

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042224\
 Data File : VW028499.D
 Acq On : 22 Apr 2024 09:37
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 23 02:39:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 19 21:45:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	301467	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	275900	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140061	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	100589	20.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.905	69	85371	23.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.240%
11) 1,1-Dichloroethene-d2	4.021	65	45071	22.022	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.080%
21) 2-Butanone-d5	7.087	46	48811	53.972	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.940%
24) Chloroform-d	7.648	84	209406	26.620	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.480%
26) 1,2-Dichloroethane-d4	8.306	65	110953	27.140	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.560%
32) Benzene-d6	8.276	84	388120	25.751	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	9.270	67	119829	26.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.000%
41) Toluene-d8	10.318	98	349040	25.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.880%
43) trans-1,3-Dichloroprop...	10.580	79	45811	25.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.880%
47) 2-Hexanone-d5	10.922	63	33322	53.695	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89528	28.323	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	117505	26.528	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	100180	24.707	ug/L	98
3) Chloromethane	2.228	50	120076	25.223	ug/L	98
5) Vinyl chloride	2.375	62	147251	25.974	ug/L	98
6) Bromomethane	2.795	94	90243	25.478	ug/L	99
8) Chloroethane	2.936	64	88962	26.031	ug/L	97
9) Trichlorofluoromethane	3.277	101	123615	27.332	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	113552	26.687	ug/L	98
12) 1,1-Dichloroethene	4.051	96	107783	26.979	ug/L #	81
13) Acetone	4.137	43	57162	51.476	ug/L	100
14) Carbon disulfide	4.393	76	335543	25.510	ug/L	100
15) Methyl Acetate	4.679	43	45267	25.335	ug/L	100
16) Methylene chloride	4.917	84	114608	25.124	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	110853	26.341	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	156523	26.441	ug/L	99
19) 1,1-Dichloroethane	6.222	63	221758	27.046	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	118811	26.600	ug/L	97
22) 2-Butanone	7.173	43	65764	48.800	ug/L	98
23) Bromochloromethane	7.514	128	50510	26.254	ug/L	89
25) Chloroform	7.679	83	222672	27.646	ug/L	93

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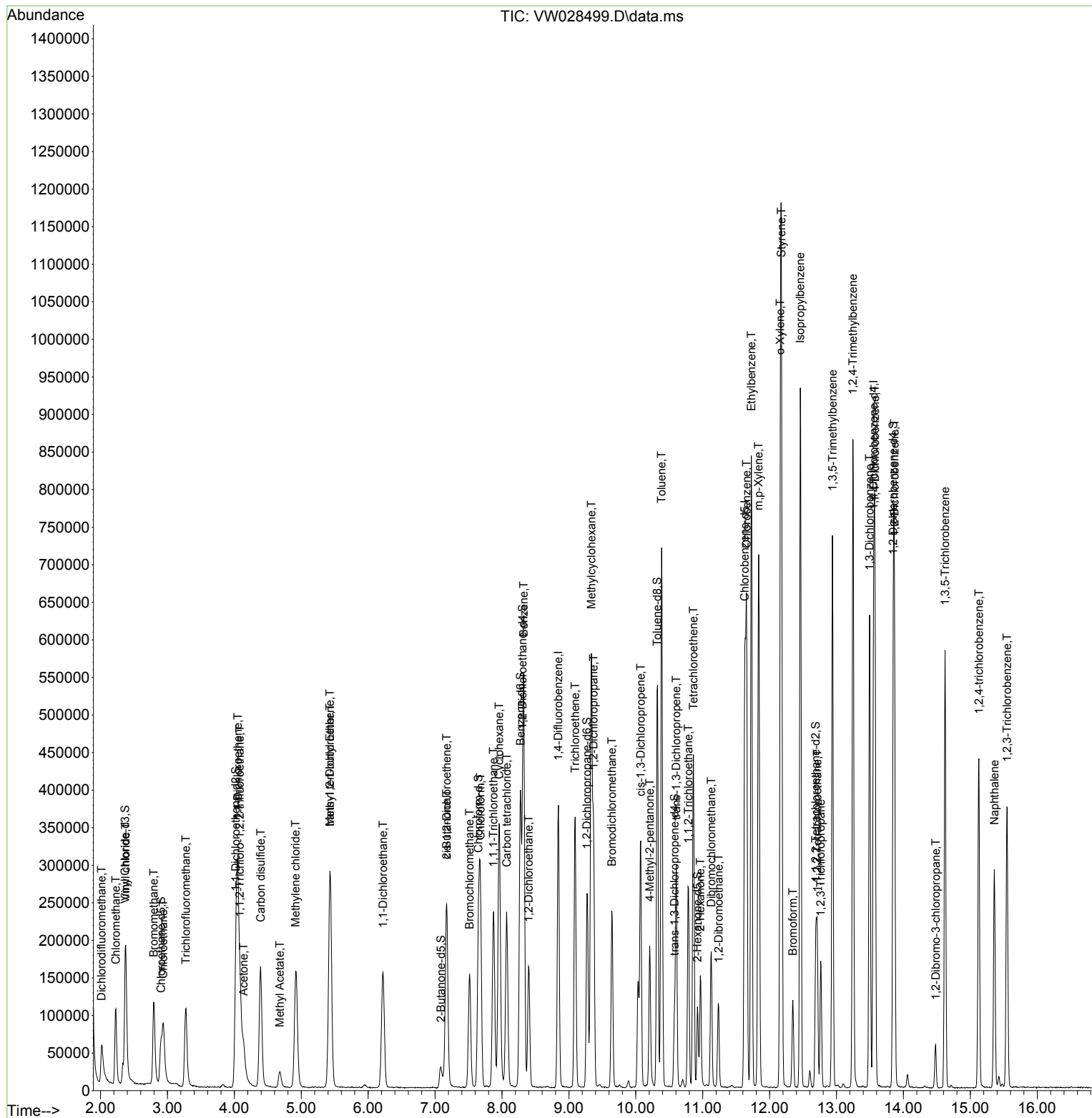
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	150282	27.033	ug/L	97
29) Cyclohexane	7.959	56	201095	27.594	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	183803	27.469	ug/L	99
31) Carbon tetrachloride	8.069	117	169679	28.596	ug/L	97
33) Benzene	8.325	78	466832	27.063	ug/L	100
34) Trichloroethene	9.093	95	124977	26.734	ug/L	97
35) Methylcyclohexane	9.337	83	217621	27.280	ug/L	100
37) 1,2-Dichloropropane	9.367	63	121426	27.007	ug/L	99
38) Bromodichloromethane	9.642	83	153557	27.555	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	183655	27.855	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	126586	56.243	ug/L	99
42) Toluene	10.385	91	503153	27.533	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	149486	28.026	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	82048	26.974	ug/L	95
46) Tetrachloroethene	10.861	164	91752	26.276	ug/L	87
48) 2-Hexanone	10.965	43	96394	53.956	ug/L	97
49) Dibromochloromethane	11.129	129	92048	28.313	ug/L	96
50) 1,2-Dibromoethane	11.239	107	74907	26.981	ug/L #	99
51) Chlorobenzene	11.653	112	306538	26.986	ug/L	97
52) Ethylbenzene	11.727	91	571476	27.586	ug/L	100
53) m,p-Xylene	11.836	106	217338	28.212	ug/L	88
54) o-Xylene	12.159	106	199211	27.772	ug/L	95
55) Styrene	12.178	104	350510	28.711	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	93273	27.096	ug/L	99
59) Bromoform	12.348	173	49108	26.562	ug/L	98
60) Isopropylbenzene	12.458	105	578619	27.557	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67758	26.461	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	369439	27.605	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	451158	28.011	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	240486	26.992	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	241930	26.694	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	218030	27.821	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	14201	24.201	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	161786	26.389	ug/L	100
70) 1,2,4-trichlorobenzene	15.128	180	127416	26.613	ug/L	93
71) Naphthalene	15.360	128	235677	27.814	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	113504	26.716	ug/L	96

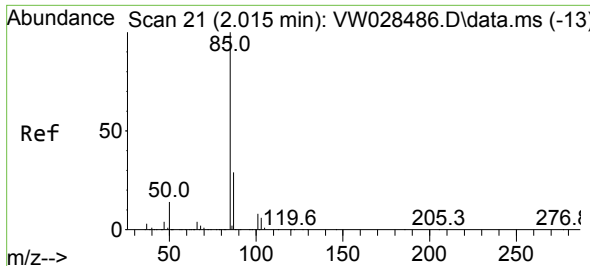
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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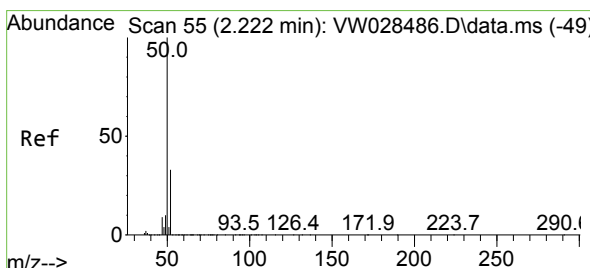
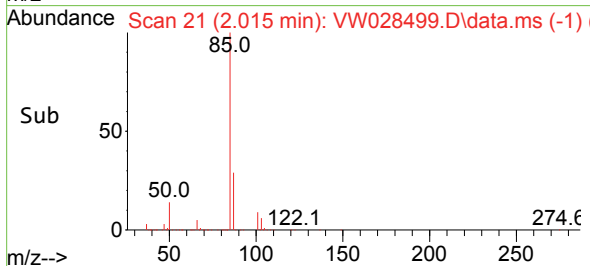
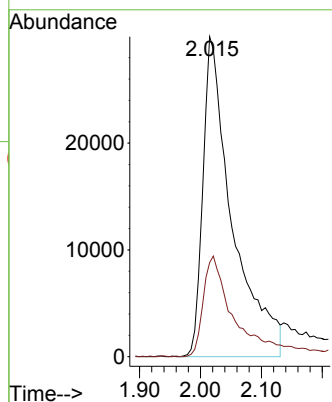
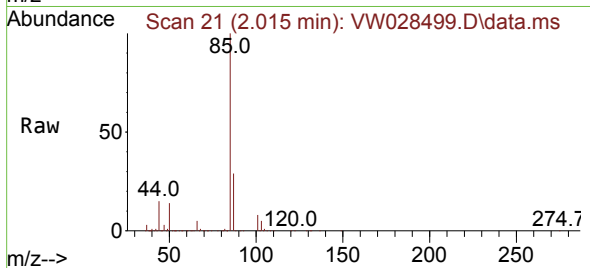




#2
 Dichlorodifluoromethane
 Concen: 24.707 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028499.D
 Acq: 22 Apr 2024 09:37

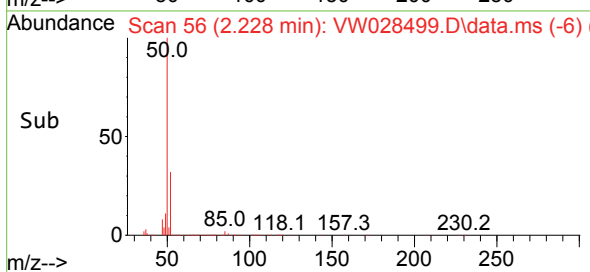
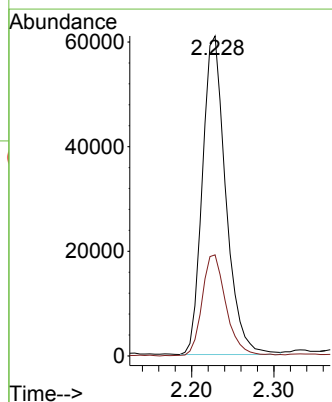
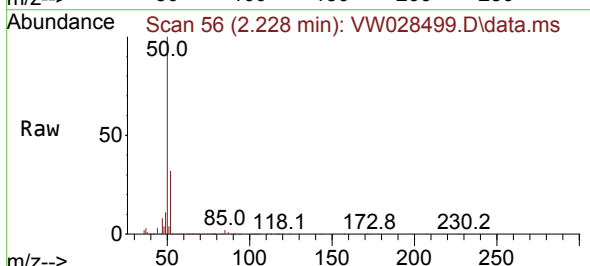
Instrument :
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 ClientSampleId :

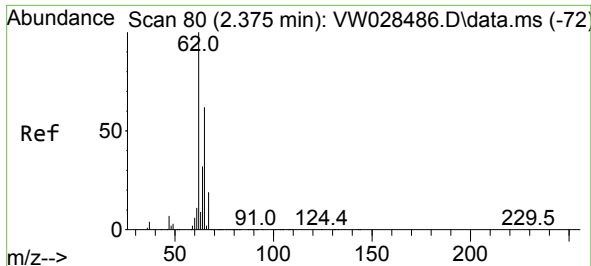
Tgt Ion: 85 Resp: 100180
 Ion Ratio Lower Upper
 85 100
 87 30.0 23.4 35.0



#3
 Chloromethane
 Concen: 25.223 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028499.D
 Acq: 22 Apr 2024 09:37

Tgt Ion: 50 Resp: 120076
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.0 42.6

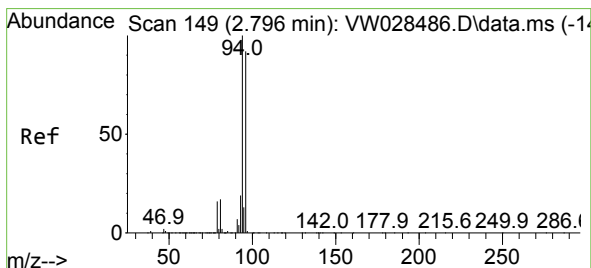
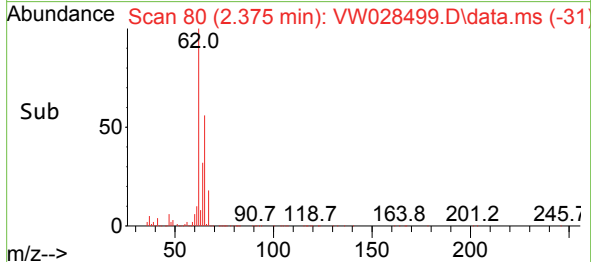
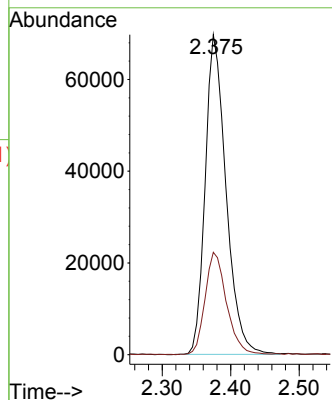
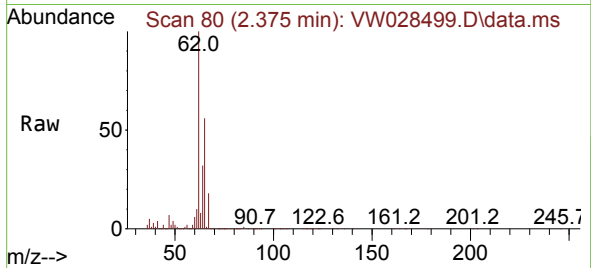




#5
 Vinyl chloride
 Concen: 25.974 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028499.D
 Acq: 22 Apr 2024 09:37

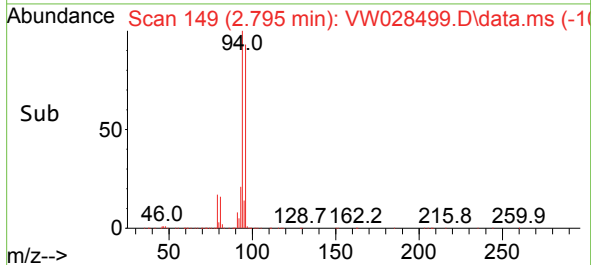
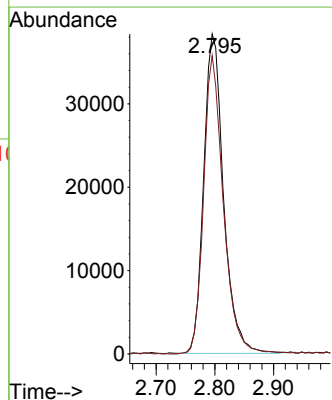
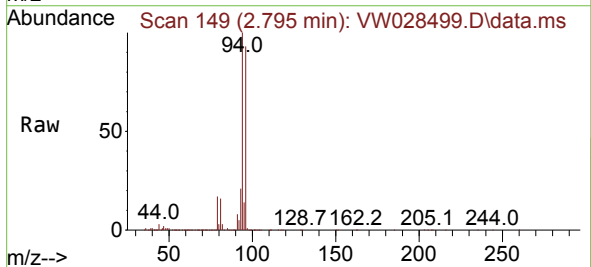
Instrument :
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 ClientSampleId :

