

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032924\
 Data File : VW028274.D
 Acq On : 29 Mar 2024 09:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Quant Time: Mar 30 00:48:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 23:31:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	250963	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	221014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110796	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	54072	18.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.640%
7) Chloroethane-d5	2.905	69	44577	21.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	4.021	65	35221	18.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.640%
21) 2-Butanone-d5	7.081	46	39039	45.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.160%
24) Chloroform-d	7.648	84	173195	23.404	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	8.307	65	86998	21.333	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.320%
32) Benzene-d6	8.276	84	327061	24.238	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.960%
36) 1,2-Dichloropropane-d6	9.276	67	98696	25.416	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.680%
41) Toluene-d8	10.319	98	290669	23.354	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	10.575	79	38761	21.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.920%
47) 2-Hexanone-d5	10.922	63	29736	46.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70147	24.454	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	13.849	152	95999	23.785	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	70163	19.272	ug/L	93
3) Chloromethane	2.223	50	54917	21.268	ug/L	99
5) Vinyl chloride	2.375	62	70029	23.993	ug/L	99
6) Bromomethane	2.796	94	42211	24.284	ug/L	99
8) Chloroethane	2.942	64	39835	25.392	ug/L	98
9) Trichlorofluoromethane	3.271	101	83816	23.751	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85957	24.519	ug/L	98
13) Acetone	4.125	43	35607	37.029	ug/L	99
14) Carbon disulfide	4.393	76	223514	22.113	ug/L	98
15) Methyl Acetate	4.673	43	29508	19.922	ug/L	99
16) Methylene chloride	4.917	84	81104	21.233	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	48945	14.212	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	119239	22.947	ug/L	98
19) 1,1-Dichloroethane	6.216	63	163011	24.449	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	90912	24.441	ug/L	98
22) 2-Butanone	7.167	43	43796	40.114	ug/L	99
23) Bromochloromethane	7.520	128	37080	22.549	ug/L	93
25) Chloroform	7.679	83	164369	23.946	ug/L	99
27) 1,2-Dichloroethane	8.398	62	102384	21.122	ug/L #	95

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 Response via : Initial Calibration

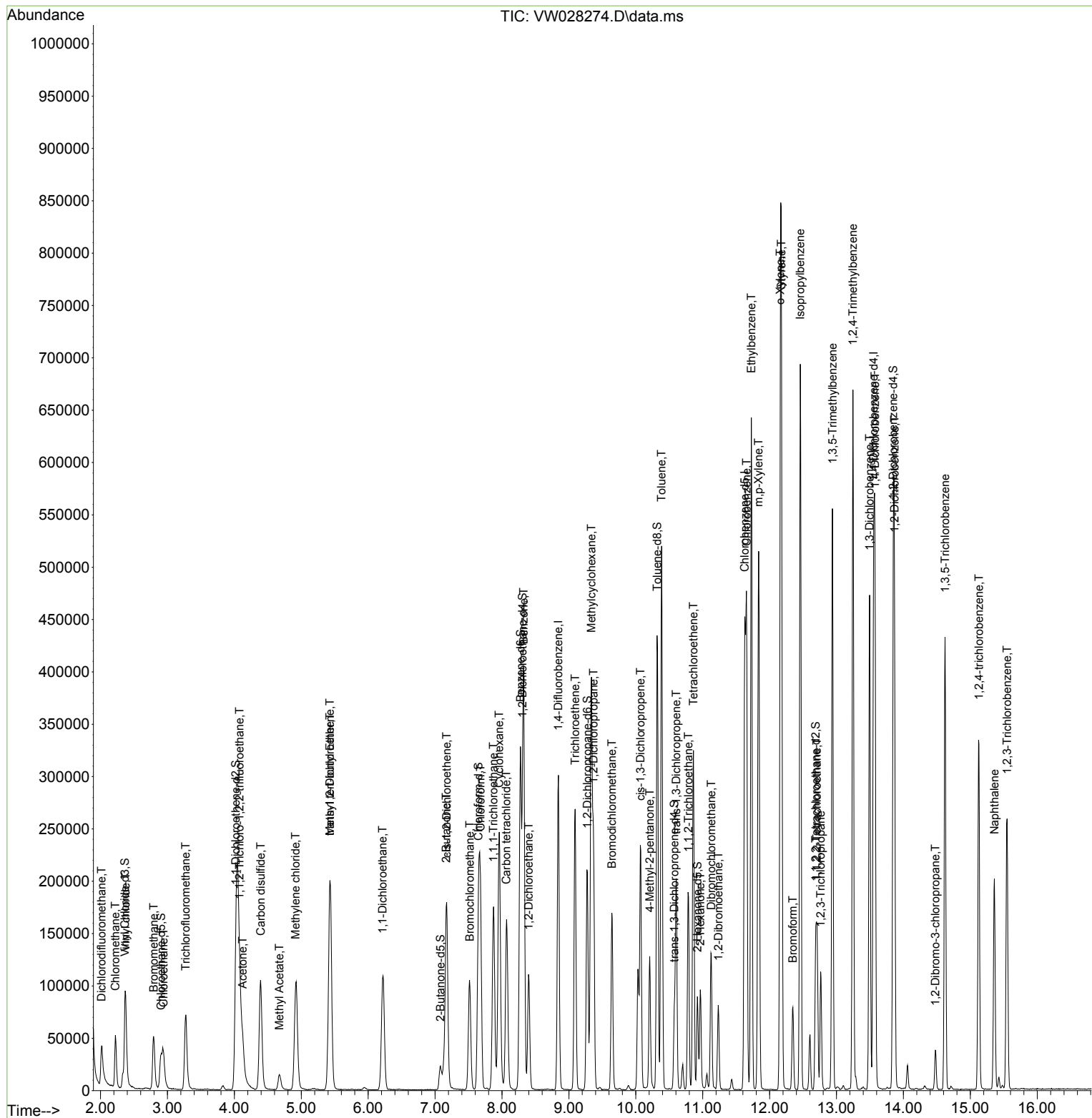
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	146287	25.376	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	141456	24.416	ug/L	99
31) Carbon tetrachloride	8.063	117	128107	23.574	ug/L	97
33) Benzene	8.325	78	346632	25.487	ug/L	100
34) Trichloroethene	9.093	95	93953	24.761	ug/L	92
35) Methylcyclohexane	9.337	83	155277	24.210	ug/L	99
37) 1,2-Dichloropropane	9.368	63	89214	25.646	ug/L	99
38) Bromodichloromethane	9.642	83	113300	24.157	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	138233	24.813	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	82500	42.965	ug/L	98
42) Toluene	10.386	91	377830	25.455	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	113071	24.040	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	59837	23.808	ug/L	96
46) Tetrachloroethene	10.861	164	73569	24.053	ug/L	94
48) 2-Hexanone	10.965	43	60874	40.471	ug/L	97
49) Dibromochloromethane	11.129	129	71600	24.054	ug/L	100
50) 1,2-Dibromoethane	11.233	107	55213	22.974	ug/L	96
51) Chlorobenzene	11.654	112	237669	25.227	ug/L	98
52) Ethylbenzene	11.727	91	433416	25.014	ug/L	98
53) m,p-Xylene	11.837	106	164056	25.160	ug/L	97
54) o-Xylene	12.160	106	154821	25.604	ug/L	98
55) Styrene	12.178	104	263567	25.377	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	64035	22.275	ug/L	93
59) Bromoform	12.349	173	38251	23.040	ug/L	98
60) Isopropylbenzene	12.459	105	443167	26.921	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	46937	22.197	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	287805	26.057	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	353752	26.524	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	190309	25.913	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	185785	25.299	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	161630	25.557	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	10053	20.239	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	133426	26.082	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	107403	24.714	ug/L	99
71) Naphthalene	15.360	128	171256	22.959	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	87266	24.358	ug/L	95

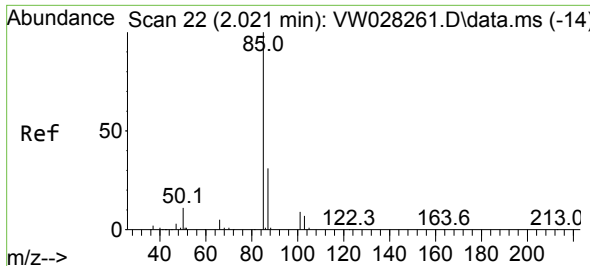
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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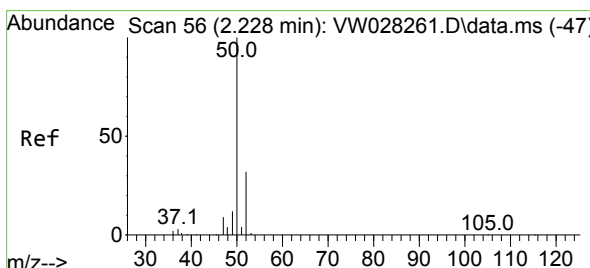
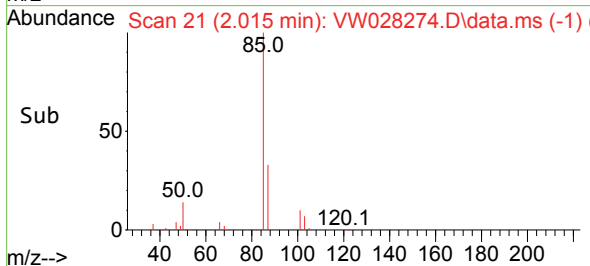
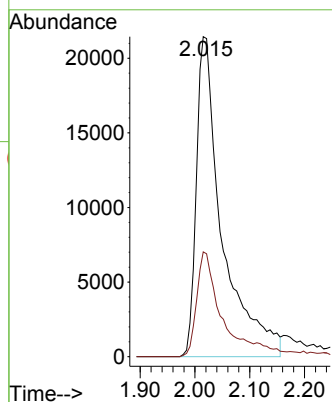
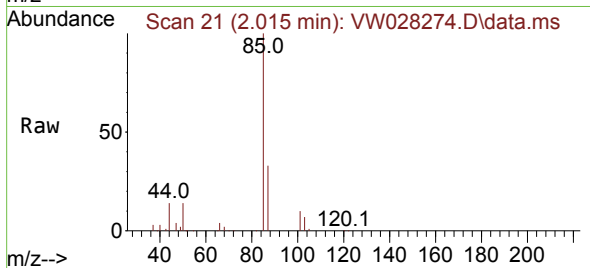




#2
 Dichlorodifluoromethane
 Concen: 19.272 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW028274.D
 Acq: 29 Mar 2024 09:21

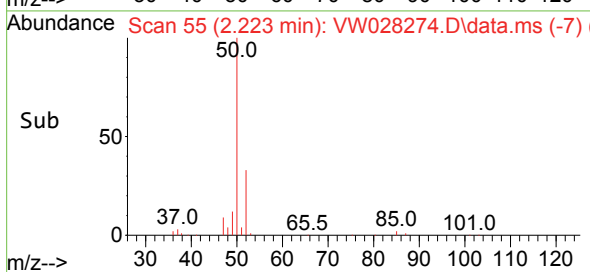
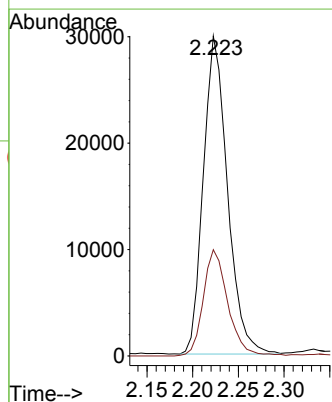
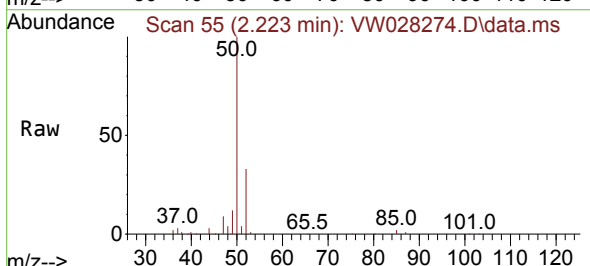
Instrument :
 MSVOA_W
 ClientSampleId :
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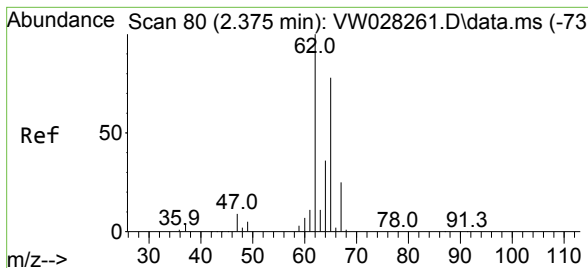
Tgt Ion: 85 Resp: 70163
 Ion Ratio Lower Upper
 85 100
 87 29.7 20.9 31.3



#3
 Chloromethane
 Concen: 21.268 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW028274.D
 Acq: 29 Mar 2024 09:21

Tgt Ion: 50 Resp: 54917
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.7 42.1





#5

Vinyl chloride

Concen: 23.993 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028274.D

Acq: 29 Mar 2024 09:21

Instrument :

MSVOA_W

ClientSampleId :

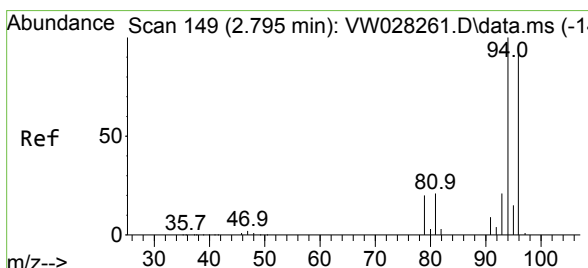
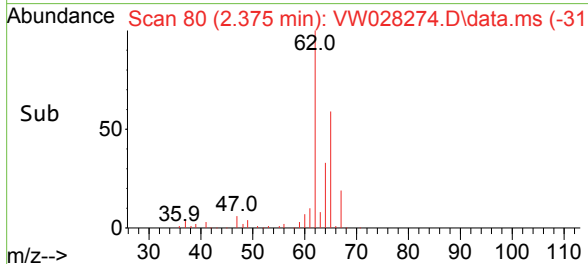
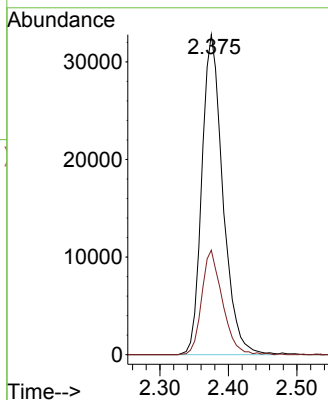
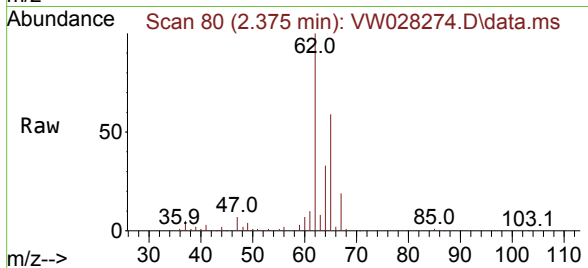
VSTD025531

Tgt Ion: 62 Resp: 70029

Ion Ratio Lower Upper

62 100

64 32.6 22.5 41.7



#6

Bromomethane

Concen: 24.284 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.000 min

Lab File: VW028274.D

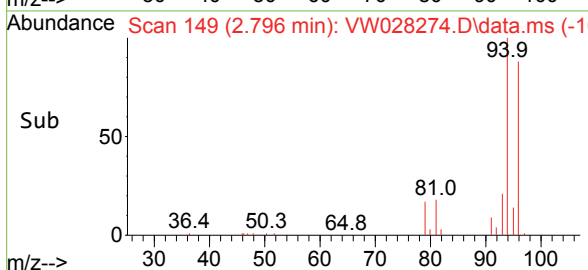
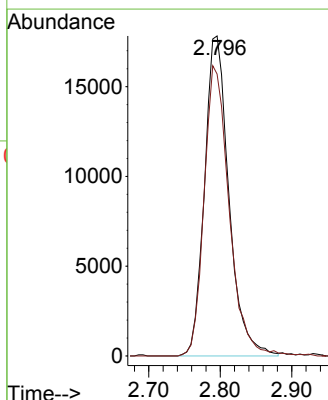
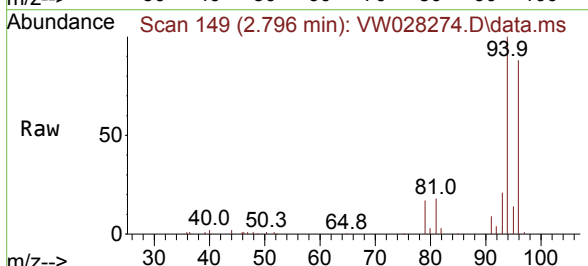
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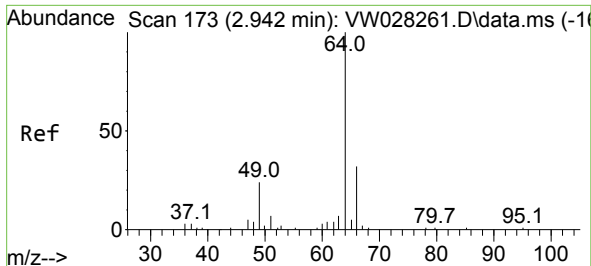
Tgt Ion: 94 Resp: 42211

