

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031524\
 Data File : VW028202.D
 Acq On : 15 Mar 2024 10:54
 Operator : SY/MD
 Sample : P1742-20MS
 Misc : 4.73g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0755MS

Quant Time: Mar 18 01:30:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 18 01:23:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	262759	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	223001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	92666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	67169	21.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.400%
7) Chloroethane-d5	2.893	69	50154	23.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	4.021	65	48013	24.627	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.520%
21) 2-Butanone-d5	7.075	46	57579	63.499	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.000%
24) Chloroform-d	7.648	84	211582	27.308	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	8.301	65	121157	28.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.520%
32) Benzene-d6	8.270	84	404111	29.681	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.720%
36) 1,2-Dichloropropane-d6	9.276	67	115183	29.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.600%
41) Toluene-d8	10.319	98	361677	28.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.200%
43) trans-1,3-Dichloroprop...	10.575	79	53481	30.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.200%
47) 2-Hexanone-d5	10.922	63	47577	73.462	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.920%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89778	31.019	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.080%#
66) 1,2-Dichlorobenzene-d4	13.849	152	88750	26.291	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	65451	17.171	ug/L #	88
3) Chloromethane	2.223	50	49920	18.465	ug/L	99
5) Vinyl chloride	2.369	62	57280	18.744	ug/L	98
6) Bromomethane	2.783	94	35001	19.232	ug/L	93
8) Chloroethane	2.936	64	31451	19.148	ug/L	98
9) Trichlorofluoromethane	3.265	101	79918	21.630	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	66425	18.097	ug/L	96
12) 1,1-Dichloroethene	4.045	96	68810	20.280	ug/L	91
13) Acetone	4.125	43	47535	47.214	ug/L	100
14) Carbon disulfide	4.393	76	204745	19.347	ug/L	98
15) Methyl Acetate	4.673	43	34099	21.988	ug/L	99
16) Methylene chloride	4.923	84	70118	17.533	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	74020	20.527	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	120962	22.234	ug/L	99
19) 1,1-Dichloroethane	6.216	63	145304	20.815	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	81906	21.032	ug/L	95
22) 2-Butanone	7.173	43	54596	47.762	ug/L	96
23) Bromochloromethane	7.514	128	36027	20.925	ug/L	93
25) Chloroform	7.673	83	149836	20.849	ug/L	98

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 Response via : Initial Calibration

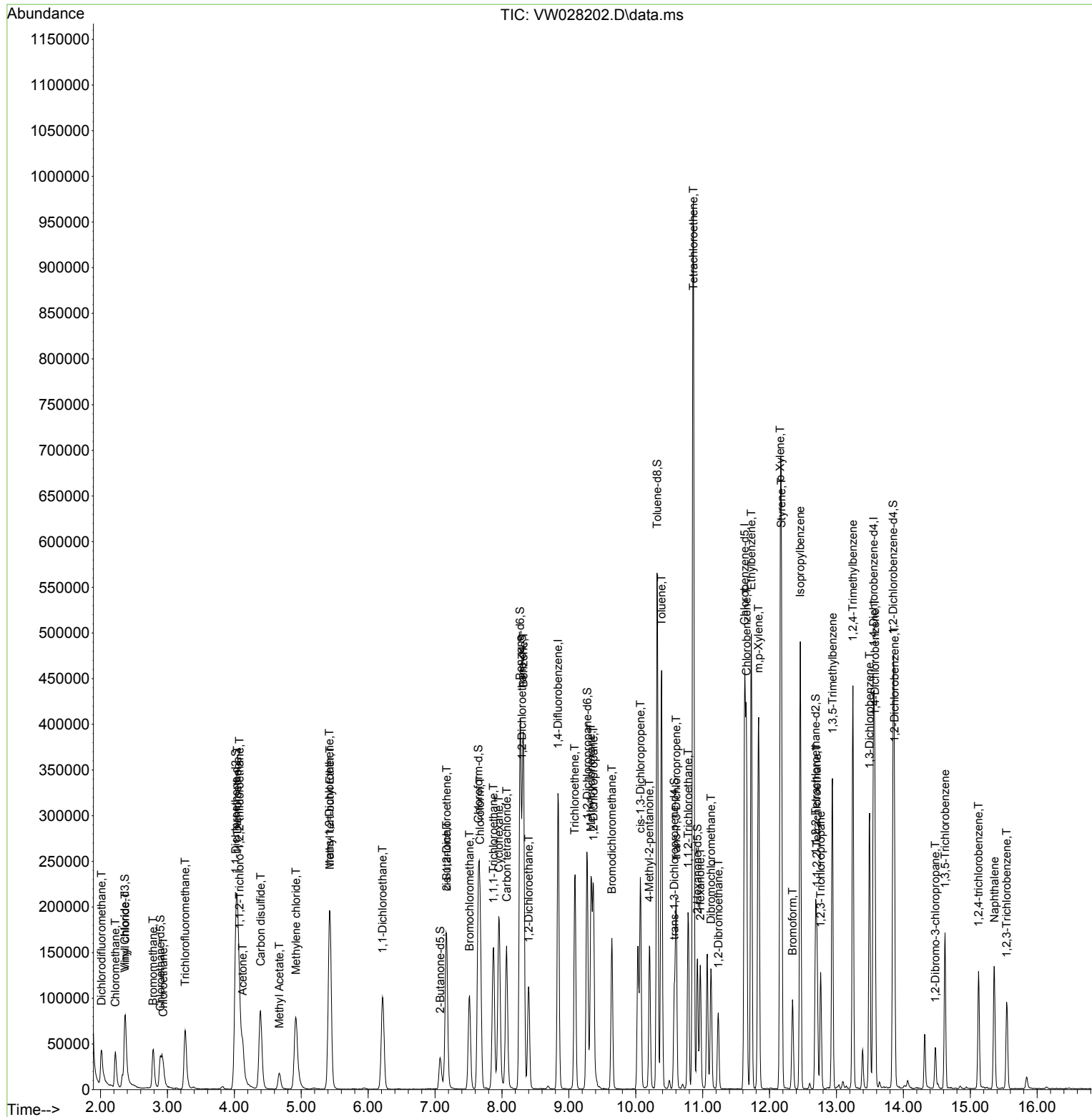
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27) 1,2-Dichloroethane	8.398	62	108266	21.332	ug/L	98
29) Cyclohexane	7.953	56	109208	18.775	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	129548	22.162	ug/L	99
31) Carbon tetrachloride	8.069	117	117595	21.446	ug/L	100
33) Benzene	8.319	78	305235	22.244	ug/L	100
34) Trichloroethene	9.087	95	82997	21.679	ug/L	92
35) Methylcyclohexane	9.331	83	87020	13.447	ug/L	97
37) 1,2-Dichloropropane	9.368	63	78533	22.375	ug/L	100
38) Bromodichloromethane	9.642	83	106190	22.440	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	130091	23.143	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	102436	52.872	ug/L	98
42) Toluene	10.386	91	325427	21.729	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	112232	23.649	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	58840	23.202	ug/L	98
46) Tetrachloroethene	10.861	164	220514	71.455	ug/L	98
48) 2-Hexanone	10.965	43	83903	55.285	ug/L	98
49) Dibromochloromethane	11.123	129	67656	22.527	ug/L	94
50) 1,2-Dibromoethane	11.233	107	55634	22.943	ug/L	94
51) Chlorobenzene	11.654	112	194441	20.455	ug/L	98
52) Ethylbenzene	11.727	91	342941	19.616	ug/L	99
53) m,p-Xylene	11.837	106	127621	19.398	ug/L	100
54) o-Xylene	12.160	106	120761	19.794	ug/L	93
55) Styrene	12.178	104	210898	20.125	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	66655	22.979	ug/L	98
59) Bromoform	12.343	173	38988	28.078	ug/L	99
60) Isopropylbenzene	12.459	105	301418	21.893	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	51702	29.234	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	183266	19.838	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	230639	20.676	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	118845	19.349	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	123018	20.029	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	110096	20.814	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11919	28.690	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	49977	11.681	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	38907	10.704	ug/L	100
71) Naphthalene	15.360	128	113087	18.127	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	31193	10.410	ug/L	98

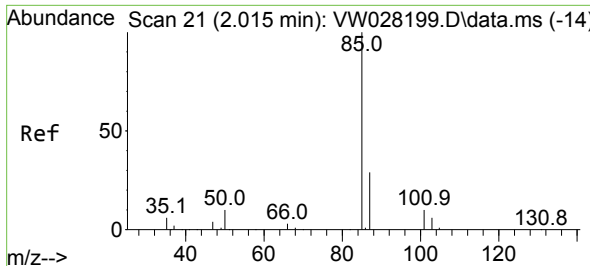
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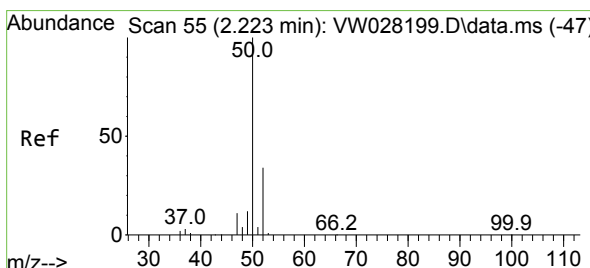
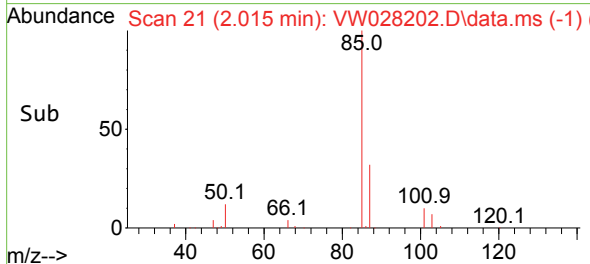
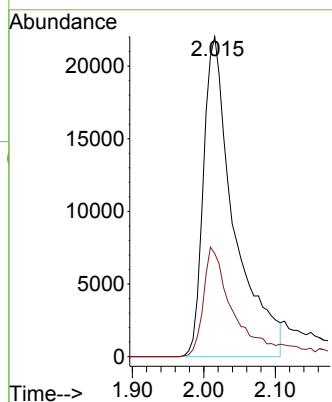
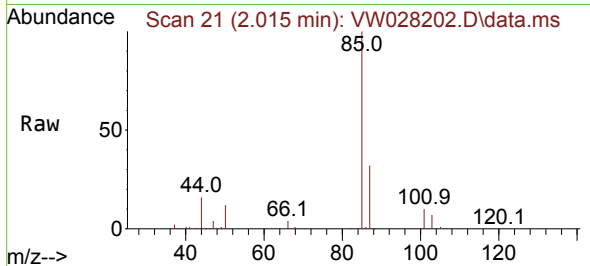




#2
Dichlorodifluoromethane
Concen: 17.171 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

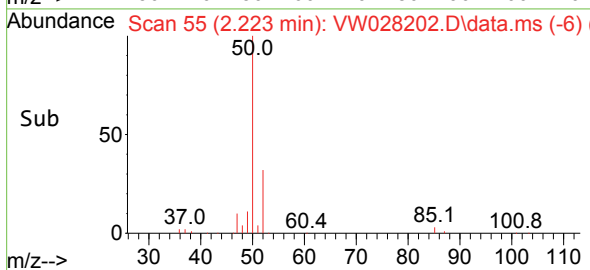
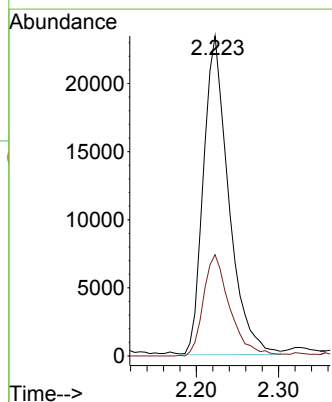
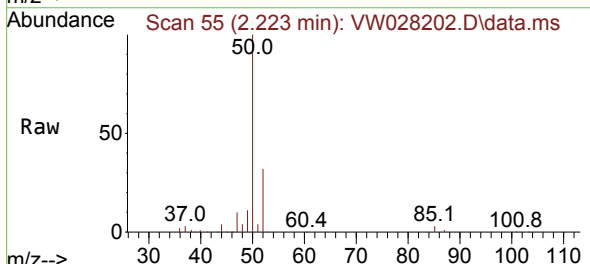
Instrument :
MSVOA_W
ClientSampleId :
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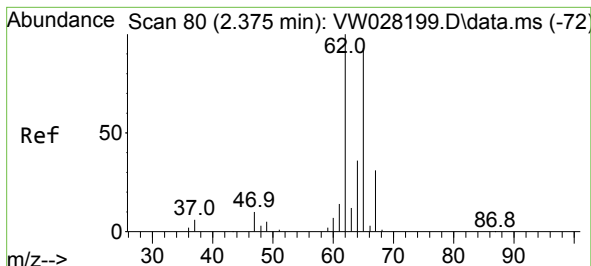
Tgt Ion: 85 Resp: 65451
Ion Ratio Lower Upper
85 100
87 32.5 20.9 31.3#



#3
Chloromethane
Concen: 18.465 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion: 50 Resp: 49920
Ion Ratio Lower Upper
50 100
52 31.6 22.7 42.1





#5

Vinyl chloride

Concen: 18.744 ug/L

RT: 2.369 min Scan# 79

Delta R.T. -0.006 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

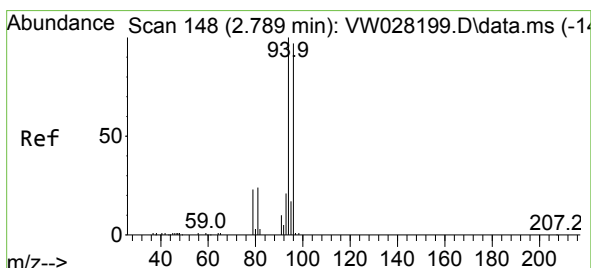
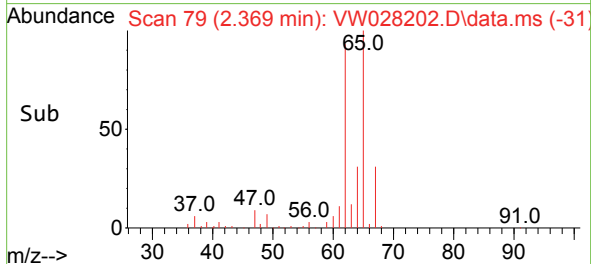
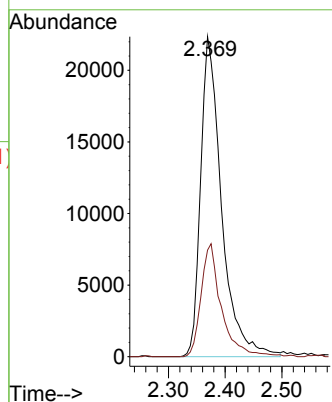
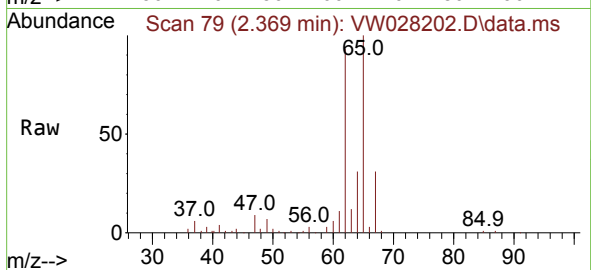
E0755MS

Tgt Ion: 62 Resp: 57280

Ion Ratio Lower Upper

62 100

64 33.3 22.5 41.7



#6

Bromomethane

Concen: 19.232 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW028202.D

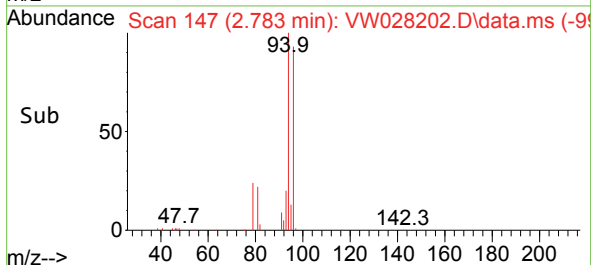
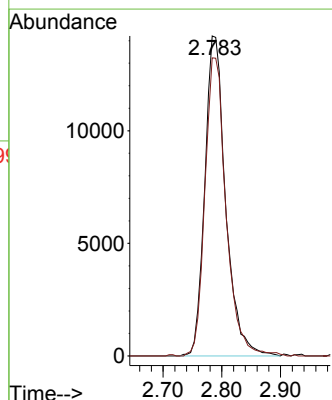
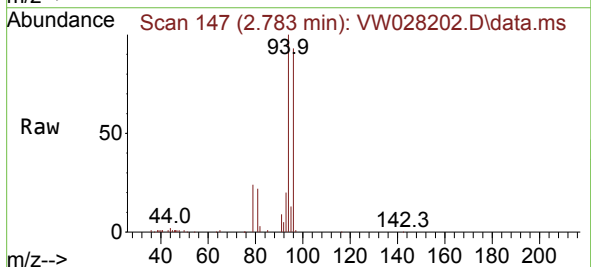
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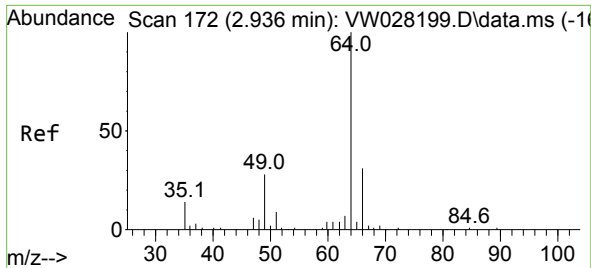
Tgt Ion: 94 Resp: 35001

