

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040524\
 Data File : VW028328.D
 Acq On : 05 Apr 2024 09:50
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Apr 05 23:34:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 05 00:59:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	212518	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	195109	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	104659	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	48276	19.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.640%
7) Chloroethane-d5	2.899	69	41583	23.936	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.760%
11) 1,1-Dichloroethene-d2	4.027	65	31340	19.875	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.520%
21) 2-Butanone-d5	7.081	46	49750	67.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.680%#
24) Chloroform-d	7.648	84	171980	27.444	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.760%
26) 1,2-Dichloroethane-d4	8.307	65	90529	26.214	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.840%
32) Benzene-d6	8.276	84	317905	26.687	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.760%
36) 1,2-Dichloropropane-d6	9.276	67	101036	29.473	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.880%
41) Toluene-d8	10.325	98	282302	25.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.760%
43) trans-1,3-Dichloroprop...	10.575	79	39999	25.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.760%
47) 2-Hexanone-d5	10.922	63	38659	68.225	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.440%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81917	32.349	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.400%#
66) 1,2-Dichlorobenzene-d4	13.848	152	101304	26.571	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	67517	21.901	ug/L	93
3) Chloromethane	2.222	50	53740	24.578	ug/L	99
5) Vinyl chloride	2.375	62	67304	27.230	ug/L	97
6) Bromomethane	2.795	94	39998	27.173	ug/L	99
8) Chloroethane	2.936	64	38987	29.347	ug/L	97
9) Trichlorofluoromethane	3.271	101	87398	29.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	81834	27.566	ug/L #	84
12) 1,1-Dichloroethene	4.051	96	73782	26.886	ug/L	76
13) Acetone	4.125	43	38779	47.623	ug/L	99
14) Carbon disulfide	4.393	76	205460	24.004	ug/L	100
15) Methyl Acetate	4.679	43	33282	26.535	ug/L	99
16) Methylene chloride	4.923	84	83948	25.954	ug/L	97
17) trans-1,2-Dichloroethene	5.441	96	77696	26.641	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	123071	27.970	ug/L	99
19) 1,1-Dichloroethane	6.228	63	159773	28.298	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	88074	27.962	ug/L	99
22) 2-Butanone	7.173	43	47515	51.394	ug/L	99
23) Bromochloromethane	7.514	128	37897	27.215	ug/L	88
25) Chloroform	7.679	83	162519	27.960	ug/L	99

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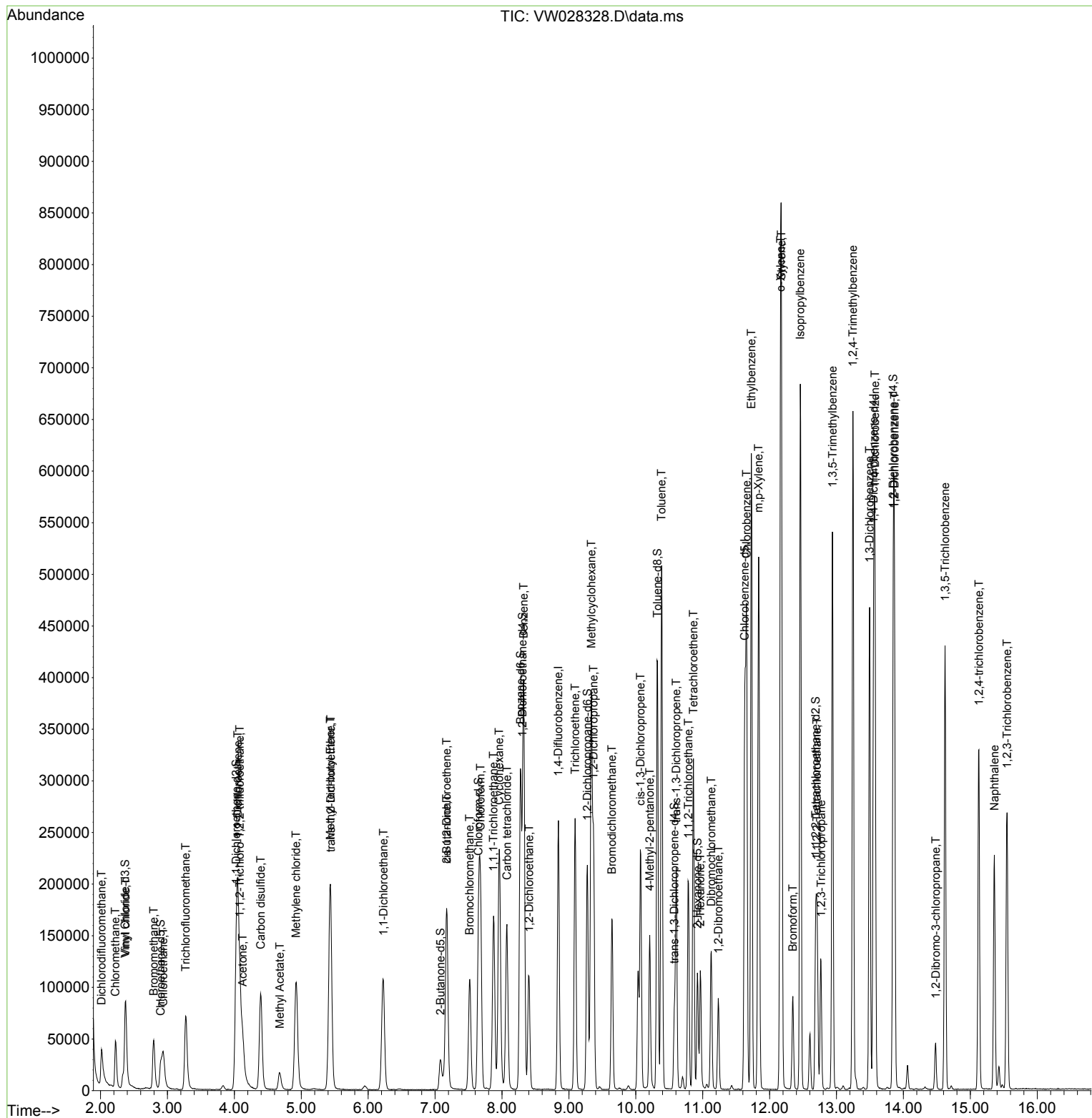
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	104526	25.464	ug/L #	95
29) Cyclohexane	7.959	56	137048	26.930	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	137120	26.810	ug/L	100
31) Carbon tetrachloride	8.075	117	123241	25.689	ug/L	97
33) Benzene	8.325	78	339483	28.276	ug/L	100
34) Trichloroethene	9.093	95	93611	27.947	ug/L	96
35) Methylcyclohexane	9.337	83	149681	26.437	ug/L	100
37) 1,2-Dichloropropane	9.367	63	89994	29.305	ug/L	100
38) Bromodichloromethane	9.642	83	113525	27.419	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	137399	27.938	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	96046	56.661	ug/L	98
42) Toluene	10.386	91	365226	27.873	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	111813	26.929	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	63424	28.585	ug/L	98
46) Tetrachloroethene	10.861	164	69483	25.734	ug/L	94
48) 2-Hexanone	10.965	43	72892	54.895	ug/L	98
49) Dibromochloromethane	11.129	129	71507	27.213	ug/L	97
50) 1,2-Dibromoethane	11.233	107	58837	27.733	ug/L	100
51) Chlorobenzene	11.654	112	234190	28.158	ug/L	97
52) Ethylbenzene	11.727	91	422687	27.633	ug/L	98
53) m,p-Xylene	11.837	106	159098	27.640	ug/L	96
54) o-Xylene	12.166	106	152162	28.506	ug/L	97
55) Styrene	12.178	104	265386	28.944	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	73255	28.865	ug/L	95
59) Bromoform	12.349	173	41577	26.511	ug/L	98
60) Isopropylbenzene	12.458	105	434870	27.966	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	53160	26.614	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	284312	27.250	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	343670	27.279	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	190465	27.455	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	188488	27.172	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	169550	28.381	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	11774	25.093	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	130814	27.071	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	104111	25.361	ug/L	96
71) Naphthalene	15.360	128	188658	26.775	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	90953	26.876	ug/L	98

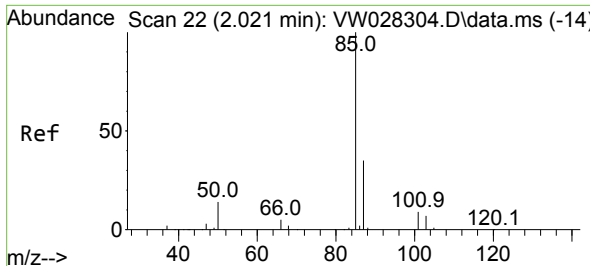
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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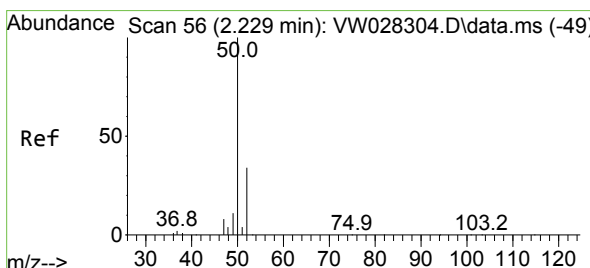
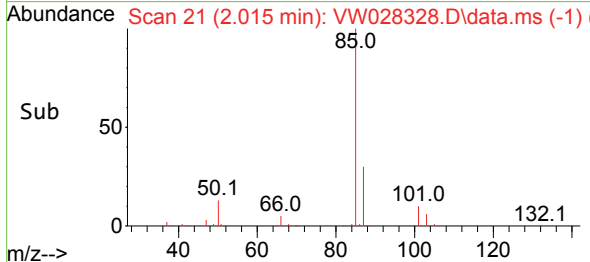
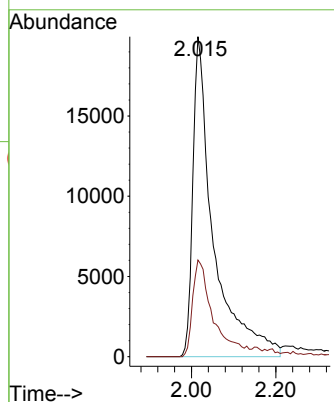
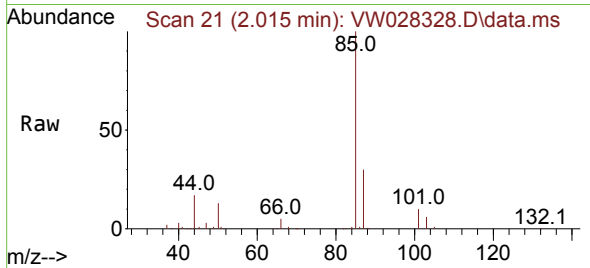




#2
 Dichlorodifluoromethane
 Concen: 21.901 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW028328.D
 Acq: 05 Apr 2024 09:50

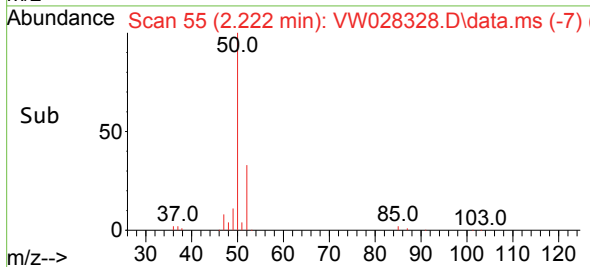
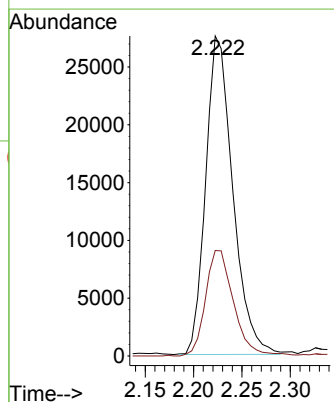
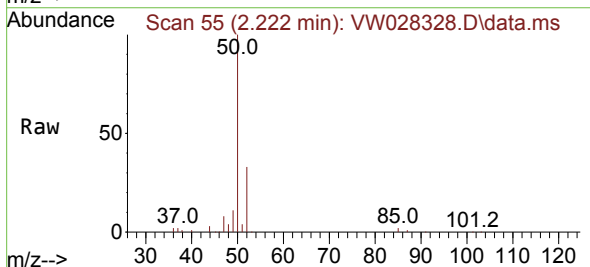
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 ClientSampleId :
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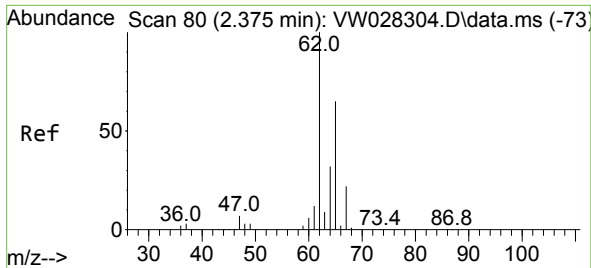
Tgt Ion: 85 Resp: 67517
 Ion Ratio Lower Upper
 85 100
 87 29.7 20.9 31.3



#3
 Chloromethane
 Concen: 24.578 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW028328.D
 Acq: 05 Apr 2024 09:50

Tgt Ion: 50 Resp: 53740
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.1

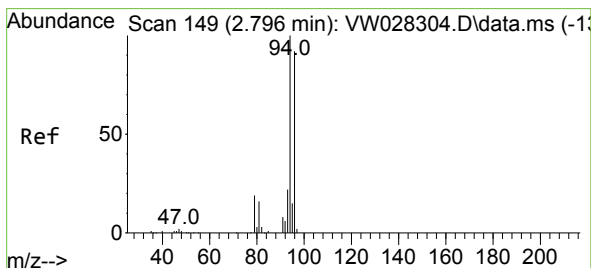
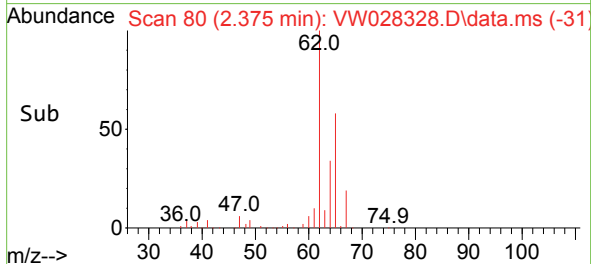
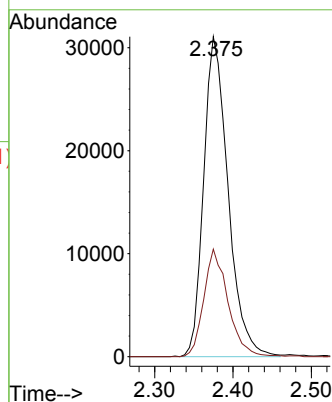
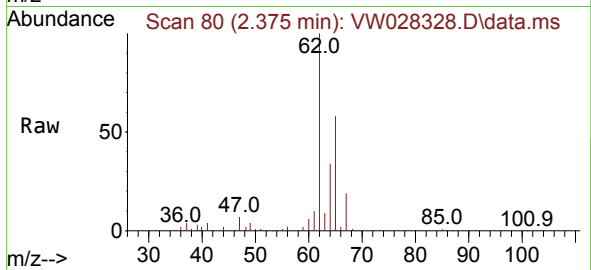




#5
 Vinyl chloride
 Concen: 27.230 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028328.D
 Acq: 05 Apr 2024 09:50

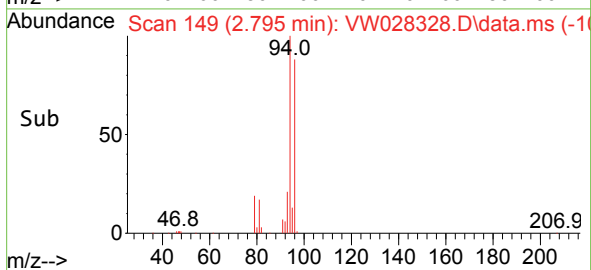
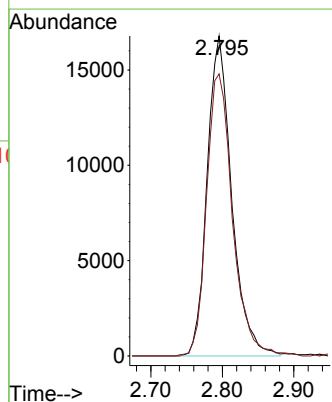
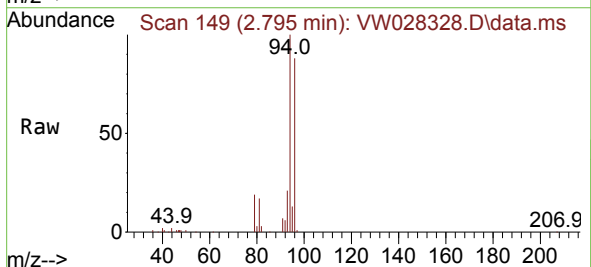
Instrument :
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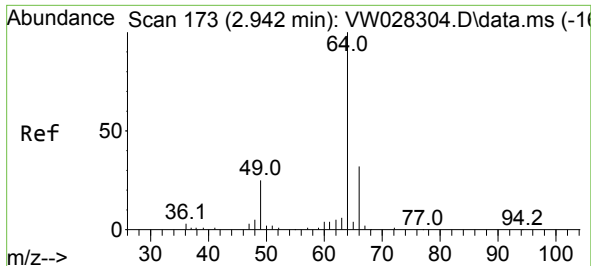
Tgt Ion: 62 Resp: 67304
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.5 41.7