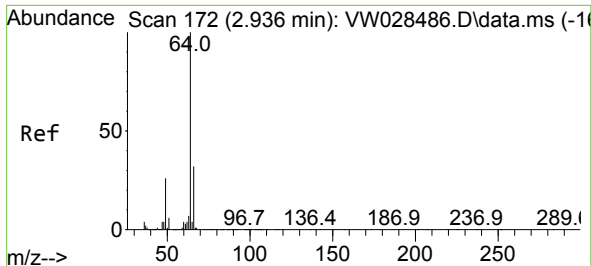
Tgt Ion: 62 Resp: 147251
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.1 42.9



#6
 Bromomethane
 Concen: 25.478 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW028499.D
 Acq: 22 Apr 2024 09:37

Tgt Ion: 94 Resp: 90243
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.3 119.5

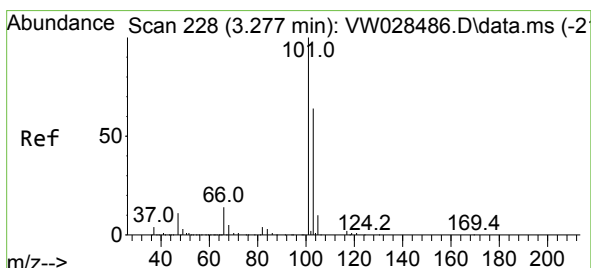
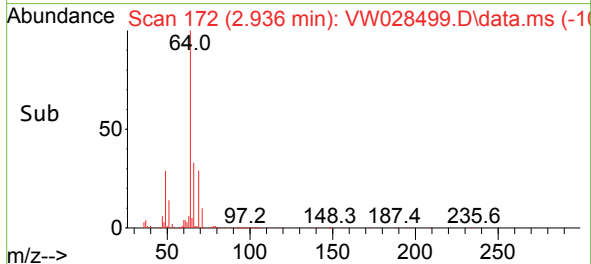
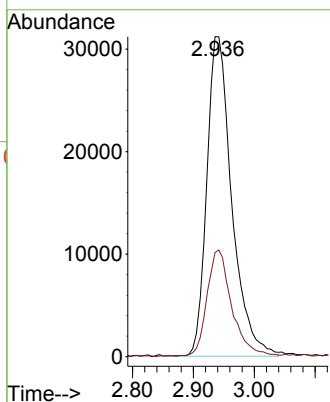
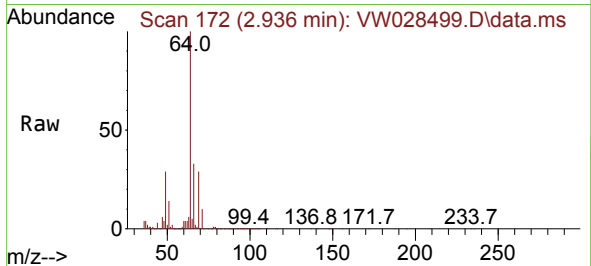




#8
Chloroethane
Concen: 26.031 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

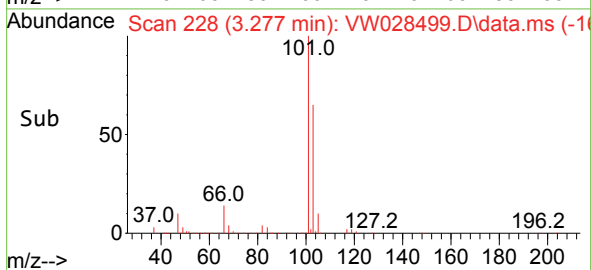
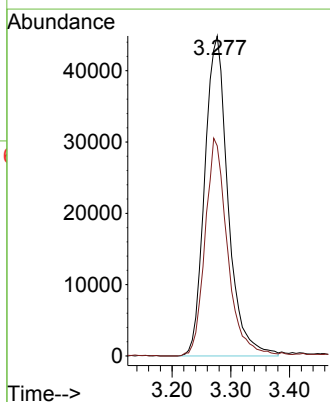
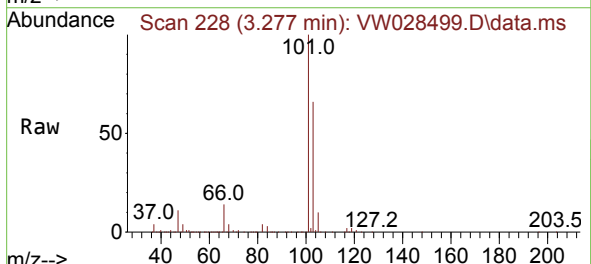
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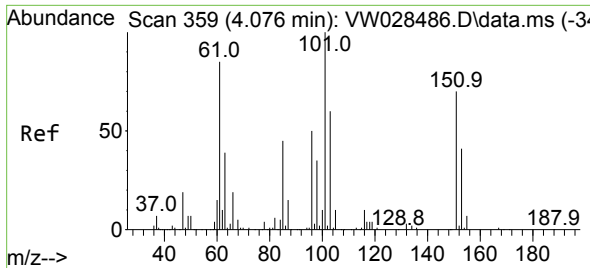
Tgt Ion: 64 Resp: 88962
Ion Ratio Lower Upper
64 100
66 32.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 27.332 ug/L
RT: 3.277 min Scan# 228
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Tgt Ion:101 Resp: 123615
Ion Ratio Lower Upper
101 100
103 65.5 52.0 78.0

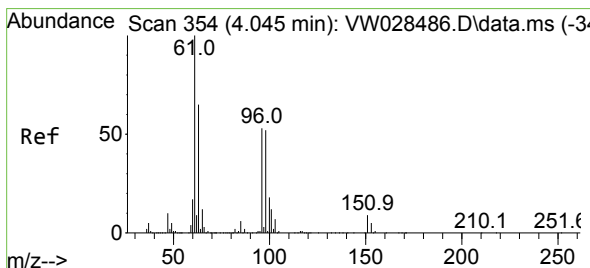
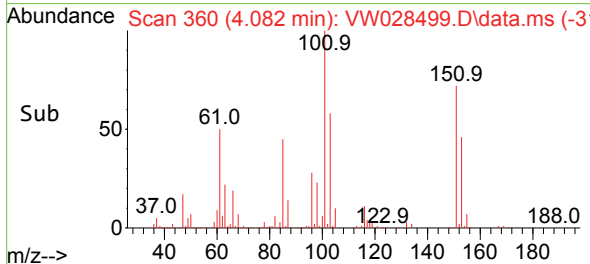
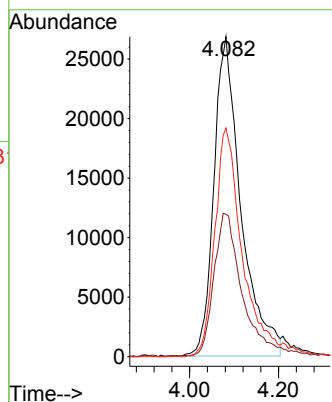
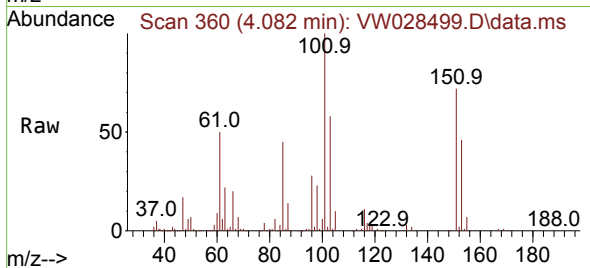




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.687 ug/L
 RT: 4.082 min Scan# 3
 Delta R.T. 0.006 min
 Lab File: VW028499.D
 Acq: 22 Apr 2024 09:37

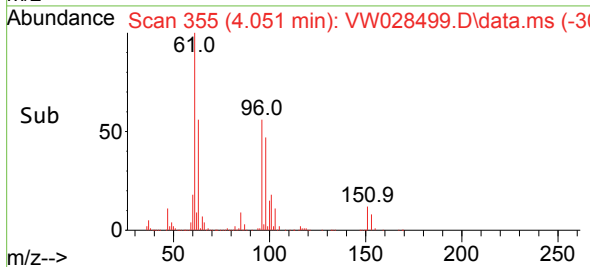
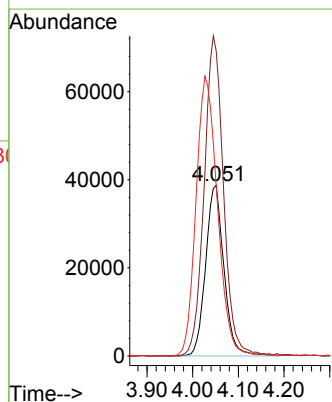
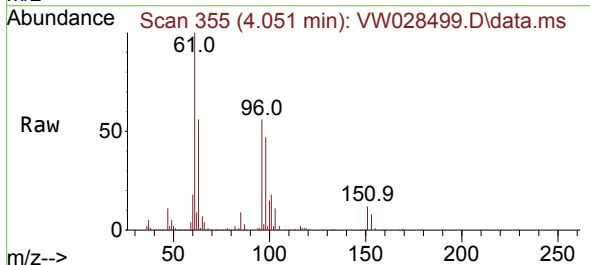
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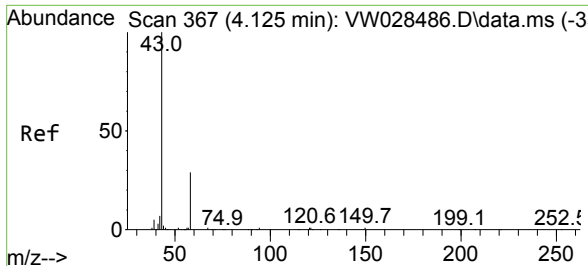
Tgt Ion: 101 Resp: 113552
 Ion Ratio Lower Upper
 101 100
 85 45.8 34.5 51.7
 151 71.2 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 26.979 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028499.D
 Acq: 22 Apr 2024 09:37

Tgt Ion: 96 Resp: 107783
 Ion Ratio Lower Upper
 96 100
 61 178.9 130.5 242.5
 63 99.6 101.5 188.5#





#13

Acetone

Concen: 51.476 ug/L

RT: 4.137 min Scan# 369

Delta R.T. 0.012 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

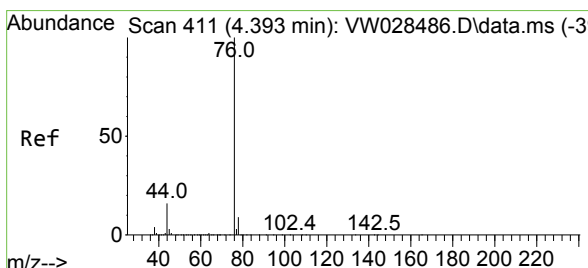
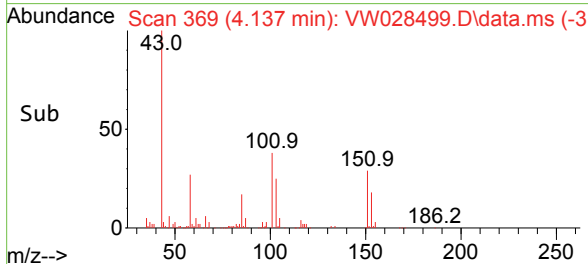
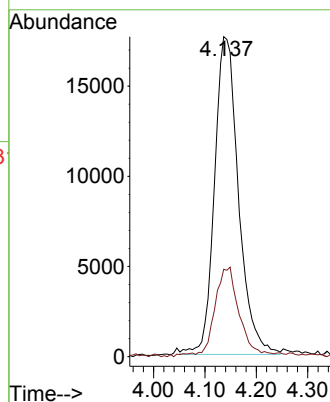
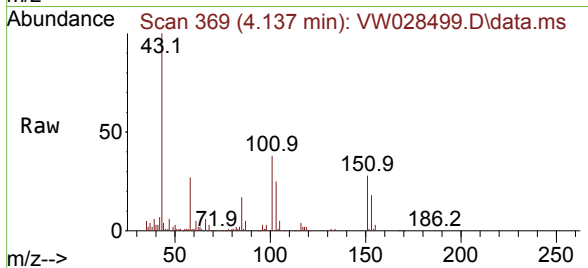
ClientSampleId :

Tgt Ion: 43 Resp: 57162

Ion Ratio Lower Upper

43 100

58 26.8 0.0 53.4



#14

Carbon disulfide

Concen: 25.510 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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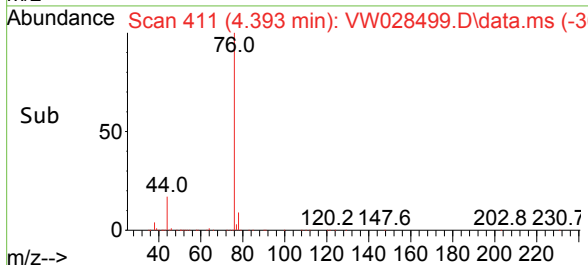
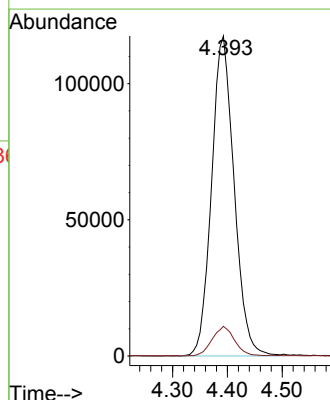
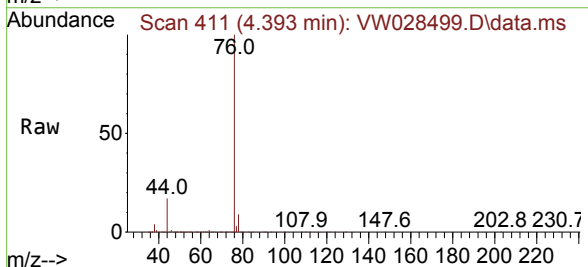
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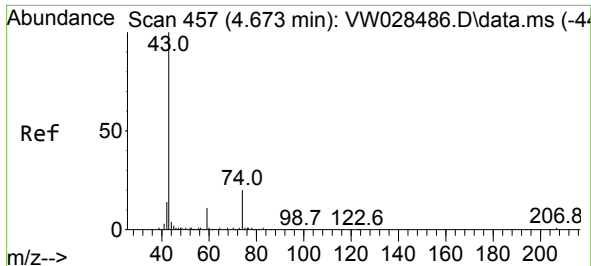
Tgt Ion: 76 Resp: 335543

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

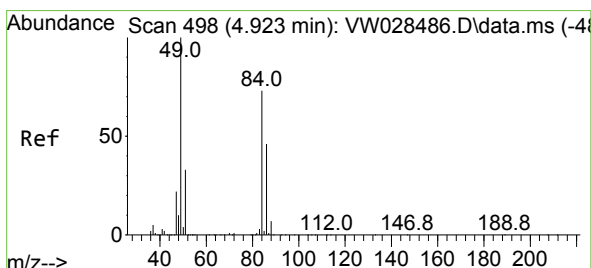
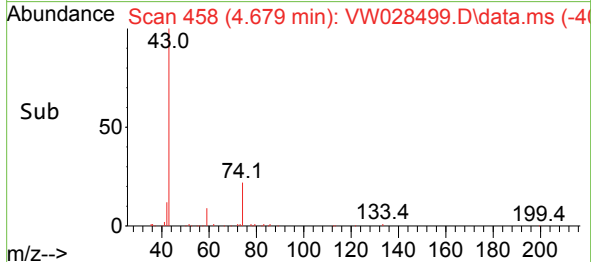
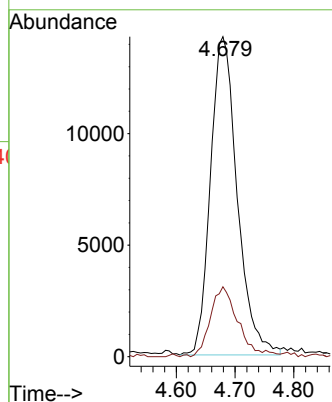
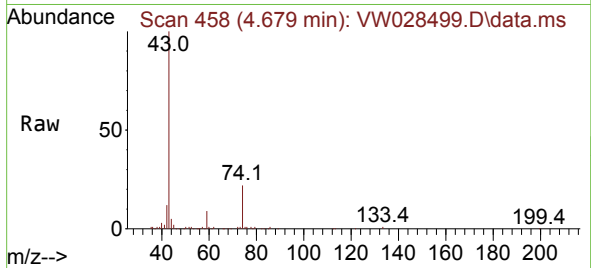




#15
Methyl Acetate
Concen: 25.335 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