Ion Ratio Lower Upper

94 100

96 88.1 60.8 113.0

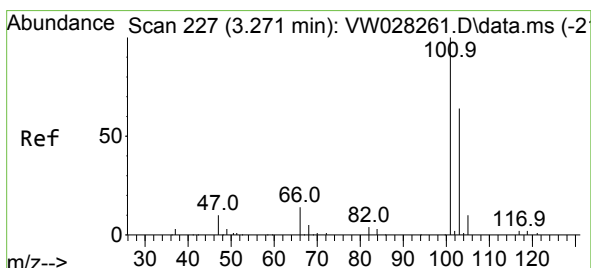
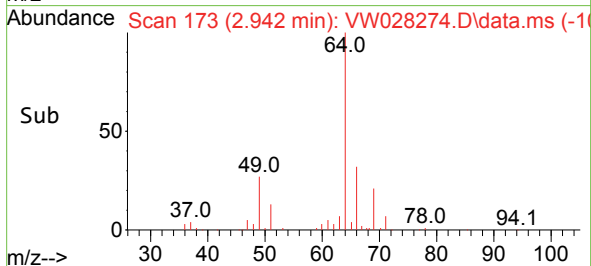
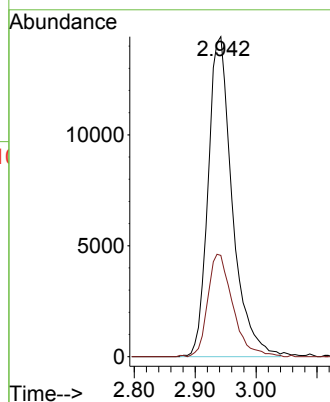
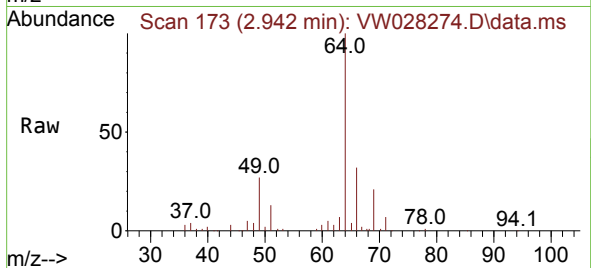




#8
Chloroethane
Concen: 25.392 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

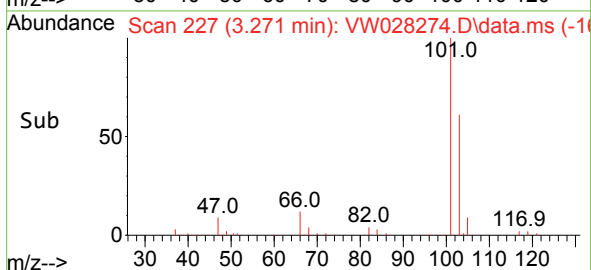
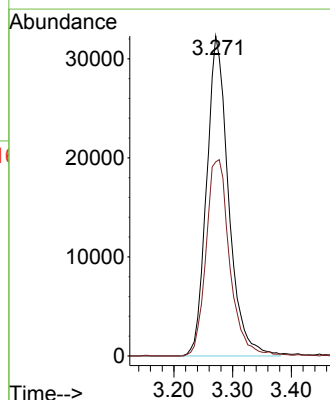
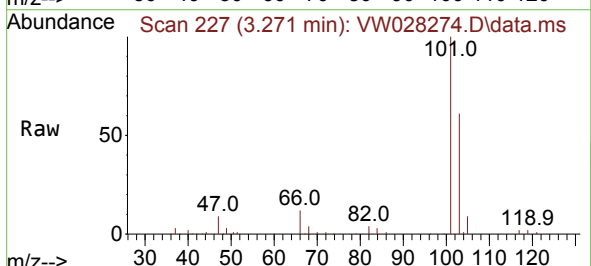
Instrument :
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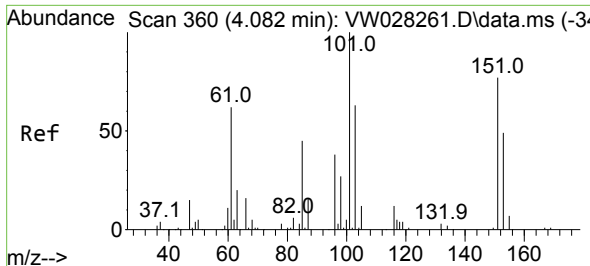
Tgt Ion: 64 Resp: 39835
Ion Ratio Lower Upper
64 100
66 31.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.751 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion: 101 Resp: 83816
Ion Ratio Lower Upper
101 100
103 65.5 50.9 76.3

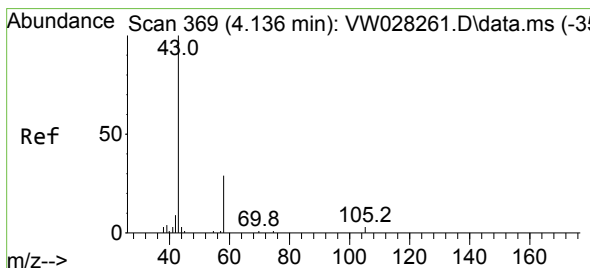
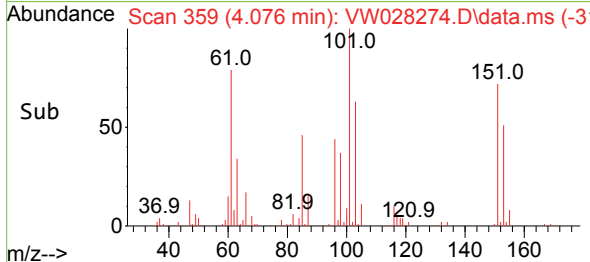
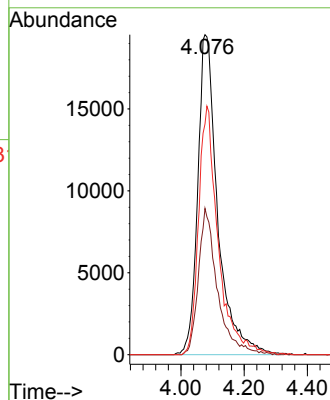
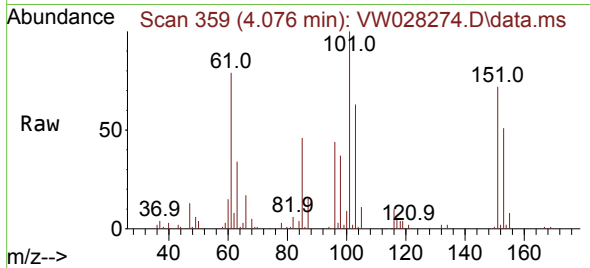




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.519 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW028274.D
 Acq: 29 Mar 2024 09:21

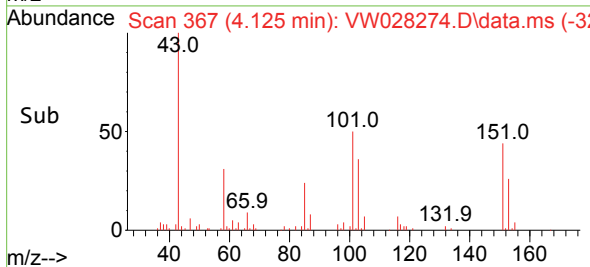
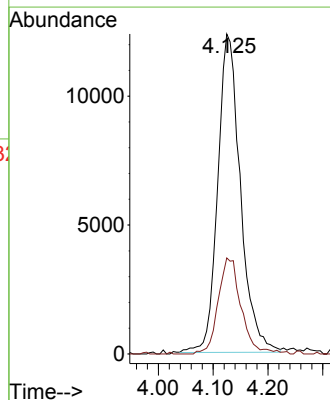
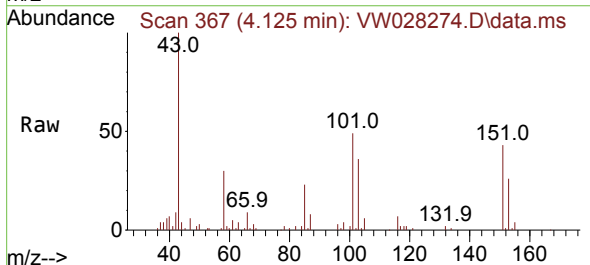
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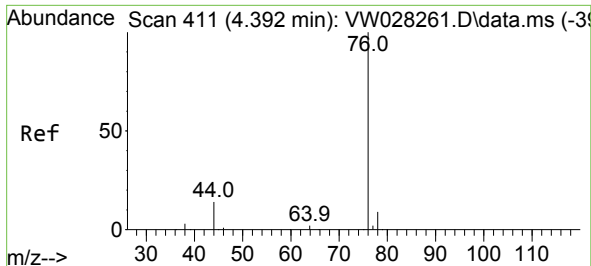
Tgt Ion:101 Resp: 85957
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.4 54.6
 151 73.6 58.4 87.6



#13
 Acetone
 Concen: 37.029 ug/L
 RT: 4.125 min Scan# 367
 Delta R.T. -0.012 min
 Lab File: VW028274.D
 Acq: 29 Mar 2024 09:21

Tgt Ion: 43 Resp: 35607
 Ion Ratio Lower Upper
 43 100
 58 29.5 0.0 57.8

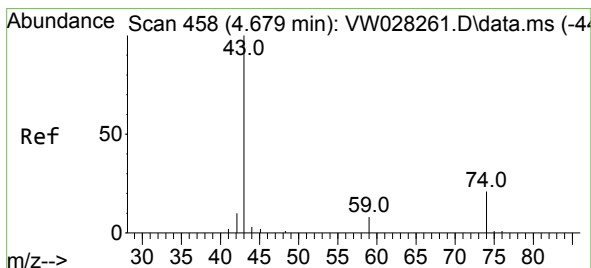
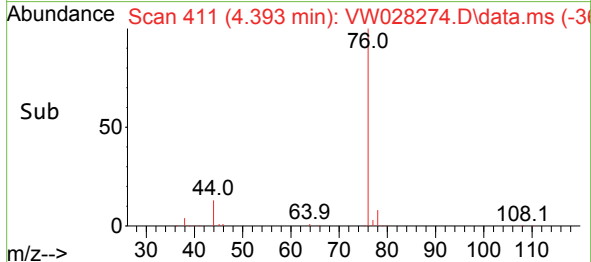
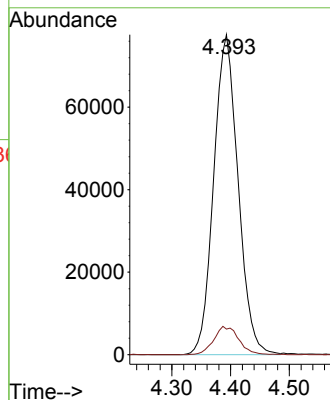
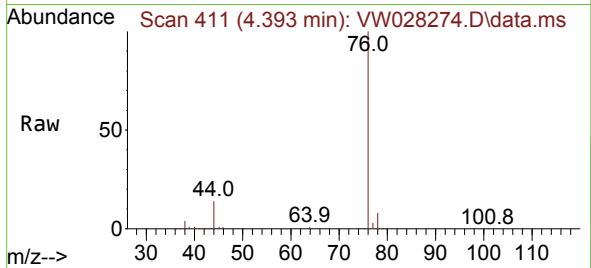




#14
Carbon disulfide
Concen: 22.113 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028274.D
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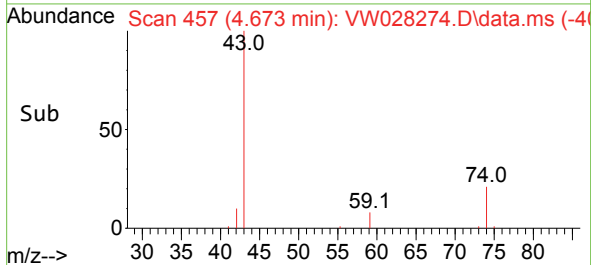
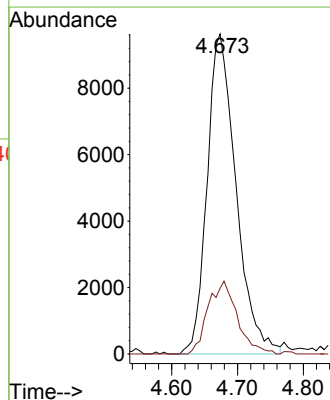
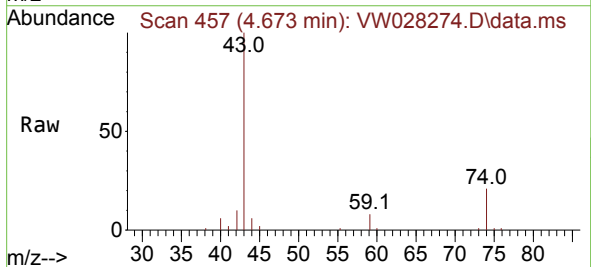
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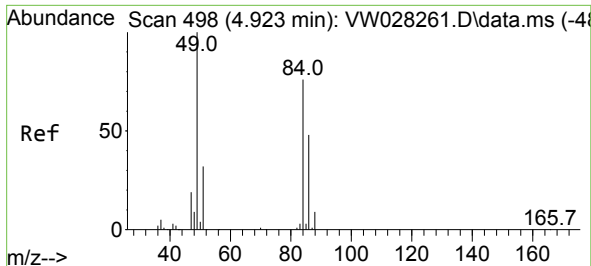
Tgt Ion: 76 Resp: 223514
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



#15
Methyl Acetate
Concen: 19.922 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 29508
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.2

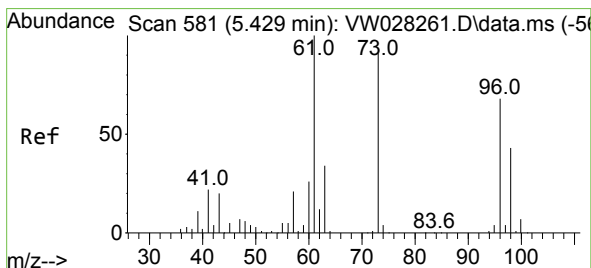
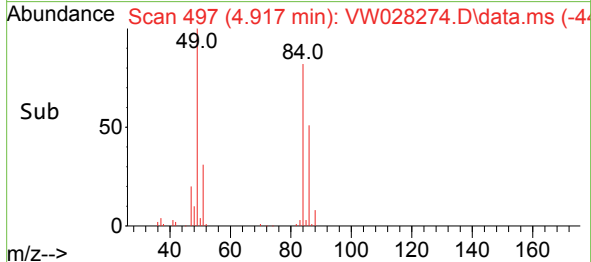
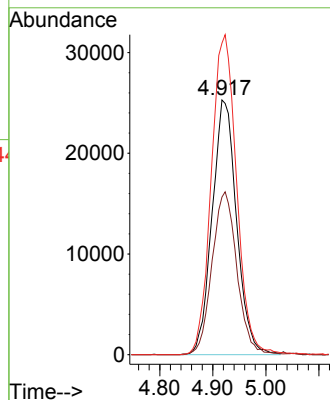
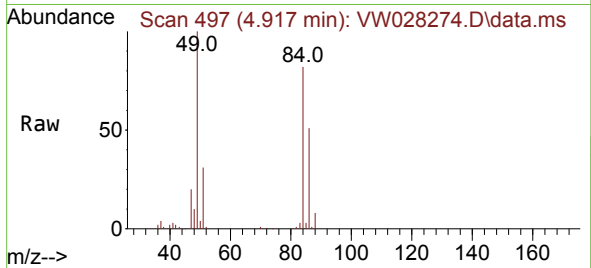




