

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040324\
 Data File : VW028302.D
 Acq On : 03 Apr 2024 18:44
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

Quant Time: Apr 04 03:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 04 03:01:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	229561	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	216815	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114718	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43923	16.353	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.400%		
7) Chloroethane-d5	2.899	69	38417	20.472	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.880%		
11) 1,1-Dichloroethene-d2	4.027	65	29046	17.053	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.200%		
21) 2-Butanone-d5	7.081	46	51050	64.441	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.880%		
24) Chloroform-d	7.648	84	167414	24.732	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.920%		
26) 1,2-Dichloroethane-d4	8.307	65	91511	24.531	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.120%		
32) Benzene-d6	8.276	84	304443	22.999	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.000%		
36) 1,2-Dichloropropane-d6	9.276	67	99271	26.059	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.240%		
41) Toluene-d8	10.319	98	270072	22.119	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.480%		
43) trans-1,3-Dichloroprop...	10.575	79	39685	22.937	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.760%		
47) 2-Hexanone-d5	10.922	63	40586	64.455	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.920%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84594	30.062	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	120.240%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	106904	25.581	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	48564	14.583	ug/L	95
3) Chloromethane	2.223	50	46879	19.848	ug/L	100
5) Vinyl chloride	2.375	62	54808	20.528	ug/L	99
6) Bromomethane	2.789	94	35282	22.190	ug/L	94
8) Chloroethane	2.936	64	33333	23.228	ug/L	97
9) Trichlorofluoromethane	3.271	101	61661	19.102	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	70006	21.831	ug/L	96
12) 1,1-Dichloroethene	4.051	96	64008	21.592	ug/L	84
13) Acetone	4.131	43	30874	35.100	ug/L	96
14) Carbon disulfide	4.393	76	178201	19.274	ug/L	100
15) Methyl Acetate	4.673	43	37183	27.444	ug/L	99
16) Methylene chloride	4.923	84	75984	21.748	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	70499	22.378	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	123332	25.948	ug/L	98
19) 1,1-Dichloroethane	6.222	63	150405	24.661	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	84500	24.836	ug/L	96
22) 2-Butanone	7.173	43	45518	45.579	ug/L	99
23) Bromochloromethane	7.520	128	37826	25.147	ug/L	95
25) Chloroform	7.679	83	152727	24.325	ug/L	99

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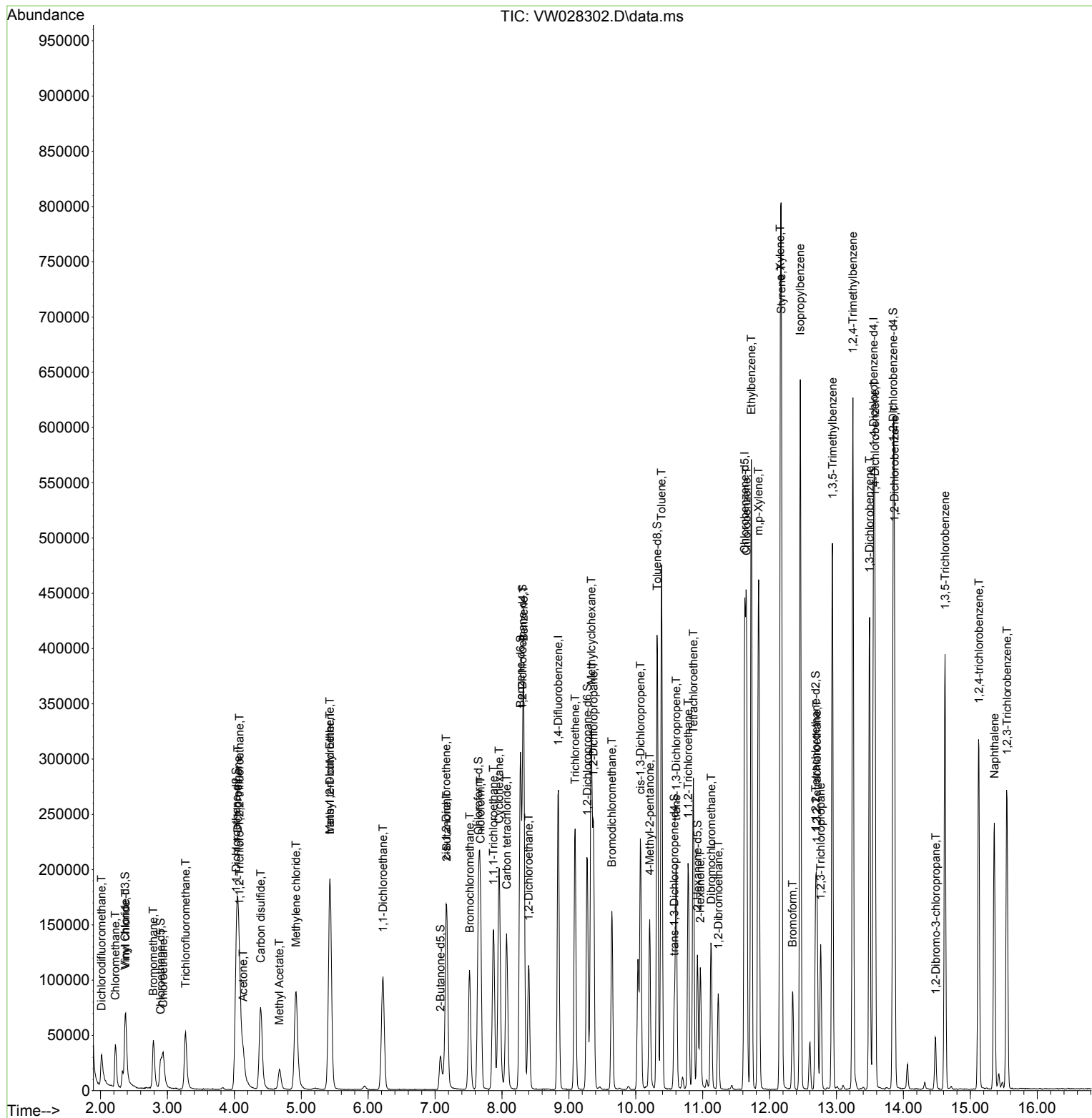
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	103781	23.406	ug/L #	96
29) Cyclohexane	7.959	56	119011	21.044	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	121168	21.319	ug/L	99
31) Carbon tetrachloride	8.069	117	110235	20.678	ug/L	96
33) Benzene	8.325	78	316292	23.707	ug/L	100
34) Trichloroethene	9.093	95	82576	22.184	ug/L	97
35) Methylcyclohexane	9.337	83	129092	20.518	ug/L	100
37) 1,2-Dichloropropane	9.368	63	87273	25.574	ug/L	99
38) Bromodichloromethane	9.642	83	109385	23.774	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	131546	24.070	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	101075	53.658	ug/L	98
42) Toluene	10.386	91	338833	23.270	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	111771	24.224	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	64228	26.050	ug/L	96
46) Tetrachloroethene	10.861	164	64394	21.461	ug/L	93
48) 2-Hexanone	10.965	43	69562	47.143	ug/L	96
49) Dibromochloromethane	11.129	129	72108	24.694	ug/L	98
50) 1,2-Dibromoethane	11.233	107	58095	24.642	ug/L	99
51) Chlorobenzene	11.654	112	219958	23.799	ug/L	100
52) Ethylbenzene	11.727	91	393034	23.122	ug/L	97
53) m,p-Xylene	11.837	106	146745	22.941	ug/L	97
54) o-Xylene	12.160	106	140654	23.712	ug/L	93
55) Styrene	12.178	104	251784	24.712	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	75205	26.667	ug/L	96
59) Bromoform	12.343	173	42097	24.489	ug/L	97
60) Isopropylbenzene	12.459	105	394769	23.161	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	54761	25.012	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	259740	22.712	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	324221	23.479	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	171533	22.558	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	175572	23.091	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	160880	24.568	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.483	75	11777	22.899	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	119688	22.597	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	102365	22.749	ug/L	98
71) Naphthalene	15.360	128	201597	26.103	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	90011	24.265	ug/L	99

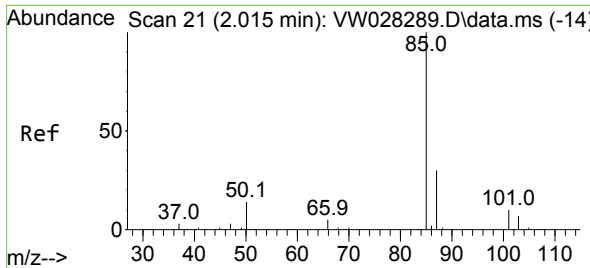
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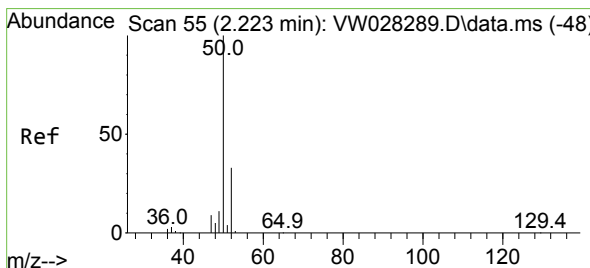
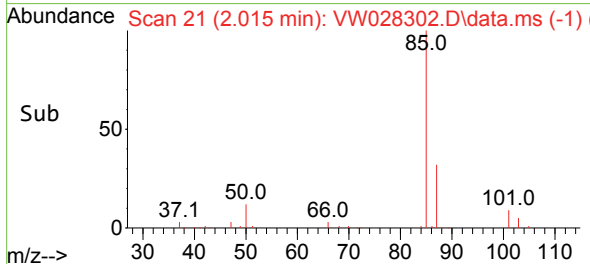
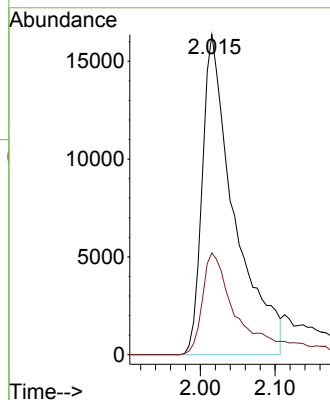
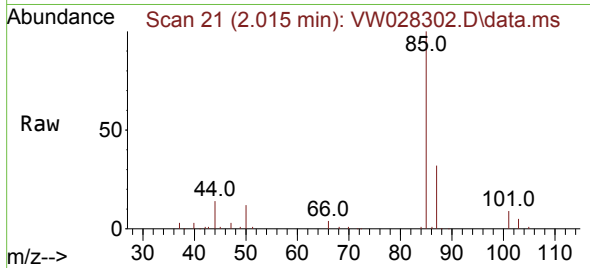




#2
Dichlorodifluoromethane
Concen: 14.583 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

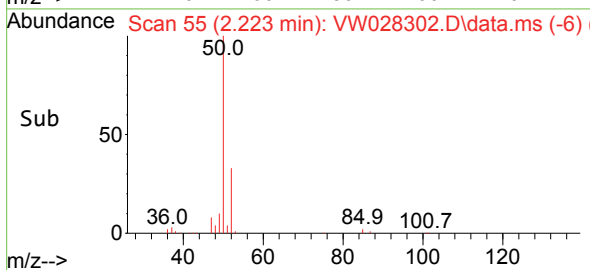
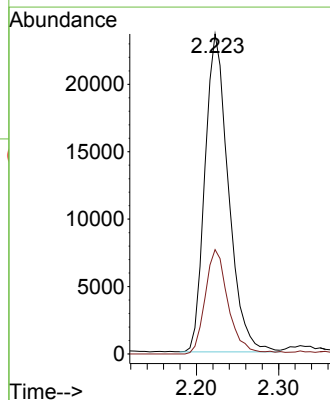
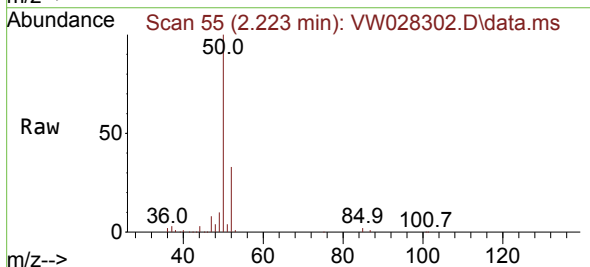
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MSVOA_W
ClientSampleId :
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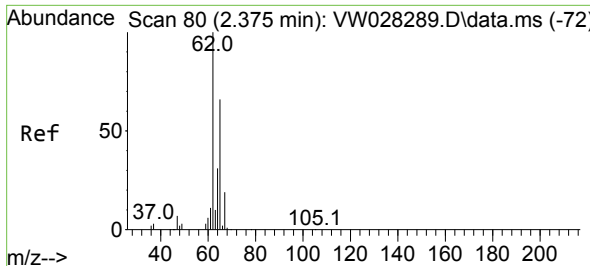
Tgt Ion: 85 Resp: 48564
Ion Ratio Lower Upper
85 100
87 28.5 20.9 31.3



#3
Chloromethane
Concen: 19.848 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 50 Resp: 46879
Ion Ratio Lower Upper
50 100
52 32.6 22.7 42.1

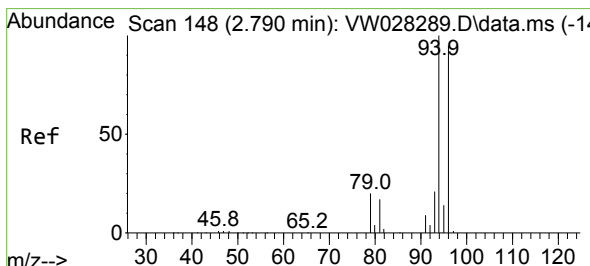
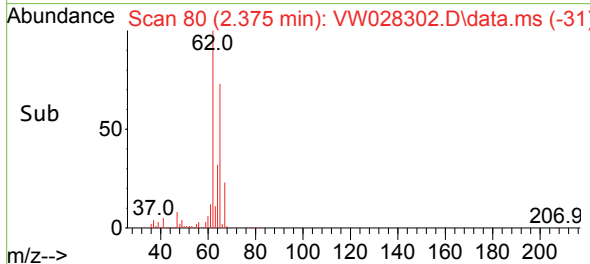
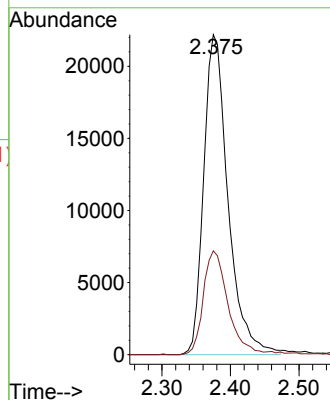
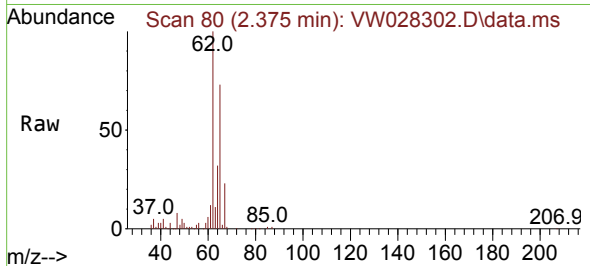




#5
 Vinyl chloride
 Concen: 20.528 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028302.D
 Acq: 03 Apr 2024 18:44

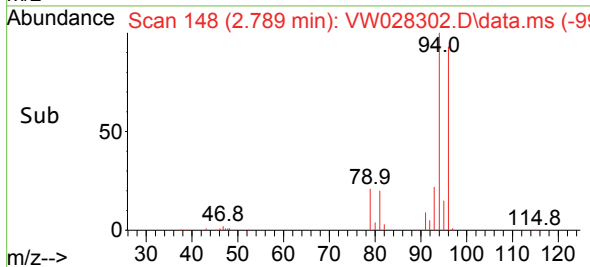
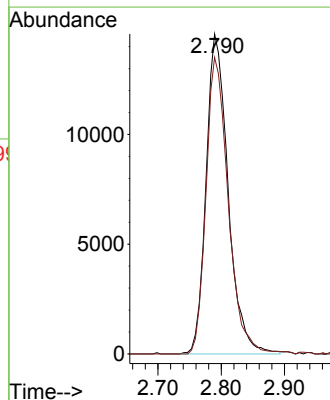
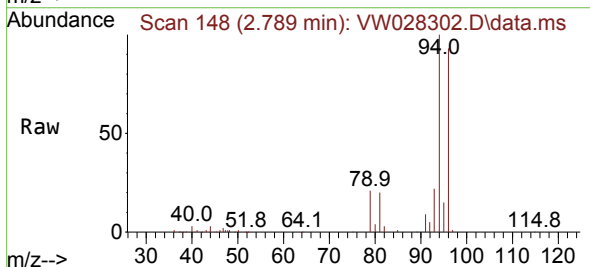
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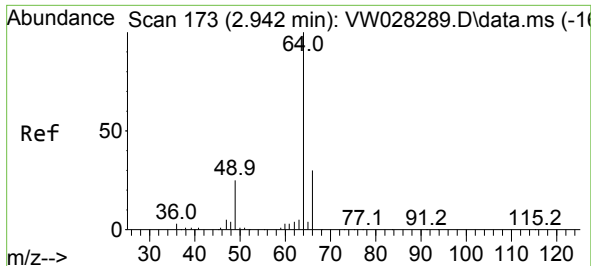
Tgt Ion: 62 Resp: 54808
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.5 41.7



