

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032924\
 Data File : VW028280.D
 Acq On : 29 Mar 2024 15:43
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Mar 30 01:04:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 30 00:57:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	235223	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	213972	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	111152	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	47639	17.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.240%
7) Chloroethane-d5	2.899	69	41033	21.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
11) 1,1-Dichloroethene-d2	4.027	65	31833	18.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.960%
21) 2-Butanone-d5	7.075	46	47553	58.582	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.160%
24) Chloroform-d	7.648	84	172598	24.884	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	8.306	65	92397	24.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.680%
32) Benzene-d6	8.276	84	324034	24.804	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	9.270	67	100273	26.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.680%
41) Toluene-d8	10.324	98	291518	24.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.760%
43) trans-1,3-Dichloroprop...	10.574	79	41507	24.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.240%
47) 2-Hexanone-d5	10.922	63	37706	60.677	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80044	28.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	100898	24.919	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	58346	17.099	ug/L	93
3) Chloromethane	2.222	50	51482	21.272	ug/L	99
5) Vinyl chloride	2.375	62	62263	22.759	ug/L	99
6) Bromomethane	2.795	94	38139	23.409	ug/L	94
8) Chloroethane	2.935	64	36363	24.730	ug/L	94
9) Trichlorofluoromethane	3.271	101	72651	21.965	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	76524	23.289	ug/L	97
12) 1,1-Dichloroethene	4.051	96	71687	23.601	ug/L	92
13) Acetone	4.130	43	30436	33.769	ug/L	79
14) Carbon disulfide	4.392	76	203804	21.512	ug/L	99
15) Methyl Acetate	4.673	43	34122	24.578	ug/L	100
16) Methylene chloride	4.923	84	79081	22.089	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	78687	24.376	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	125035	25.673	ug/L	99
19) 1,1-Dichloroethane	6.221	63	159667	25.549	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	90057	25.832	ug/L	99
22) 2-Butanone	7.166	43	44550	43.535	ug/L	99
23) Bromochloromethane	7.514	128	38294	24.846	ug/L	92
25) Chloroform	7.678	83	161293	25.070	ug/L	99

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

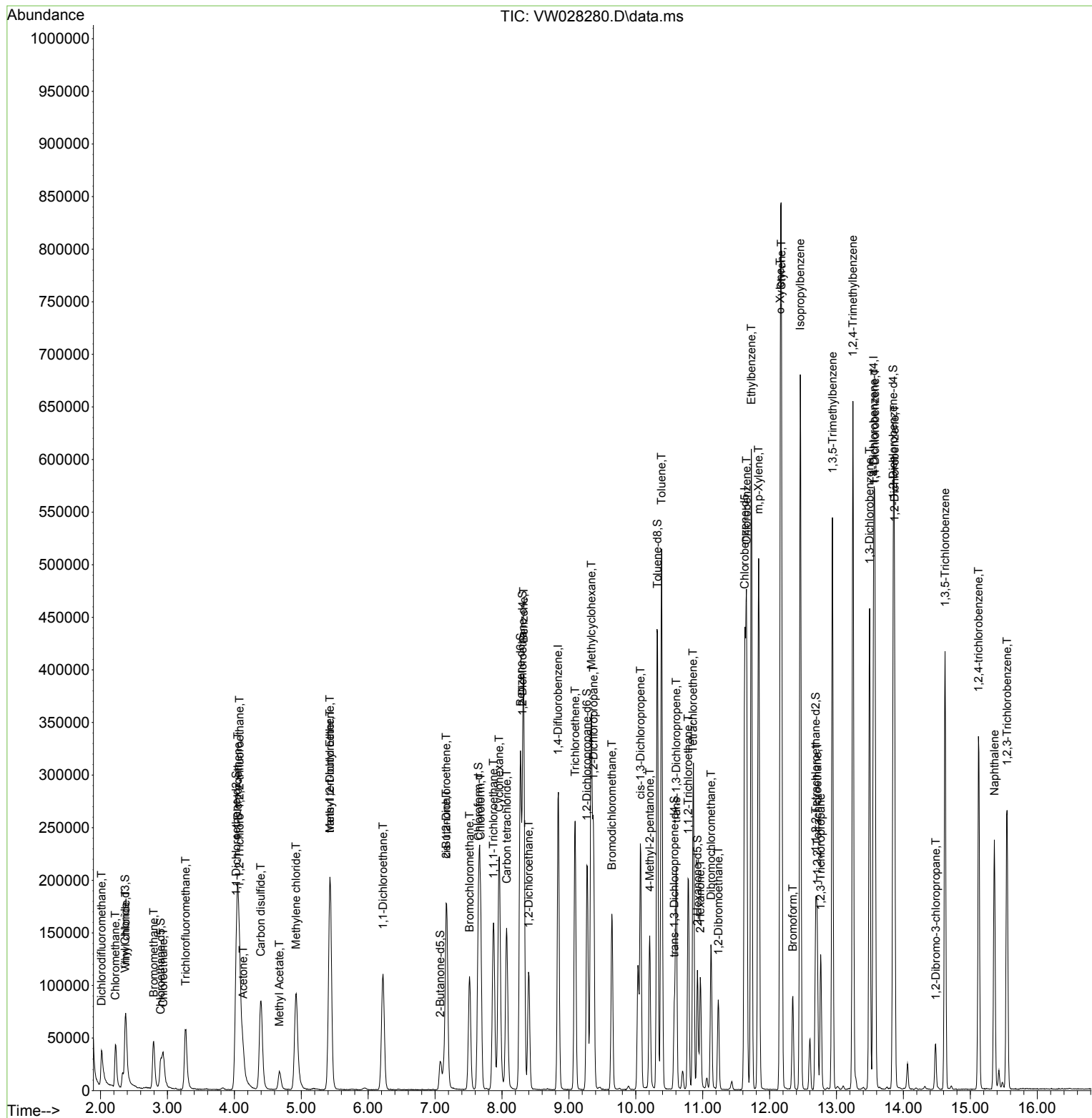
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27) 1,2-Dichloroethane	8.398	62	103687	22.822	ug/L #	95
29) Cyclohexane	7.959	56	133496	23.919	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	133313	23.768	ug/L	99
31) Carbon tetrachloride	8.069	117	118627	22.548	ug/L	99
33) Benzene	8.325	78	338523	25.710	ug/L	100
34) Trichloroethene	9.093	95	90589	24.660	ug/L	98
35) Methylcyclohexane	9.337	83	145894	23.496	ug/L	99
37) 1,2-Dichloropropane	9.367	63	89754	26.651	ug/L	99
38) Bromodichloromethane	9.642	83	112010	24.668	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	135686	25.157	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	96863	52.106	ug/L	98
42) Toluene	10.385	91	363562	25.300	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	113511	24.928	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	63737	26.194	ug/L	95
46) Tetrachloroethene	10.855	164	67737	22.876	ug/L	95
48) 2-Hexanone	10.964	43	67320	46.230	ug/L	97
49) Dibromochloromethane	11.123	129	71918	24.956	ug/L	99
50) 1,2-Dibromoethane	11.233	107	57831	24.856	ug/L	95
51) Chlorobenzene	11.653	112	230846	25.309	ug/L	95
52) Ethylbenzene	11.727	91	421145	25.105	ug/L	99
53) m,p-Xylene	11.836	106	156373	24.771	ug/L	99
54) o-Xylene	12.159	106	150092	25.639	ug/L	98
55) Styrene	12.178	104	261167	25.973	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	72362	26.000	ug/L	94
59) Bromoform	12.348	173	40845	24.523	ug/L	100
60) Isopropylbenzene	12.458	105	421555	25.526	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53410	25.177	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	289845	26.157	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	340441	25.444	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	182596	24.784	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	190646	25.877	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	162099	25.549	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	11585	23.248	ug/L	93
69) 1,3,5-Trichlorobenzene	14.622	180	130806	25.488	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	102984	23.621	ug/L	97
71) Naphthalene	15.360	128	196262	26.227	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88950	24.749	ug/L	99

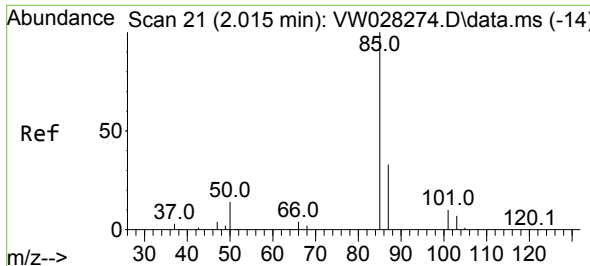
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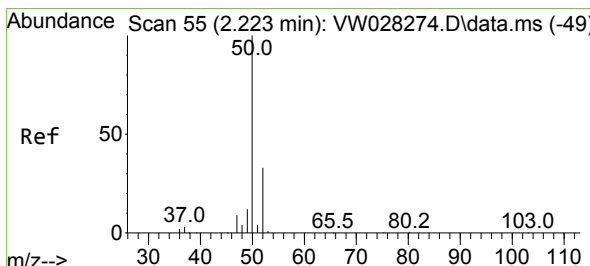
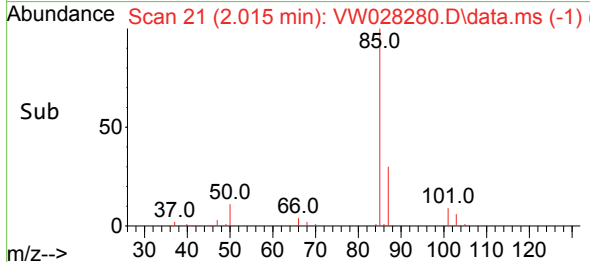
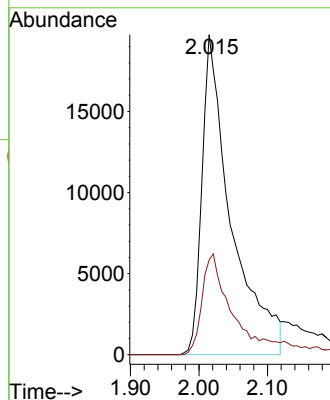
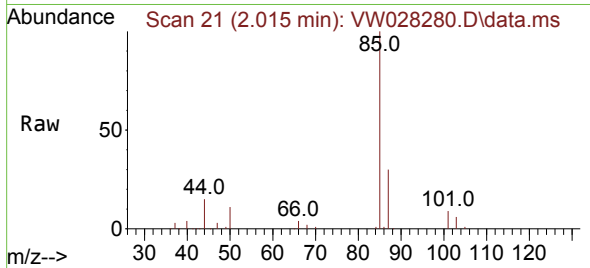




#2
 Dichlorodifluoromethane
 Concen: 17.099 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028280.D
 Acq: 29 Mar 2024 15:43

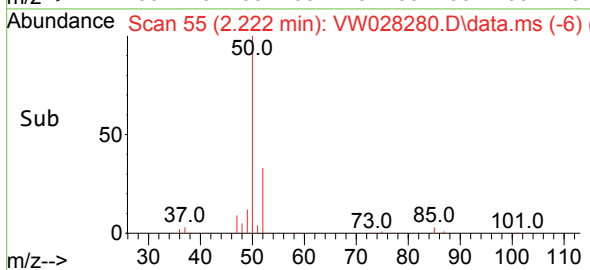
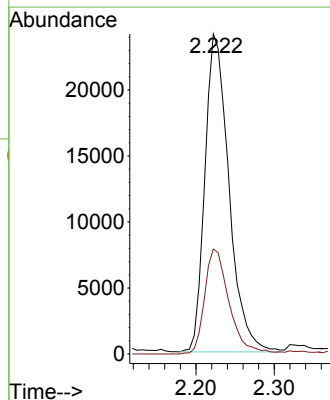
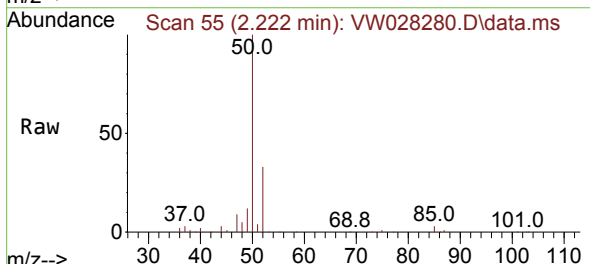
Instrument :
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 ClientSampleId :
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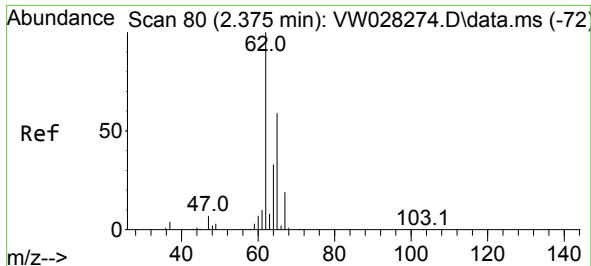
Tgt Ion: 85 Resp: 58346
 Ion Ratio Lower Upper
 85 100
 87 29.7 20.9 31.3



#3
 Chloromethane
 Concen: 21.272 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028280.D
 Acq: 29 Mar 2024 15:43

Tgt Ion: 50 Resp: 51482
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.1

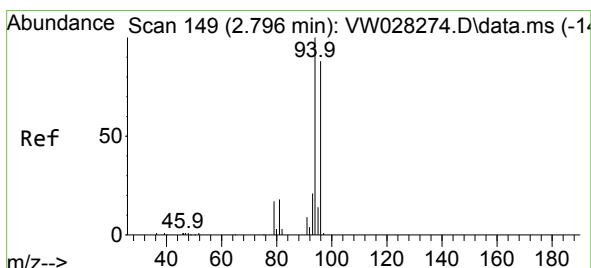
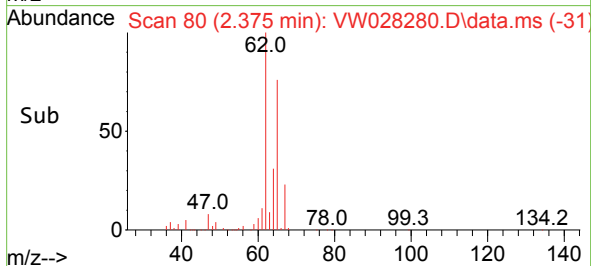
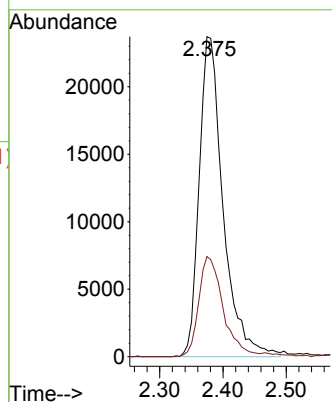
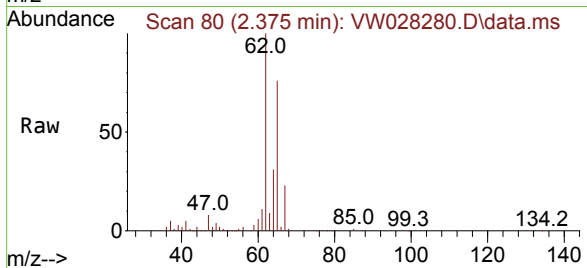




#5
 Vinyl chloride
 Concen: 22.759 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028280.D
 Acq: 29 Mar 2024 15:43

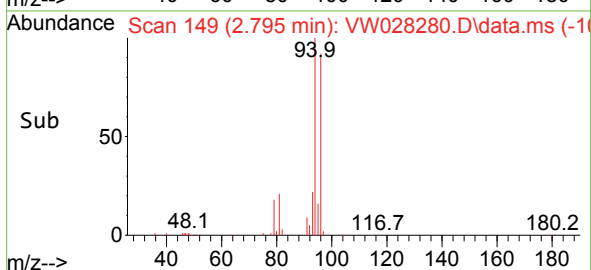
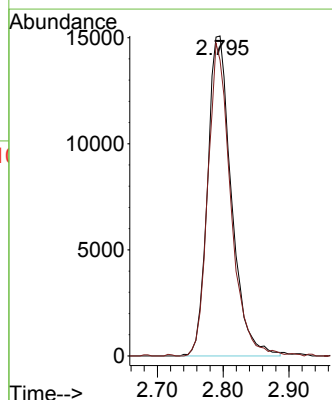
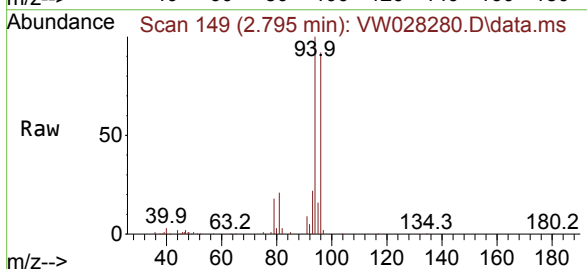
Instrument :
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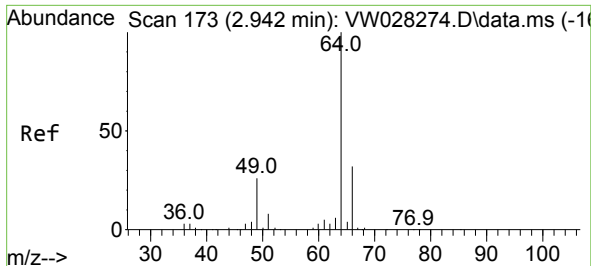
Tgt Ion: 62 Resp: 62263
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.5 41.7