#16
Methylene chloride
Concen: 21.233 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

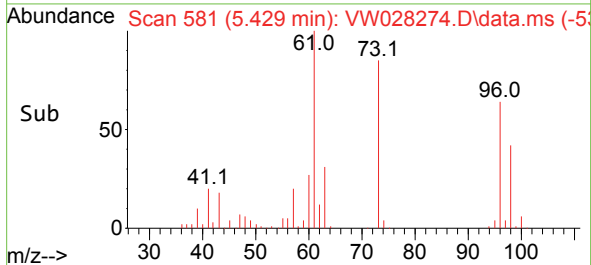
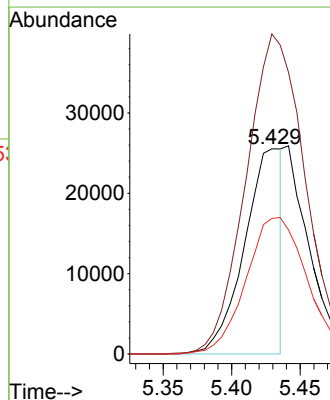
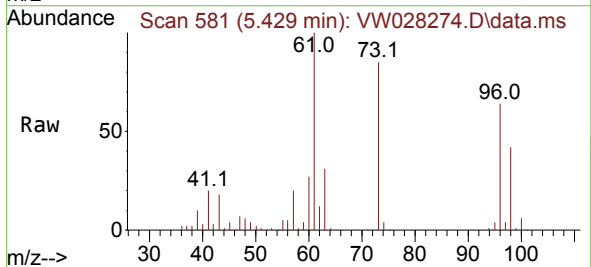
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

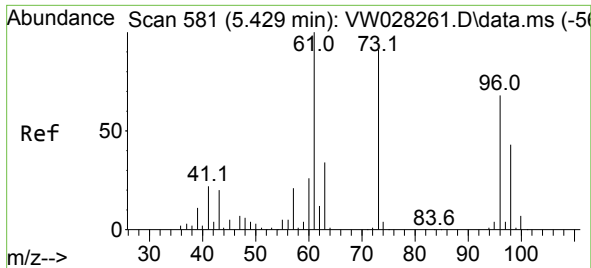
Tgt Ion: 84 Resp: 81104
Ion Ratio Lower Upper
84 100
86 61.8 43.1 80.1
49 122.3 89.4 166.0



#17
trans-1,2-Dichloroethene
Concen: 14.212 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion: 96 Resp: 48945
Ion Ratio Lower Upper
96 100
61 156.0 98.4 182.8
98 66.1 45.6 84.8

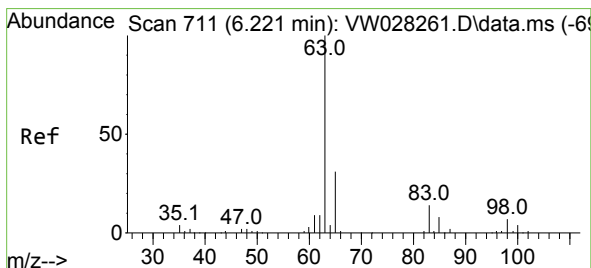
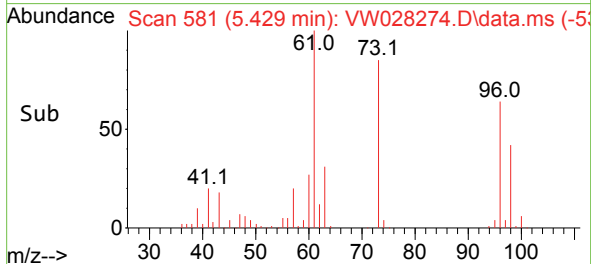
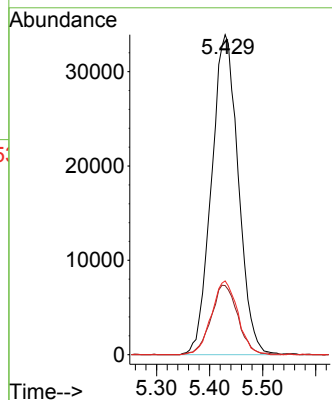
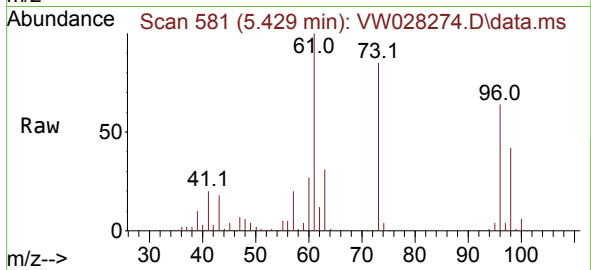




#18
Methyl tert-butyl Ether
Concen: 22.947 ug/L
RT: 5.429 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

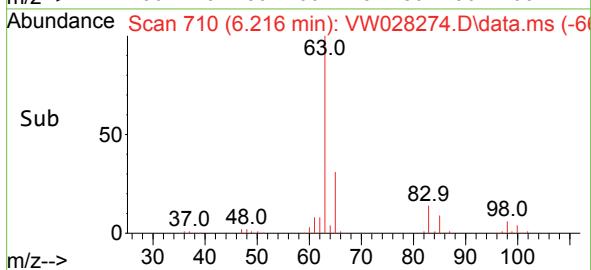
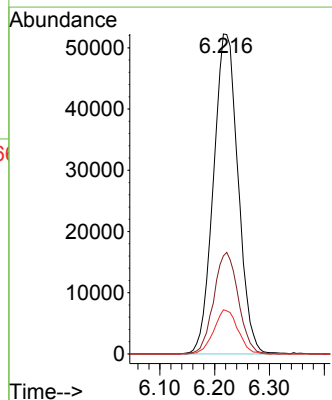
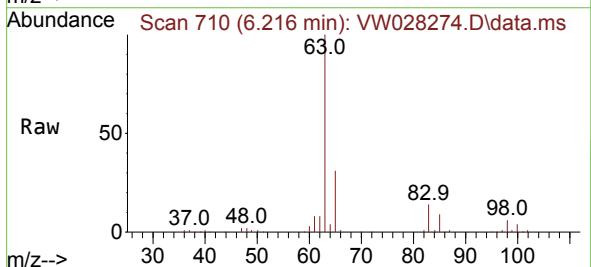
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

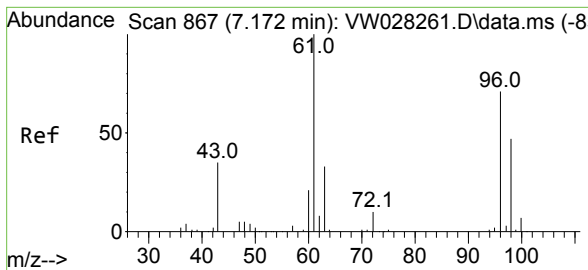
Tgt Ion: 73 Resp: 119239
Ion Ratio Lower Upper
73 100
43 21.7 18.2 27.4
57 22.6 17.4 26.2



#19
1,1-Dichloroethane
Concen: 24.449 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion: 63 Resp: 163011
Ion Ratio Lower Upper
63 100
65 30.7 22.1 41.1
83 13.8 9.0 16.6

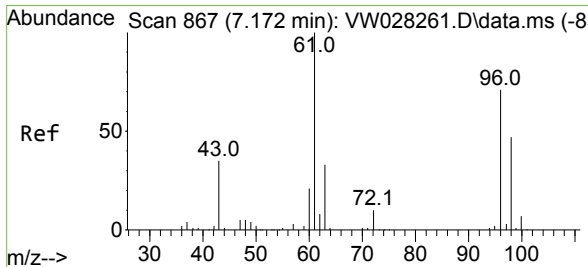
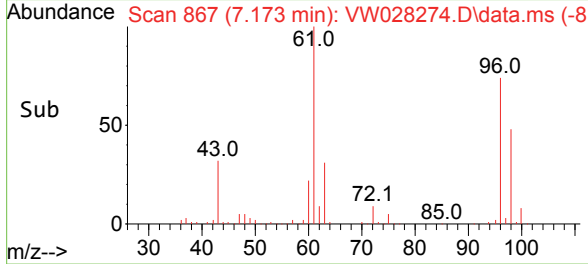
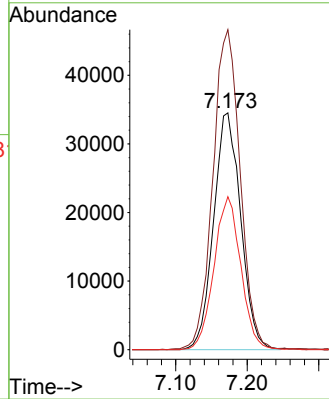
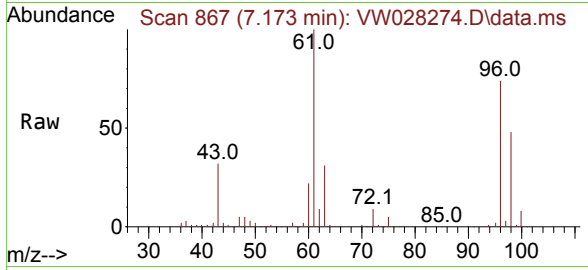




#20
 cis-1,2-Dichloroethene
 Concen: 24.441 ug/L
 RT: 7.173 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028274.D
 Acq: 29 Mar 2024 09:21

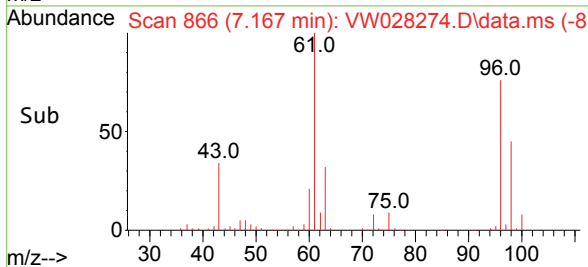
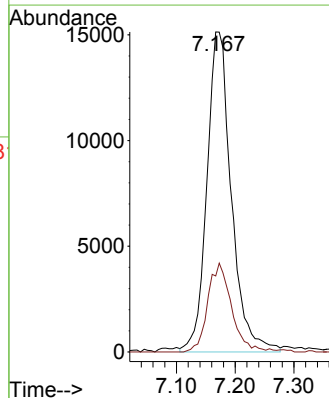
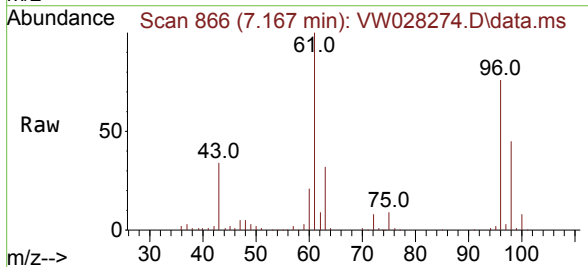
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

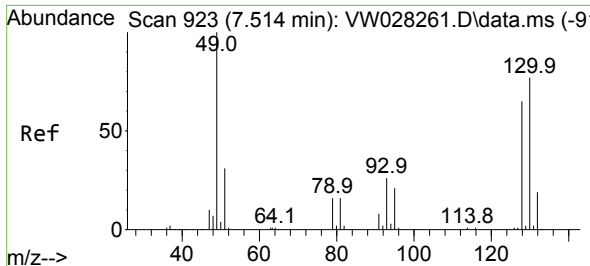
Tgt Ion: 96 Resp: 90912
 Ion Ratio Lower Upper
 96 100
 61 135.2 95.7 177.7
 98 64.6 43.9 81.5



#22
 2-Butanone
 Concen: 40.114 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW028274.D
 Acq: 29 Mar 2024 09:21

Tgt Ion: 43 Resp: 43796
 Ion Ratio Lower Upper
 43 100
 72 26.2 12.8 38.4

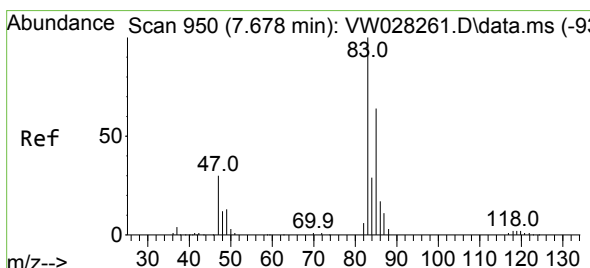
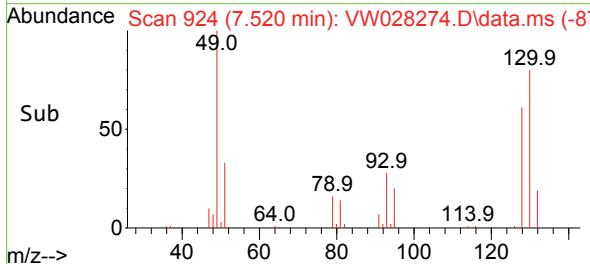
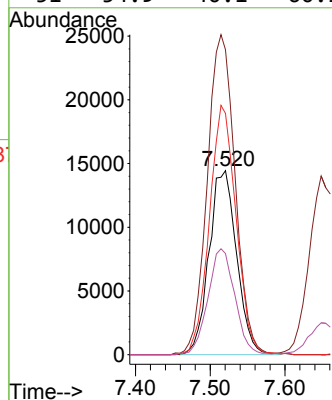
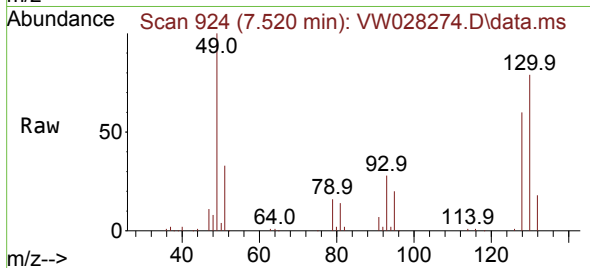




#23
Bromochloromethane
Concen: 22.549 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.007 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

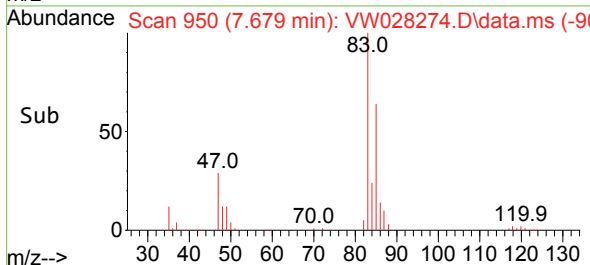
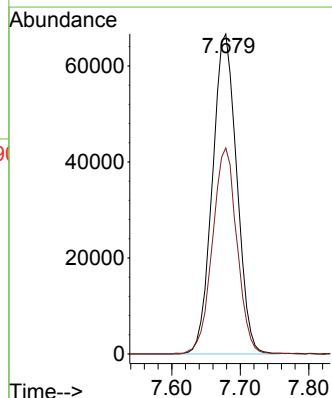
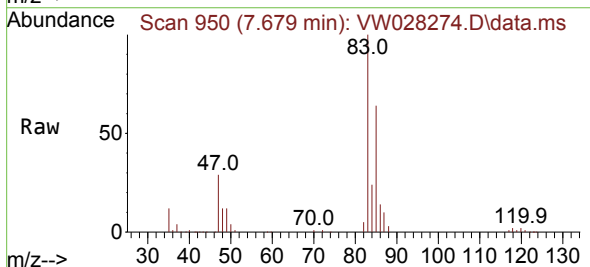
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

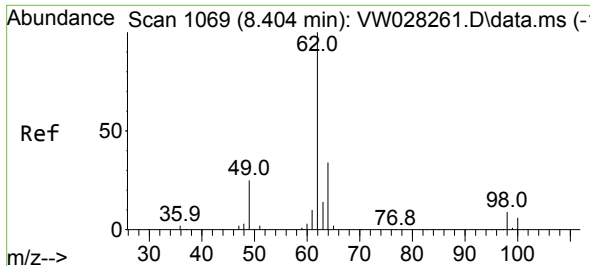
Tgt Ion:128	Resp:	37080
Ion	Ratio	Lower Upper
128	100	
49	165.8	116.6 216.6
130	131.2	80.1 148.7
51	54.9	40.1 60.1



#25
Chloroform
Concen: 23.946 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion: 83	Resp:	164369
Ion	Ratio	Lower Upper
83	100	
85	64.4	44.5 82.7