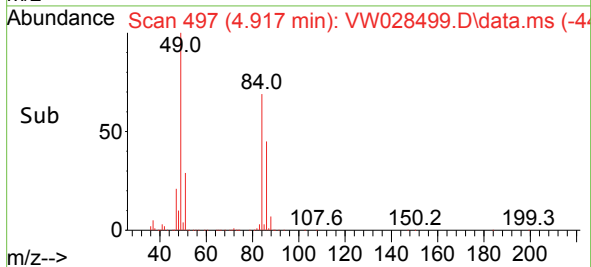
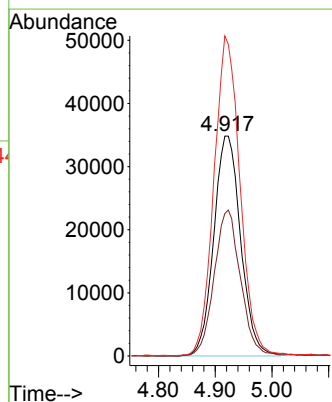
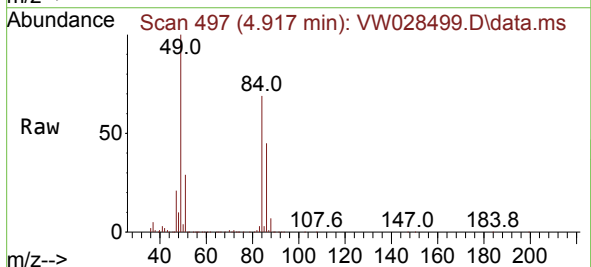
Instrument :
MSVOA_W
ClientSampleId :

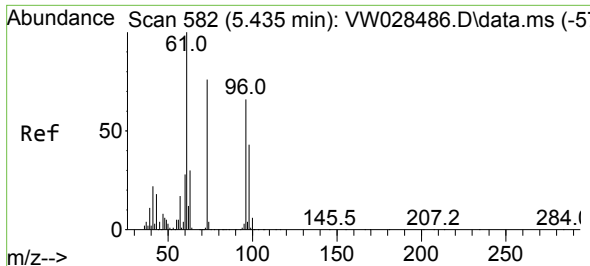
Tgt Ion: 43 Resp: 45267
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0



#16
Methylene chloride
Concen: 25.124 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

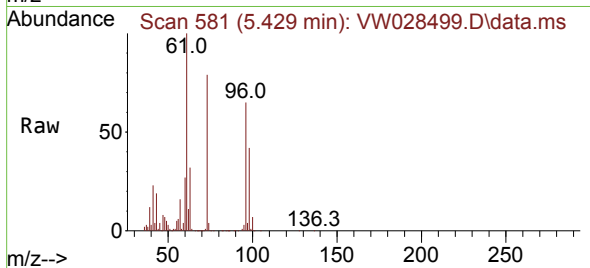
Tgt Ion: 84 Resp: 114608
Ion Ratio Lower Upper
84 100
86 64.8 44.2 82.0
49 145.5 95.0 176.4



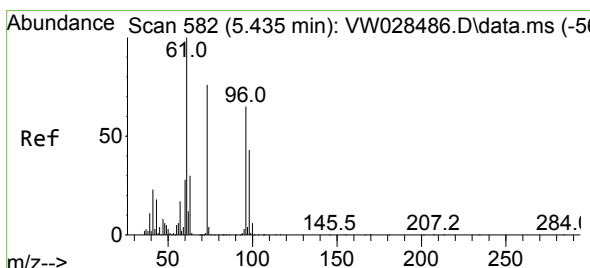
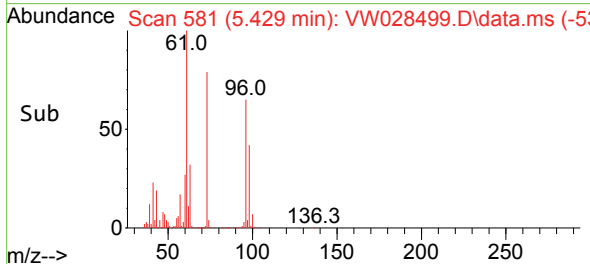
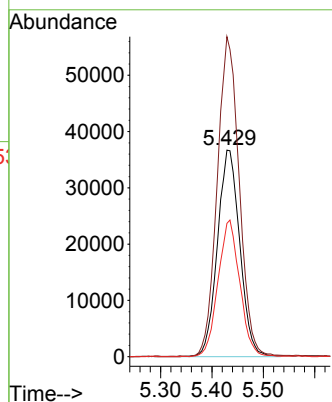


#17
trans-1,2-Dichloroethene
Concen: 26.341 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Instrument :
MSVOA_W
ClientSampleId :

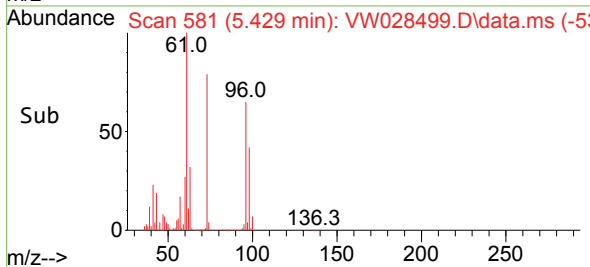
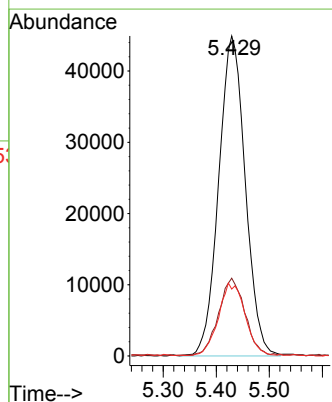
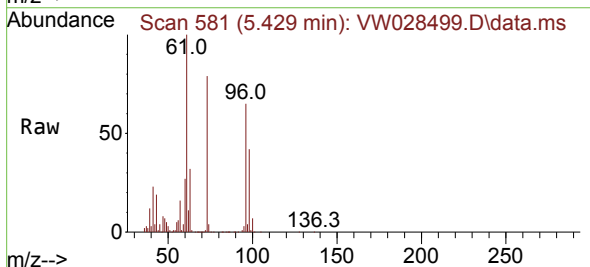


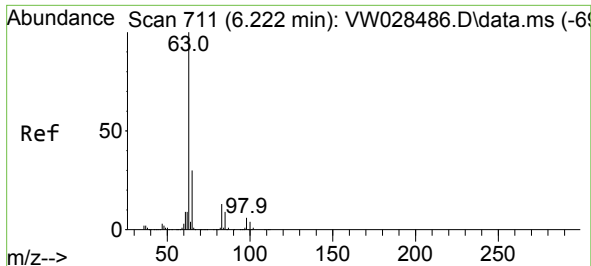
Tgt Ion: 96 Resp: 110853
Ion Ratio Lower Upper
96 100
61 154.9 108.4 201.4
98 64.5 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 26.441 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Tgt Ion: 73 Resp: 156523
Ion Ratio Lower Upper
73 100
43 24.0 18.5 27.7
57 23.1 18.2 27.4





#19

1,1-Dichloroethane

Concen: 27.046 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

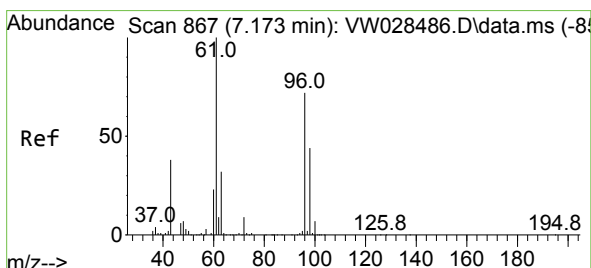
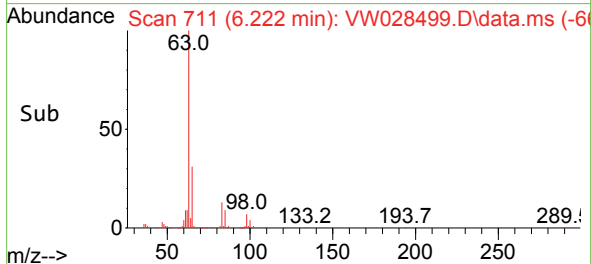
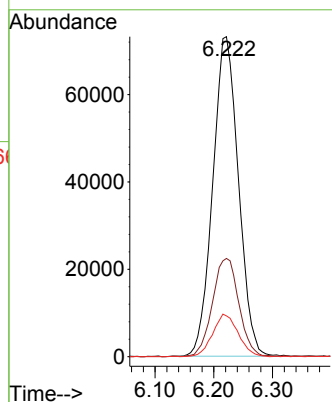
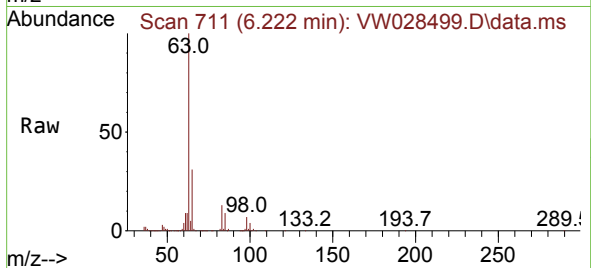
Tgt Ion: 63 Resp: 221758

Ion Ratio Lower Upper

63 100

65 30.7 21.8 40.4

83 12.8 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.600 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

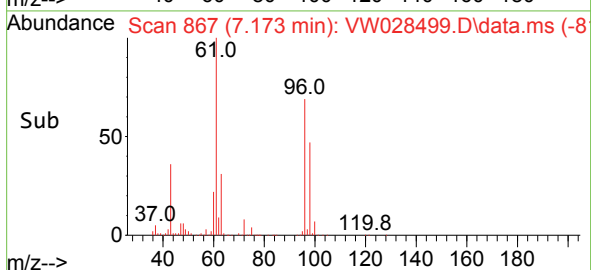
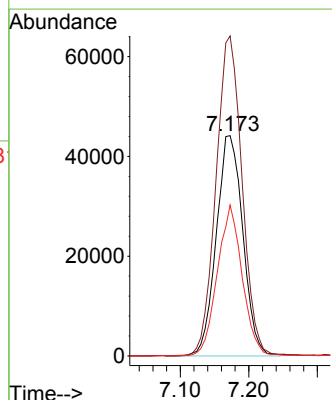
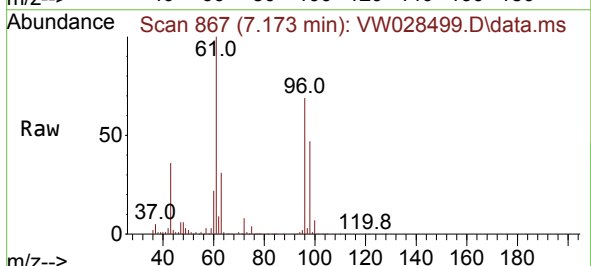
Tgt Ion: 96 Resp: 118811

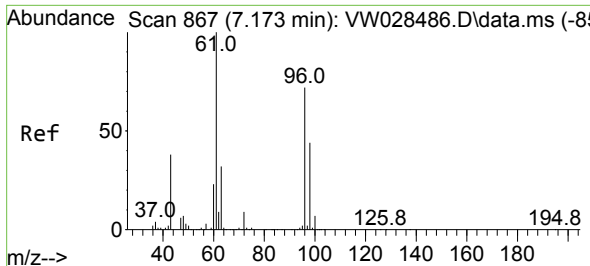
Ion Ratio Lower Upper

96 100

61 145.2 97.6 181.2

98 68.5 47.7 88.5

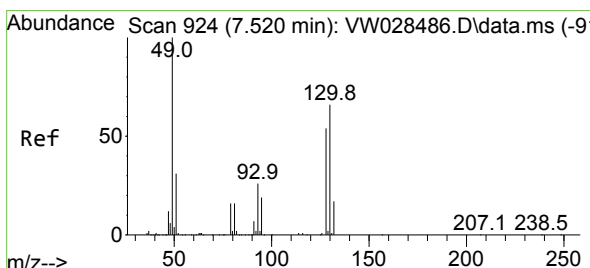
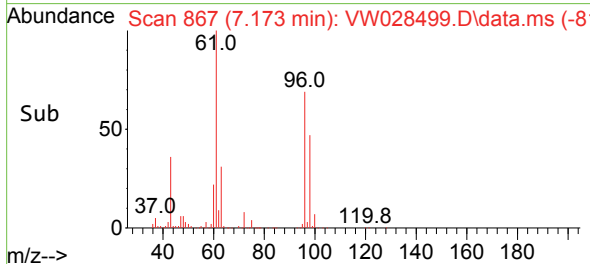
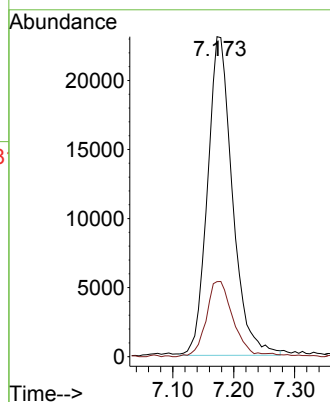
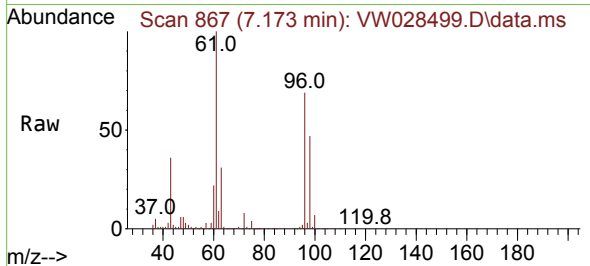




#22
2-Butanone
Concen: 48.800 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

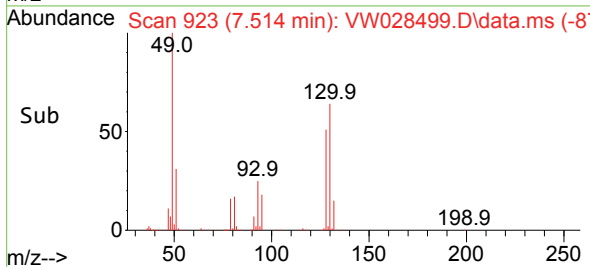
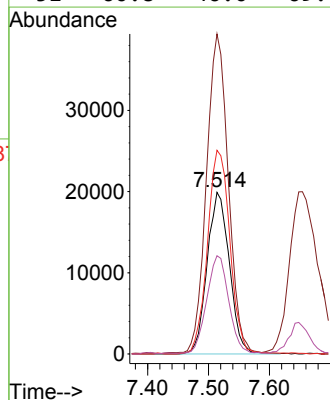
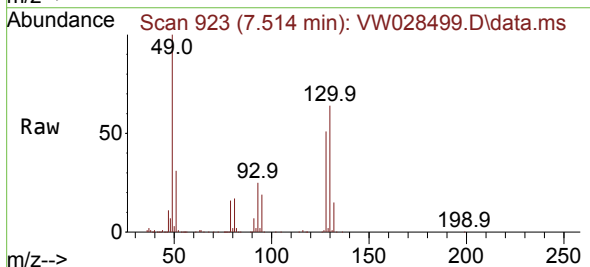
Instrument :
MSVOA_W
ClientSampleId :

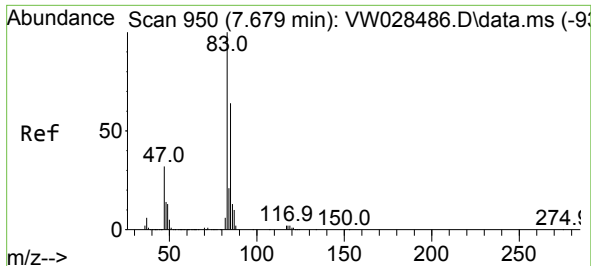
Tgt Ion: 43 Resp: 65764
Ion Ratio Lower Upper
43 100
72 24.8 12.8 38.4



#23
Bromochloromethane
Concen: 26.254 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Tgt Ion: 128 Resp: 50510
Ion Ratio Lower Upper
128 100
49 198.0 127.1 236.0
130 126.0 78.3 145.5
51 60.8 46.0 69.0