#6
 Bromomethane
 Concen: 23.409 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW028280.D
 Acq: 29 Mar 2024 15:43

Tgt Ion: 94 Resp: 38139
 Ion Ratio Lower Upper
 94 100
 96 92.4 60.8 113.0

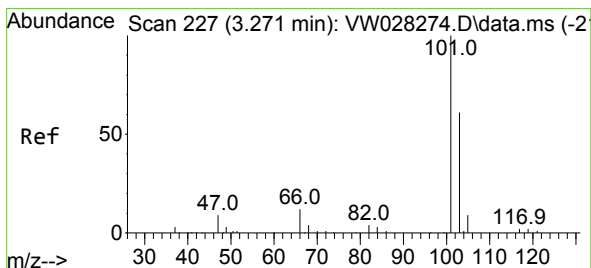
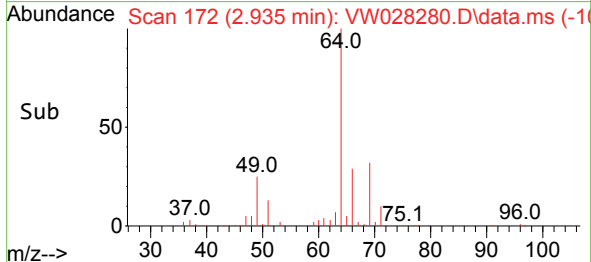
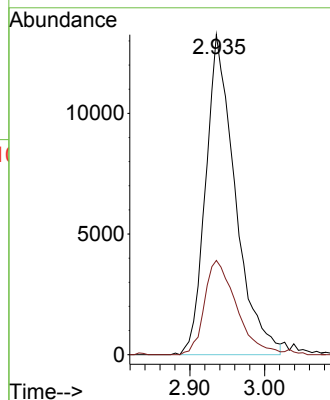
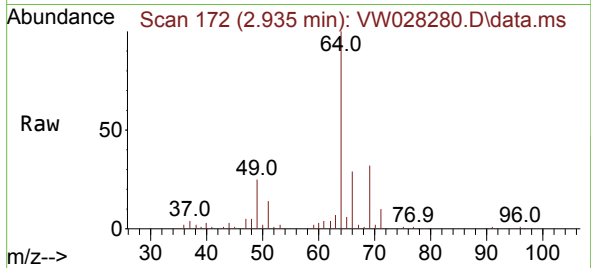




#8
Chloroethane
Concen: 24.730 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.007 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

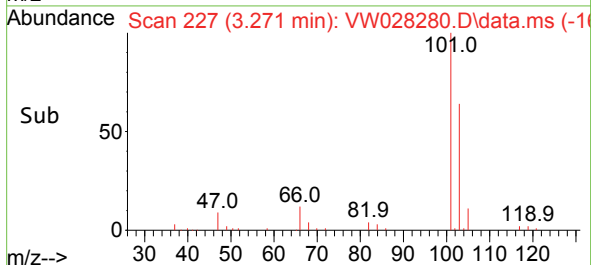
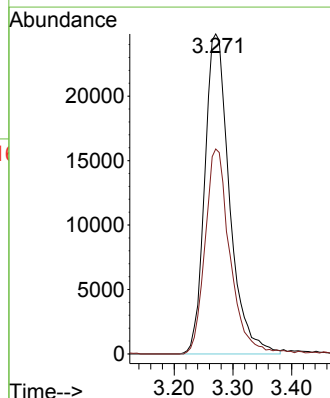
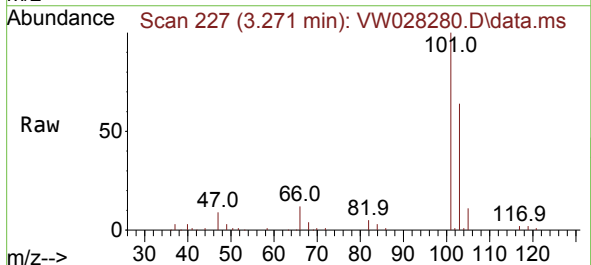
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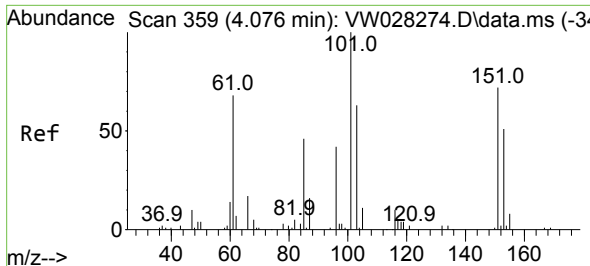
Tgt Ion: 64 Resp: 36363
Ion Ratio Lower Upper
64 100
66 29.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 21.965 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion:101 Resp: 72651
Ion Ratio Lower Upper
101 100
103 63.9 50.9 76.3

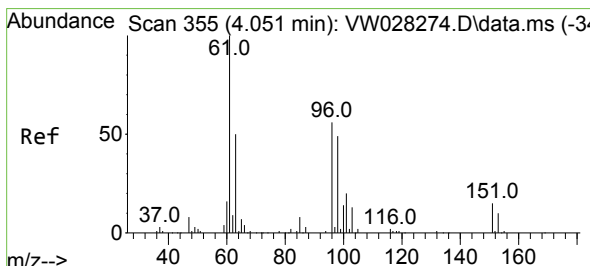
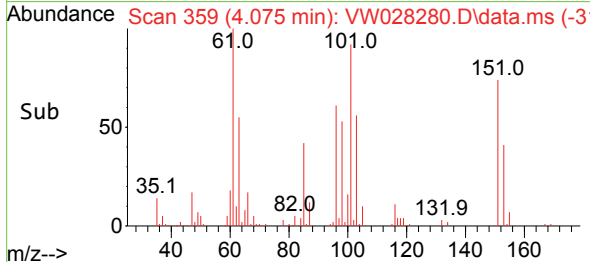
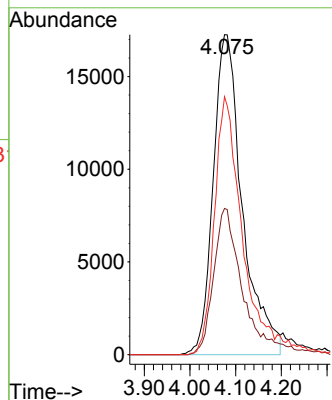
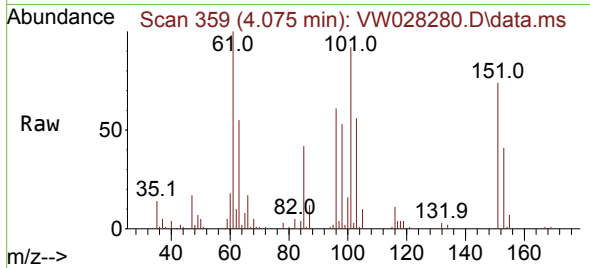




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.289 ug/L
 RT: 4.075 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW028280.D
 Acq: 29 Mar 2024 15:43

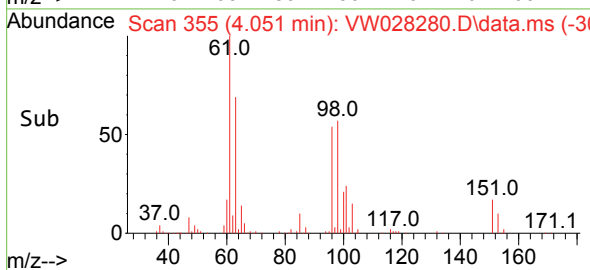
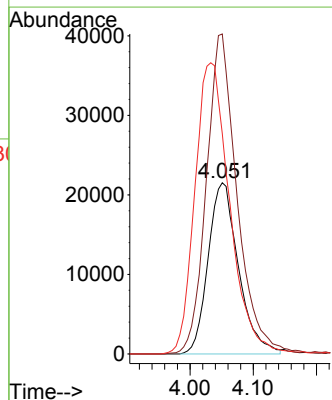
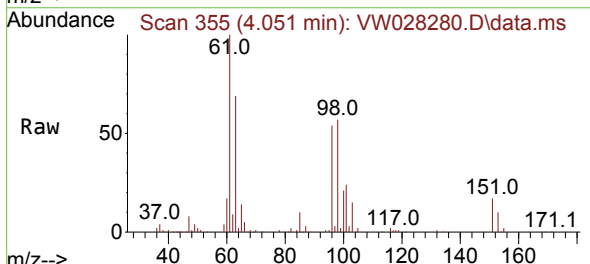
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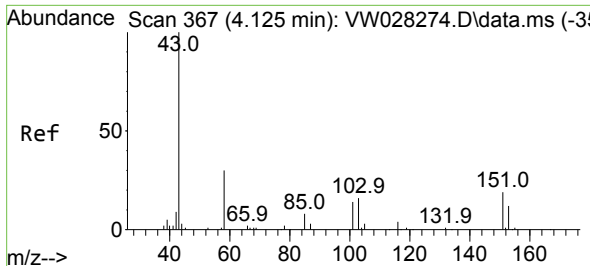
Tgt Ion:101 Resp: 76524
 Ion Ratio Lower Upper
 101 100
 85 42.9 36.4 54.6
 151 74.7 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 23.601 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW028280.D
 Acq: 29 Mar 2024 15:43

Tgt Ion: 96 Resp: 71687
 Ion Ratio Lower Upper
 96 100
 61 186.9 132.2 245.4
 63 128.8 104.6 194.2





#13

Acetone

Concen: 33.769 ug/L

RT: 4.130 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

Instrument :

MSVOA_W

ClientSampleId :

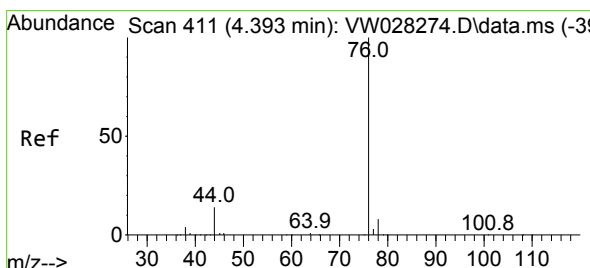
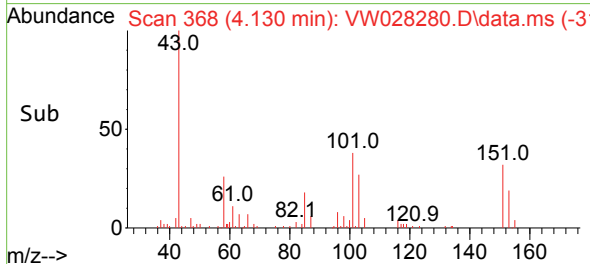
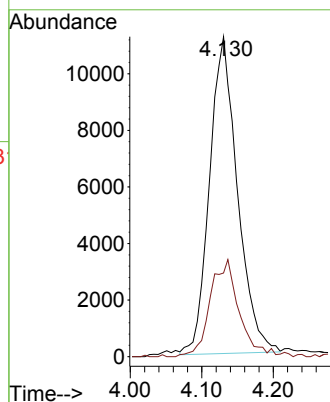
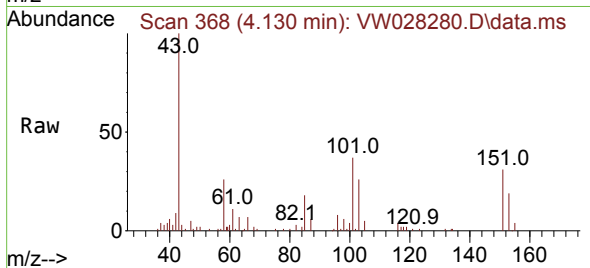
VSTD025532

Tgt Ion: 43 Resp: 30436

Ion Ratio Lower Upper

43 100

58 17.6 0.0 57.8



#14

Carbon disulfide

Concen: 21.512 ug/L

RT: 4.392 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW028280.D

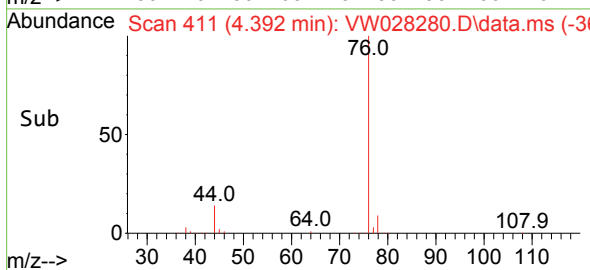
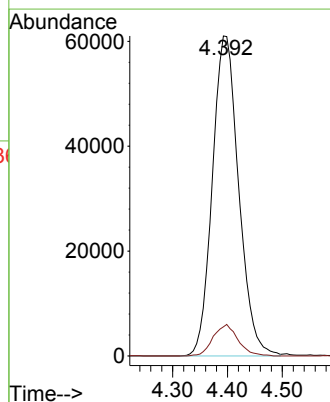
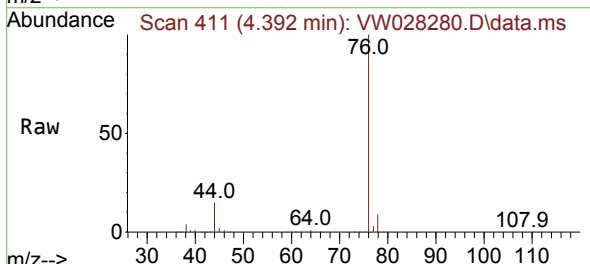
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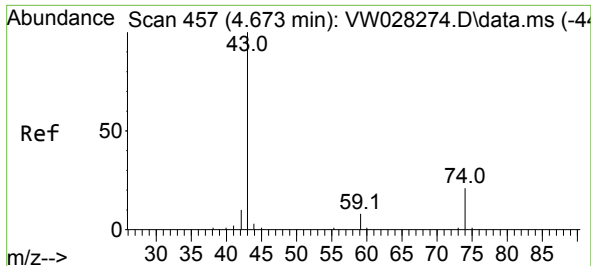
Tgt Ion: 76 Resp: 203804

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

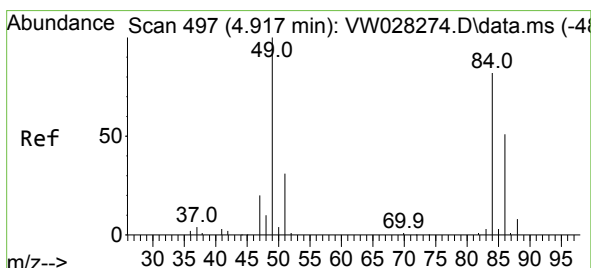
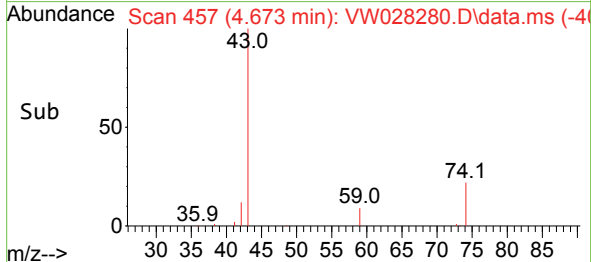
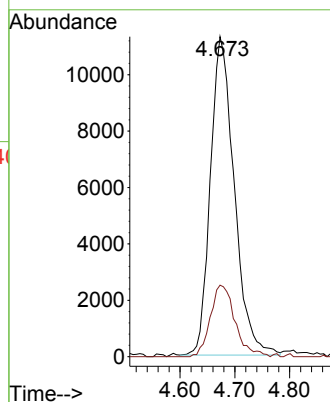
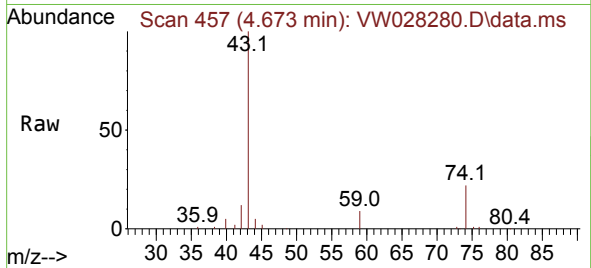




