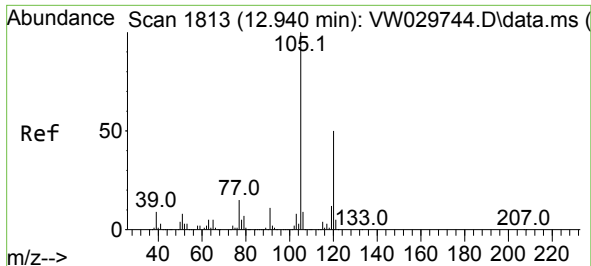
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

110 36.3 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 29.794 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

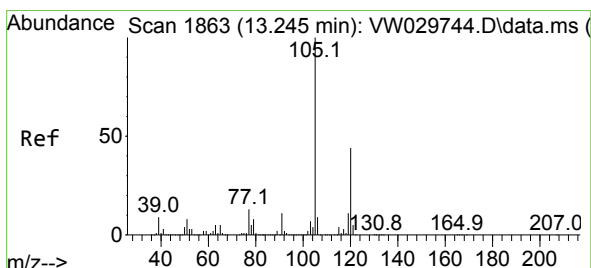
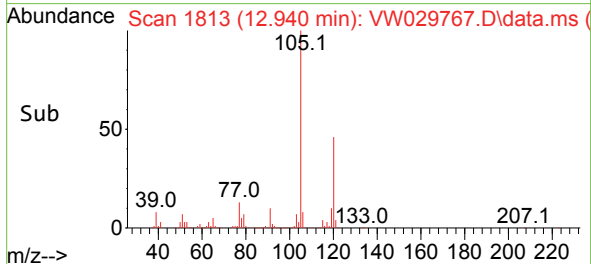
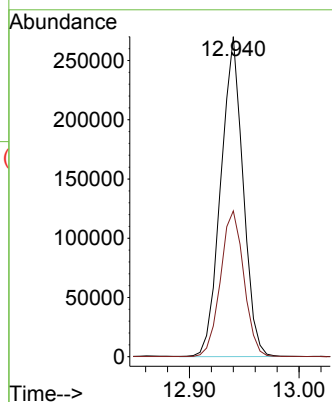
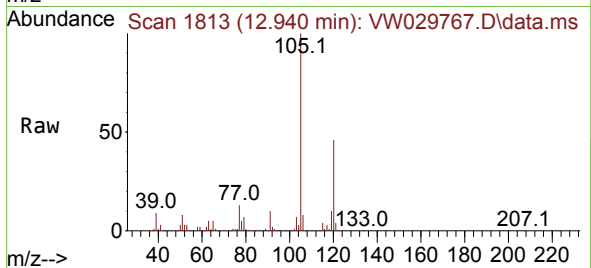
ClientSampleId :

Tgt Ion:105 Resp: 381191

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 27.362 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029767.D

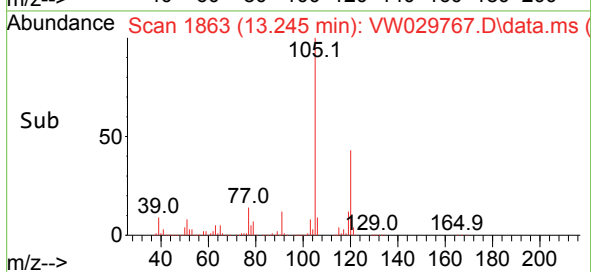
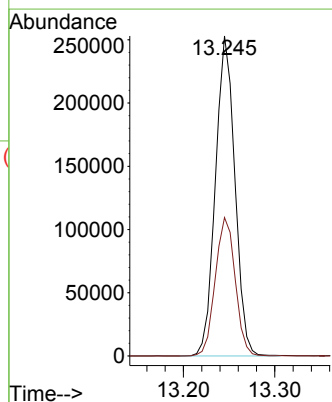
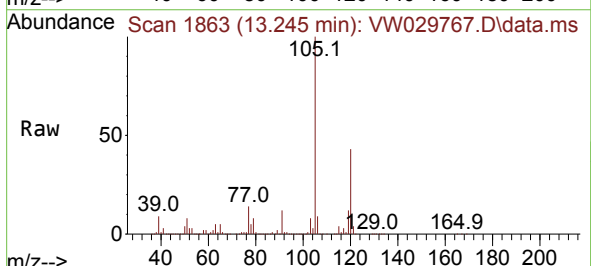
Acq: 27 Jul 2024 08:06