#6
 Bromomethane
 Concen: 27.173 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW028328.D
 Acq: 05 Apr 2024 09:50

Tgt Ion: 94 Resp: 39998
 Ion Ratio Lower Upper
 94 100
 96 88.2 60.8 113.0

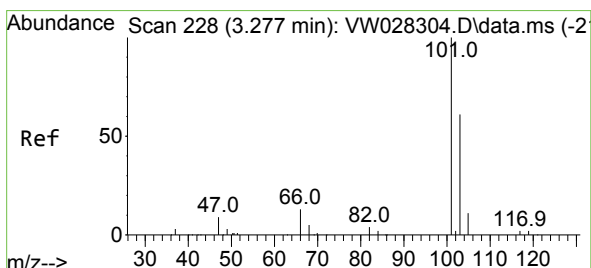
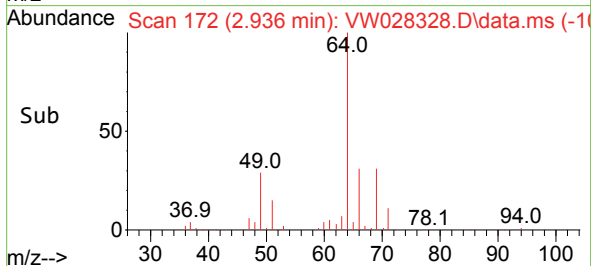
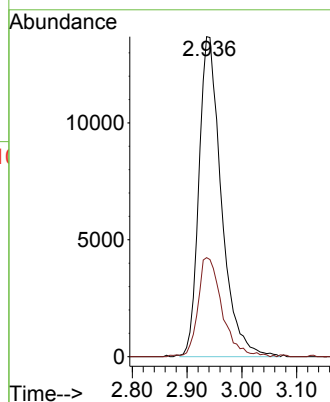
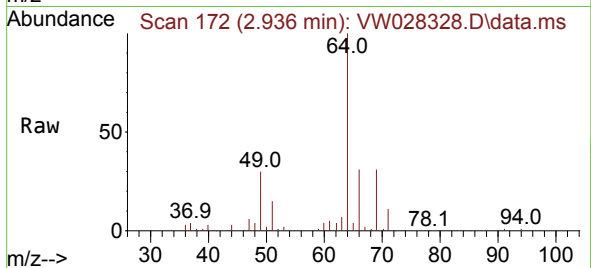




#8
Chloroethane
Concen: 29.347 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

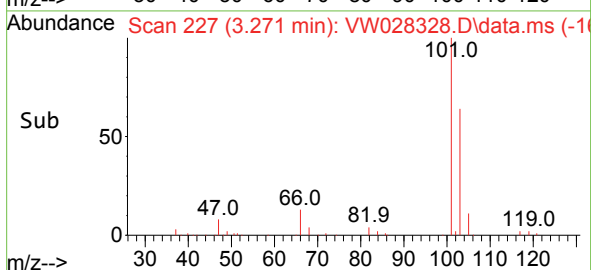
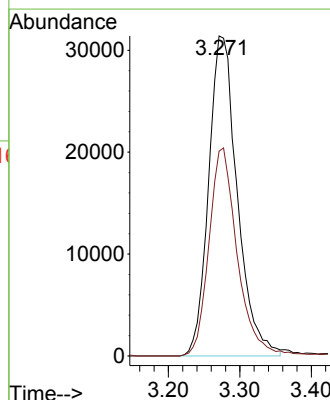
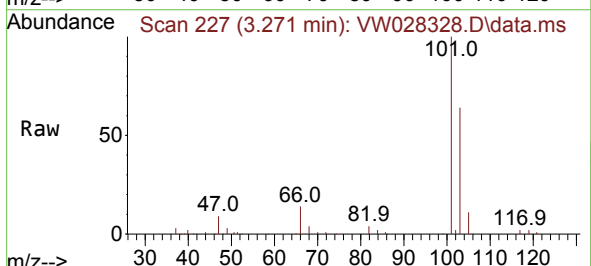
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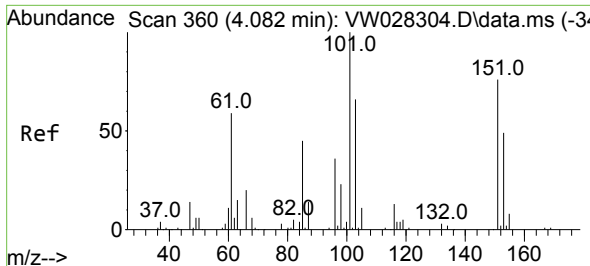
Tgt Ion: 64 Resp: 38987
Ion Ratio Lower Upper
64 100
66 31.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 29.247 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion:101 Resp: 87398
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3

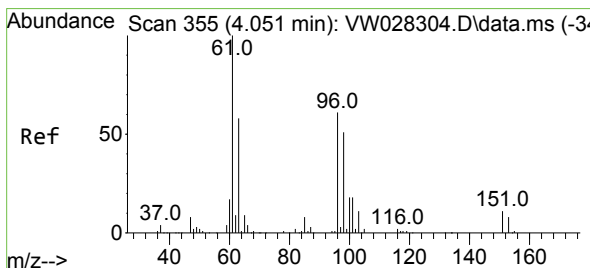
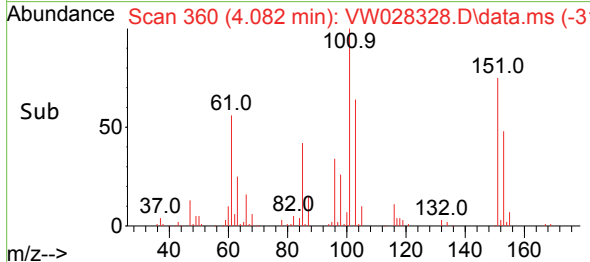
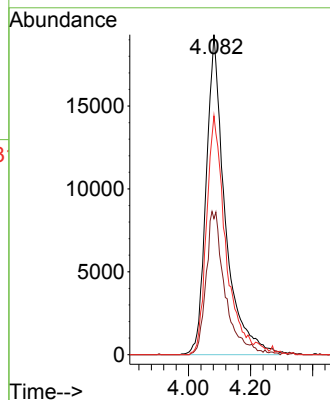
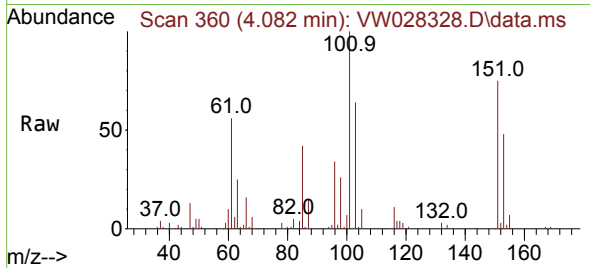




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.566 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. -0.000 min
 Lab File: VW028328.D
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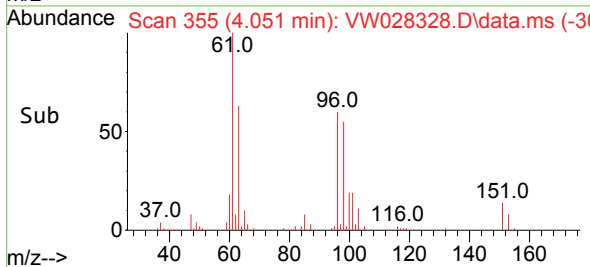
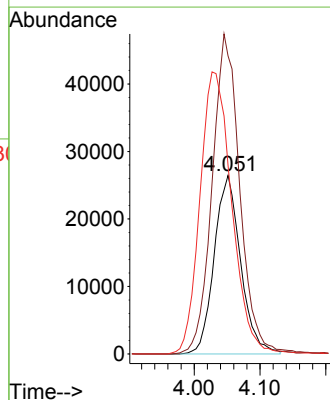
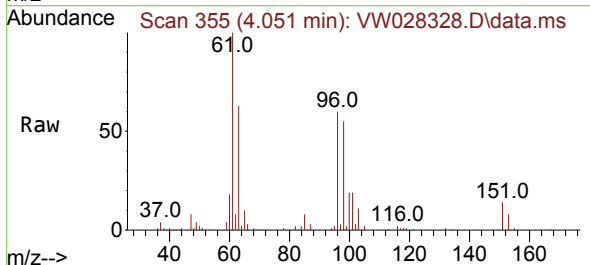
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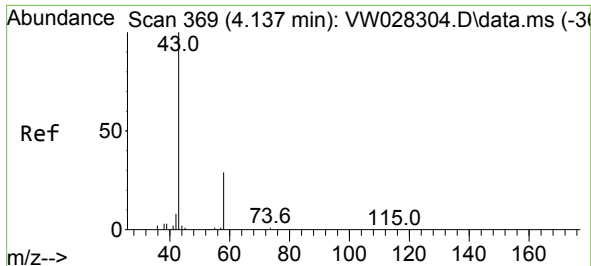
Tgt Ion:101 Resp: 81834
 Ion Ratio Lower Upper
 101 100
 85 20.1 36.4 54.6#
 151 74.7 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 26.886 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW028328.D
 Acq: 05 Apr 2024 09:50

Tgt Ion: 96 Resp: 73782
 Ion Ratio Lower Upper
 96 100
 61 167.0 132.2 245.4
 63 105.6 104.6 194.2

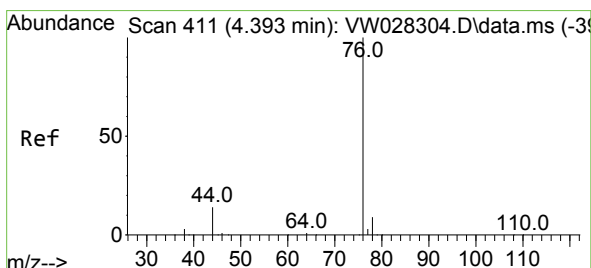
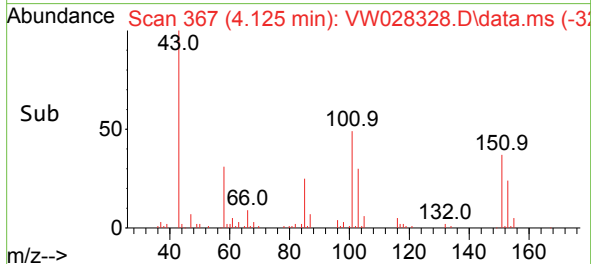
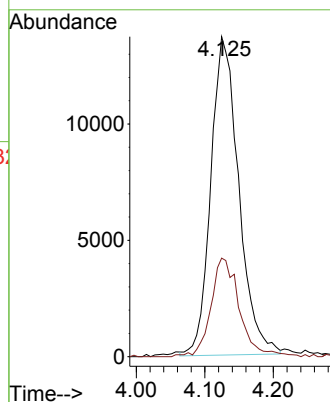
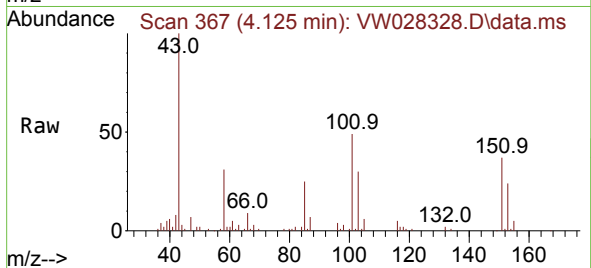




#13
Acetone
Concen: 47.623 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.012 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

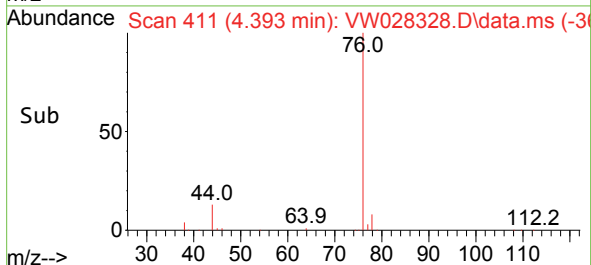
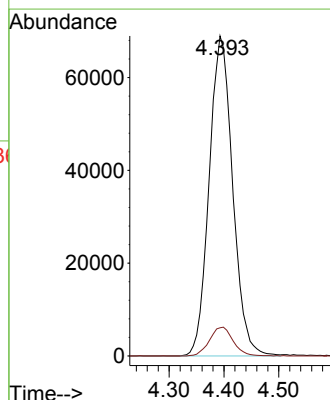
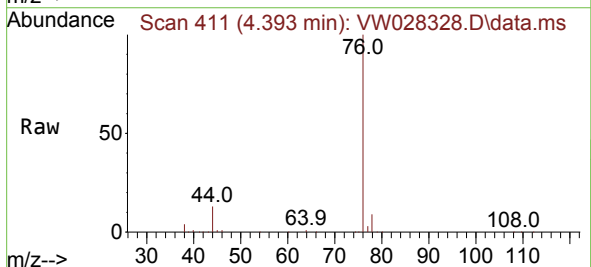
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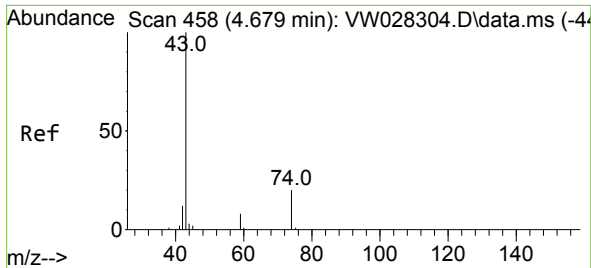
Tgt Ion: 43 Resp: 38779
Ion Ratio Lower Upper
43 100
58 29.3 0.0 57.8



#14
Carbon disulfide
Concen: 24.004 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 205460
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

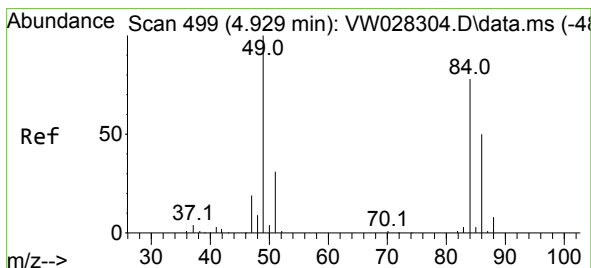
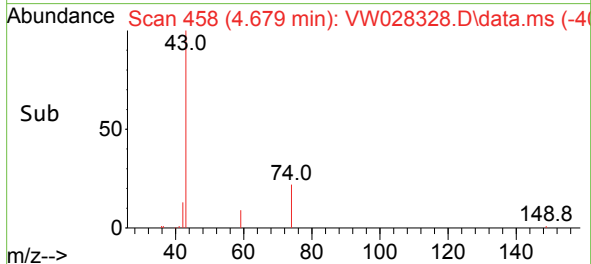
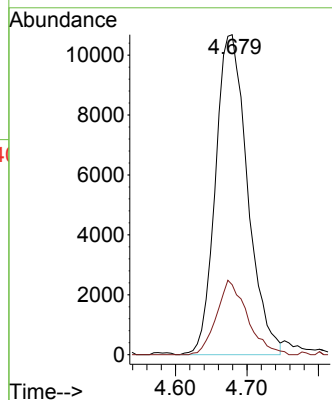
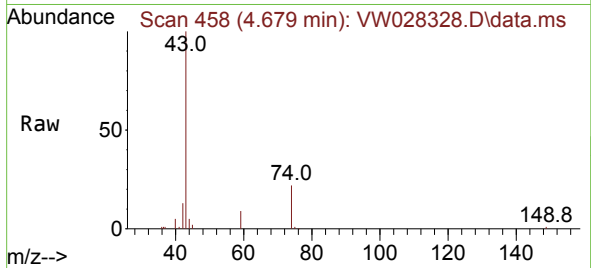




#15
Methyl Acetate
Concen: 26.535 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