#15
Methyl Acetate
Concen: 24.578 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

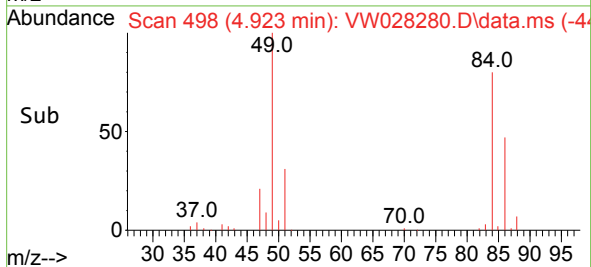
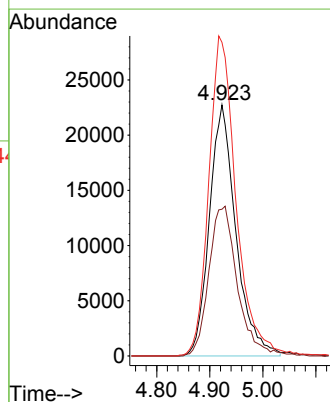
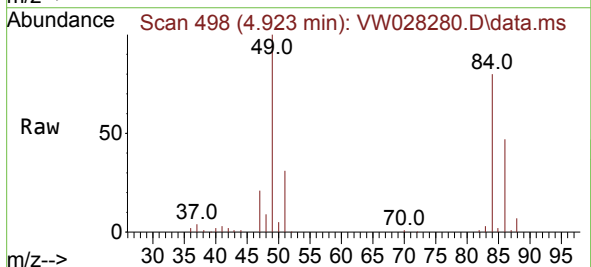
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

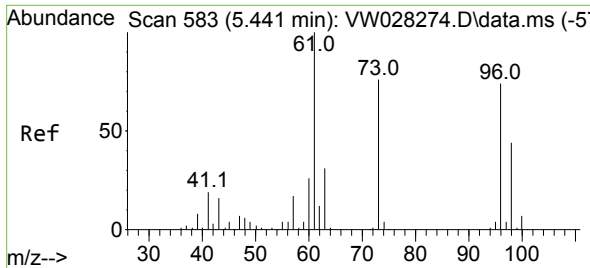
Tgt Ion: 43 Resp: 34122
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.2



#16
Methylene chloride
Concen: 22.089 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion: 84 Resp: 79081
Ion Ratio Lower Upper
84 100
86 58.4 43.1 80.1
49 124.9 89.4 166.0

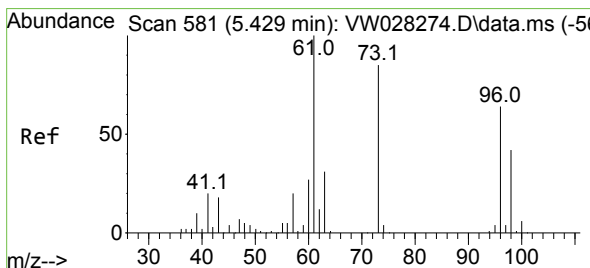
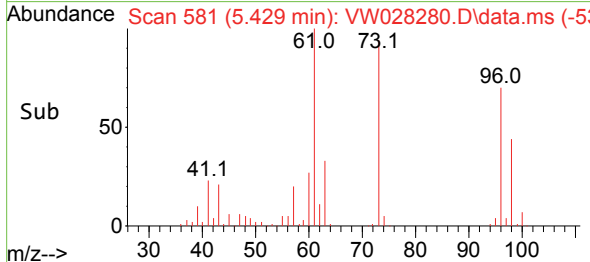
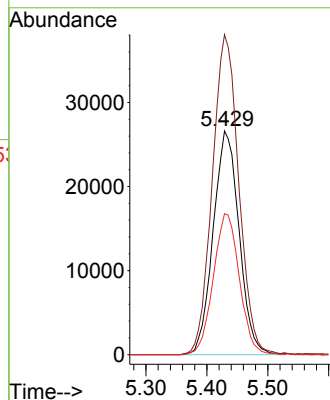
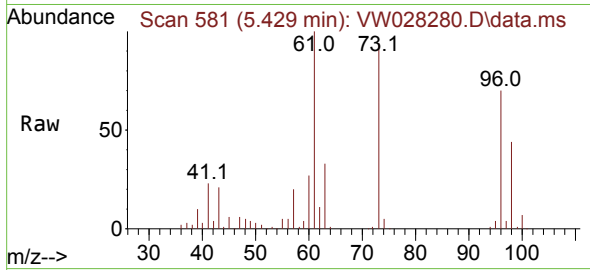




#17
trans-1,2-Dichloroethene
Concen: 24.376 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.013 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

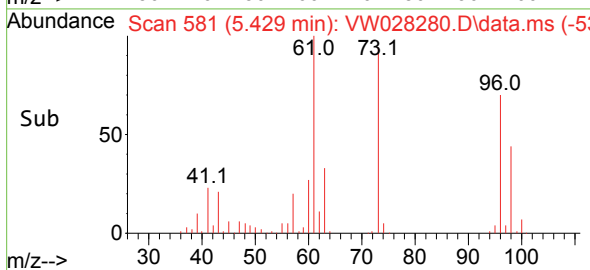
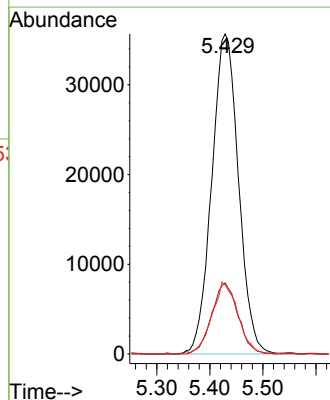
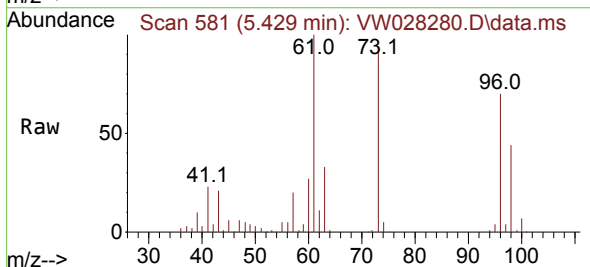
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

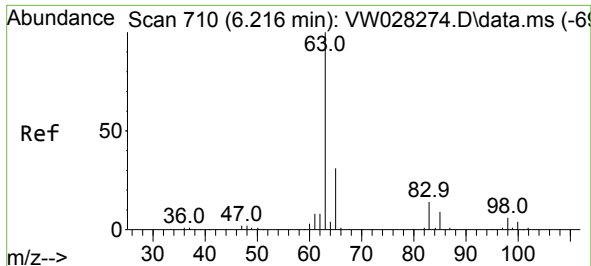
Tgt Ion: 96 Resp: 78687
Ion Ratio Lower Upper
96 100
61 143.1 98.4 182.8
98 63.0 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 25.673 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion: 73 Resp: 125035
Ion Ratio Lower Upper
73 100
43 22.0 18.2 27.4
57 21.7 17.4 26.2





#19

1,1-Dichloroethane

Concen: 25.549 ug/L

RT: 6.221 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

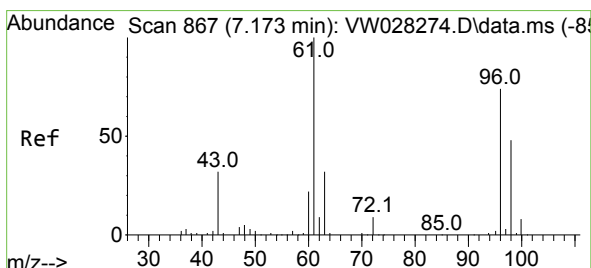
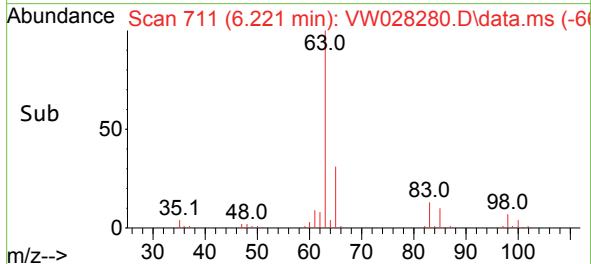
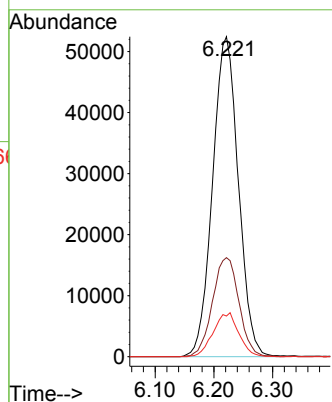
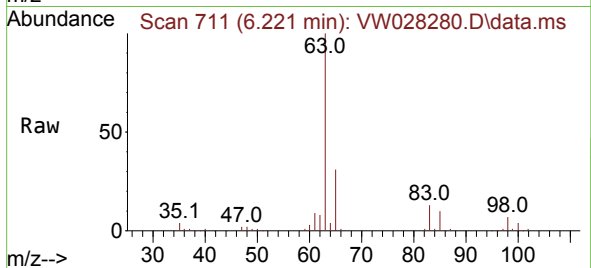
Tgt Ion: 63 Resp: 159667

Ion Ratio Lower Upper

63 100

65 30.9 22.1 41.1

83 12.7 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.832 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.007 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

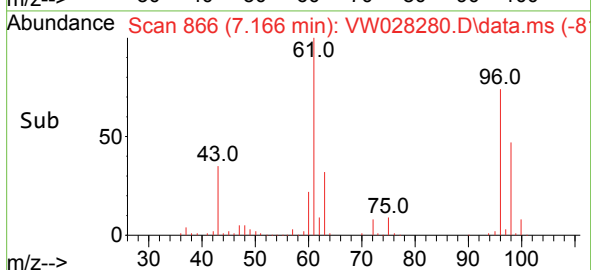
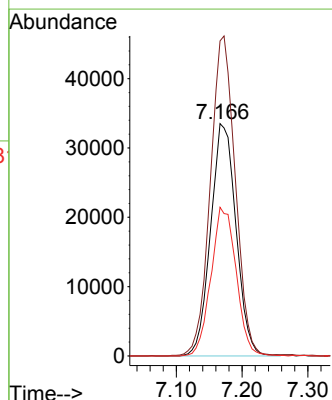
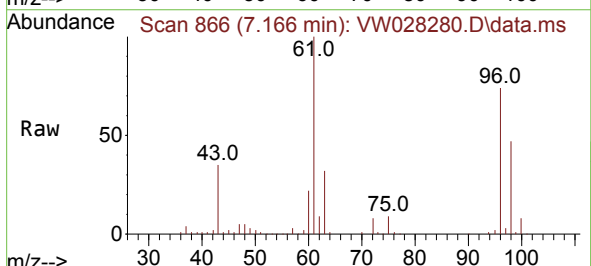
Tgt Ion: 96 Resp: 90057

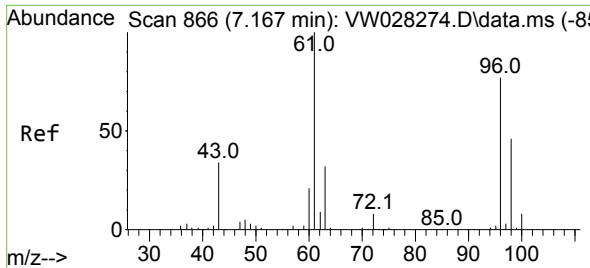
Ion Ratio Lower Upper

96 100

61 135.6 95.7 177.7

98 64.0 43.9 81.5

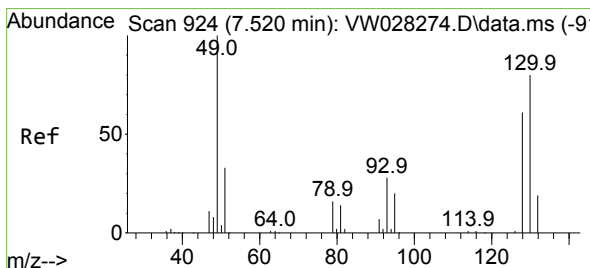
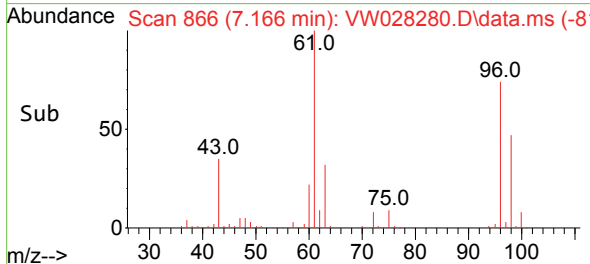
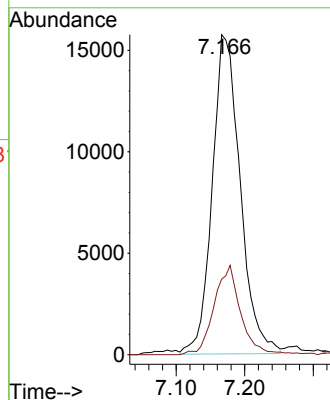
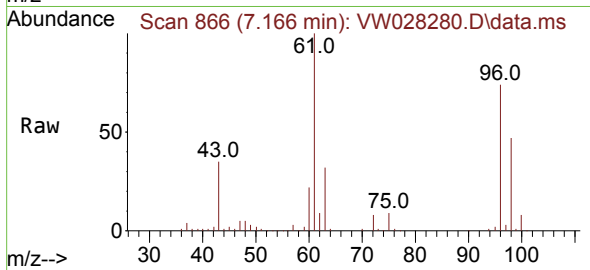




#22
2-Butanone
Concen: 43.535 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

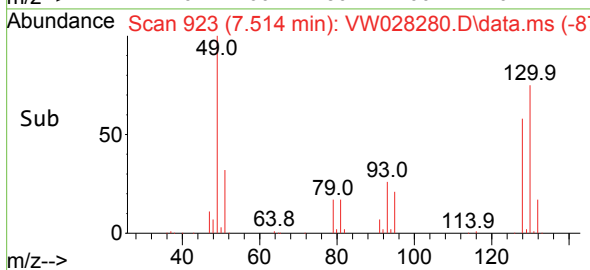
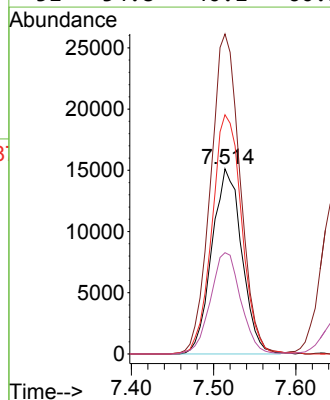
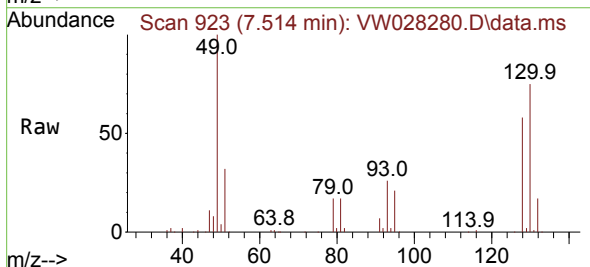
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

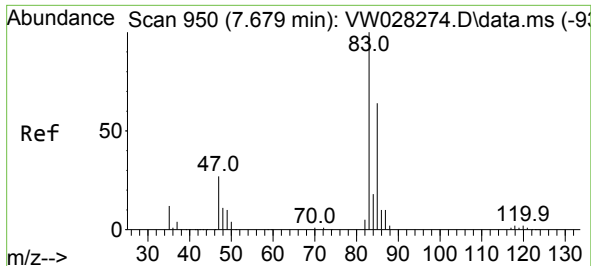
Tgt Ion: 43 Resp: 44550
Ion Ratio Lower Upper
43 100
72 26.1 12.8 38.4



#23
Bromochloromethane
Concen: 24.846 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.007 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion: 128 Resp: 38294
Ion Ratio Lower Upper
128 100
49 172.9 116.6 216.6
130 129.2 80.1 148.7
51 54.8 40.1 60.1