#6
 Bromomethane
 Concen: 22.190 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028302.D
 Acq: 03 Apr 2024 18:44

Tgt Ion: 94 Resp: 35282
 Ion Ratio Lower Upper
 94 100
 96 92.7 60.8 113.0

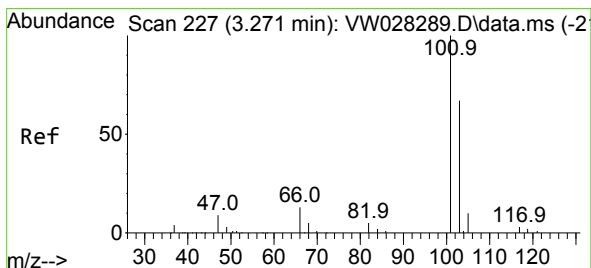
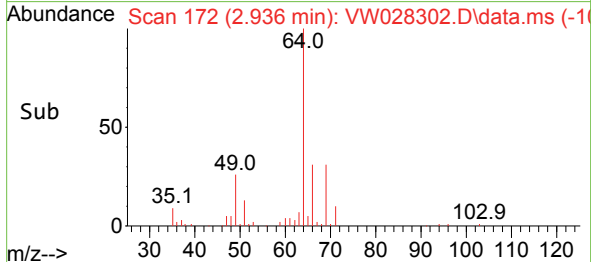
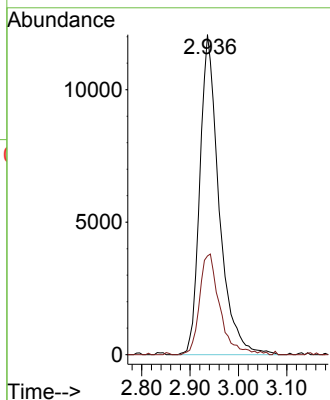
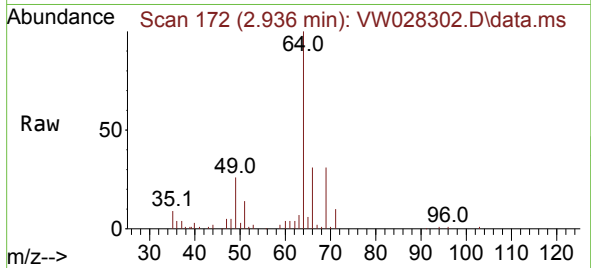




#8
Chloroethane
Concen: 23.228 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028302.D
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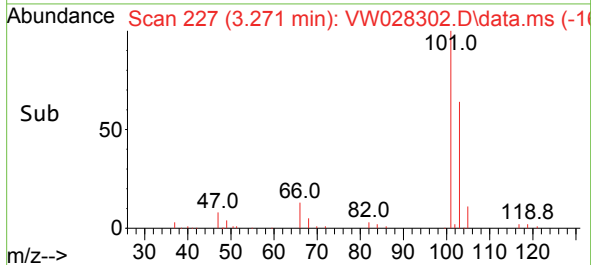
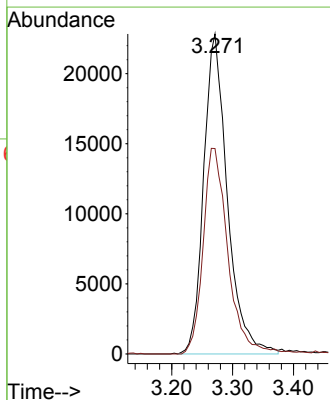
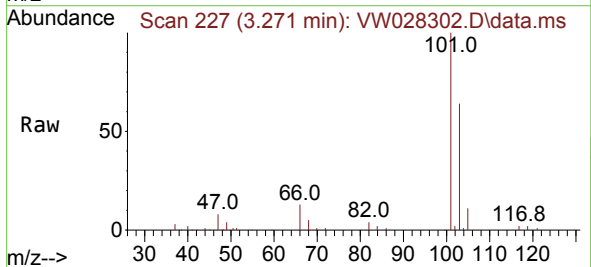
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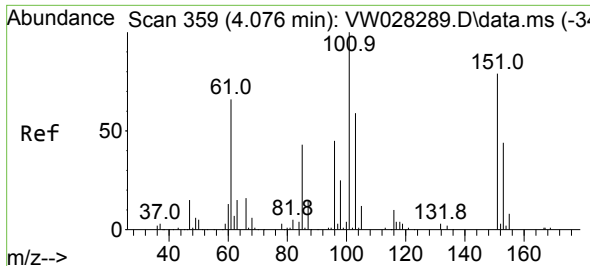
Tgt Ion: 64 Resp: 33333
Ion Ratio Lower Upper
64 100
66 30.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 19.102 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion:101 Resp: 61661
Ion Ratio Lower Upper
101 100
103 66.7 50.9 76.3

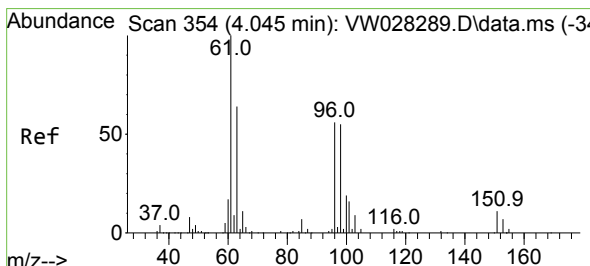
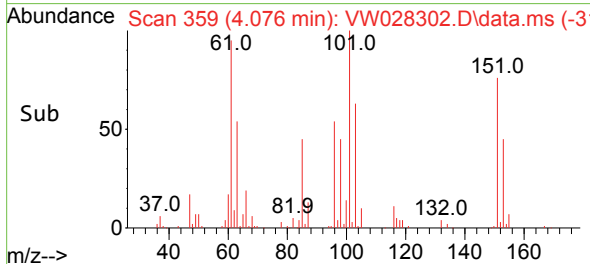
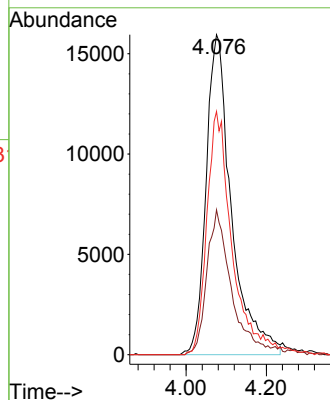
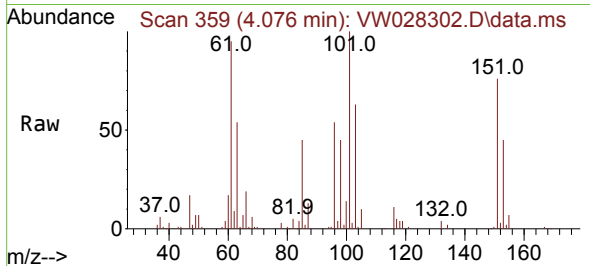




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.831 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW028302.D
 Acq: 03 Apr 2024 18:44

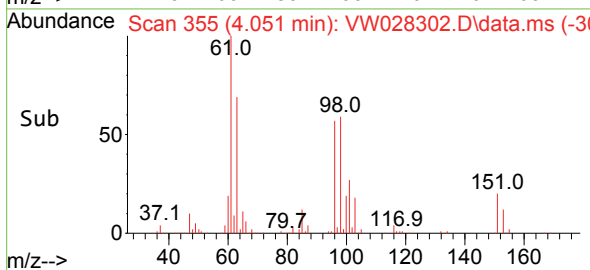
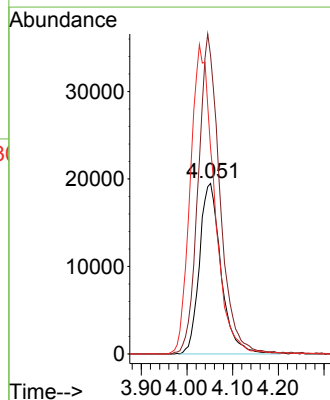
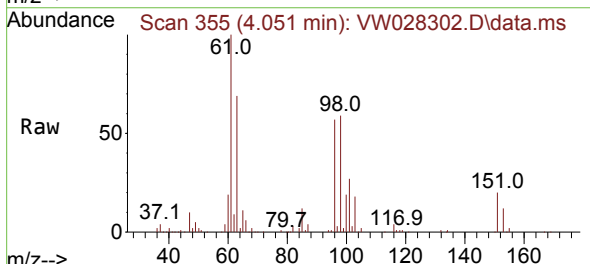
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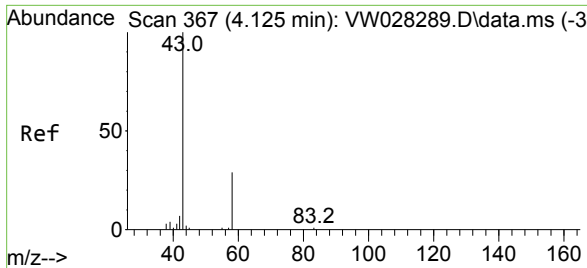
Tgt Ion:	101	Resp:	70006
Ion	Ratio	Lower	Upper
101	100		
85	43.5	36.4	54.6
151	68.7	58.4	87.6



#12
 1,1-Dichloroethene
 Concen: 21.592 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028302.D
 Acq: 03 Apr 2024 18:44

Tgt Ion:	96	Resp:	64008
Ion	Ratio	Lower	Upper
96	100		
61	174.7	132.2	245.4
63	120.2	104.6	194.2

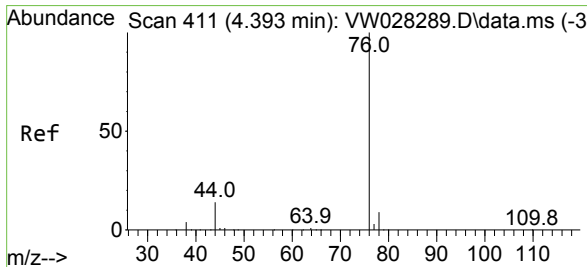
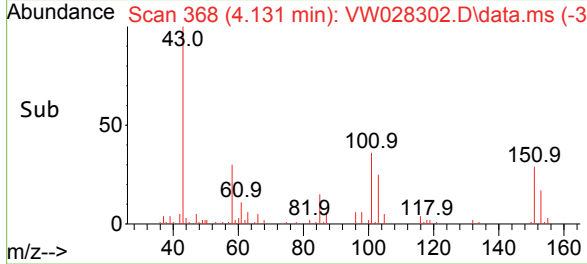
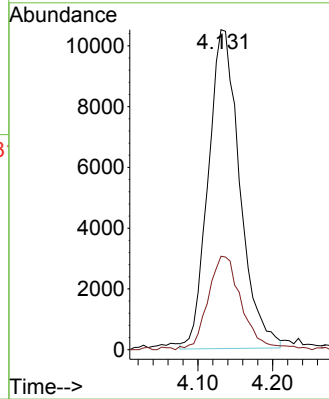
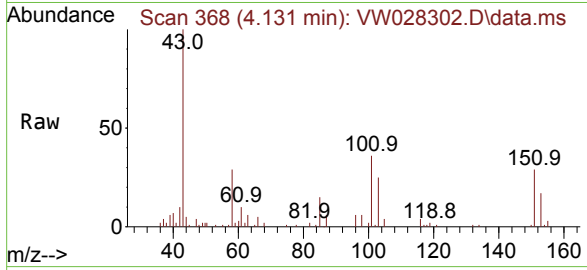




#13
Acetone
Concen: 35.100 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
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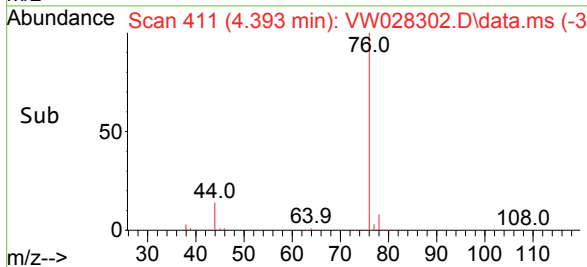
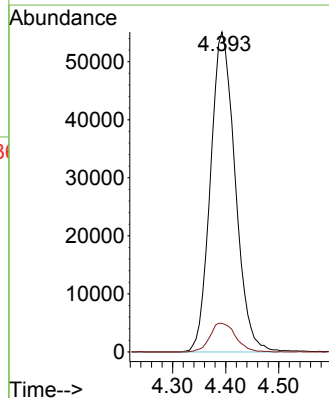
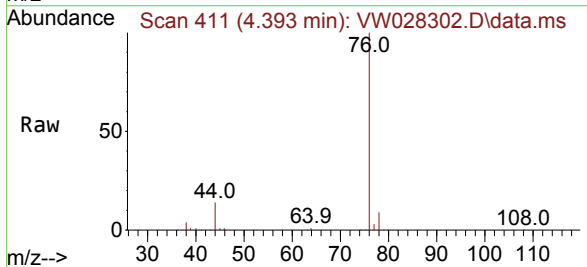
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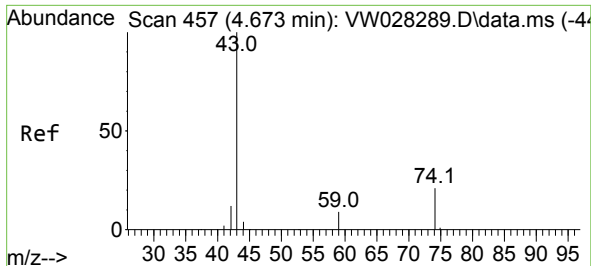
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Ion Ratio Lower Upper
43 100
58 31.1 0.0 57.8



#14
Carbon disulfide
Concen: 19.274 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 76 Resp: 178201
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

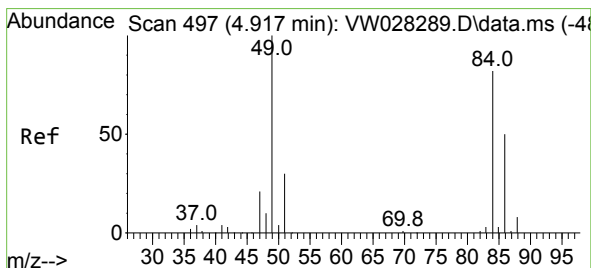
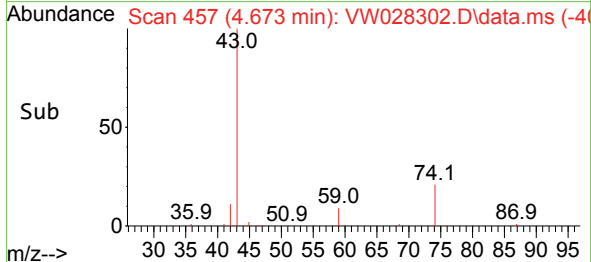
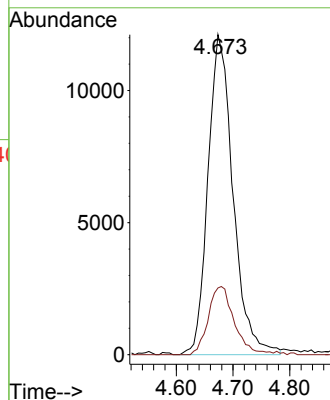
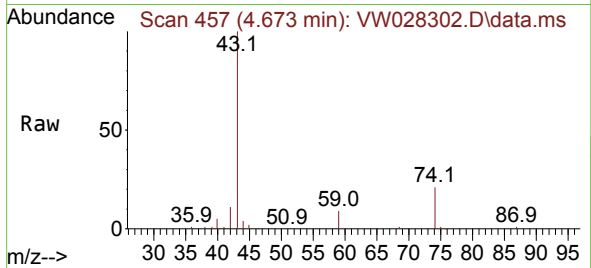




#15
Methyl Acetate
Concen: 27.444 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