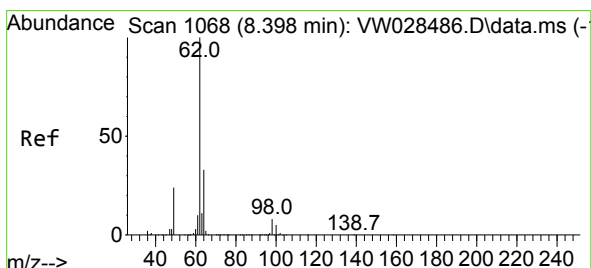
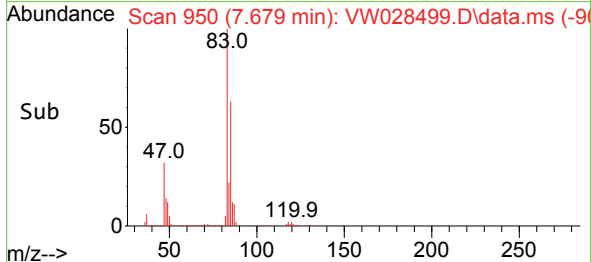
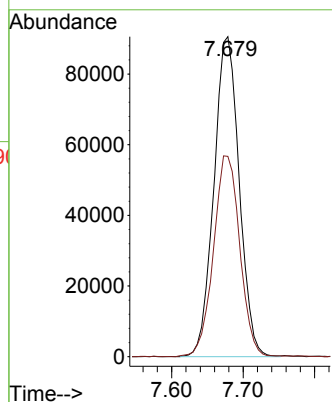
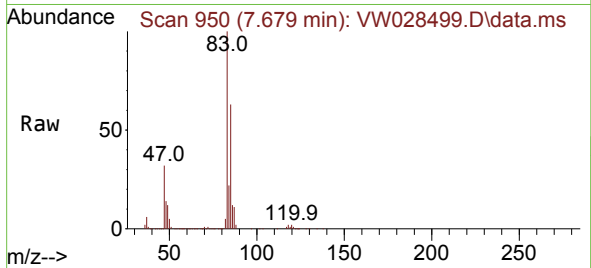




#25
Chloroform
Concen: 27.646 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

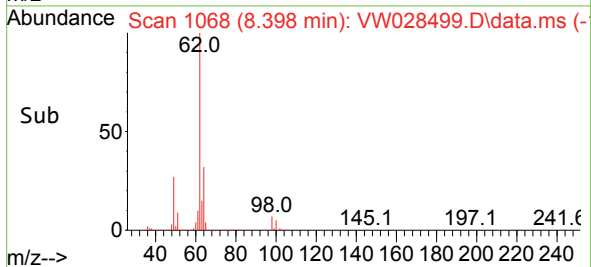
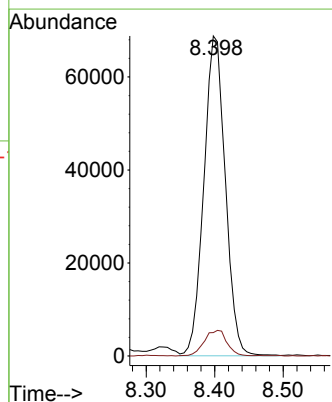
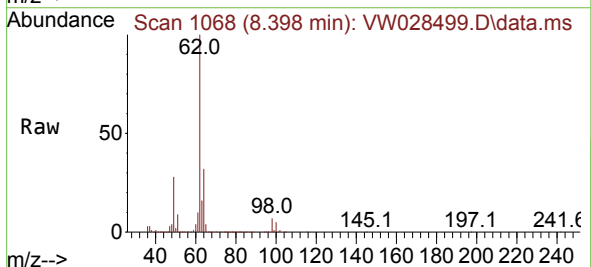
Instrument :
MSVOA_W
ClientSampleId :

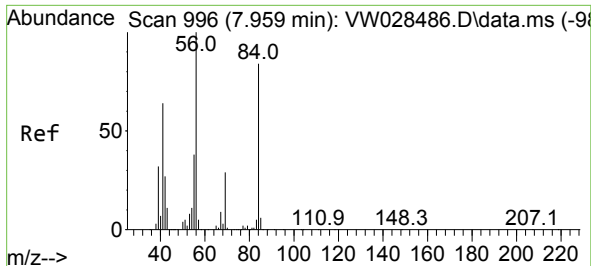
Tgt Ion: 83 Resp: 222672
Ion Ratio Lower Upper
83 100
85 62.6 47.7 88.7



#27
1,2-Dichloroethane
Concen: 27.033 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

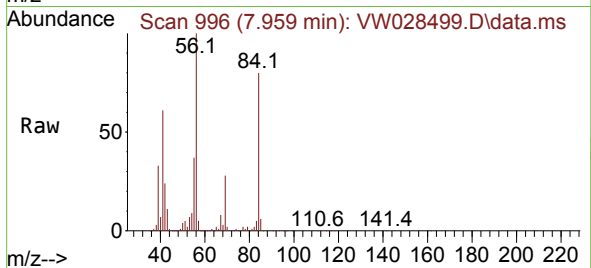
Tgt Ion: 62 Resp: 150282
Ion Ratio Lower Upper
62 100
98 7.3 6.6 10.0



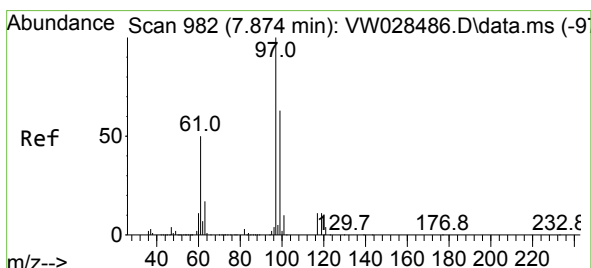
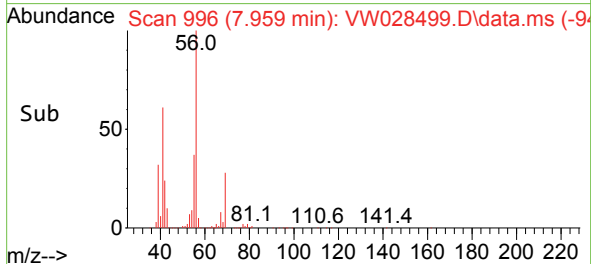
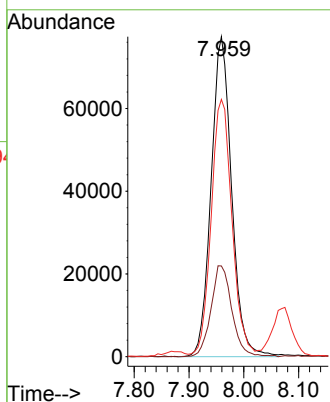


#29
Cyclohexane
Concen: 27.594 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Instrument :
MSVOA_W
ClientSampleId :

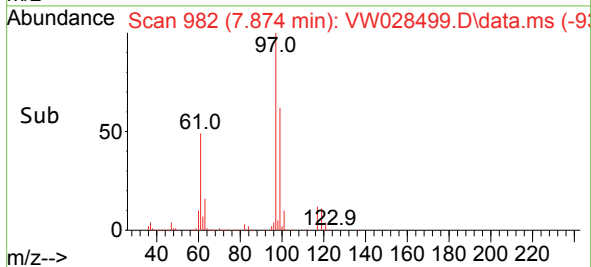
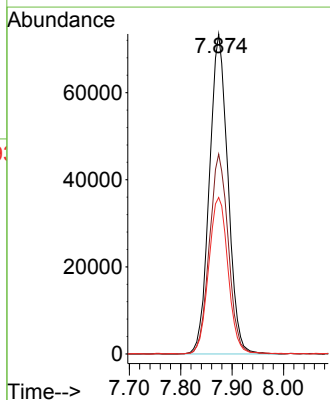
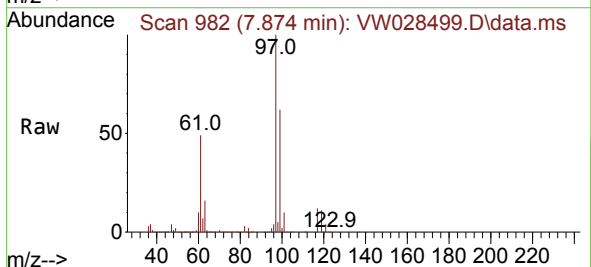


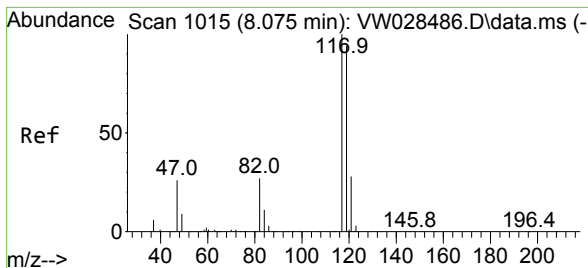
Tgt Ion:	56	Resp:	201095
Ion Ratio	Lower	Upper	
56	100		
69	28.9	23.8	35.6
84	81.4	65.9	98.9



#30
1,1,1-Trichloroethane
Concen: 27.469 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Tgt Ion:	97	Resp:	183803
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.4	77.2
61	51.1	40.5	60.7

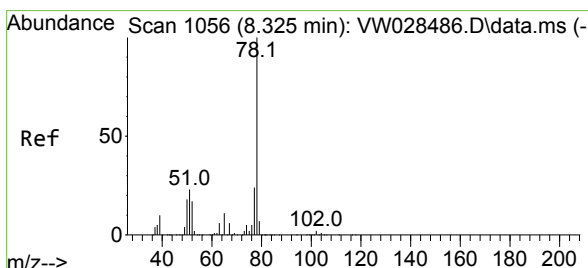
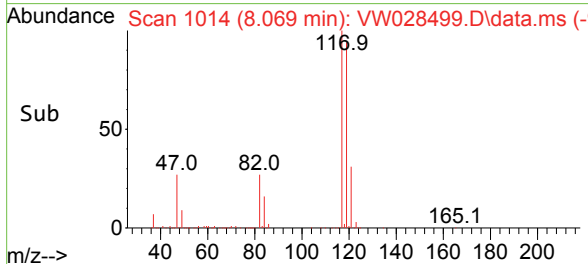
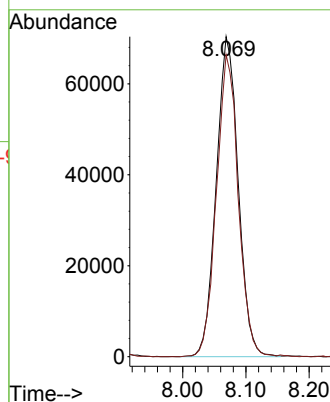
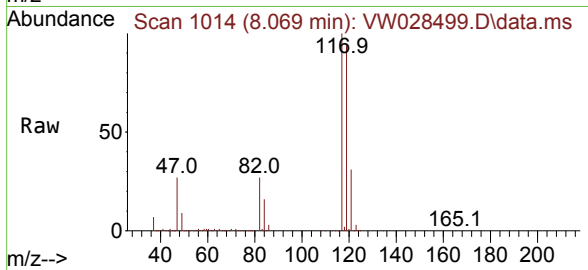




#31
Carbon tetrachloride
Concen: 28.596 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

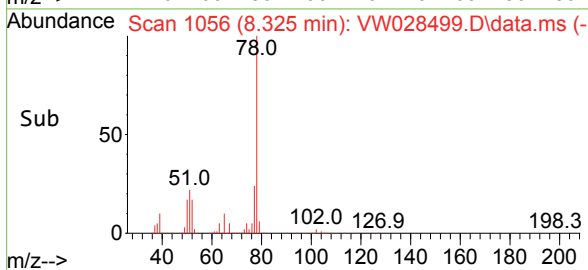
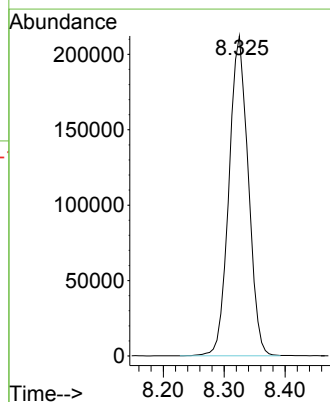
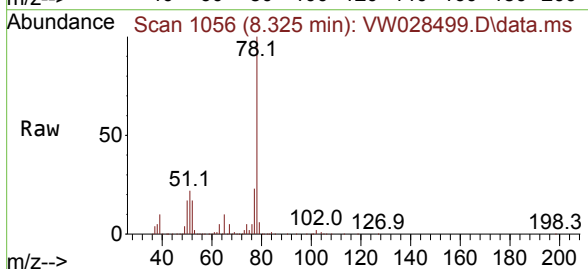
Instrument :
MSVOA_W
ClientSampleId :

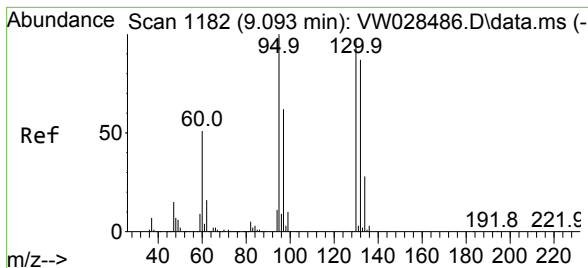
Tgt Ion:117 Resp: 169679
Ion Ratio Lower Upper
117 100
119 93.6 77.4 116.2



#33
Benzene
Concen: 27.063 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Tgt Ion: 78 Resp: 466832





#34

Trichloroethene

Concen: 26.734 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

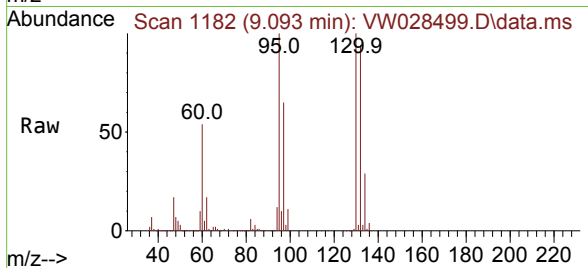
Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 124977

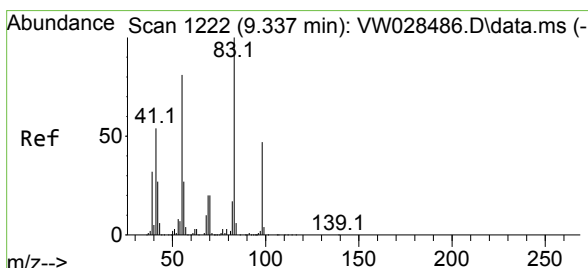
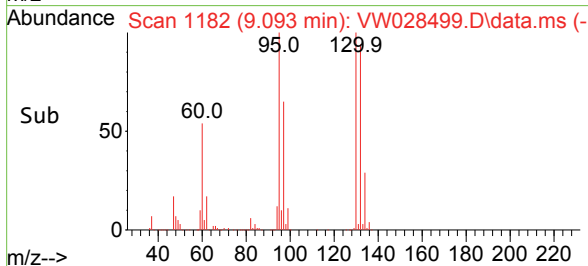
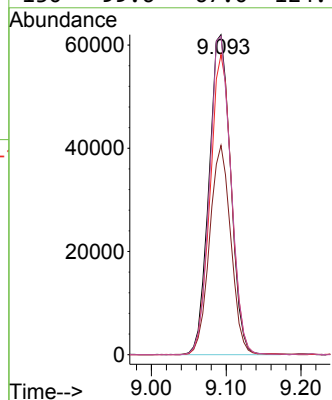
Ion Ratio Lower Upper

95 100

97 65.4 43.8 81.4

132 93.7 66.1 122.8

130 99.6 67.0 124.4



#35

Methylcyclohexane

Concen: 27.280 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

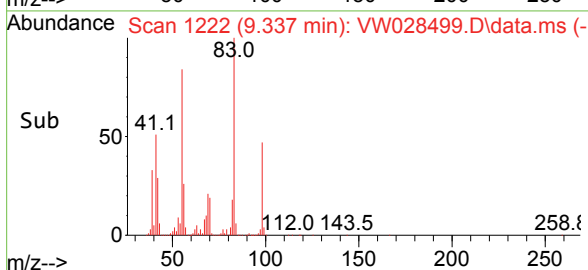
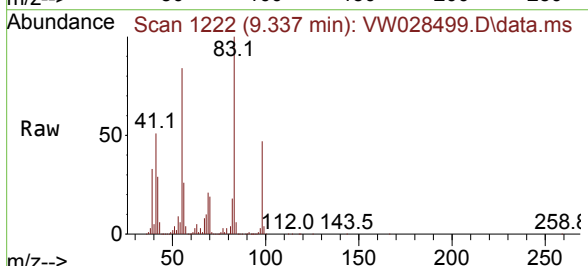
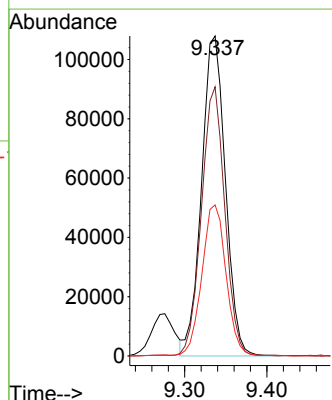
Tgt Ion: 83 Resp: 217621