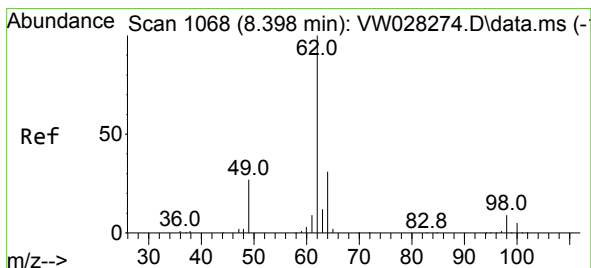
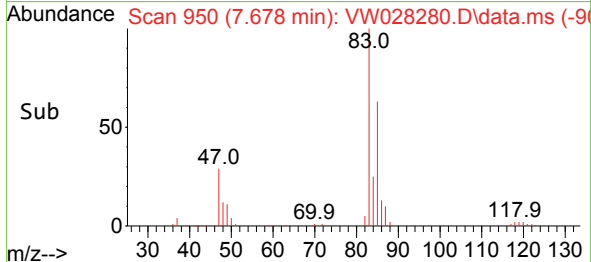
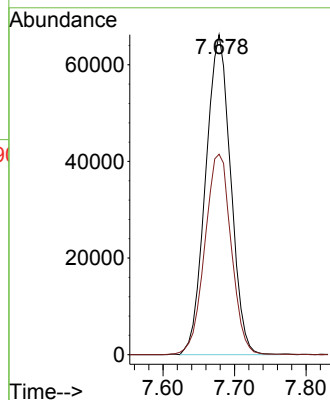
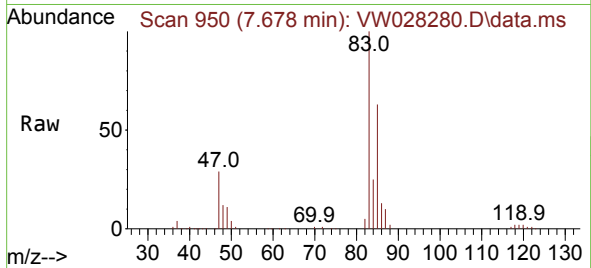




#25
Chloroform
Concen: 25.070 ug/L
RT: 7.678 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

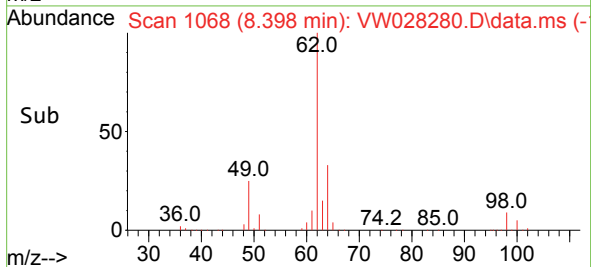
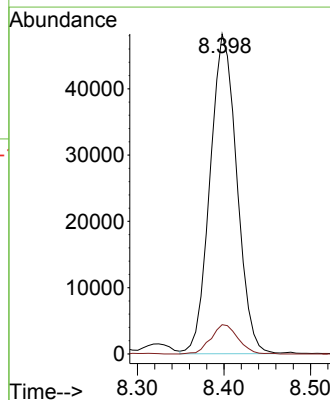
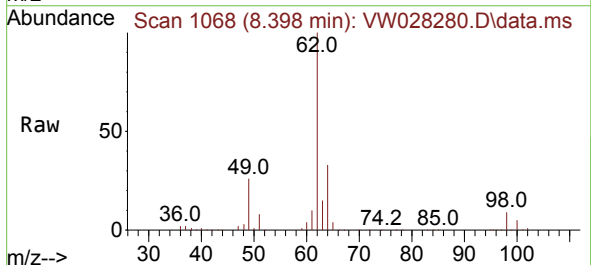
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

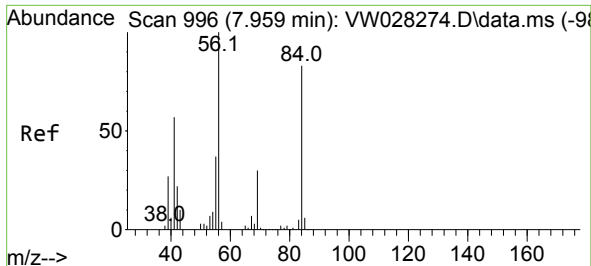
Tgt Ion: 83 Resp: 161293
Ion Ratio Lower Upper
83 100
85 62.7 44.5 82.7



#27
1,2-Dichloroethane
Concen: 22.822 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion: 62 Resp: 103687
Ion Ratio Lower Upper
62 100
98 9.2 5.9 8.9#





#29

Cyclohexane

Concen: 23.919 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

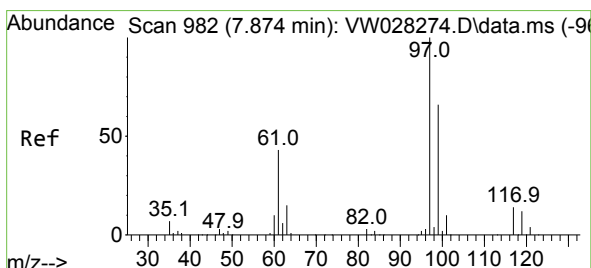
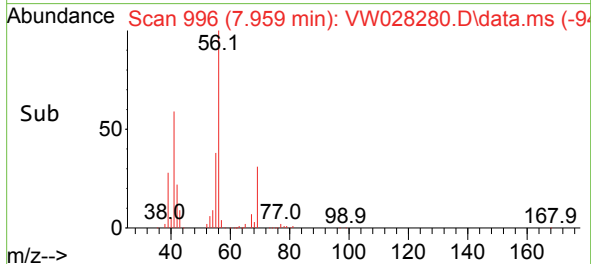
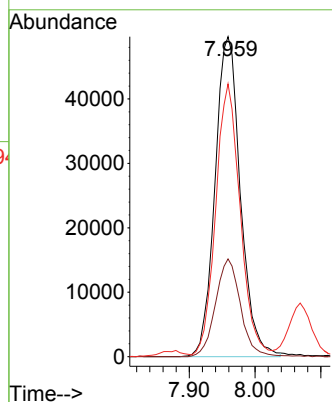
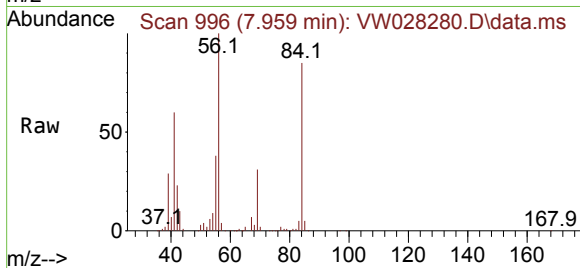
Tgt Ion: 56 Resp: 133496

Ion Ratio Lower Upper

56 100

69 30.0 24.0 36.0

84 82.5 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 23.768 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

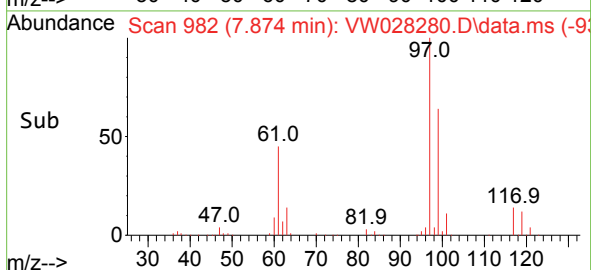
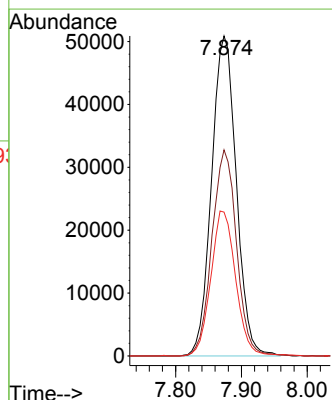
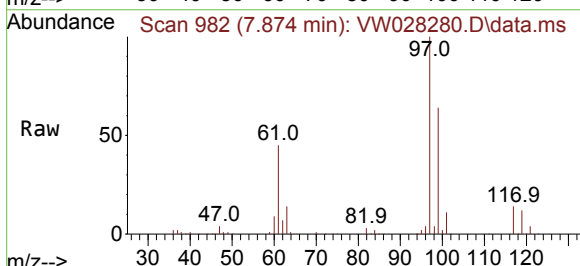
Tgt Ion: 97 Resp: 133313

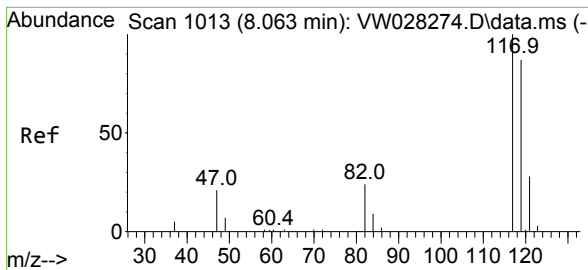
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 45.5 37.0 55.6

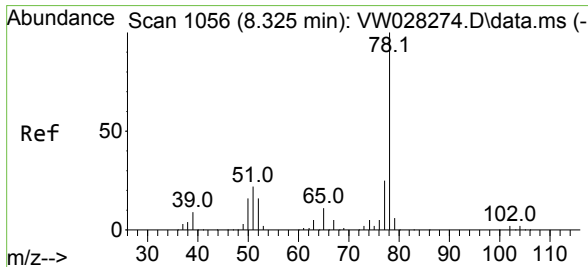
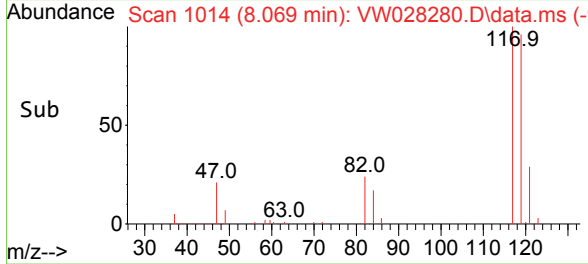
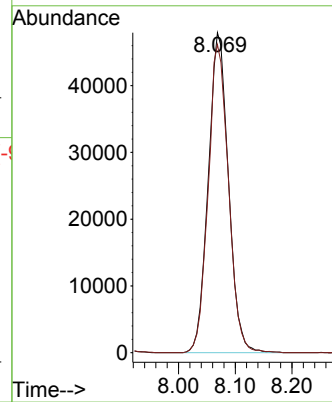
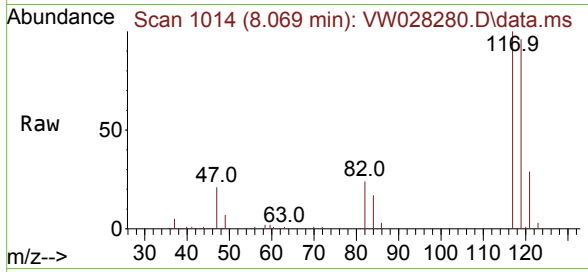




#31
Carbon tetrachloride
Concen: 22.548 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

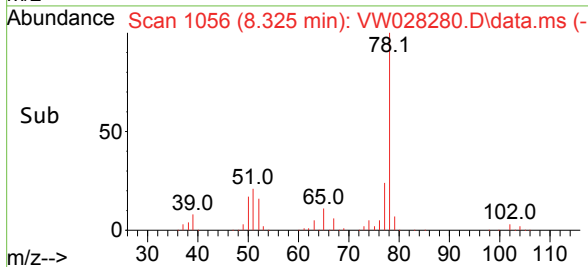
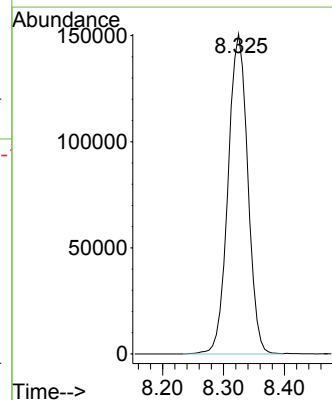
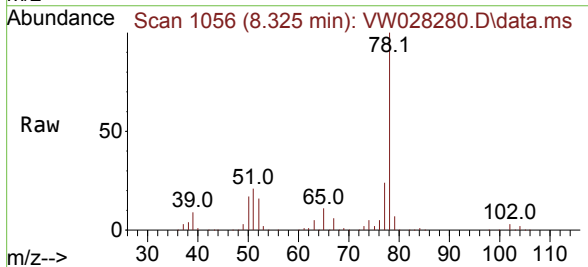
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

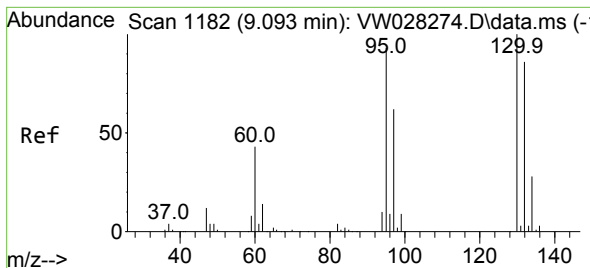
Tgt Ion:117 Resp: 118627
Ion Ratio Lower Upper
117 100
119 96.8 78.2 117.4



#33
Benzene
Concen: 25.710 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion: 78 Resp: 338523





#34

Trichloroethene

Concen: 24.660 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

Tgt Ion: 95 Resp: 90589

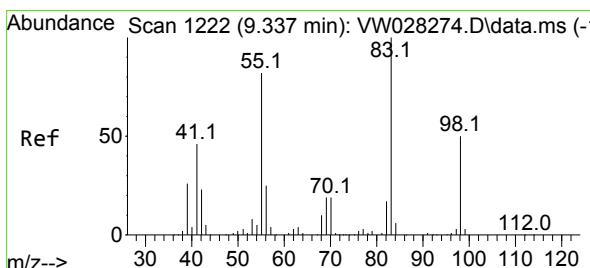
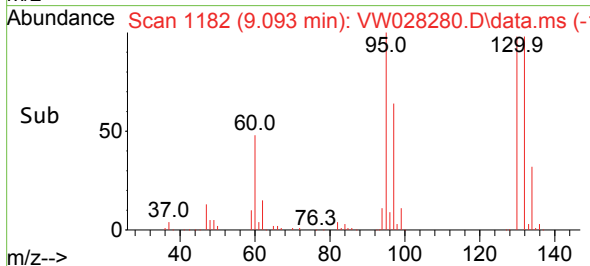
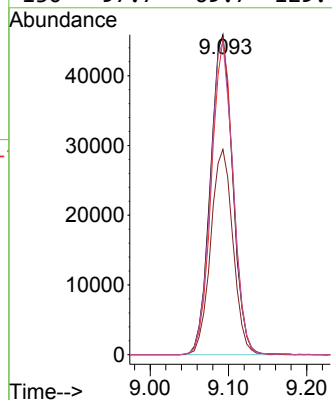
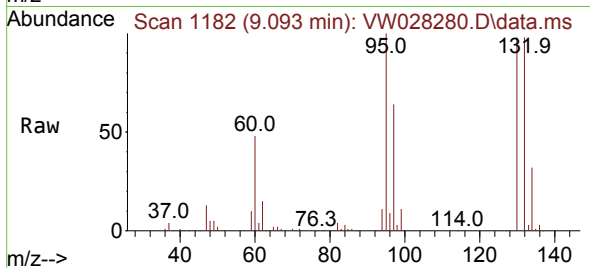
Ion Ratio Lower Upper

95 100

97 64.2 42.4 78.6

132 98.4 69.4 128.8

130 97.7 69.7 129.4



#35

Methylcyclohexane

Concen: 23.496 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

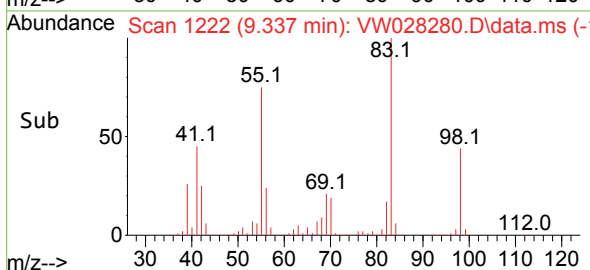
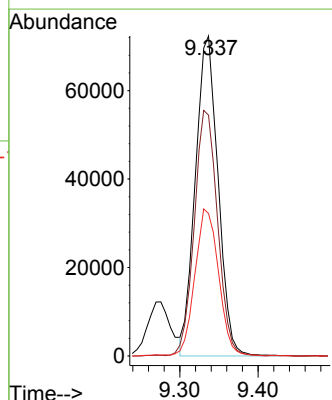
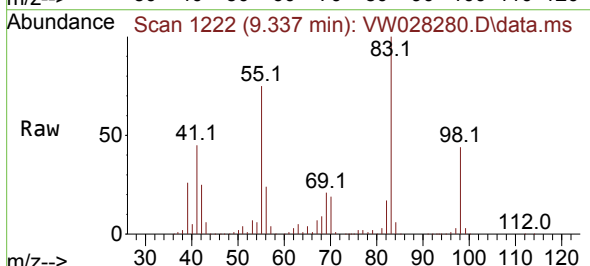
Tgt Ion: 83 Resp: 145894