Ion Ratio Lower Upper

94 100

96 93.1 60.8 113.0

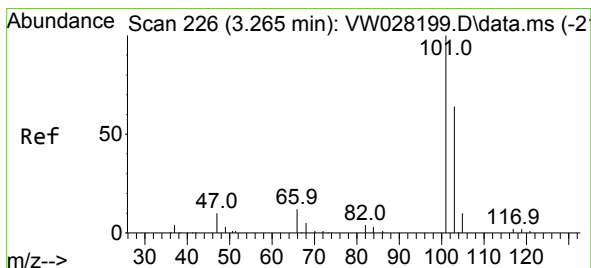
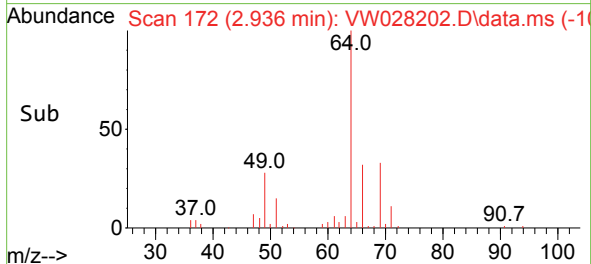
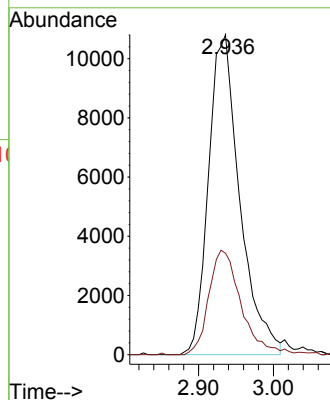
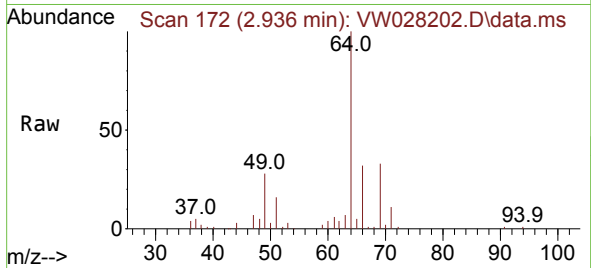




#8
Chloroethane
Concen: 19.148 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

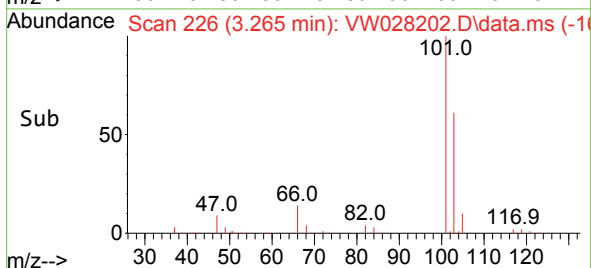
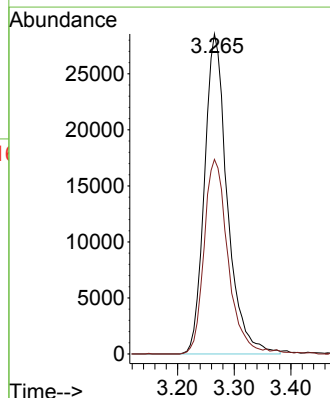
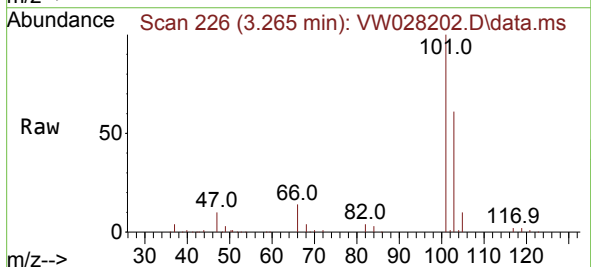
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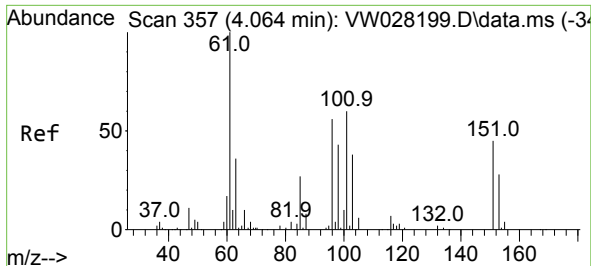
Tgt Ion: 64 Resp: 31451
Ion Ratio Lower Upper
64 100
66 31.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 21.630 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion:101 Resp: 79918
Ion Ratio Lower Upper
101 100
103 63.0 50.9 76.3

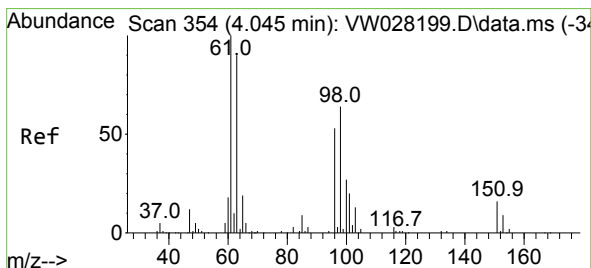
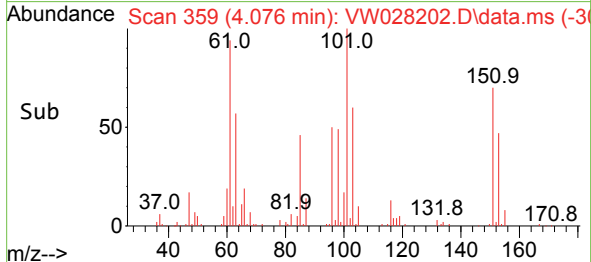
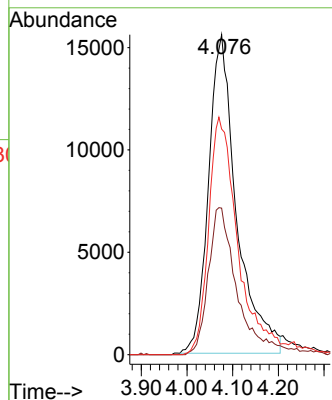
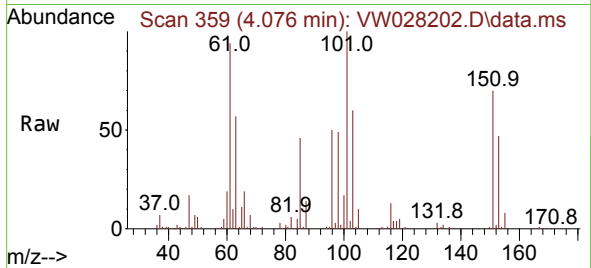




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.097 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.012 min
 Lab File: VW028202.D
 Acq: 15 Mar 2024 10:54

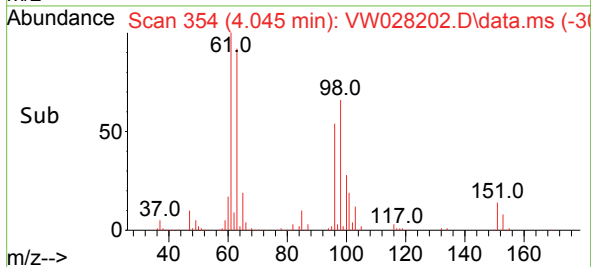
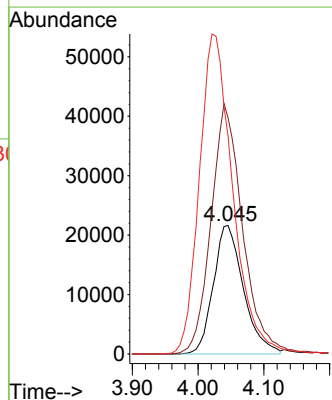
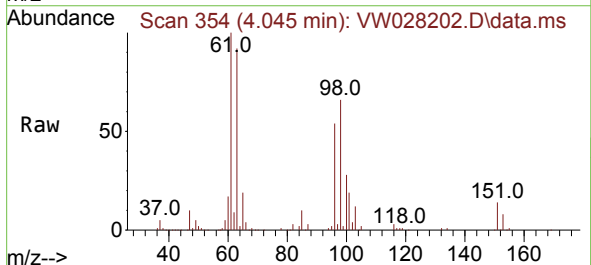
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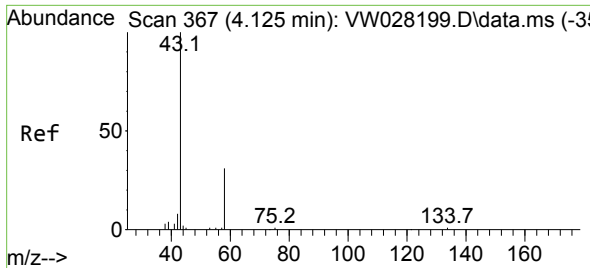
Tgt Ion:101 Resp: 66425
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.4 54.6
 151 77.4 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 20.280 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028202.D
 Acq: 15 Mar 2024 10:54

Tgt Ion: 96 Resp: 68810
 Ion Ratio Lower Upper
 96 100
 61 183.9 132.2 245.4
 63 169.8 104.6 194.2





#13

Acetone

Concen: 47.214 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

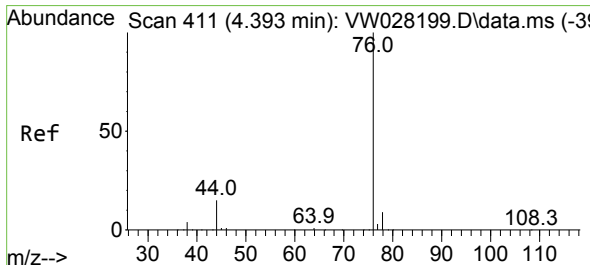
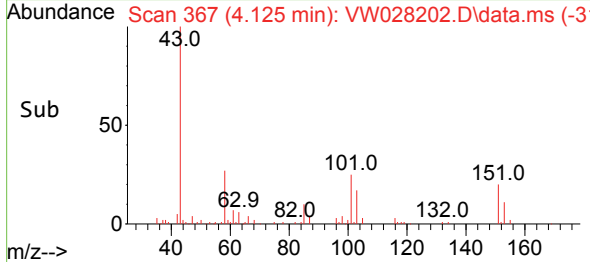
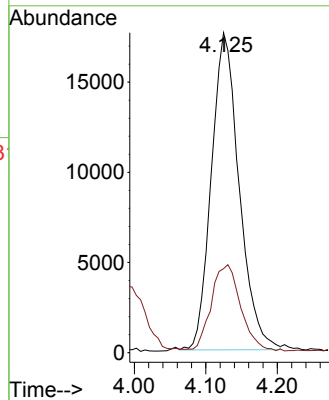
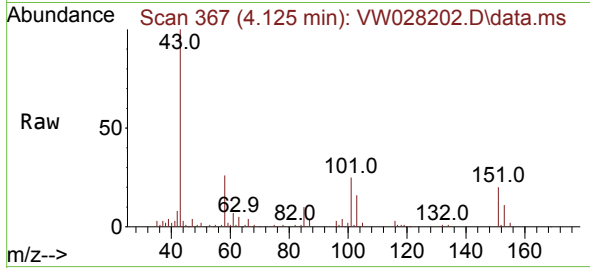
E0755MS

Tgt Ion: 43 Resp: 47535

Ion Ratio Lower Upper

43 100

58 29.1 0.0 57.8



#14

Carbon disulfide

Concen: 19.347 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

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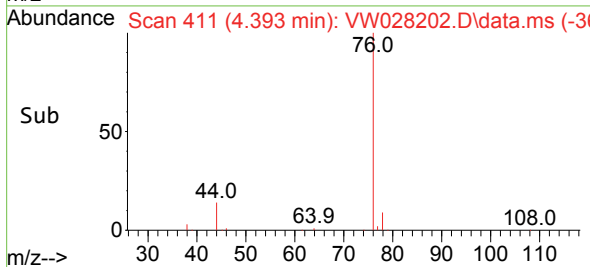
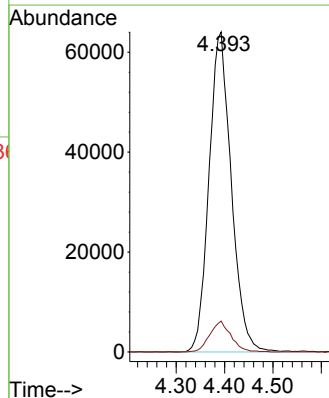
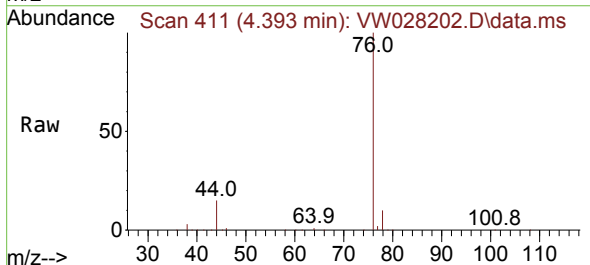
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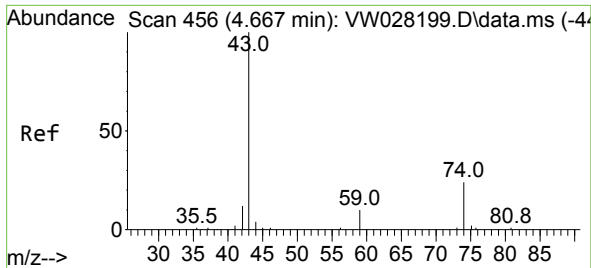
Tgt Ion: 76 Resp: 204745

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

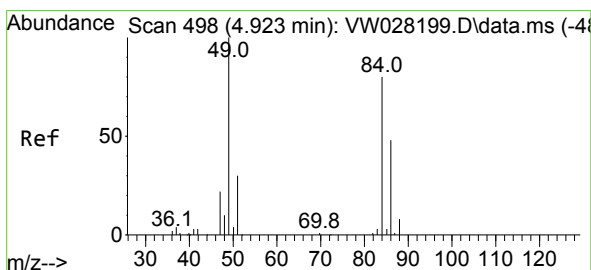
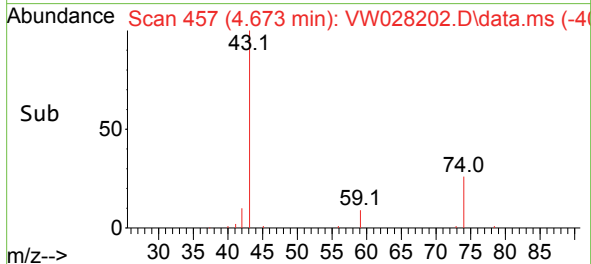
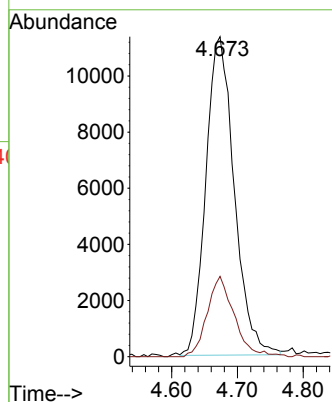
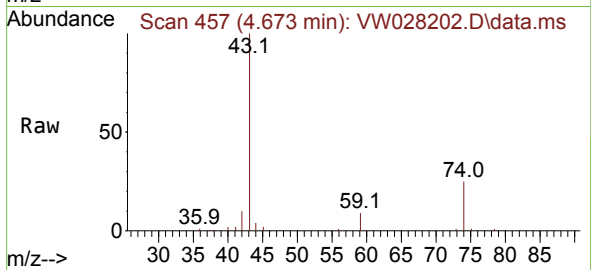