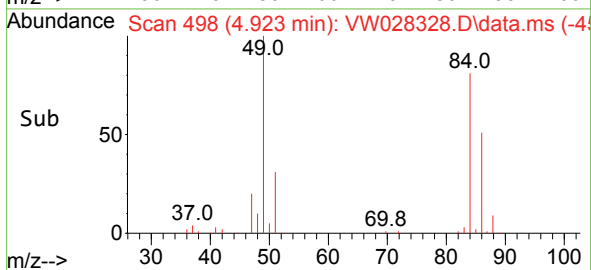
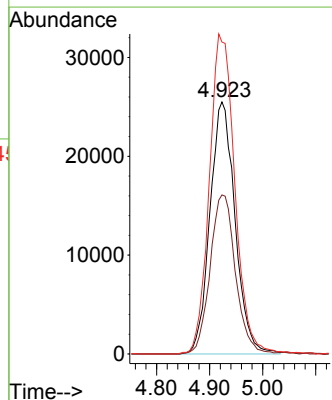
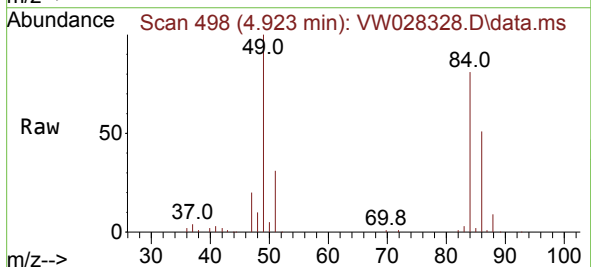
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

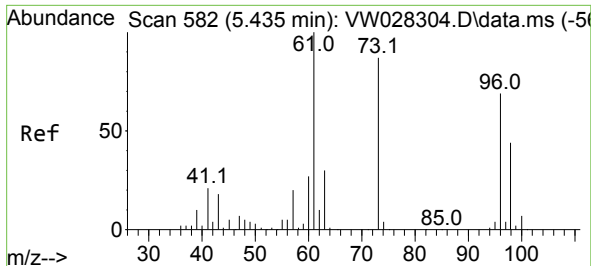
Tgt Ion: 43 Resp: 33282
Ion Ratio Lower Upper
43 100
74 22.3 18.2 27.2



#16
Methylene chloride
Concen: 25.954 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion: 84 Resp: 83948
Ion Ratio Lower Upper
84 100
86 63.1 43.1 80.1
49 123.7 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 26.641 ug/L

RT: 5.441 min Scan# 583

Delta R.T. 0.006 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

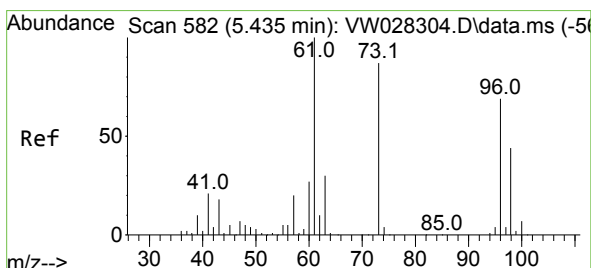
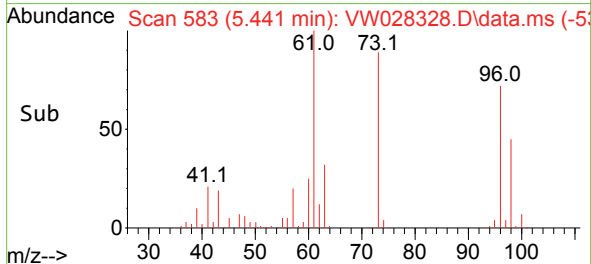
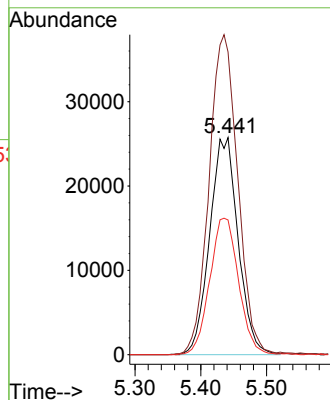
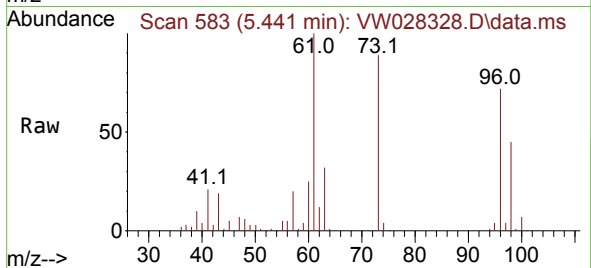
Tgt Ion: 96 Resp: 77696

Ion Ratio Lower Upper

96 100

61 139.5 98.4 182.8

98 62.1 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 27.970 ug/L

RT: 5.435 min Scan# 582

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

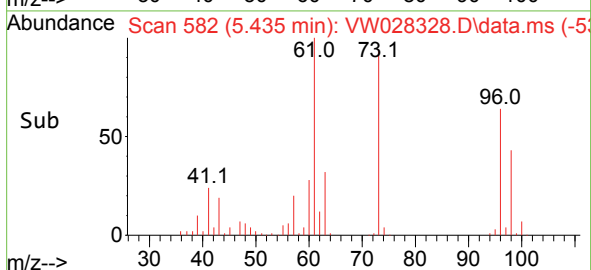
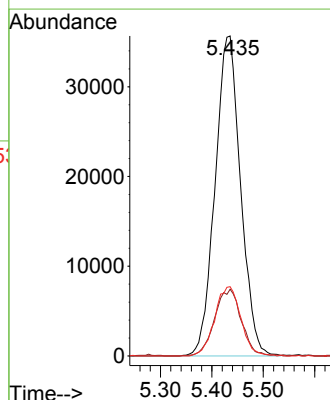
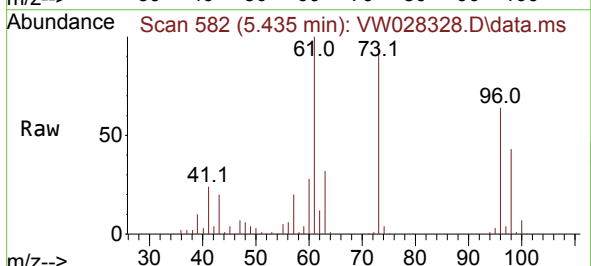
Tgt Ion: 73 Resp: 123071

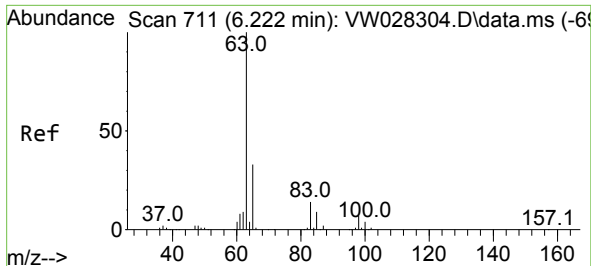
Ion Ratio Lower Upper

73 100

43 21.8 18.2 27.4

57 22.1 17.4 26.2





#19

1,1-Dichloroethane

Concen: 28.298 ug/L

RT: 6.228 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

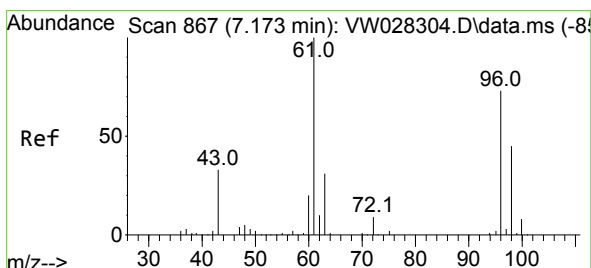
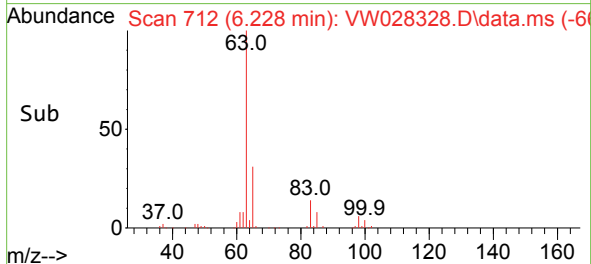
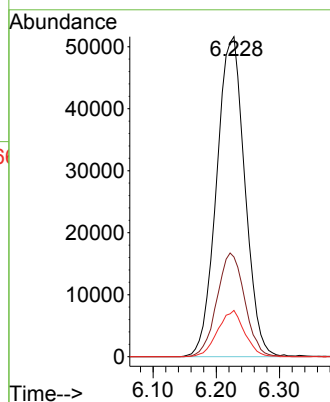
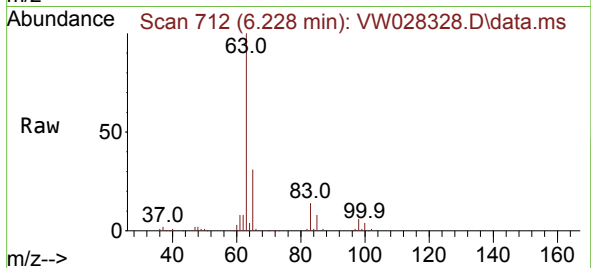
Tgt Ion: 63 Resp: 159773

Ion Ratio Lower Upper

63 100

65 31.2 22.1 41.1

83 14.4 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 27.962 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

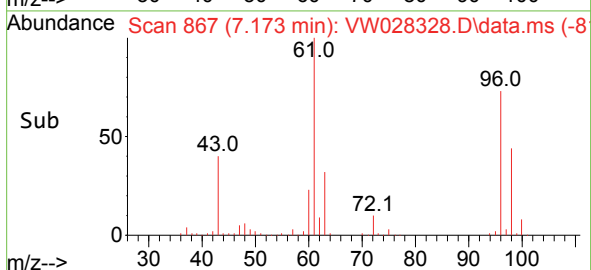
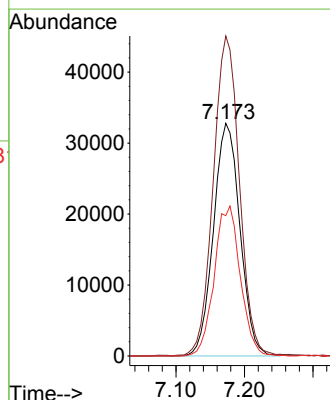
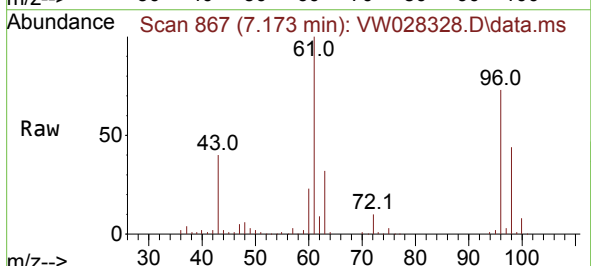
Tgt Ion: 96 Resp: 88074

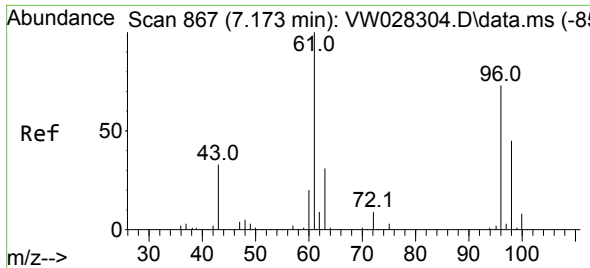
Ion Ratio Lower Upper

96 100

61 137.6 95.7 177.7

98 60.3 43.9 81.5

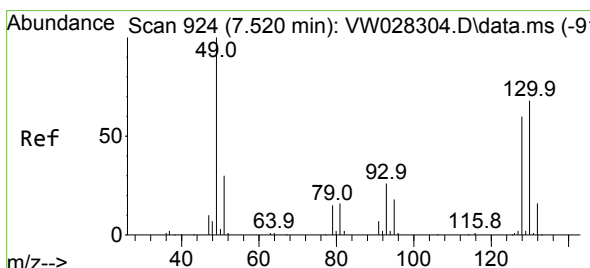
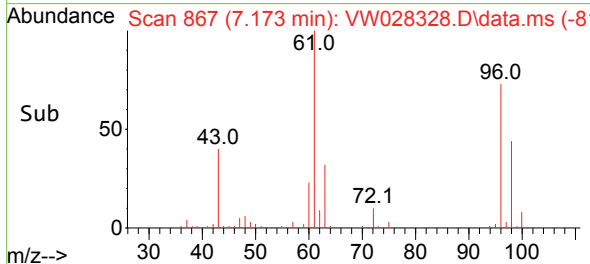
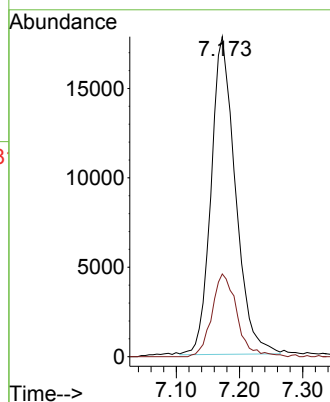
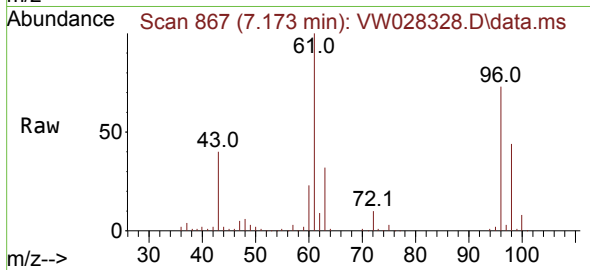




#22
2-Butanone
Concen: 51.394 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

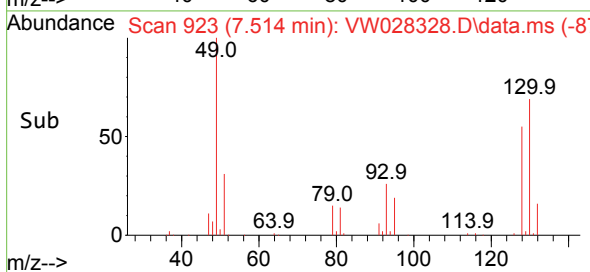
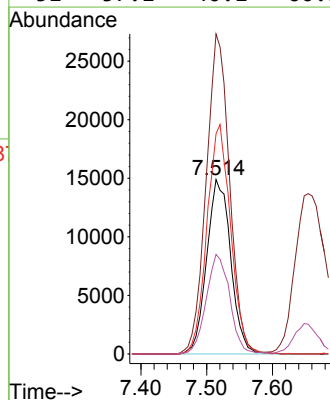
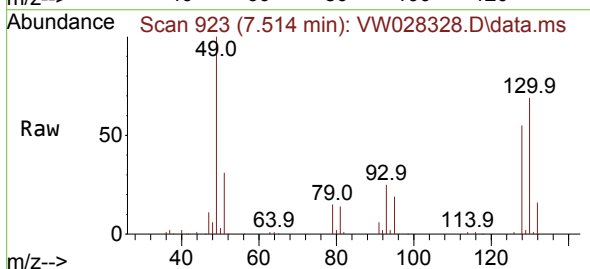
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

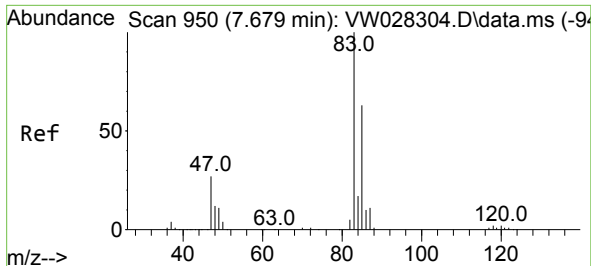
Tgt Ion: 43 Resp: 47515
Ion Ratio Lower Upper
43 100
72 26.2 12.8 38.4



#23
Bromochloromethane
Concen: 27.215 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion: 128 Resp: 37897
Ion Ratio Lower Upper
128 100
49 183.5 116.6 216.6
130 126.3 80.1 148.7
51 57.1 40.1 60.1

