

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073024\
 Data File : VW029802.D
 Acq On : 30 Jul 2024 17:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025562

Quant Time: Jul 31 02:01:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 31 01:58:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	233838	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	218582	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	58621	17.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.640%
7) Chloroethane-d5	2.899	69	50642	21.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.480%
11) 1,1-Dichloroethene-d2	4.021	65	29250	19.302	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.200%
21) 2-Butanone-d5	7.075	46	47444	52.143	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.280%
24) Chloroform-d	7.648	84	153318	25.328	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	8.307	65	88054	25.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.160%
32) Benzene-d6	8.276	84	282593	23.927	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.720%
36) 1,2-Dichloropropane-d6	9.270	67	92508	24.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	10.324	98	259159	24.679	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	10.574	79	35117	23.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.040%
47) 2-Hexanone-d5	10.922	63	31587	50.797	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76414	27.289	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.160%
66) 1,2-Dichlorobenzene-d4	13.854	152	81663	23.558	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	69701	22.113	ug/L	98
3) Chloromethane	2.222	50	97884	25.096	ug/L	97
5) Vinyl chloride	2.381	62	101706	23.272	ug/L	95
6) Bromomethane	2.789	94	58136	24.225	ug/L	94
8) Chloroethane	2.936	64	60913	24.501	ug/L	96
9) Trichlorofluoromethane	3.271	101	80133	22.955	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	77663	22.338	ug/L	92
12) 1,1-Dichloroethene	4.051	96	73000	22.852	ug/L	93
13) Acetone	4.118	43	37750	33.385	ug/L	95
14) Carbon disulfide	4.399	76	246836	23.219	ug/L	100
15) Methyl Acetate	4.667	43	48907	25.967	ug/L	99
16) Methylene chloride	4.923	84	100053	20.467	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	84030	24.410	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	143021	25.208	ug/L	98
19) 1,1-Dichloroethane	6.222	63	180370	24.843	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	94642	25.345	ug/L	98
22) 2-Butanone	7.173	43	61569	42.495	ug/L	100
23) Bromochloromethane	7.514	128	40400	25.485	ug/L	90
25) Chloroform	7.673	83	176067	25.739	ug/L	97

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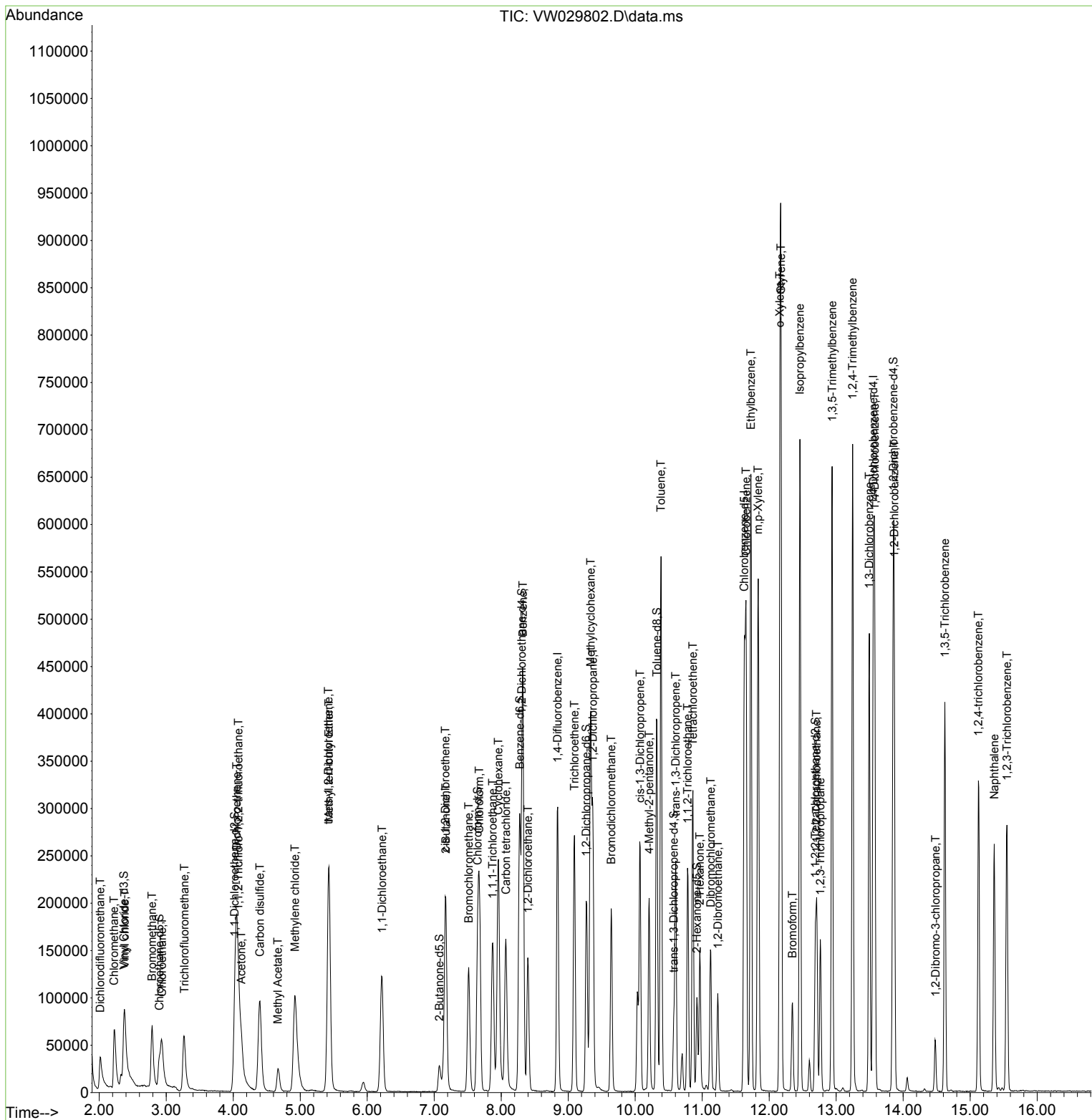
Instrument :
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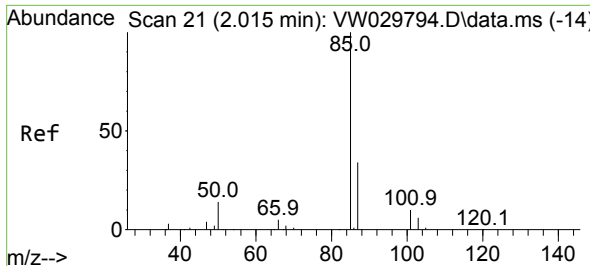
Quant Time: Jul 31 02:01:41 2024
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 Quant Title : SFAM01.0
 QLast Update : Wed Jul 31 01:58:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	128767	25.830	ug/L	99
29) Cyclohexane	7.959	56	143316	23.072	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	131540	23.764	ug/L	98
31) Carbon tetrachloride	8.069	117	119436	23.946	ug/L	98
33) Benzene	8.325	78	376249	25.122	ug/L	100
34) Trichloroethene	9.093	95	92716	23.615	ug/L	93
35) Methylcyclohexane	9.337	83	150815	23.053	ug/L	98
37) 1,2-Dichloropropane	9.367	63	106372	25.918	ug/L	100
38) Bromodichloromethane	9.642	83	125932	25.767	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	149184	24.959	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	138474	53.118	ug/L	100
42) Toluene	10.385	91	393390	25.733	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	124914	25.175	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	70308	25.500	ug/L	98
46) Tetrachloroethene	10.861	164	63088	22.108	ug/L	95
48) 2-Hexanone	10.965	43	96442	49.395	ug/L	98
49) Dibromochloromethane	11.129	129	75602	26.413	ug/L	92
50) 1,2-Dibromoethane	11.233	107	66922	26.232	ug/L #	96
51) Chlorobenzene	11.653	112	236688	24.891	ug/L	98
52) Ethylbenzene	11.727	91	439776	25.503	ug/L	98
53) m,p-Xylene	11.836	106	158324	24.965	ug/L	97
54) o-Xylene	12.160	106	151448	25.932	ug/L	96
55) Styrene	12.178	104	269634	26.635	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	87757	25.932	ug/L	99
59) Bromoform	12.348	173	41084	24.457	ug/L	98
60) Isopropylbenzene	12.458	105	419328	24.273	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	65164	23.999	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	330170	25.713	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	340425	24.789	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	174565	23.684	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	182140	24.057	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	160593	23.932	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	14297	23.190	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	116349	23.072	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	96307	22.668	ug/L	95
71) Naphthalene	15.360	128	202651	24.998	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	88740	23.077	ug/L	98

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

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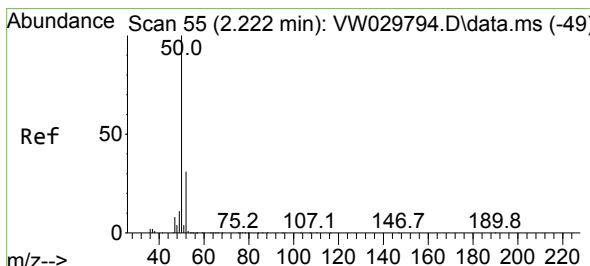
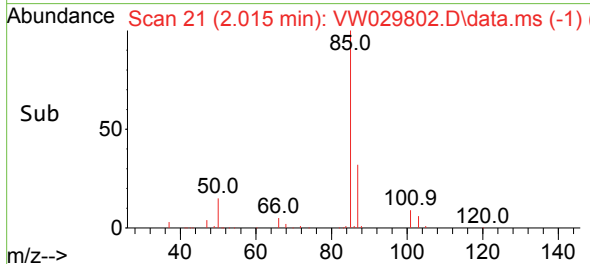
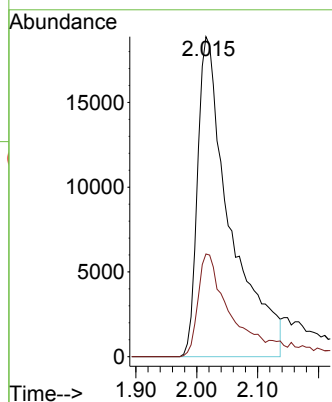
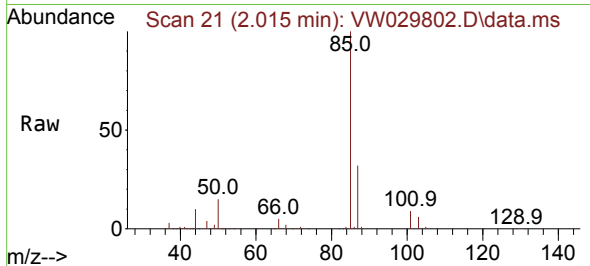