#15
Methyl Acetate
Concen: 21.988 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

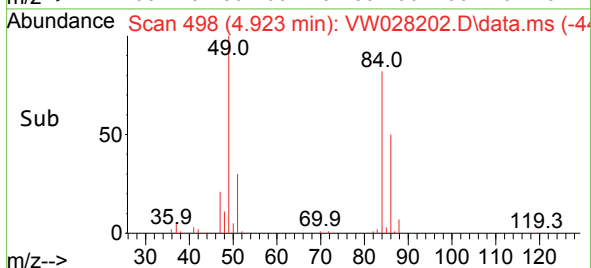
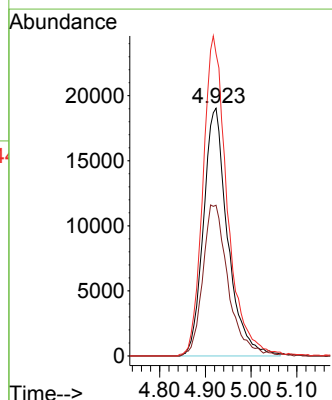
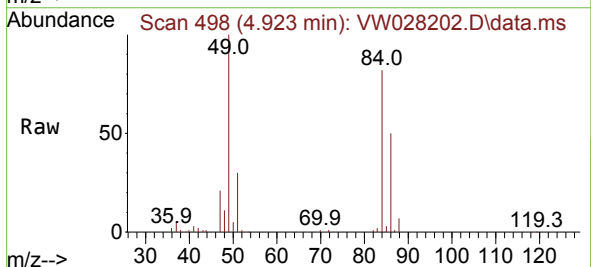
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

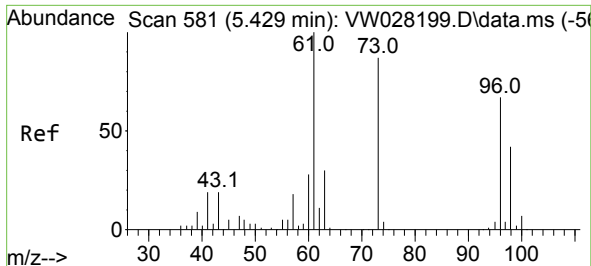
Tgt Ion: 43 Resp: 34099
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.2



#16
Methylene chloride
Concen: 17.533 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion: 84 Resp: 70118
Ion Ratio Lower Upper
84 100
86 60.8 43.1 80.1
49 122.0 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 20.527 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

E0755MS

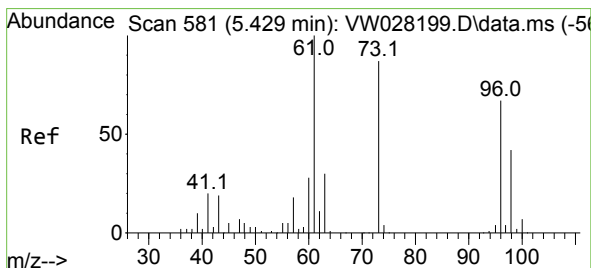
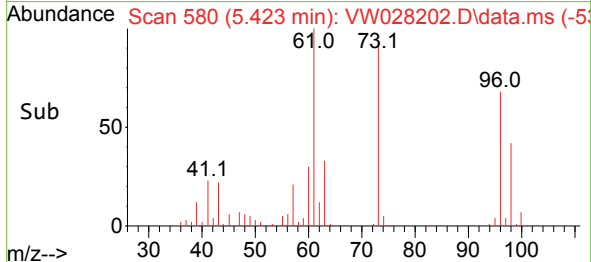
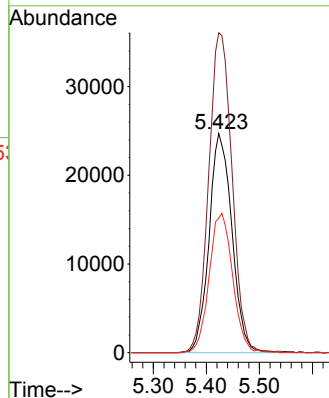
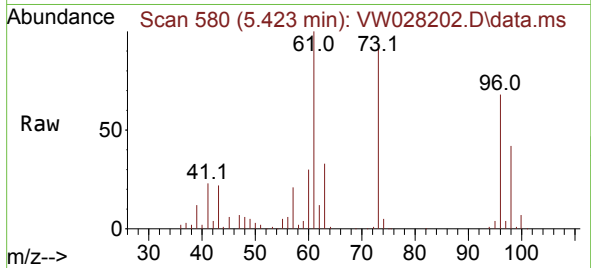
Tgt Ion: 96 Resp: 74020

Ion Ratio Lower Upper

96 100

61 146.0 98.4 182.8

98 61.4 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 22.234 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

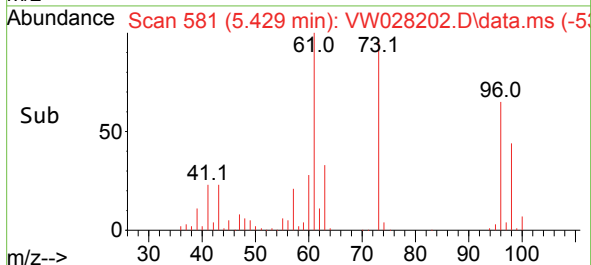
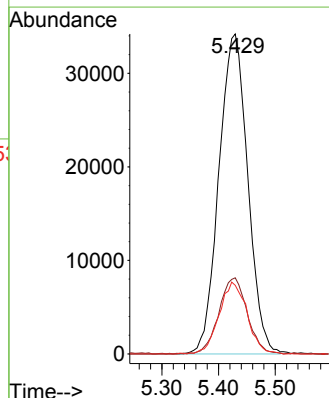
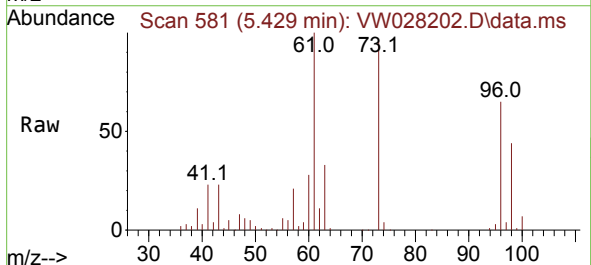
Tgt Ion: 73 Resp: 120962

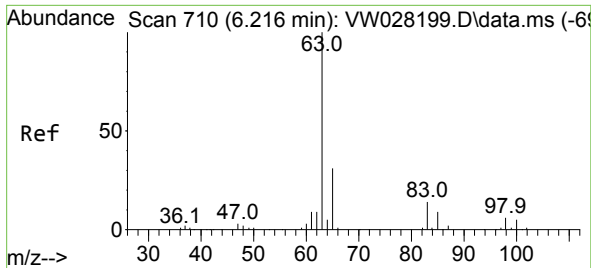
Ion Ratio Lower Upper

73 100

43 23.3 18.2 27.4

57 21.8 17.4 26.2

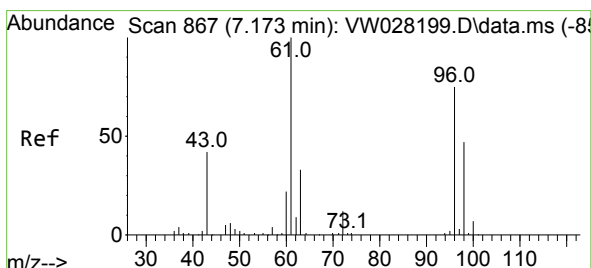
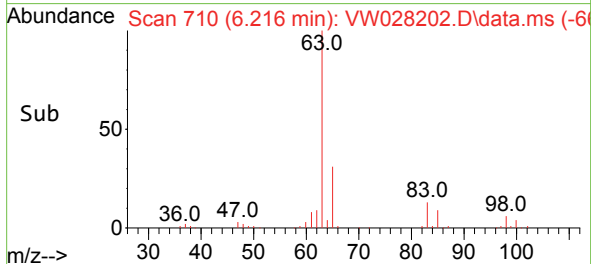
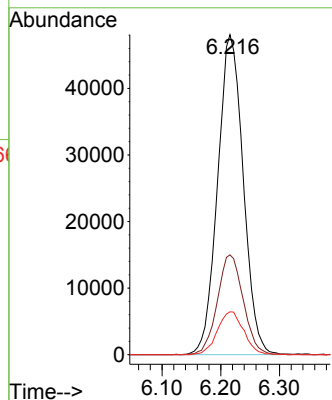
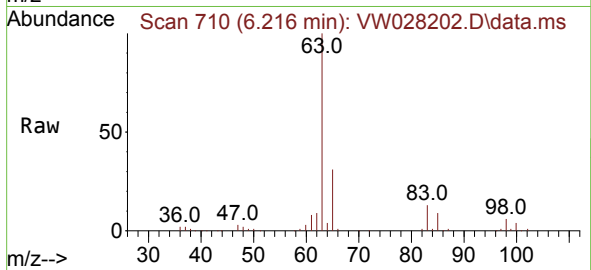




#19
1,1-Dichloroethane
Concen: 20.815 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

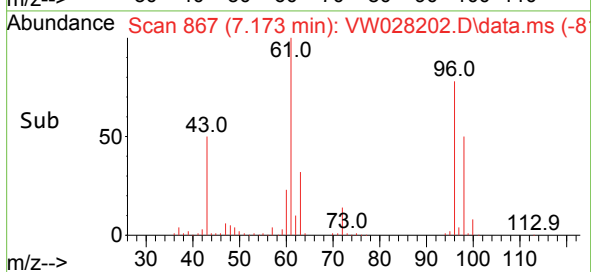
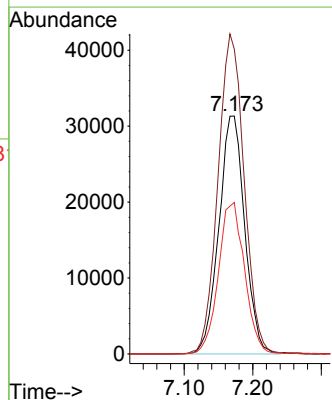
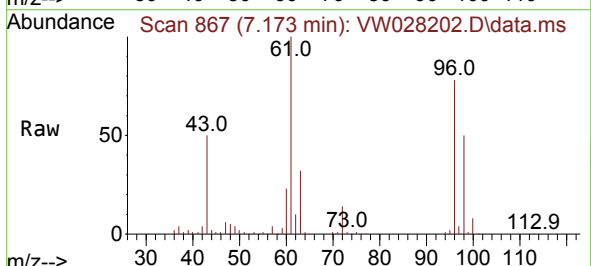
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

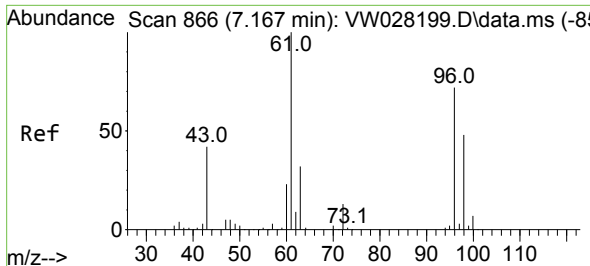
Tgt Ion: 63 Resp: 145304
Ion Ratio Lower Upper
63 100
65 31.2 22.1 41.1
83 13.4 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 21.032 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion: 96 Resp: 81906
Ion Ratio Lower Upper
96 100
61 128.2 95.7 177.7
98 63.7 43.9 81.5

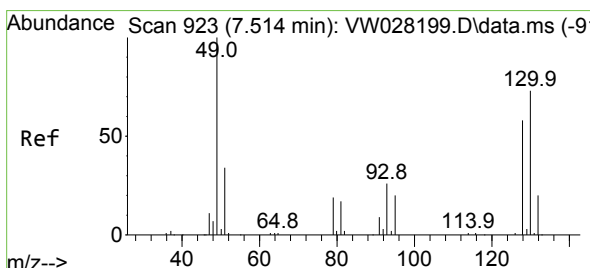
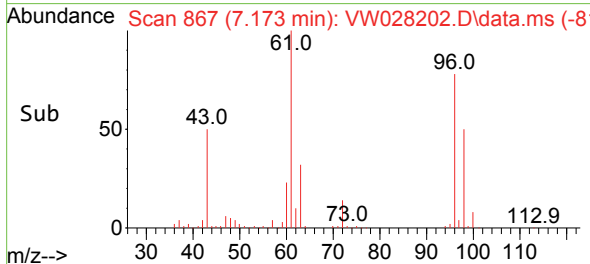
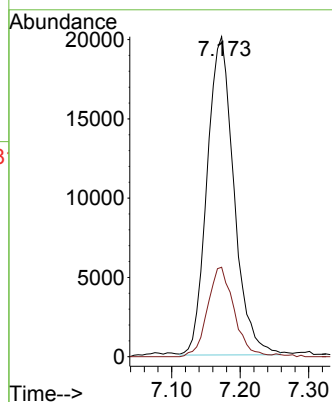
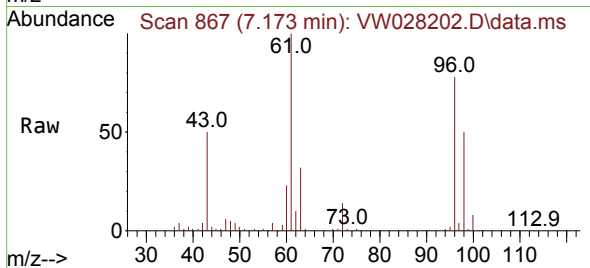




#22
2-Butanone
Concen: 47.762 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

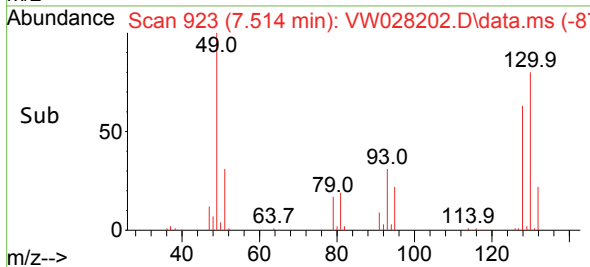
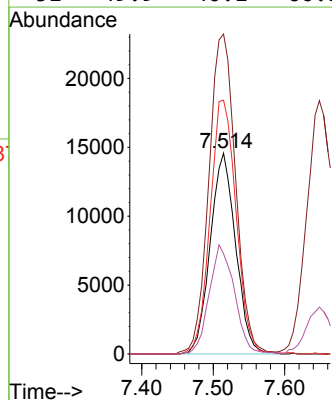
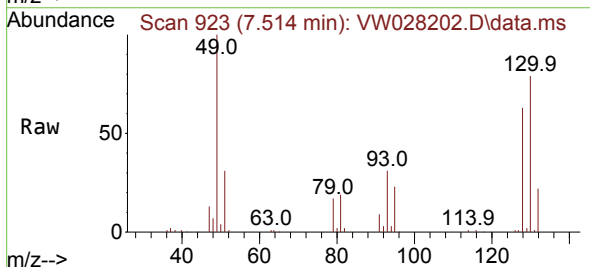
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

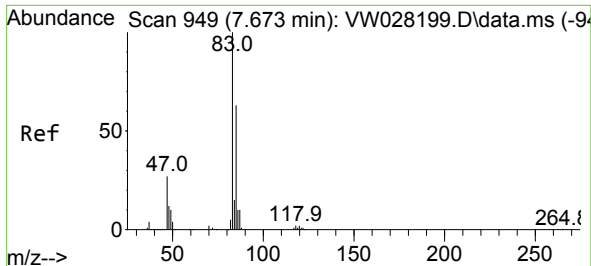
Tgt Ion: 43 Resp: 54596
Ion Ratio Lower Upper
43 100
72 27.6 12.8 38.4



#23
Bromochloromethane
Concen: 20.925 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion: 128 Resp: 36027
Ion Ratio Lower Upper
128 100
49 159.4 116.6 216.6
130 126.4 80.1 148.7
51 49.9 40.1 60.1