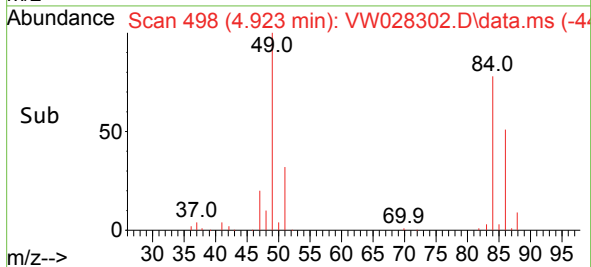
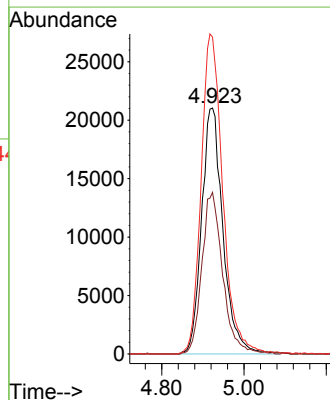
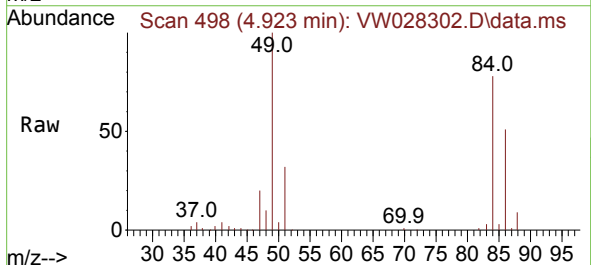
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

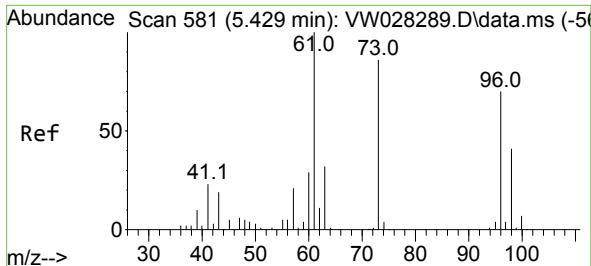
Tgt Ion: 43 Resp: 37183
Ion Ratio Lower Upper
43 100
74 22.0 18.2 27.2



#16
Methylene chloride
Concen: 21.748 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 84 Resp: 75984
Ion Ratio Lower Upper
84 100
86 65.7 43.1 80.1
49 128.9 89.4 166.0

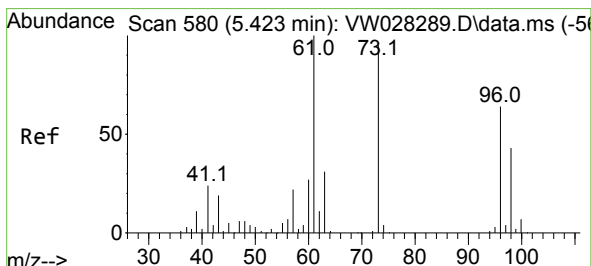
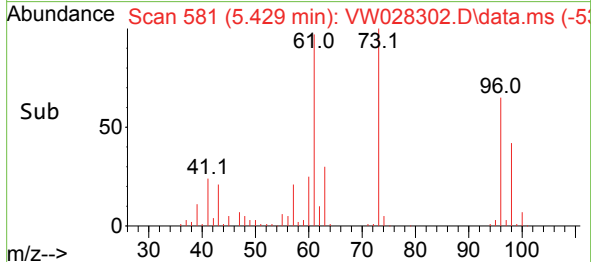
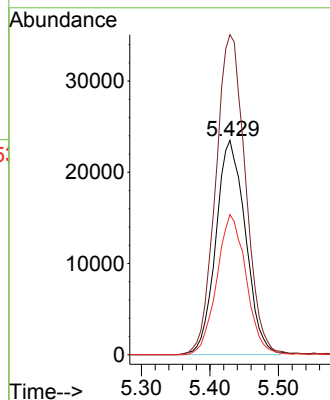
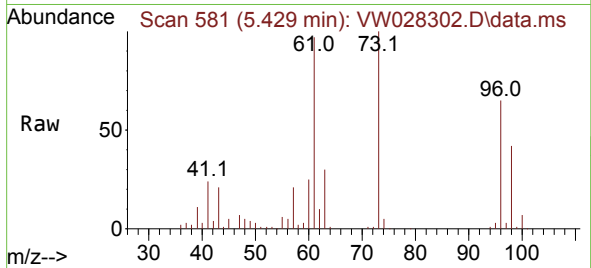




#17
trans-1,2-Dichloroethene
Concen: 22.378 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

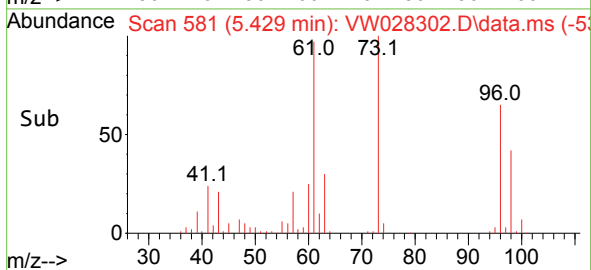
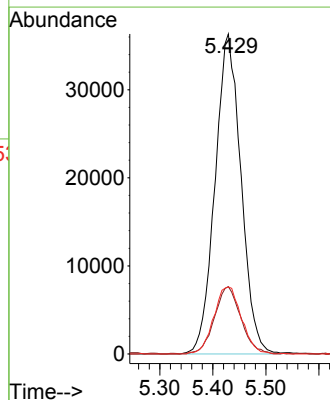
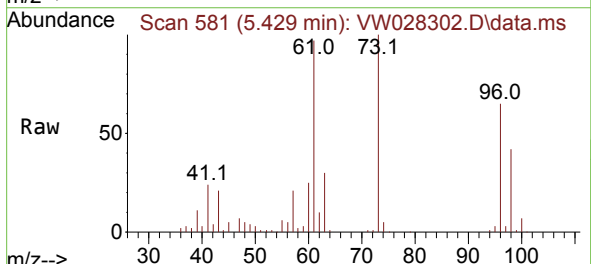
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

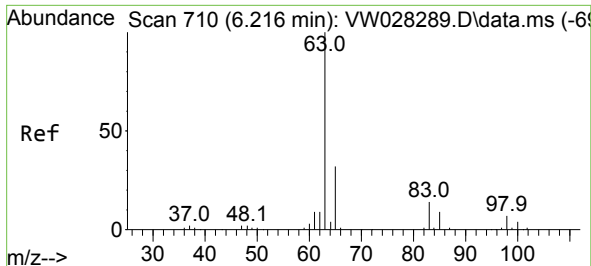
Tgt Ion: 96 Resp: 70499
Ion Ratio Lower Upper
96 100
61 149.4 98.4 182.8
98 65.4 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 25.948 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 73 Resp: 123332
Ion Ratio Lower Upper
73 100
43 21.5 18.2 27.4
57 22.2 17.4 26.2





#19

1,1-Dichloroethane

Concen: 24.661 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

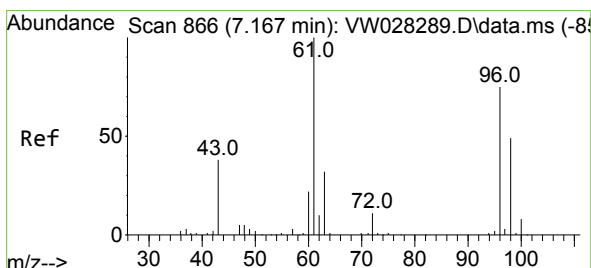
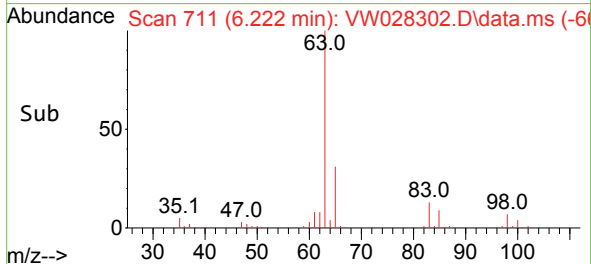
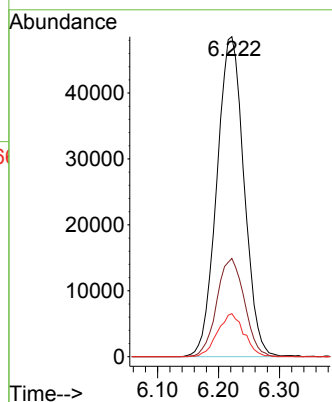
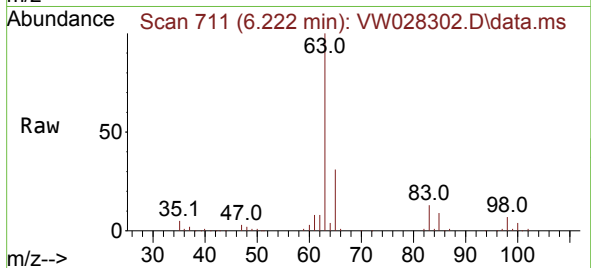
Tgt Ion: 63 Resp: 150405

Ion Ratio Lower Upper

63 100

65 30.7 22.1 41.1

83 13.5 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.836 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

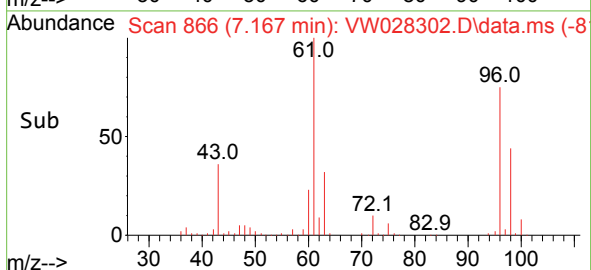
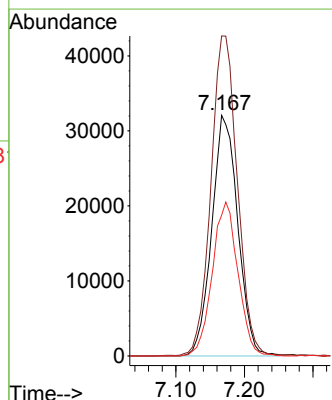
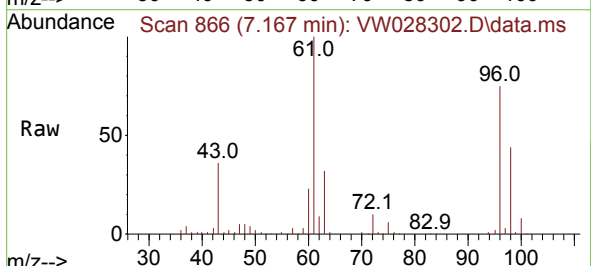
Tgt Ion: 96 Resp: 84500

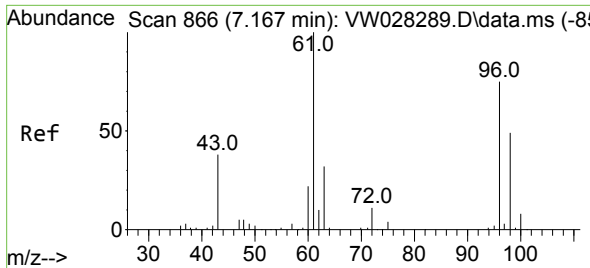
Ion Ratio Lower Upper

96 100

61 132.9 95.7 177.7

98 58.5 43.9 81.5

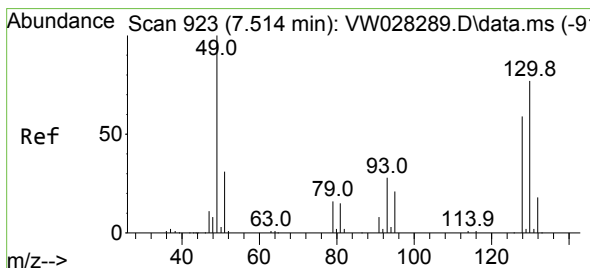
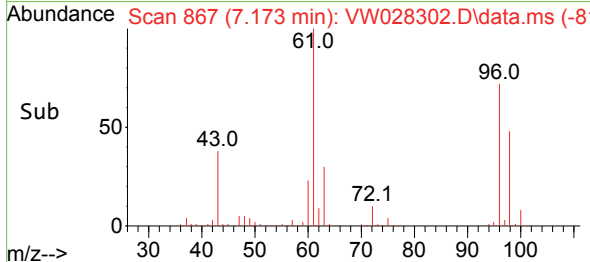
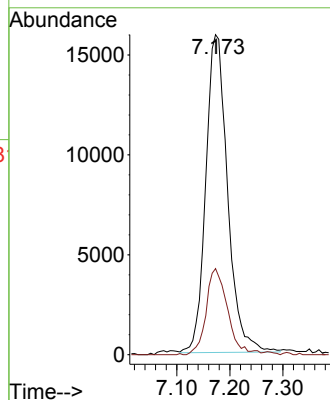
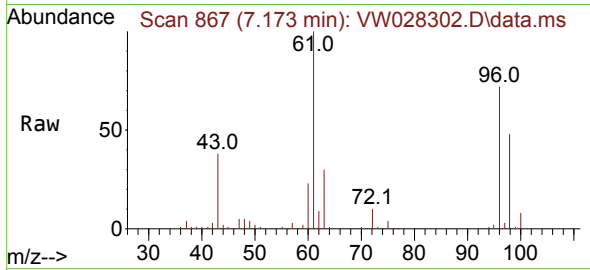




#22
2-Butanone
Concen: 45.579 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

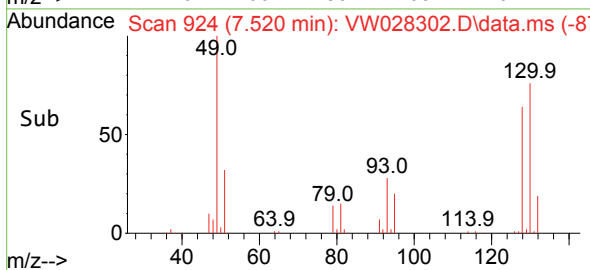
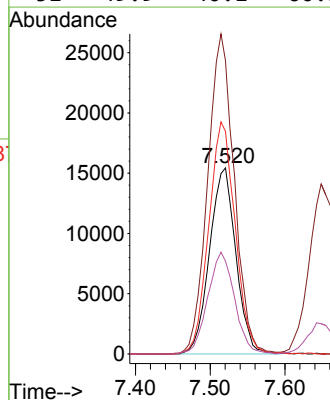
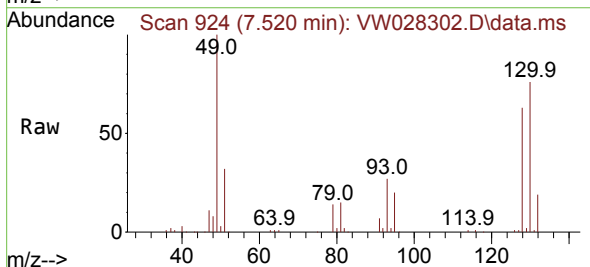
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

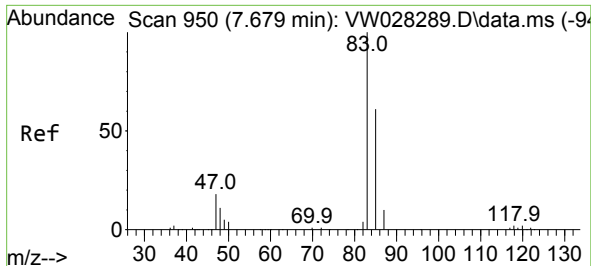
Tgt Ion: 43 Resp: 45518
Ion Ratio Lower Upper
43 100
72 26.0 12.8 38.4



#23
Bromochloromethane
Concen: 25.147 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 128 Resp: 37826
Ion Ratio Lower Upper
128 100
49 157.7 116.6 216.6
130 119.6 80.1 148.7
51 49.9 40.1 60.1