#2
Dichlorodifluoromethane
Concen: 22.113 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

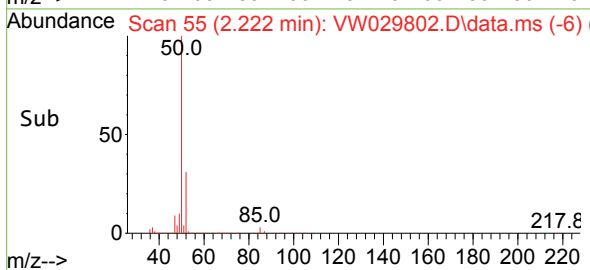
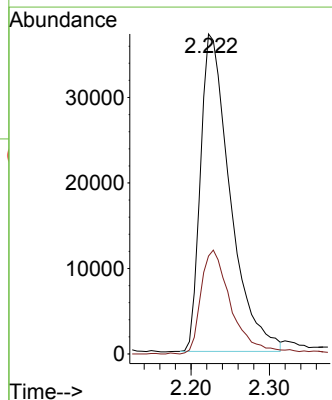
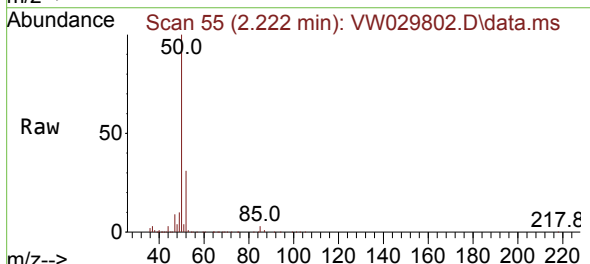
Instrument :
MSVOA_W
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VSTD025562

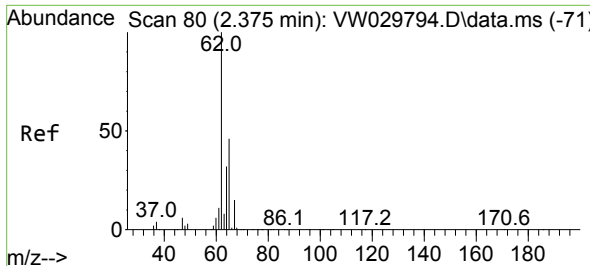
Tgt Ion: 85 Resp: 69701
Ion Ratio Lower Upper
85 100
87 30.6 25.5 38.3



#3
Chloromethane
Concen: 25.096 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 50 Resp: 97884
Ion Ratio Lower Upper
50 100
52 30.6 22.5 41.9

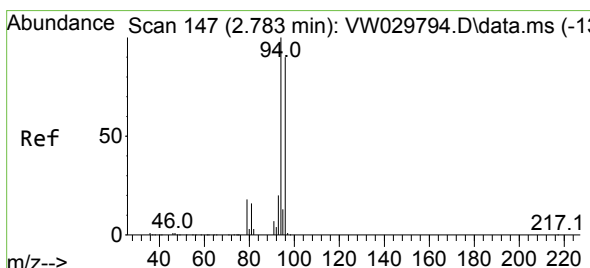
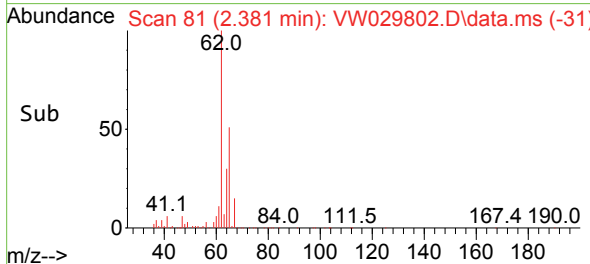
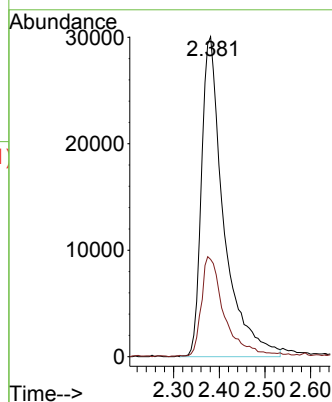
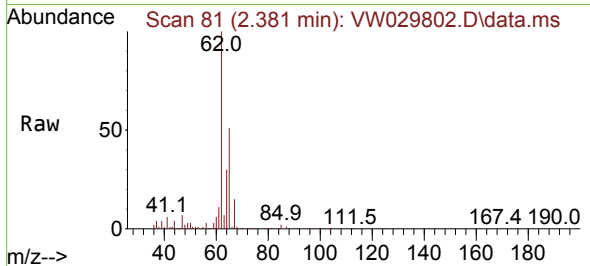




#5
 Vinyl chloride
 Concen: 23.272 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW029802.D
 Acq: 30 Jul 2024 17:00

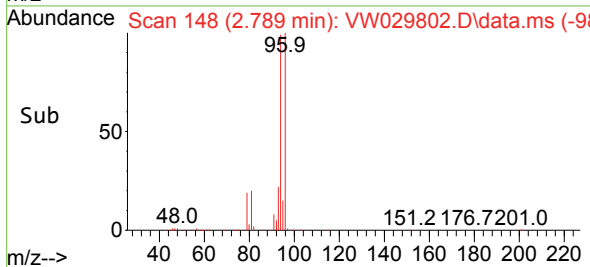
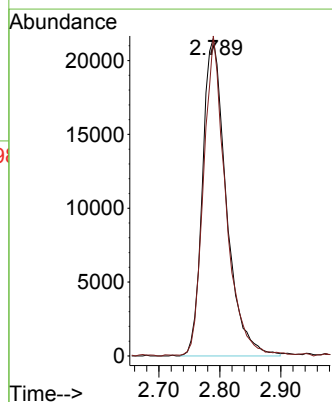
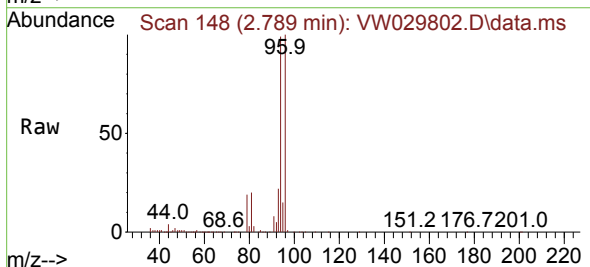
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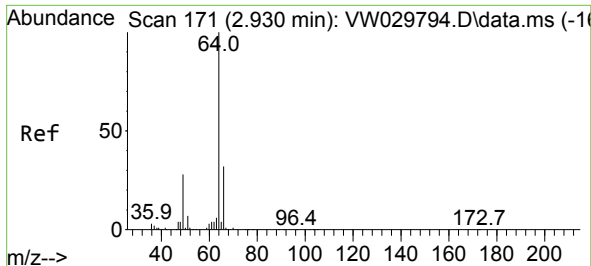
Tgt Ion: 62 Resp: 101706
 Ion Ratio Lower Upper
 62 100
 64 30.4 23.2 43.2



#6
 Bromomethane
 Concen: 24.225 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW029802.D
 Acq: 30 Jul 2024 17:00

Tgt Ion: 94 Resp: 58136
 Ion Ratio Lower Upper
 94 100
 96 100.8 66.2 123.0

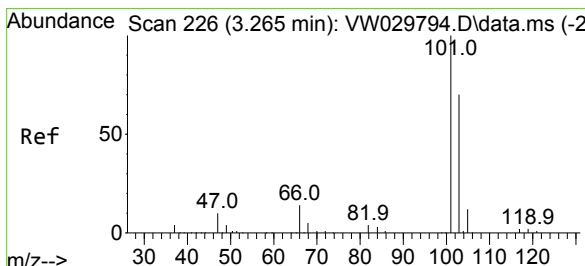
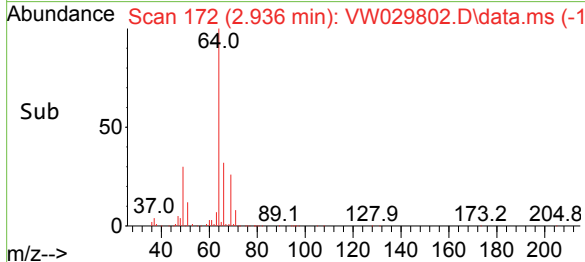
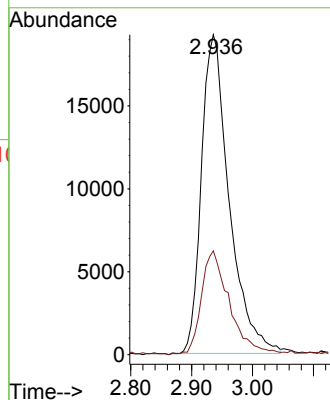
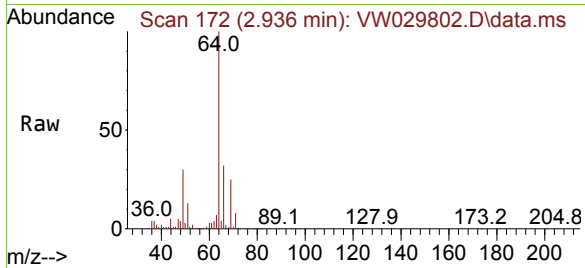




#8
Chloroethane
Concen: 24.501 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