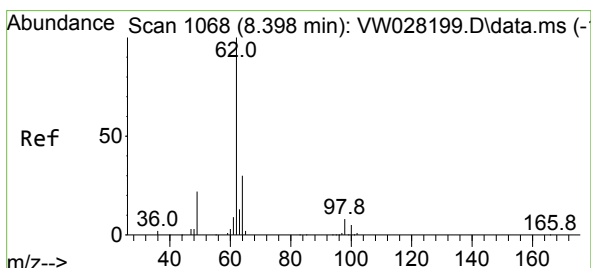
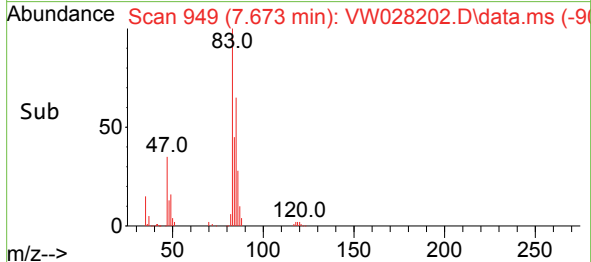
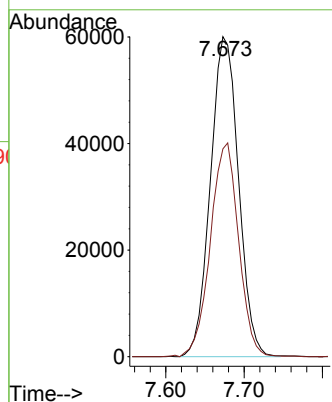
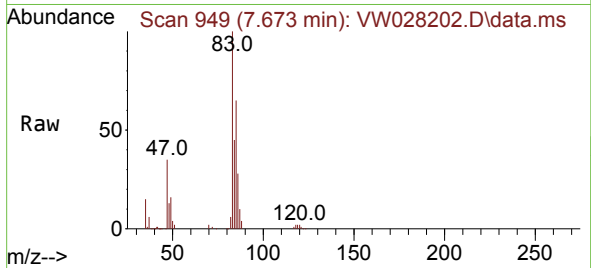




#25
Chloroform
Concen: 20.849 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

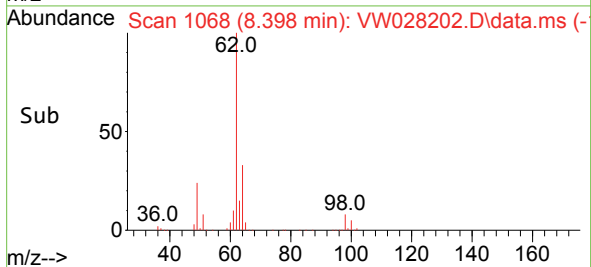
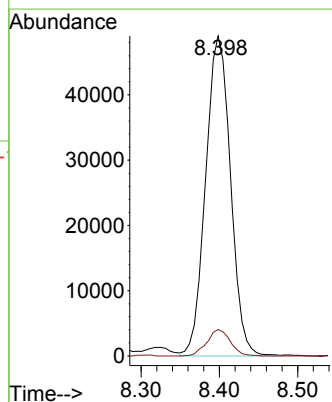
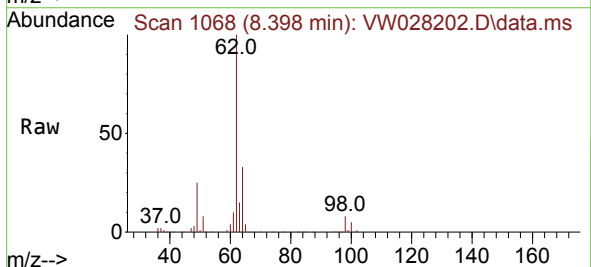
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

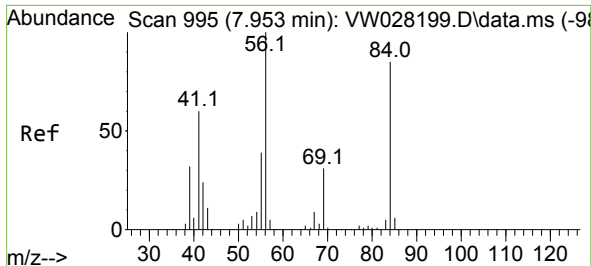
Tgt Ion: 83 Resp: 149836
Ion Ratio Lower Upper
83 100
85 65.0 44.5 82.7



#27
1,2-Dichloroethane
Concen: 21.332 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion: 62 Resp: 108266
Ion Ratio Lower Upper
62 100
98 8.2 5.9 8.9

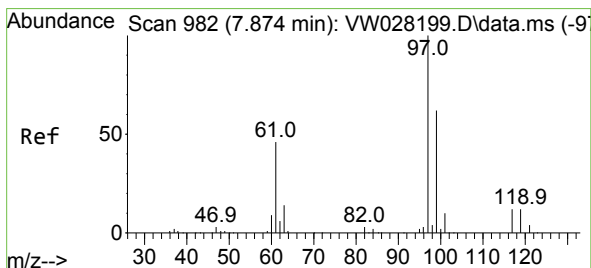
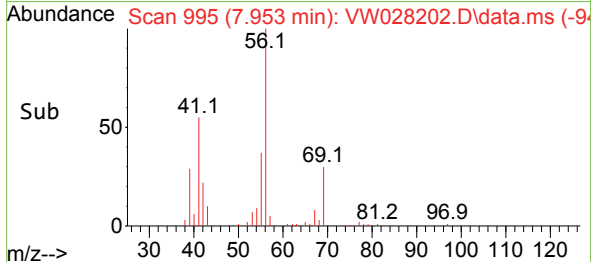
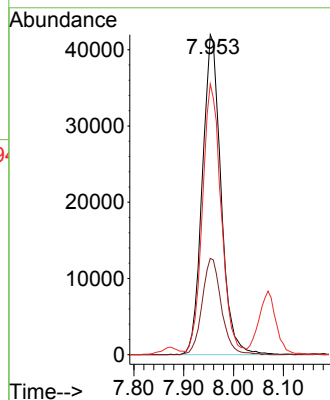
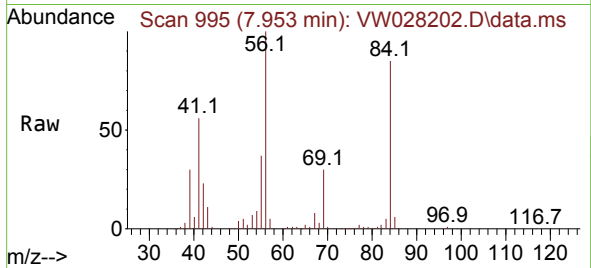




#29
Cyclohexane
Concen: 18.775 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

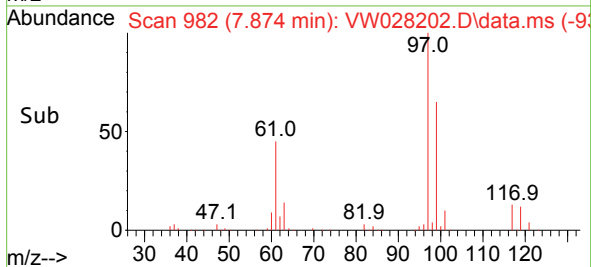
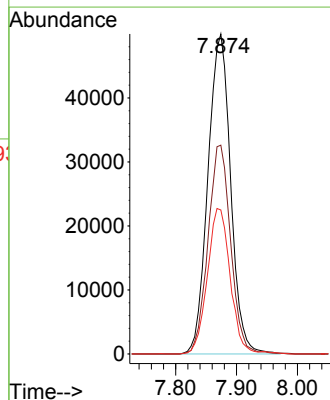
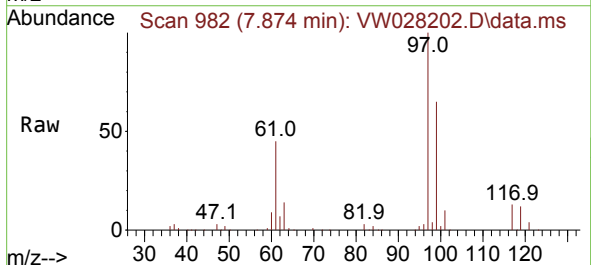
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

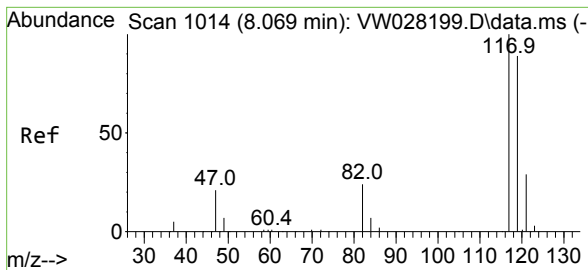
Tgt Ion: 56	Resp: 109208
Ion Ratio	Lower Upper
56 100	
69 30.7	24.0 36.0
84 84.8	68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 22.162 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion: 97	Resp: 129548
Ion Ratio	Lower Upper
97 100	
99 64.9	51.3 76.9
61 45.5	37.0 55.6

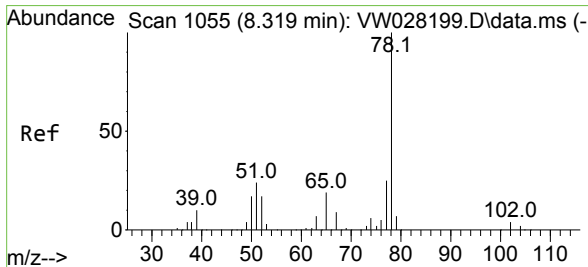
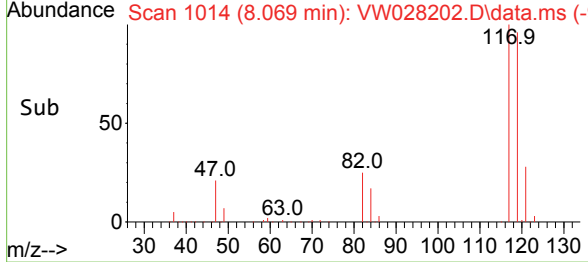
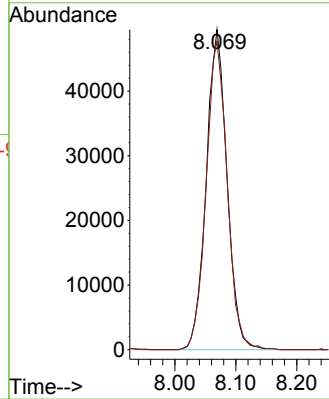
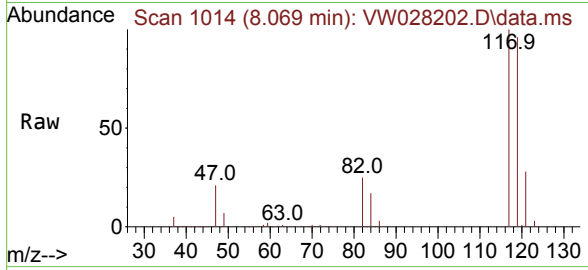




#31
Carbon tetrachloride
Concen: 21.446 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

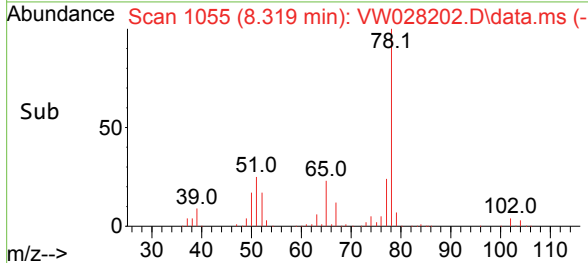
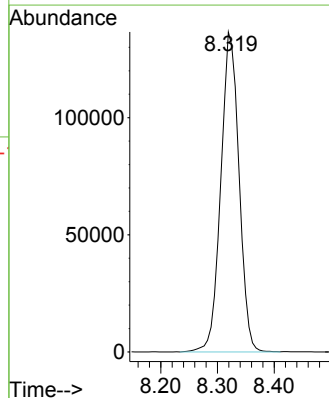
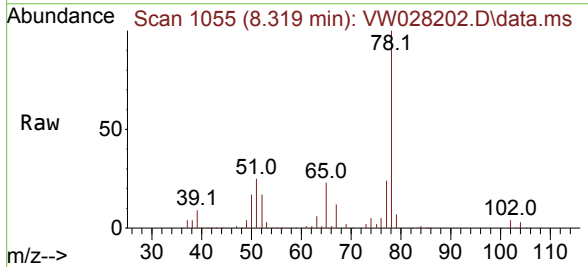
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

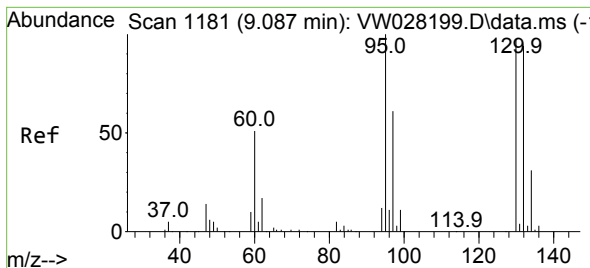
Tgt Ion:117 Resp: 117595
Ion Ratio Lower Upper
117 100
119 97.4 78.2 117.4



#33
Benzene
Concen: 22.244 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion: 78 Resp: 305235





#34

Trichloroethene

Concen: 21.679 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

E0755MS

Tgt Ion: 95 Resp: 82997

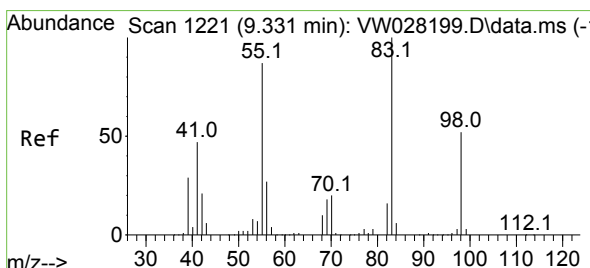
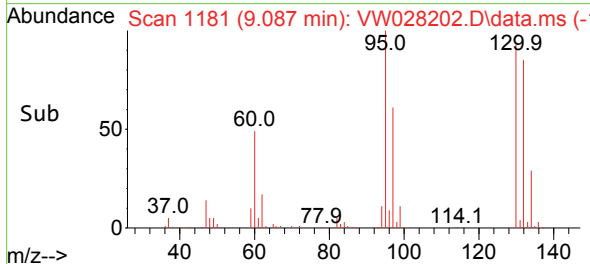
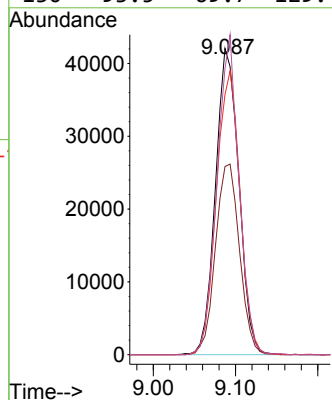
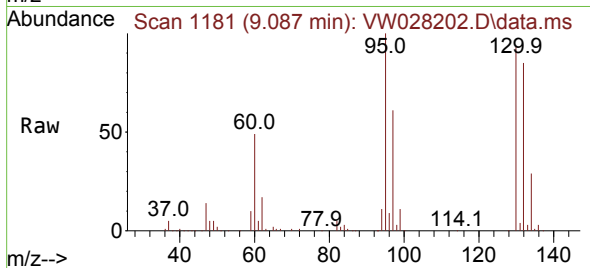
Ion Ratio Lower Upper

95 100

97 61.5 42.4 78.6

132 85.0 69.4 128.8

130 93.5 69.7 129.4



#35

Methylcyclohexane

Concen: 13.447 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

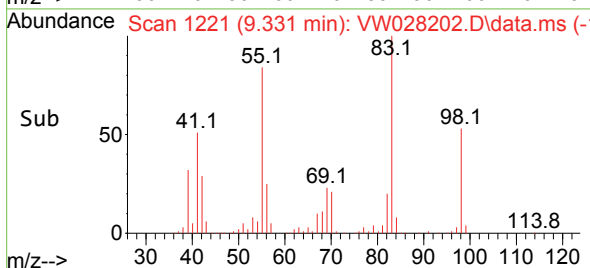
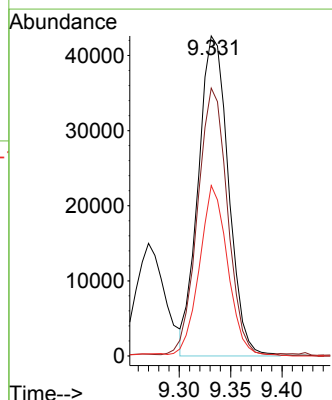
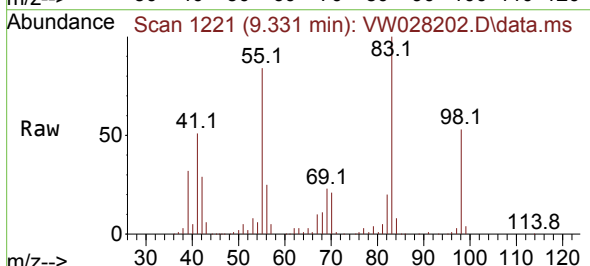
Tgt Ion: 83 Resp: 87020