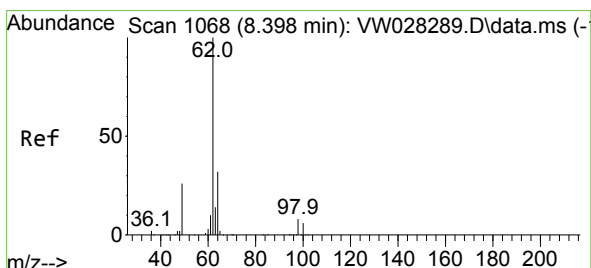
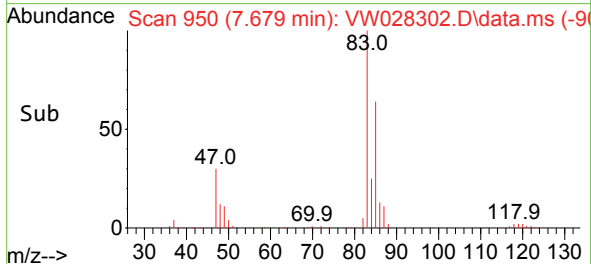
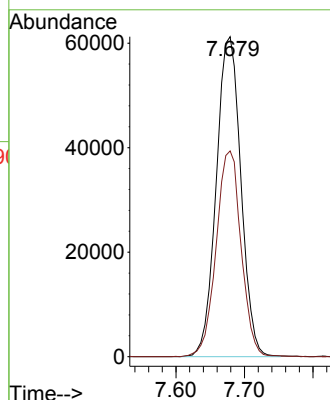
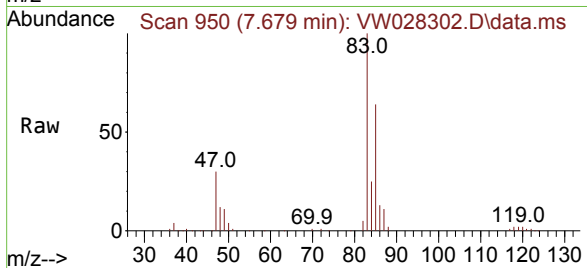




#25
Chloroform
Concen: 24.325 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

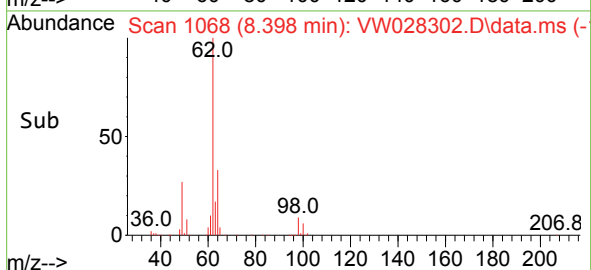
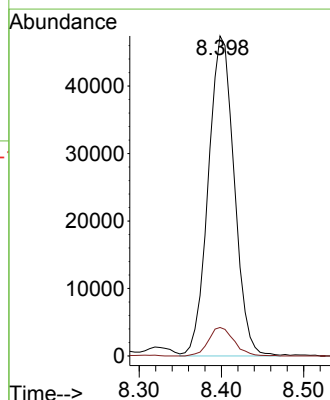
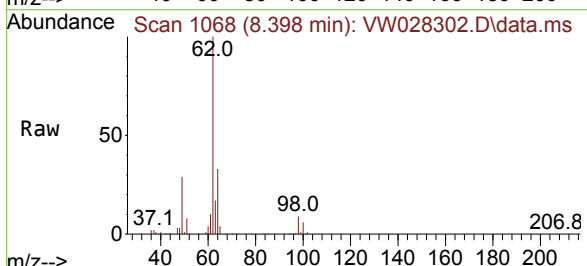
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

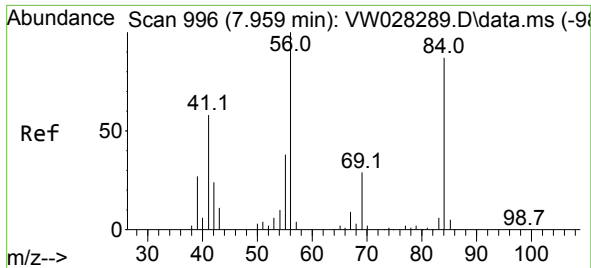
Tgt Ion: 83 Resp: 152727
Ion Ratio Lower Upper
83 100
85 64.3 44.5 82.7



#27
1,2-Dichloroethane
Concen: 23.406 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 62 Resp: 103781
Ion Ratio Lower Upper
62 100
98 8.9 5.9 8.9#

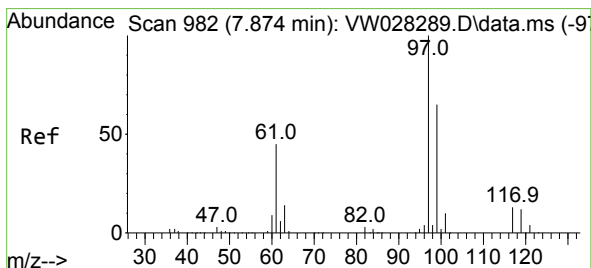
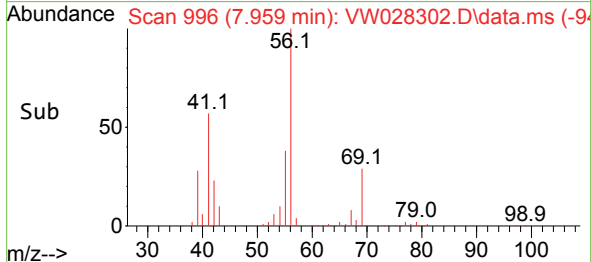
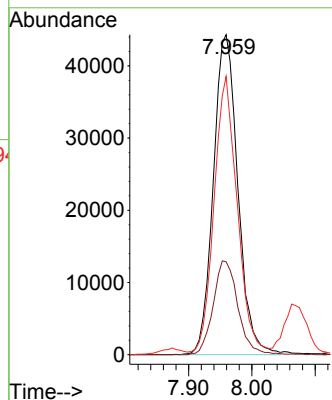
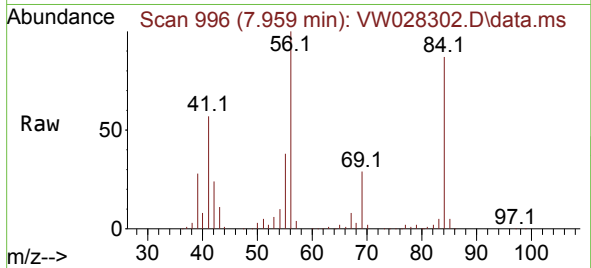




#29
Cyclohexane
Concen: 21.044 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

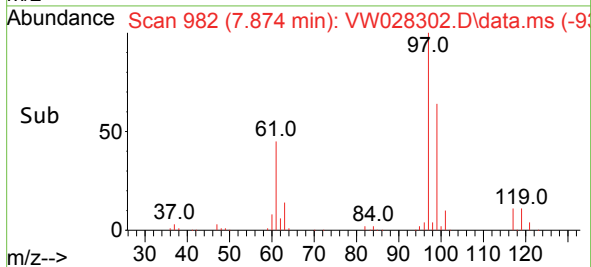
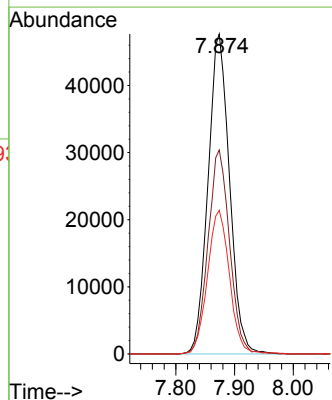
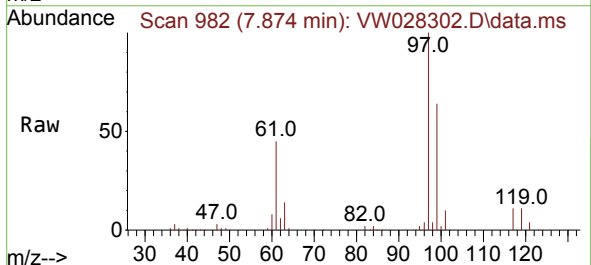
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

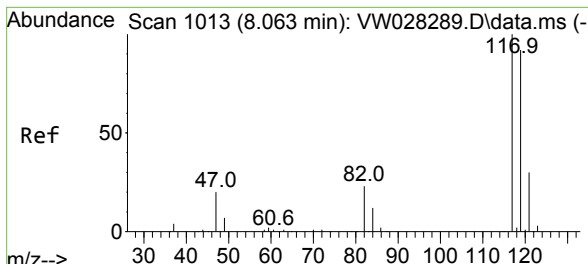
Tgt Ion: 56 Resp: 119011
Ion Ratio Lower Upper
56 100
69 29.6 24.0 36.0
84 82.6 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 21.319 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 97 Resp: 121168
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 45.9 37.0 55.6

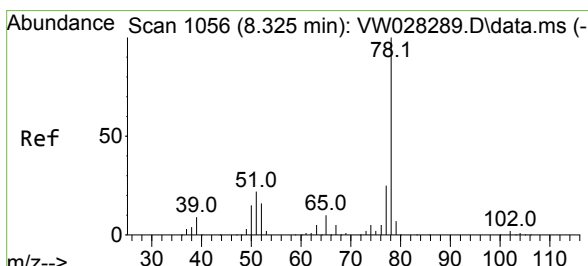
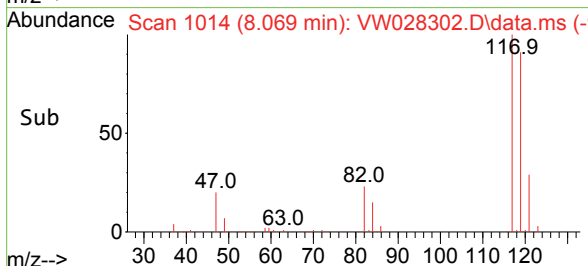
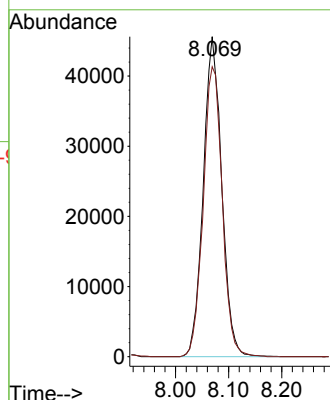
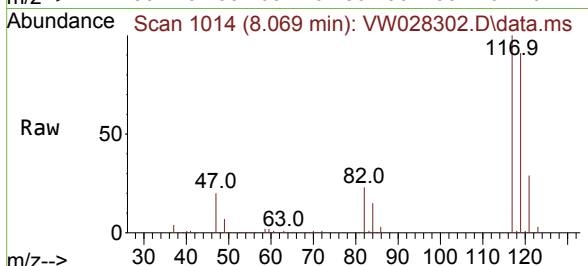




#31
Carbon tetrachloride
Concen: 20.678 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

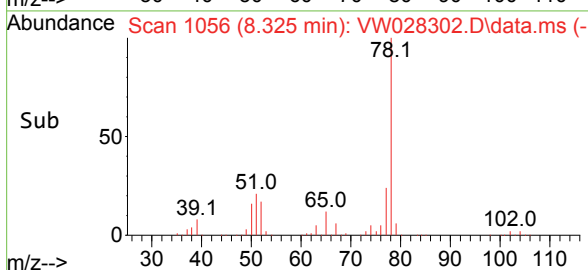
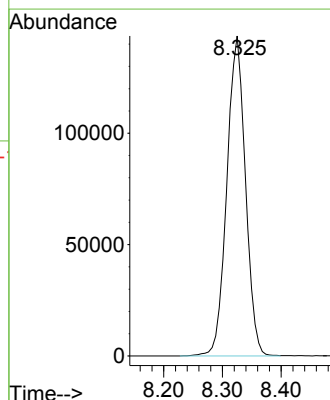
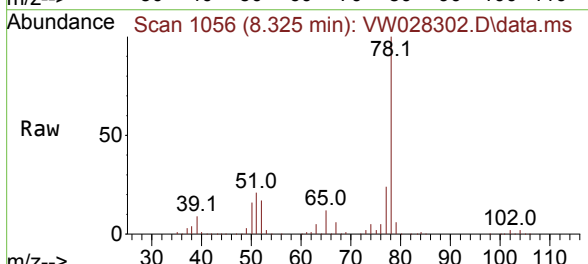
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

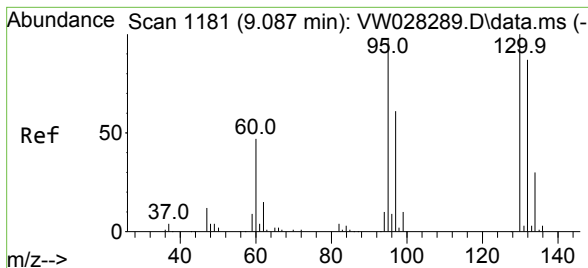
Tgt Ion:117 Resp: 110235
Ion Ratio Lower Upper
117 100
119 93.4 78.2 117.4



#33
Benzene
Concen: 23.707 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 78 Resp: 316292





#34

Trichloroethene

Concen: 22.184 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

Tgt Ion: 95 Resp: 82576

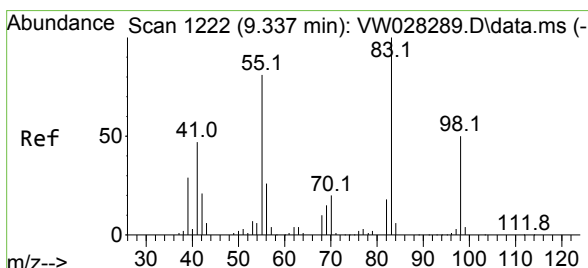
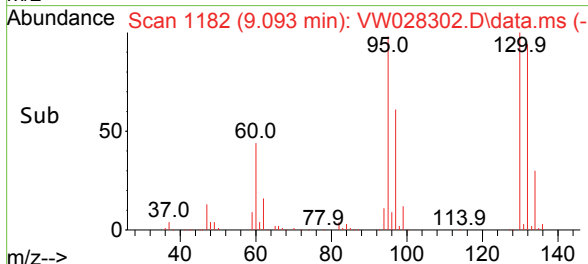
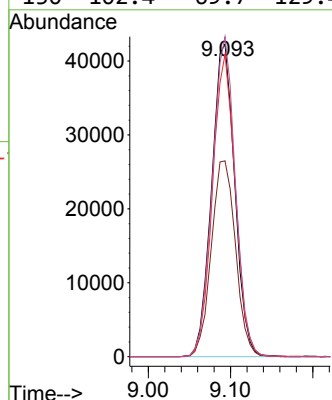
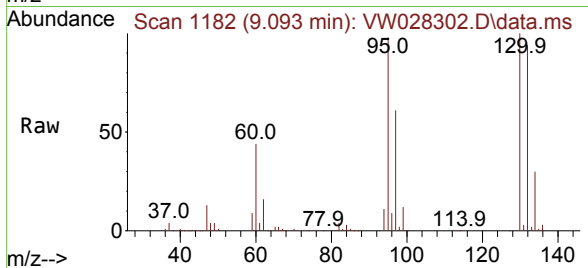
Ion Ratio Lower Upper

95 100

97 62.7 42.4 78.6

132 96.7 69.4 128.8

130 102.4 69.7 129.4



#35

Methylcyclohexane

Concen: 20.518 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

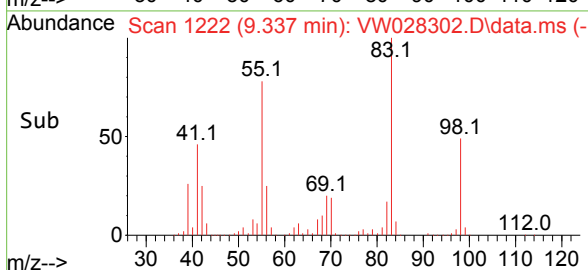
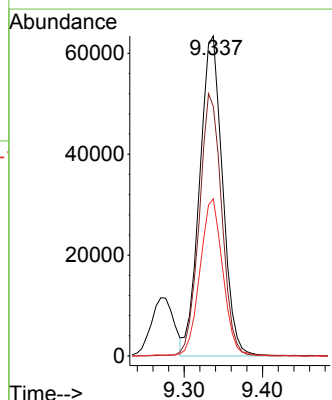
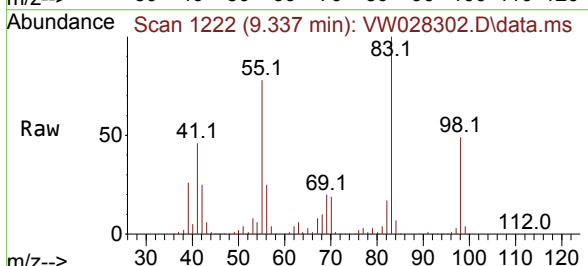
Tgt Ion: 83 Resp: 129092