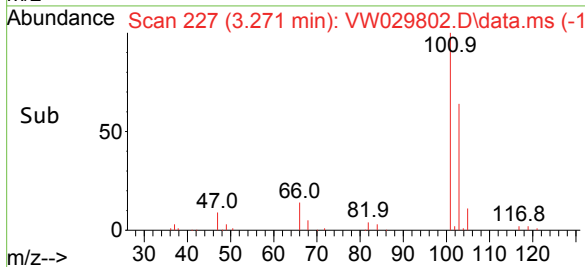
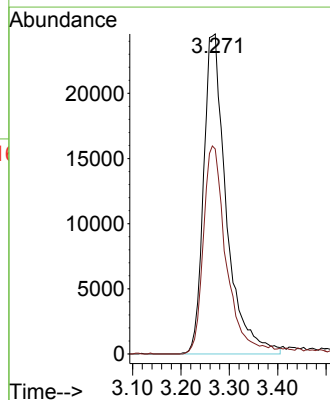
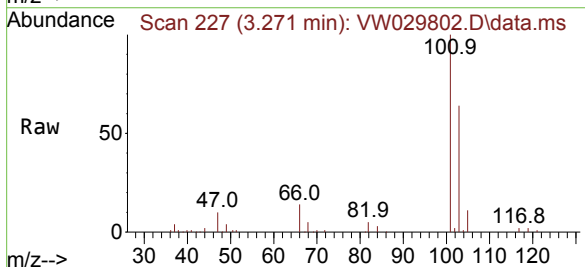
Instrument :
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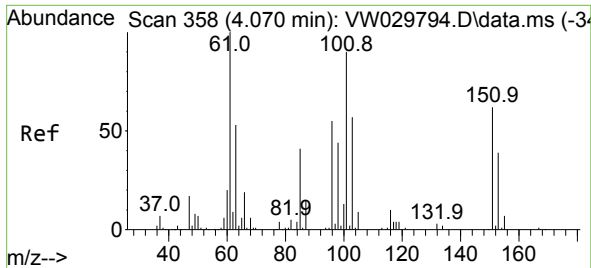
Tgt Ion: 64 Resp: 60913
Ion Ratio Lower Upper
64 100
66 32.5 21.2 39.4



#9
Trichlorofluoromethane
Concen: 22.955 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion:101 Resp: 80133
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4

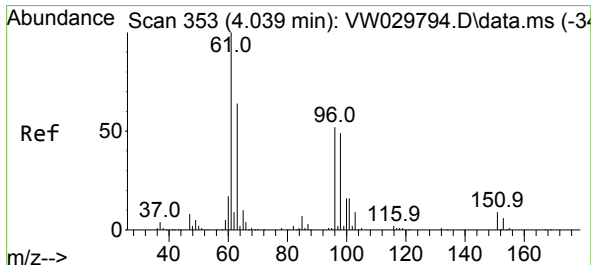
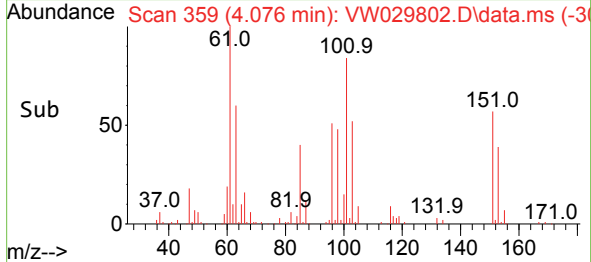
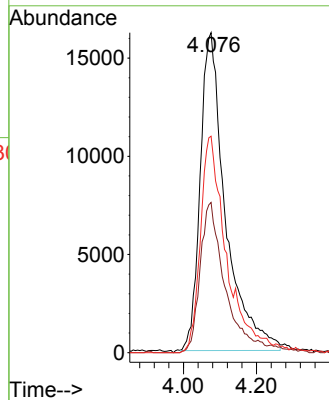
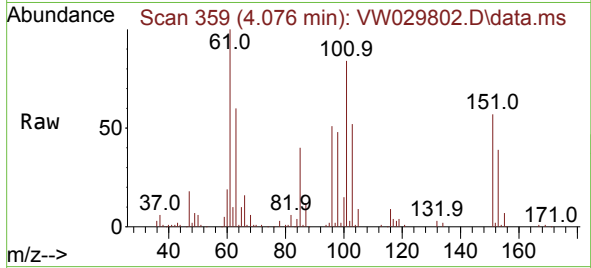




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.338 ug/L
RT: 4.076 min Scan# 358
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

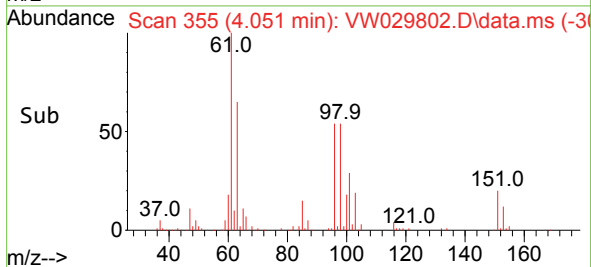
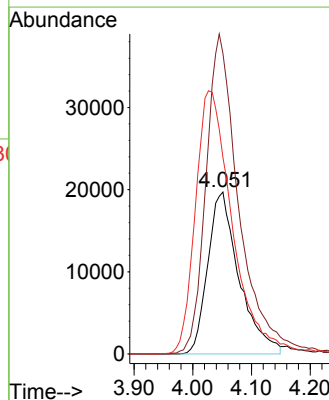
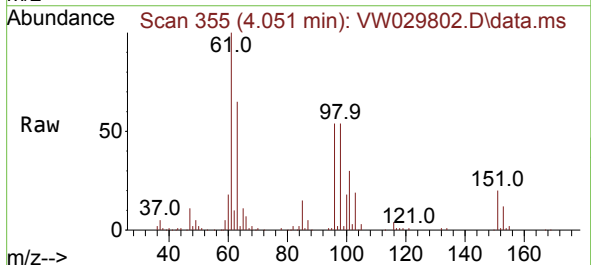
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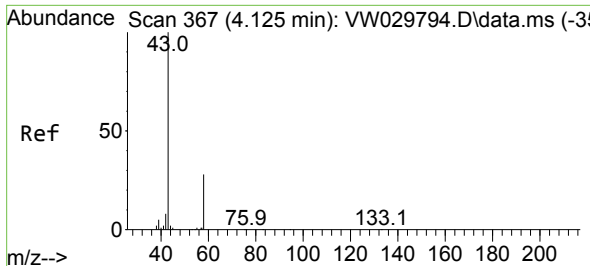
Tgt Ion:101 Resp: 77663
Ion Ratio Lower Upper
101 100
85 45.3 34.2 51.4
151 59.2 54.2 81.2



#12
1,1-Dichloroethene
Concen: 22.852 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.012 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 96 Resp: 73000
Ion Ratio Lower Upper
96 100
61 185.6 138.3 256.9
63 121.4 89.0 165.4

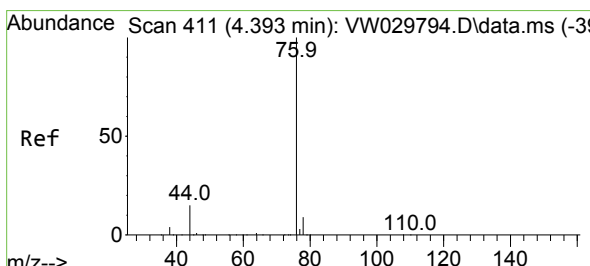
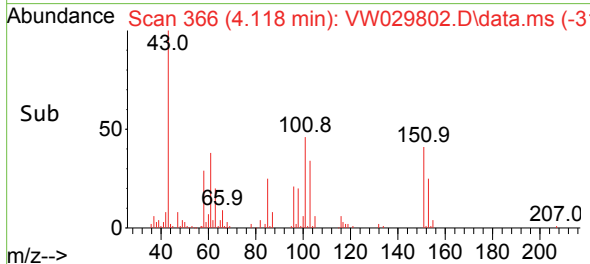
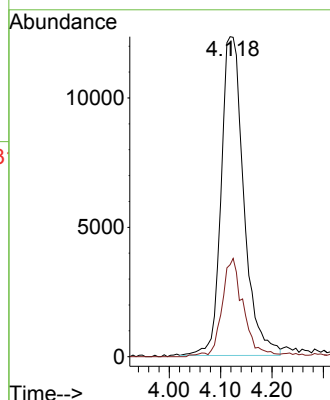
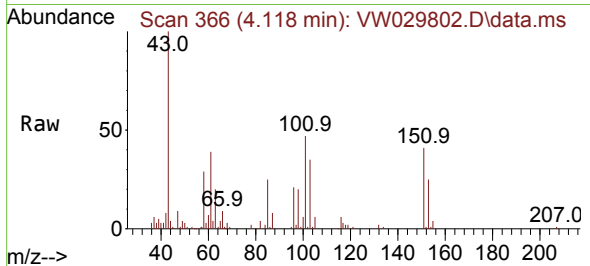




#13
Acetone
Concen: 33.385 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

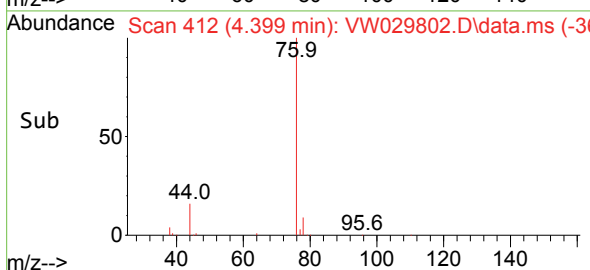
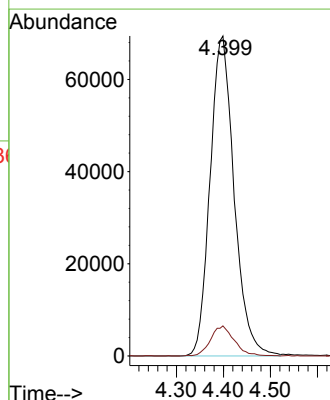
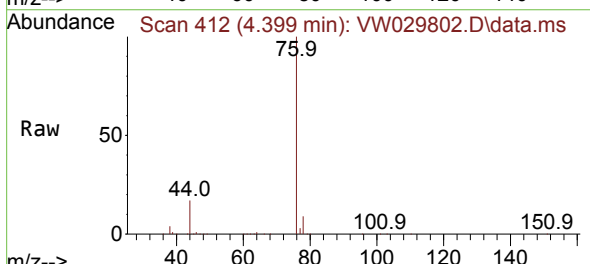
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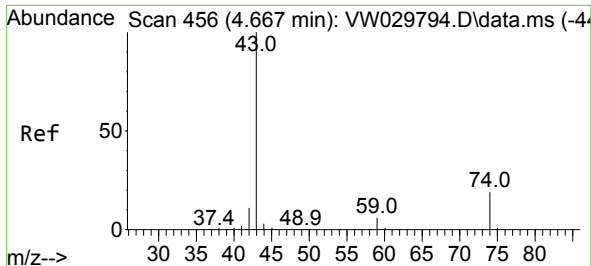
Tgt Ion: 43 Resp: 37750
Ion Ratio Lower Upper
43 100
58 25.9 0.0 57.6