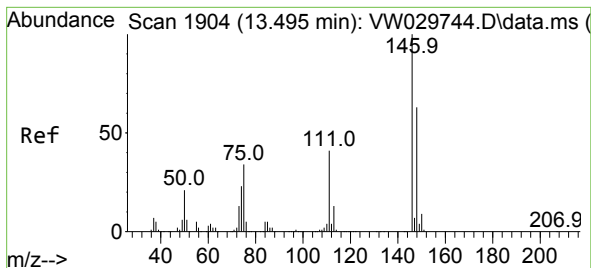
Tgt Ion:105 Resp: 374391

Ion Ratio Lower Upper

105 100

120 44.3 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 25.709 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

ClientSampleId :

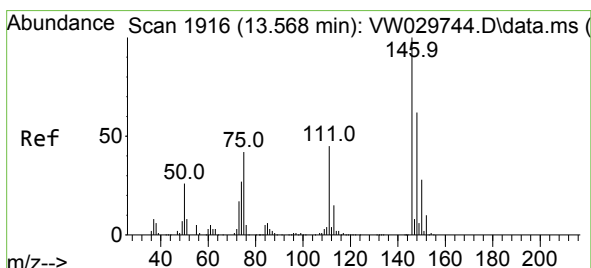
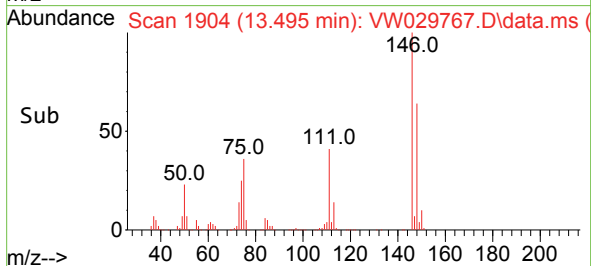
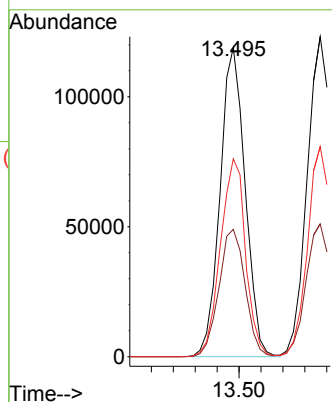
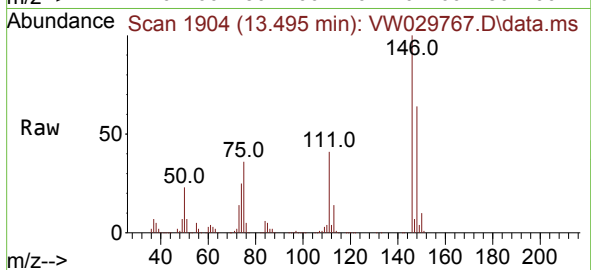
Tgt Ion:146 Resp: 188805

Ion Ratio Lower Upper

146 100

111 41.2 28.7 53.3

148 64.0 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 26.137 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.006 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

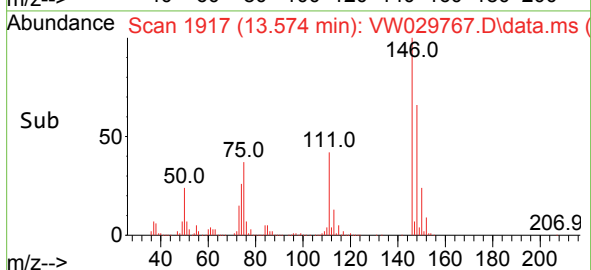
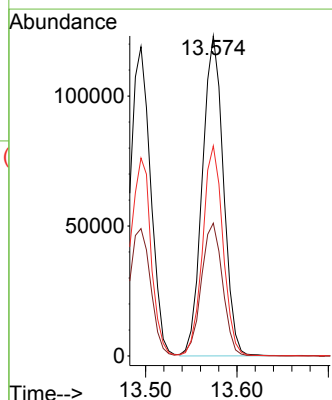
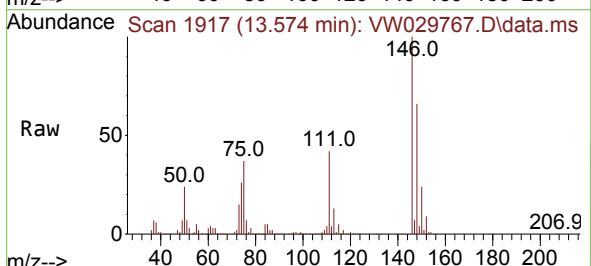
Tgt Ion:146 Resp: 197171