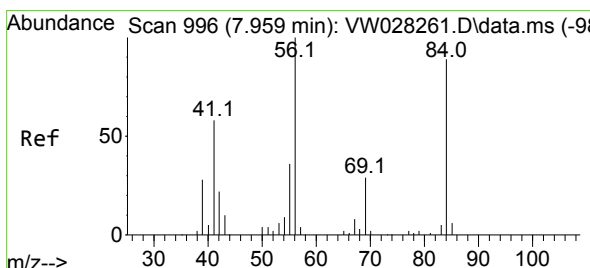
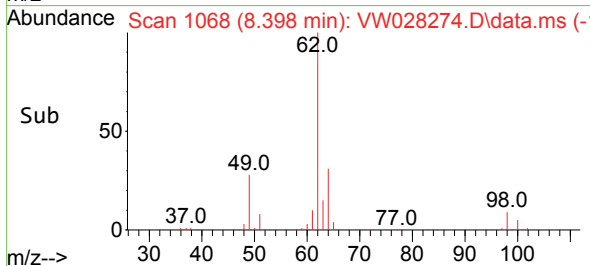
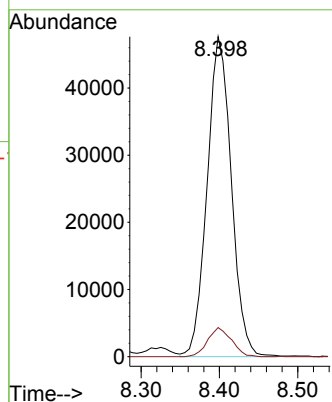
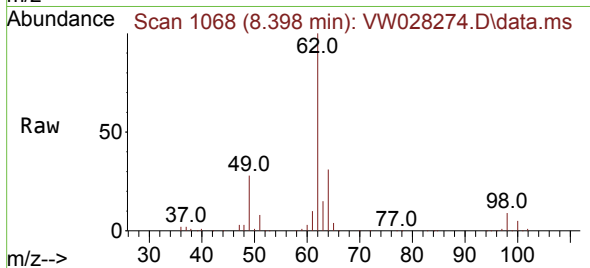




#27
1,2-Dichloroethane
Concen: 21.122 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

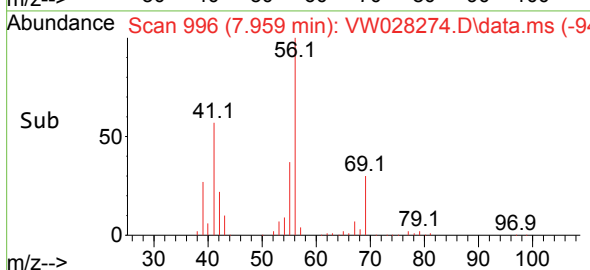
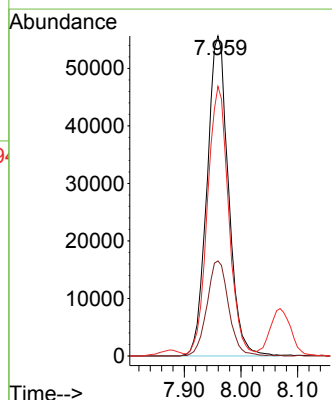
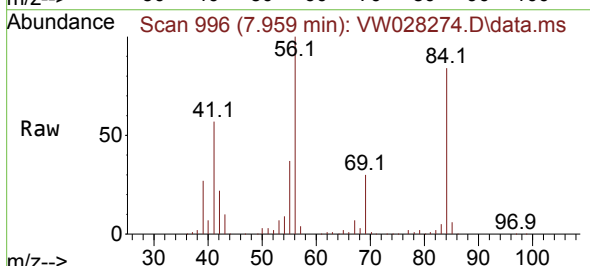
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

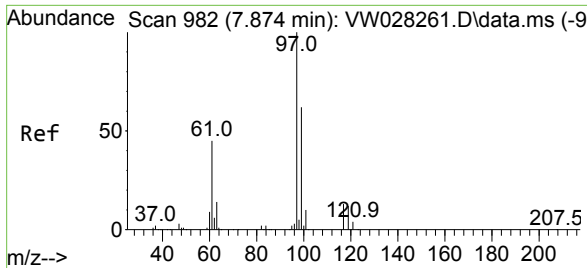
Tgt Ion: 62 Resp: 102384
Ion Ratio Lower Upper
62 100
98 9.1 5.9 8.9#



#29
Cyclohexane
Concen: 25.376 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion: 56 Resp: 146287
Ion Ratio Lower Upper
56 100
69 30.0 24.0 36.0
84 83.4 68.4 102.6

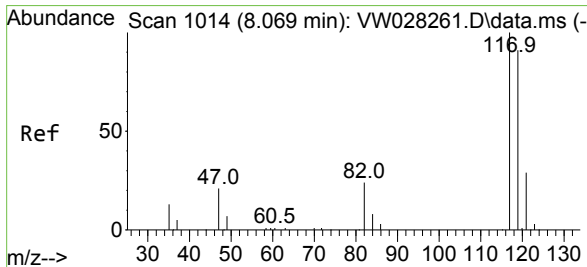
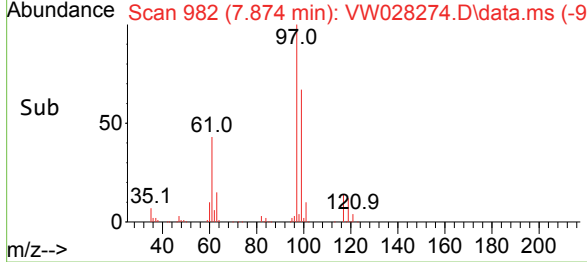
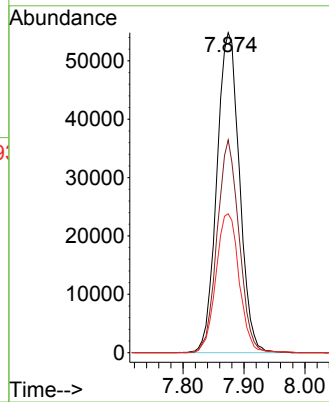
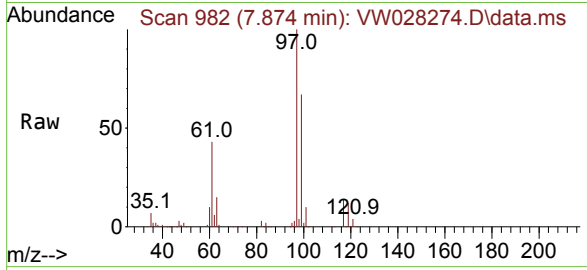




#30
1,1,1-Trichloroethane
Concen: 24.416 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

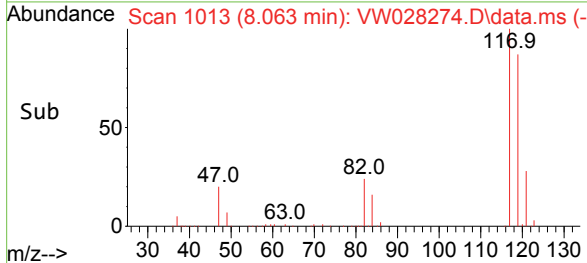
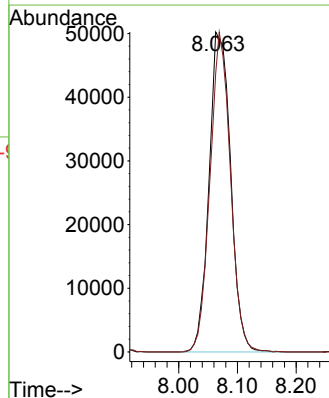
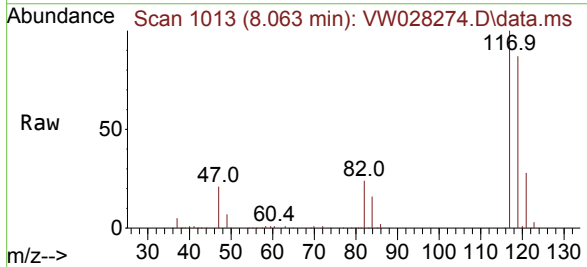
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

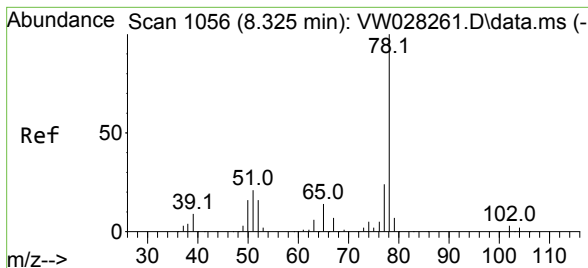
Tgt Ion: 97 Resp: 141456
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 44.6 37.0 55.6



#31
Carbon tetrachloride
Concen: 23.574 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion: 117 Resp: 128107
Ion Ratio Lower Upper
117 100
119 94.4 78.2 117.4





#33

Benzene

Concen: 25.487 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW028274.D

Acq: 29 Mar 2024 09:21

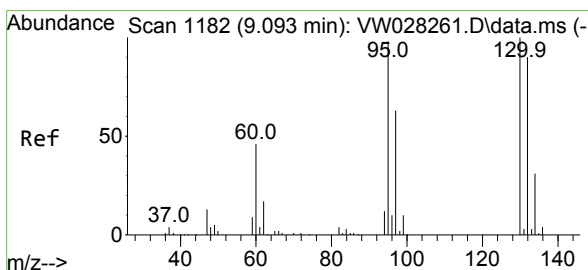
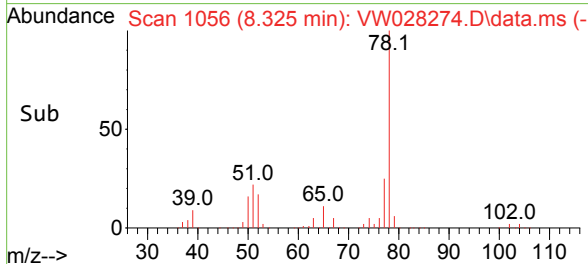
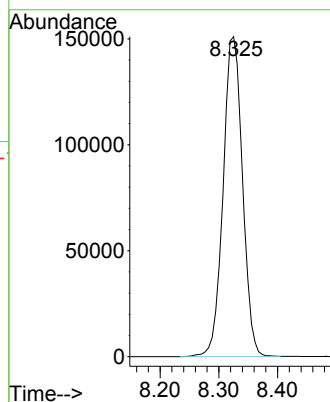
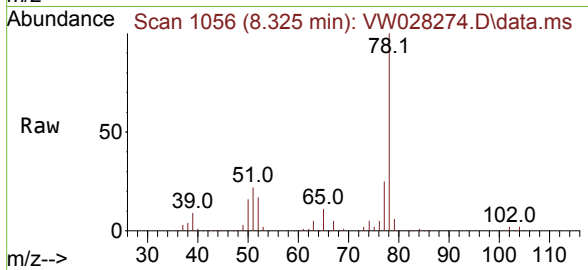
Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

Tgt Ion: 78 Resp: 346632



#34

Trichloroethene

Concen: 24.761 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028274.D

Acq: 29 Mar 2024 09:21

Tgt Ion: 95 Resp: 93953

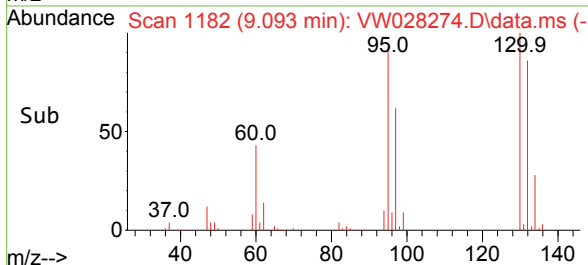
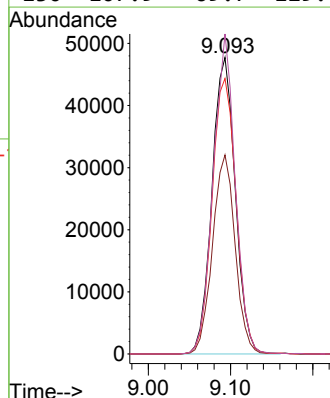
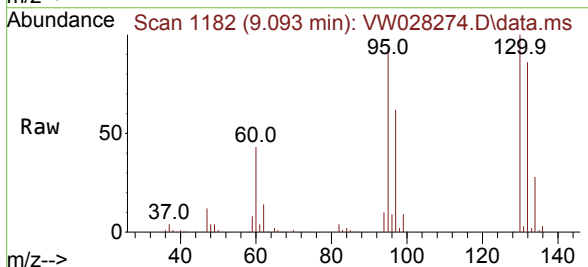
Ion Ratio Lower Upper

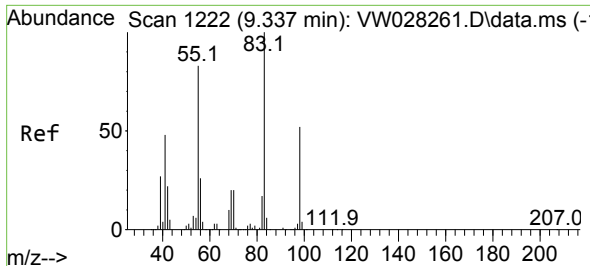
95 100

97 67.1 42.4 78.6

132 92.9 69.4 128.8

130 107.9 69.7 129.4

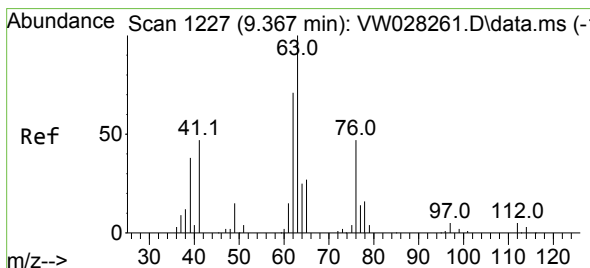
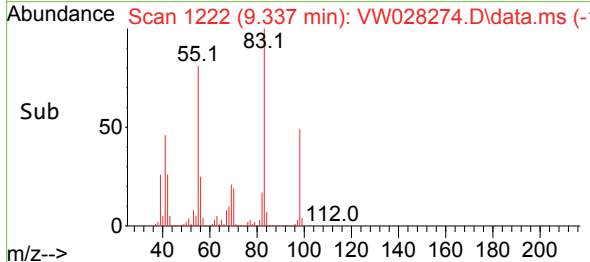
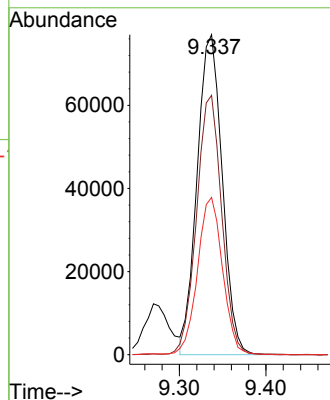
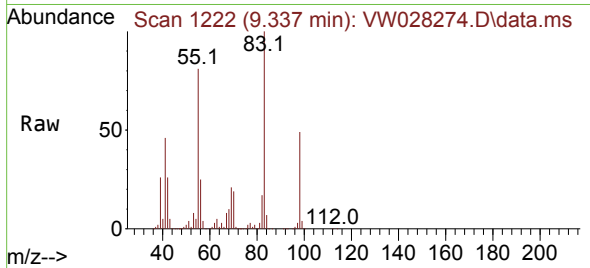




#35
Methylcyclohexane
Concen: 24.210 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

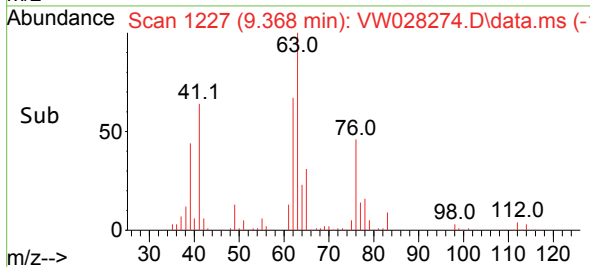
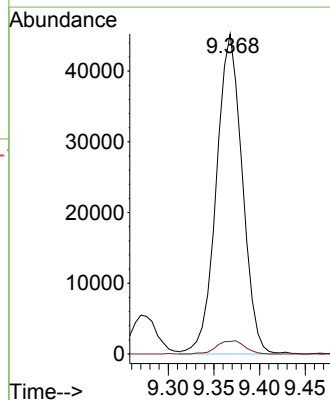
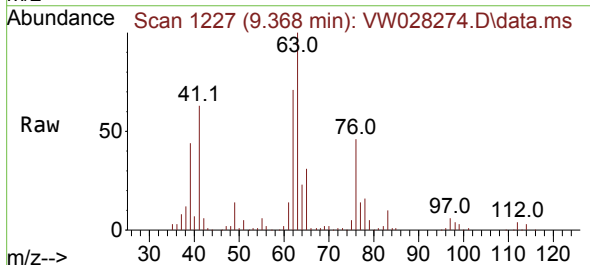
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