#14
Carbon disulfide
Concen: 23.219 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 76 Resp: 246836
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

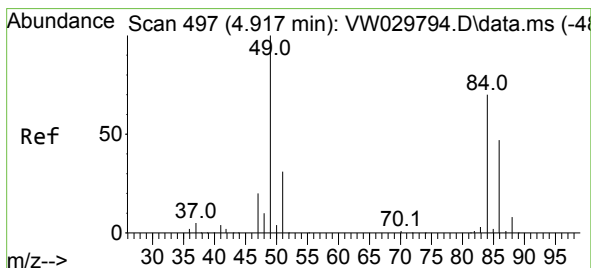
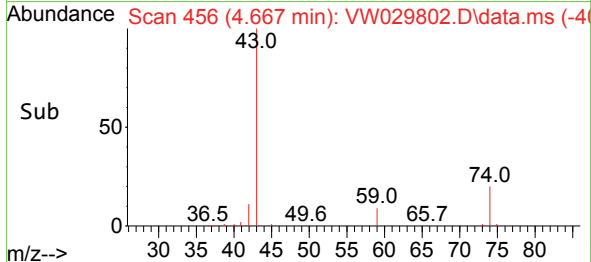
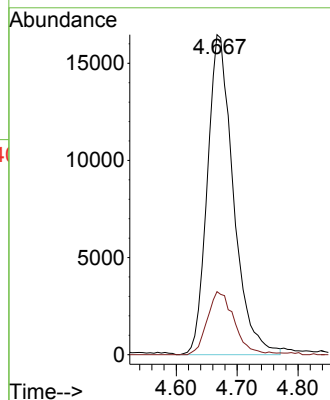
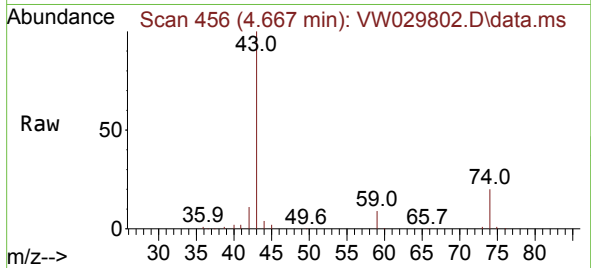




#15
Methyl Acetate
Concen: 25.967 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

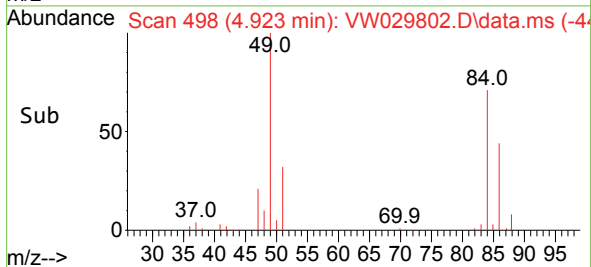
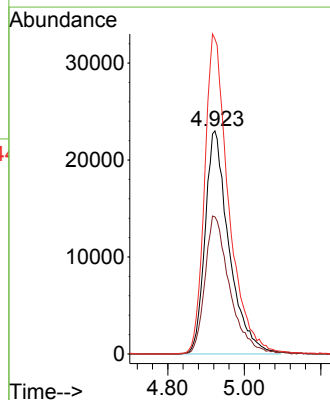
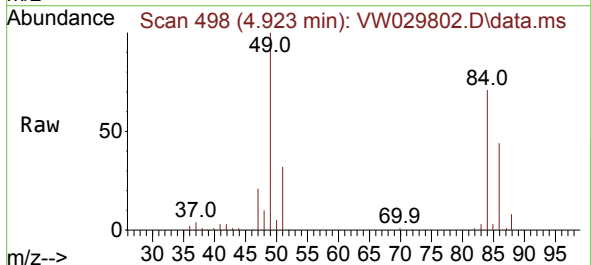
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

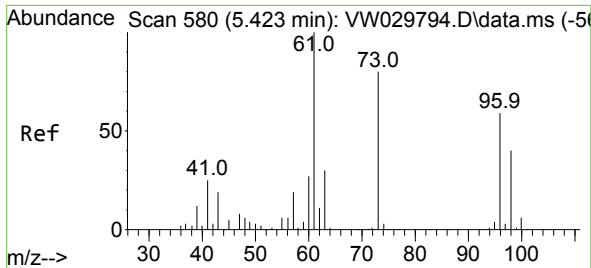
Tgt Ion: 43 Resp: 48907
Ion Ratio Lower Upper
43 100
74 20.2 16.5 24.7



#16
Methylene chloride
Concen: 20.467 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 84 Resp: 100053
Ion Ratio Lower Upper
84 100
86 61.5 44.7 82.9
49 141.2 99.0 184.0

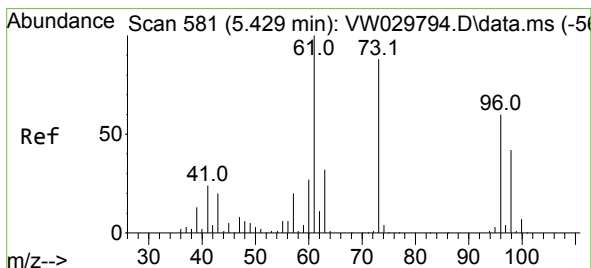
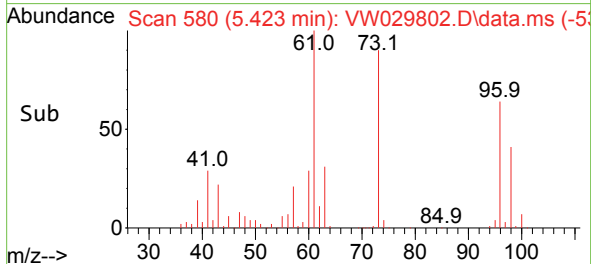
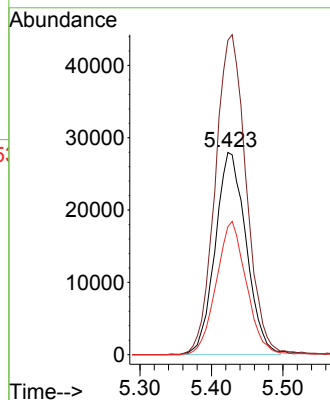
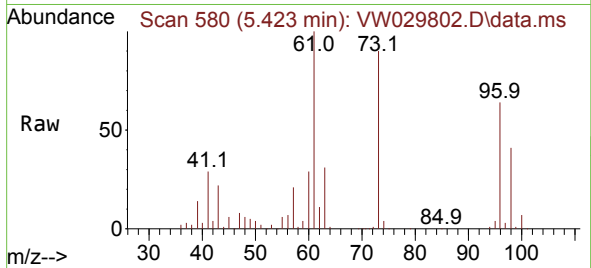




#17
trans-1,2-Dichloroethene
Concen: 24.410 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

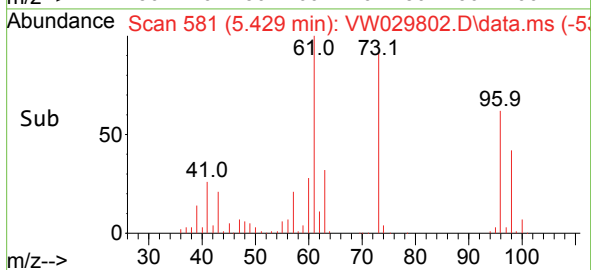
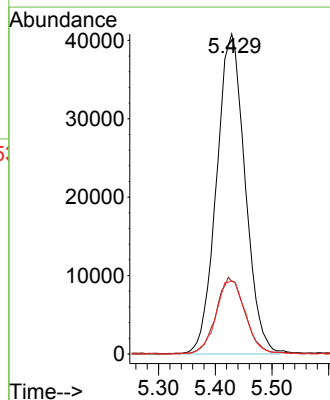
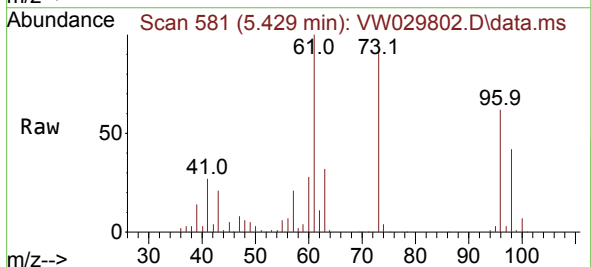
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

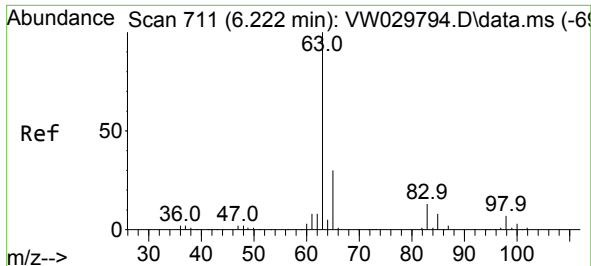
Tgt Ion: 96 Resp: 84030
Ion Ratio Lower Upper
96 100
61 155.4 111.2 206.6
98 63.3 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 25.208 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 73 Resp: 143021
Ion Ratio Lower Upper
73 100
43 23.9 18.3 27.5
57 23.3 17.9 26.9