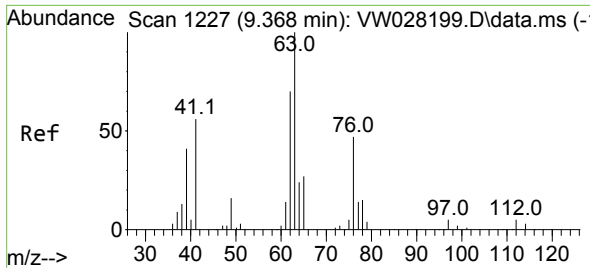
Ion Ratio Lower Upper

83 100

55 83.2 64.2 96.4

98 50.0 38.3 57.5

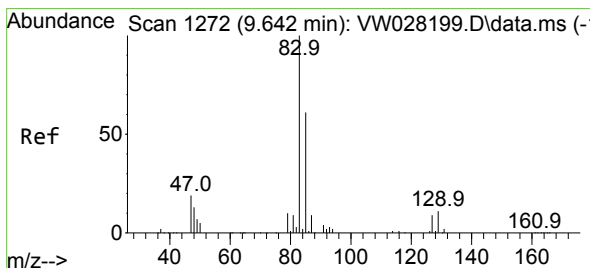
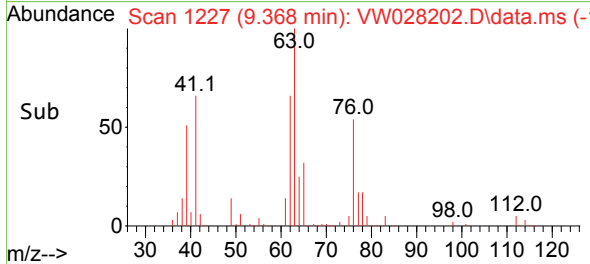
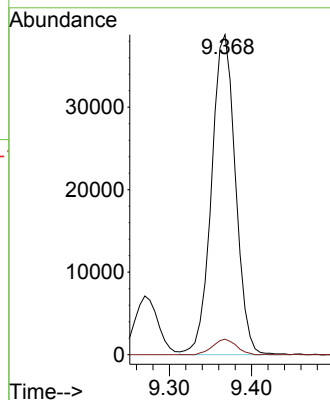
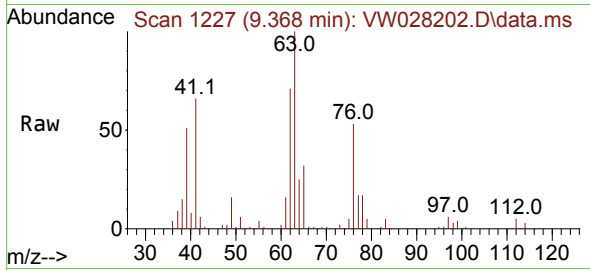




#37
1,2-Dichloropropane
Concen: 22.375 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

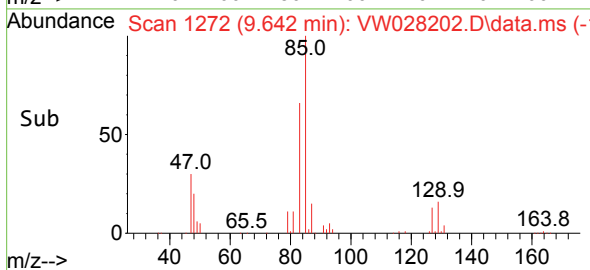
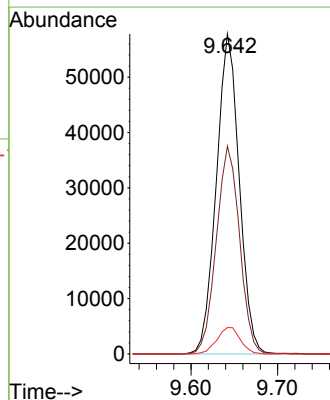
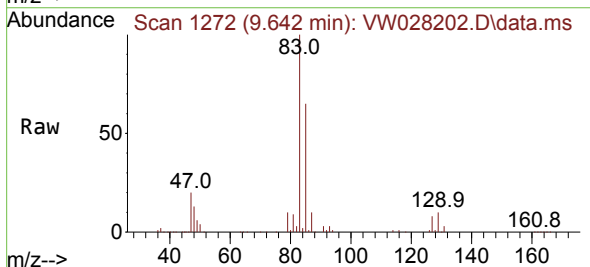
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

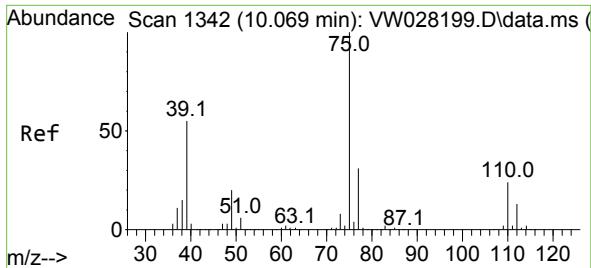
Tgt Ion: 63 Resp: 78533
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 22.440 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion: 83 Resp: 106190
Ion Ratio Lower Upper
83 100
85 65.0 45.8 85.2
127 8.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 23.143 ug/L

RT: 10.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

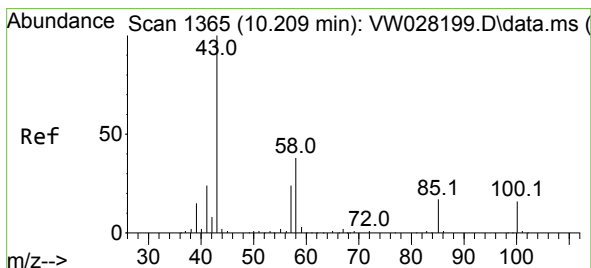
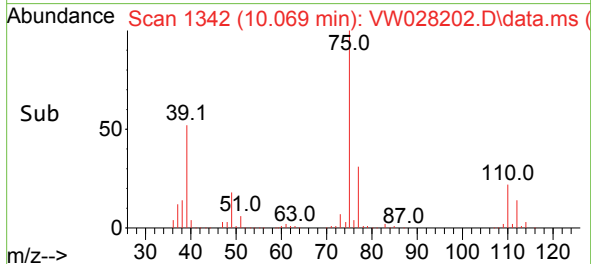
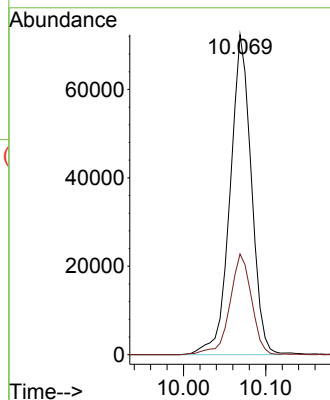
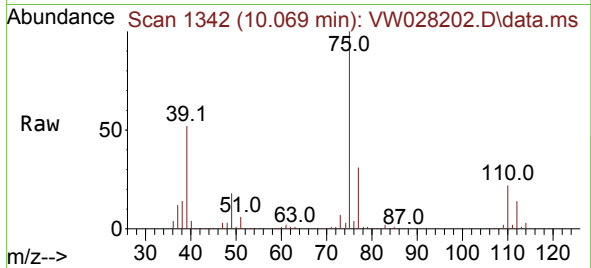
E0755MS

Tgt Ion: 75 Resp: 130091

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 52.872 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

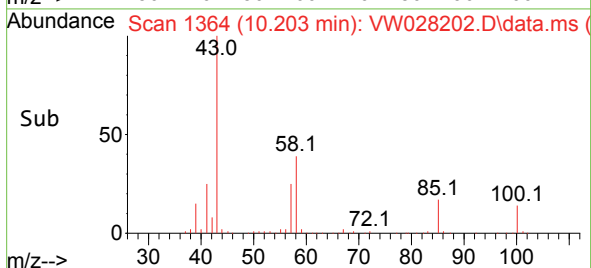
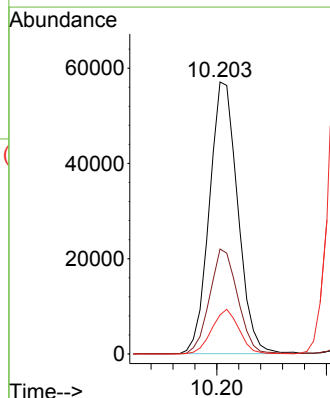
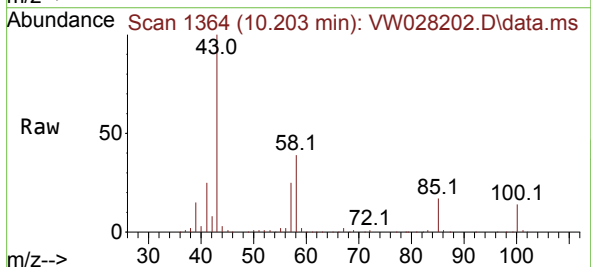
Tgt Ion: 43 Resp: 102436

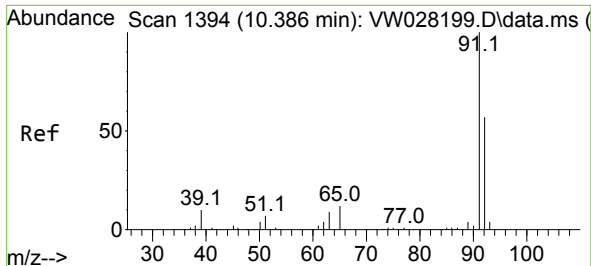
Ion Ratio Lower Upper

43 100

58 38.4 30.1 45.1

100 15.8 11.8 17.8





#42

Toluene

Concen: 21.729 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

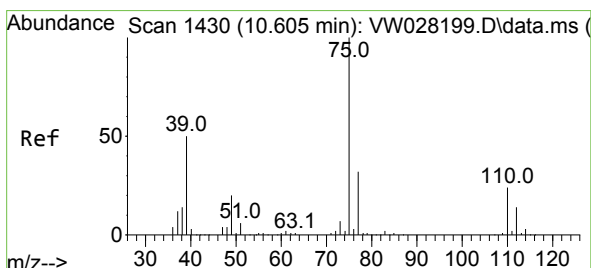
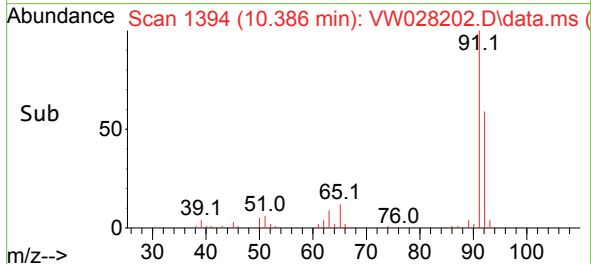
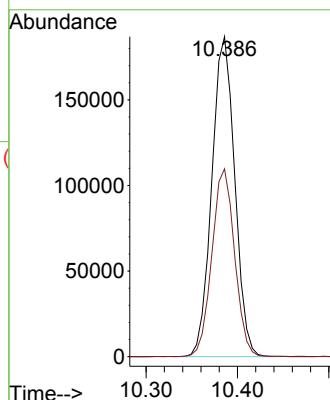
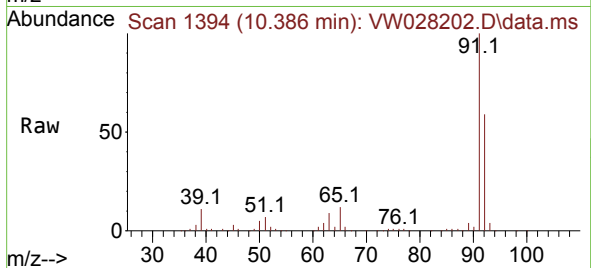
E0755MS

Tgt Ion: 91 Resp: 325427

Ion Ratio Lower Upper

91 100

92 58.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 23.649 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028202.D

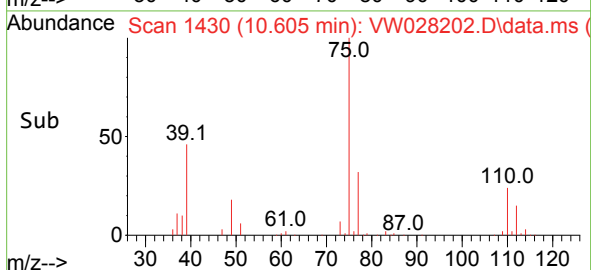
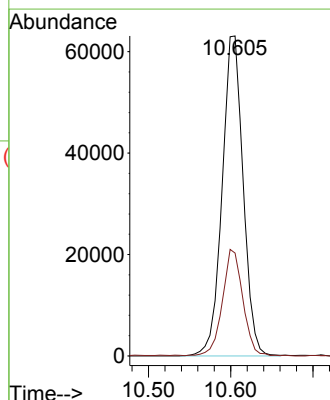
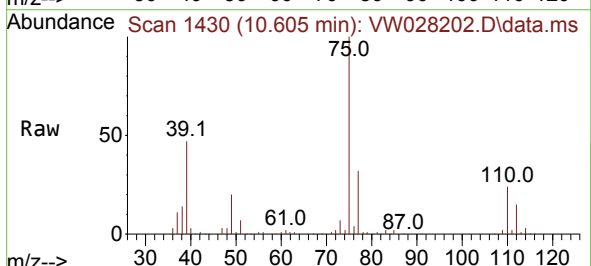
Acq: 15 Mar 2024 10:54

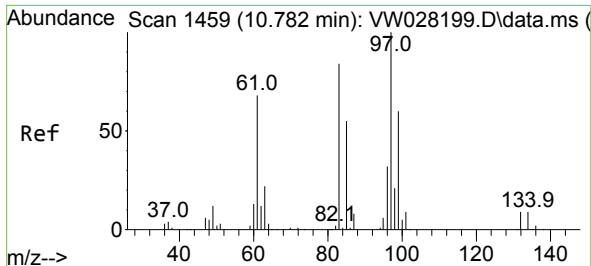
Tgt Ion: 75 Resp: 112232

Ion Ratio Lower Upper

75 100

77 32.2 23.0 42.6

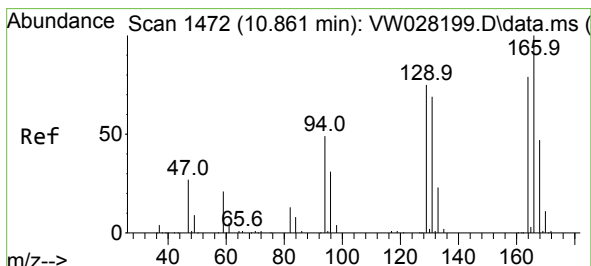
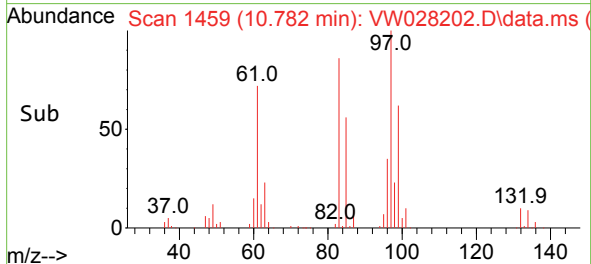
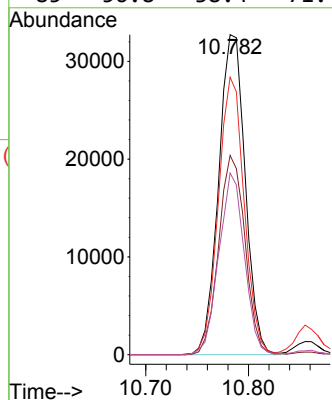
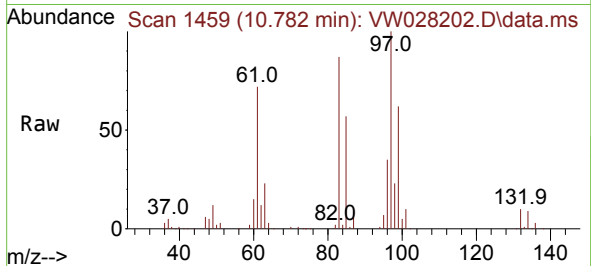




#45
1,1,2-Trichloroethane
Concen: 23.202 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