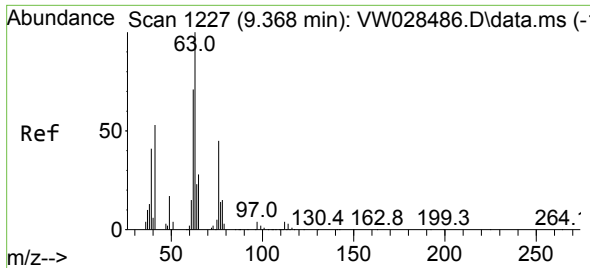
Ion Ratio Lower Upper

83 100

55 82.0 65.7 98.5

98 47.9 38.6 58.0

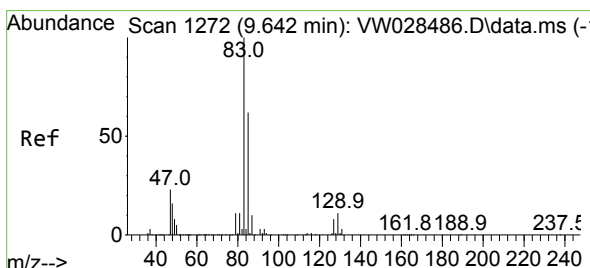
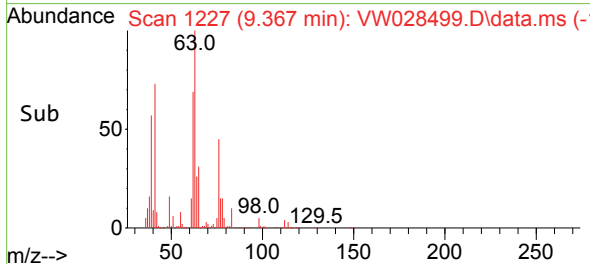
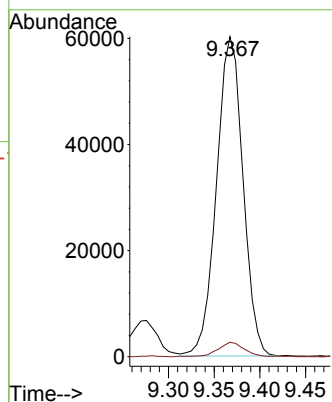
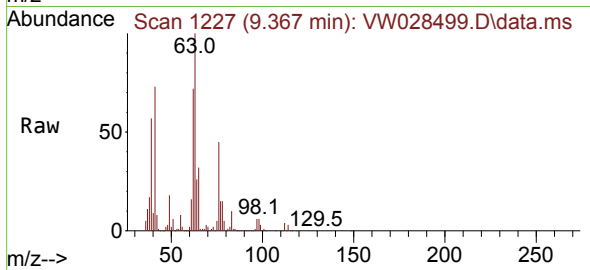




#37
1,2-Dichloropropane
Concen: 27.007 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

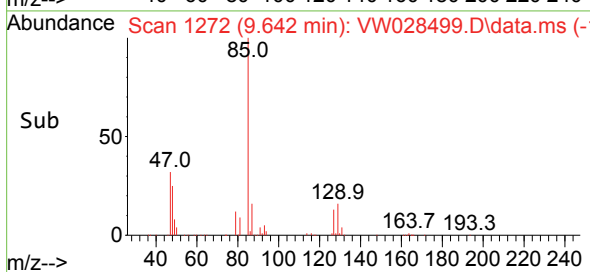
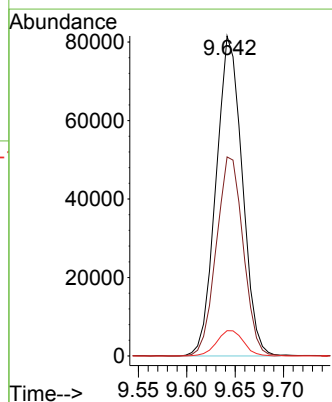
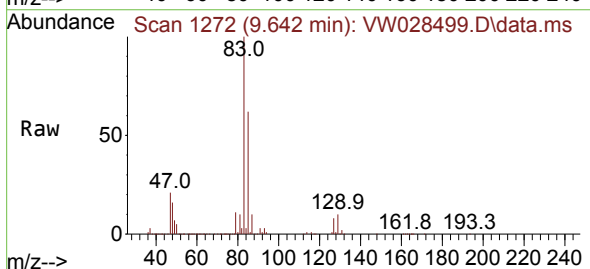
Instrument :
MSVOA_W
ClientSampleId :

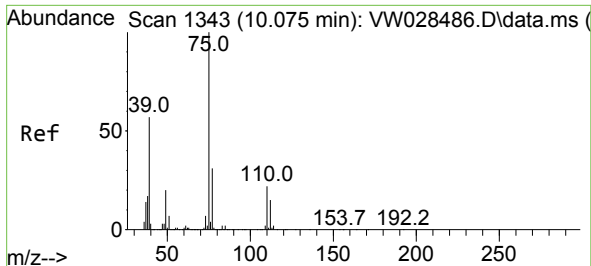
Tgt Ion: 63 Resp: 121426
Ion Ratio Lower Upper
63 100
112 4.2 3.6 5.4



#38
Bromodichloromethane
Concen: 27.555 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Tgt Ion: 83 Resp: 153557
Ion Ratio Lower Upper
83 100
85 62.2 43.1 80.1
127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 27.855 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

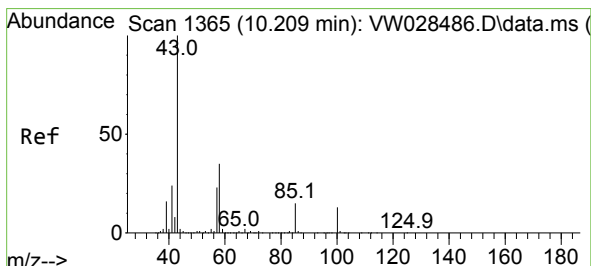
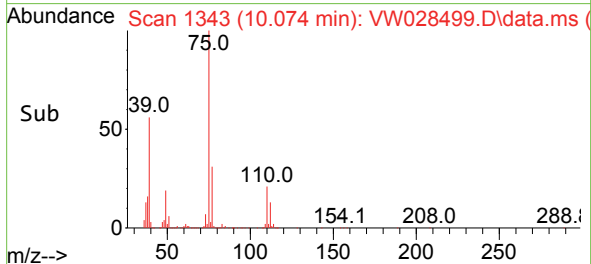
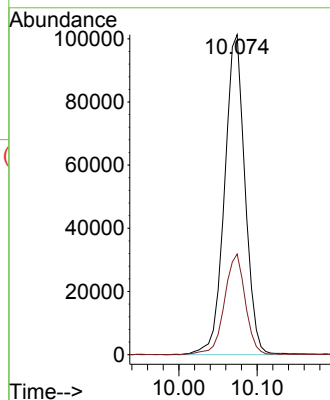
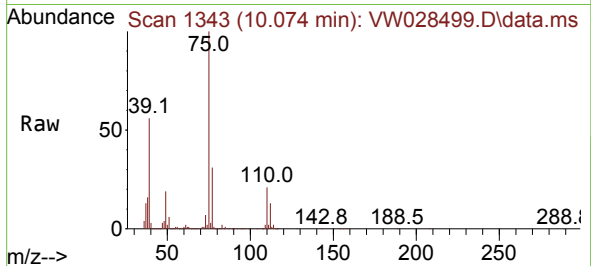
ClientSampleId :

Tgt Ion: 75 Resp: 183655

Ion Ratio Lower Upper

75 100

77 31.5 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 56.243 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

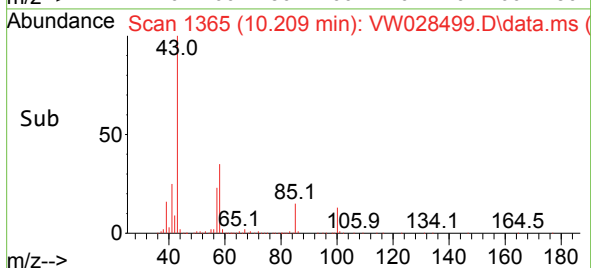
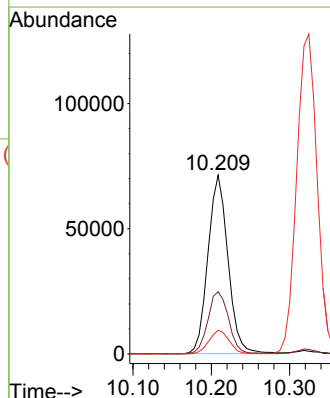
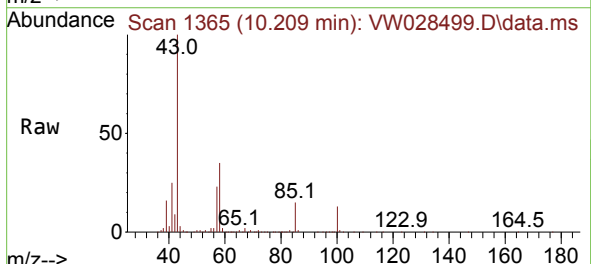
Tgt Ion: 43 Resp: 126586

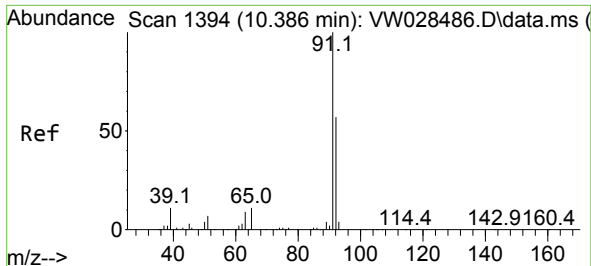
Ion Ratio Lower Upper

43 100

58 36.4 28.6 43.0

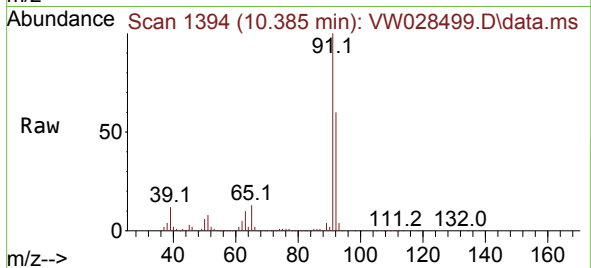
100 13.6 10.6 16.0



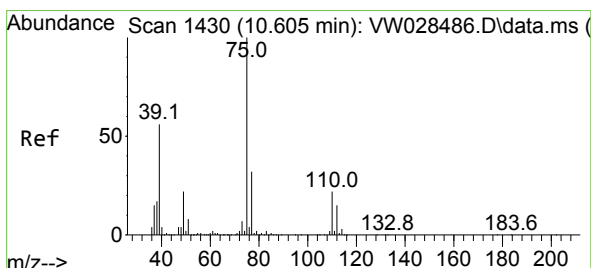
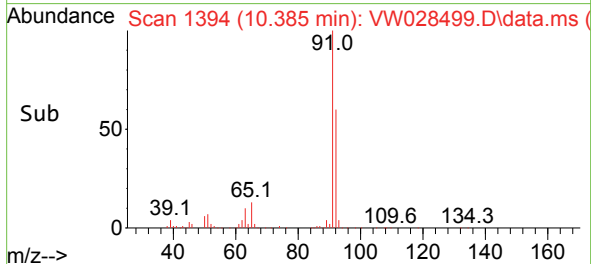
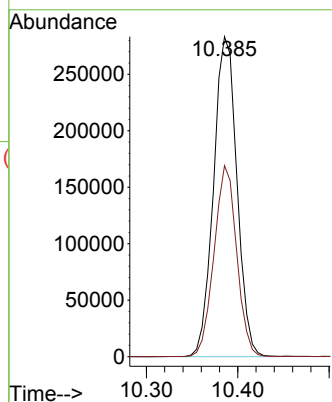


#42
Toluene
Concen: 27.533 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Instrument :
MSVOA_W
ClientSampleId :

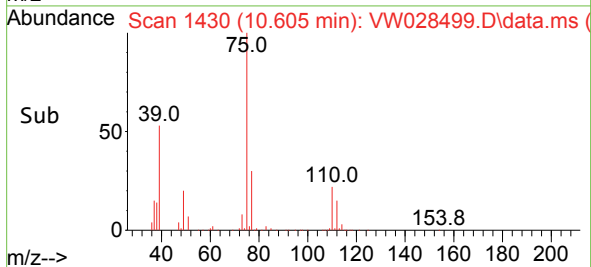
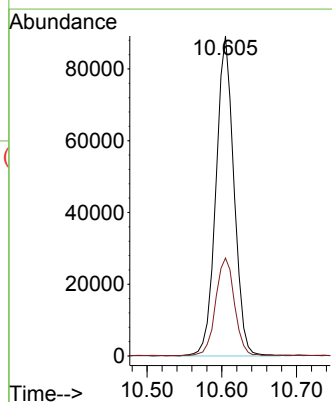
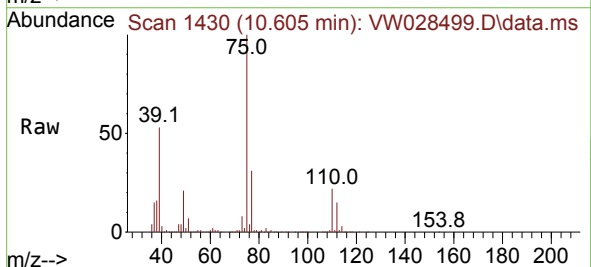


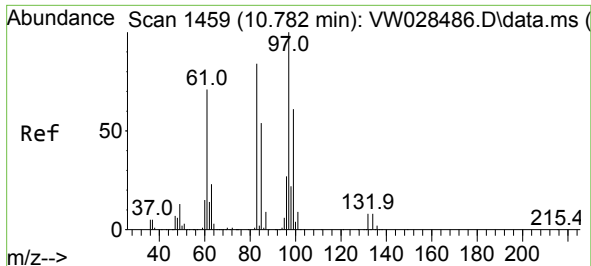
Tgt Ion: 91 Resp: 503153
Ion Ratio Lower Upper
91 100
92 59.7 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 28.026 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Tgt Ion: 75 Resp: 149486
Ion Ratio Lower Upper
75 100
77 30.6 22.6 42.0

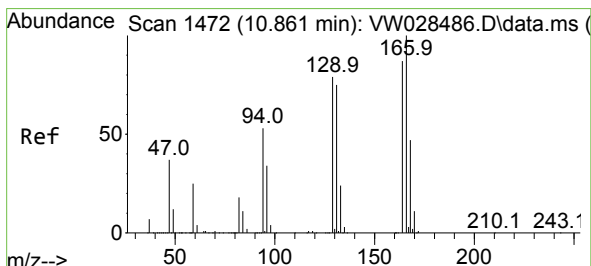
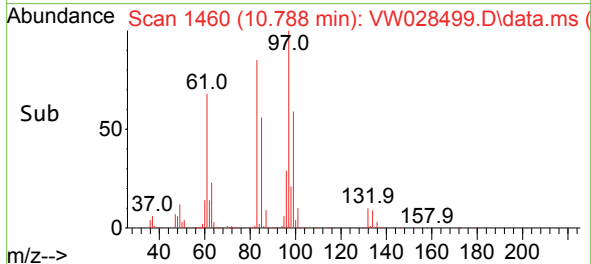
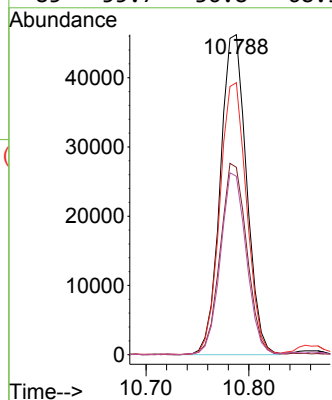
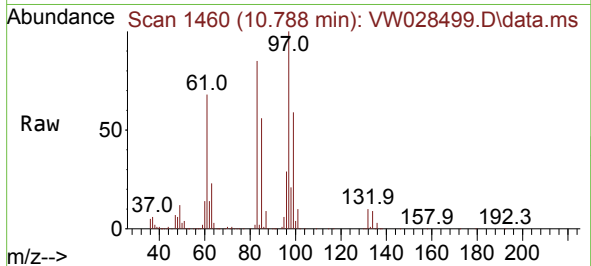




#45
1,1,2-Trichloroethane
Concen: 26.974 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