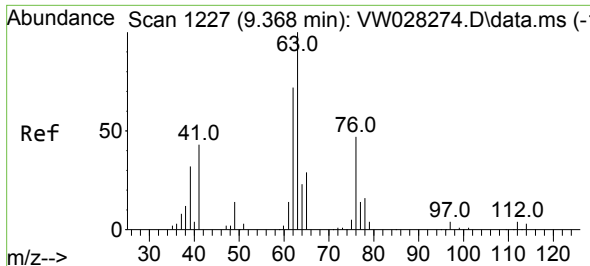
Ion Ratio Lower Upper

83 100

55 78.9 64.2 96.4

98 47.9 38.3 57.5

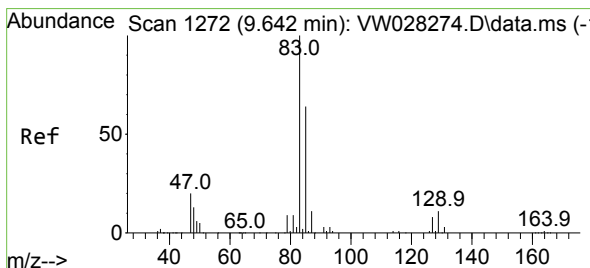
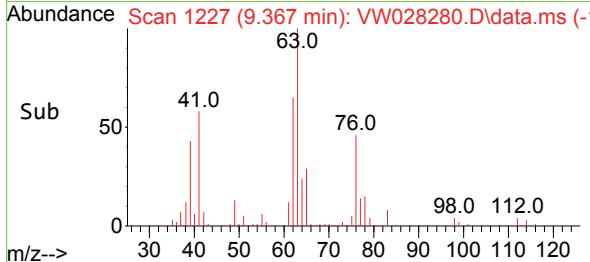
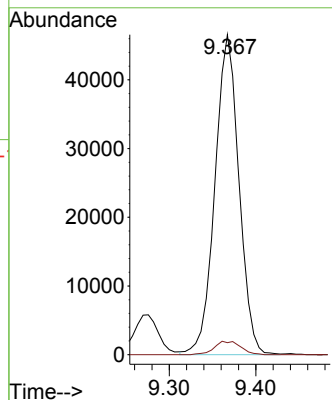
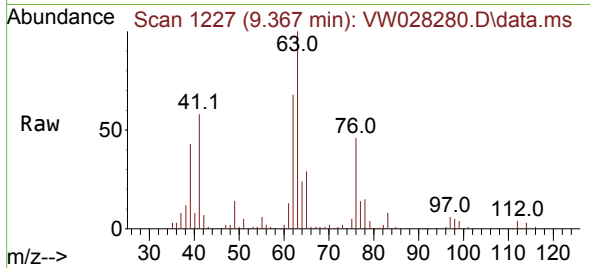




#37
1,2-Dichloropropane
Concen: 26.651 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

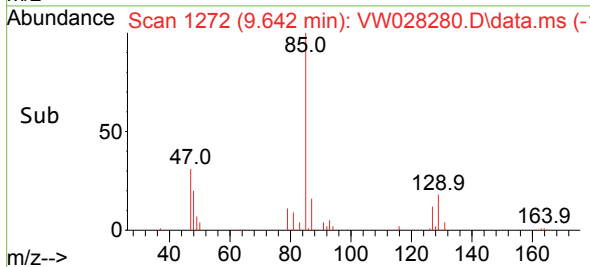
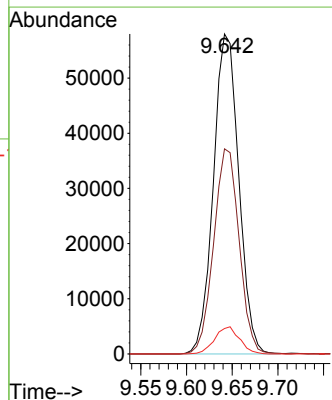
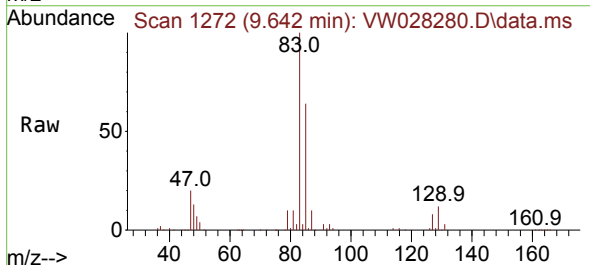
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

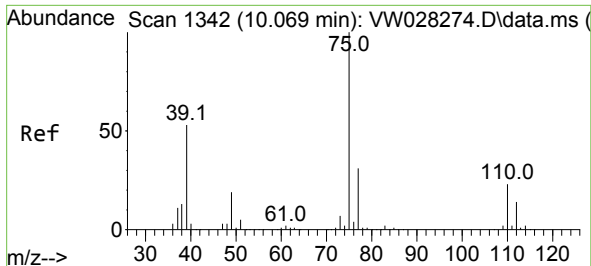
Tgt Ion: 63 Resp: 89754
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.8



#38
Bromodichloromethane
Concen: 24.668 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion: 83 Resp: 112010
Ion Ratio Lower Upper
83 100
85 64.1 45.8 85.2
127 8.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 25.157 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

Instrument :

MSVOA_W

ClientSampleId :

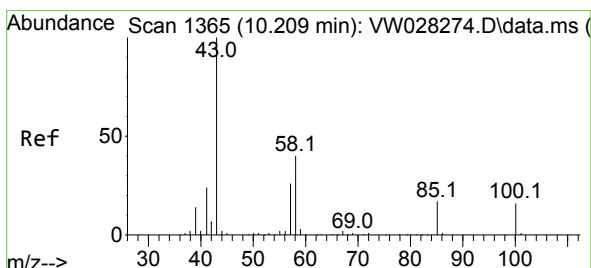
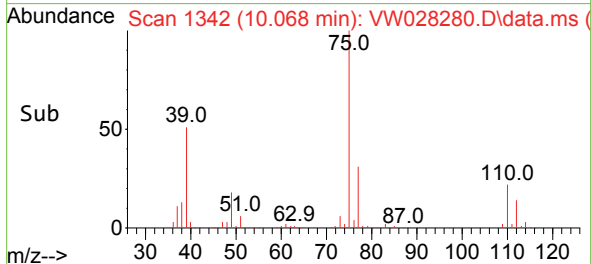
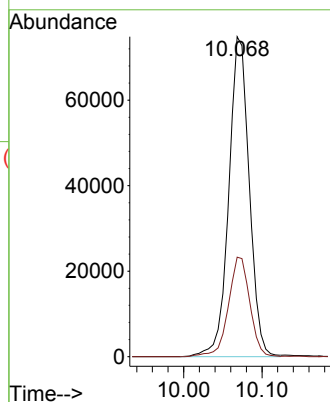
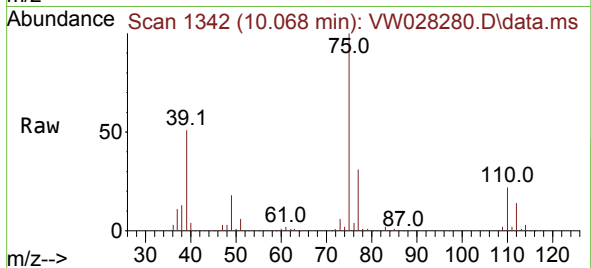
VSTD025532

Tgt Ion: 75 Resp: 135686

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 52.106 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

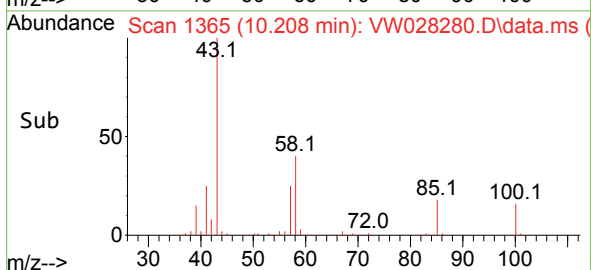
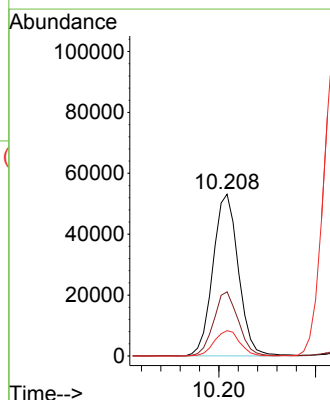
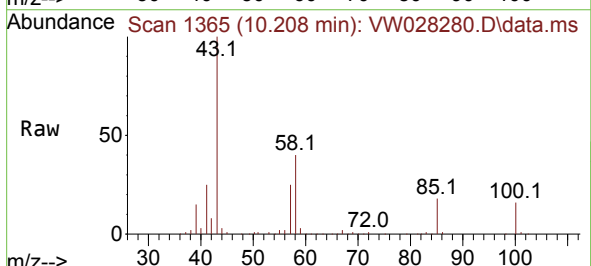
Tgt Ion: 43 Resp: 96863

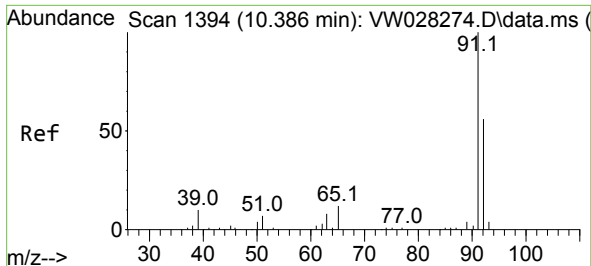
Ion Ratio Lower Upper

43 100

58 38.7 30.1 45.1

100 15.7 11.8 17.8





#42

Toluene

Concen: 25.300 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

Instrument :

MSVOA_W

ClientSampleId :

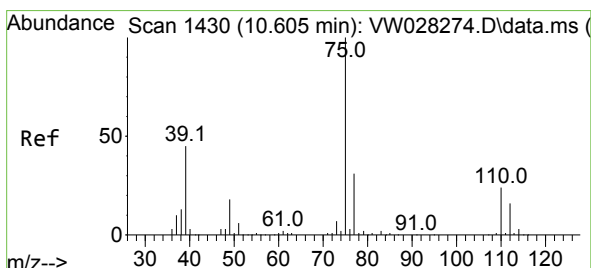
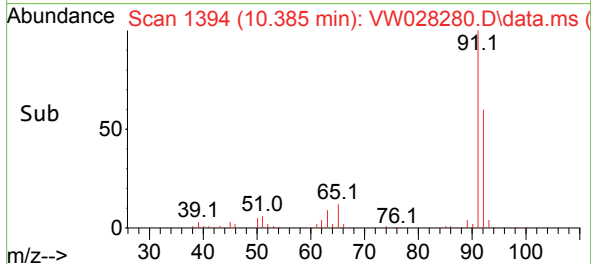
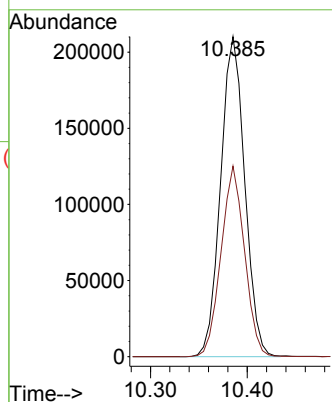
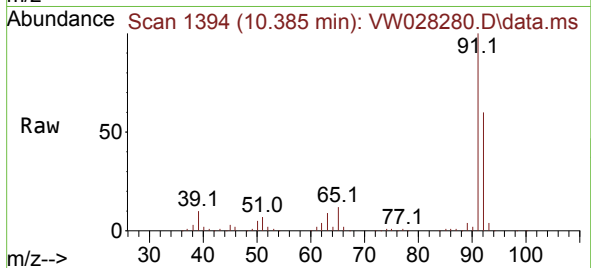
VSTD025532

Tgt Ion: 91 Resp: 363562

Ion Ratio Lower Upper

91 100

92 59.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 24.928 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028280.D

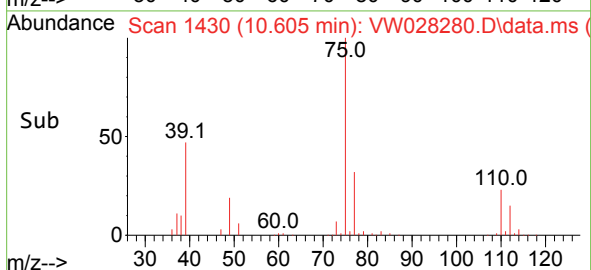
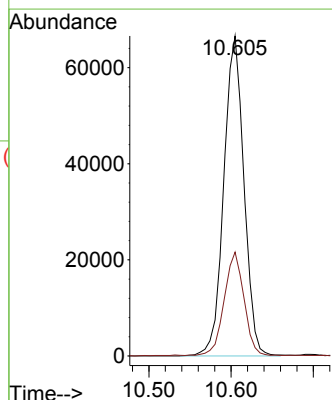
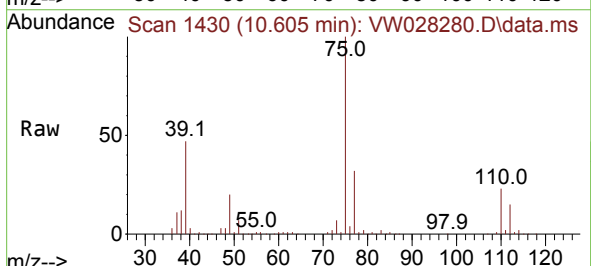
Acq: 29 Mar 2024 15:43

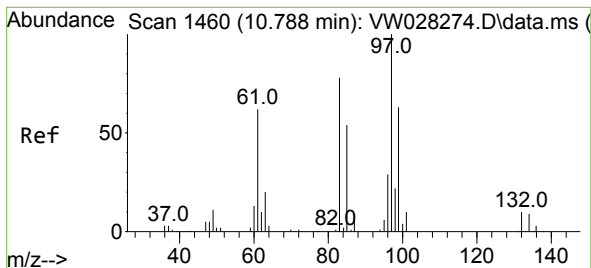
Tgt Ion: 75 Resp: 113511

Ion Ratio Lower Upper

75 100

77 32.4 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 26.194 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.007 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

Tgt Ion: 97 Resp: 63737

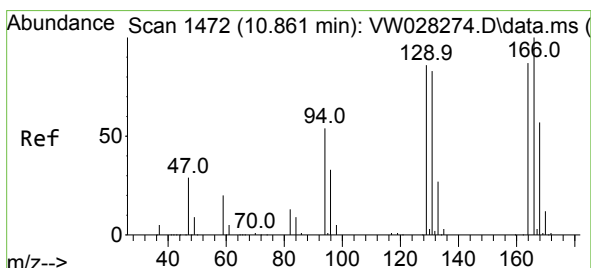
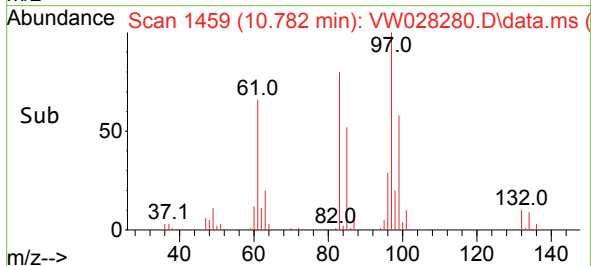
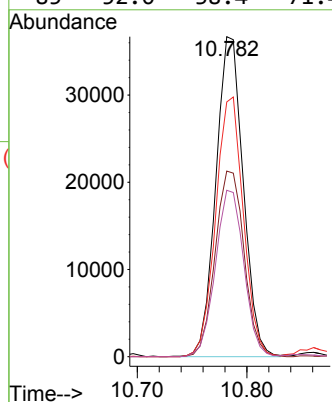
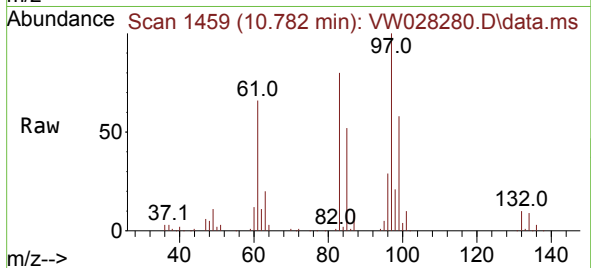
Ion Ratio Lower Upper

97 100

99 58.0 43.4 80.6

83 79.6 59.4 110.4

85 52.0 38.4 71.4



#46

Tetrachloroethene

Concen: 22.876 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.007 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