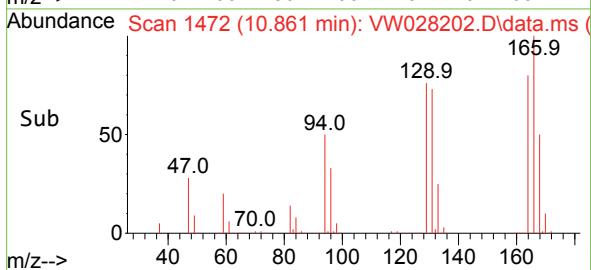
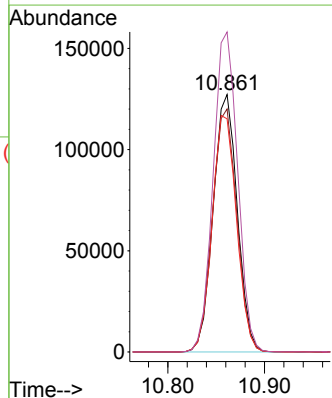
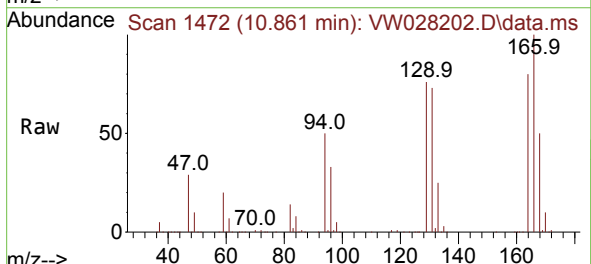
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

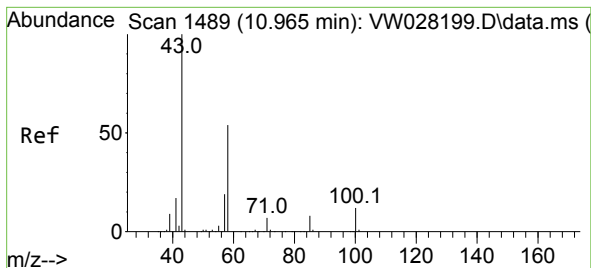
Tgt Ion:	97	Resp:	58840
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.4	80.6
83	86.7	59.4	110.4
85	56.8	38.4	71.4



#46
Tetrachloroethene
Concen: 71.455 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion:	164	Resp:	220514
Ion	Ratio	Lower	Upper
164	100		
129	94.4	64.0	119.0
131	90.5	62.6	116.3
166	124.3	84.7	157.3





#48

2-Hexanone

Concen: 55.285 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

E0755MS

Tgt Ion: 43 Resp: 83903

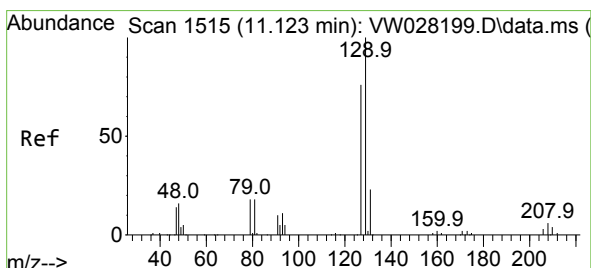
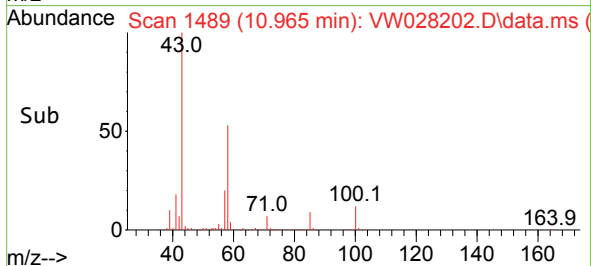
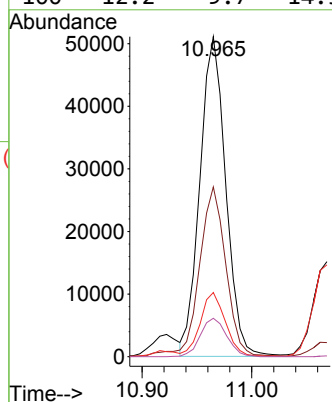
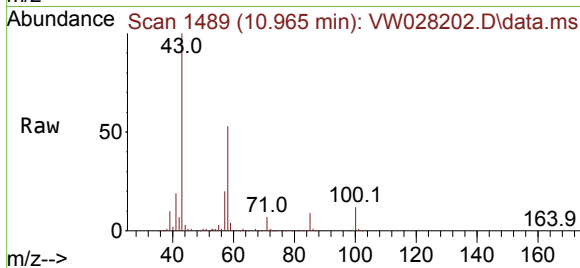
Ion Ratio Lower Upper

43 100

58 52.7 40.6 61.0

57 19.7 15.7 23.5

100 12.2 9.7 14.5



#49

Dibromochloromethane

Concen: 22.527 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028202.D

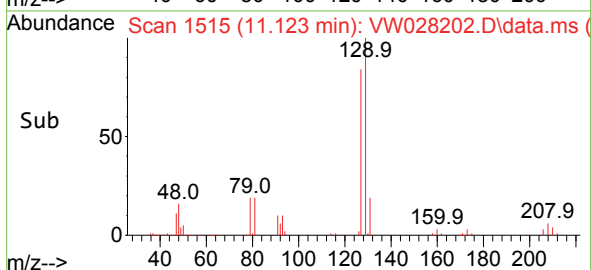
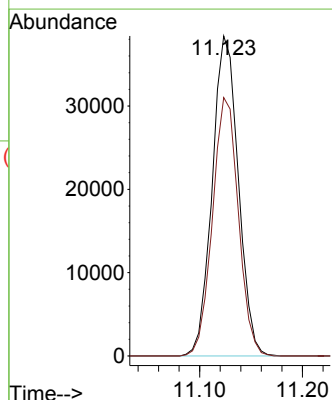
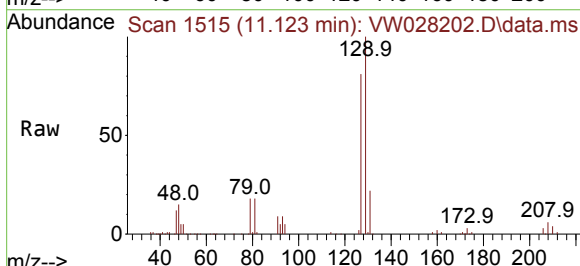
Acq: 15 Mar 2024 10:54

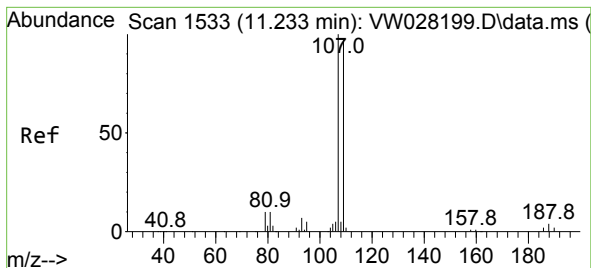
Tgt Ion:129 Resp: 67656

Ion Ratio Lower Upper

129 100

127 80.8 53.1 98.7

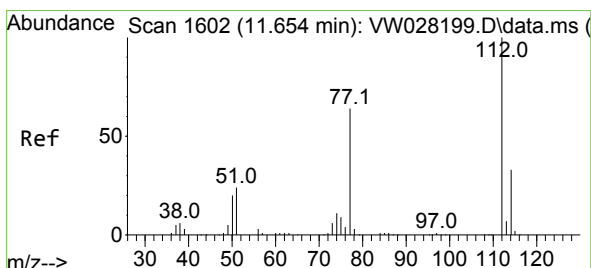
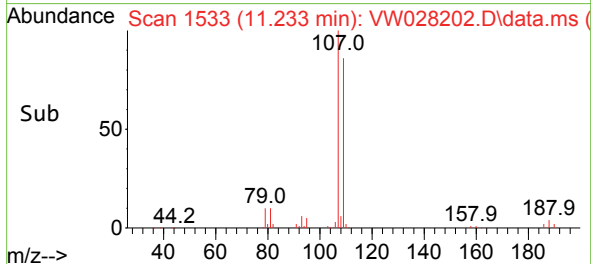
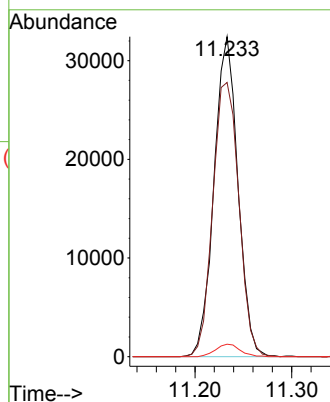
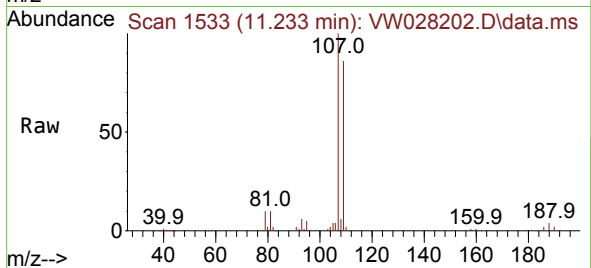




#50
1,2-Dibromoethane
Concen: 22.943 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

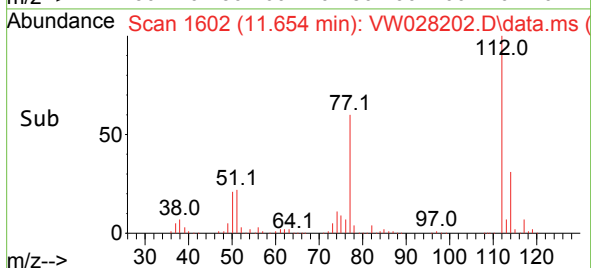
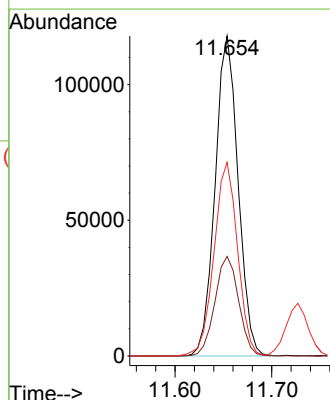
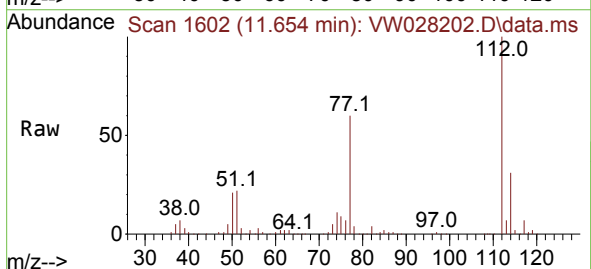
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

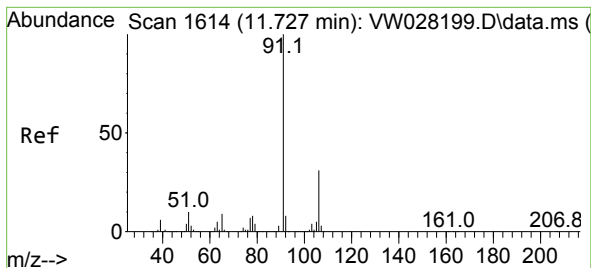
Tgt Ion:107 Resp: 55634
Ion Ratio Lower Upper
107 100
109 85.7 64.4 119.6
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 20.455 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion:112 Resp: 194441
Ion Ratio Lower Upper
112 100
114 31.1 21.8 40.6
77 60.5 50.6 76.0

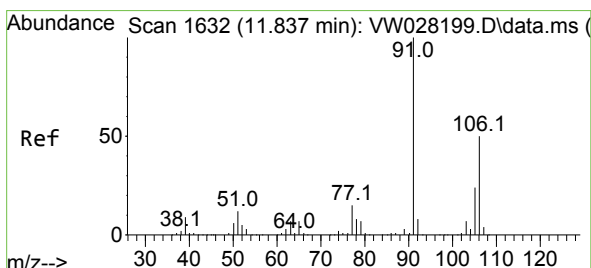
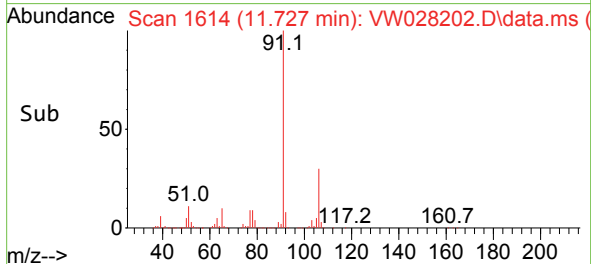
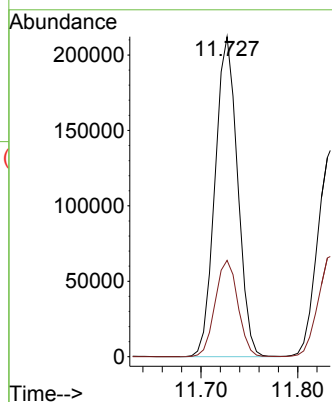
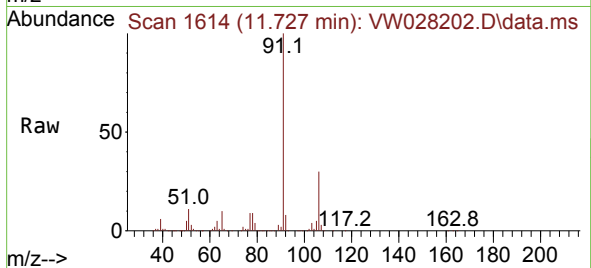




#52
Ethylbenzene
Concen: 19.616 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

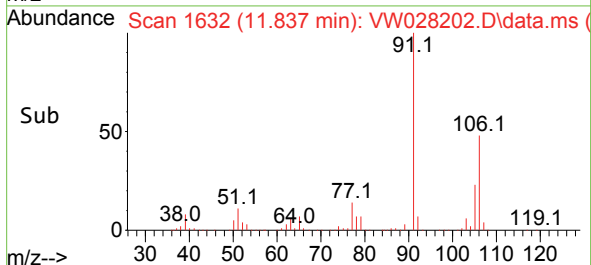
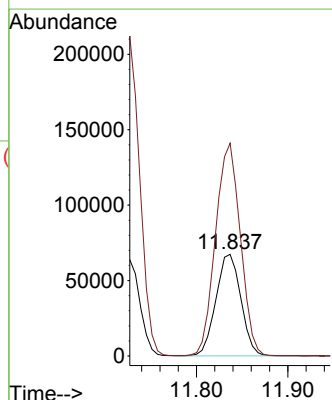
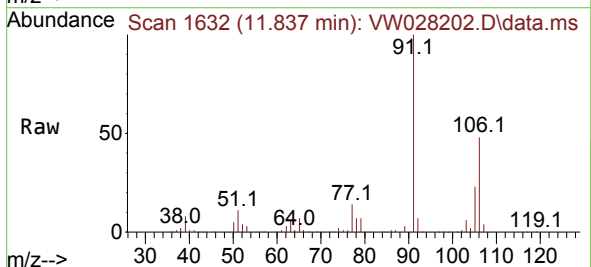
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

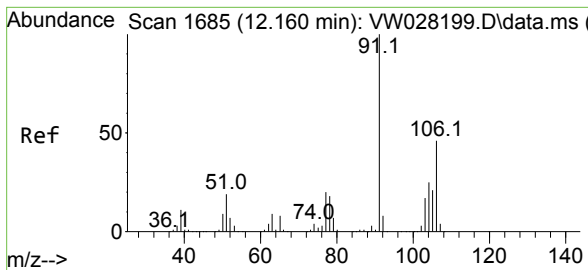
Tgt Ion: 91 Resp: 342941
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 19.398 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion:106 Resp: 127621
Ion Ratio Lower Upper
106 100
91 209.4 147.1 273.1