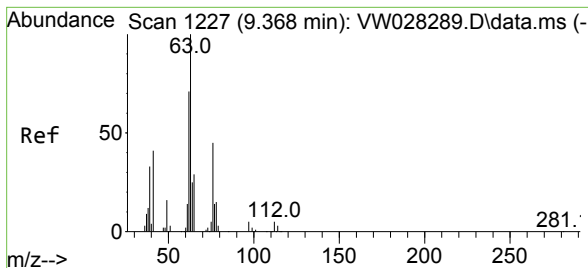
Ion Ratio Lower Upper

83 100

55 80.3 64.2 96.4

98 48.6 38.3 57.5

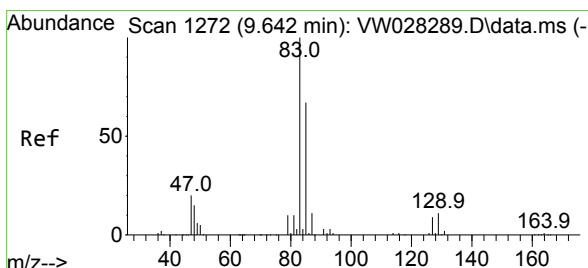
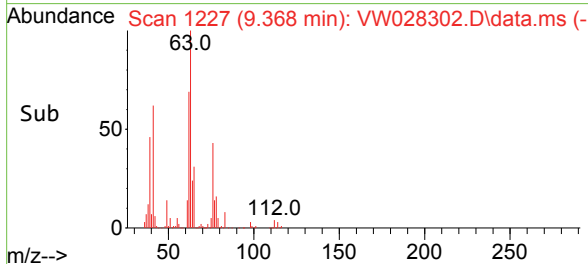
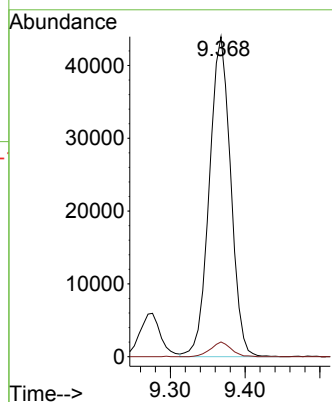
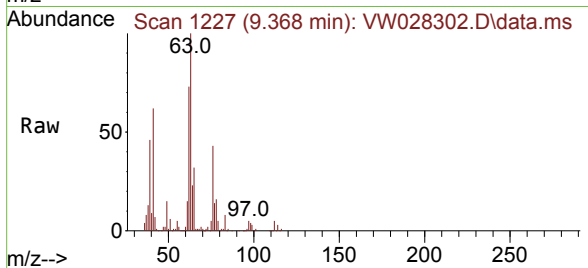




#37
1,2-Dichloropropane
Concen: 25.574 ug/L
RT: 9.368 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

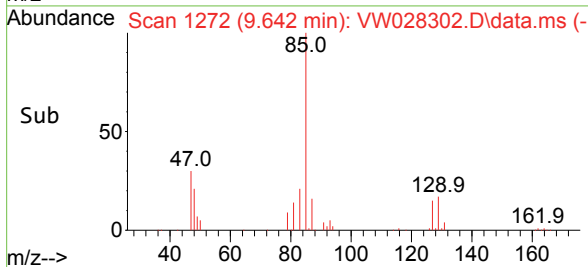
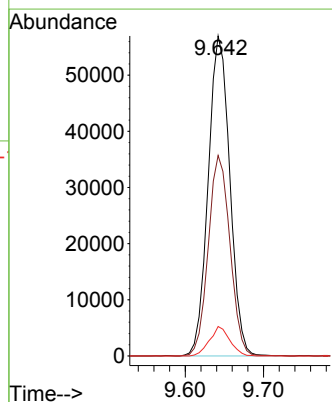
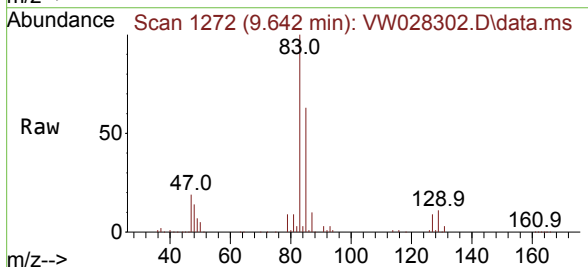
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

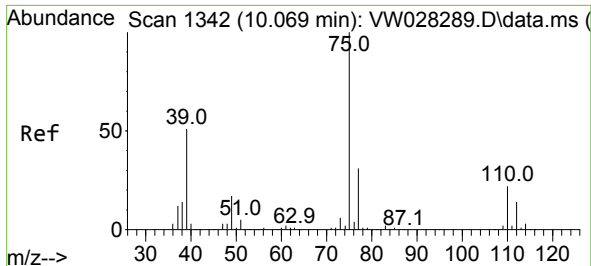
Tgt Ion: 63 Resp: 87273
Ion Ratio Lower Upper
63 100
112 4.4 3.8 5.8



#38
Bromodichloromethane
Concen: 23.774 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 83 Resp: 109385
Ion Ratio Lower Upper
83 100
85 62.6 45.8 85.2
127 9.2 6.5 9.7

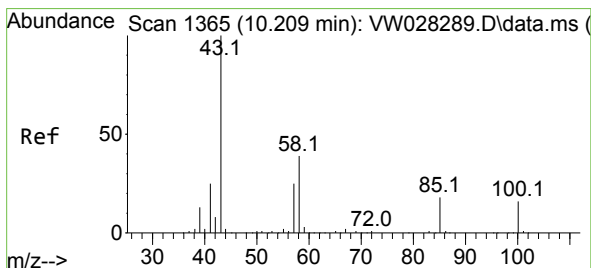
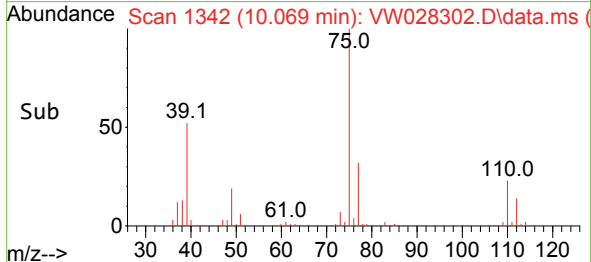
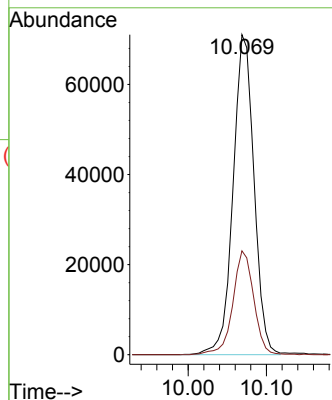
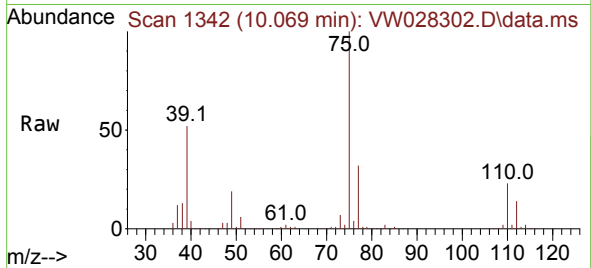




#39
cis-1,3-Dichloropropene
Concen: 24.070 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

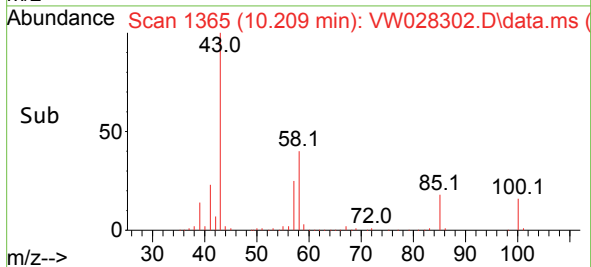
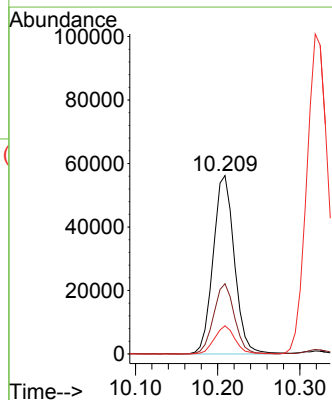
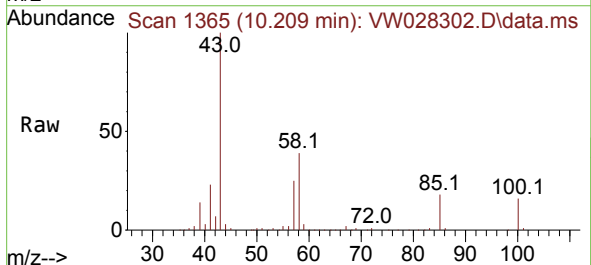
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

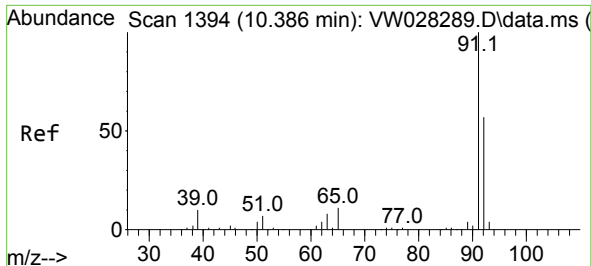
Tgt Ion: 75 Resp: 131546
Ion Ratio Lower Upper
75 100
77 32.5 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 53.658 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 43 Resp: 101075
Ion Ratio Lower Upper
43 100
58 38.7 30.1 45.1
100 15.3 11.8 17.8





#42

Toluene

Concen: 23.270 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

Instrument :

MSVOA_W

ClientSampleId :

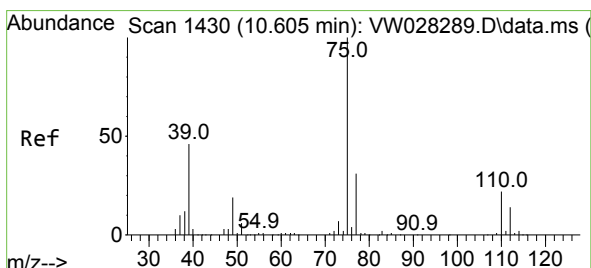
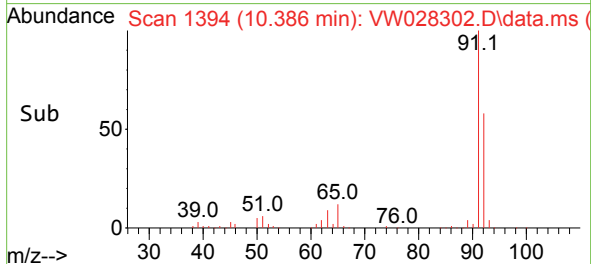
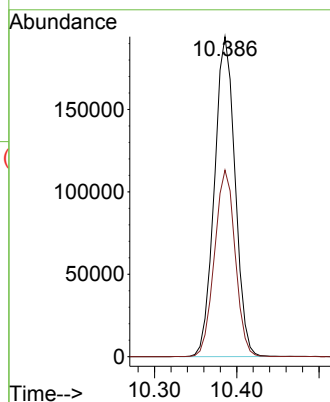
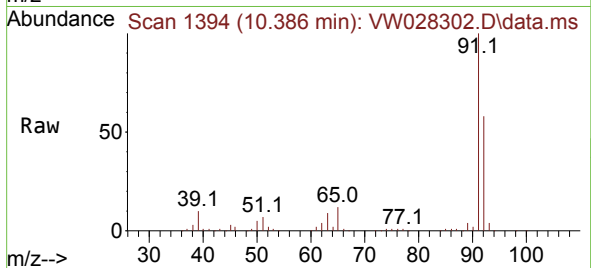
VSTD025536

Tgt Ion: 91 Resp: 338833

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 24.224 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028302.D

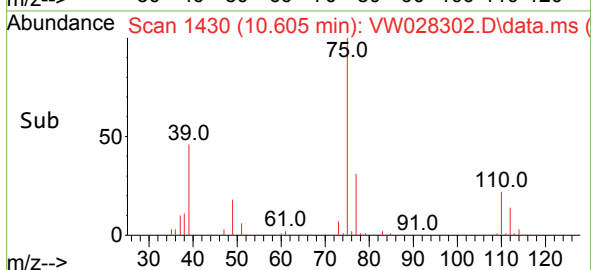
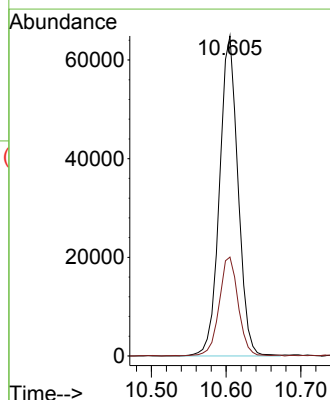
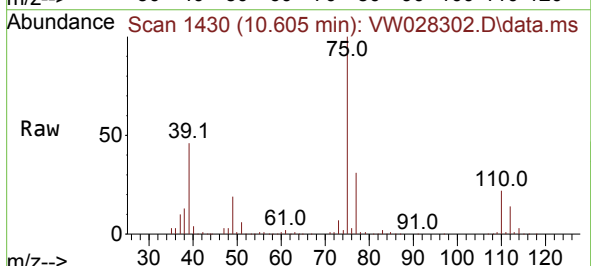
Acq: 03 Apr 2024 18:44

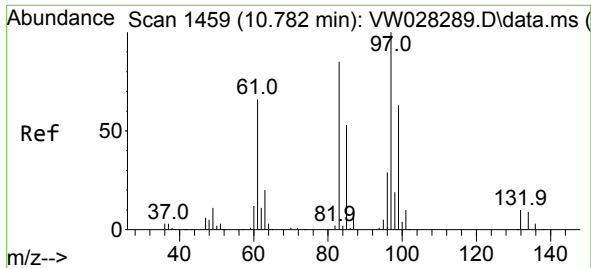
Tgt Ion: 75 Resp: 111771

Ion Ratio Lower Upper

75 100

77 30.9 23.0 42.6

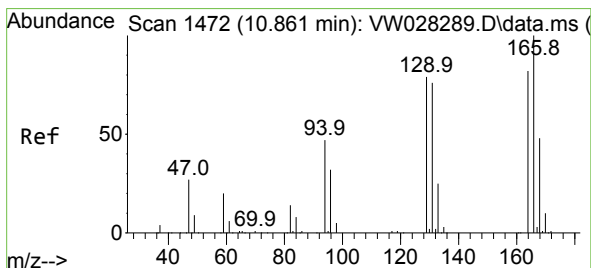
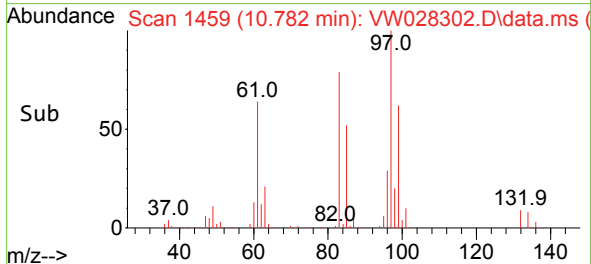
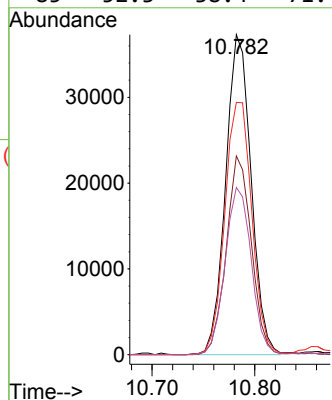
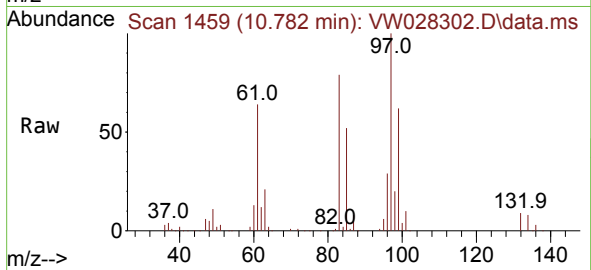




#45
1,1,2-Trichloroethane
Concen: 26.050 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