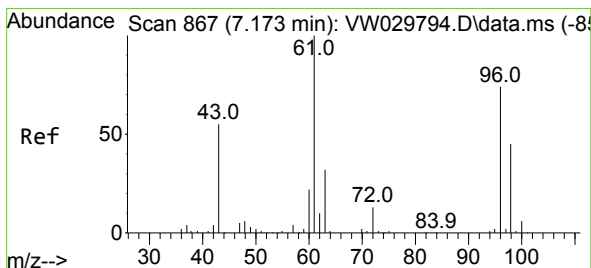
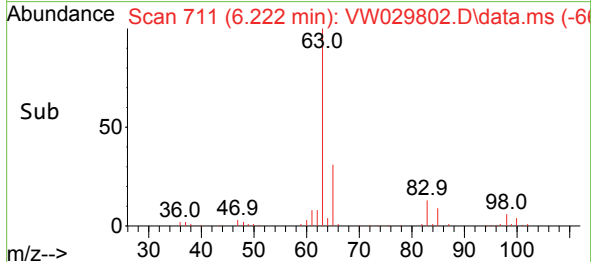
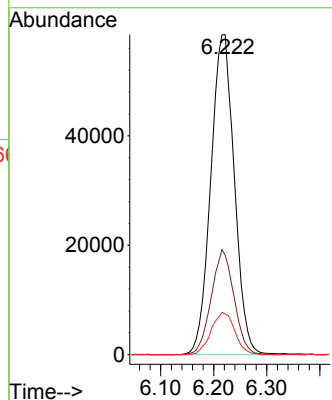
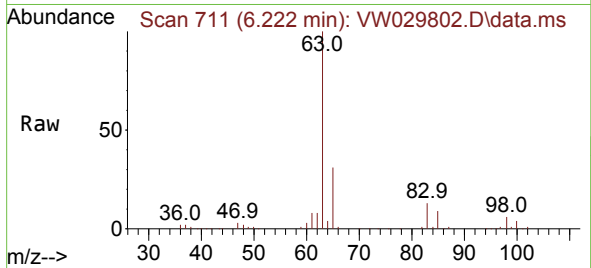




#19
1,1-Dichloroethane
Concen: 24.843 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

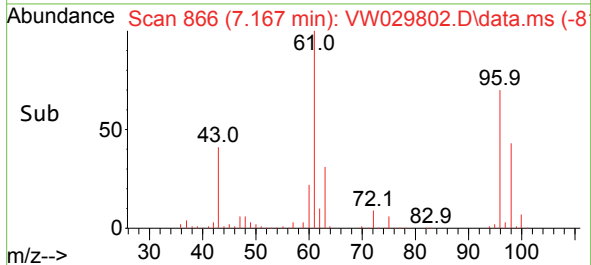
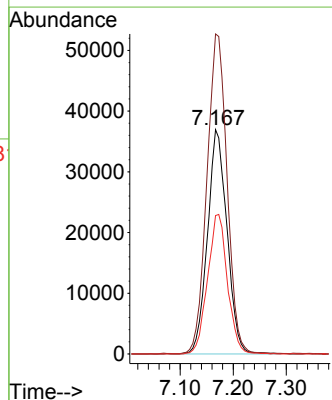
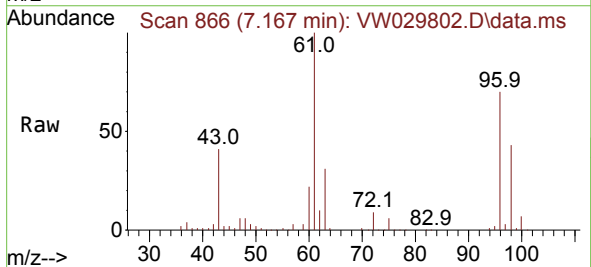
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

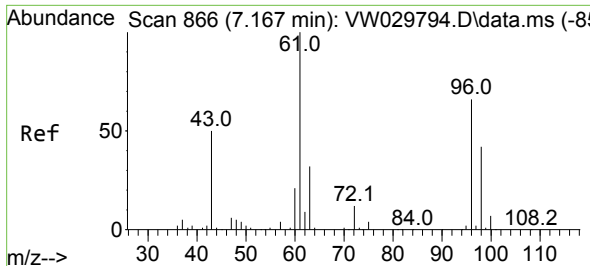
Tgt Ion: 63 Resp: 180370
Ion Ratio Lower Upper
63 100
65 31.1 22.3 41.3
83 12.7 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 25.345 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 96 Resp: 94642
Ion Ratio Lower Upper
96 100
61 142.6 98.2 182.4
98 61.7 41.9 77.9

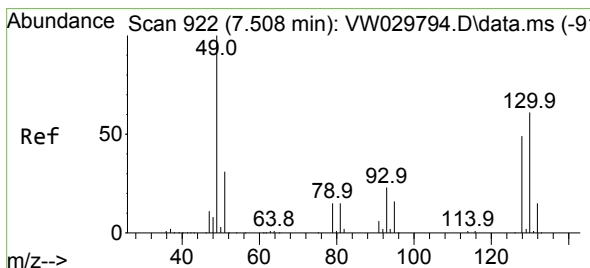
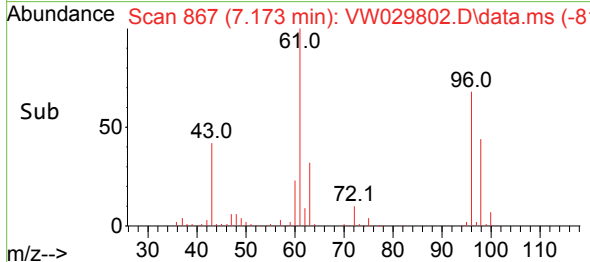
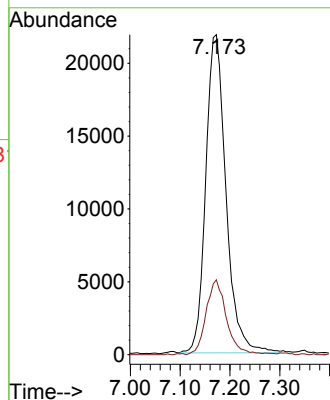
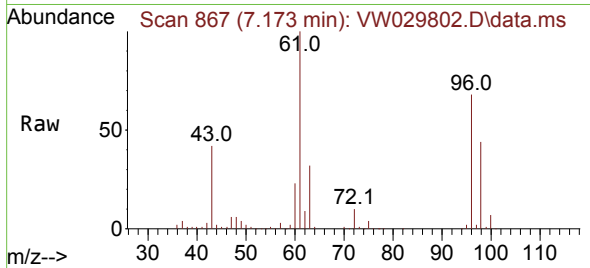




#22
2-Butanone
Concen: 42.495 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

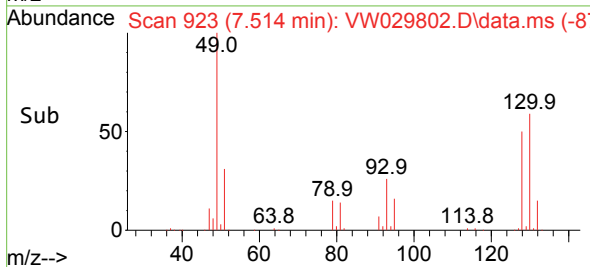
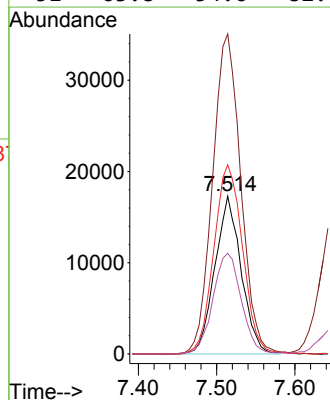
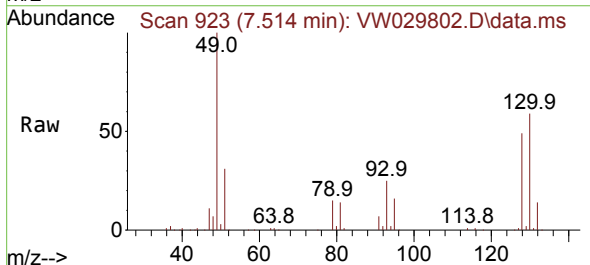
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

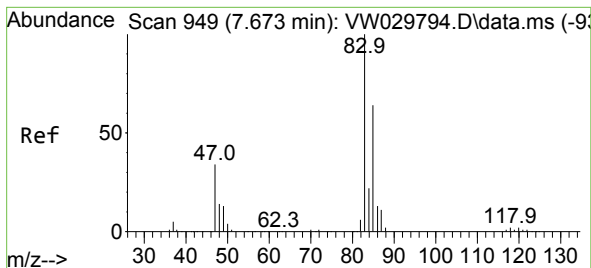
Tgt Ion: 43 Resp: 61569
Ion Ratio Lower Upper
43 100
72 23.5 11.7 35.1



#23
Bromochloromethane
Concen: 25.485 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 128 Resp: 40400
Ion Ratio Lower Upper
128 100
49 202.9 151.1 280.7
130 119.9 96.8 179.8
51 63.8 54.6 82.0





#25

Chloroform

Concen: 25.739 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029802.D

Acq: 30 Jul 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

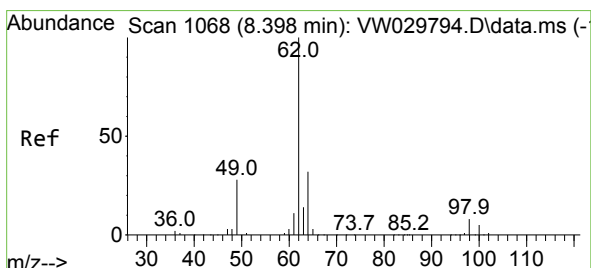
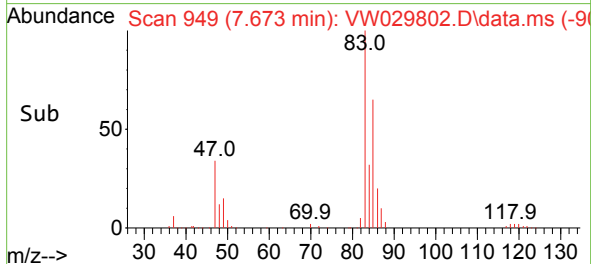
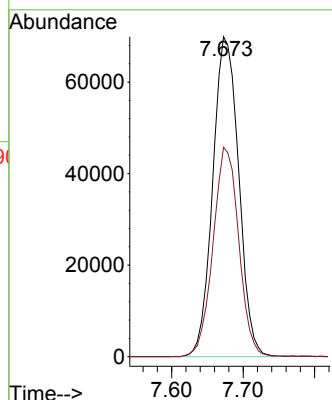
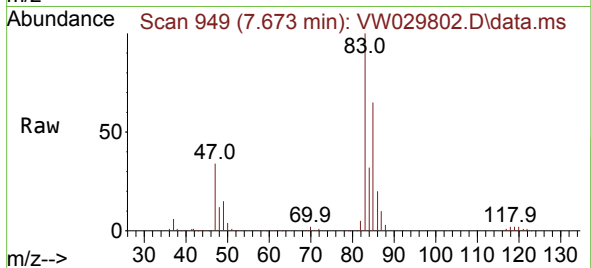
VSTD025562