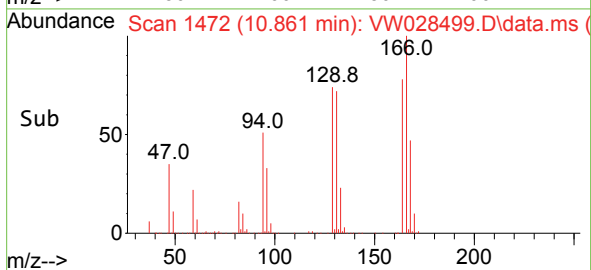
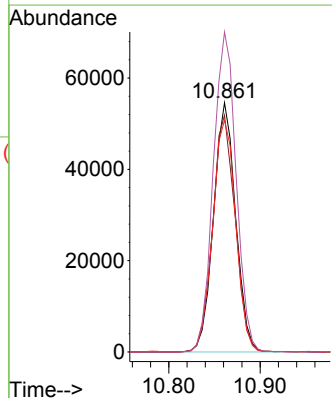
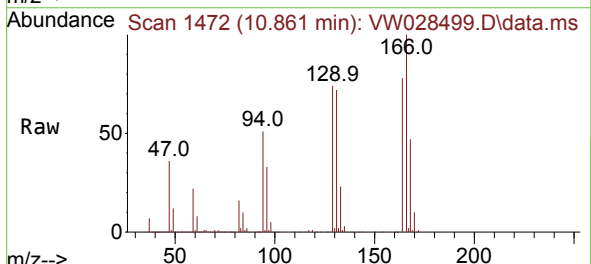
Instrument :
MSVOA_W
ClientSampleId :

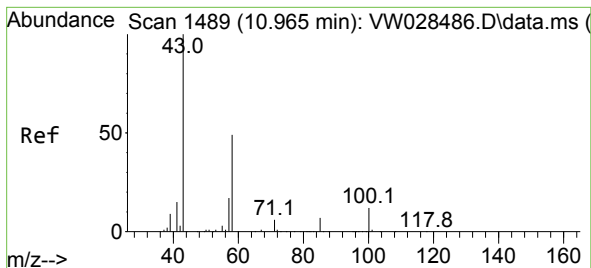
Tgt Ion: 97	Resp: 82048
Ion Ratio	Lower Upper
97 100	
99 58.6	44.2 82.2
83 85.0	56.4 104.7
85 55.7	36.8 68.3



#46
Tetrachloroethene
Concen: 26.276 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Tgt	Ion:164	Resp:	91752
Ion	Ratio	Lower	Upper
164	100		
129	95.0	59.7	110.9
131	93.0	58.2	108.2
166	128.4	78.0	144.8





#48

2-Hexanone

Concen: 53.956 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

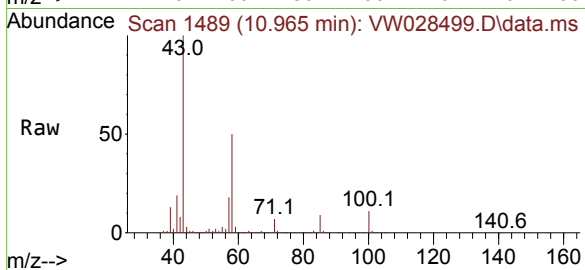
Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 96394

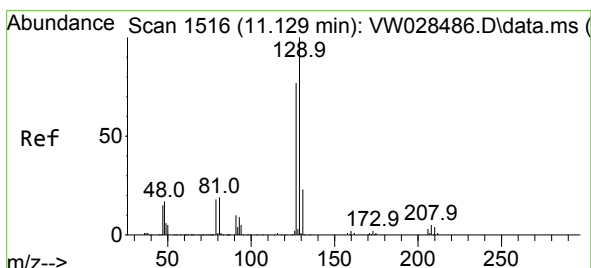
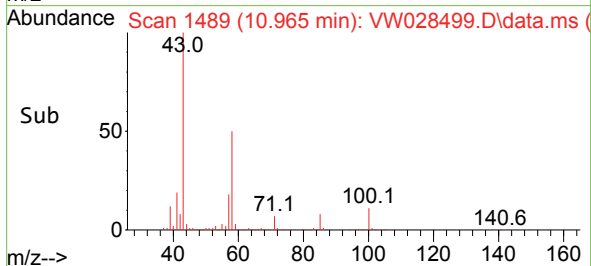
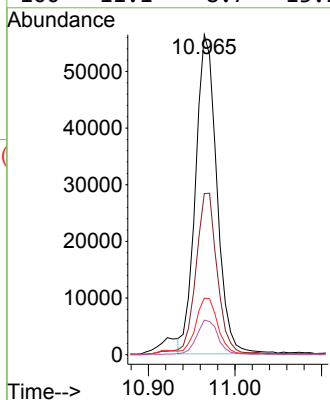
Ion Ratio Lower Upper

43 100

58 51.5 38.9 58.3

57 17.8 14.4 21.6

100 11.1 8.7 13.1



#49

Dibromochloromethane

Concen: 28.313 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW028499.D

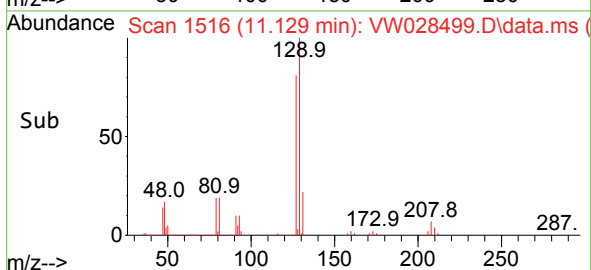
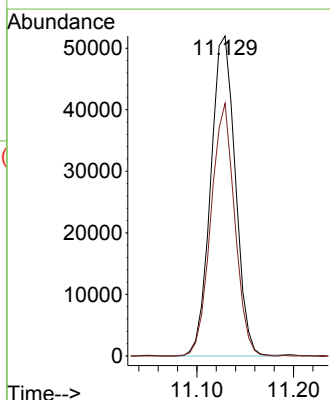
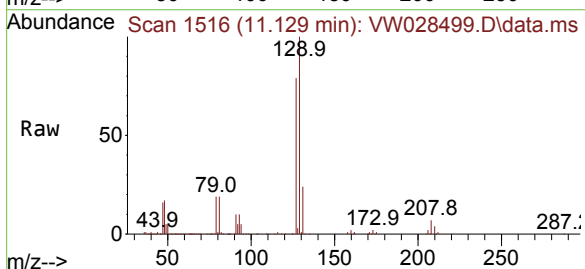
Acq: 22 Apr 2024 09:37

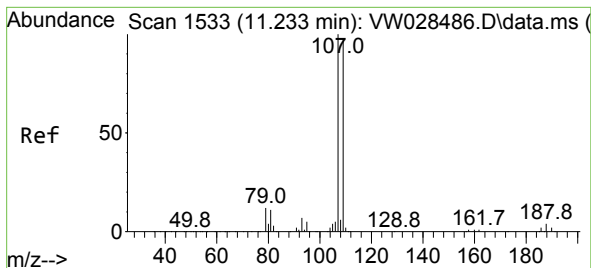
Tgt Ion:129 Resp: 92048

Ion Ratio Lower Upper

129 100

127 79.0 53.0 98.4





#50

1,2-Dibromoethane

Concen: 26.981 ug/L

RT: 11.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028499.D

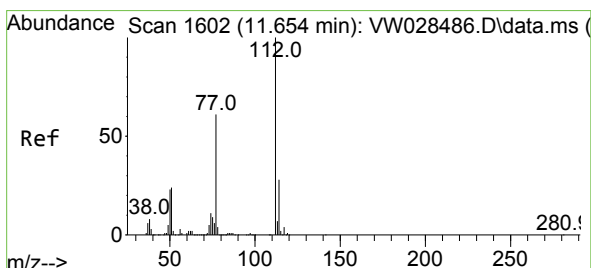
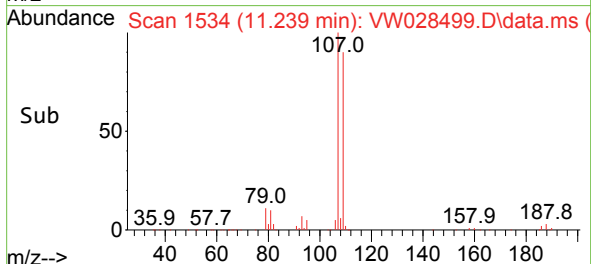
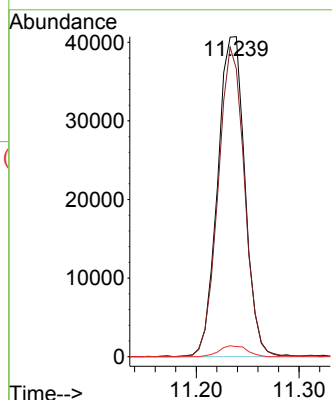
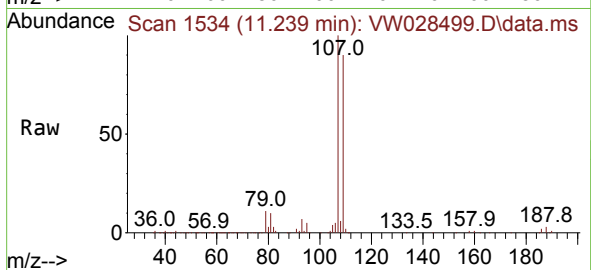
Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	74907
Ion	Ratio	Lower	Upper
107	100		
109	89.9	62.1	115.3
188	3.2	3.2	4.8#



#51

Chlorobenzene

Concen: 26.986 ug/L

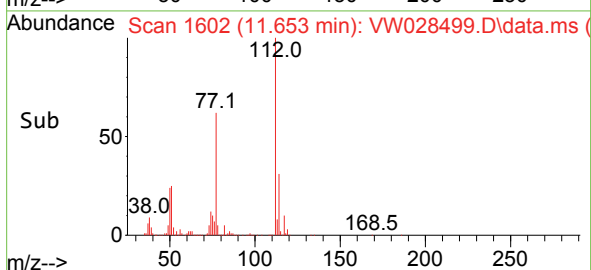
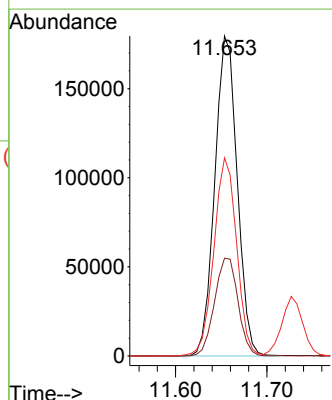
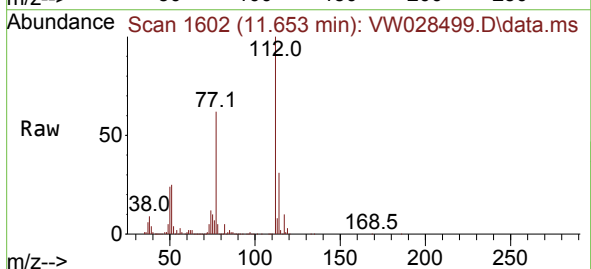
RT: 11.653 min Scan# 1602

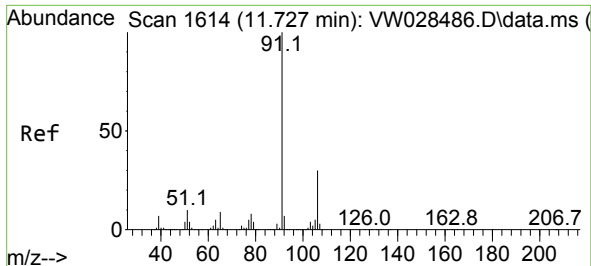
Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

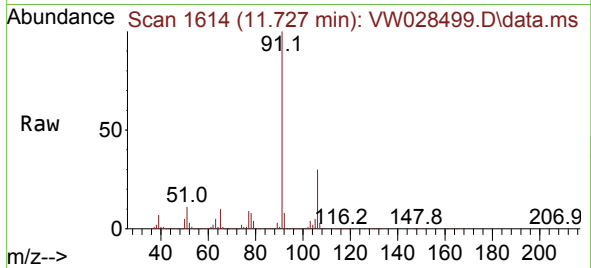
Tgt Ion:	112	Resp:	306538
Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.3	41.3
77	61.9	51.8	77.8



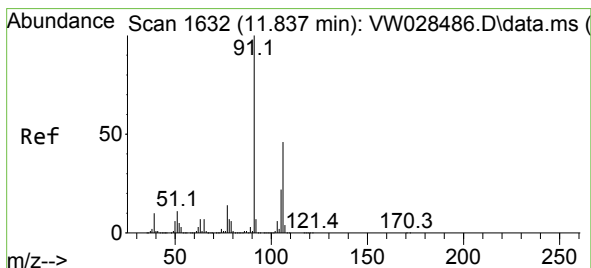
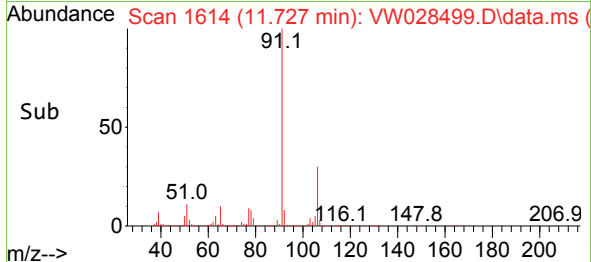
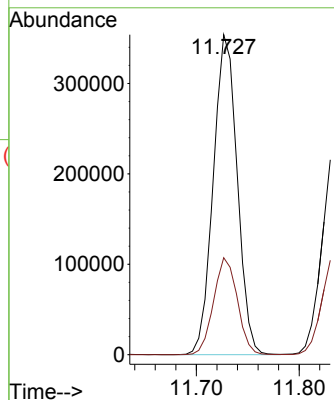


#52
Ethylbenzene
Concen: 27.586 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Instrument :
MSVOA_W
ClientSampleId :

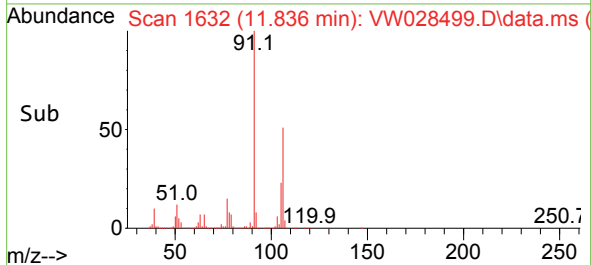
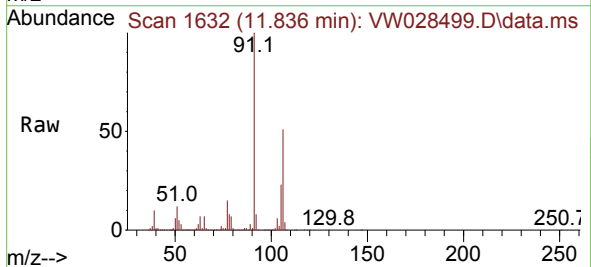
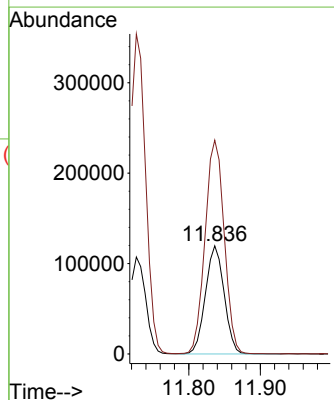


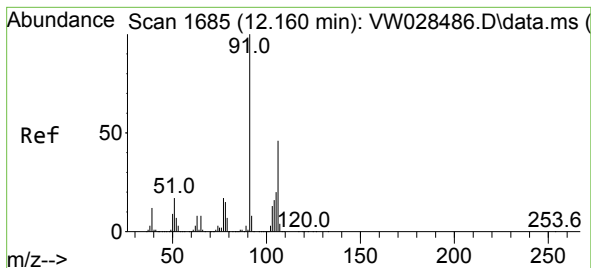
Tgt Ion: 91 Resp: 571476
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 28.212 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Tgt Ion:106 Resp: 217338
Ion Ratio Lower Upper
106 100
91 197.8 152.4 283.0