Tgt Ion:164 Resp: 67737

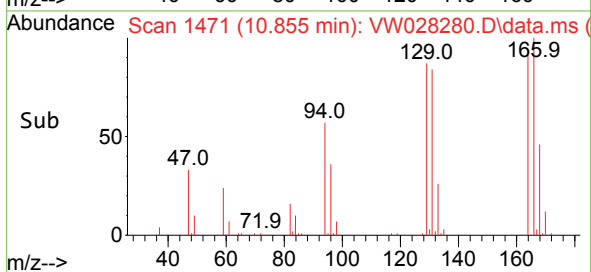
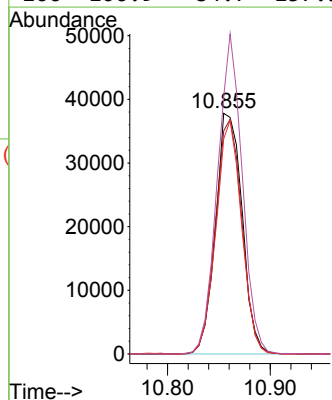
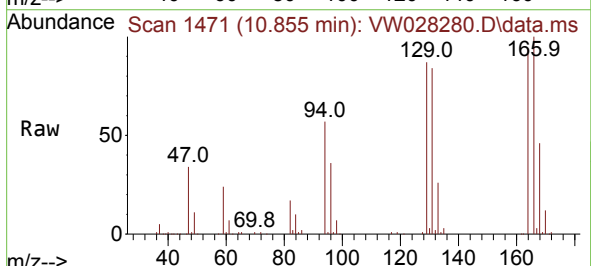
Ion Ratio Lower Upper

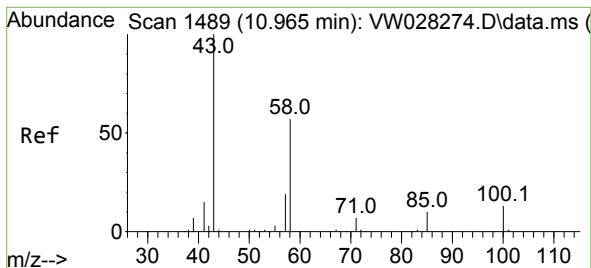
164 100

129 92.7 64.0 119.0

131 89.4 62.6 116.3

166 106.9 84.7 157.3

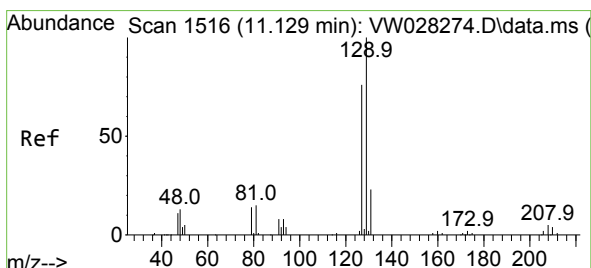
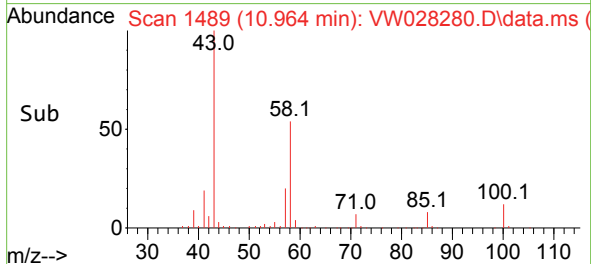
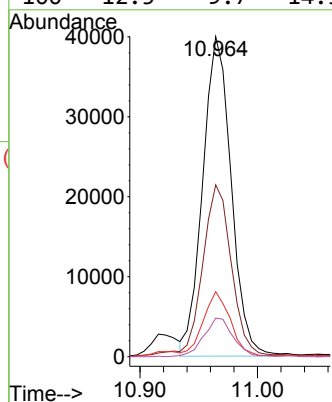
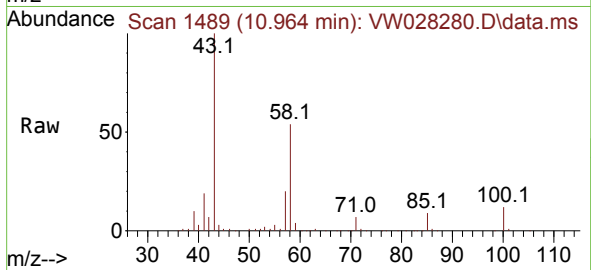




#48
2-Hexanone
Concen: 46.230 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

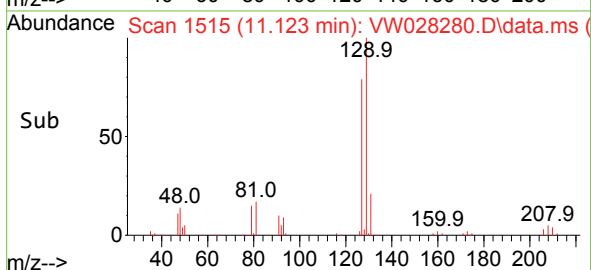
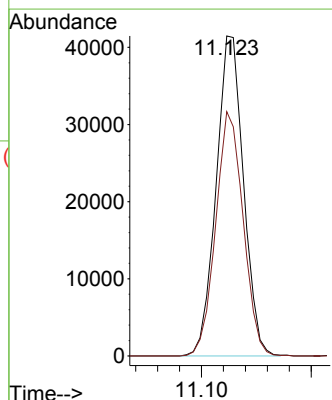
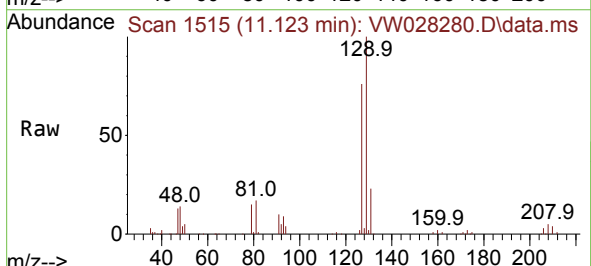
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

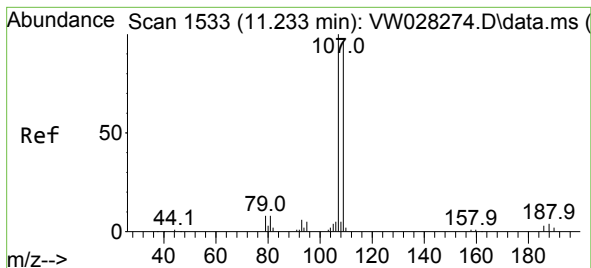
Tgt Ion:	43	Resp:	67320
Ion	Ratio	Lower	Upper
43	100		
58	54.1	40.6	61.0
57	19.6	15.7	23.5
100	12.5	9.7	14.5



#49
Dibromochloromethane
Concen: 24.956 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.007 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion:	129	Resp:	71918
Ion	Ratio	Lower	Upper
129	100		
127	76.4	53.1	98.7





#50

1,2-Dibromoethane

Concen: 24.856 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

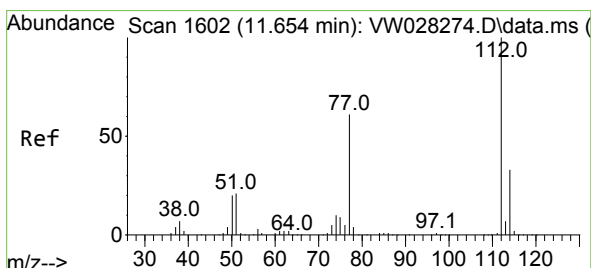
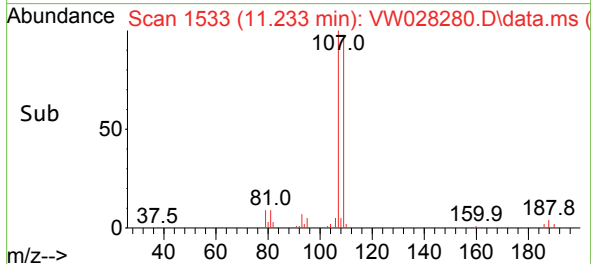
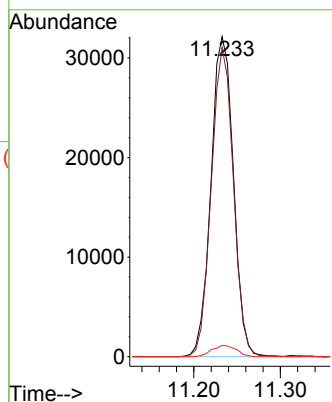
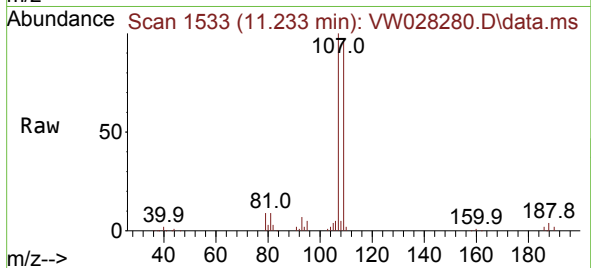
Tgt Ion:107 Resp: 57831

Ion Ratio Lower Upper

107 100

109 96.6 64.4 119.6

188 3.6 3.4 5.2



#51

Chlorobenzene

Concen: 25.309 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

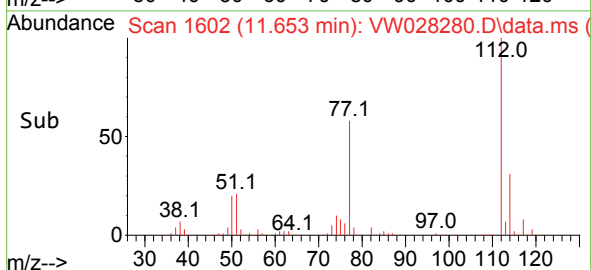
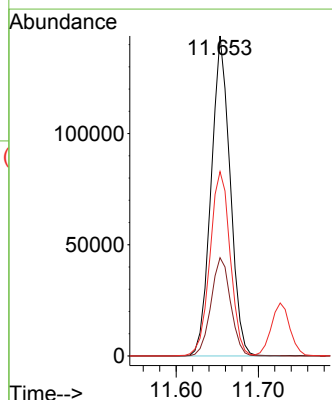
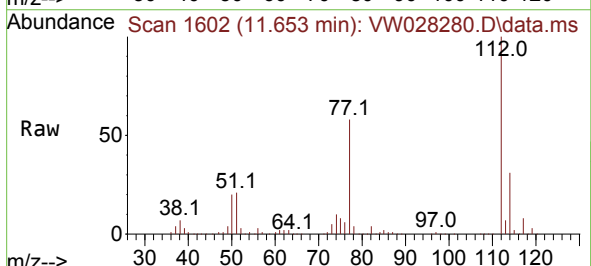
Tgt Ion:112 Resp: 230846

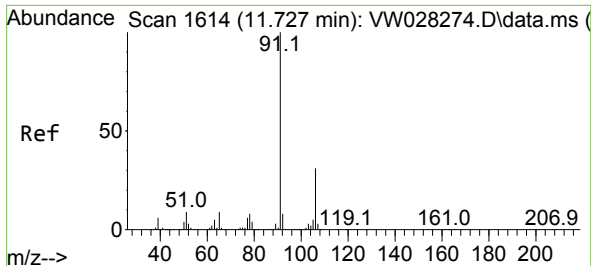
Ion Ratio Lower Upper

112 100

114 30.7 21.8 40.6

77 57.6 50.6 76.0

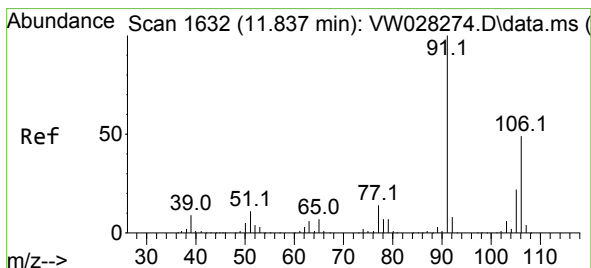
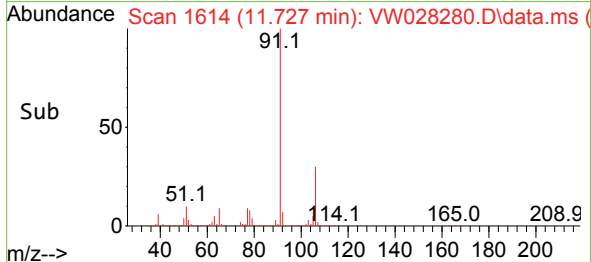
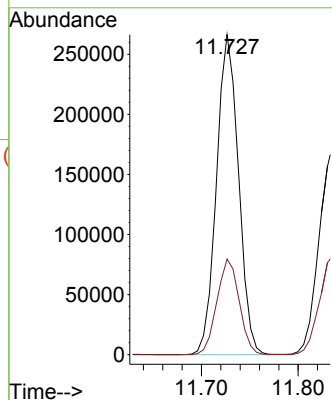
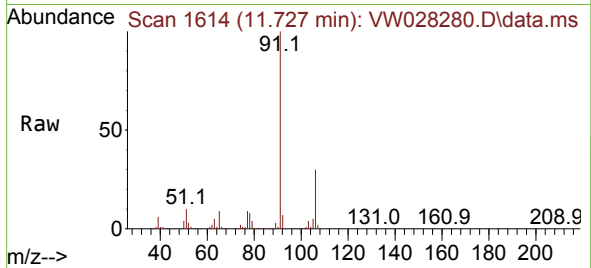




#52
Ethylbenzene
Concen: 25.105 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

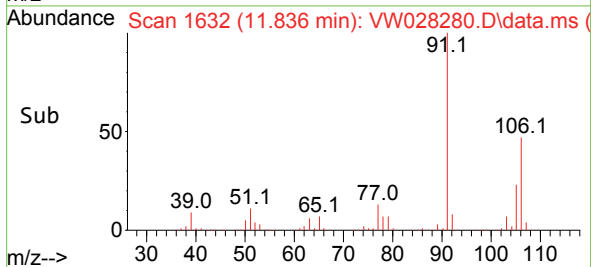
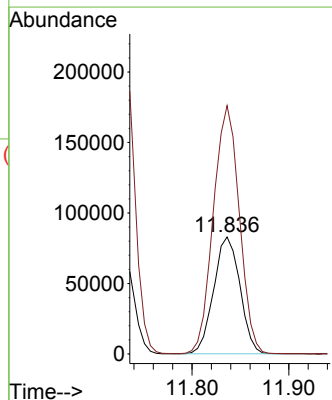
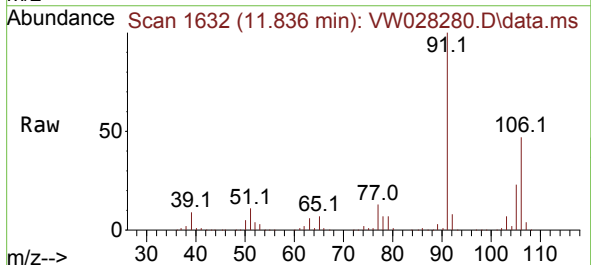
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

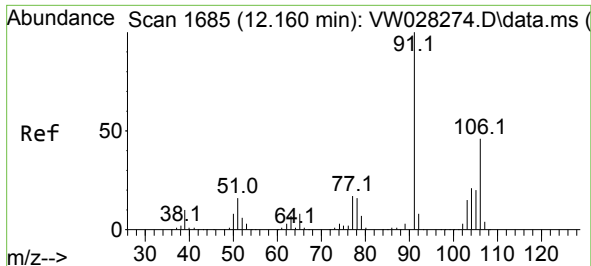
Tgt Ion: 91 Resp: 421145
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 24.771 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion:106 Resp: 156373
Ion Ratio Lower Upper
106 100
91 212.2 147.1 273.1