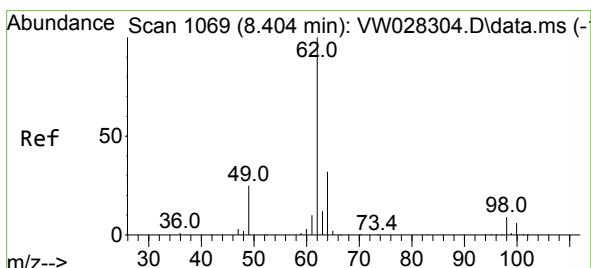
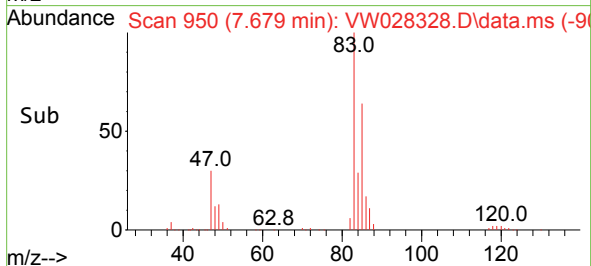
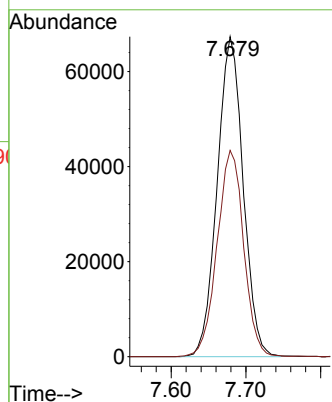
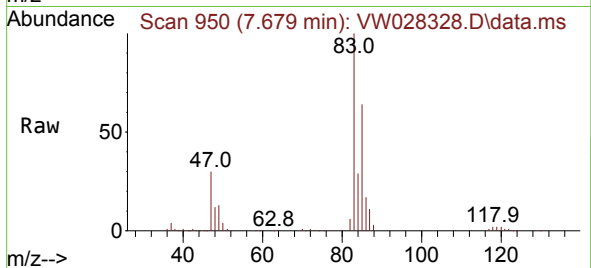




#25
Chloroform
Concen: 27.960 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

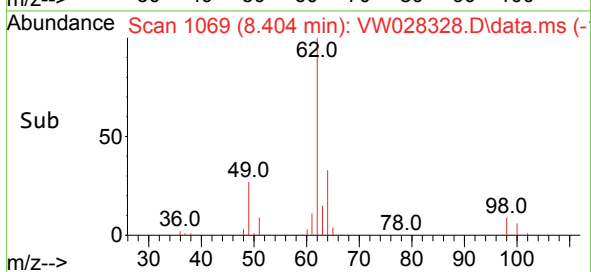
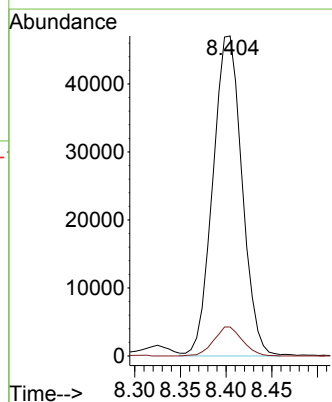
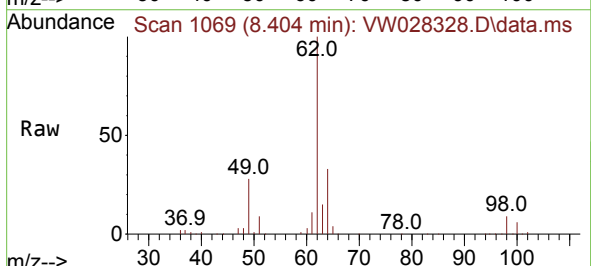
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

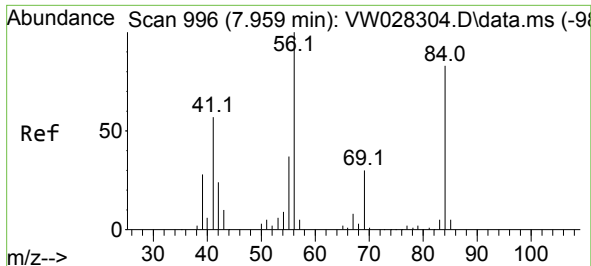
Tgt Ion: 83 Resp: 162519
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7



#27
1,2-Dichloroethane
Concen: 25.464 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion: 62 Resp: 104526
Ion Ratio Lower Upper
62 100
98 9.0 5.9 8.9#

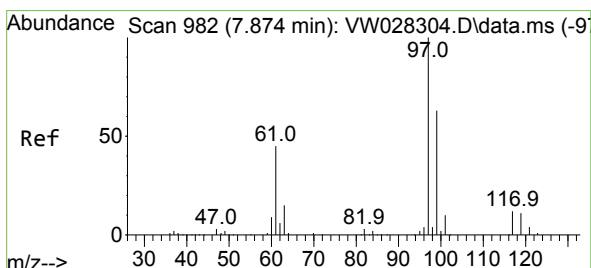
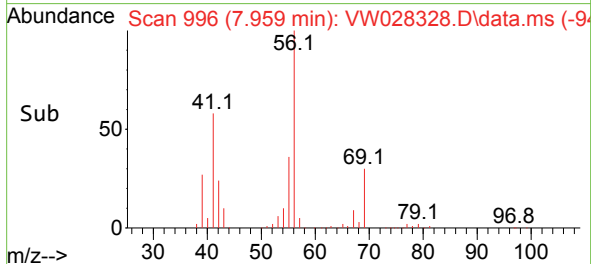
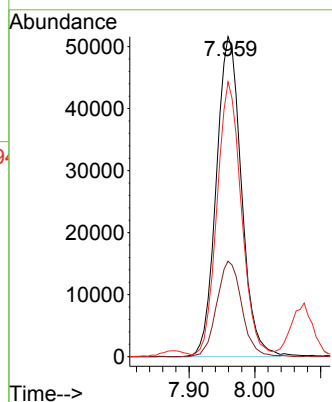
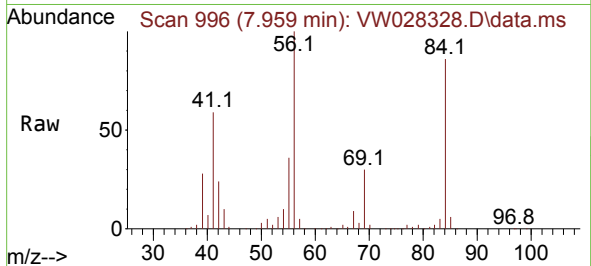




#29
Cyclohexane
Concen: 26.930 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

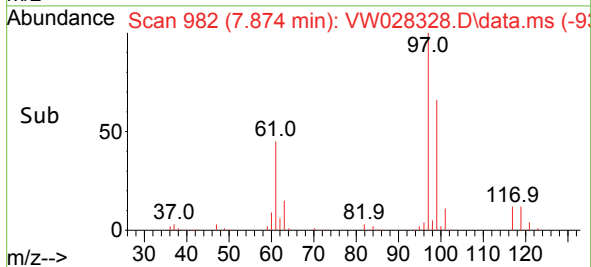
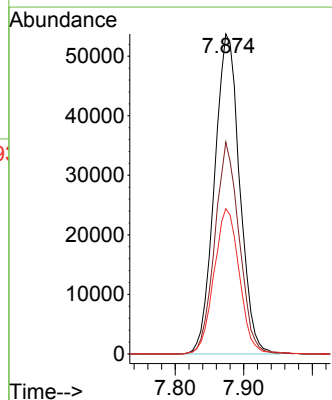
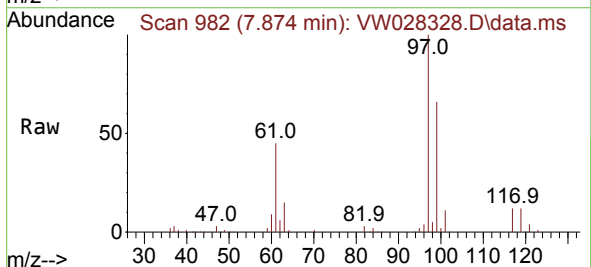
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

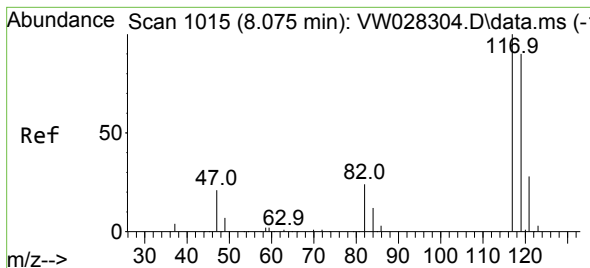
Tgt Ion: 56 Resp: 137048
Ion Ratio Lower Upper
56 100
69 29.8 24.0 36.0
84 83.5 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 26.810 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion: 97 Resp: 137120
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 45.8 37.0 55.6

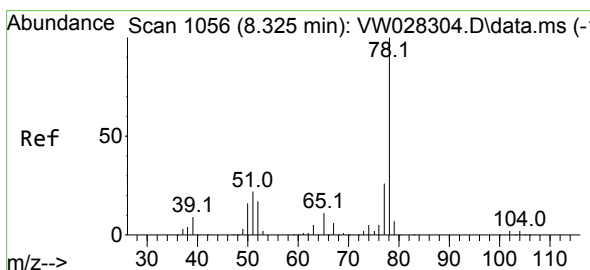
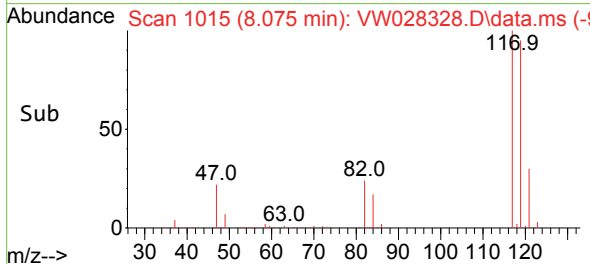
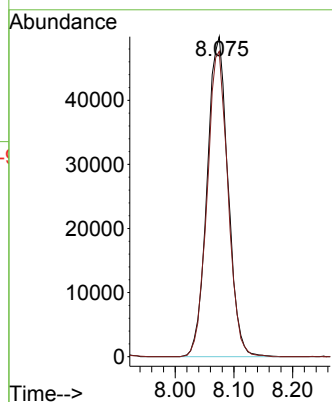
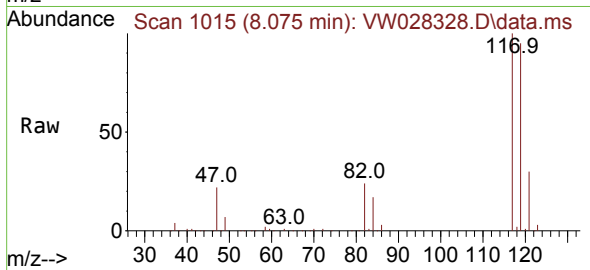




#31
Carbon tetrachloride
Concen: 25.689 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

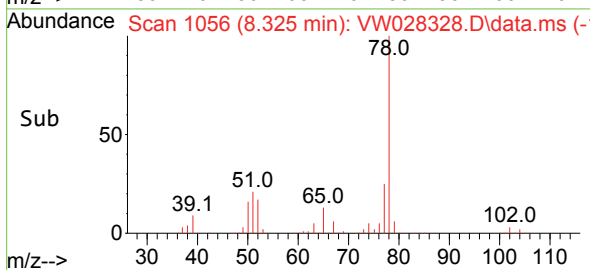
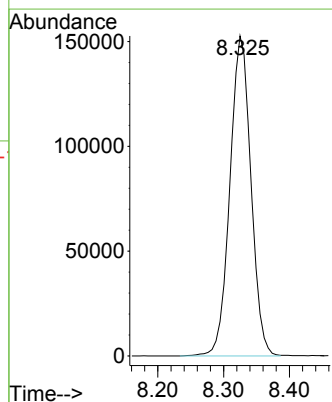
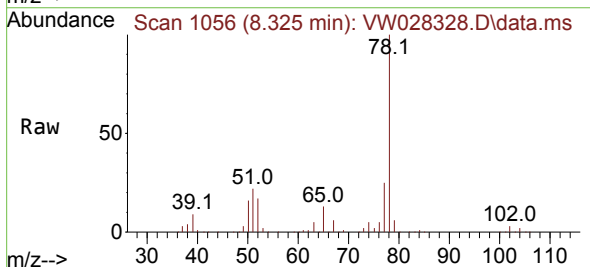
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

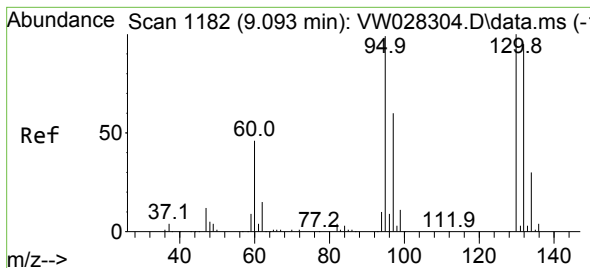
Tgt Ion:117 Resp: 123241
Ion Ratio Lower Upper
117 100
119 95.1 78.2 117.4



#33
Benzene
Concen: 28.276 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion: 78 Resp: 339483





#34

Trichloroethene

Concen: 27.947 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

Tgt Ion: 95 Resp: 93611

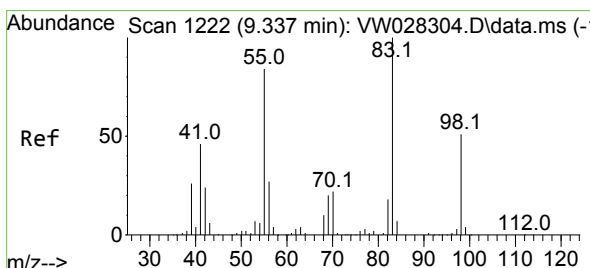
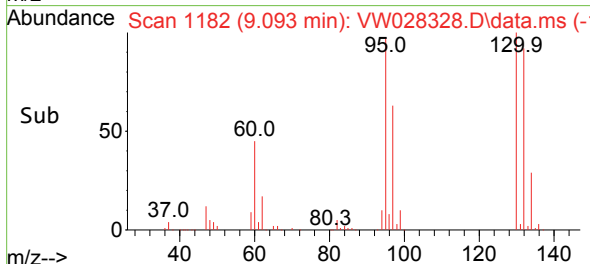
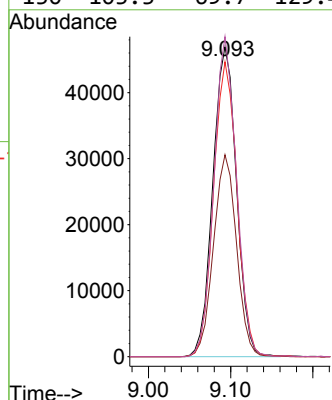
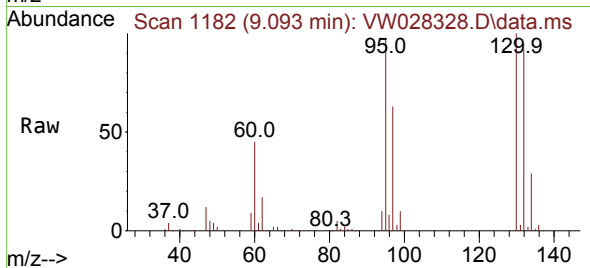
Ion Ratio Lower Upper

95 100

97 65.2 42.4 78.6

132 95.2 69.4 128.8

130 103.3 69.7 129.4



#35

Methylcyclohexane

Concen: 26.437 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

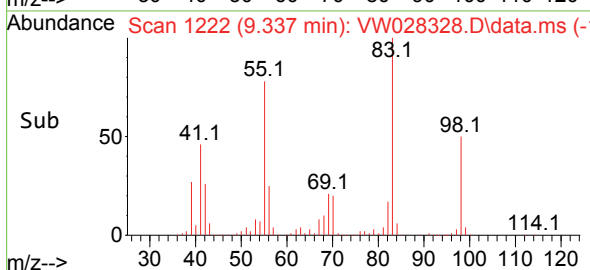
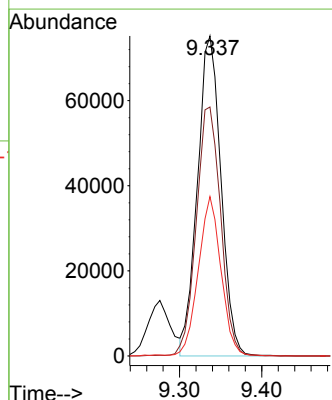
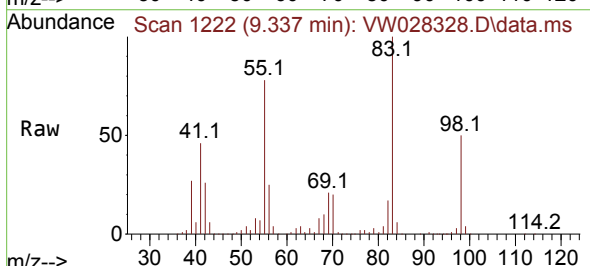
Tgt Ion: 83 Resp: 149681