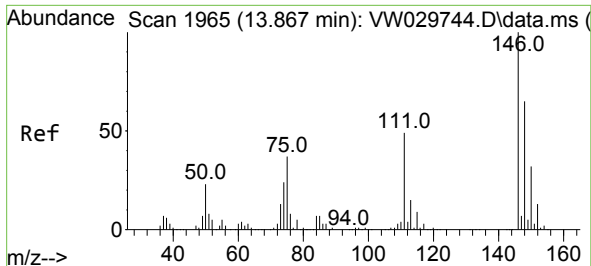
Ion Ratio Lower Upper

146 100

111 41.5 30.1 55.9

148 65.7 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 25.048 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

ClientSampleId :

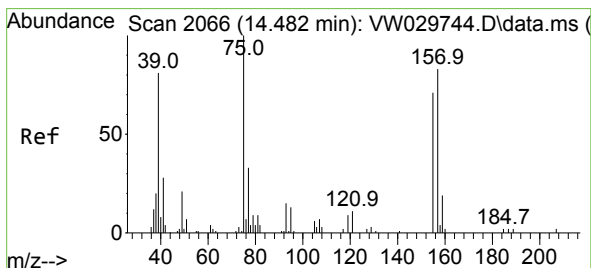
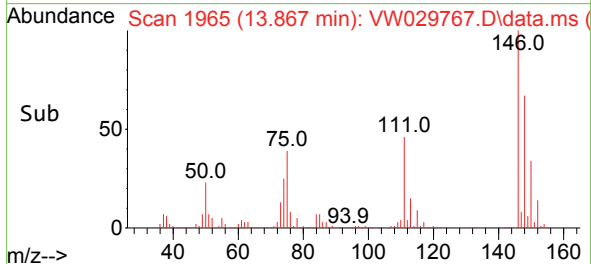
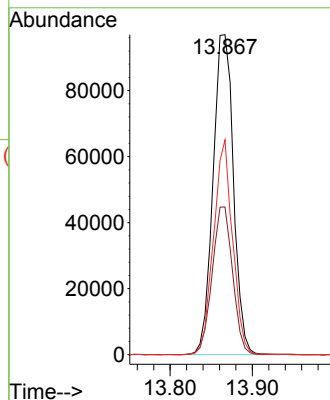
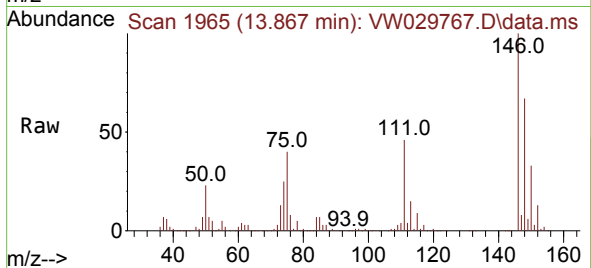
Tgt Ion:146 Resp: 167474

Ion Ratio Lower Upper

146 100

111 46.1 35.8 53.8

148 67.2 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 21.568 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

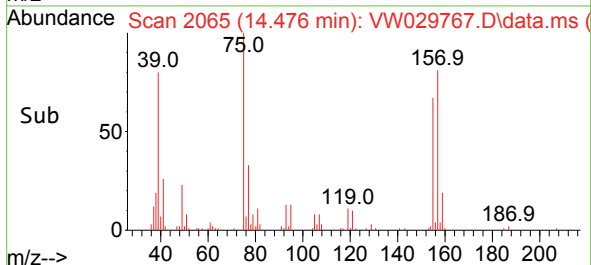
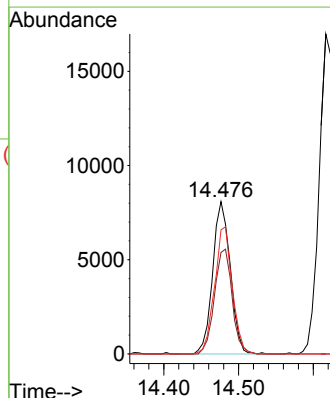
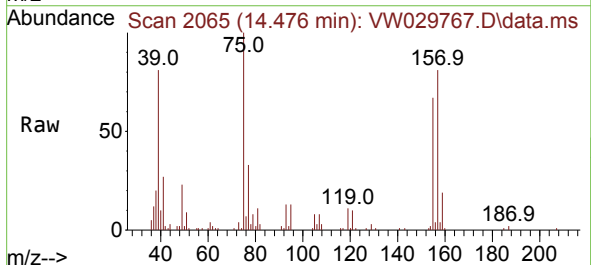
Tgt Ion: 75 Resp: 13249