#54

o-Xylene

Concen: 27.772 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

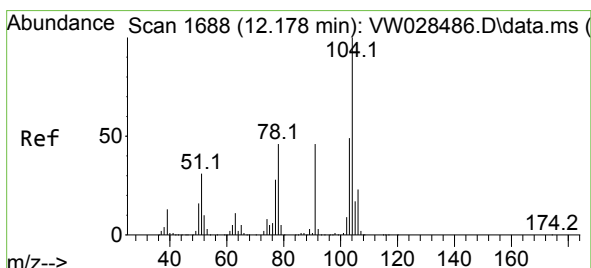
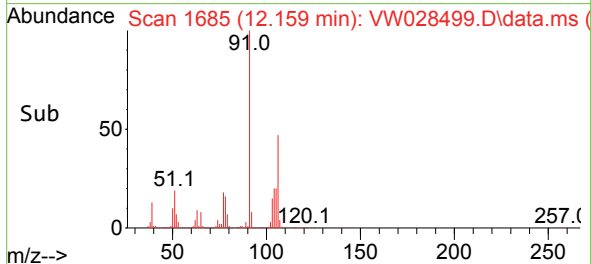
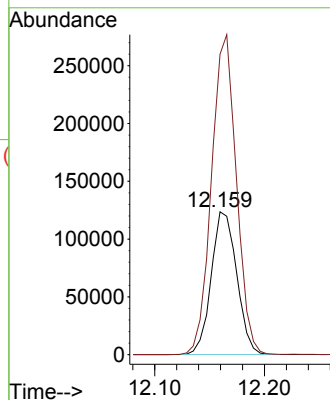
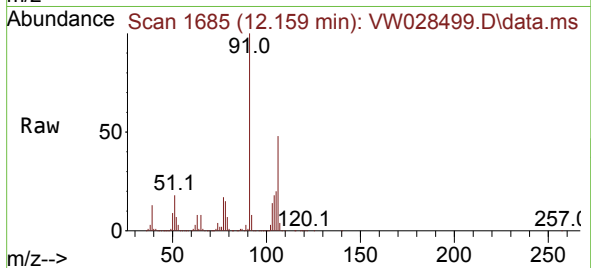
ClientSampleId :

Tgt Ion:106 Resp: 199211

Ion Ratio Lower Upper

106 100

91 210.4 152.9 283.9



#55

Styrene

Concen: 28.711 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028499.D

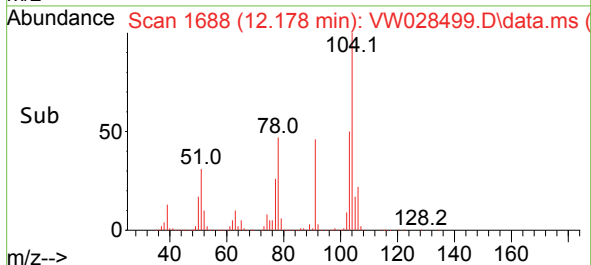
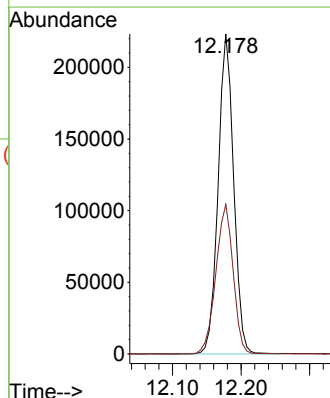
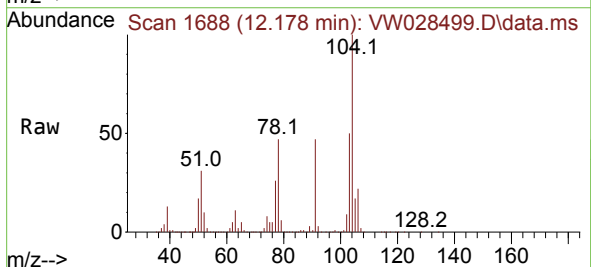
Acq: 22 Apr 2024 09:37

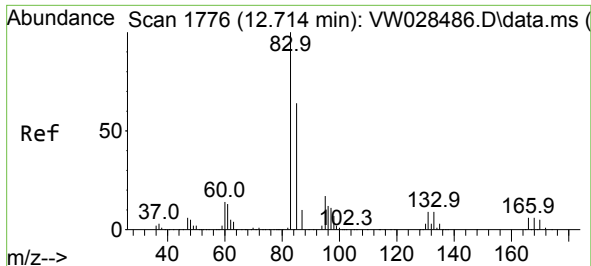
Tgt Ion:104 Resp: 350510

Ion Ratio Lower Upper

104 100

78 46.7 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 27.096 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

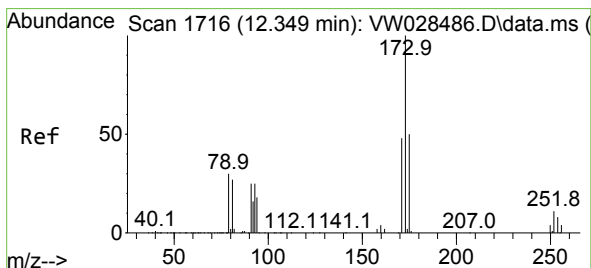
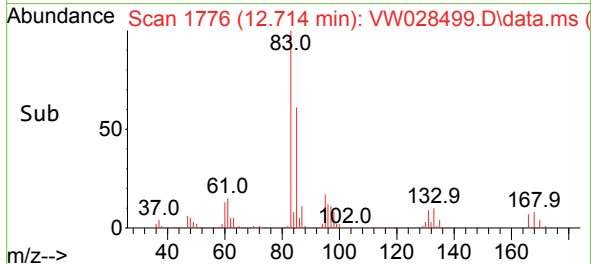
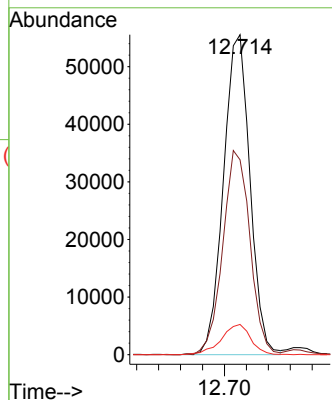
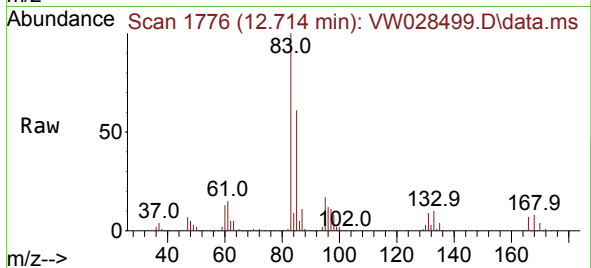
Tgt Ion: 83 Resp: 93273

Ion Ratio Lower Upper

83 100

85 60.9 43.4 80.6

131 9.5 8.0 12.0



#59

Bromoform

Concen: 26.562 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

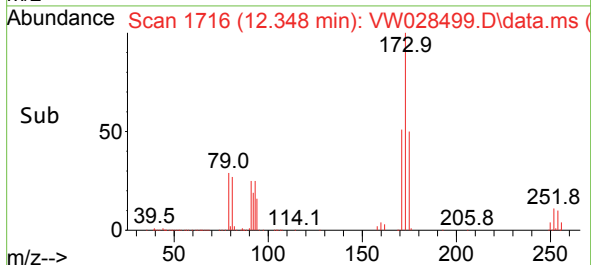
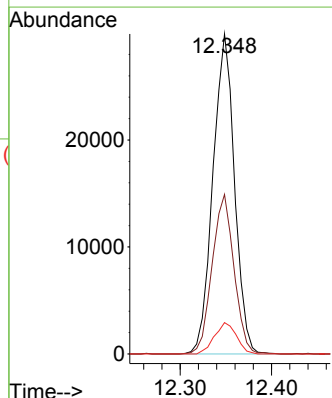
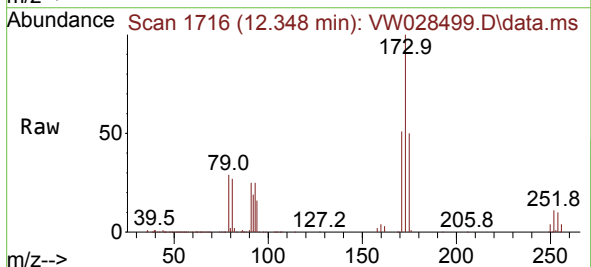
Tgt Ion:173 Resp: 49108

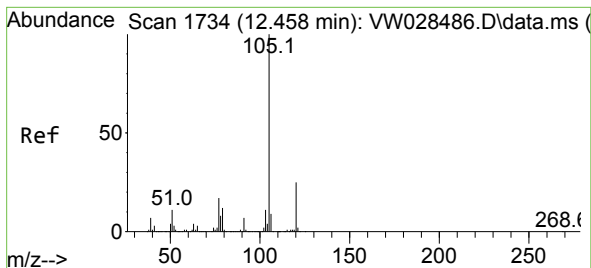
Ion Ratio Lower Upper

173 100

175 50.4 39.2 58.8

254 10.0 8.3 12.5





#60

Isopropylbenzene

Concen: 27.557 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

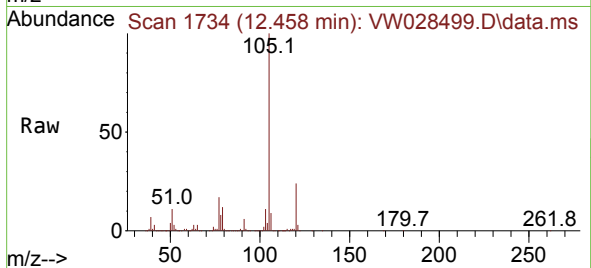
Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :



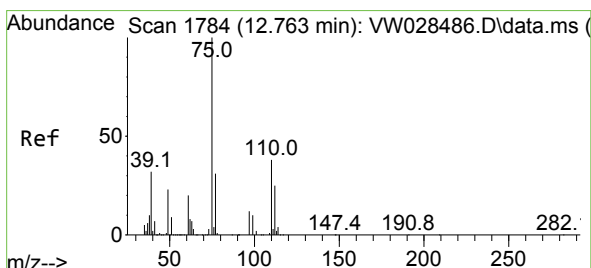
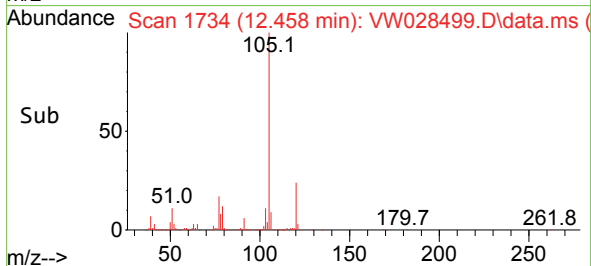
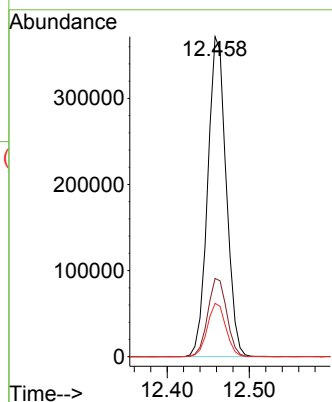
Tgt Ion:105 Resp: 578619

Ion Ratio Lower Upper

105 100

120 25.2 20.8 31.2

77 16.7 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 26.461 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

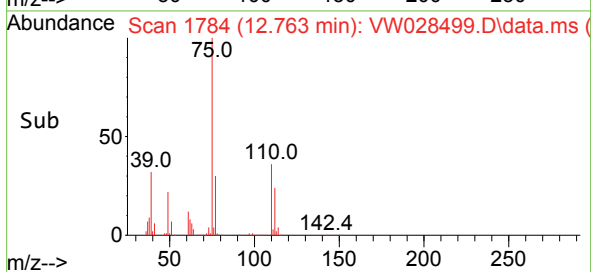
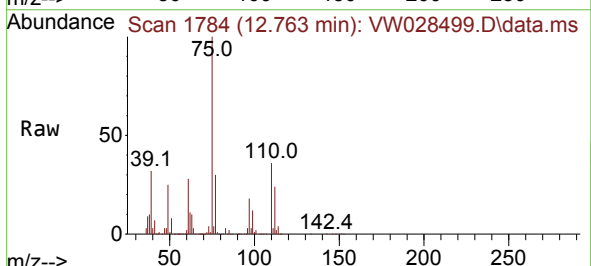
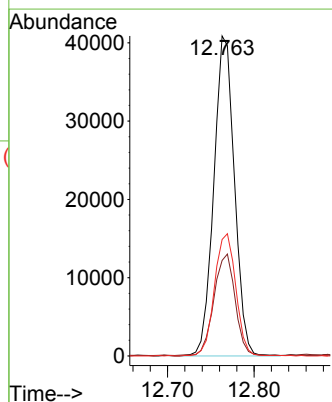
Tgt Ion: 75 Resp: 67758

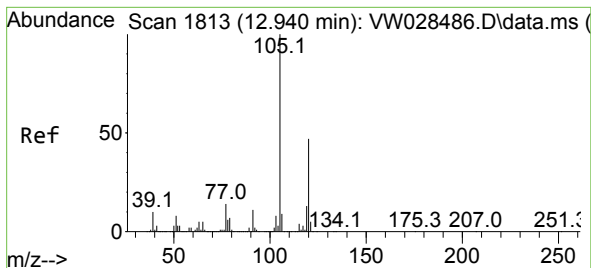
Ion Ratio Lower Upper

75 100

77 32.3 26.1 39.1

110 39.4 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 27.605 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

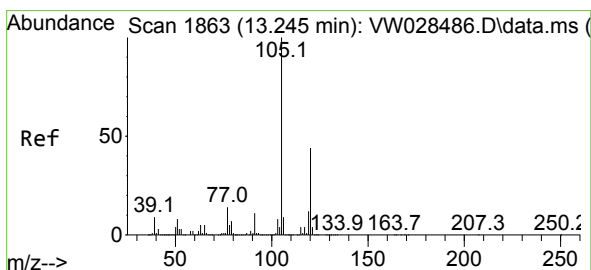
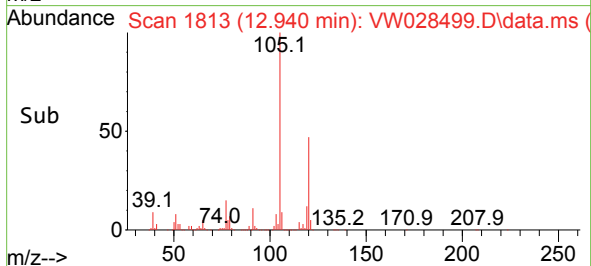
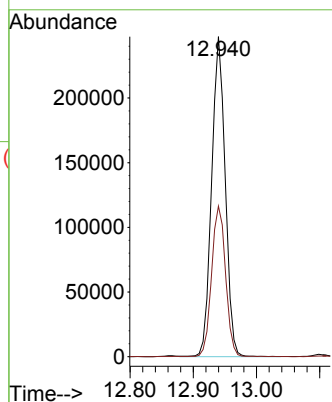
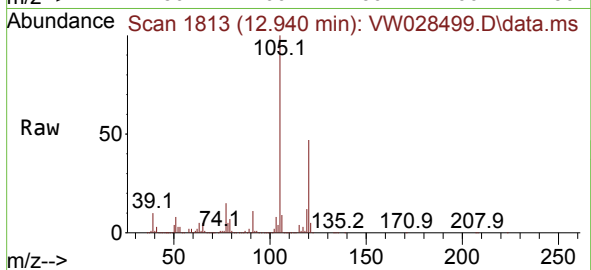
ClientSampleId :

Tgt Ion:105 Resp: 369439

Ion Ratio Lower Upper

105 100

120 48.3 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 28.011 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028499.D

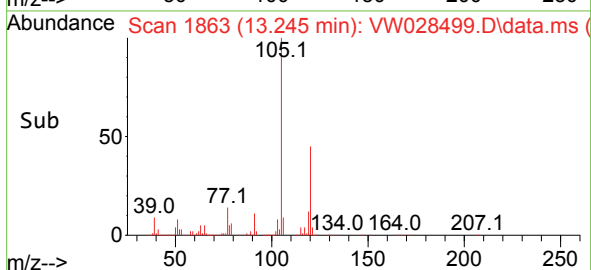
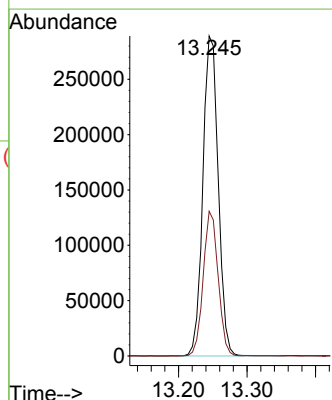
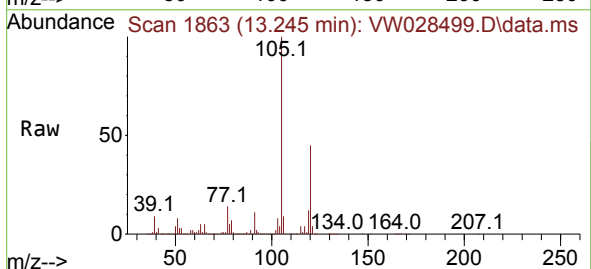
Acq: 22 Apr 2024 09:37