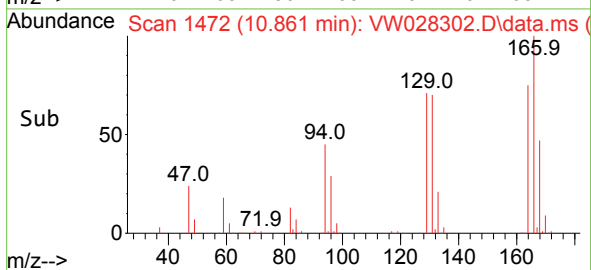
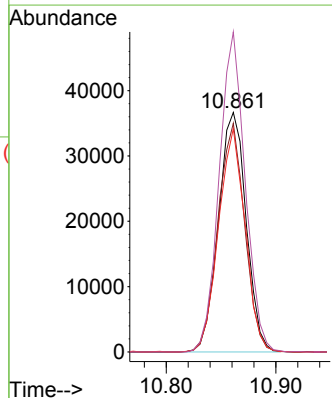
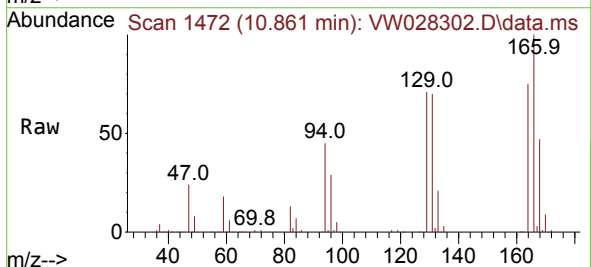
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

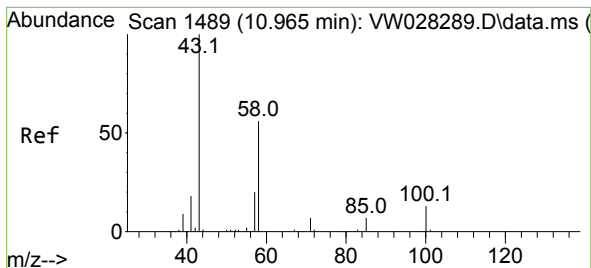
Tgt Ion: 97	Resp: 64228
Ion Ratio	Lower Upper
97 100	
99 62.1	43.4 80.6
83 78.9	59.4 110.4
85 52.3	38.4 71.4



#46
Tetrachloroethene
Concen: 21.461 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt	Ion:164	Resp:	64394
Ion	Ratio	Lower	Upper
164	100		
129	95.4	64.0	119.0
131	93.2	62.6	116.3
166	133.6	84.7	157.3





#48

2-Hexanone

Concen: 47.143 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

Tgt Ion: 43 Resp: 69562

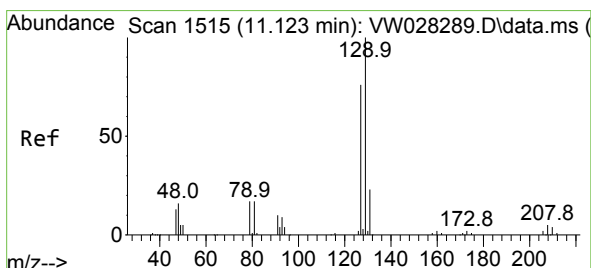
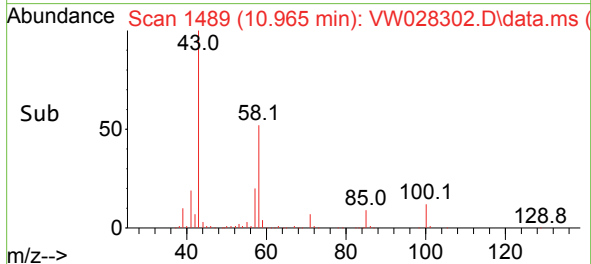
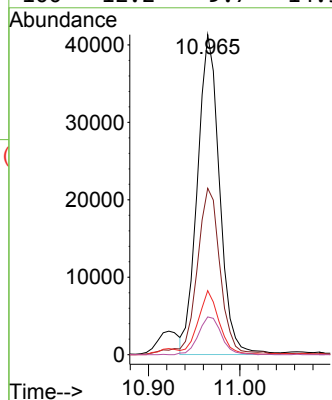
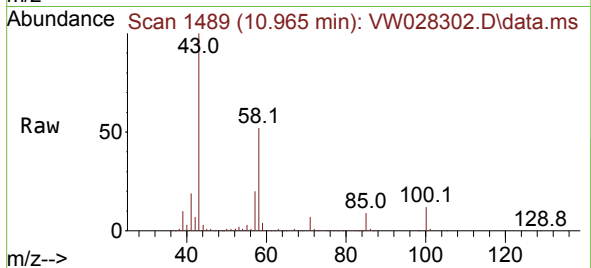
Ion Ratio Lower Upper

43 100

58 54.5 40.6 61.0

57 19.0 15.7 23.5

100 12.2 9.7 14.5



#49

Dibromochloromethane

Concen: 24.694 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028302.D

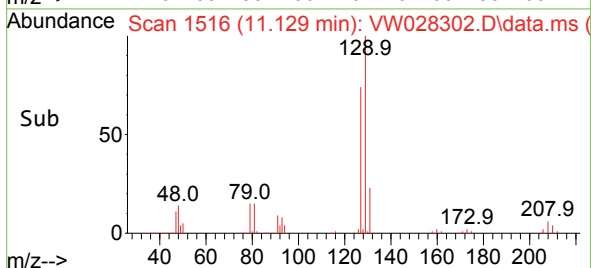
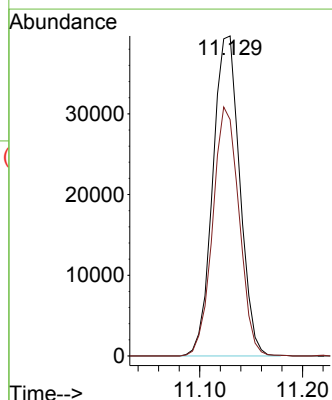
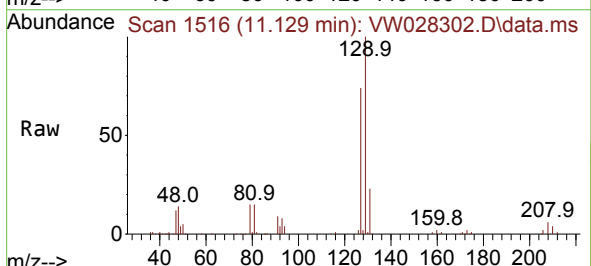
Acq: 03 Apr 2024 18:44

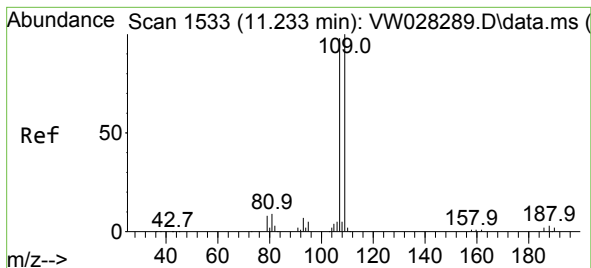
Tgt Ion:129 Resp: 72108

Ion Ratio Lower Upper

129 100

127 73.8 53.1 98.7

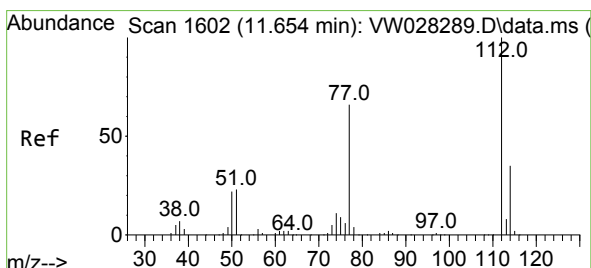
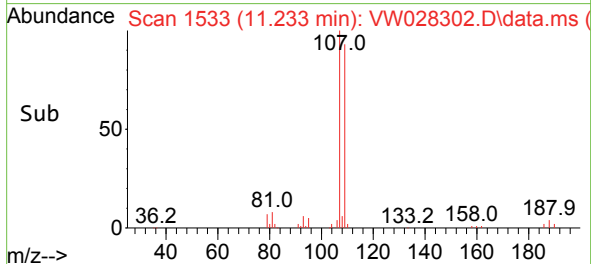
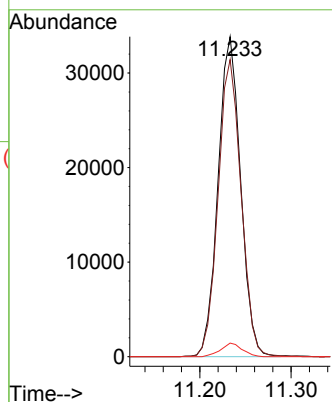
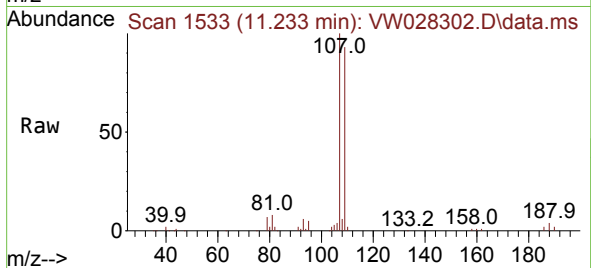




#50
1,2-Dibromoethane
Concen: 24.642 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

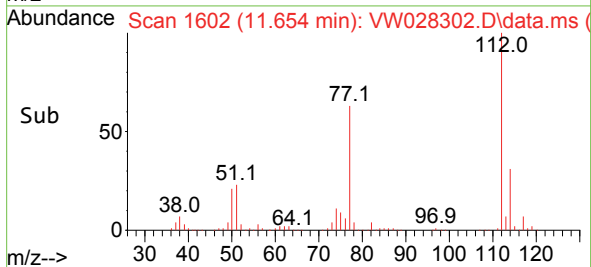
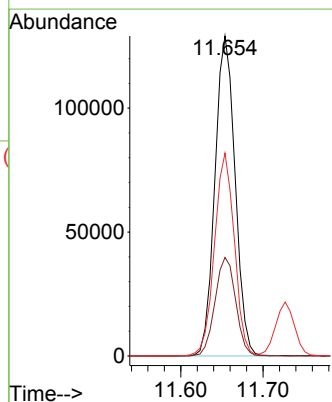
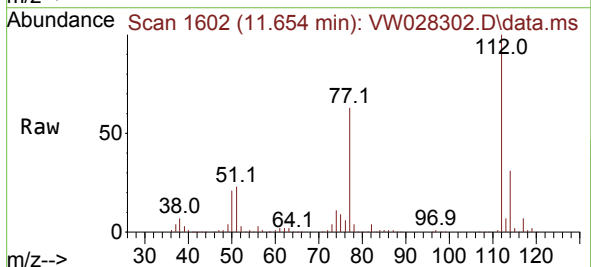
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

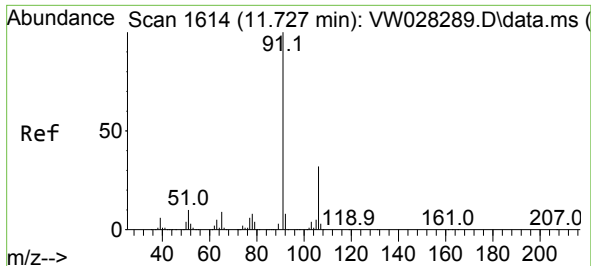
Tgt Ion:107 Resp: 58095
Ion Ratio Lower Upper
107 100
109 92.8 64.4 119.6
188 4.2 3.4 5.2



#51
Chlorobenzene
Concen: 23.799 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion:112 Resp: 219958
Ion Ratio Lower Upper
112 100
114 30.8 21.8 40.6
77 63.4 50.6 76.0

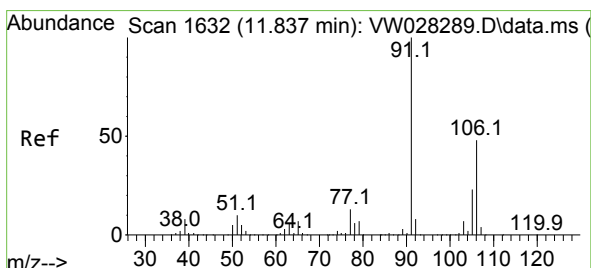
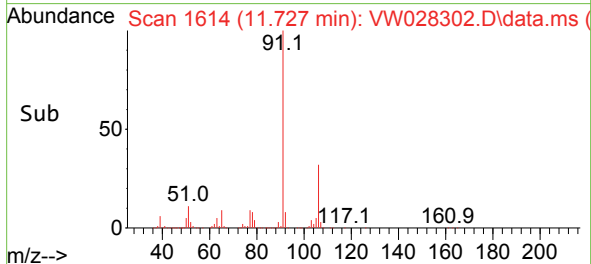
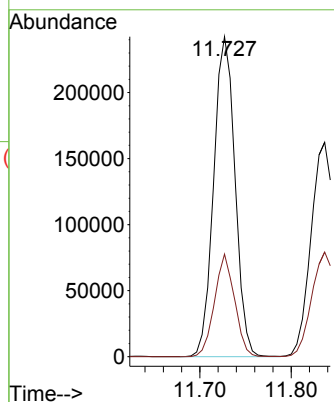
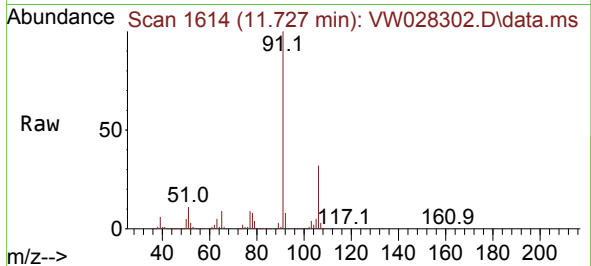




#52
Ethylbenzene
Concen: 23.122 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

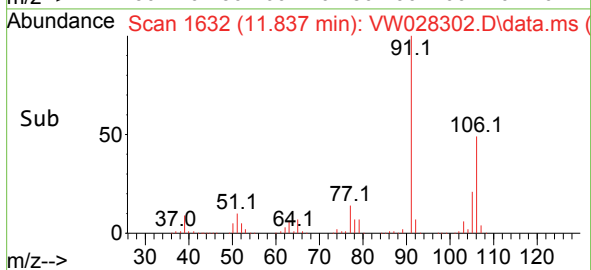
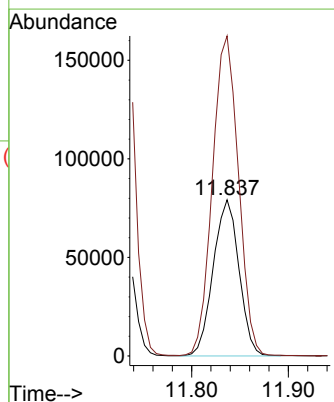
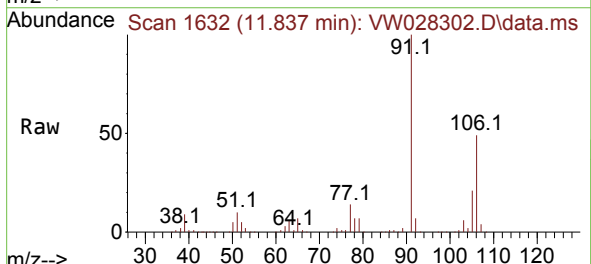
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

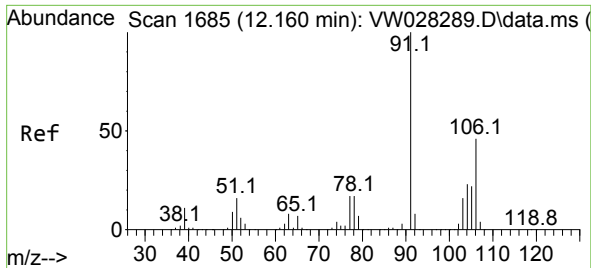
Tgt Ion: 91 Resp: 393034
Ion Ratio Lower Upper
91 100
106 32.1 21.3 39.5



#53
m,p-Xylene
Concen: 22.941 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 106 Resp: 146745
Ion Ratio Lower Upper
106 100
91 204.9 147.1 273.1