Tgt Ion: 83 Resp: 176067

Ion Ratio Lower Upper

83 100

85 65.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 25.830 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029802.D

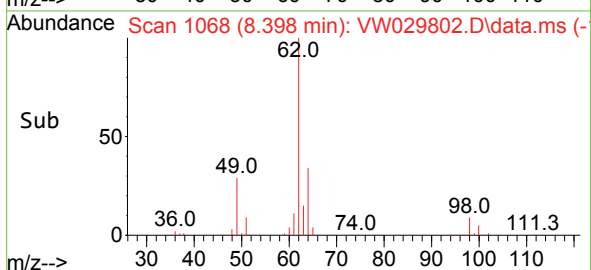
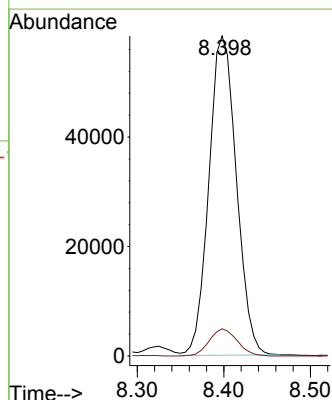
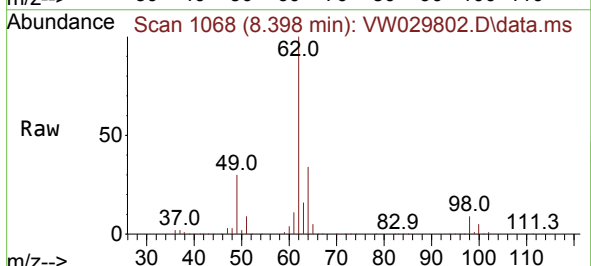
Acq: 30 Jul 2024 17:00

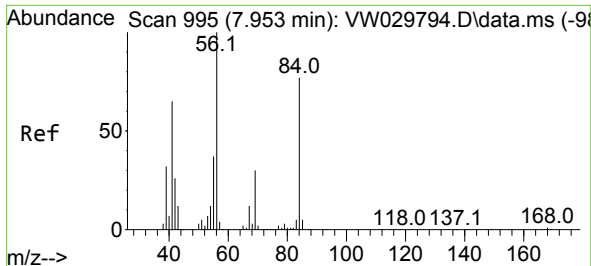
Tgt Ion: 62 Resp: 128767

Ion Ratio Lower Upper

62 100

98 8.5 6.6 10.0

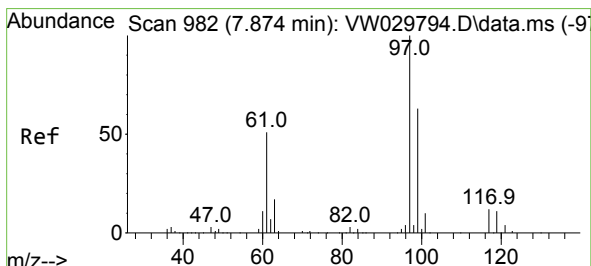
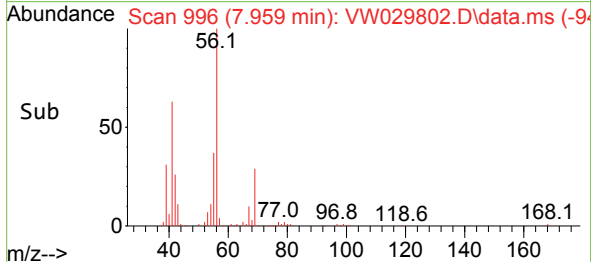
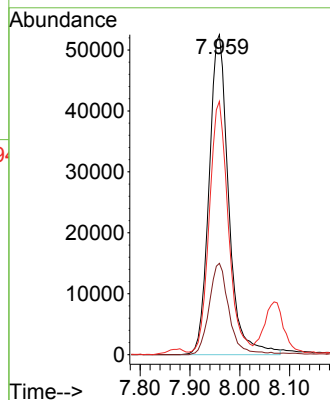
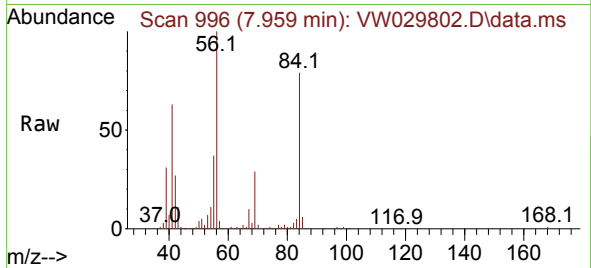




#29
Cyclohexane
Concen: 23.072 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

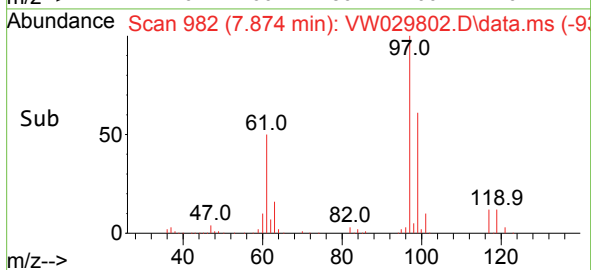
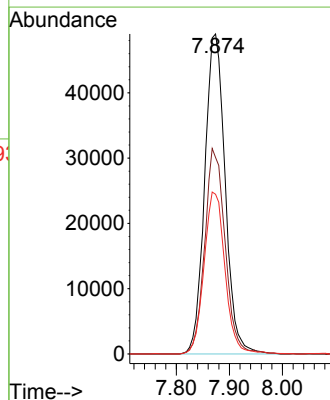
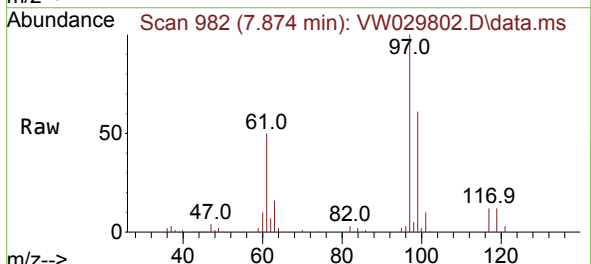
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

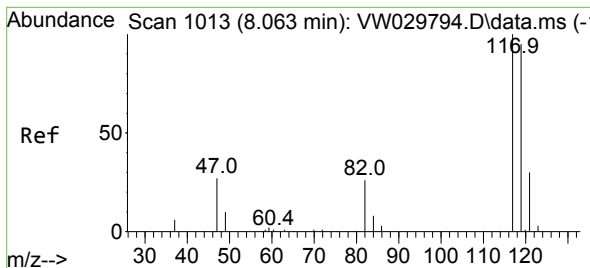
Tgt Ion: 56 Resp: 143316
Ion Ratio Lower Upper
56 100
69 28.4 23.0 34.4
84 76.7 63.5 95.3



#30
1,1,1-Trichloroethane
Concen: 23.764 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 97 Resp: 131540
Ion Ratio Lower Upper
97 100
99 63.6 52.1 78.1
61 51.5 42.6 63.8

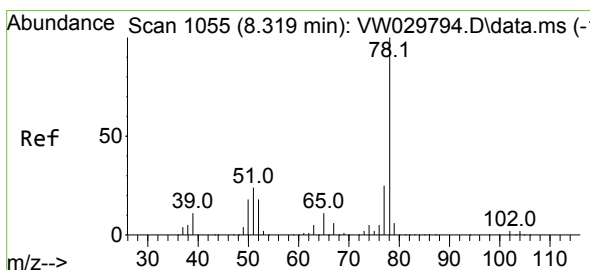
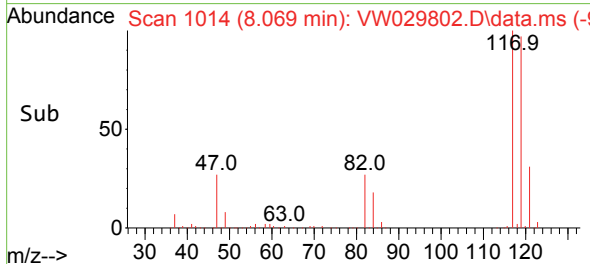
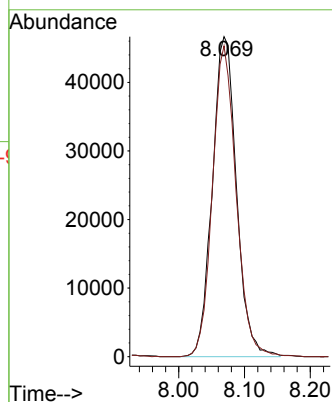
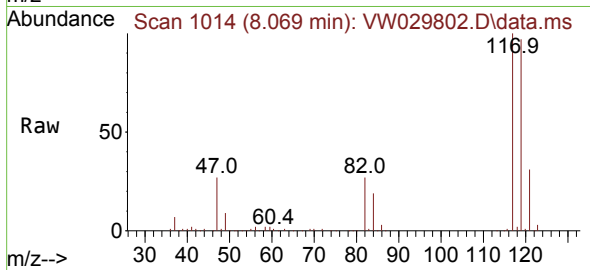




#31
Carbon tetrachloride
Concen: 23.946 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