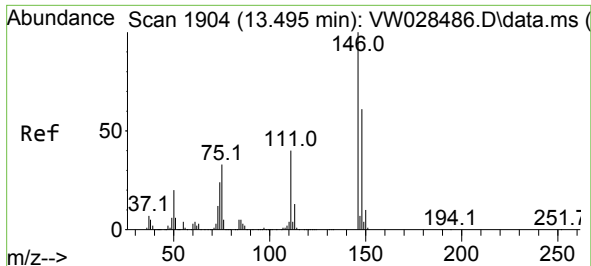
Tgt Ion:105 Resp: 451158

Ion Ratio Lower Upper

105 100

120 43.8 35.4 53.0

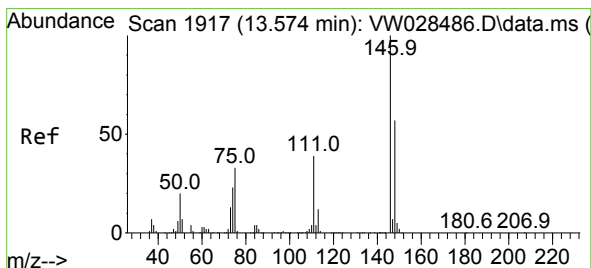
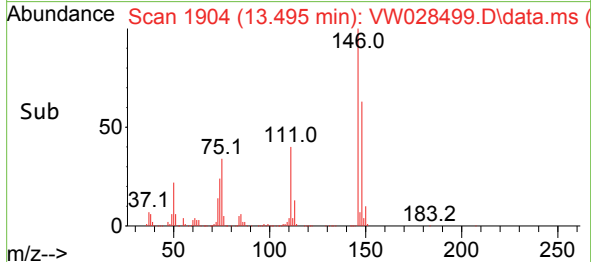
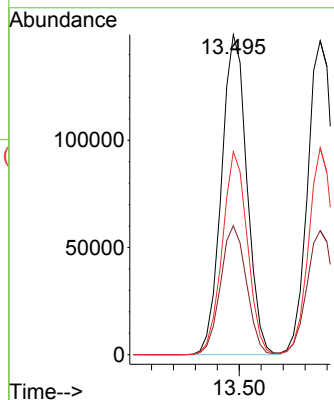
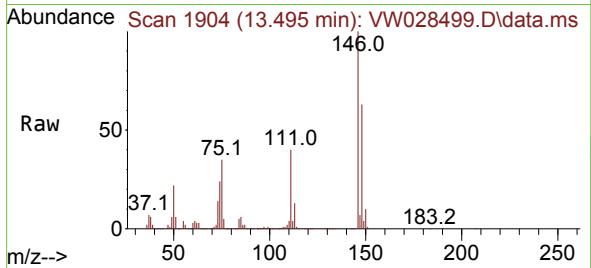




#64
1,3-Dichlorobenzene
Concen: 26.992 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

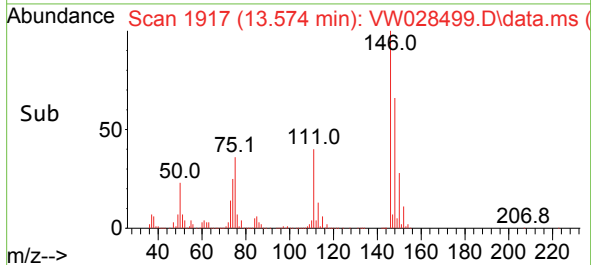
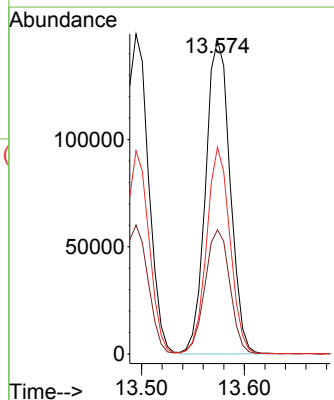
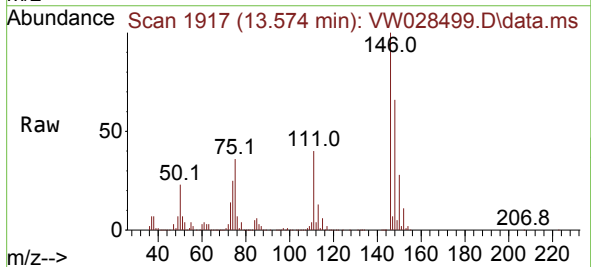
Instrument :
MSVOA_W
ClientSampleId :

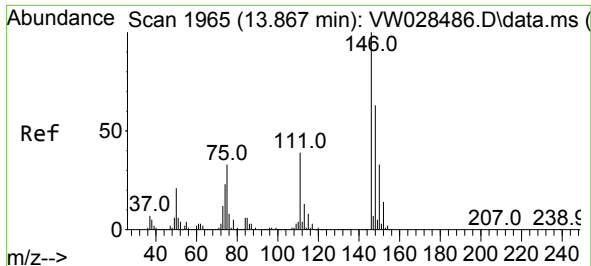
Tgt Ion:146 Resp: 240486
Ion Ratio Lower Upper
146 100
111 40.3 29.8 55.3
148 63.5 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 26.694 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028499.D
Acq: 22 Apr 2024 09:37

Tgt Ion:146 Resp: 241930
Ion Ratio Lower Upper
146 100
111 39.5 30.3 56.3
148 65.9 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 27.821 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

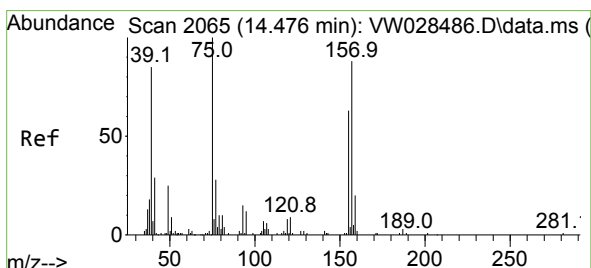
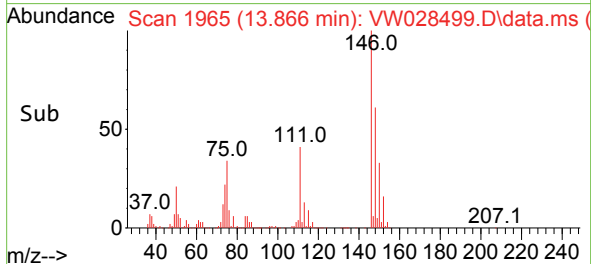
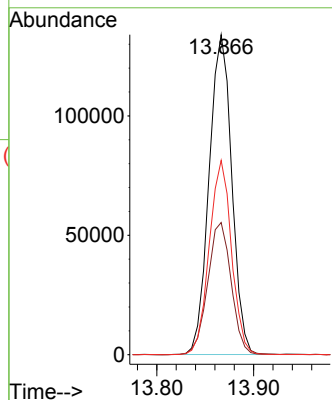
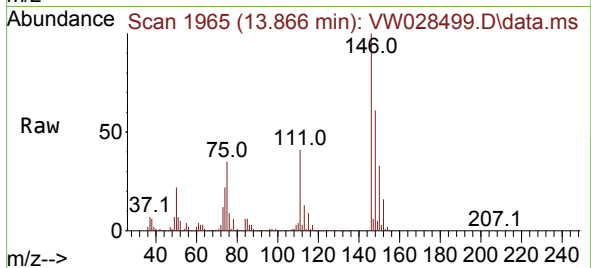
Tgt Ion:146 Resp: 218030

Ion Ratio Lower Upper

146 100

111 41.3 31.4 47.2

148 60.7 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.201 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

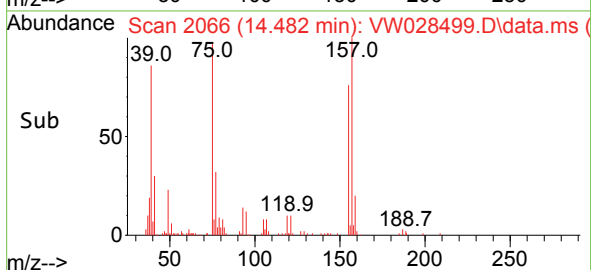
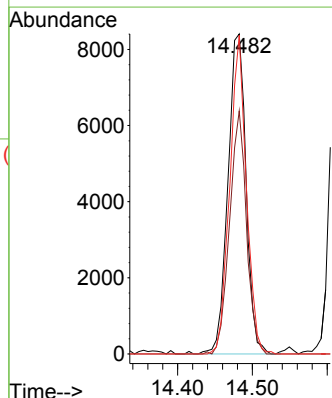
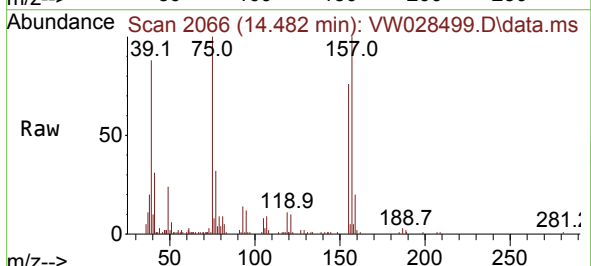
Tgt Ion: 75 Resp: 14201

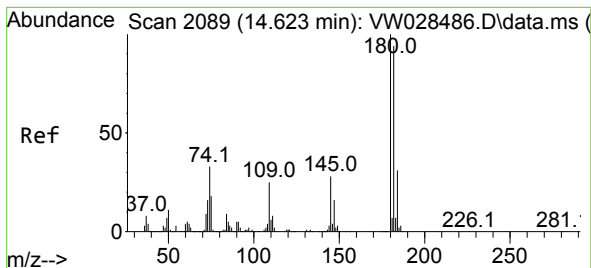
Ion Ratio Lower Upper

75 100

155 76.0 61.2 91.8

157 99.6 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 26.389 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

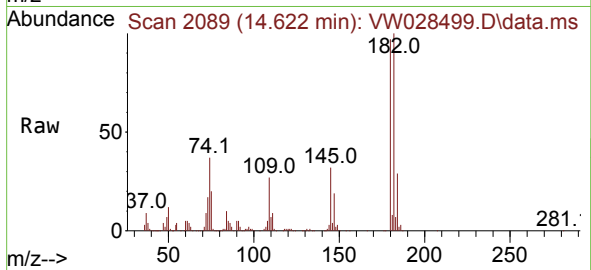
Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 161786

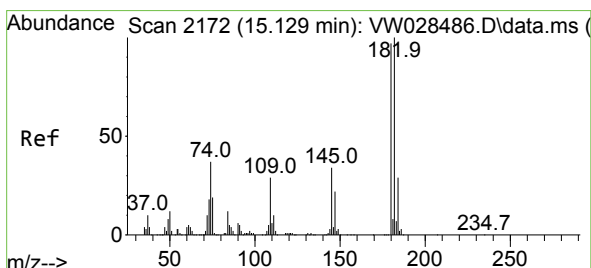
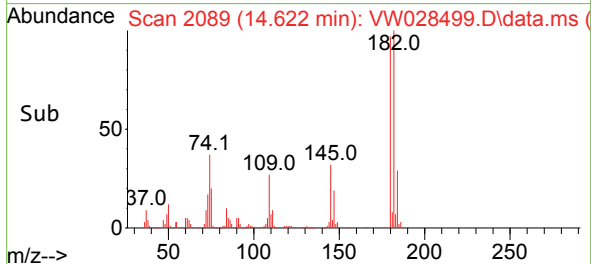
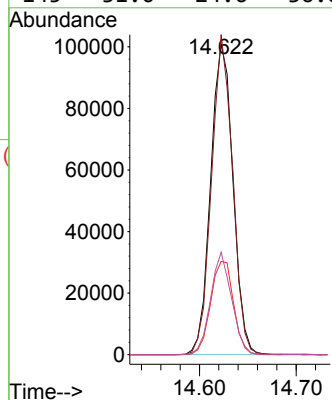
Ion Ratio Lower Upper

180 100

182 97.2 77.4 116.0

184 30.9 24.8 37.2

145 31.0 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 26.613 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

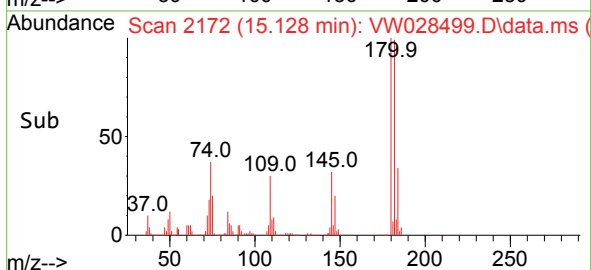
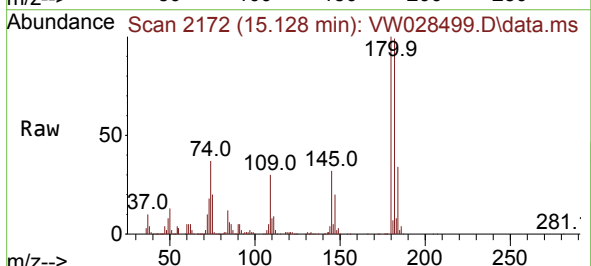
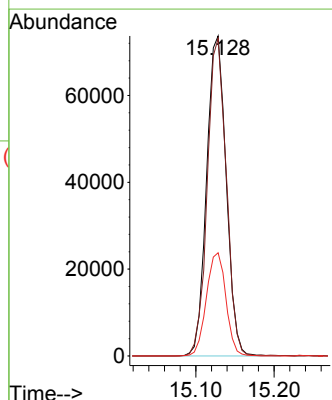
Tgt Ion:180 Resp: 127416

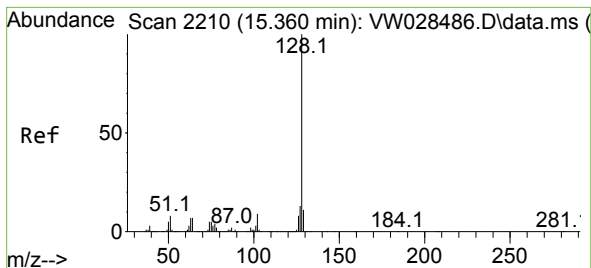
Ion Ratio Lower Upper

180 100

182 96.3 71.5 107.3

145 32.3 23.5 35.3





#71

Naphthalene

Concen: 27.814 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

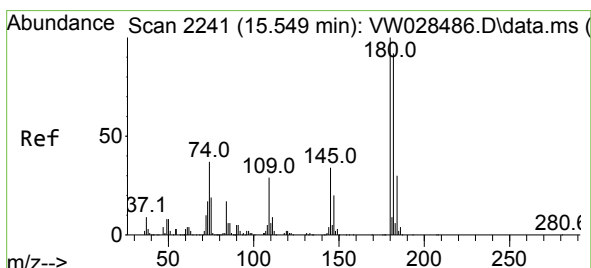
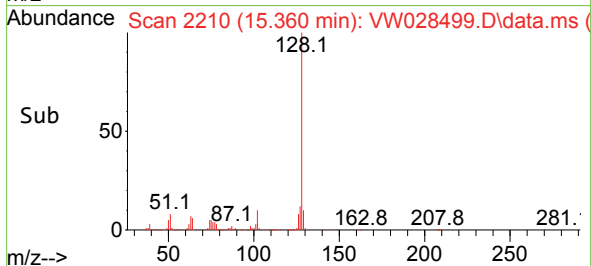
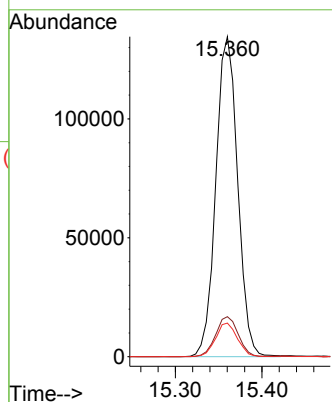
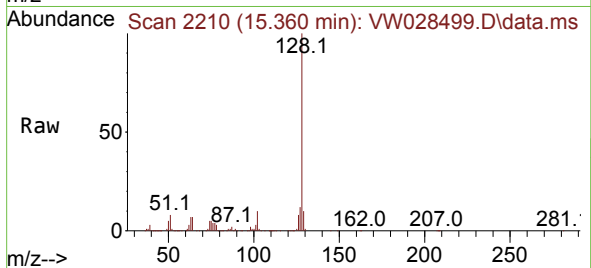
Tgt Ion:128 Resp: 235677

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.5 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.716 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028499.D

Acq: 22 Apr 2024 09:37

Tgt Ion:180 Resp: 113504

Ion Ratio Lower Upper

180 100

182 98.8 75.7 113.5

145 33.6 26.2 39.4