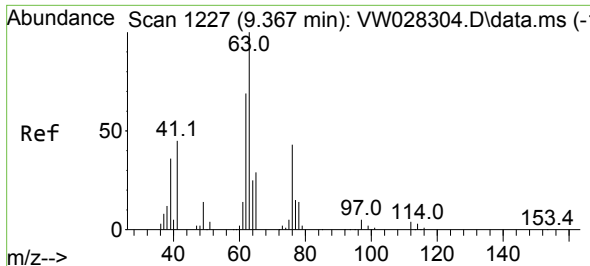
Ion Ratio Lower Upper

83 100

55 80.3 64.2 96.4

98 47.4 38.3 57.5

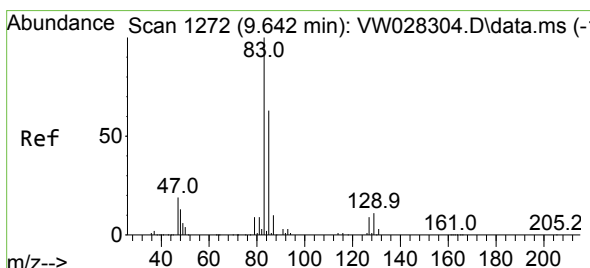
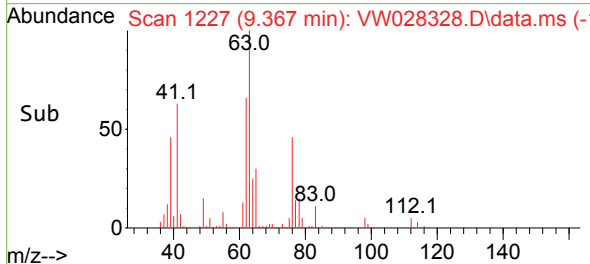
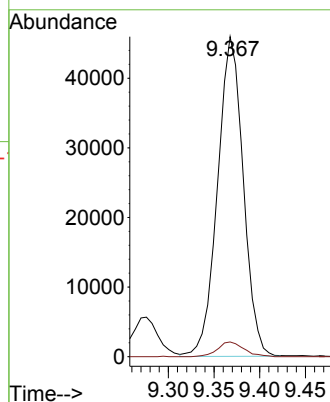
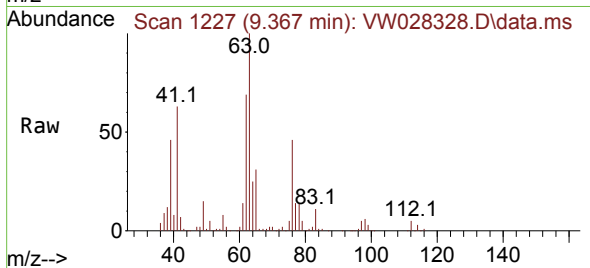




#37
1,2-Dichloropropane
Concen: 29.305 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

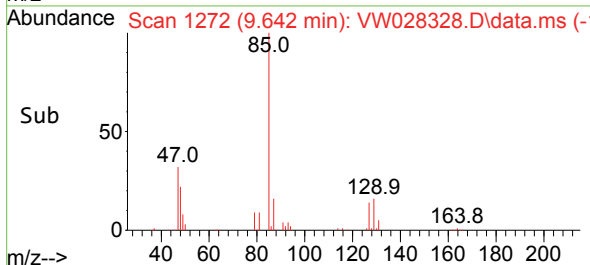
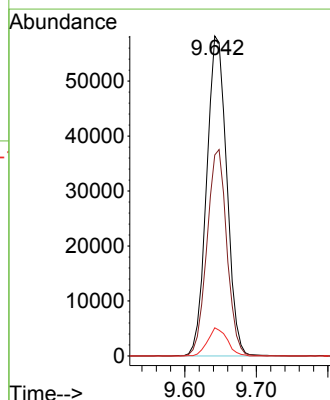
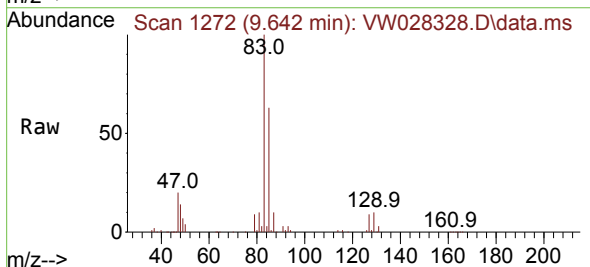
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

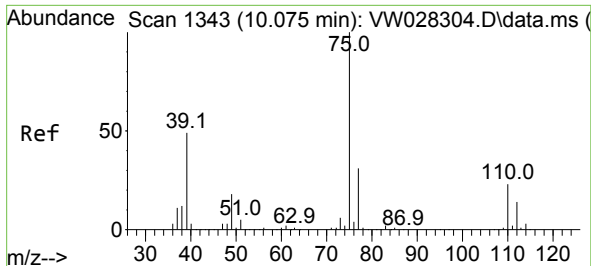
Tgt Ion: 63 Resp: 89994
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8



#38
Bromodichloromethane
Concen: 27.419 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion: 83 Resp: 113525
Ion Ratio Lower Upper
83 100
85 62.8 45.8 85.2
127 8.8 6.5 9.7

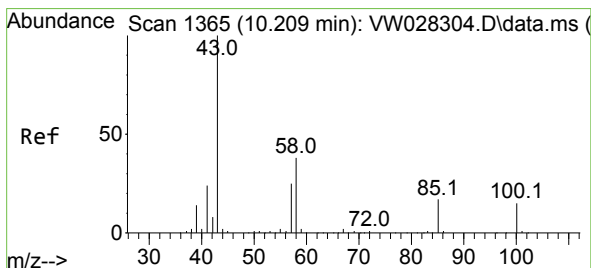
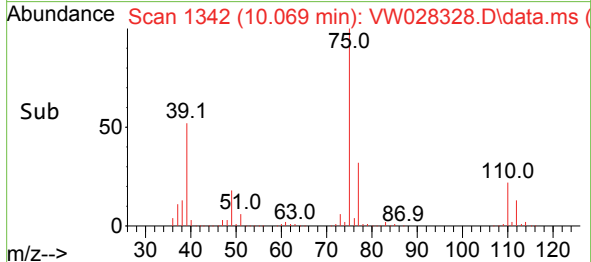
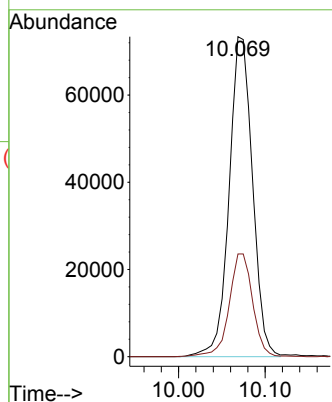
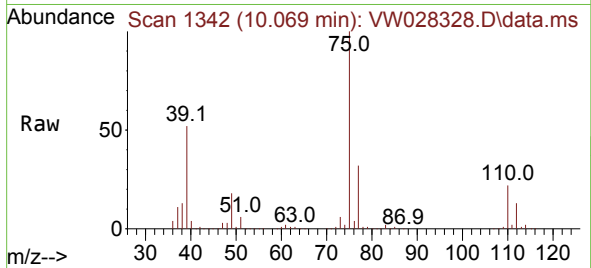




#39
 cis-1,3-Dichloropropene
 Concen: 27.938 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW028328.D
 Acq: 05 Apr 2024 09:50

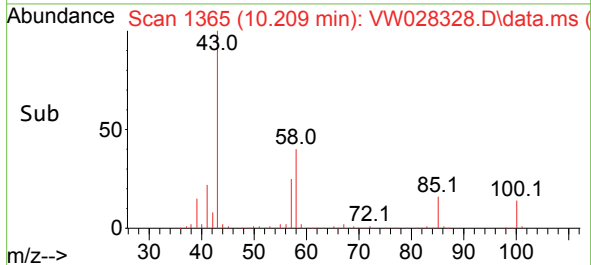
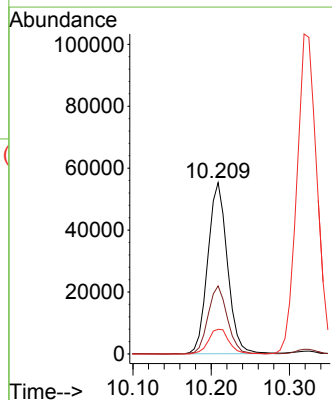
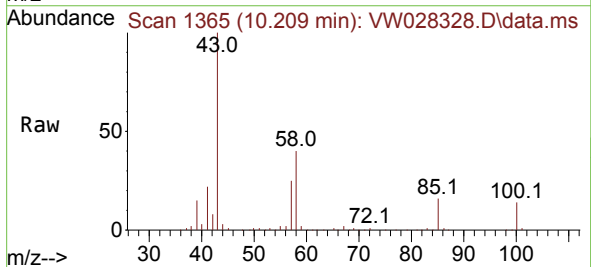
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

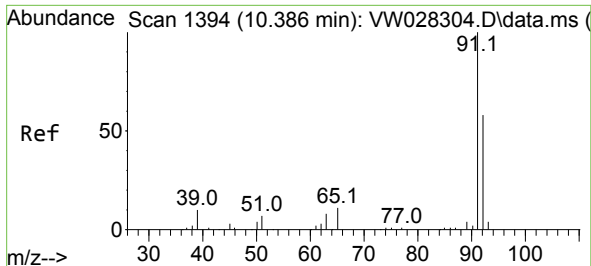
Tgt Ion: 75 Resp: 137399
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 56.661 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW028328.D
 Acq: 05 Apr 2024 09:50

Tgt Ion: 43 Resp: 96046
 Ion Ratio Lower Upper
 43 100
 58 39.3 30.1 45.1
 100 15.2 11.8 17.8





#42

Toluene

Concen: 27.873 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

Instrument :

MSVOA_W

ClientSampleId :

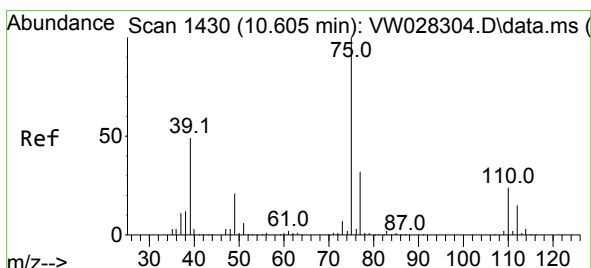
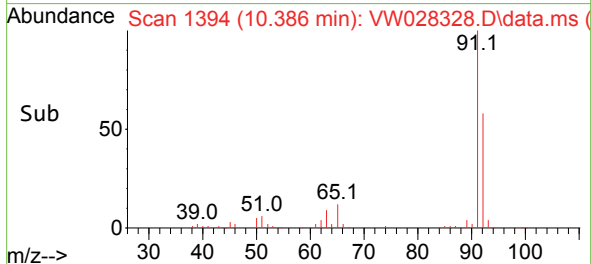
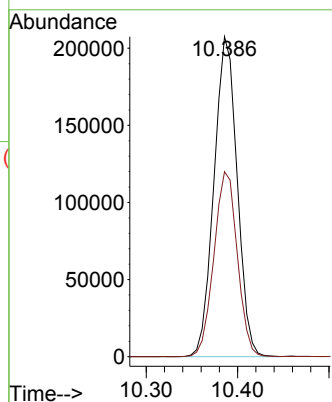
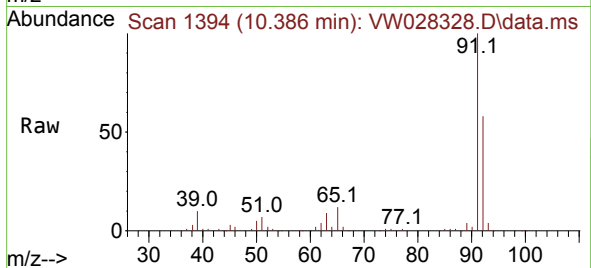
VSTD025539

Tgt Ion: 91 Resp: 365226

Ion Ratio Lower Upper

91 100

92 57.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 26.929 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028328.D

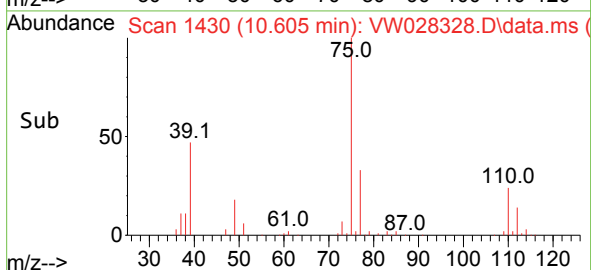
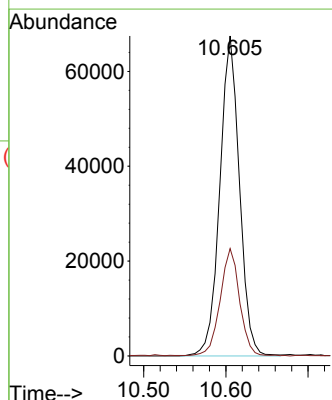
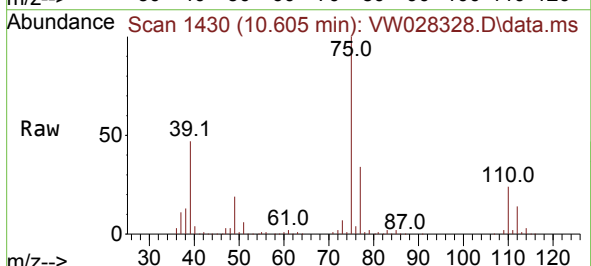
Acq: 05 Apr 2024 09:50

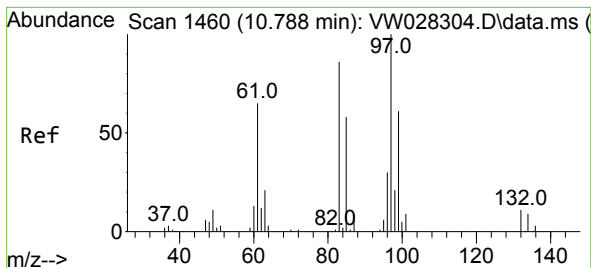
Tgt Ion: 75 Resp: 111813

Ion Ratio Lower Upper

75 100

77 33.5 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 28.585 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

Tgt Ion: 97 Resp: 63424

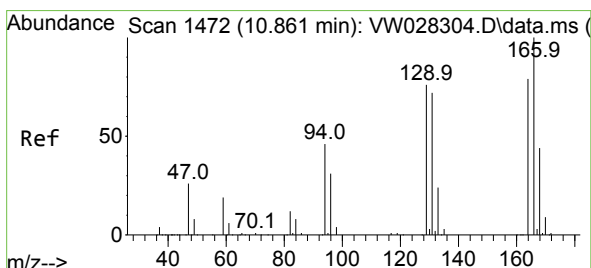
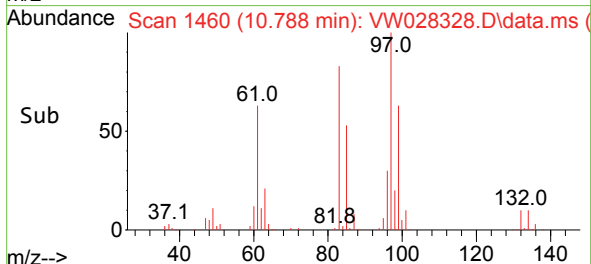
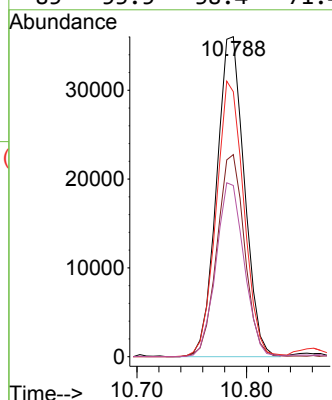
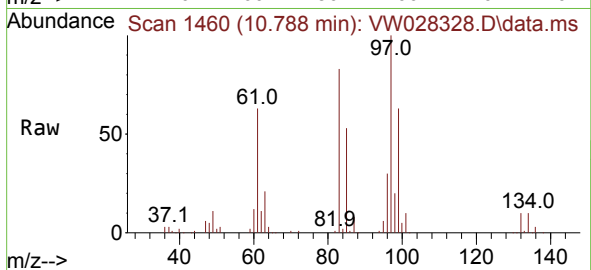
Ion Ratio Lower Upper