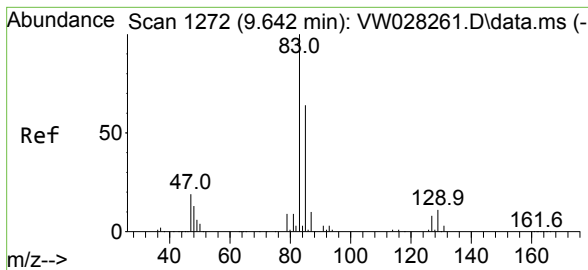
Tgt Ion: 83 Resp: 155277
Ion Ratio Lower Upper
83 100
55 81.0 64.2 96.4
98 49.0 38.3 57.5



#37
1,2-Dichloropropane
Concen: 25.646 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion: 63 Resp: 89214
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.8

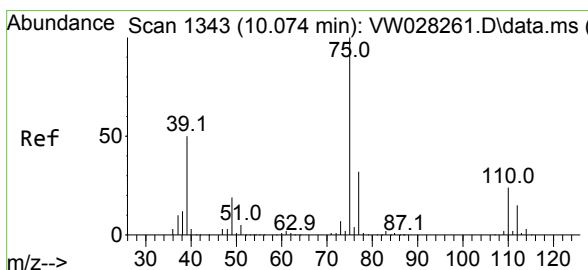
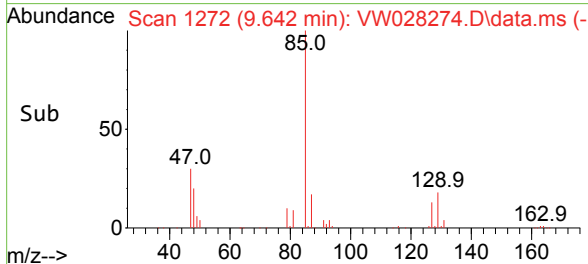
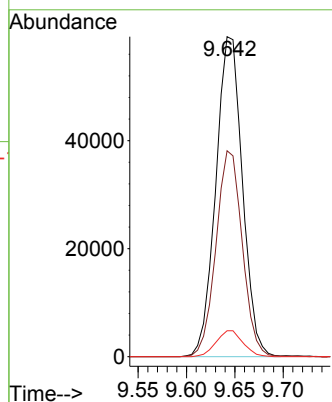
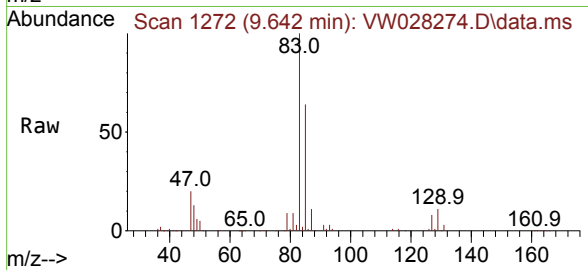




#38
Bromodichloromethane
Concen: 24.157 ug/L
RT: 9.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

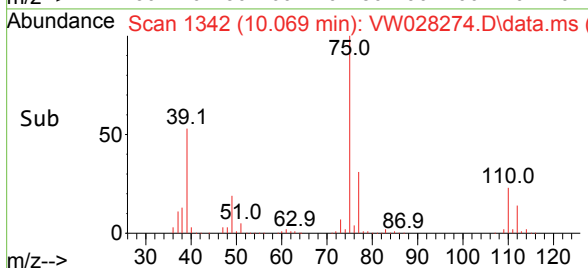
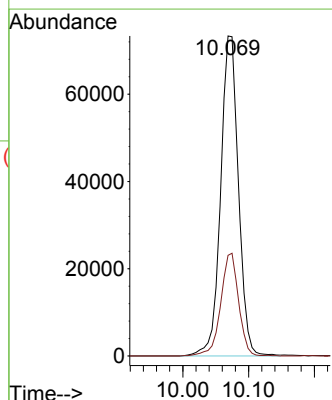
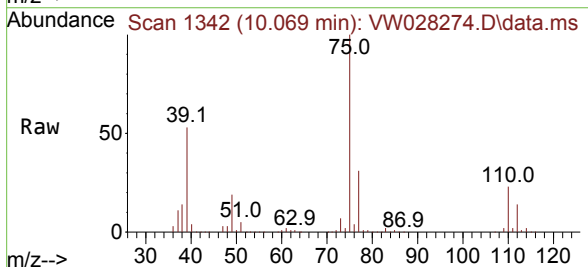
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

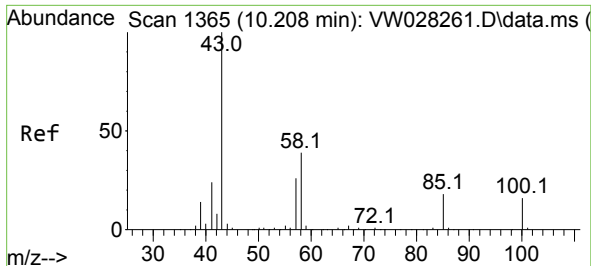
Tgt Ion: 83 Resp: 113300
Ion Ratio Lower Upper
83 100
85 64.3 45.8 85.2
127 8.1 6.5 9.7



#39
cis-1,3-Dichloropropene
Concen: 24.813 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion: 75 Resp: 138233
Ion Ratio Lower Upper
75 100
77 31.5 22.5 41.7

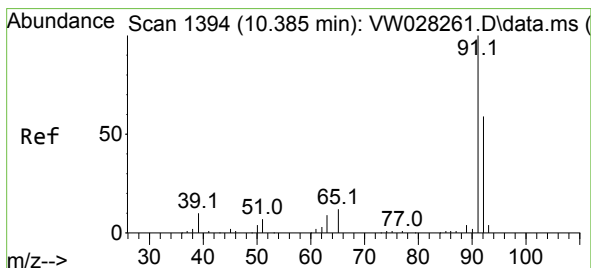
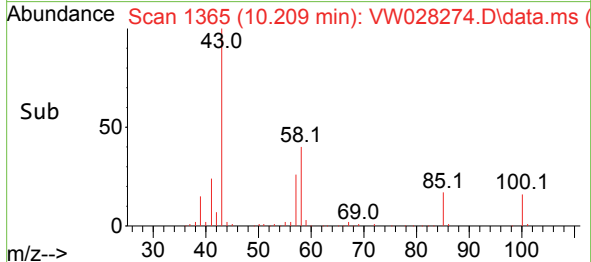
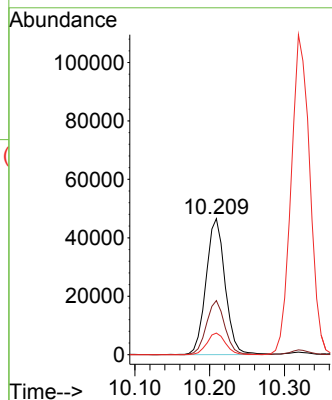
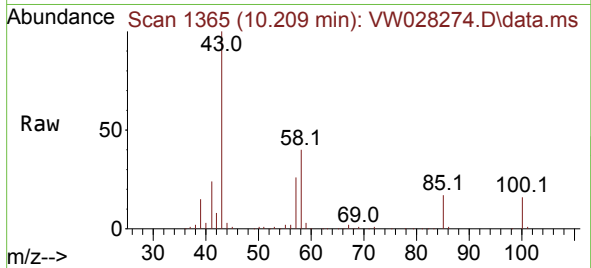




#40
4-Methyl-2-pentanone
Concen: 42.965 ug/L
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

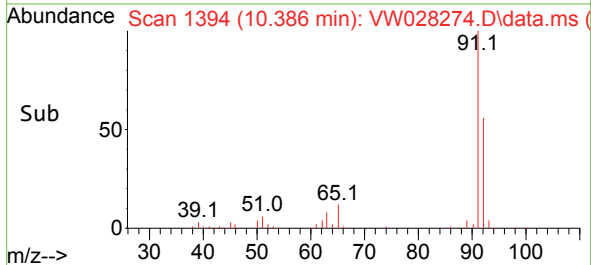
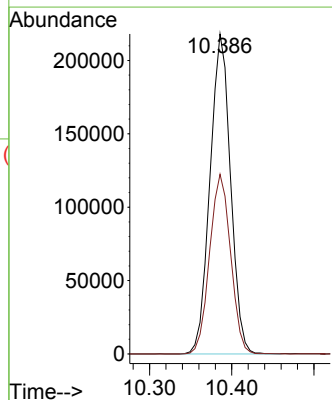
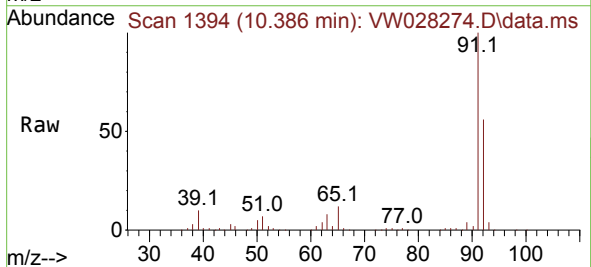
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

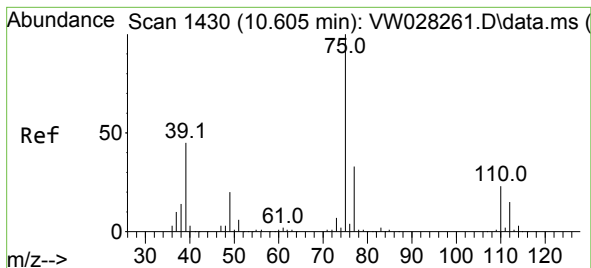
Tgt Ion: 43 Resp: 82500
Ion Ratio Lower Upper
43 100
58 38.7 30.1 45.1
100 15.4 11.8 17.8



#42
Toluene
Concen: 25.455 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion: 91 Resp: 377830
Ion Ratio Lower Upper
91 100
92 56.1 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 24.040 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028274.D

Acq: 29 Mar 2024 09:21

Instrument :

MSVOA_W

ClientSampleId :

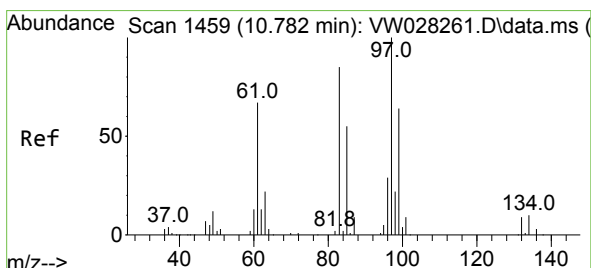
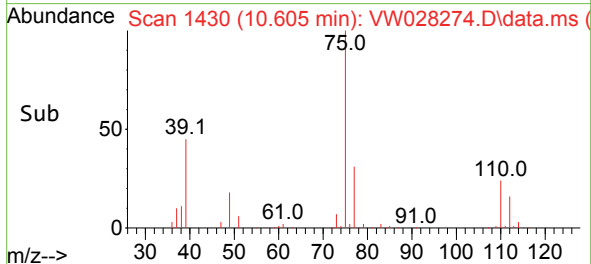
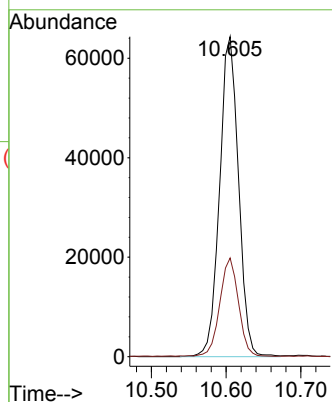
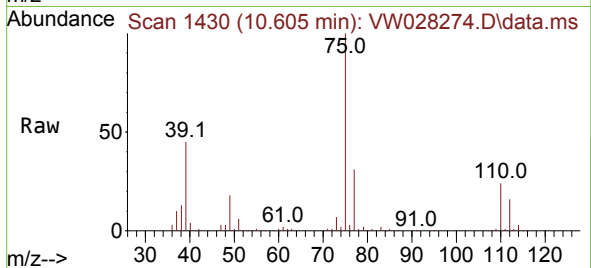
VSTD025531

Tgt Ion: 75 Resp: 113071

Ion Ratio Lower Upper

75 100

77 30.9 23.0 42.6



#45

1,1,2-Trichloroethane

Concen: 23.808 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.007 min

Lab File: VW028274.D

Acq: 29 Mar 2024 09:21

Tgt Ion: 97 Resp: 59837

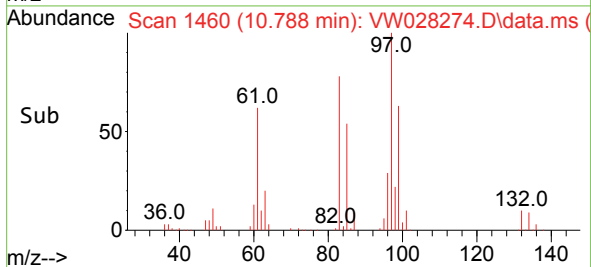
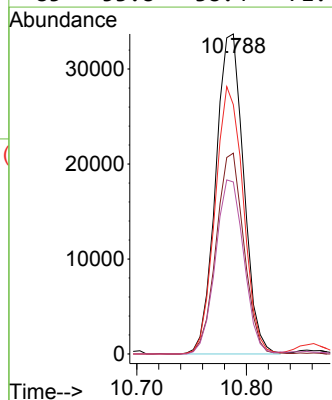
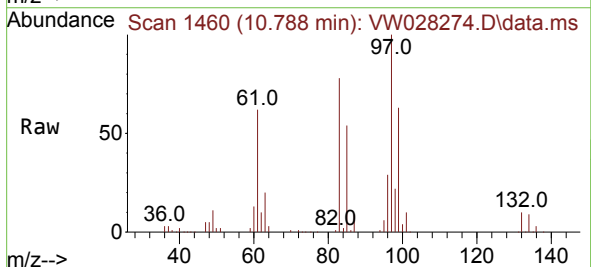
Ion Ratio Lower Upper

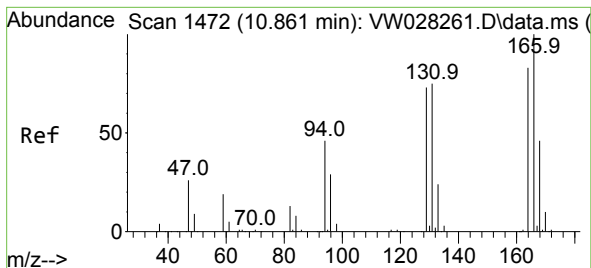
97 100

99 62.7 43.4 80.6

83 77.9 59.4 110.4

85 53.8 38.4 71.4





#46

Tetrachloroethene

Concen: 24.053 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028274.D

Acq: 29 Mar 2024 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

Tgt Ion:164 Resp: 73569

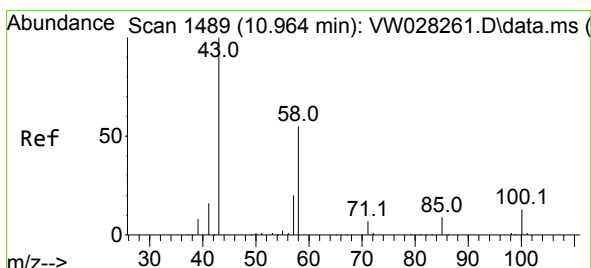
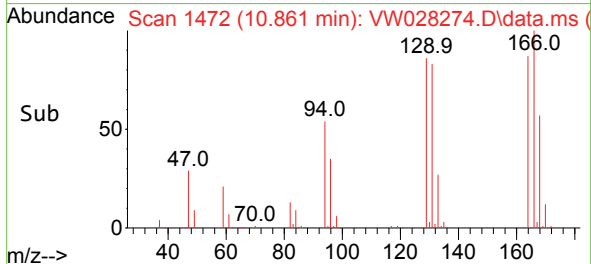
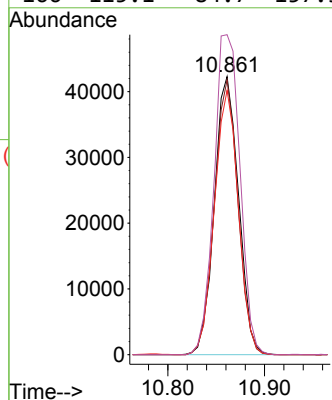
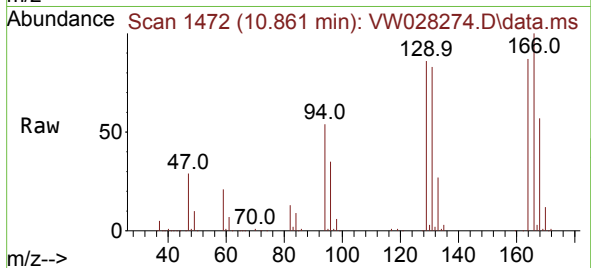
Ion Ratio Lower Upper