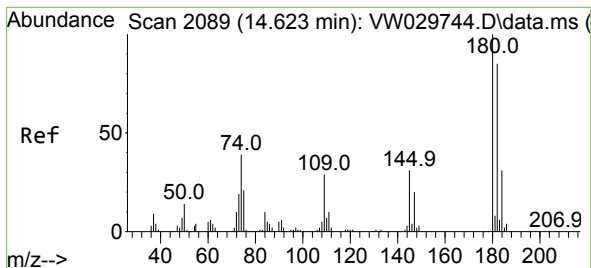
Ion Ratio Lower Upper

75 100

155 66.6 47.8 71.6

157 81.4 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 25.331 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

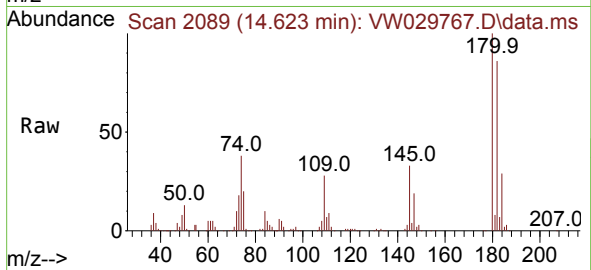
Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 127281

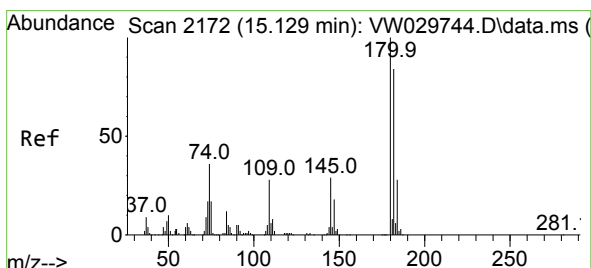
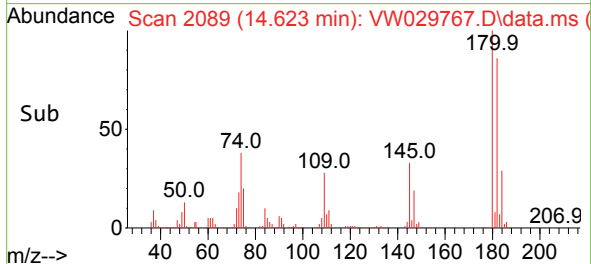
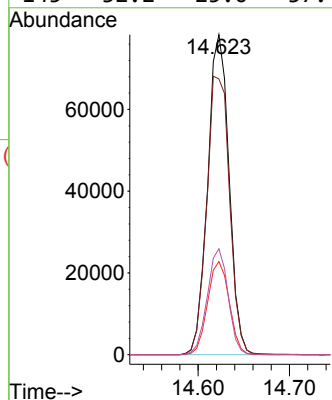
Ion Ratio Lower Upper

180 100

182 93.0 72.7 109.1

184 29.4 23.3 34.9

145 32.2 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.172 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