97 100

99 63.2 43.4 80.6

83 82.8 59.4 110.4

85 53.5 38.4 71.4



#46

Tetrachloroethene

Concen: 25.734 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

Tgt Ion:164 Resp: 69483

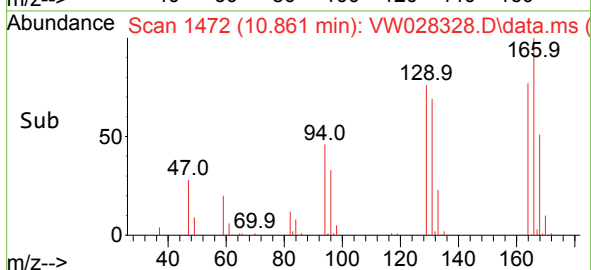
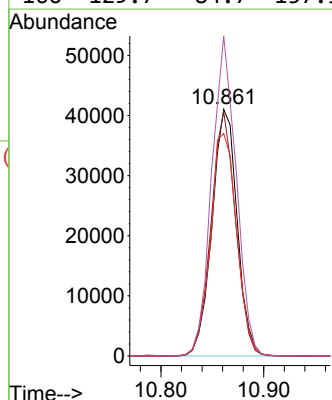
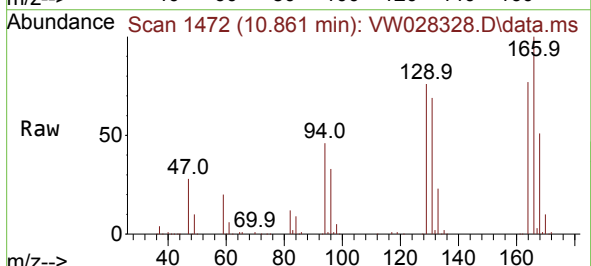
Ion Ratio Lower Upper

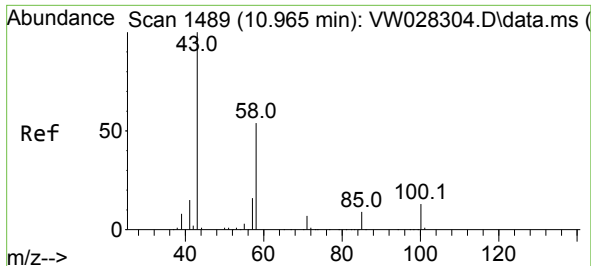
164 100

129 99.0 64.0 119.0

131 90.2 62.6 116.3

166 129.7 84.7 157.3

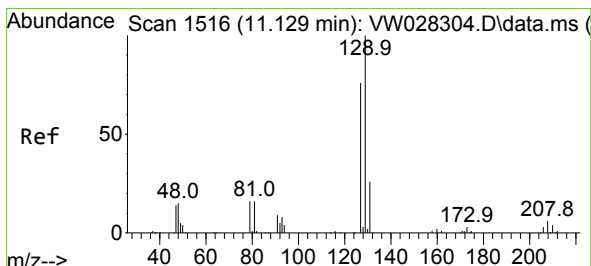
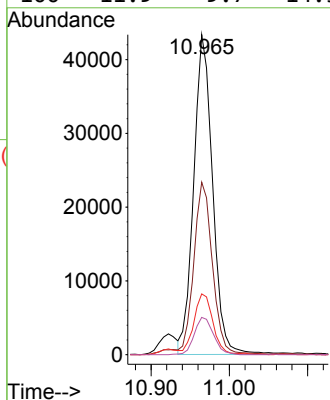
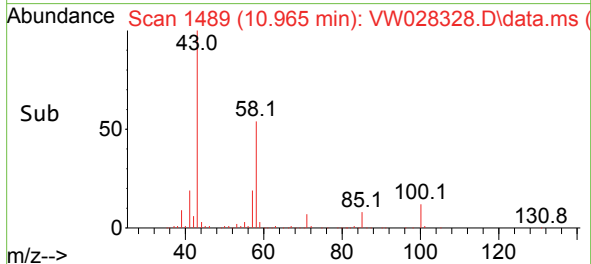
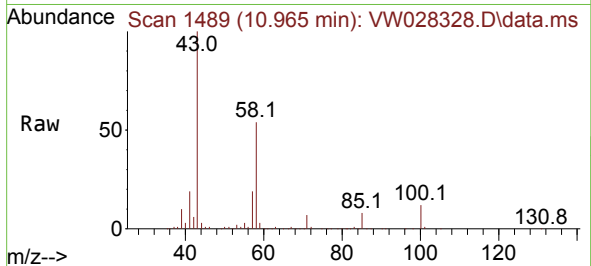




#48
2-Hexanone
Concen: 54.895 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

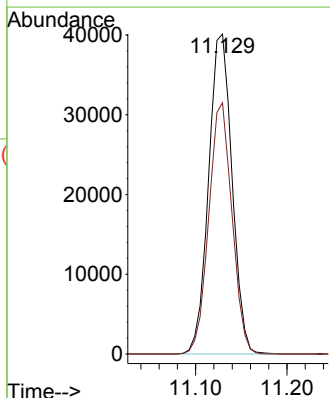
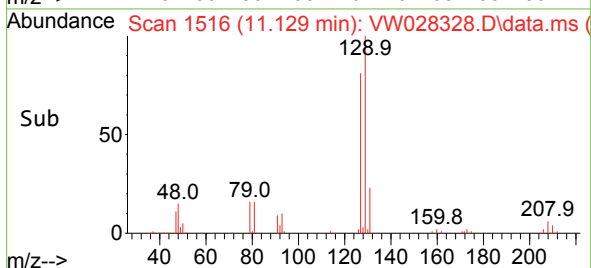
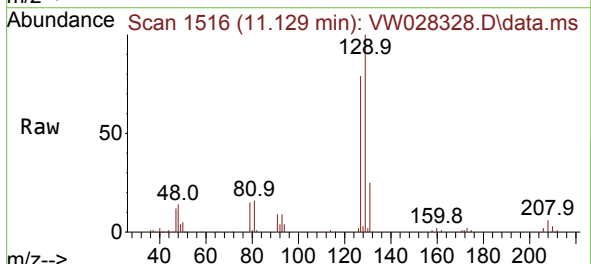
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

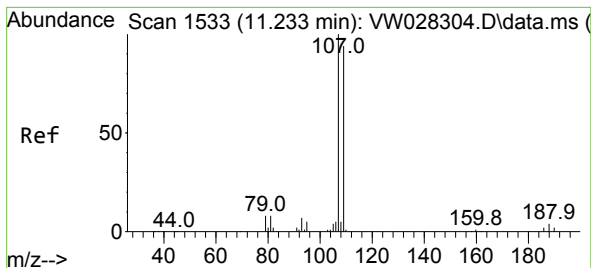
Tgt Ion:	43	Resp:	72892
Ion	Ratio	Lower	Upper
43	100		
58	52.7	40.6	61.0
57	19.3	15.7	23.5
100	11.9	9.7	14.5



#49
Dibromochloromethane
Concen: 27.213 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion:	129	Resp:	71507
Ion	Ratio	Lower	Upper
129	100		
127	78.5	53.1	98.7

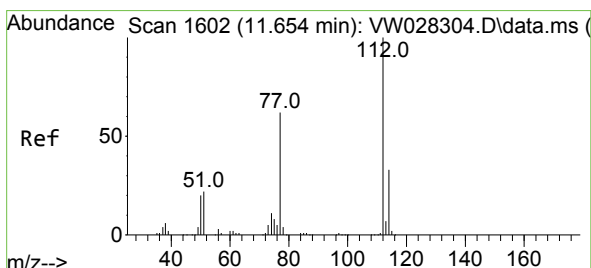
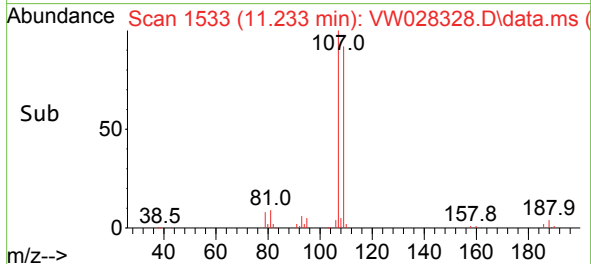
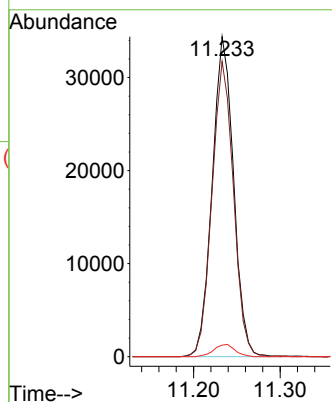
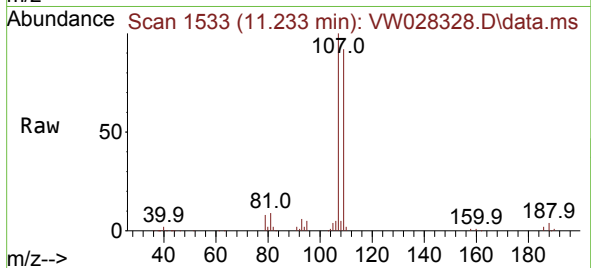




#50
1,2-Dibromoethane
Concen: 27.733 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

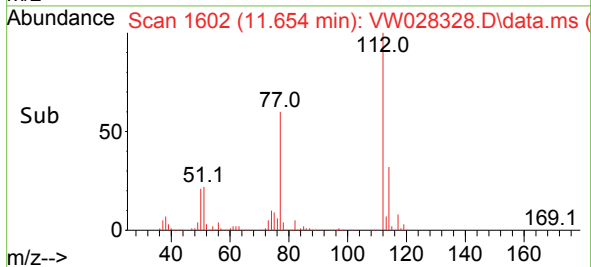
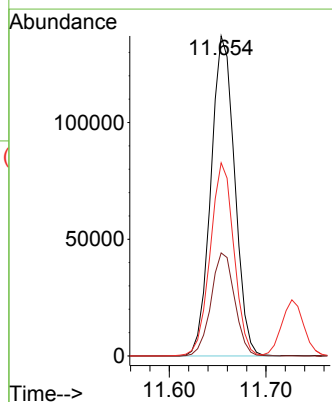
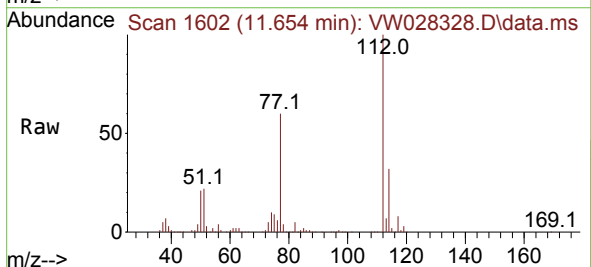
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

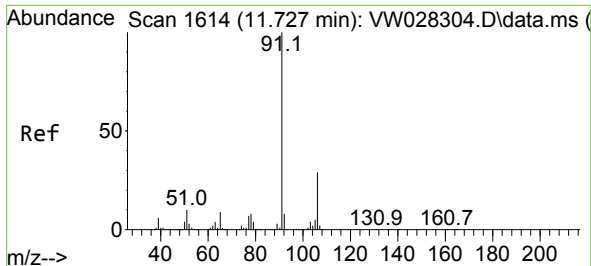
Tgt Ion:107 Resp: 58837
Ion Ratio Lower Upper
107 100
109 92.2 64.4 119.6
188 3.8 3.4 5.2



#51
Chlorobenzene
Concen: 28.158 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion:112 Resp: 234190
Ion Ratio Lower Upper
112 100
114 32.2 21.8 40.6
77 60.4 50.6 76.0

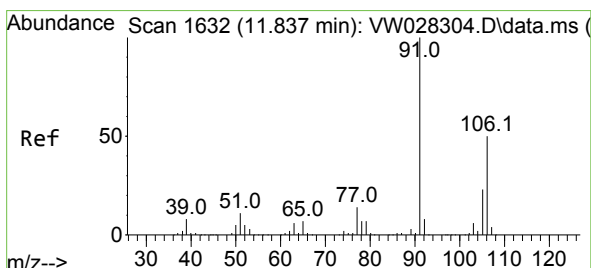
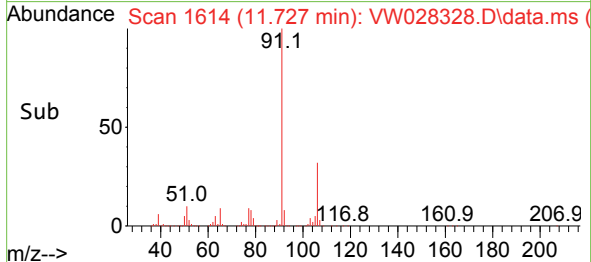
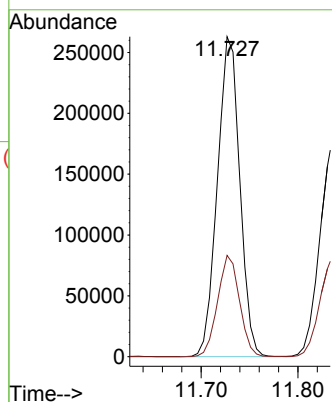
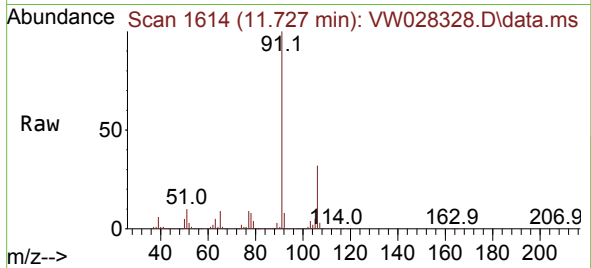




#52
Ethylbenzene
Concen: 27.633 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

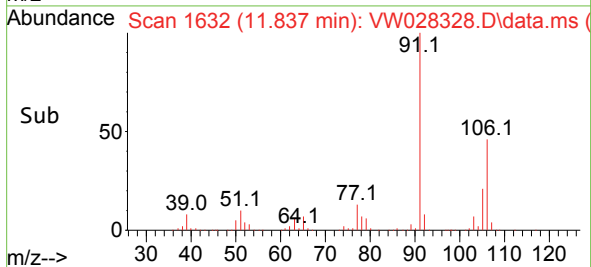
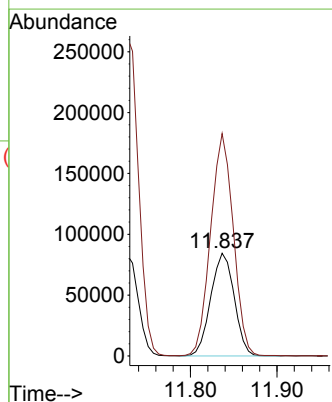
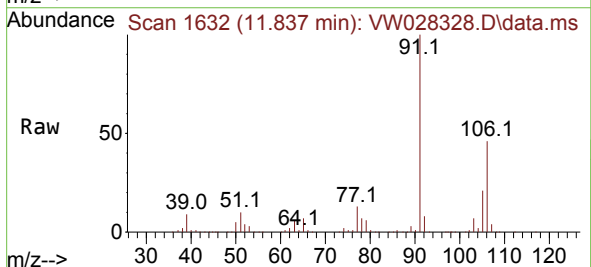
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

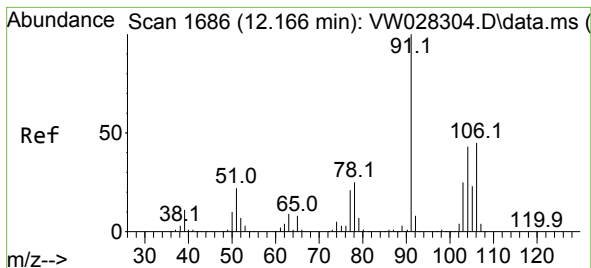
Tgt Ion: 91 Resp: 422687
Ion Ratio Lower Upper
91 100
106 31.7 21.3 39.5



#53
m,p-Xylene
Concen: 27.640 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion:106 Resp: 159098
Ion Ratio Lower Upper
106 100
91 216.6 147.1 273.1





#54

o-Xylene

Concen: 28.506 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

Instrument :

MSVOA_W

ClientSampleId :