164 100

129 98.8 64.0 119.0

131 95.1 62.6 116.3

166 115.1 84.7 157.3



#48

2-Hexanone

Concen: 40.471 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028274.D

Acq: 29 Mar 2024 09:21

Tgt Ion: 43 Resp: 60874

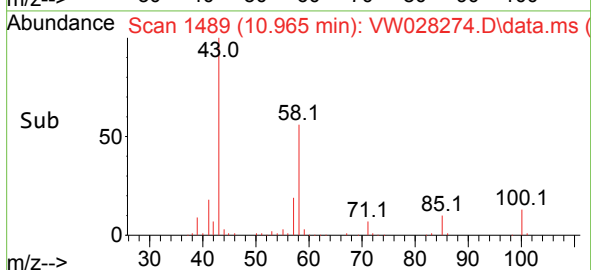
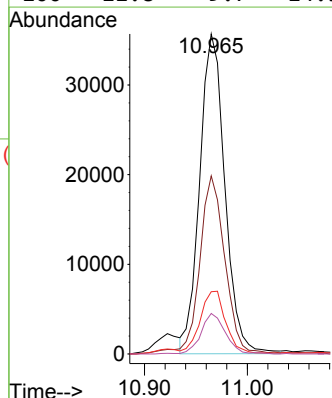
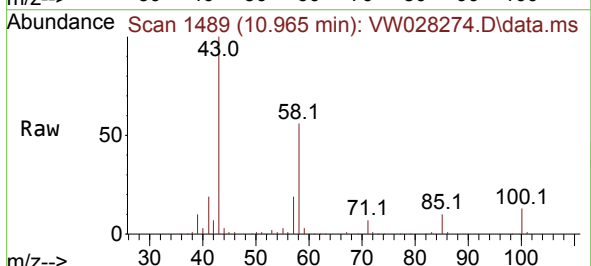
Ion Ratio Lower Upper

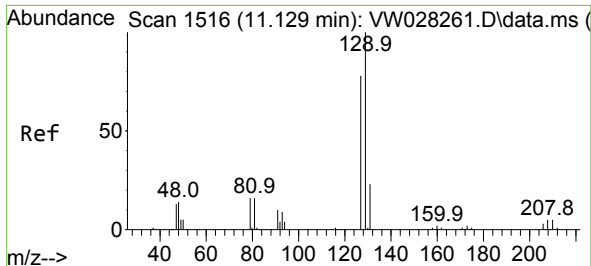
43 100

58 54.0 40.6 61.0

57 20.1 15.7 23.5

100 11.8 9.7 14.5

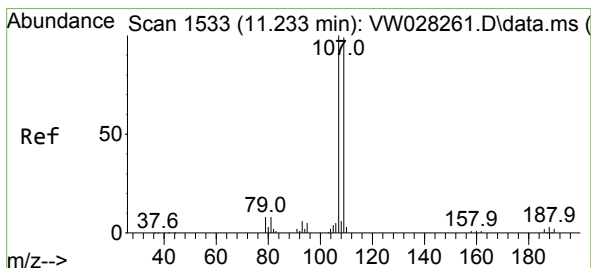
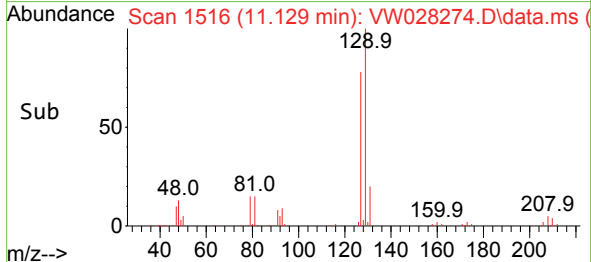
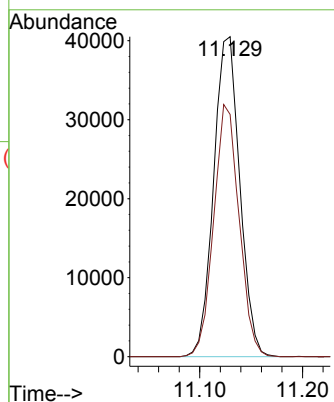
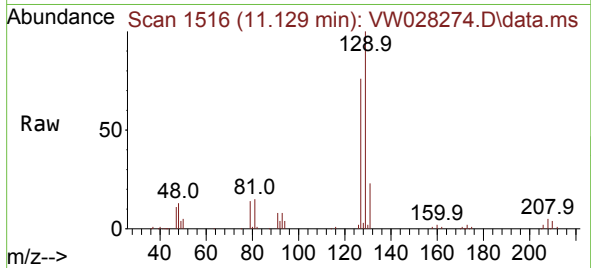




#49
Dibromochloromethane
Concen: 24.054 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

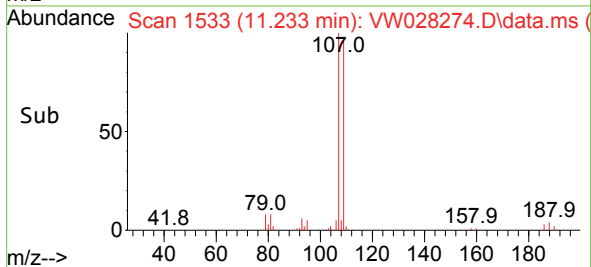
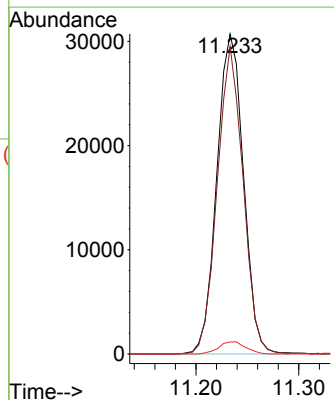
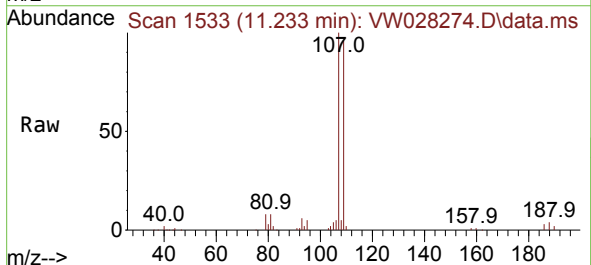
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

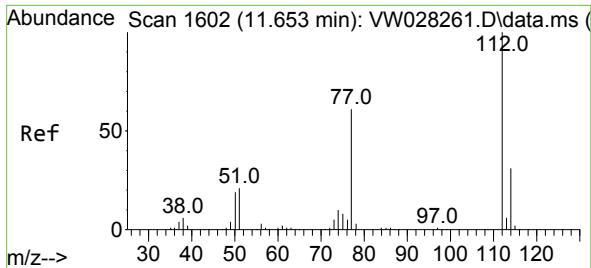
Tgt Ion:129 Resp: 71600
Ion Ratio Lower Upper
129 100
127 75.7 53.1 98.7



#50
1,2-Dibromoethane
Concen: 22.974 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion:107 Resp: 55213
Ion Ratio Lower Upper
107 100
109 96.1 64.4 119.6
188 3.8 3.4 5.2

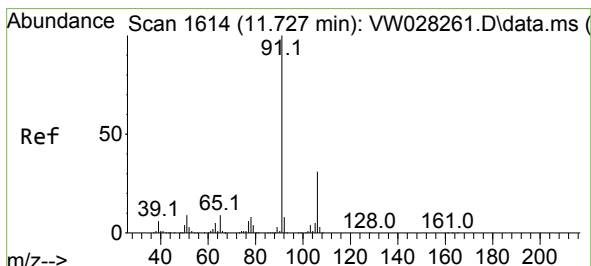
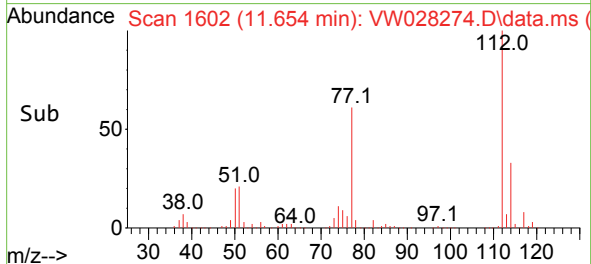
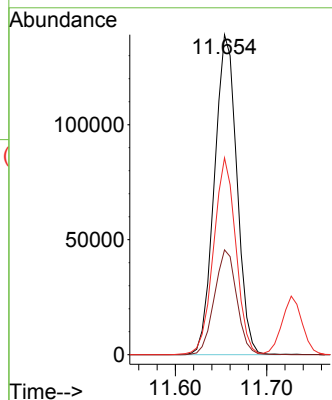
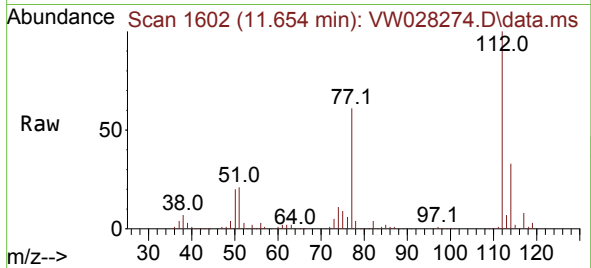




#51
Chlorobenzene
Concen: 25.227 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

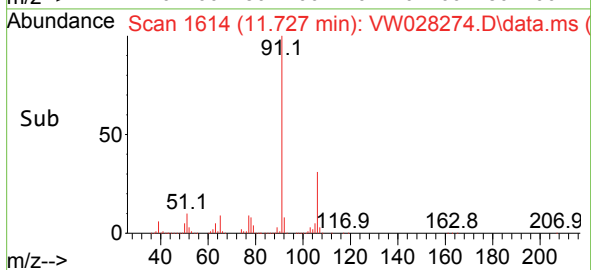
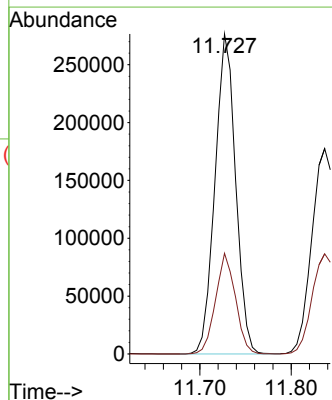
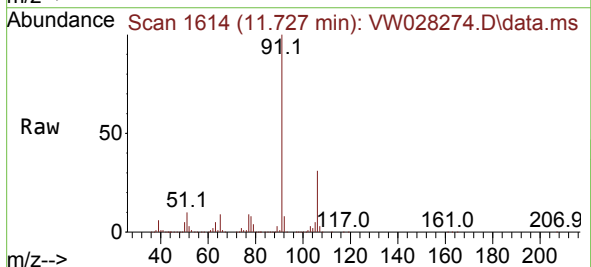
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

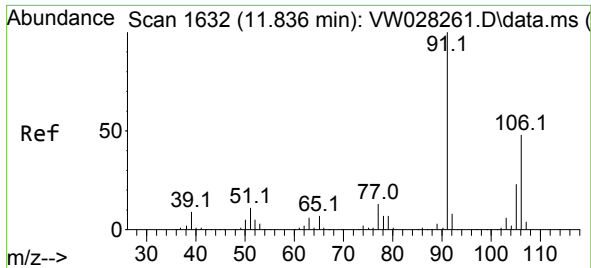
Tgt Ion:112 Resp: 237669
Ion Ratio Lower Upper
112 100
114 32.8 21.8 40.6
77 61.5 50.6 76.0



#52
Ethylbenzene
Concen: 25.014 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion: 91 Resp: 433416
Ion Ratio Lower Upper
91 100
106 31.5 21.3 39.5

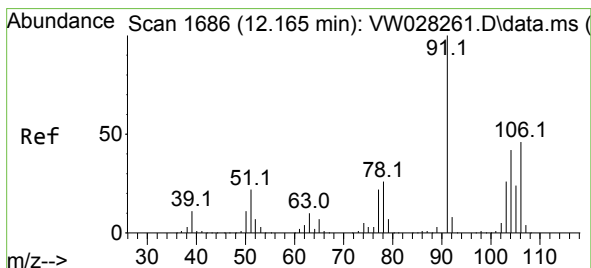
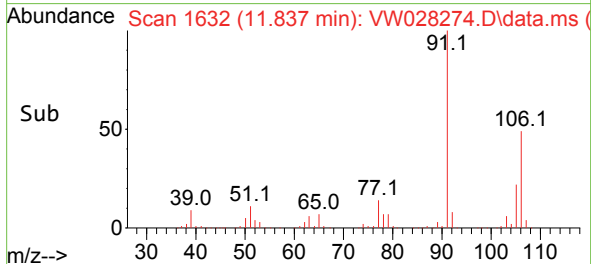
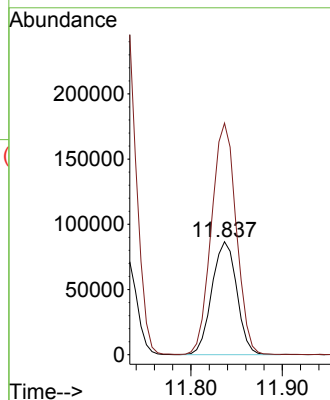
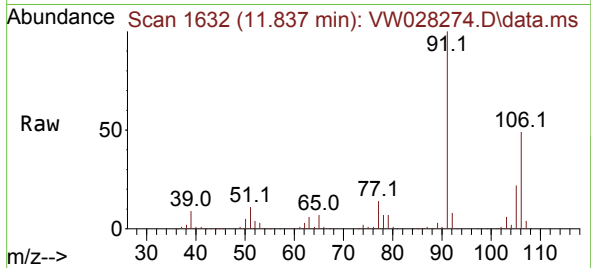




#53
m,p-Xylene
Concen: 25.160 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

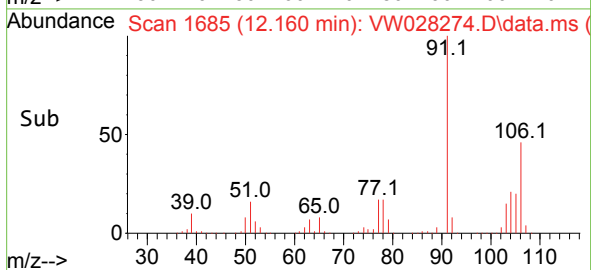
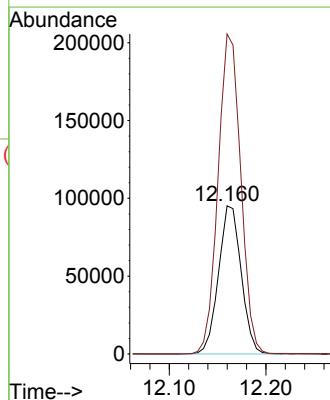
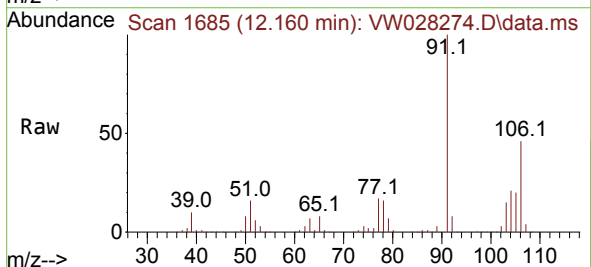
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