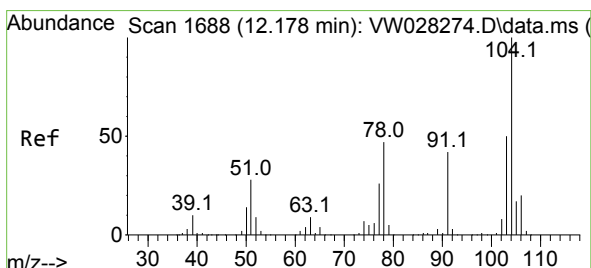
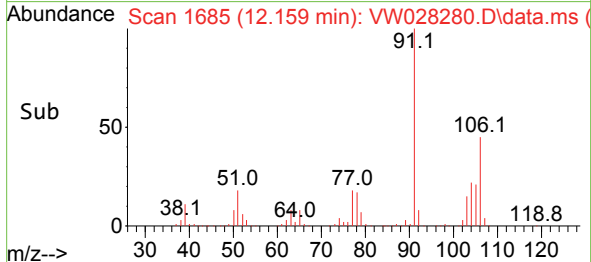
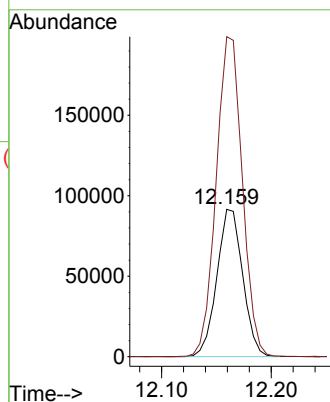
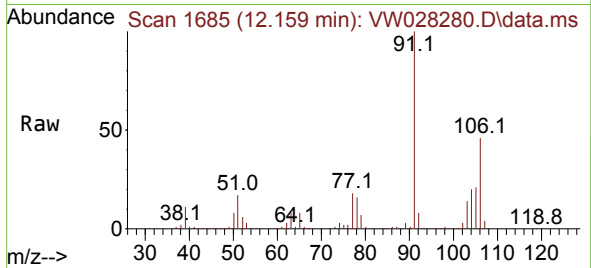




#54
o-Xylene
Concen: 25.639 ug/L
RT: 12.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

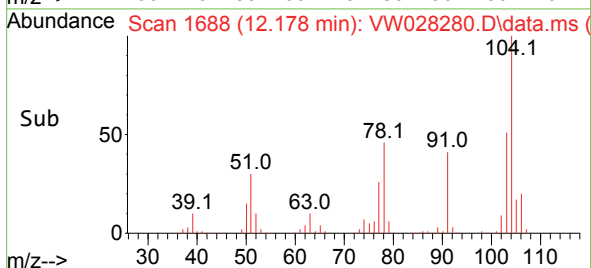
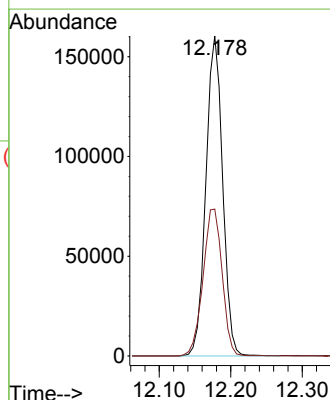
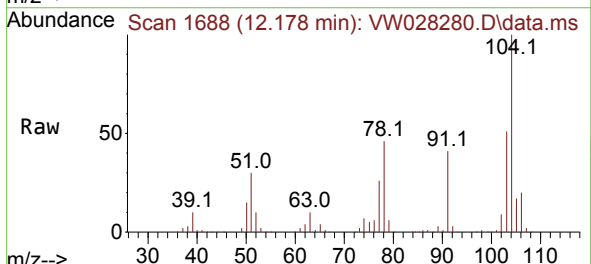
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

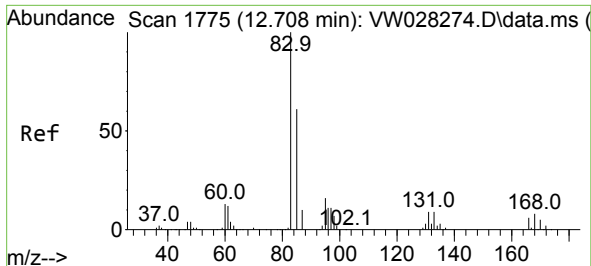
Tgt Ion:106 Resp: 150092
Ion Ratio Lower Upper
106 100
91 217.0 149.2 277.2



#55
Styrene
Concen: 25.973 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion:104 Resp: 261167
Ion Ratio Lower Upper
104 100
78 45.9 33.2 61.7

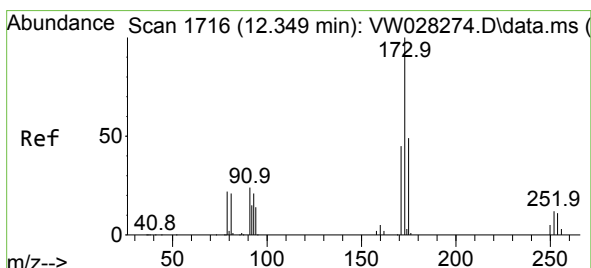
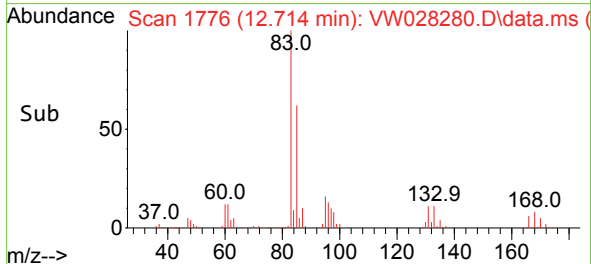
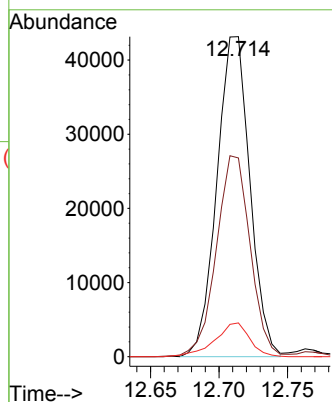
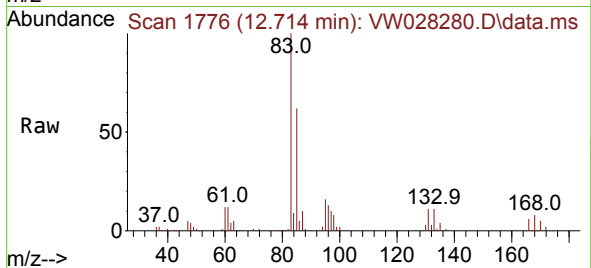




#57
1,1,2,2-Tetrachloroethane
Concen: 26.000 ug/L
RT: 12.714 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

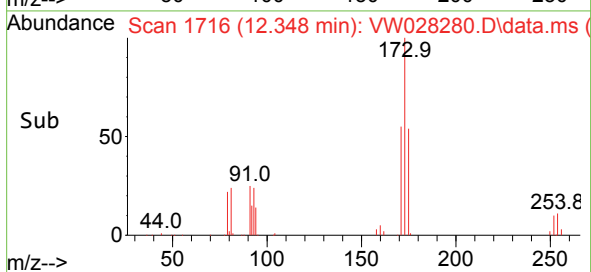
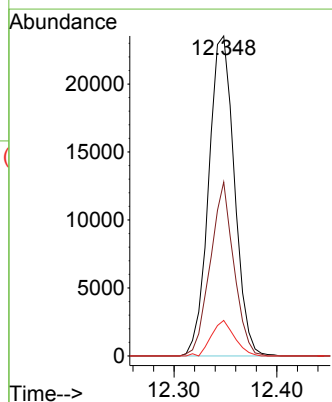
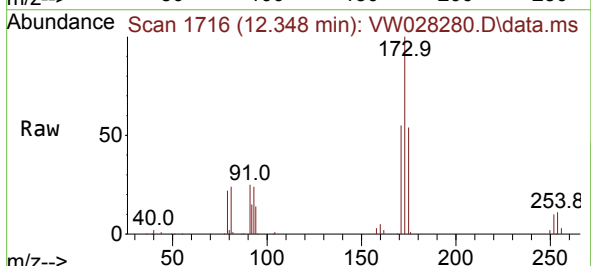
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

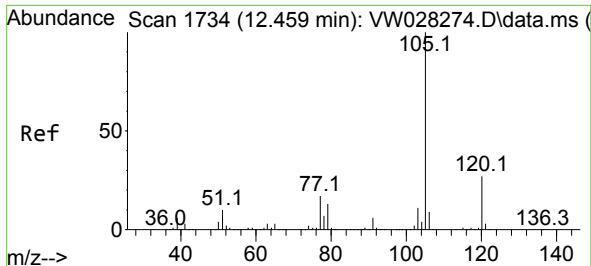
Tgt Ion: 83 Resp: 72362
Ion Ratio Lower Upper
83 100
85 62.1 47.0 87.2
131 10.5 8.9 13.3



#59
Bromoform
Concen: 24.523 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion:173 Resp: 40845
Ion Ratio Lower Upper
173 100
175 49.8 39.8 59.6
254 9.9 8.5 12.7

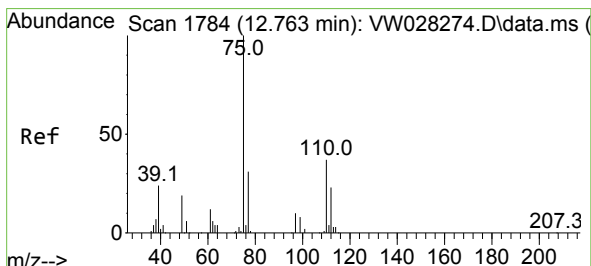
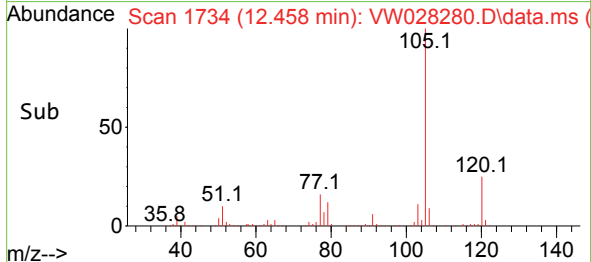
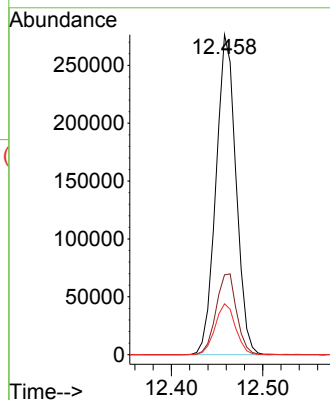
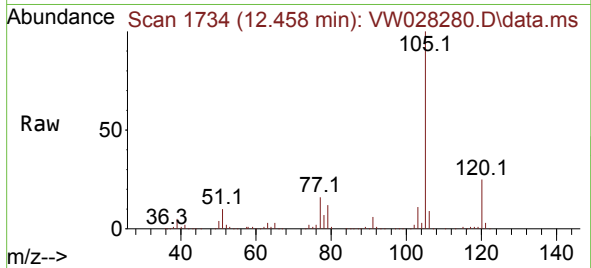




#60
Isopropylbenzene
Concen: 25.526 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

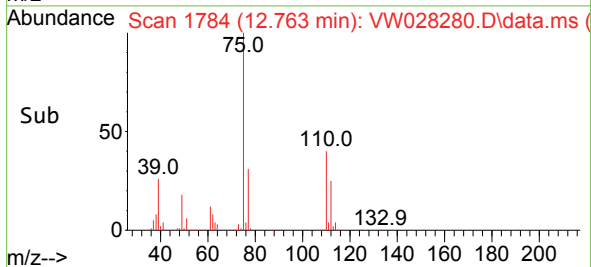
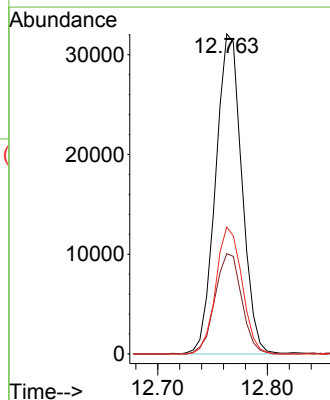
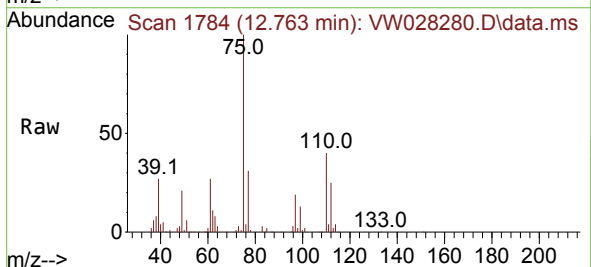
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

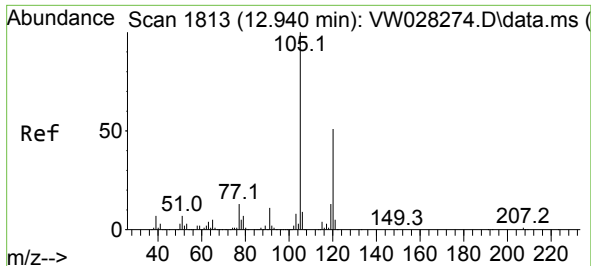
Tgt Ion:105 Resp: 421555
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 16.2 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 25.177 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion: 75 Resp: 53410
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 39.4 32.2 48.2

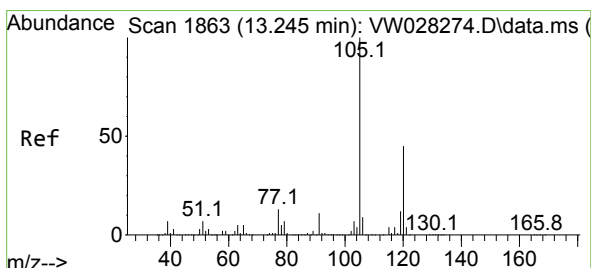
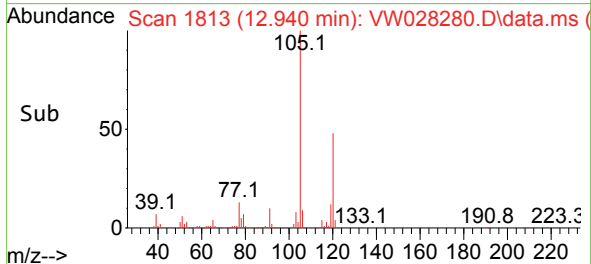
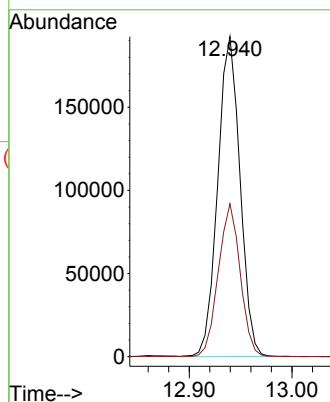
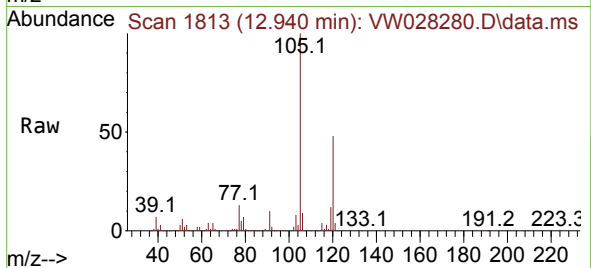




#62
1,3,5-Trimethylbenzene
Concen: 26.157 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

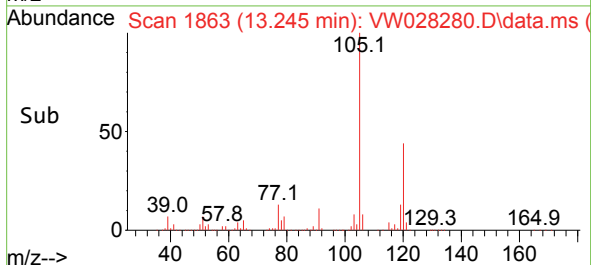
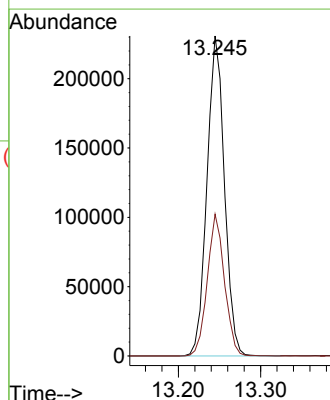
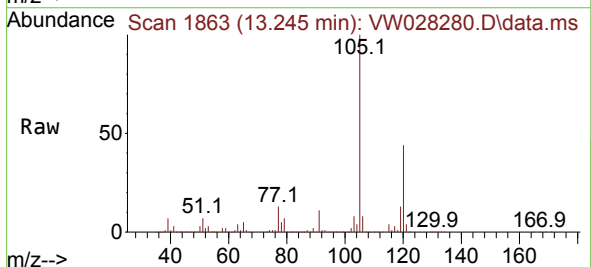
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