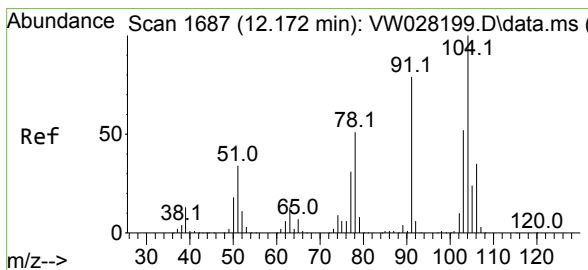
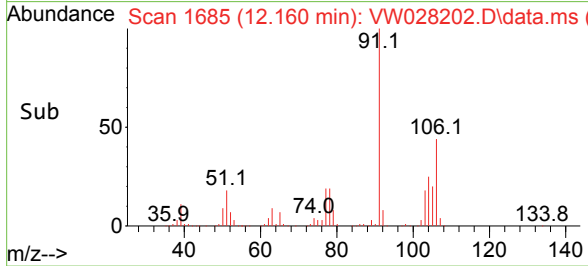
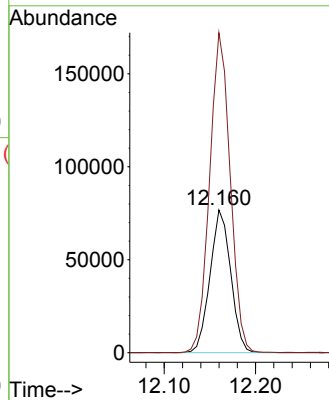
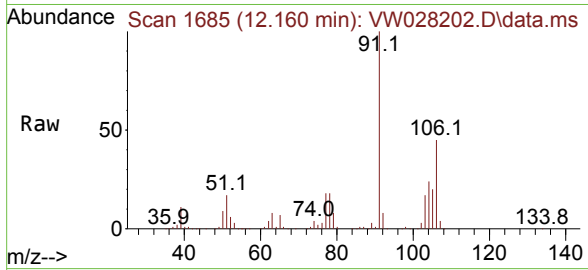




#54
o-Xylene
Concen: 19.794 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

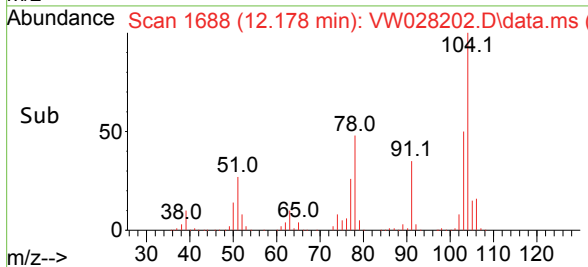
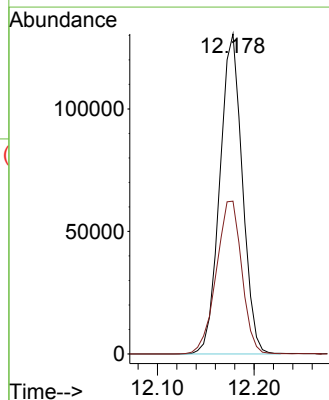
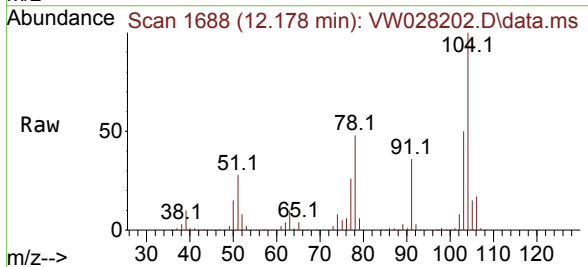
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

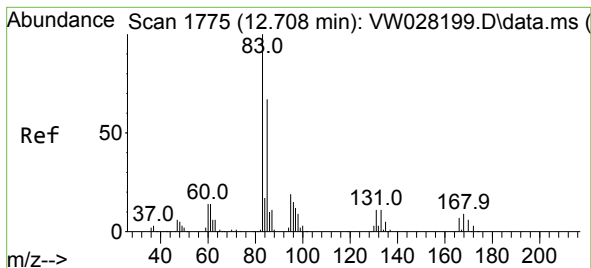
Tgt Ion:106 Resp: 120761
Ion Ratio Lower Upper
106 100
91 224.3 149.2 277.2



#55
Styrene
Concen: 20.125 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion:104 Resp: 210898
Ion Ratio Lower Upper
104 100
78 47.8 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 22.979 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

E0755MS

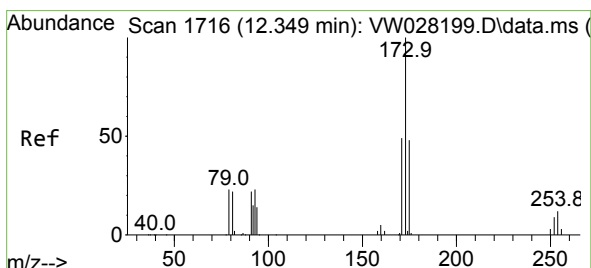
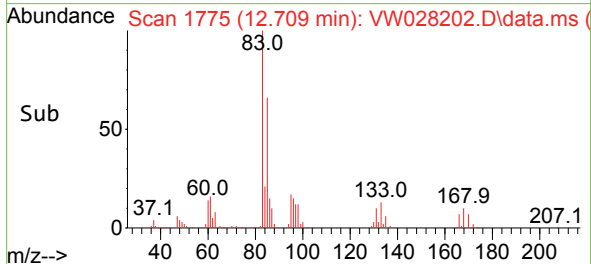
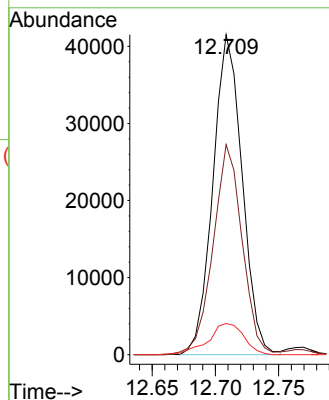
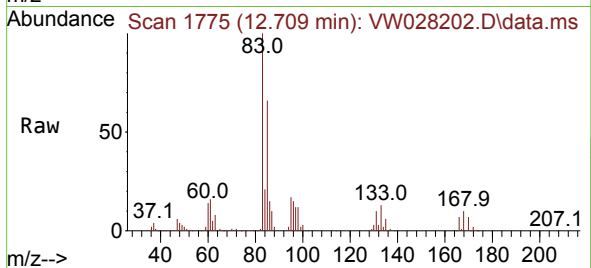
Tgt Ion: 83 Resp: 66655

Ion Ratio Lower Upper

83 100

85 65.7 47.0 87.2

131 9.8 8.9 13.3



#59

Bromoform

Concen: 28.078 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

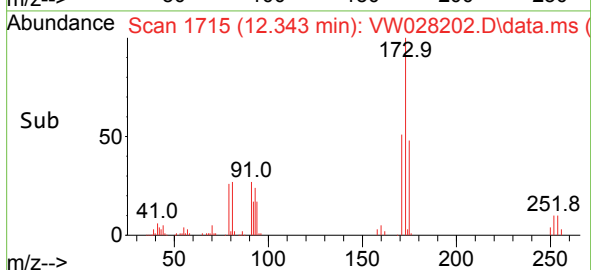
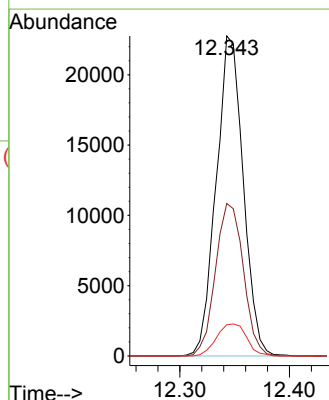
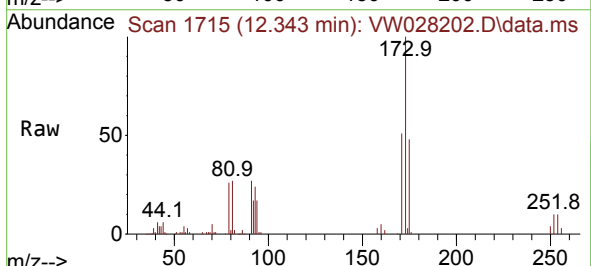
Tgt Ion:173 Resp: 38988

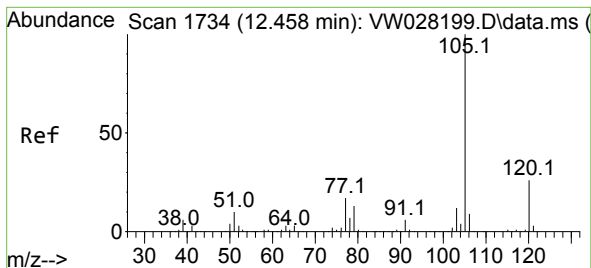
Ion Ratio Lower Upper

173 100

175 49.1 39.8 59.6

254 11.1 8.5 12.7





#60

Isopropylbenzene

Concen: 21.893 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

E0755MS

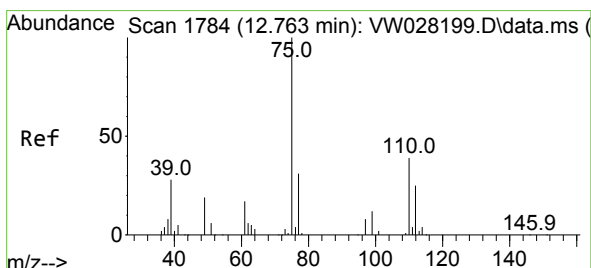
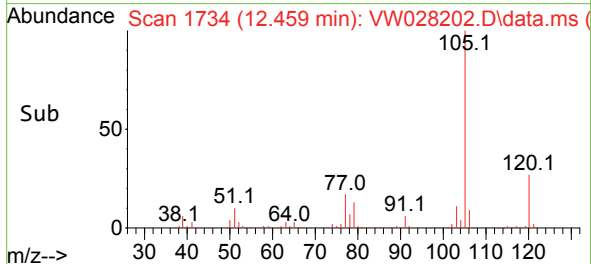
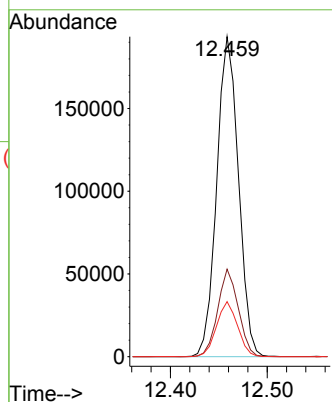
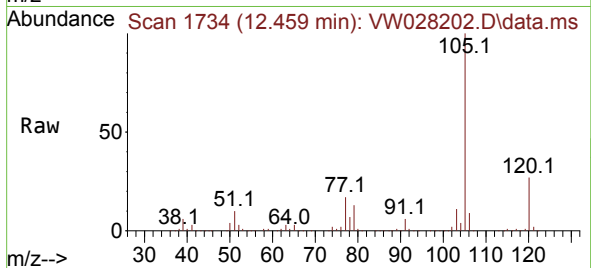
Tgt Ion:105 Resp: 301418

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.6

77 16.7 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 29.234 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

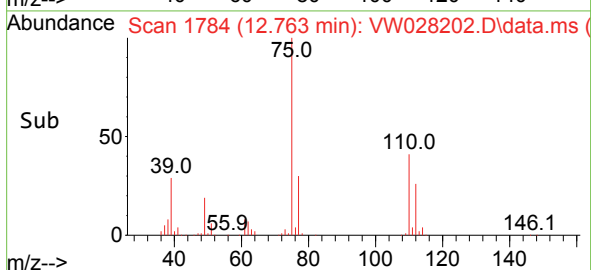
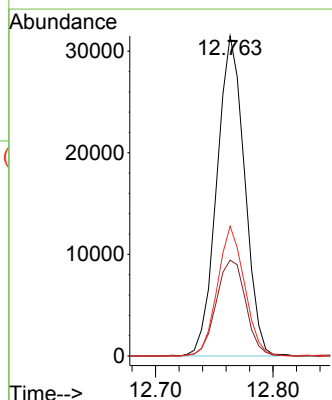
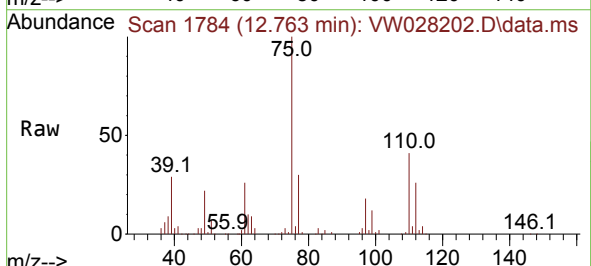
Tgt Ion: 75 Resp: 51702

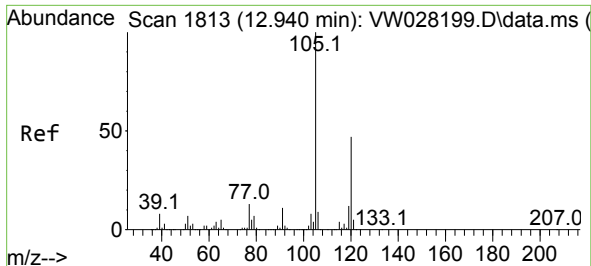
Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0

110 39.5 32.2 48.2

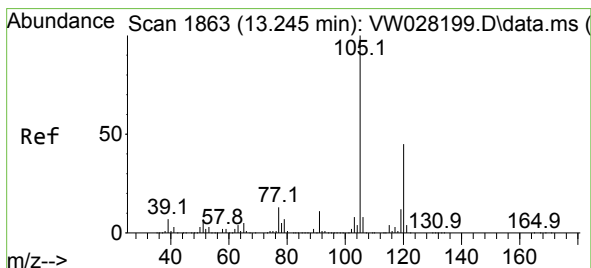
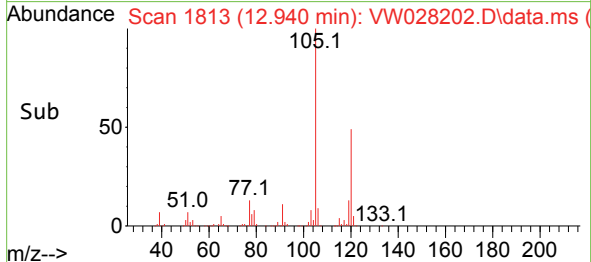
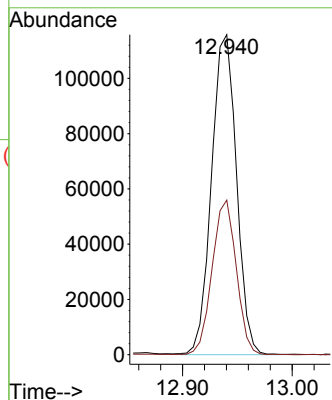
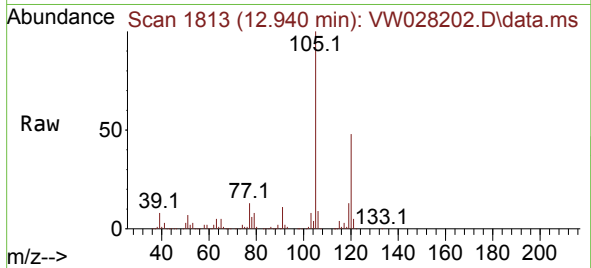




#62
1,3,5-Trimethylbenzene
Concen: 19.838 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

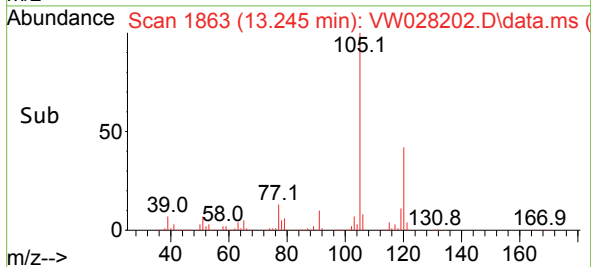
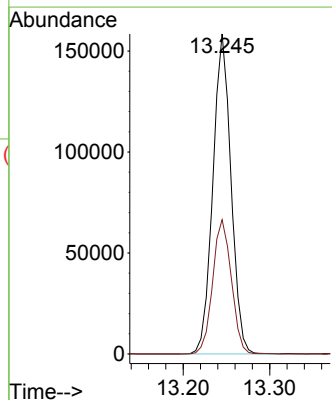
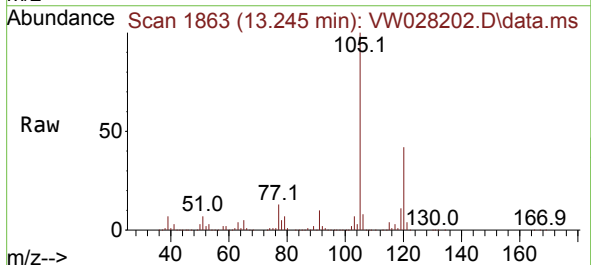
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

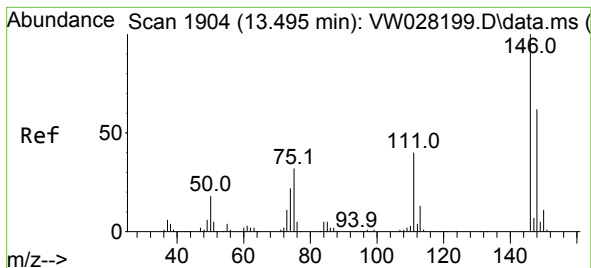
Tgt Ion:105 Resp: 183266
Ion Ratio Lower Upper
105 100
120 46.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 20.676 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion:105 Resp: 230639
Ion Ratio Lower Upper
105 100
120 43.1 35.6 53.4