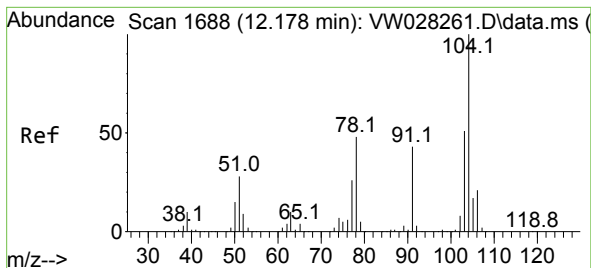
Tgt Ion:106 Resp: 164056
Ion Ratio Lower Upper
106 100
91 205.0 147.1 273.1



#54
o-Xylene
Concen: 25.604 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion:106 Resp: 154821
Ion Ratio Lower Upper
106 100
91 216.0 149.2 277.2





#55

Styrene

Concen: 25.377 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028274.D

Acq: 29 Mar 2024 09:21

Instrument :

MSVOA_W

ClientSampleId :

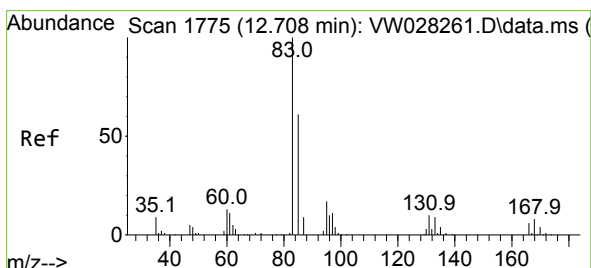
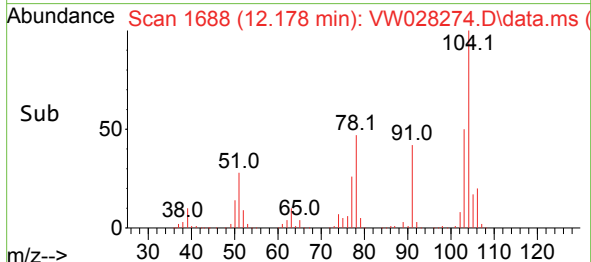
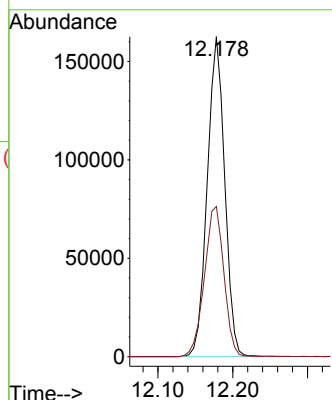
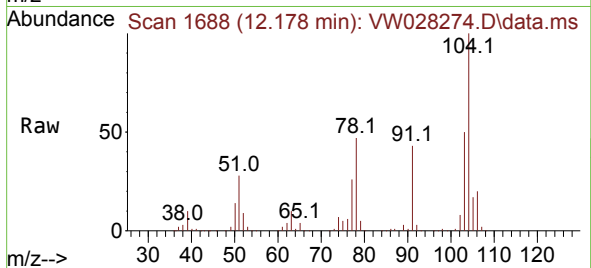
VSTD025531

Tgt Ion:104 Resp: 263567

Ion Ratio Lower Upper

104 100

78 46.9 33.2 61.7



#57

1,1,2,2-Tetrachloroethane

Concen: 22.275 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028274.D

Acq: 29 Mar 2024 09:21

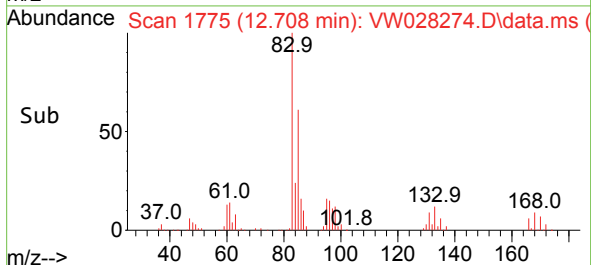
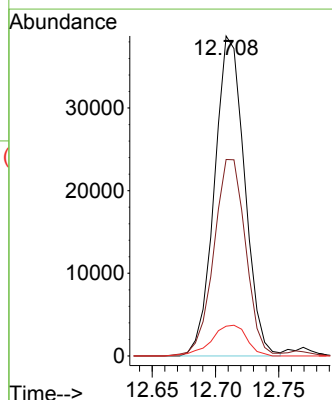
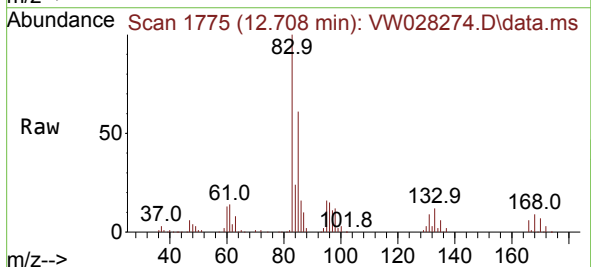
Tgt Ion: 83 Resp: 64035

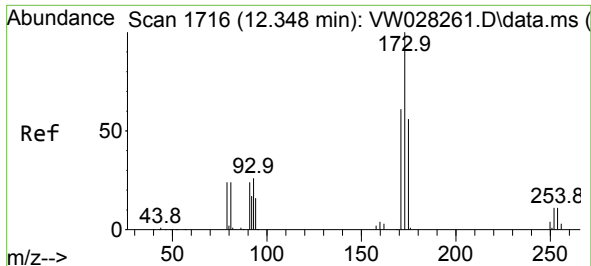
Ion Ratio Lower Upper

83 100

85 61.4 47.0 87.2

131 9.3 8.9 13.3

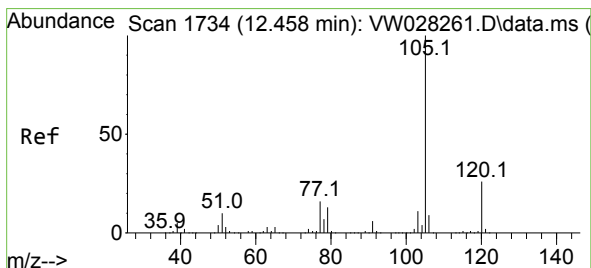
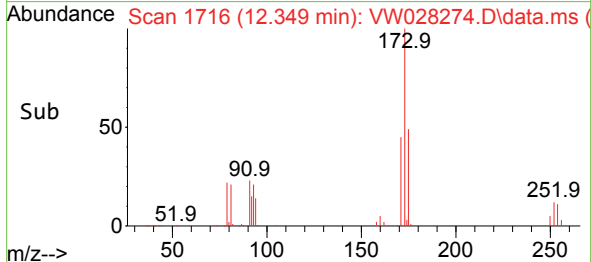
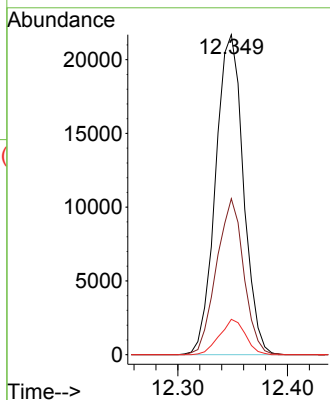
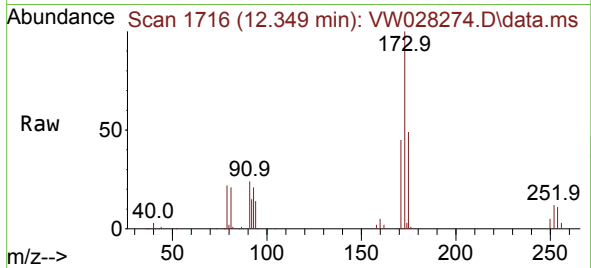




#59
Bromoform
Concen: 23.040 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

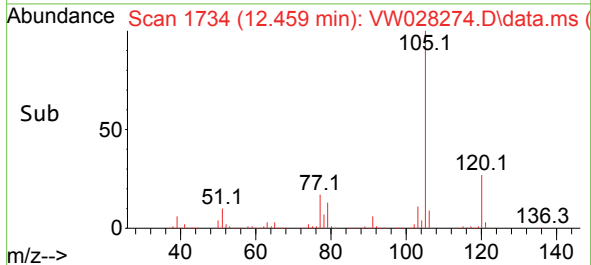
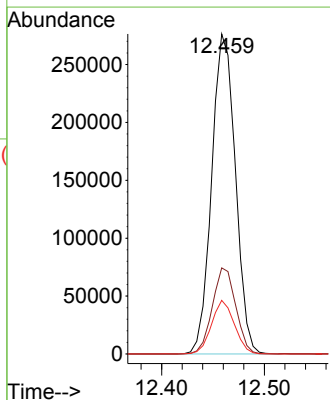
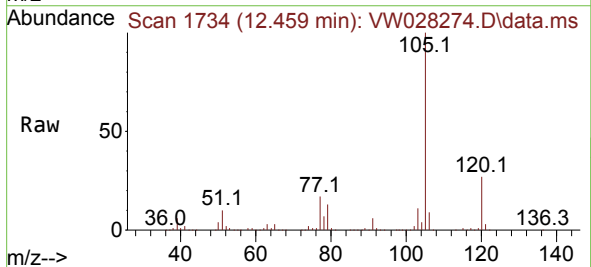
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

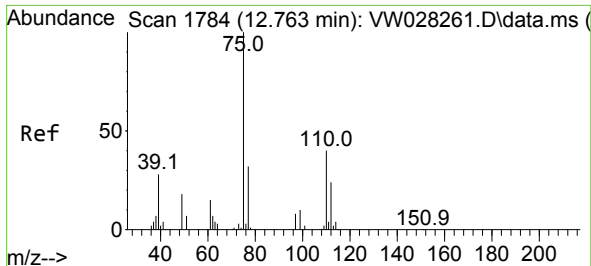
Tgt Ion:173 Resp: 38251
Ion Ratio Lower Upper
173 100
175 47.9 39.8 59.6
254 10.3 8.5 12.7



#60
Isopropylbenzene
Concen: 26.921 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion:105 Resp: 443167
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.6
77 16.1 13.7 20.5

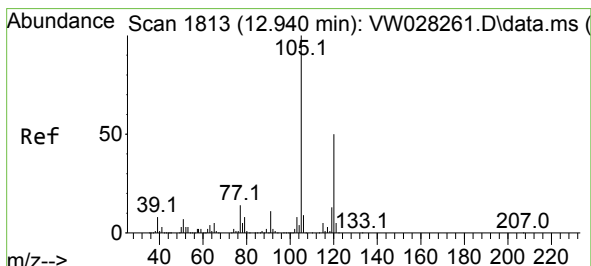
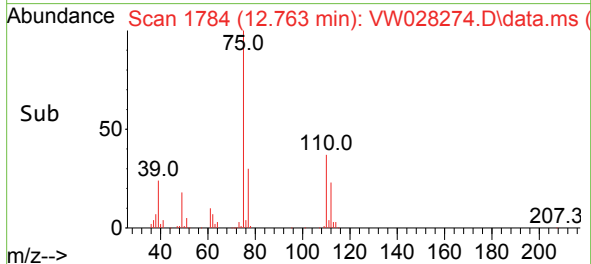
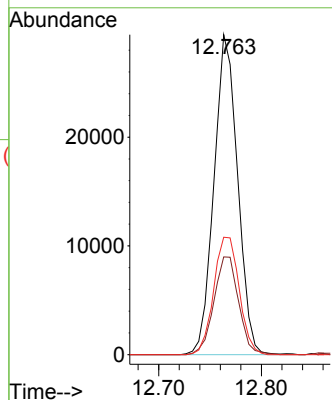
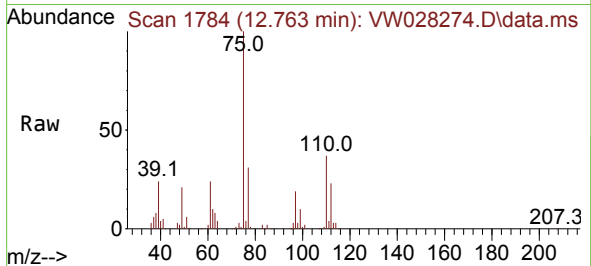




#61
1,2,3-Trichloropropane
Concen: 22.197 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

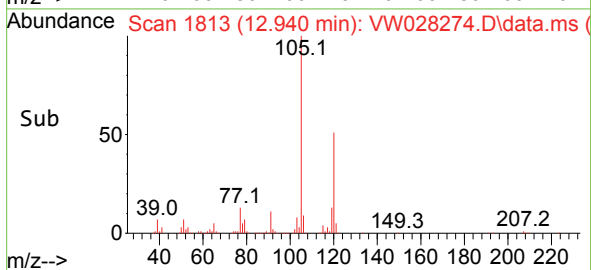
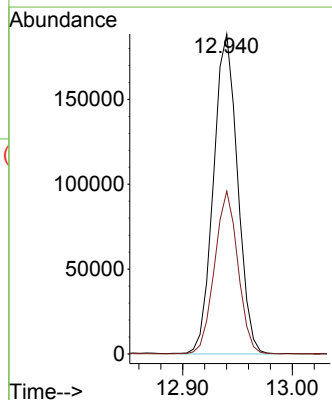
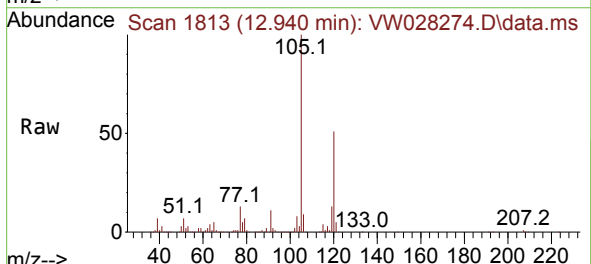
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

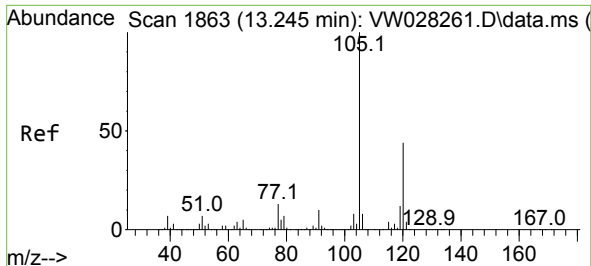
Tgt Ion: 75 Resp: 46937
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0
110 39.6 32.2 48.2



#62
1,3,5-Trimethylbenzene
Concen: 26.057 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion: 105 Resp: 287805
Ion Ratio Lower Upper
105 100
120 49.5 38.2 57.2

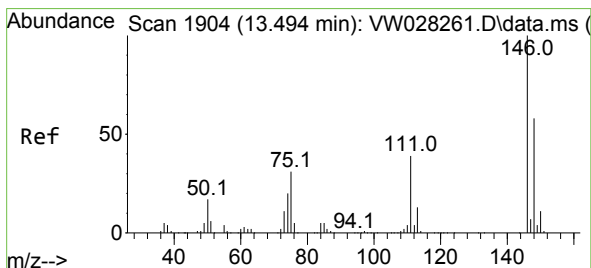
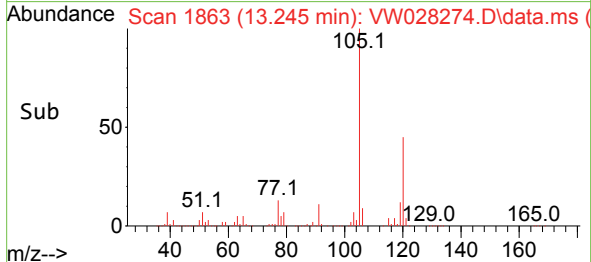
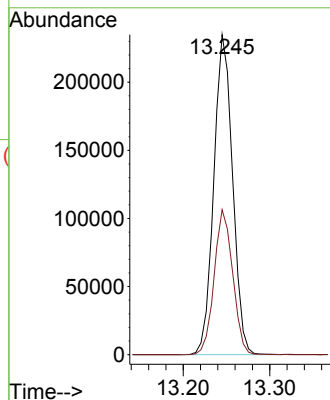
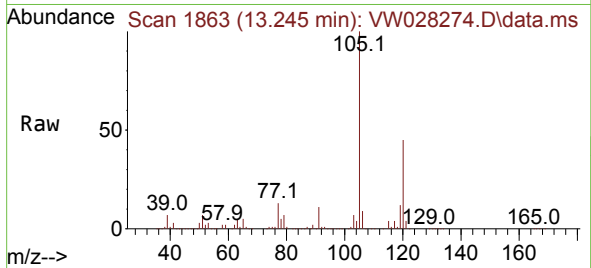




#63
1,2,4-Trimethylbenzene
Concen: 26.524 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