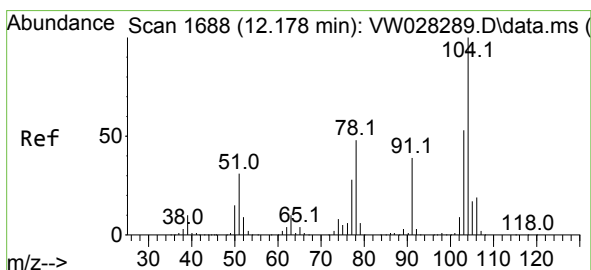
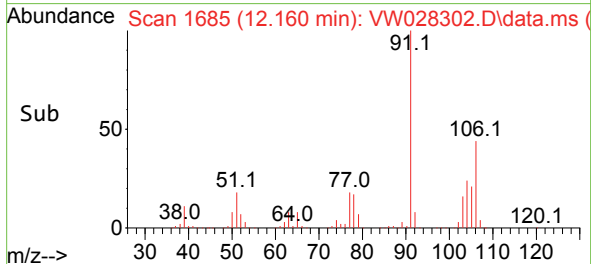
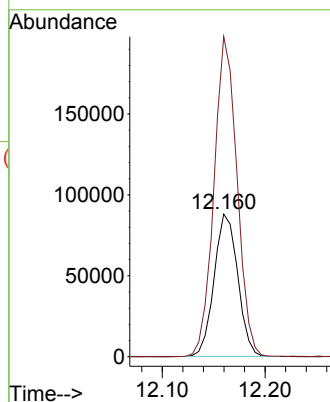
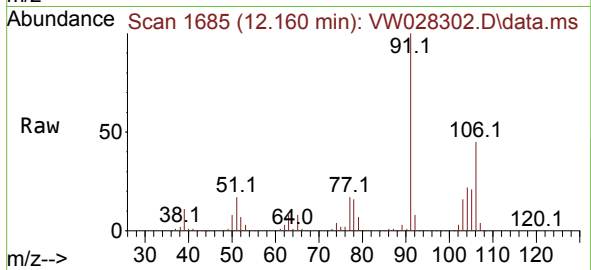




#54
o-Xylene
Concen: 23.712 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

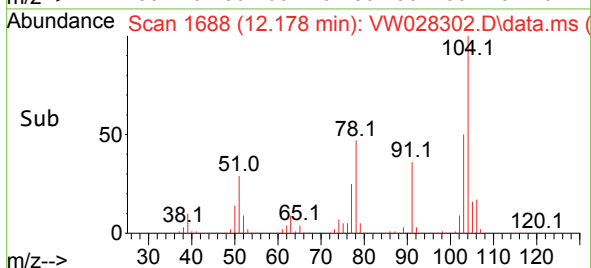
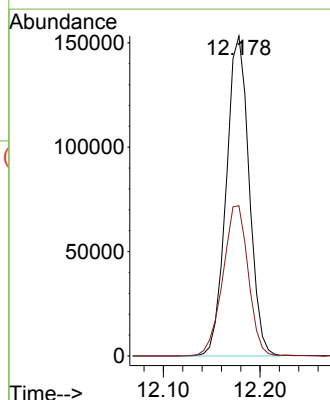
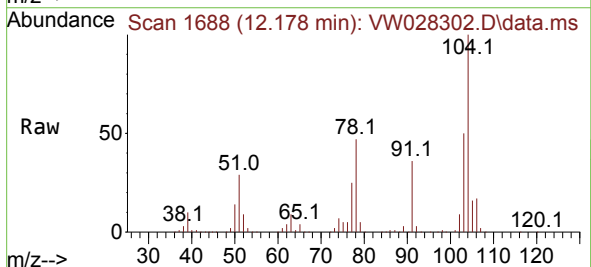
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

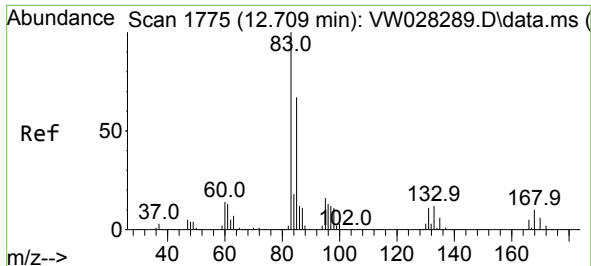
Tgt Ion:106 Resp: 140654
Ion Ratio Lower Upper
106 100
91 224.5 149.2 277.2



#55
Styrene
Concen: 24.712 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion:104 Resp: 251784
Ion Ratio Lower Upper
104 100
78 47.0 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 26.667 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

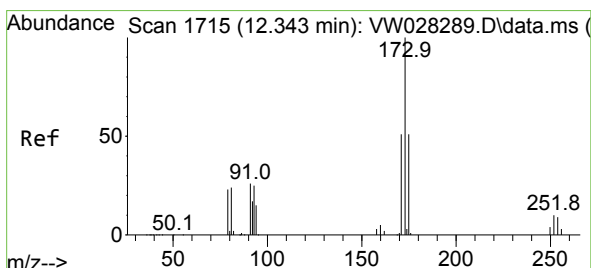
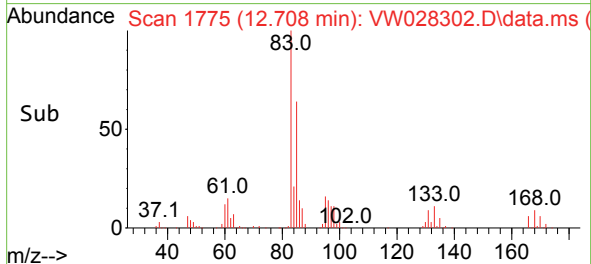
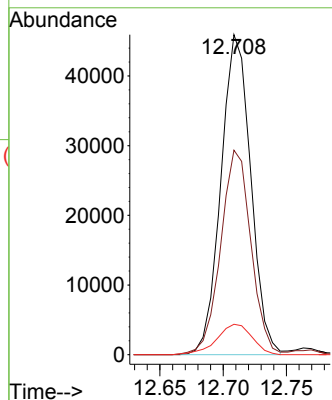
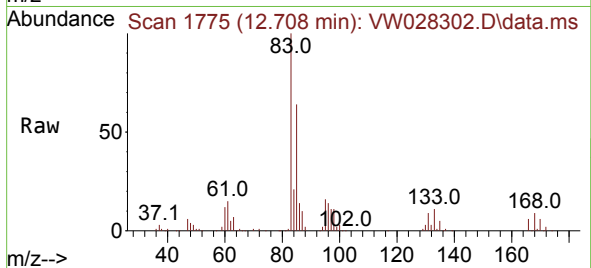
Tgt Ion: 83 Resp: 75205

Ion Ratio Lower Upper

83 100

85 63.9 47.0 87.2

131 9.5 8.9 13.3



#59

Bromoform

Concen: 24.489 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

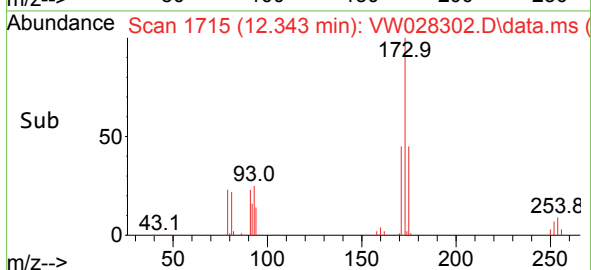
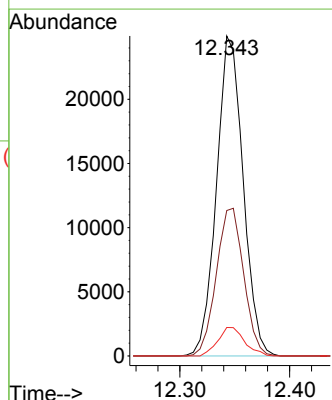
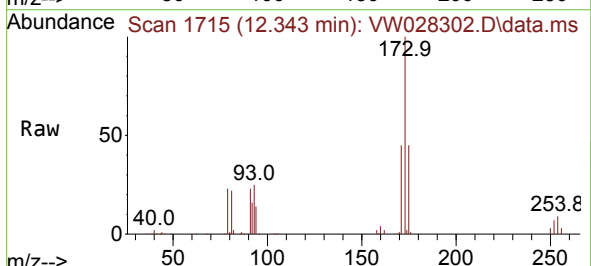
Tgt Ion: 173 Resp: 42097

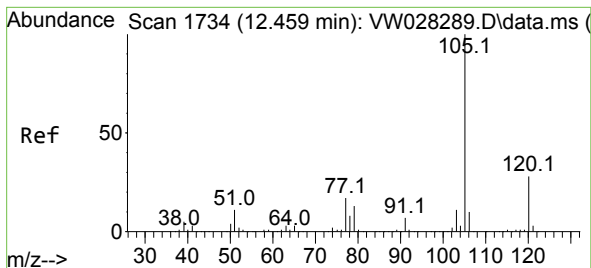
Ion Ratio Lower Upper

173 100

175 47.5 39.8 59.6

254 8.9 8.5 12.7

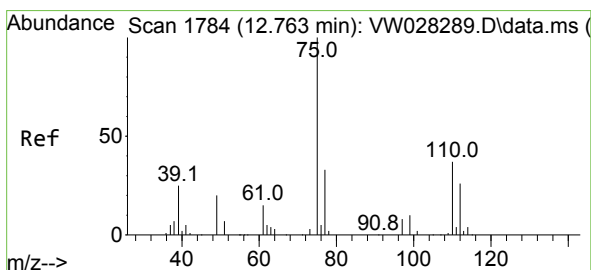
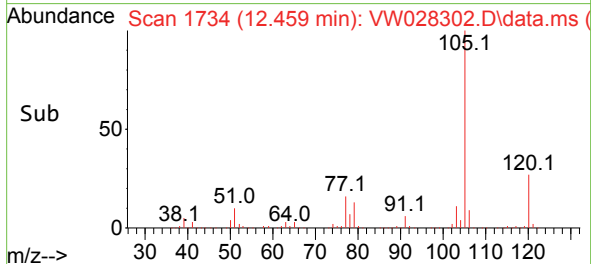
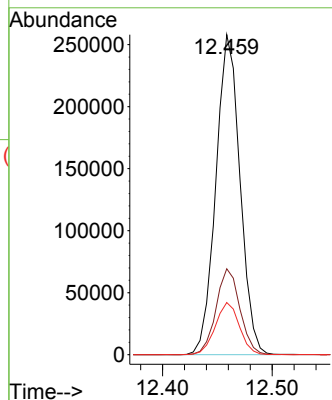
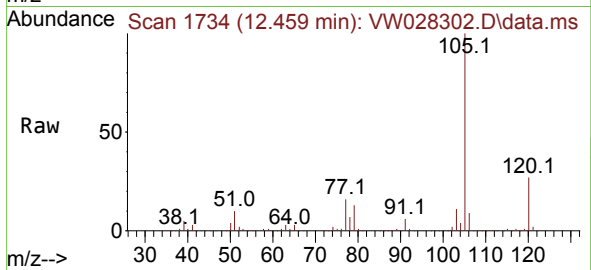




#60
Isopropylbenzene
Concen: 23.161 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

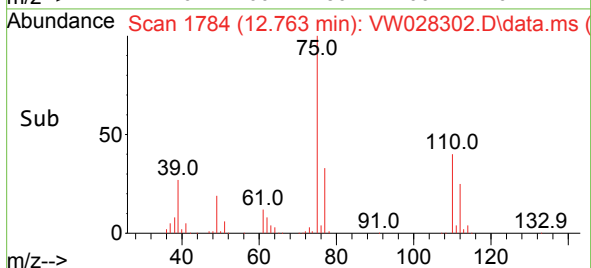
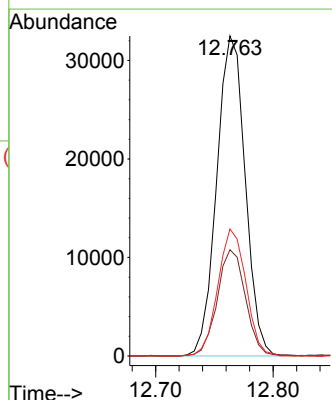
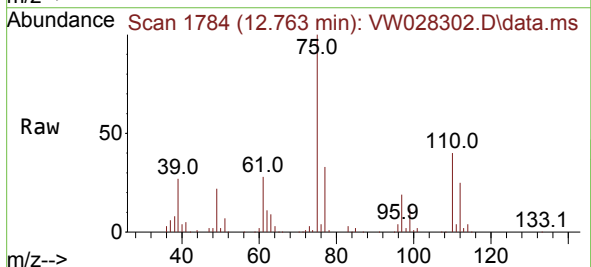
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

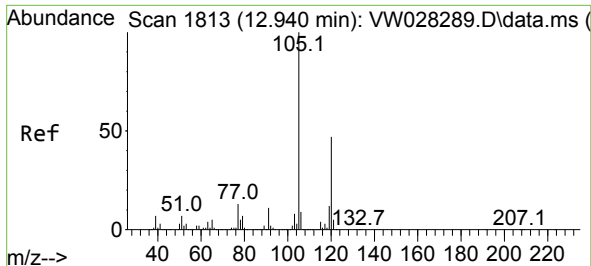
Tgt Ion:105 Resp: 394769
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 16.3 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 25.012 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion: 75 Resp: 54761
Ion Ratio Lower Upper
75 100
77 32.9 26.0 39.0
110 39.1 32.2 48.2

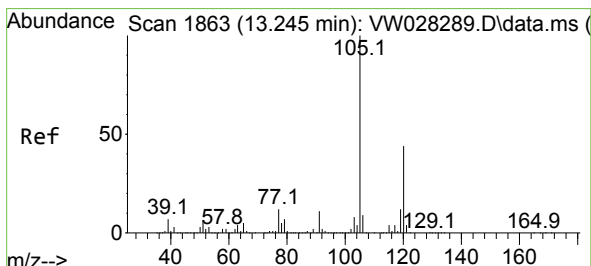
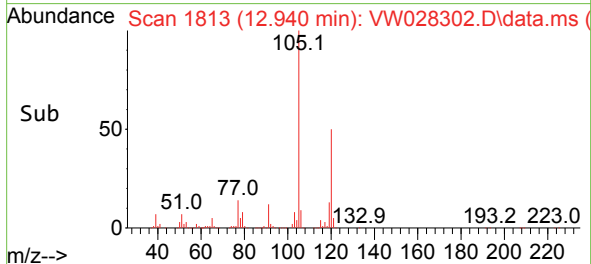
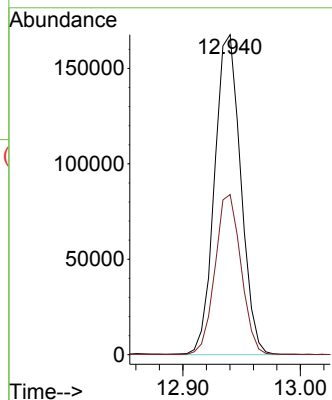
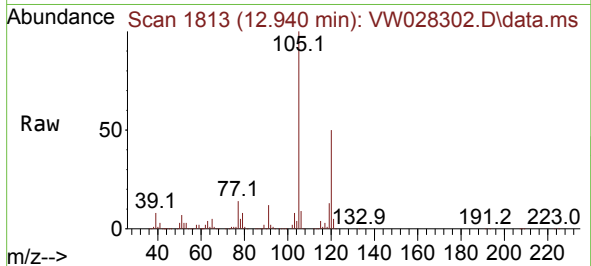




#62
1,3,5-Trimethylbenzene
Concen: 22.712 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

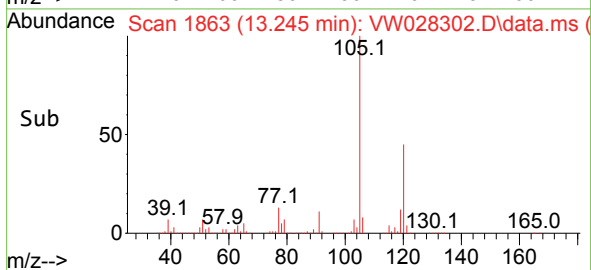
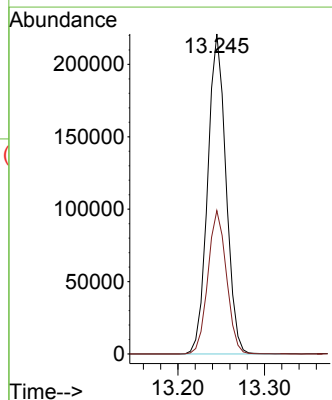
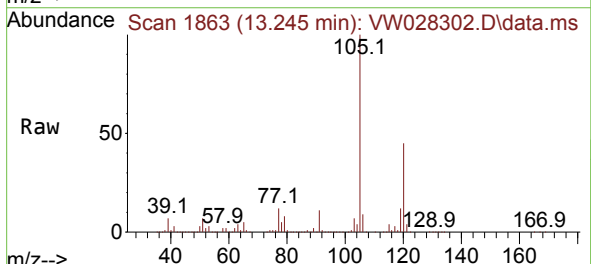
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