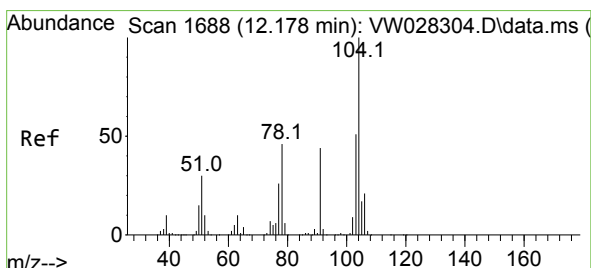
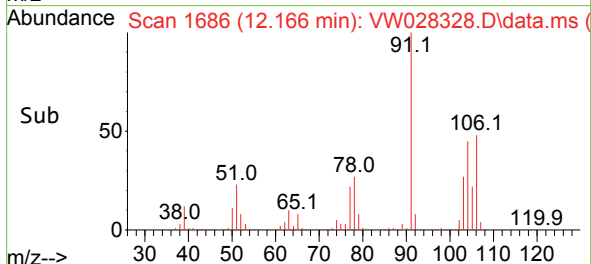
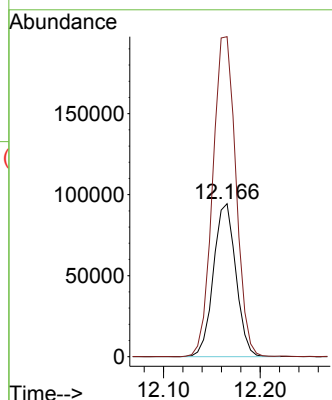
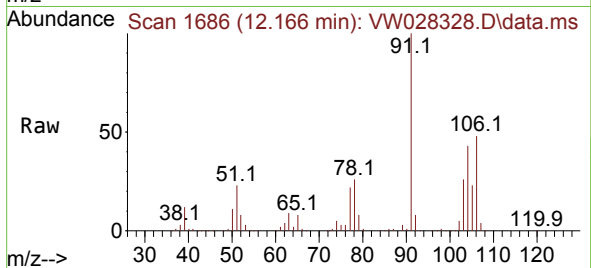
VSTD025539

Tgt Ion:106 Resp: 152162

Ion Ratio Lower Upper

106 100

91 209.2 149.2 277.2



#55

Styrene

Concen: 28.944 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028328.D

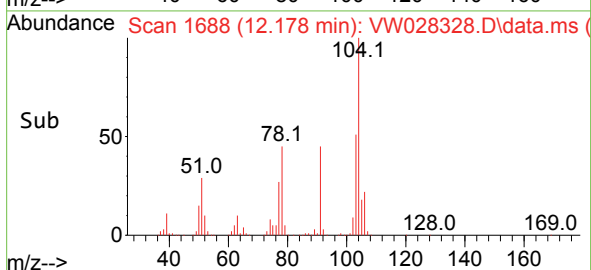
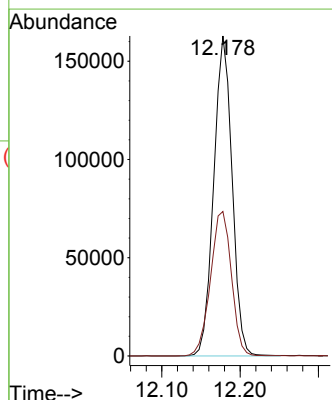
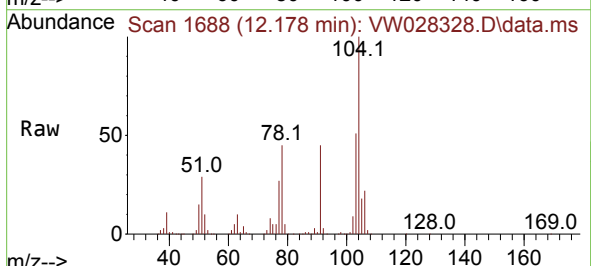
Acq: 05 Apr 2024 09:50

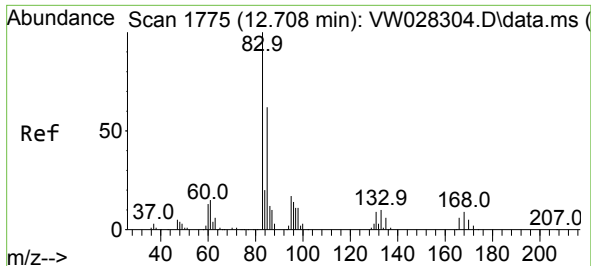
Tgt Ion:104 Resp: 265386

Ion Ratio Lower Upper

104 100

78 45.2 33.2 61.7

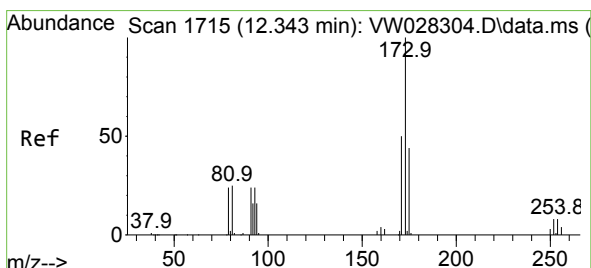
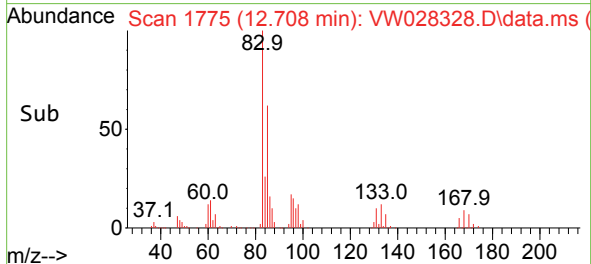
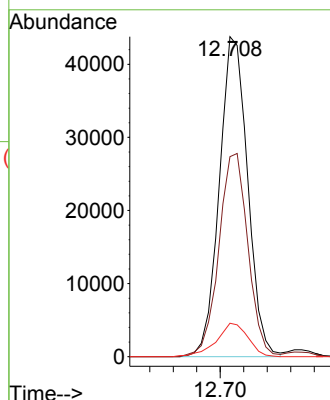
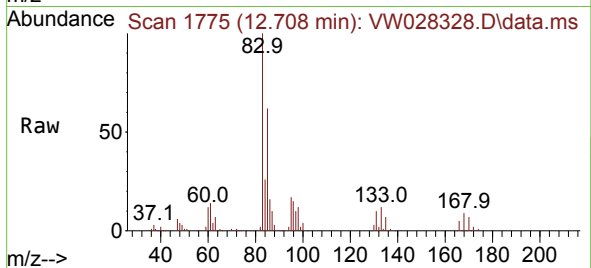




#57
1,1,2,2-Tetrachloroethane
Concen: 28.865 ug/L
RT: 12.708 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

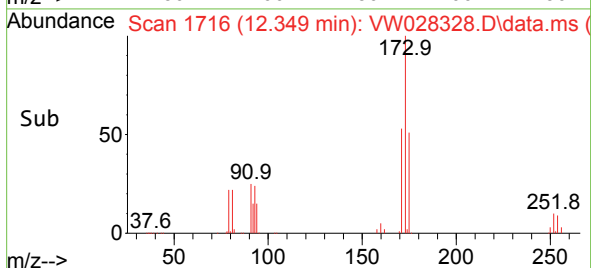
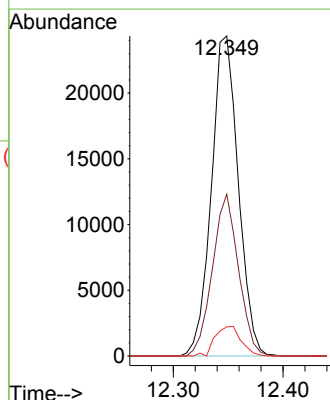
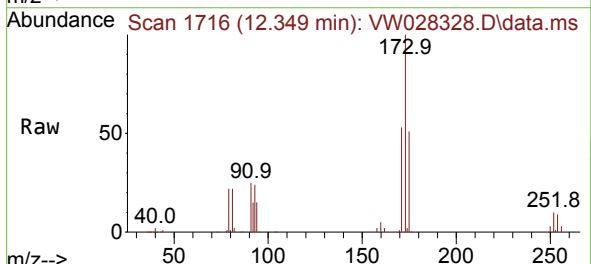
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

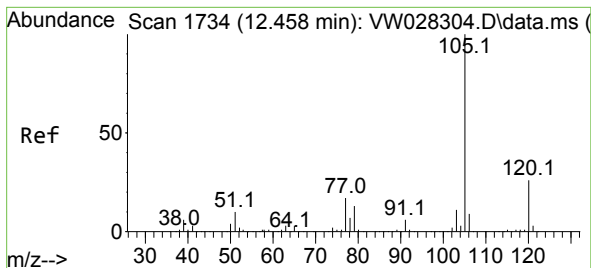
Tgt Ion:	83	Resp:	73255
Ion Ratio	Lower	Upper	
83	100		
85	62.5	47.0	87.2
131	10.5	8.9	13.3



#59
Bromoform
Concen: 26.511 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion:	173	Resp:	41577
Ion Ratio	Lower	Upper	
173	100		
175	48.9	39.8	59.6
254	8.7	8.5	12.7





#60

Isopropylbenzene

Concen: 27.966 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

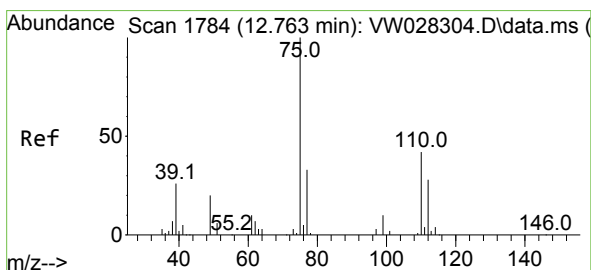
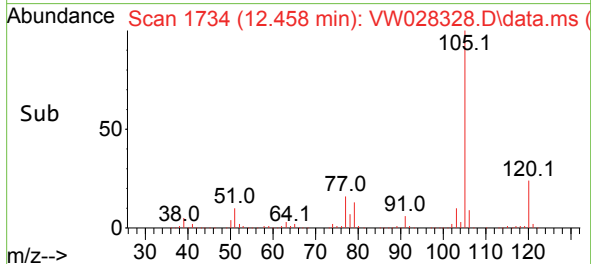
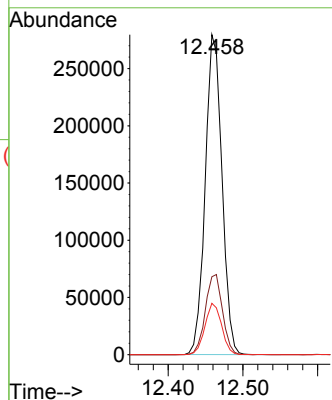
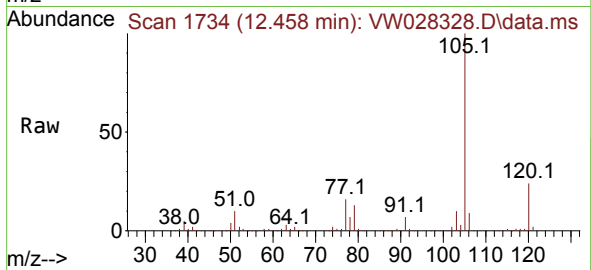
Tgt Ion:105 Resp: 434870

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6

77 16.0 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 26.614 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

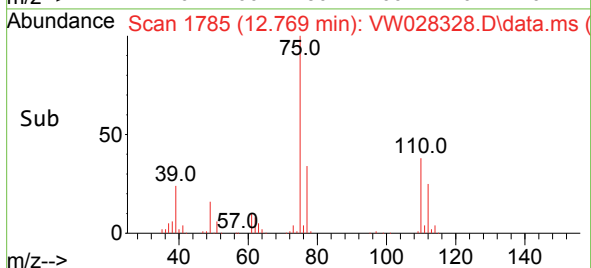
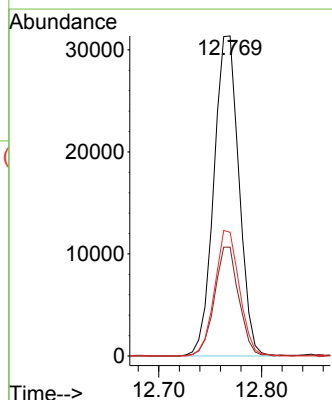
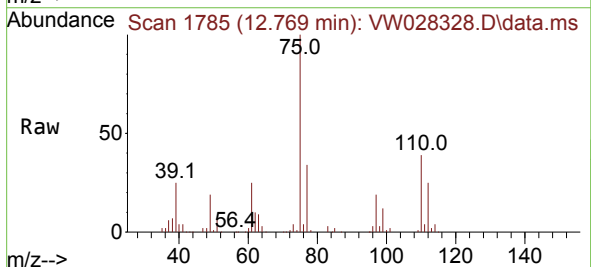
Tgt Ion: 75 Resp: 53160

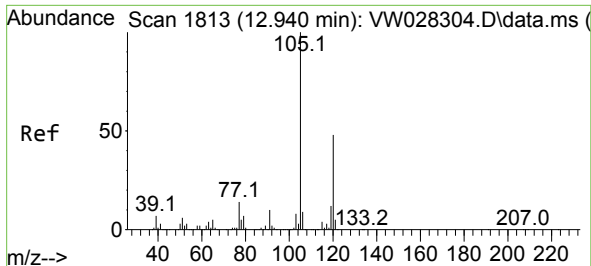
Ion Ratio Lower Upper

75 100

77 33.1 26.0 39.0

110 38.7 32.2 48.2

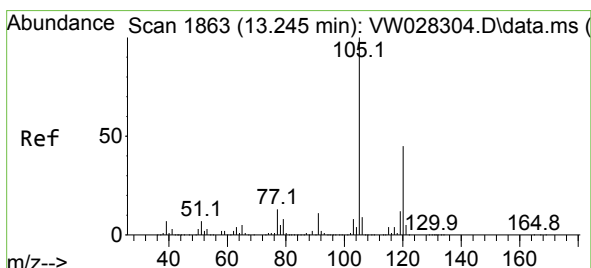
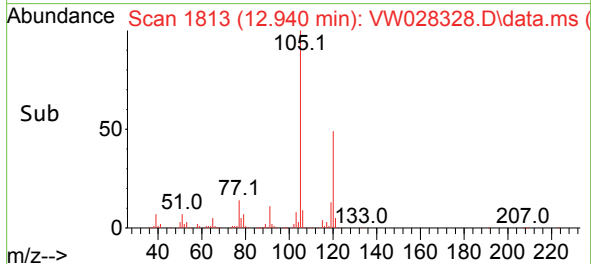
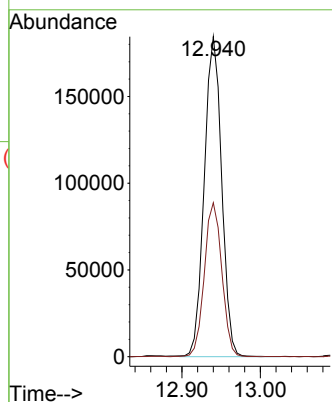
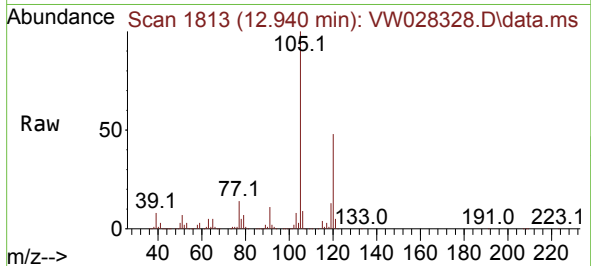




#62
1,3,5-Trimethylbenzene
Concen: 27.250 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

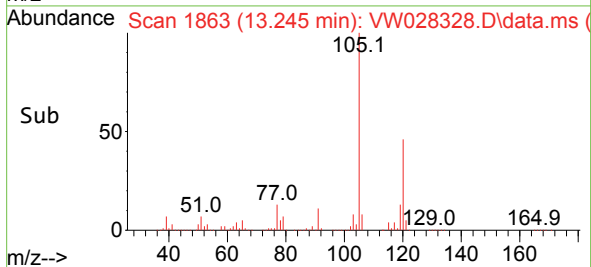
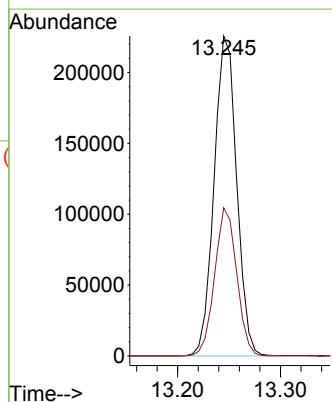
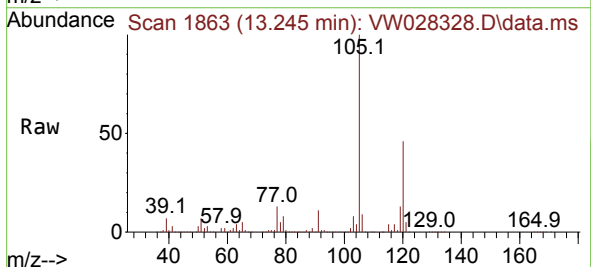
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