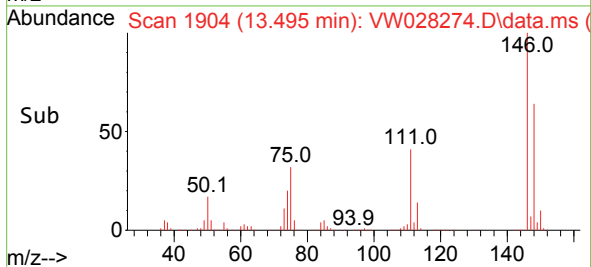
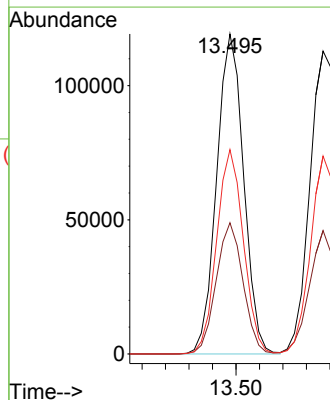
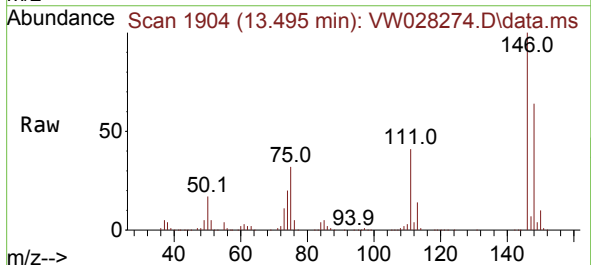
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

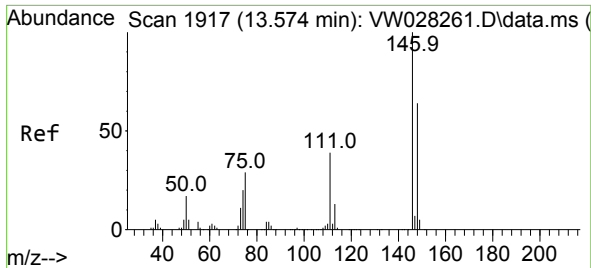
Tgt Ion:105 Resp: 353752
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4



#64
1,3-Dichlorobenzene
Concen: 25.913 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion:146 Resp: 190309
Ion Ratio Lower Upper
146 100
111 41.0 28.5 52.9
148 63.8 43.0 80.0

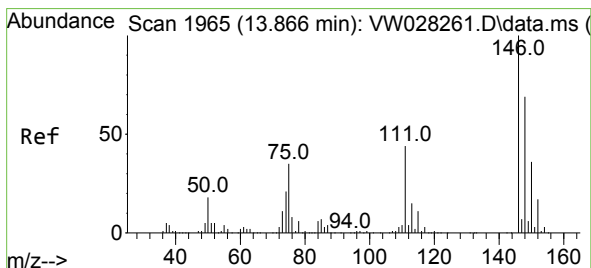
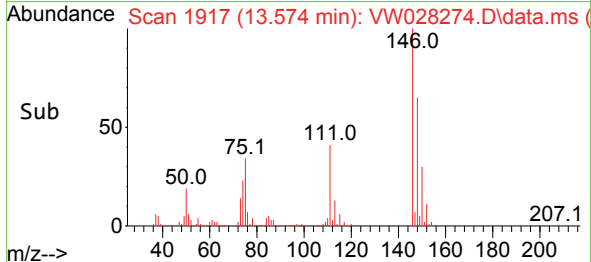
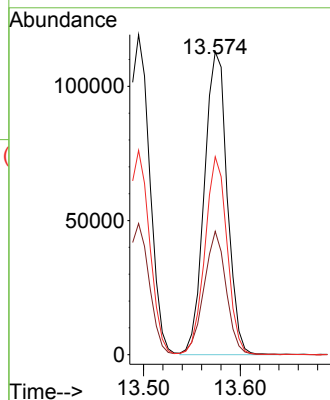
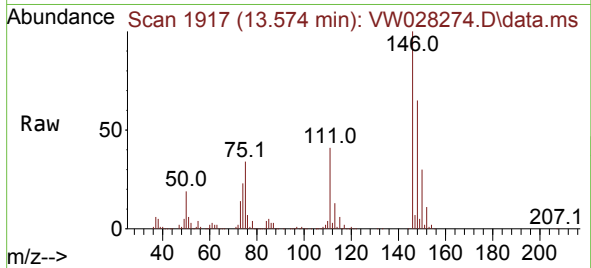




#65
1,4-Dichlorobenzene
Concen: 25.299 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

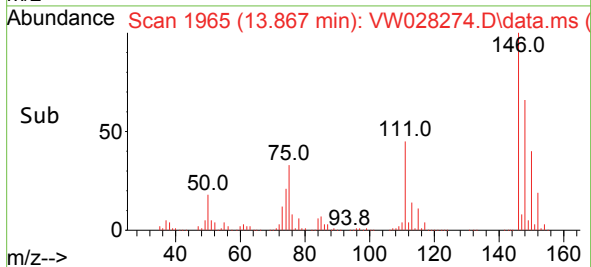
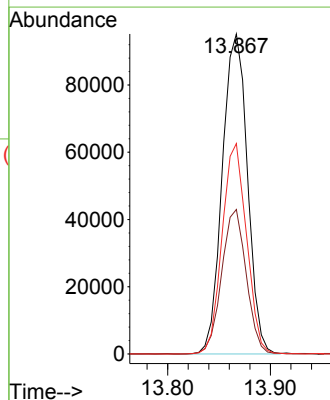
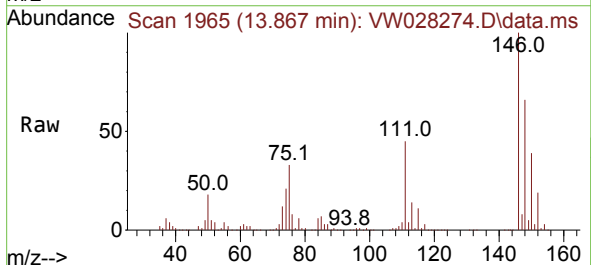
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

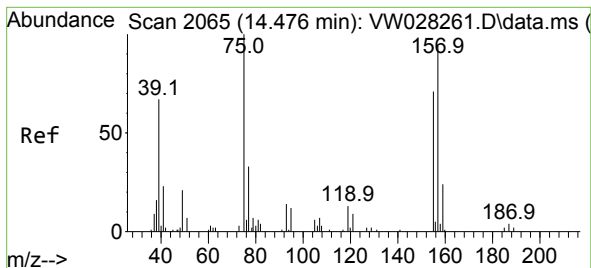
Tgt Ion:146 Resp: 185785
Ion Ratio Lower Upper
146 100
111 40.7 28.8 53.6
148 65.3 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 25.557 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028274.D
Acq: 29 Mar 2024 09:21

Tgt Ion:146 Resp: 161630
Ion Ratio Lower Upper
146 100
111 45.2 34.2 51.2
148 65.8 48.1 72.1

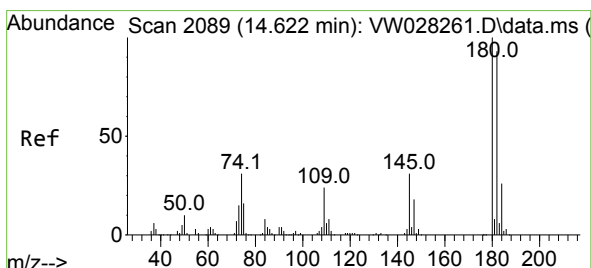
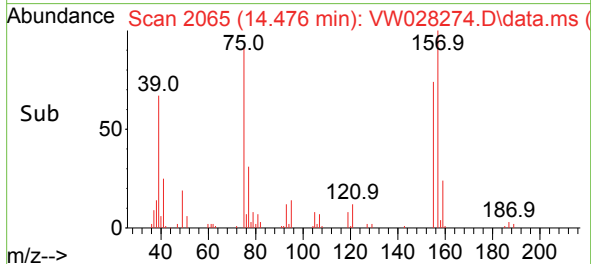
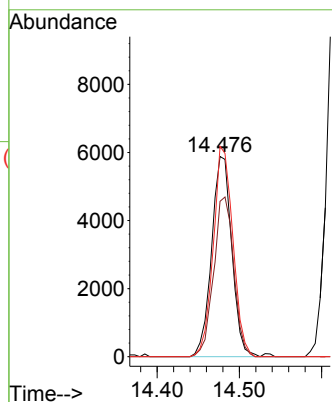
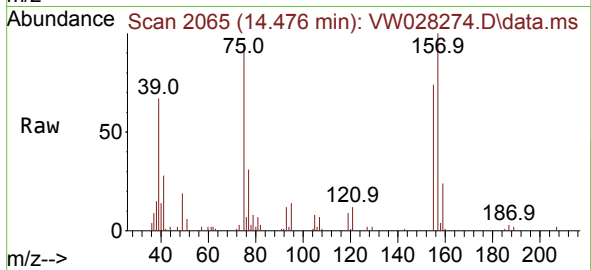




#68
 1,2-Dibromo-3-chloropropane
 Concen: 20.239 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW028274.D
 Acq: 29 Mar 2024 09:21

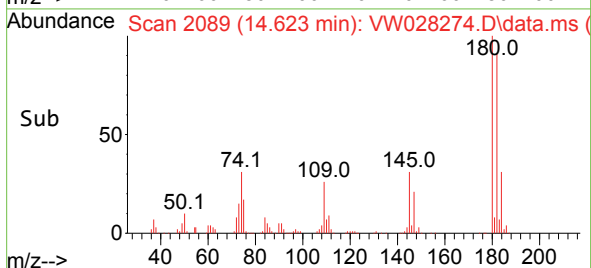
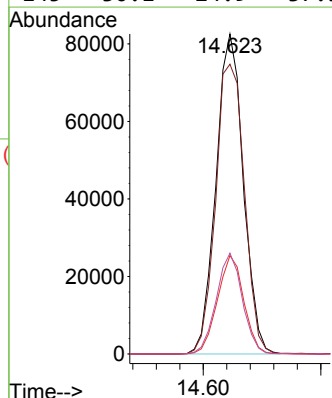
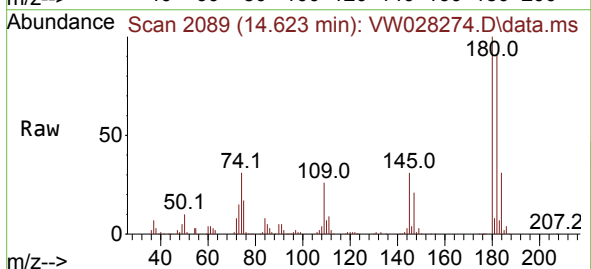
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

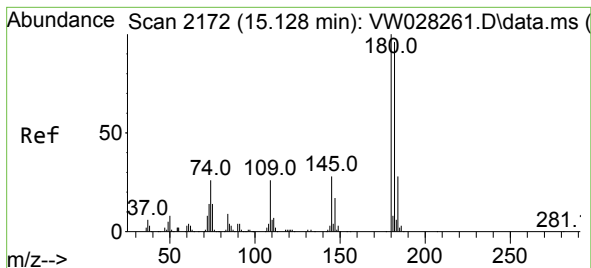
Tgt Ion: 75 Resp: 10053
 Ion Ratio Lower Upper
 75 100
 155 77.7 61.1 91.7
 157 105.1 74.2 111.4



#69
 1,3,5-Trichlorobenzene
 Concen: 26.082 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW028274.D
 Acq: 29 Mar 2024 09:21

Tgt Ion: 180 Resp: 133426
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.6 114.8
 184 29.6 23.5 35.3
 145 30.1 24.9 37.3





#70

1,2,4-trichlorobenzene

Concen: 24.714 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028274.D

Acq: 29 Mar 2024 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

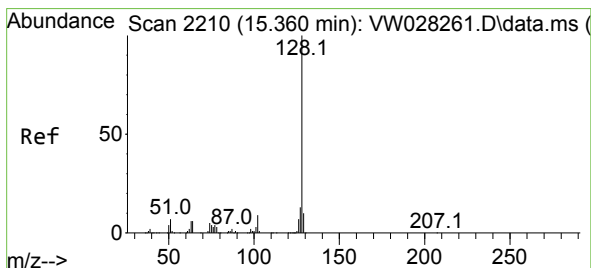
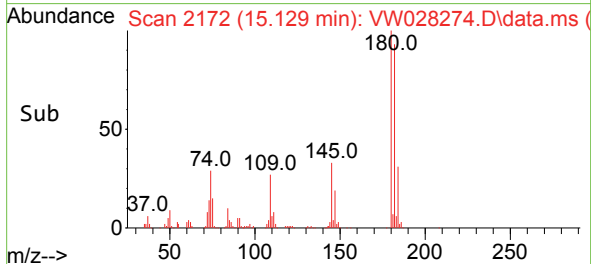
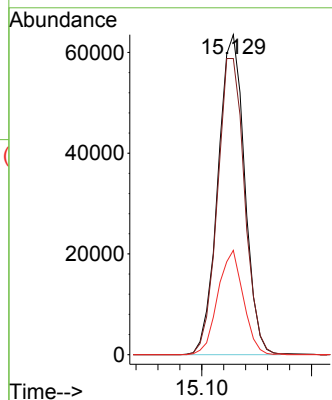
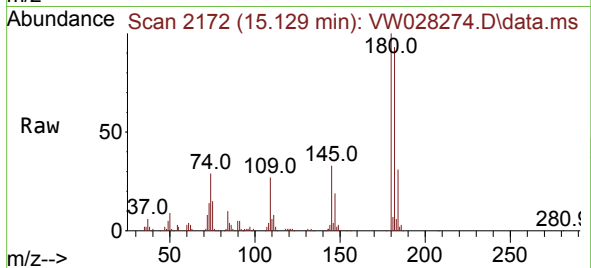
Tgt Ion:180 Resp: 107403

Ion Ratio Lower Upper

180 100

182 94.1 73.8 110.8

145 31.2 25.0 37.6



#71

Naphthalene

Concen: 22.959 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028274.D

Acq: 29 Mar 2024 09:21

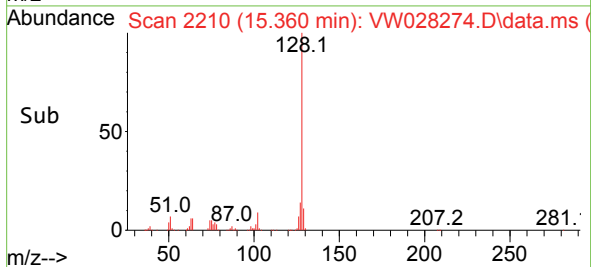
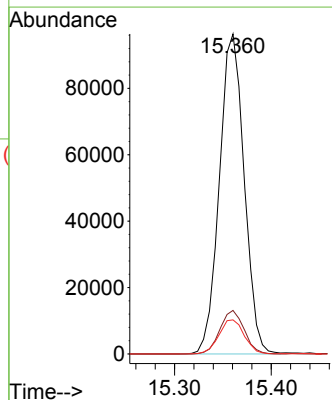
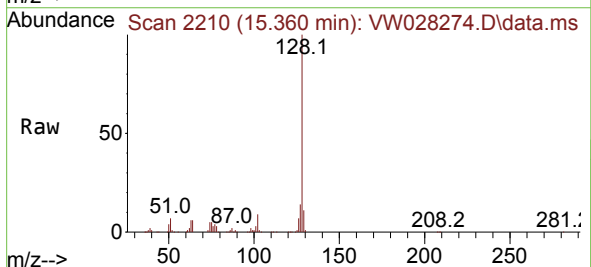
Tgt Ion:128 Resp: 171256

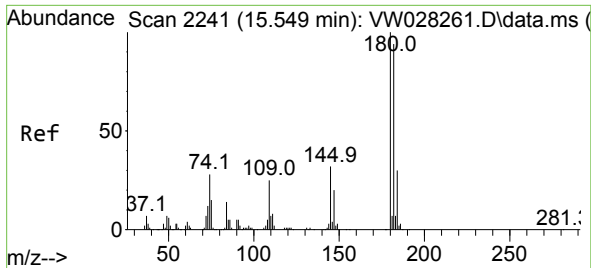
Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

129 10.9 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 24.358 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028274.D
 Acq: 29 Mar 2024 09:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Tgt Ion:	180	Resp:	87266
Ion Ratio	Lower	Upper	
180	100		
182	102.1	76.0	114.0
145	33.7	27.1	40.7