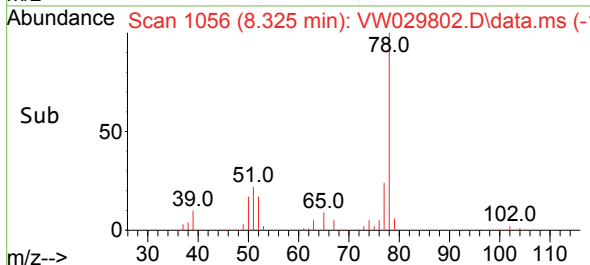
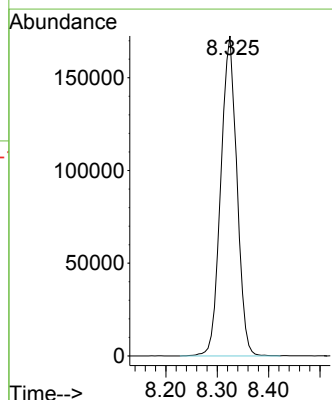
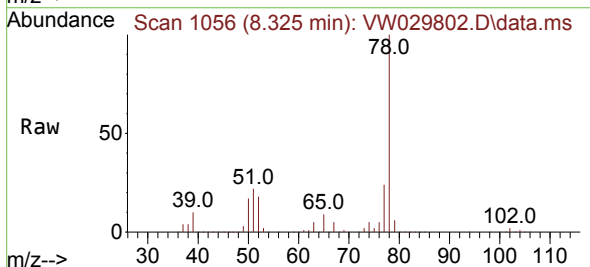
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

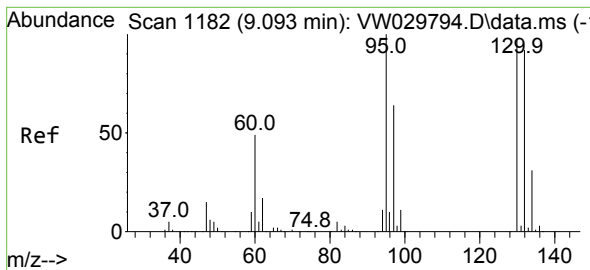
Tgt Ion:117 Resp: 119436
Ion Ratio Lower Upper
117 100
119 95.4 74.8 112.2



#33
Benzene
Concen: 25.122 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 78 Resp: 376249



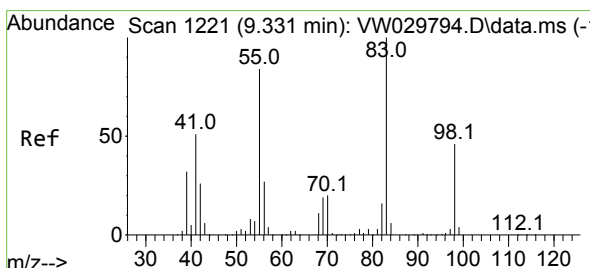
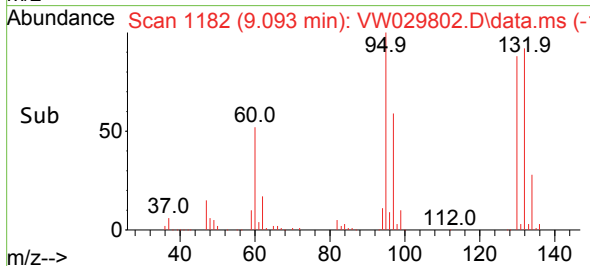
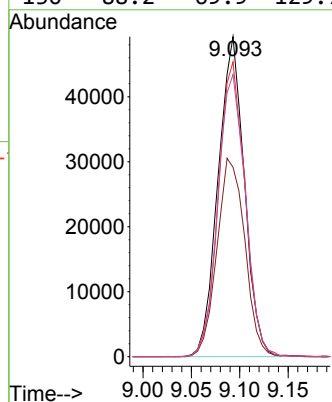
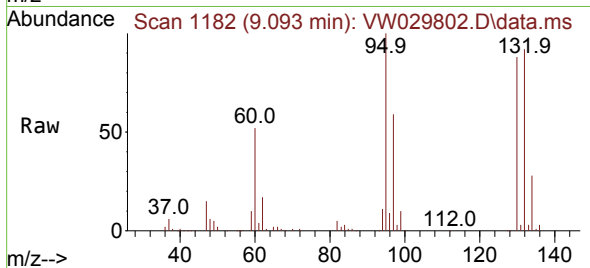


#34
Trichloroethene
Concen: 23.615 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

Tgt Ion: 95 Resp: 92716

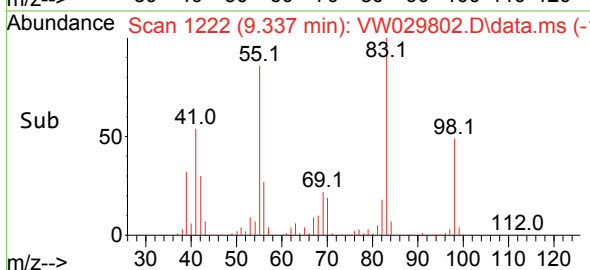
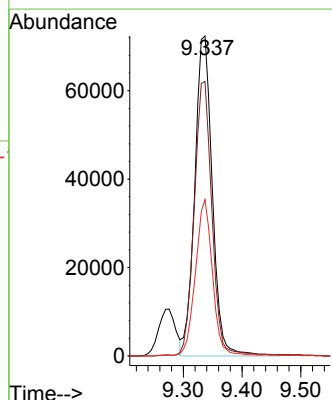
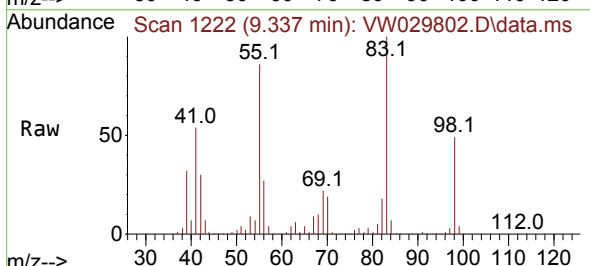
Ion	Ratio	Lower	Upper
95	100		
97	59.2	45.6	84.8
132	92.2	65.2	121.0
130	88.2	69.9	129.7

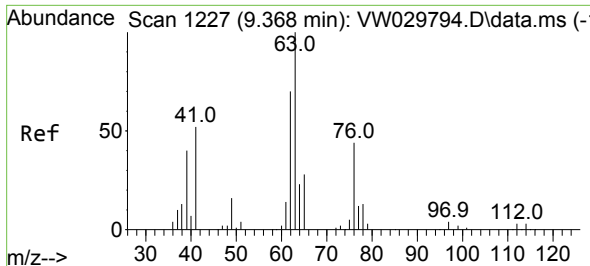


#35
Methylcyclohexane
Concen: 23.053 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 83 Resp: 150815

Ion	Ratio	Lower	Upper
83	100		
55	85.4	67.4	101.2
98	47.4	36.7	55.1

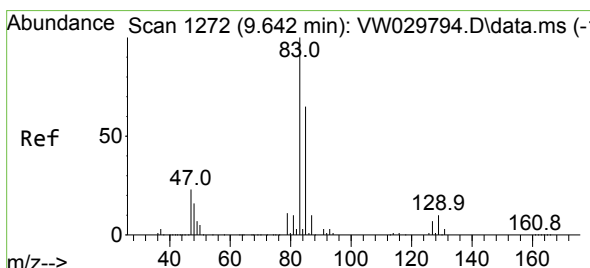
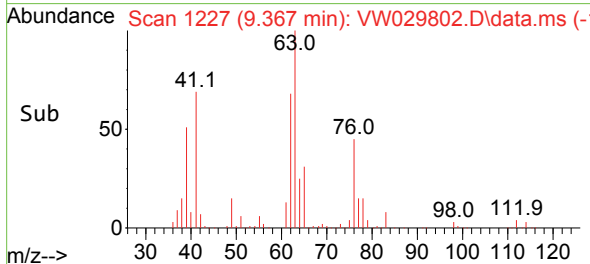
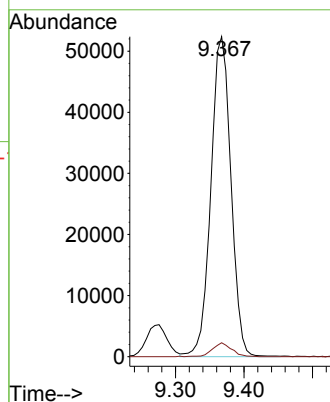
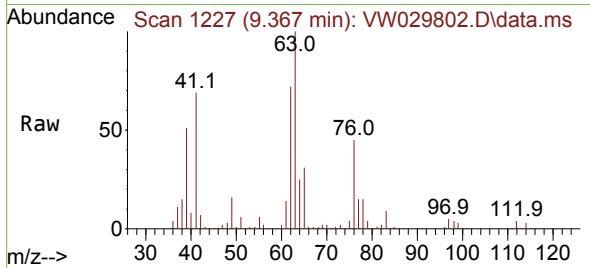




#37
1,2-Dichloropropane
Concen: 25.918 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

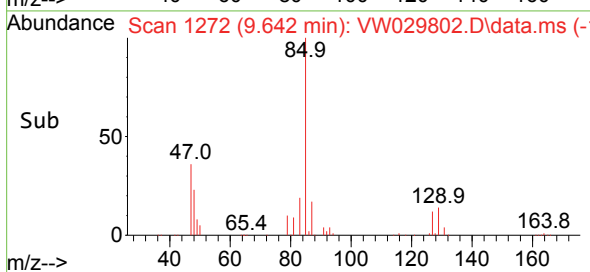
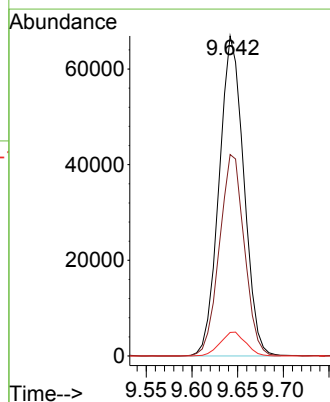
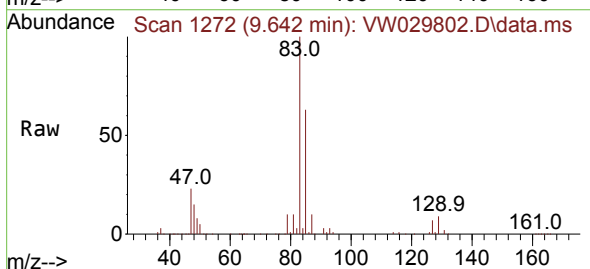
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