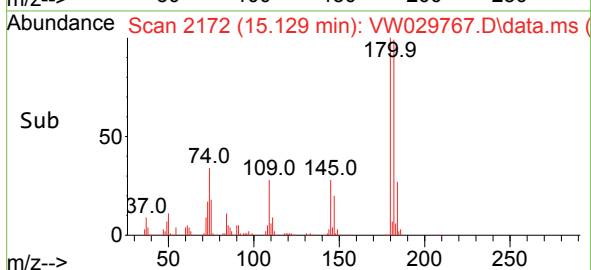
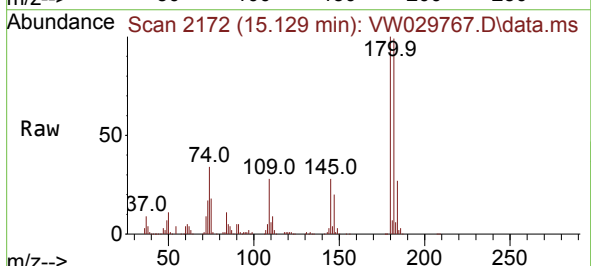
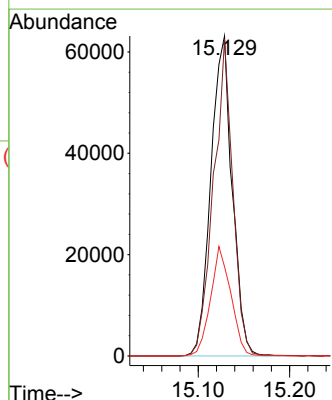
Tgt Ion:180 Resp: 102325

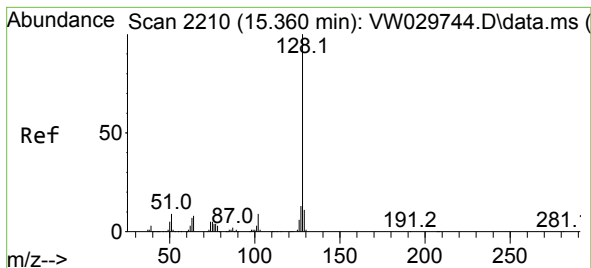
Ion Ratio Lower Upper

180 100

182 89.9 80.2 120.4

145 32.6 26.3 39.5





#71

Naphthalene

Concen: 23.886 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Instrument :

MSVOA_W

ClientSampleId :

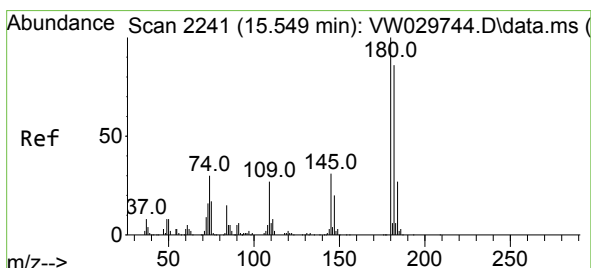
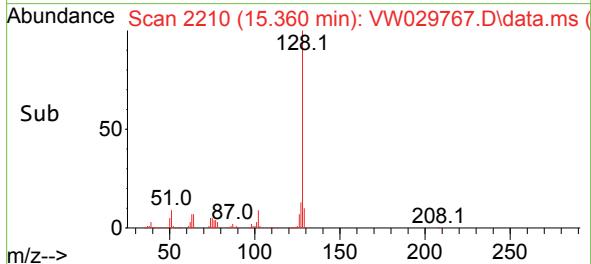
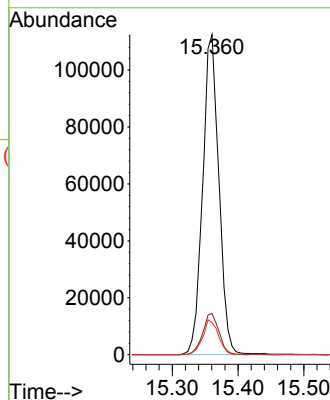
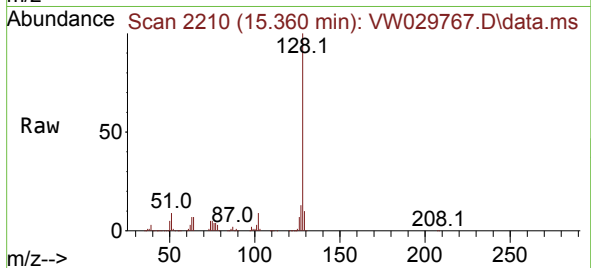
Tgt Ion:128 Resp: 192933

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.6 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 23.574 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029767.D

Acq: 27 Jul 2024 08:06

Tgt Ion:180 Resp: 90323

Ion Ratio Lower Upper

180 100

182 94.5 74.0 111.0

145 33.7 27.5 41.3