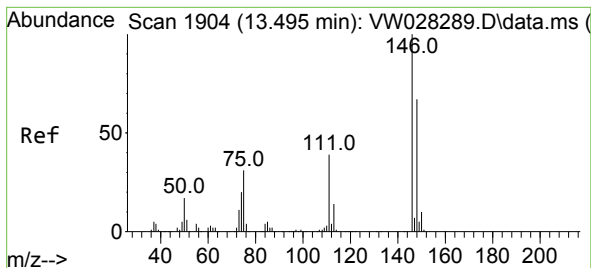
Tgt Ion:105 Resp: 259740
Ion Ratio Lower Upper
105 100
120 49.8 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 23.479 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028302.D
Acq: 03 Apr 2024 18:44

Tgt Ion:105 Resp: 324221
Ion Ratio Lower Upper
105 100
120 45.3 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 22.558 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

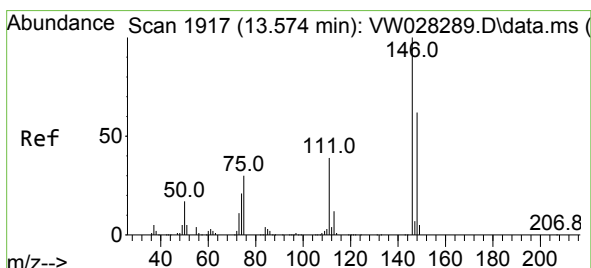
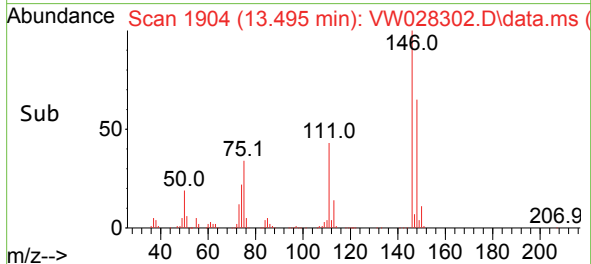
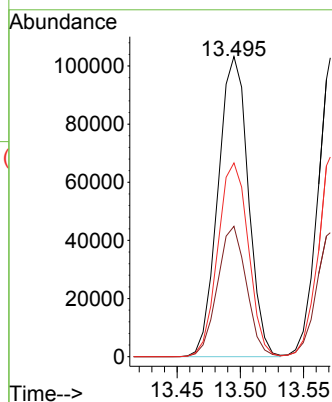
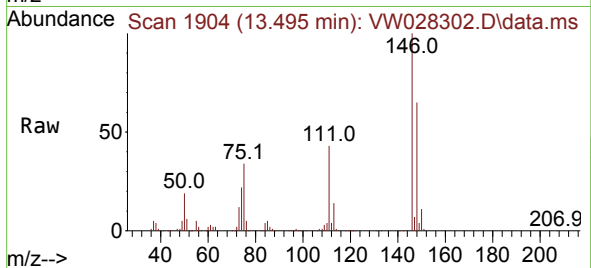
Tgt Ion:146 Resp: 171533

Ion Ratio Lower Upper

146 100

111 43.4 28.5 52.9

148 64.6 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 23.091 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

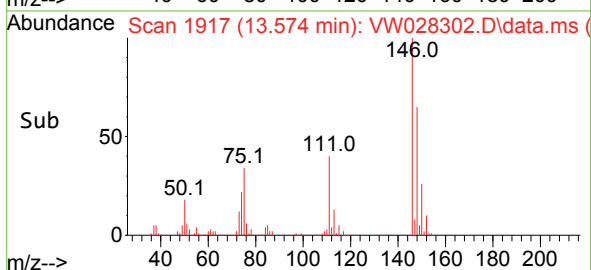
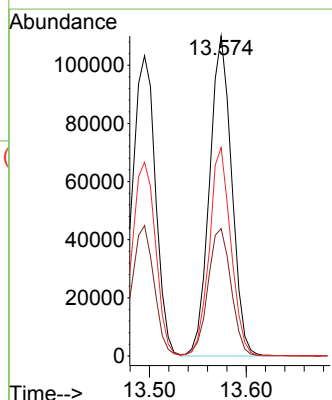
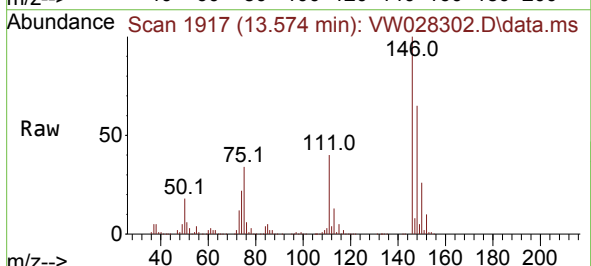
Tgt Ion:146 Resp: 175572

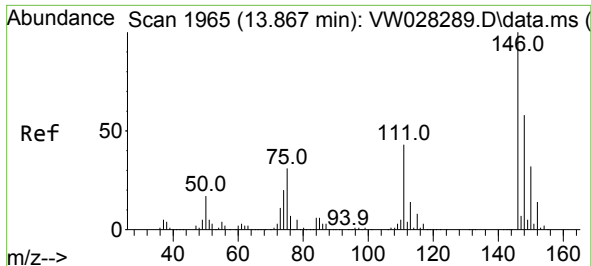
Ion Ratio Lower Upper

146 100

111 39.8 28.8 53.6

148 65.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 24.568 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

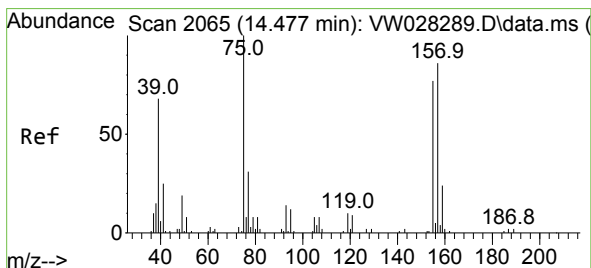
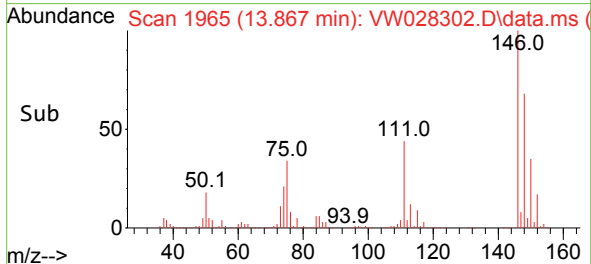
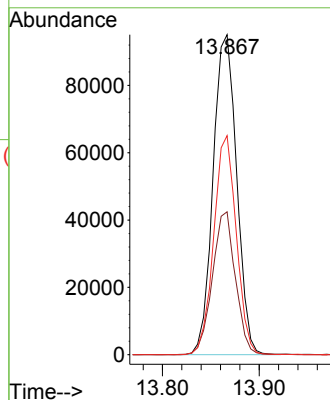
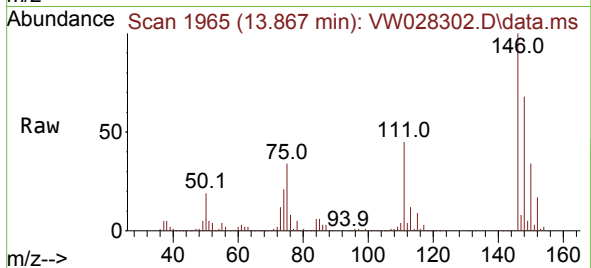
Tgt Ion:146 Resp: 160880

Ion Ratio Lower Upper

146 100

111 44.7 34.2 51.2

148 68.4 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 22.899 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

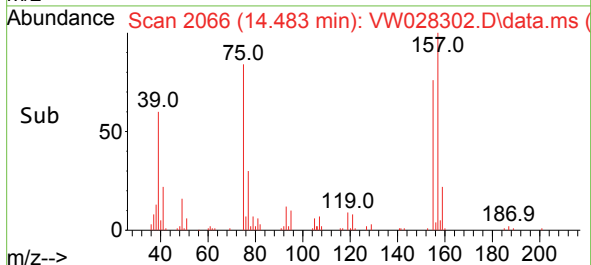
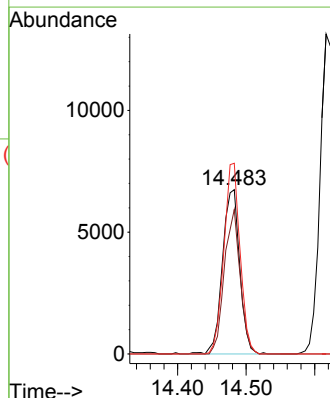
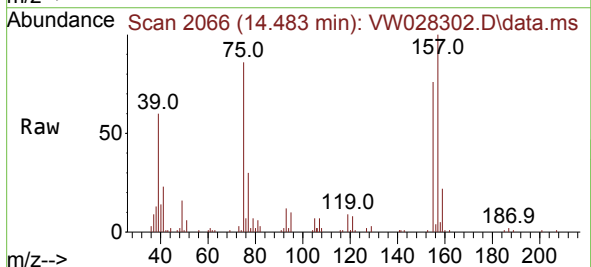
Tgt Ion: 75 Resp: 11777

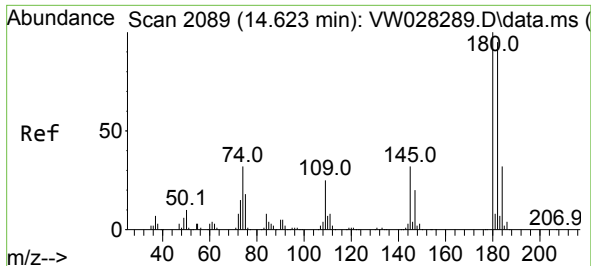
Ion Ratio Lower Upper

75 100

155 87.9 61.1 91.7

157 116.1 74.2 111.4#

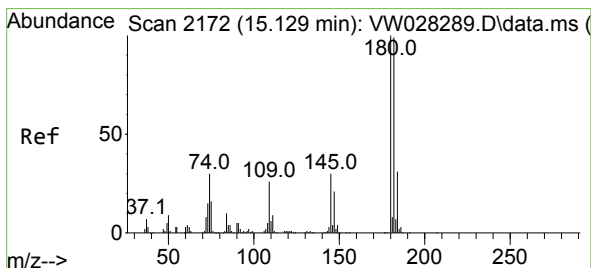
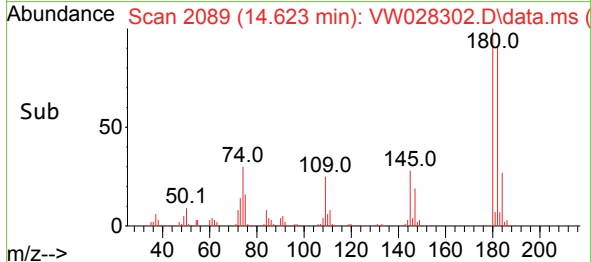
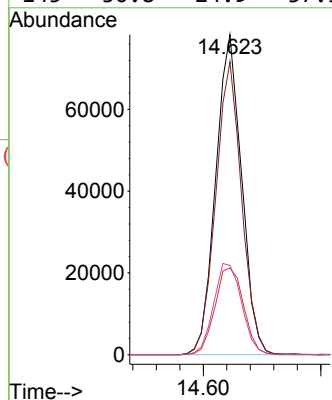
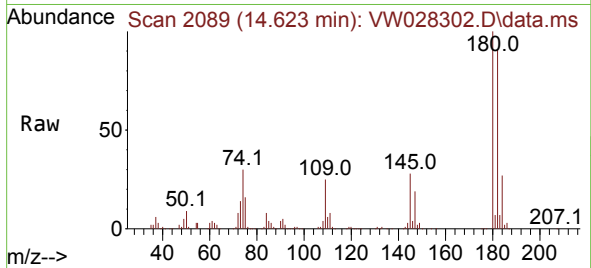




#69
 1,3,5-Trichlorobenzene
 Concen: 22.597 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW028302.D
 Acq: 03 Apr 2024 18:44

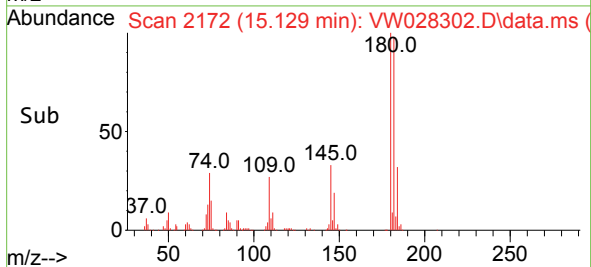
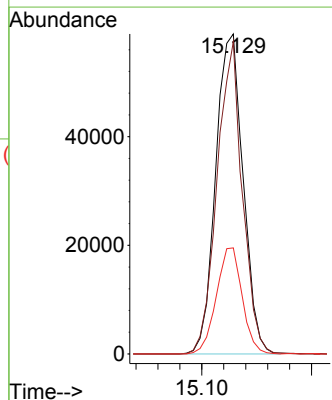
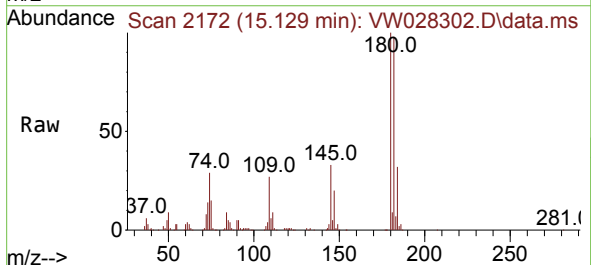
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

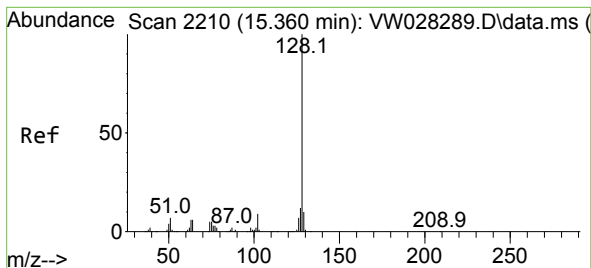
Tgt Ion:180 Resp: 119688
 Ion Ratio Lower Upper
 180 100
 182 91.5 76.6 114.8
 184 30.0 23.5 35.3
 145 30.8 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 22.749 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW028302.D
 Acq: 03 Apr 2024 18:44

Tgt Ion:180 Resp: 102365
 Ion Ratio Lower Upper
 180 100
 182 90.0 73.8 110.8
 145 31.3 25.0 37.6





#71

Naphthalene

Concen: 26.103 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

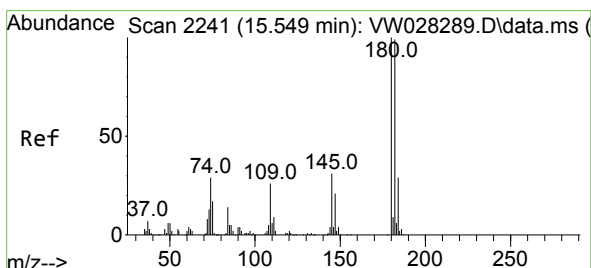
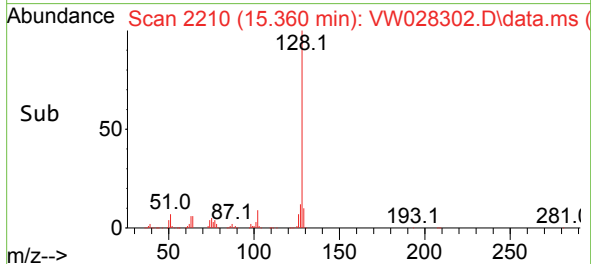
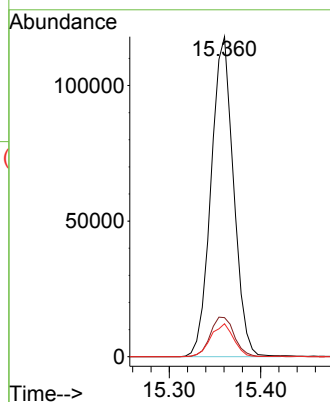
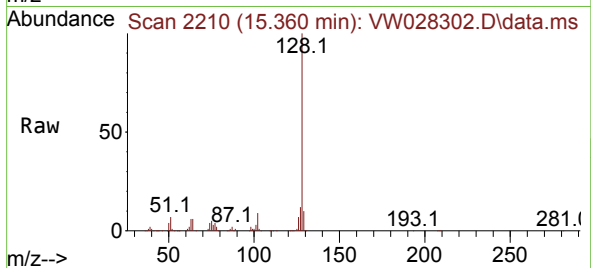
Tgt Ion:128 Resp: 201597

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

129 10.5 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.265 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028302.D

Acq: 03 Apr 2024 18:44

Tgt Ion:180 Resp: 90011

Ion Ratio Lower Upper

180 100

182 95.6 76.0 114.0

145 34.8 27.1 40.7