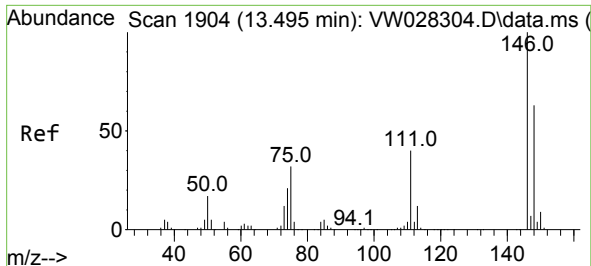
Tgt Ion:105 Resp: 284312
Ion Ratio Lower Upper
105 100
120 48.3 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 27.279 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion:105 Resp: 343670
Ion Ratio Lower Upper
105 100
120 45.3 35.6 53.4

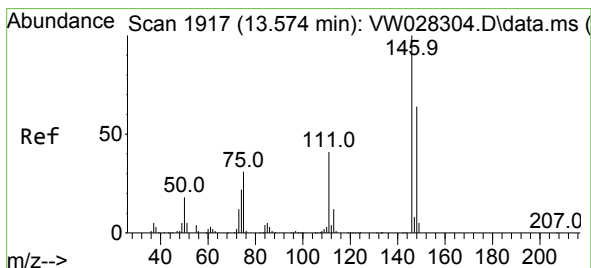
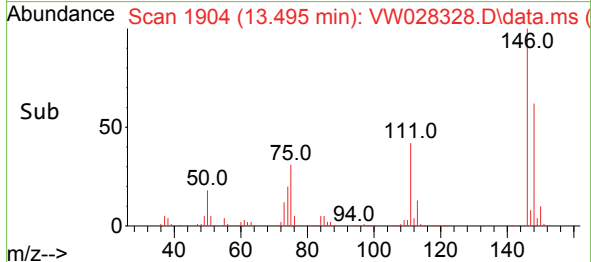
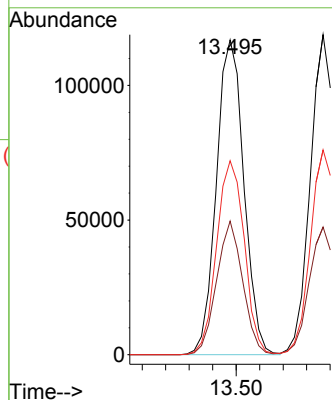
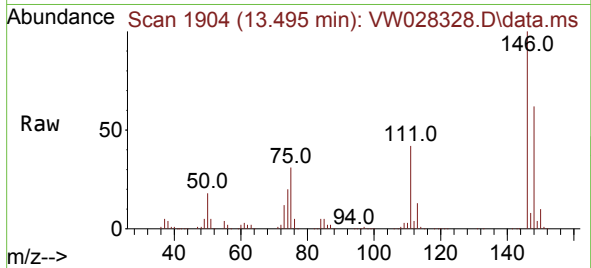




#64
1,3-Dichlorobenzene
Concen: 27.455 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

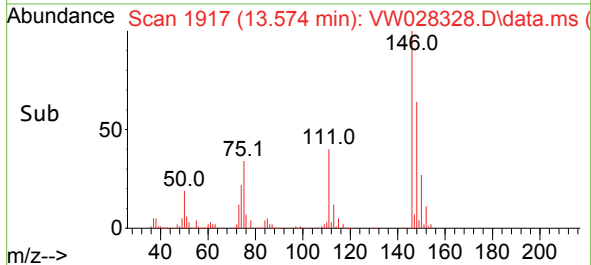
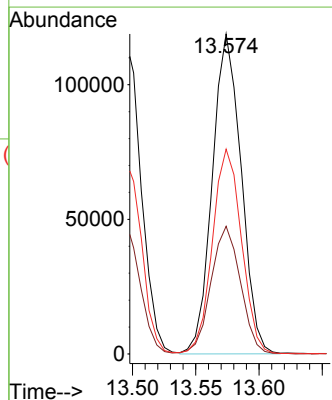
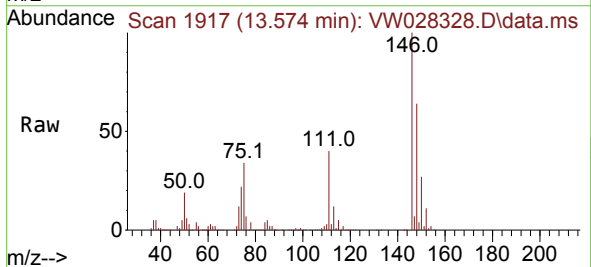
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

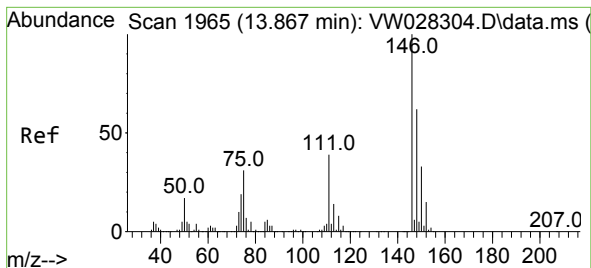
Tgt Ion:146 Resp: 190465
Ion Ratio Lower Upper
146 100
111 42.4 28.5 52.9
148 61.6 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 27.172 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion:146 Resp: 188488
Ion Ratio Lower Upper
146 100
111 39.9 28.8 53.6
148 64.0 45.3 84.1

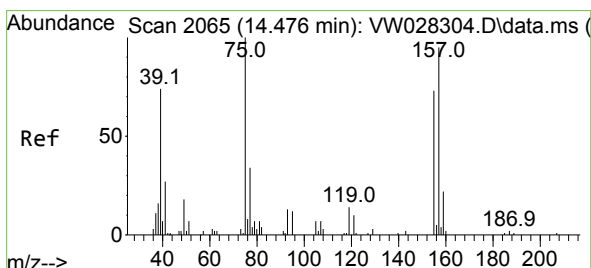
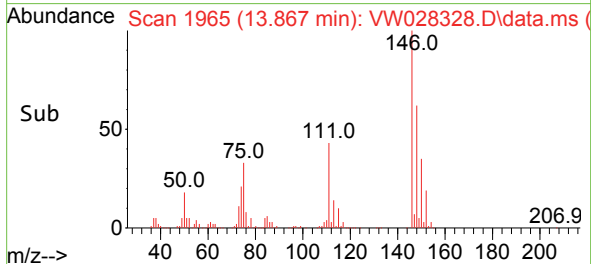
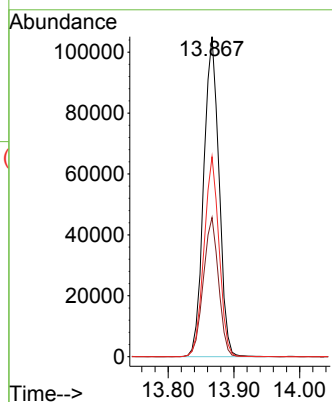
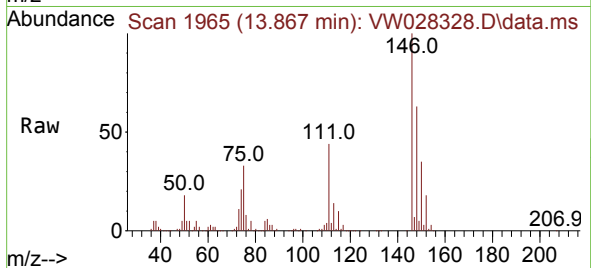




#67
1,2-Dichlorobenzene
Concen: 28.381 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

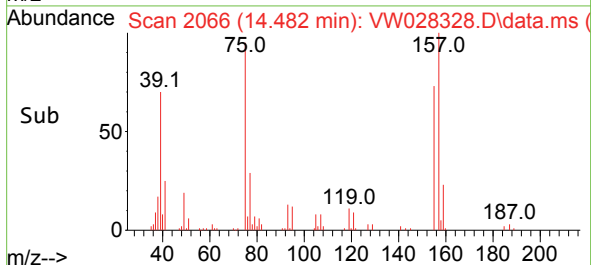
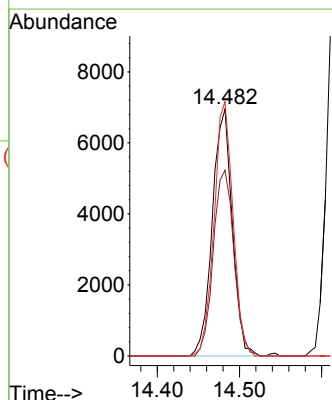
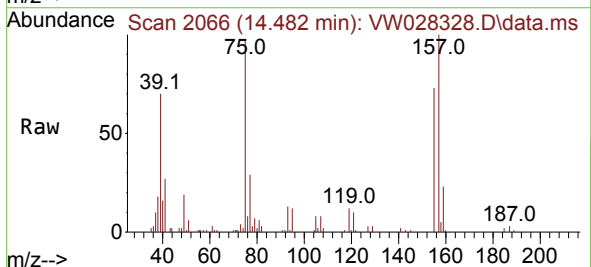
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

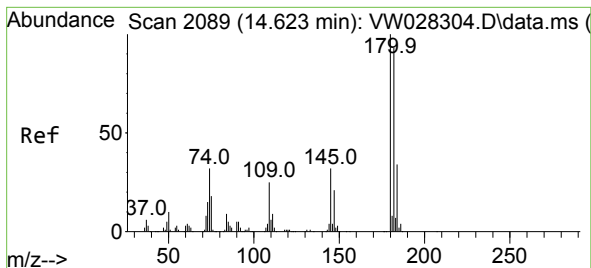
Tgt Ion:146 Resp: 169550
Ion Ratio Lower Upper
146 100
111 43.5 34.2 51.2
148 62.5 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 25.093 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW028328.D
Acq: 05 Apr 2024 09:50

Tgt Ion: 75 Resp: 11774
Ion Ratio Lower Upper
75 100
155 75.2 61.1 91.7
157 103.0 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 27.071 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

Tgt Ion:180 Resp: 130814

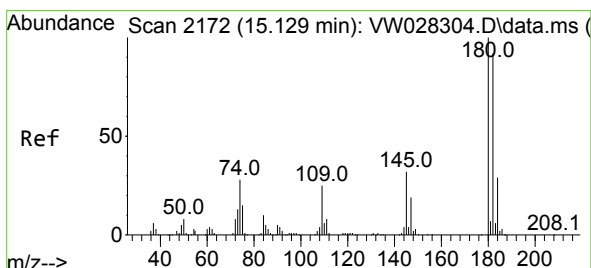
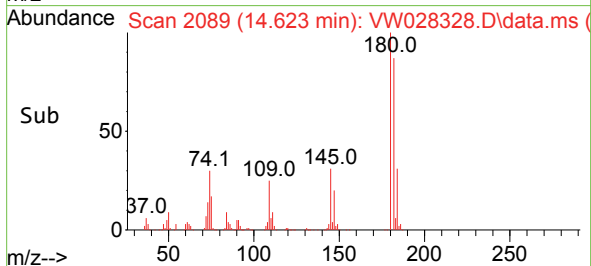
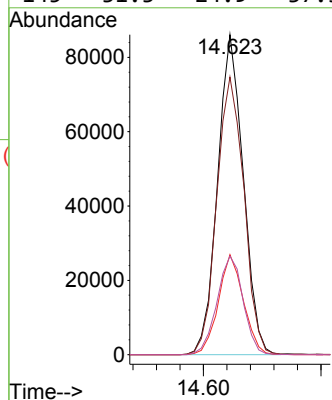
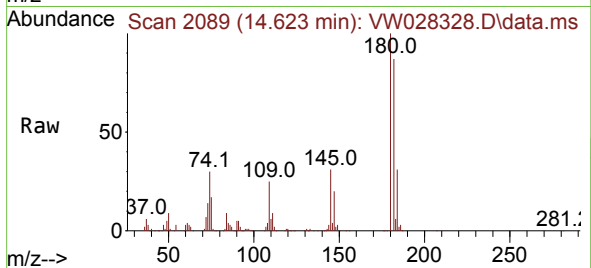
Ion Ratio Lower Upper

180 100

182 91.5 76.6 114.8

184 30.5 23.5 35.3

145 31.3 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 25.361 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

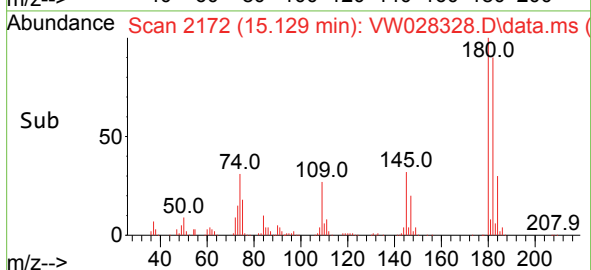
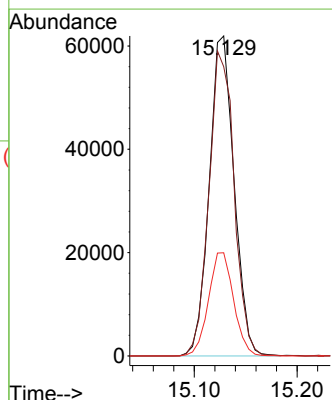
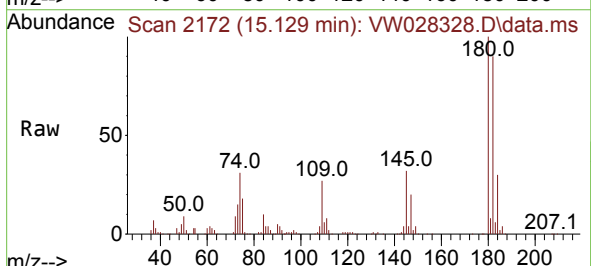
Tgt Ion:180 Resp: 104111

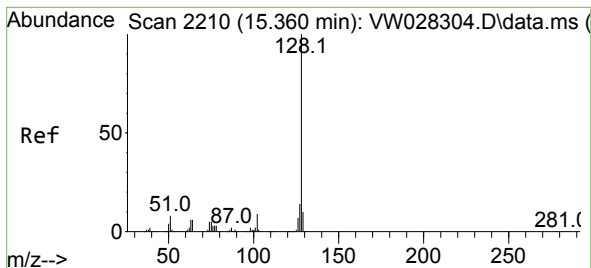
Ion Ratio Lower Upper

180 100

182 96.6 73.8 110.8

145 32.6 25.0 37.6





#71

Naphthalene

Concen: 26.775 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

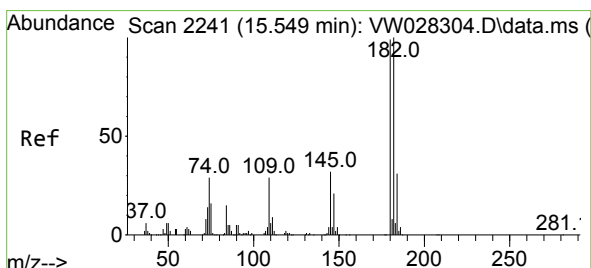
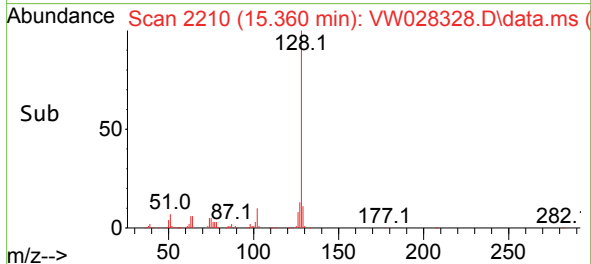
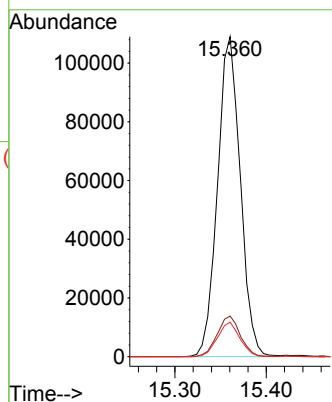
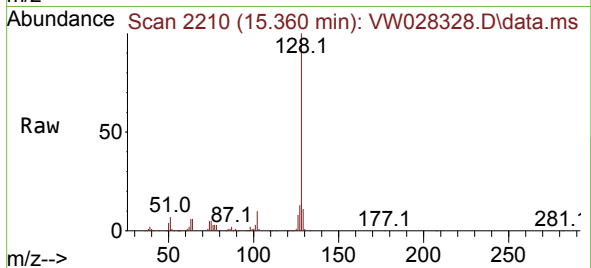
Tgt Ion:128 Resp: 188658

Ion Ratio Lower Upper

128 100

127 12.9 10.9 16.3

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 26.876 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028328.D

Acq: 05 Apr 2024 09:50

Tgt Ion:180 Resp: 90953

Ion Ratio Lower Upper

180 100

182 92.3 76.0 114.0

145 33.9 27.1 40.7