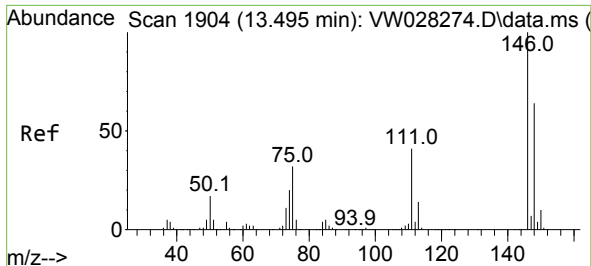
Tgt Ion:105 Resp: 289845
Ion Ratio Lower Upper
105 100
120 46.8 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 25.444 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion:105 Resp: 340441
Ion Ratio Lower Upper
105 100
120 43.6 35.6 53.4

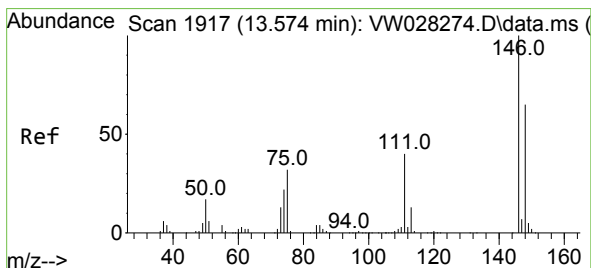
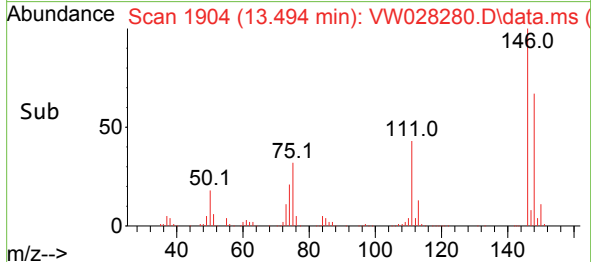
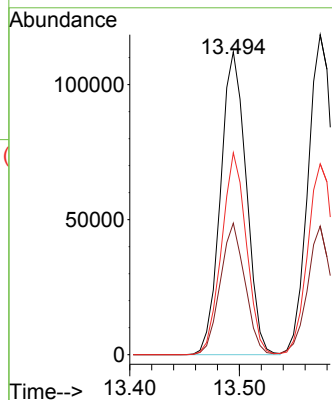
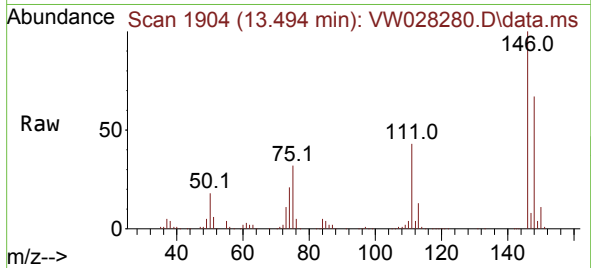




#64
1,3-Dichlorobenzene
Concen: 24.784 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

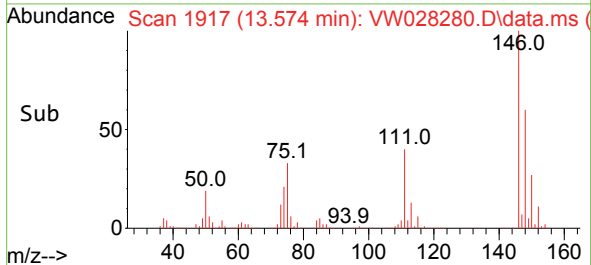
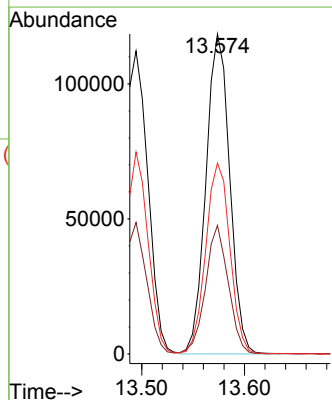
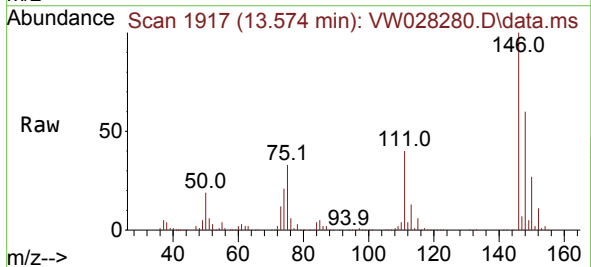
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

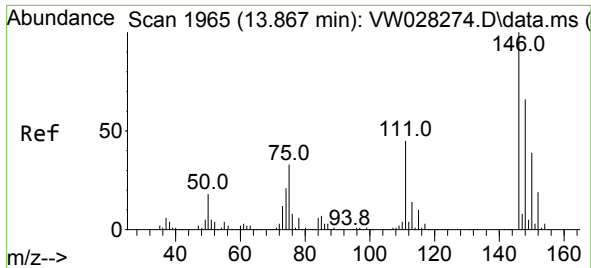
Tgt Ion:146 Resp: 182596
Ion Ratio Lower Upper
146 100
111 43.4 28.5 52.9
148 66.7 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 25.877 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion:146 Resp: 190646
Ion Ratio Lower Upper
146 100
111 40.2 28.8 53.6
148 59.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 25.549 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

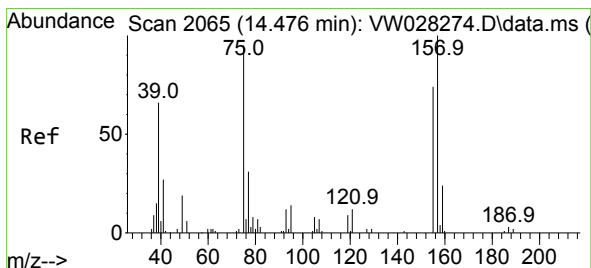
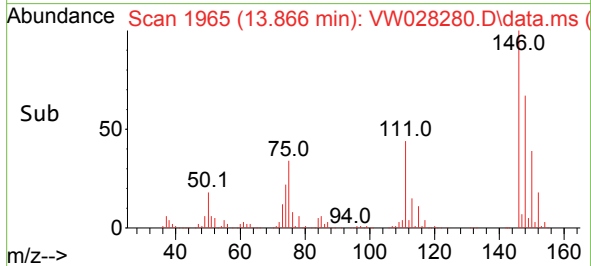
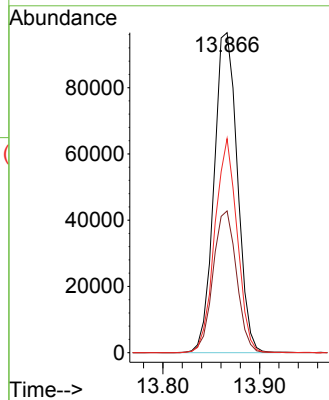
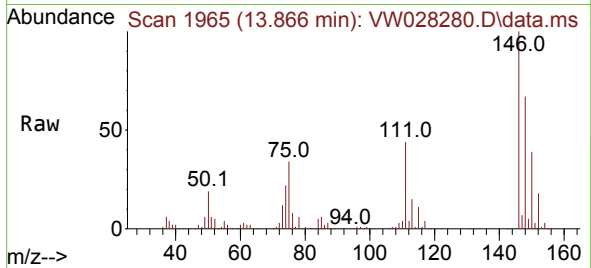
Tgt Ion:146 Resp: 162099

Ion Ratio Lower Upper

146 100

111 44.3 34.2 51.2

148 66.9 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 23.248 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

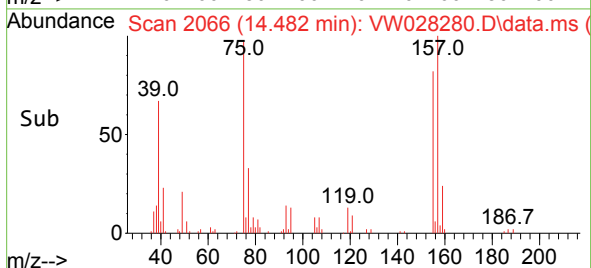
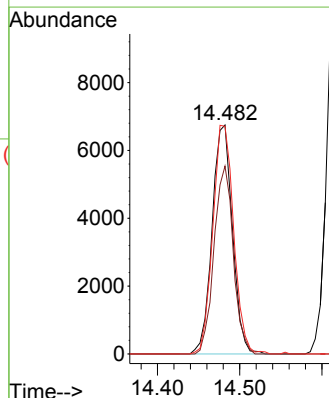
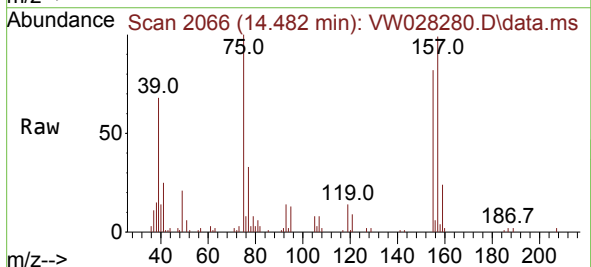
Tgt Ion: 75 Resp: 11585

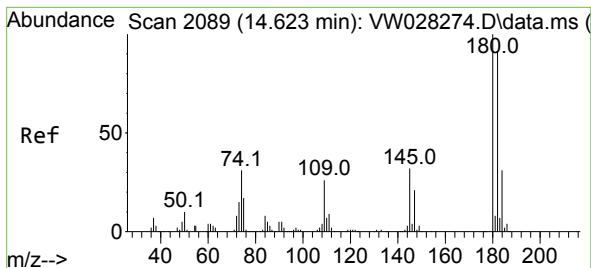
Ion Ratio Lower Upper

75 100

155 82.0 61.1 91.7

157 99.4 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 25.488 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

Tgt Ion:180 Resp: 130806

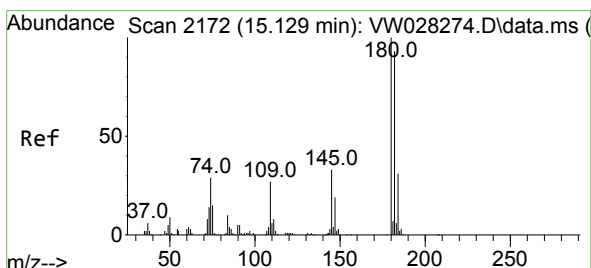
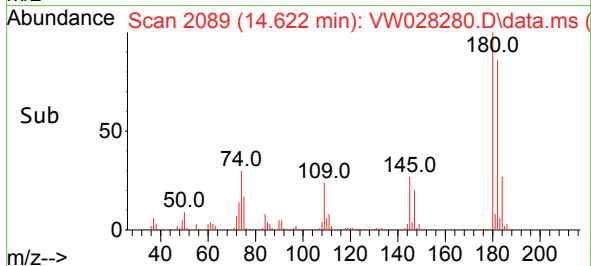
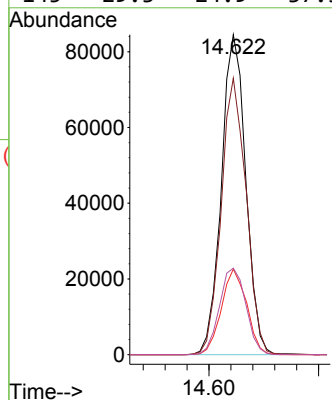
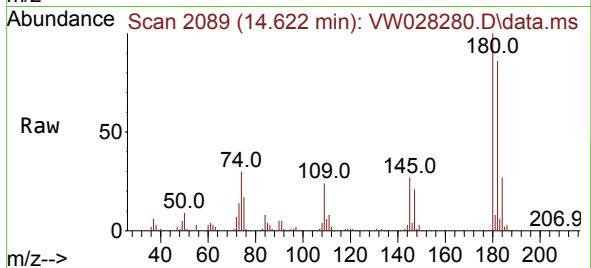
Ion Ratio Lower Upper

180 100

182 88.1 76.6 114.8

184 27.7 23.5 35.3

145 29.3 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 23.621 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.007 min

Lab File: VW028280.D

Acq: 29 Mar 2024 15:43

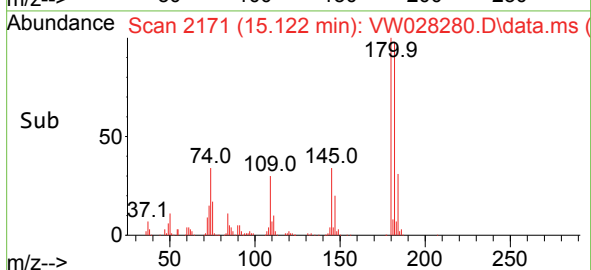
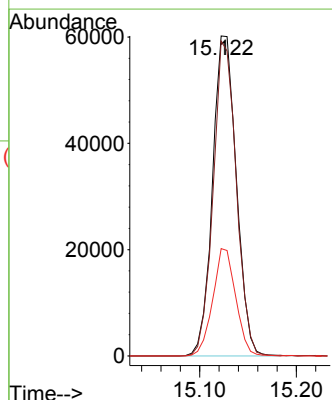
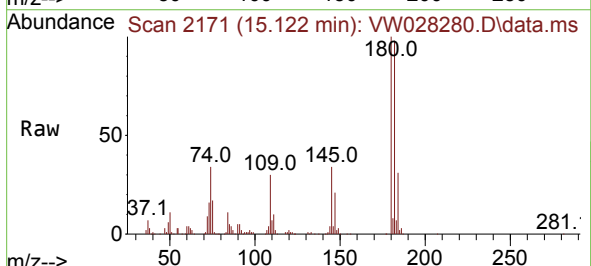
Tgt Ion:180 Resp: 102984

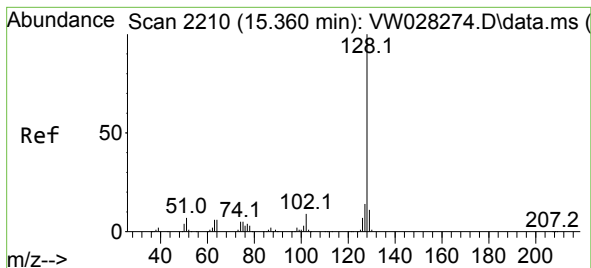
Ion Ratio Lower Upper

180 100

182 95.3 73.8 110.8

145 32.4 25.0 37.6

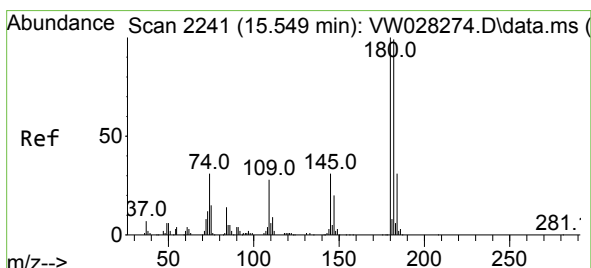
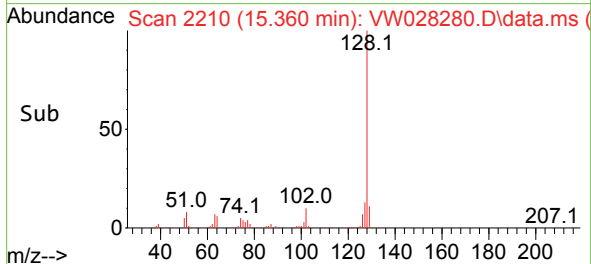
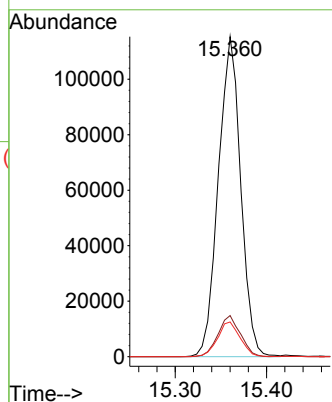
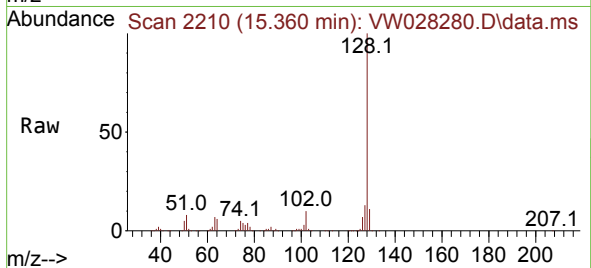




#71
Naphthalene
Concen: 26.227 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

Tgt Ion:128 Resp: 196262
Ion Ratio Lower Upper
128 100
127 12.9 10.9 16.3
129 11.0 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 24.749 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW028280.D
Acq: 29 Mar 2024 15:43

Tgt Ion:180 Resp: 88950
Ion Ratio Lower Upper
180 100
182 95.7 76.0 114.0
145 33.7 27.1 40.7