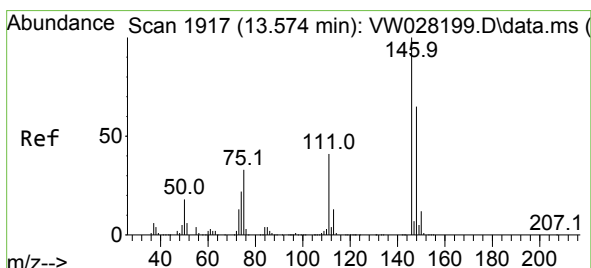
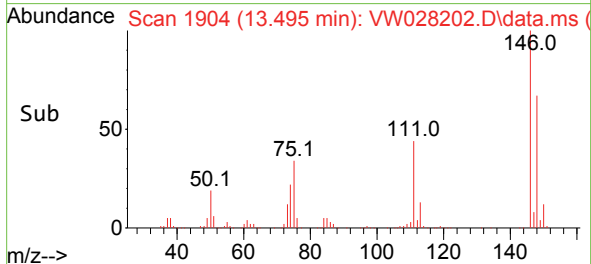
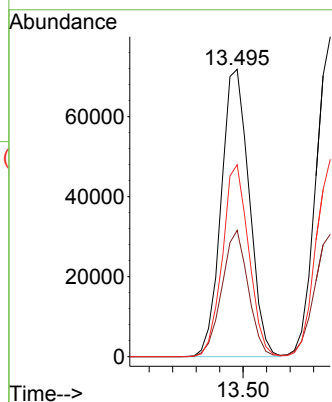
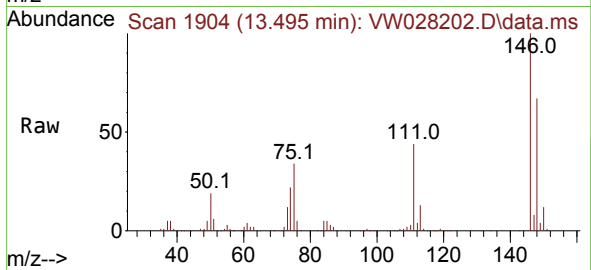




#64
1,3-Dichlorobenzene
Concen: 19.349 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

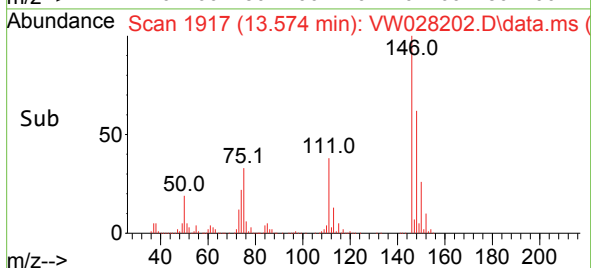
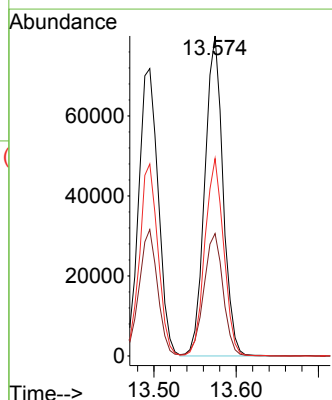
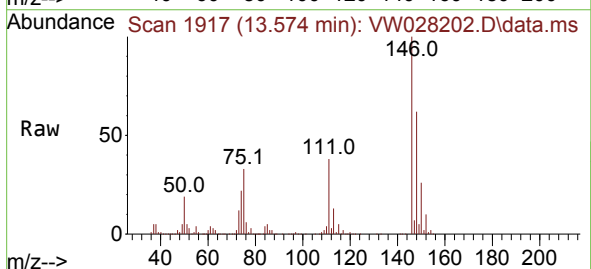
Instrument :
MSVOA_W
ClientSampleId :
E0755MS

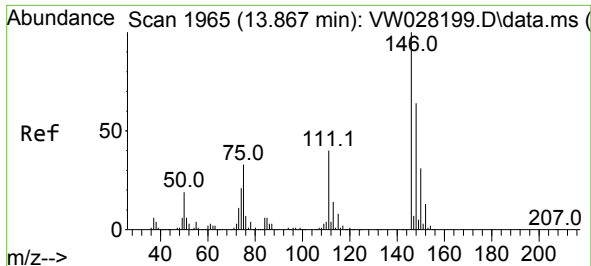
Tgt Ion:146 Resp: 118845
Ion Ratio Lower Upper
146 100
111 44.0 28.5 52.9
148 66.8 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 20.029 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028202.D
Acq: 15 Mar 2024 10:54

Tgt Ion:146 Resp: 123018
Ion Ratio Lower Upper
146 100
111 38.3 28.8 53.6
148 61.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 20.814 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

E0755MS

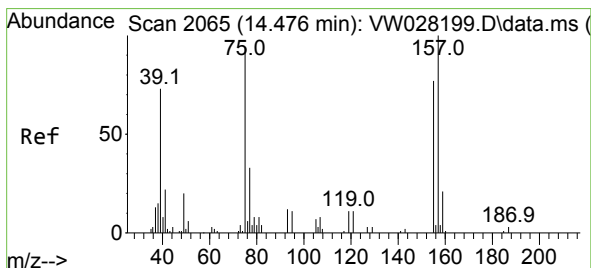
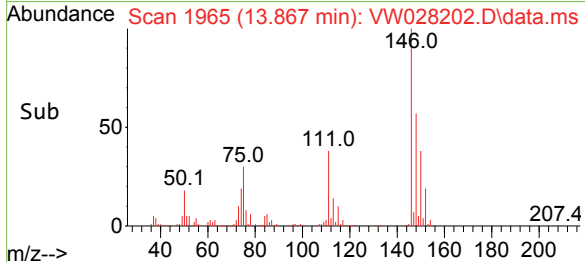
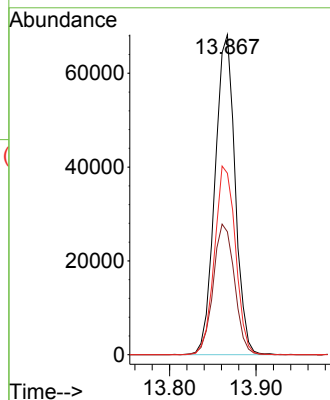
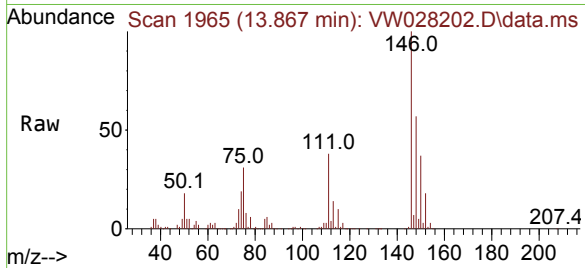
Tgt Ion:146 Resp: 110096

Ion Ratio Lower Upper

146 100

111 38.4 34.2 51.2

148 56.7 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 28.690 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

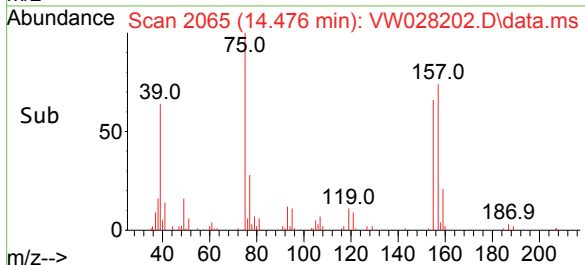
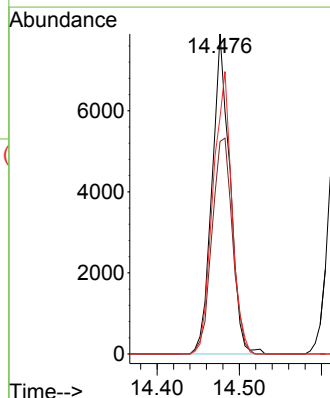
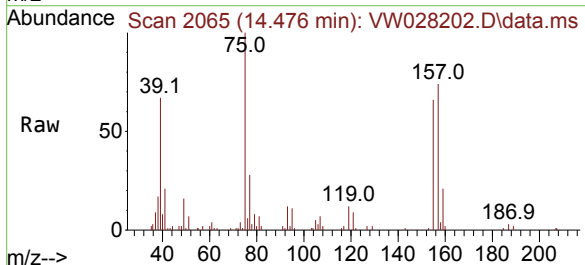
Tgt Ion: 75 Resp: 11919

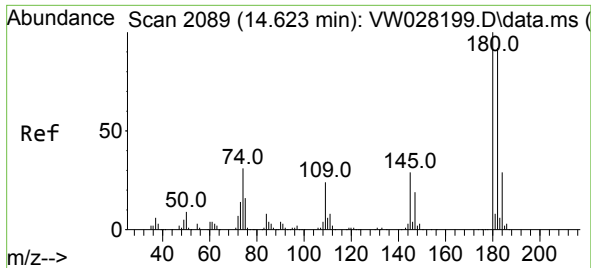
Ion Ratio Lower Upper

75 100

155 66.4 61.1 91.7

157 73.9 74.2 111.4#

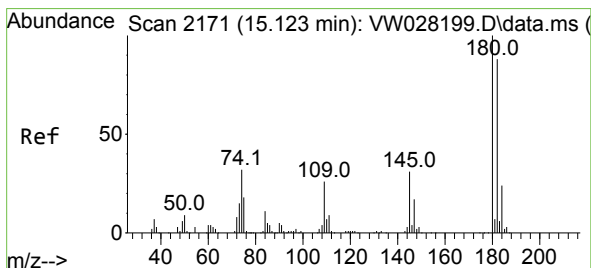
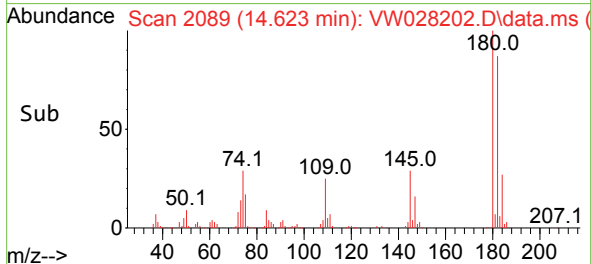
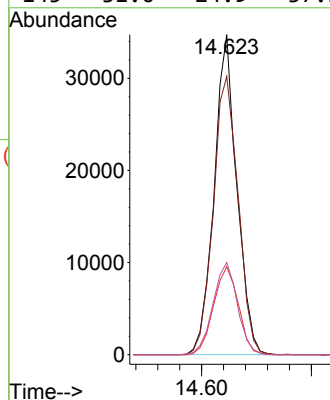
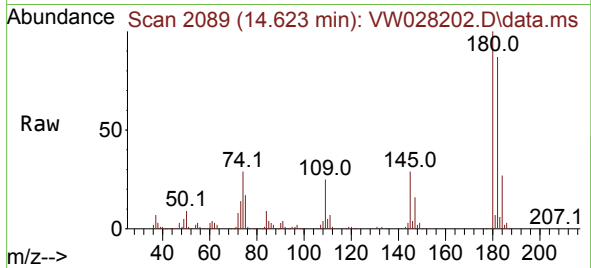




#69
 1,3,5-Trichlorobenzene
 Concen: 11.681 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW028202.D
 Acq: 15 Mar 2024 10:54

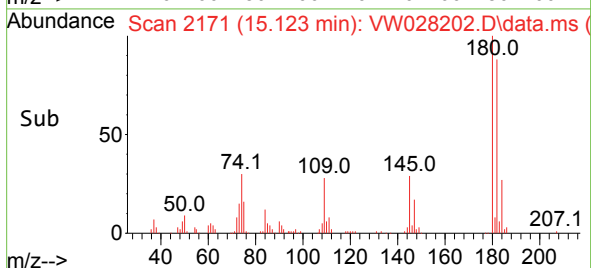
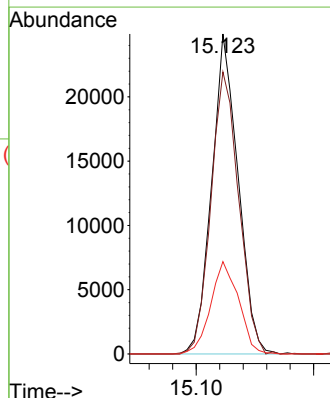
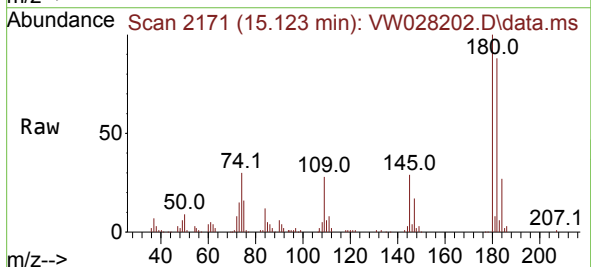
Instrument :
 MSVOA_W
 ClientSampleId :
 E0755MS

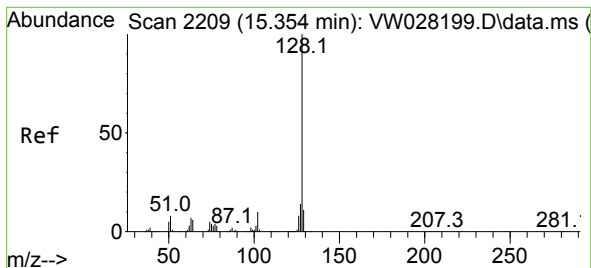
Tgt Ion:	180	Resp:	49977
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.6	114.8
184	30.0	23.5	35.3
145	31.0	24.9	37.3



#70
 1,2,4-trichlorobenzene
 Concen: 10.704 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VW028202.D
 Acq: 15 Mar 2024 10:54

Tgt Ion:	180	Resp:	38907
Ion Ratio	Lower	Upper	
180	100		
182	92.5	73.8	110.8
145	30.5	25.0	37.6





#71

Naphthalene

Concen: 18.127 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

E0755MS

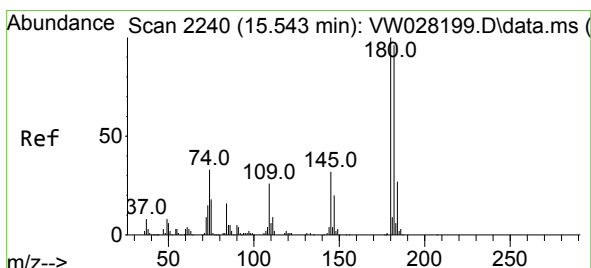
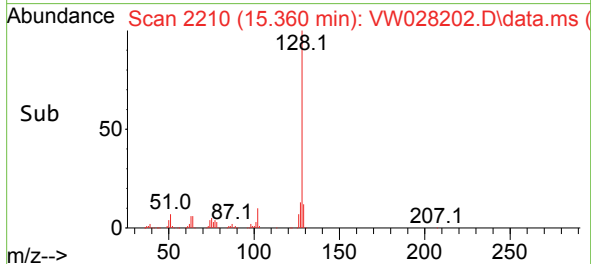
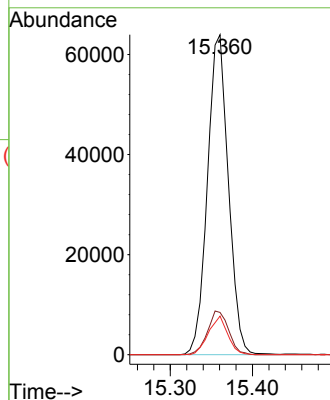
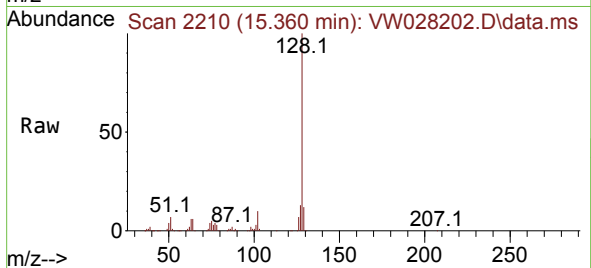
Tgt Ion:128 Resp: 113087

Ion Ratio Lower Upper

128 100

127 13.7 10.9 16.3

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 10.410 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW028202.D

Acq: 15 Mar 2024 10:54

Tgt Ion:180 Resp: 31193

Ion Ratio Lower Upper

180 100

182 93.0 76.0 114.0

145 33.7 27.1 40.7