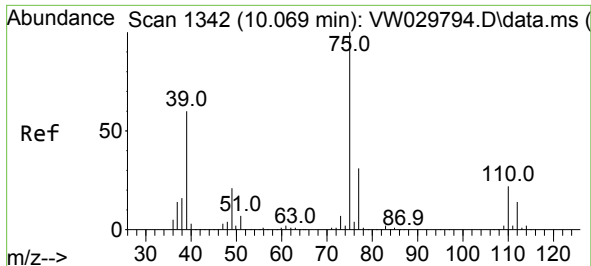
Tgt Ion: 63 Resp: 106372
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 25.767 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 83 Resp: 125932
Ion Ratio Lower Upper
83 100
85 63.0 46.6 86.6
127 7.3 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 24.959 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW029802.D

Acq: 30 Jul 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

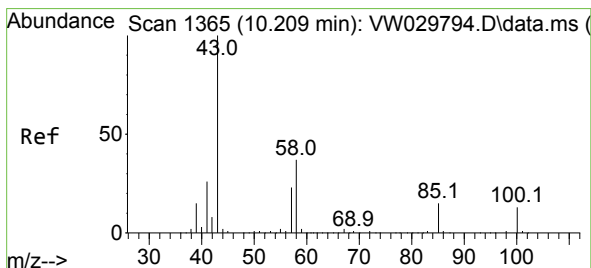
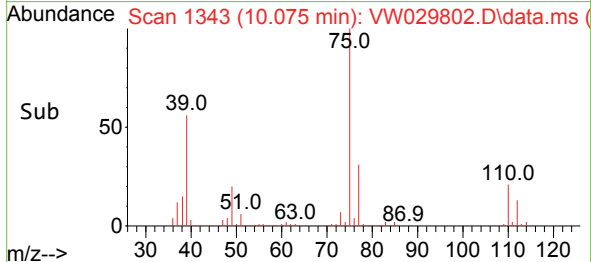
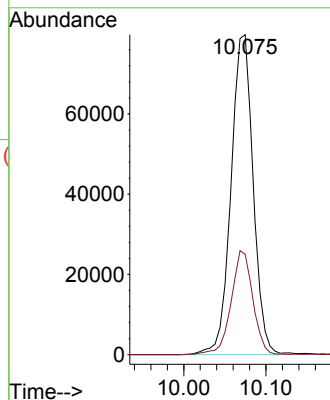
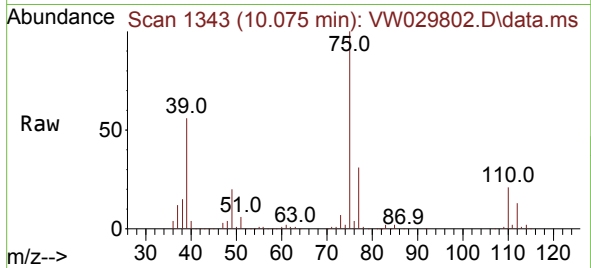
VSTD025562

Tgt Ion: 75 Resp: 149184

Ion Ratio Lower Upper

75 100

77 31.4 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 53.118 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029802.D

Acq: 30 Jul 2024 17:00

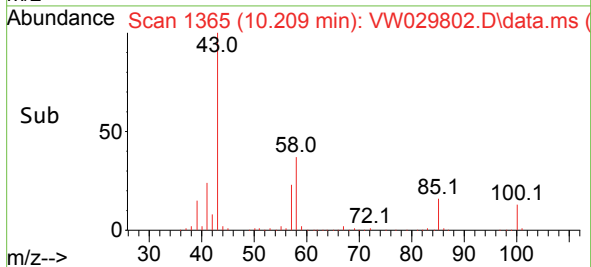
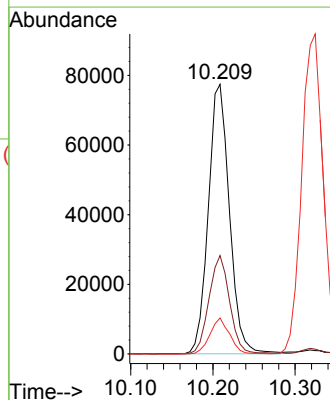
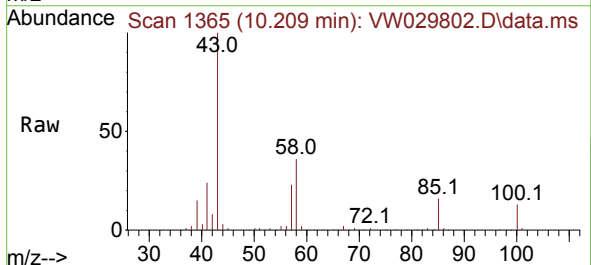
Tgt Ion: 43 Resp: 138474

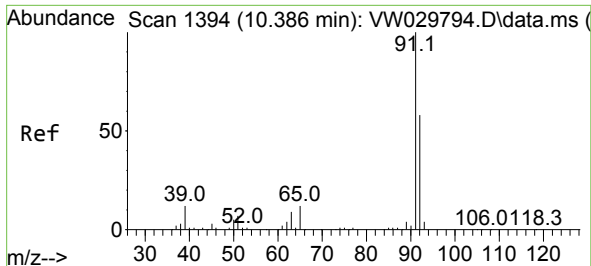
Ion Ratio Lower Upper

43 100

58 35.6 28.7 43.1

100 12.5 10.0 15.0

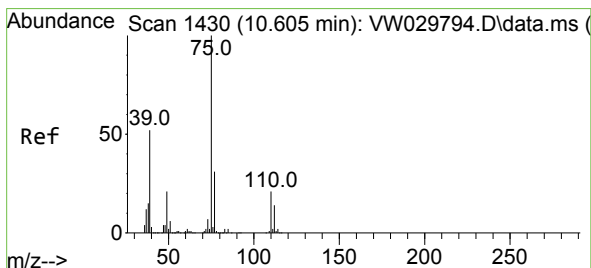
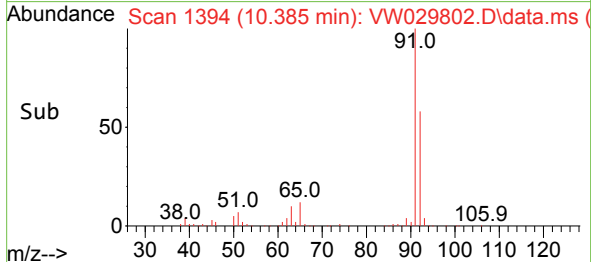
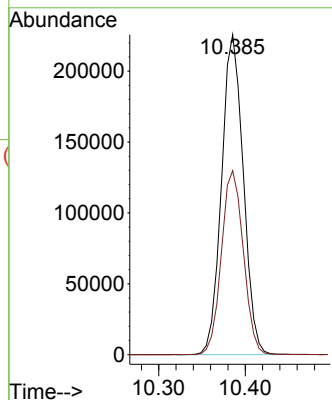
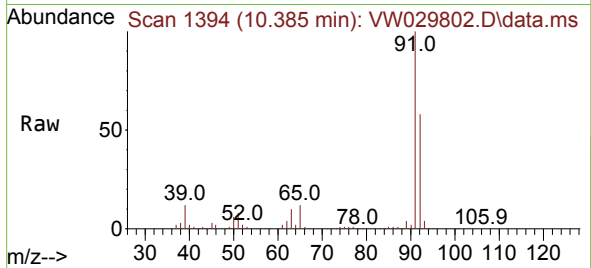




#42
Toluene
Concen: 25.733 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

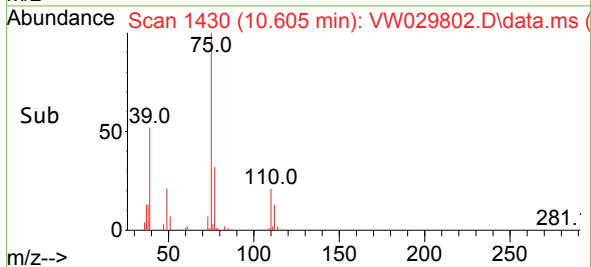
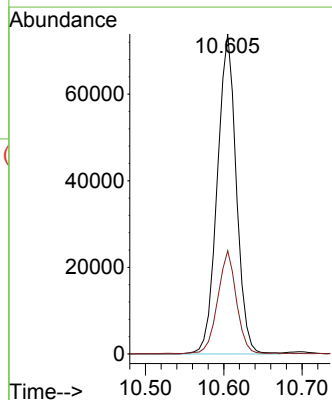
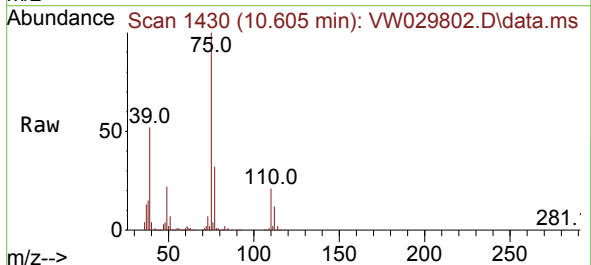
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

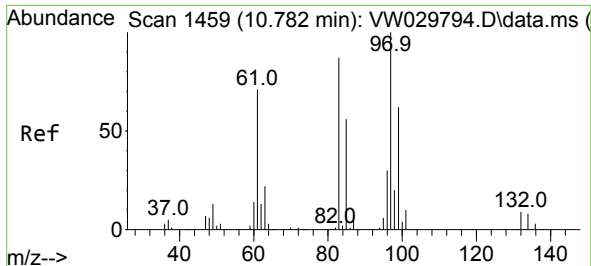
Tgt Ion: 91 Resp: 393390
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 25.175 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 75 Resp: 124914
Ion Ratio Lower Upper
75 100
77 32.3 22.0 41.0

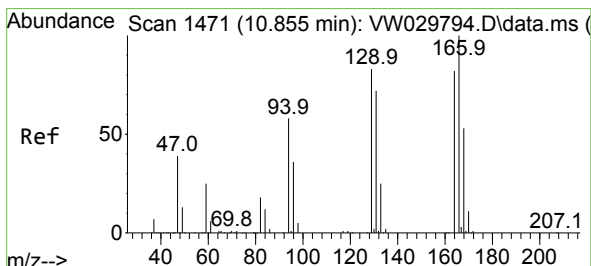
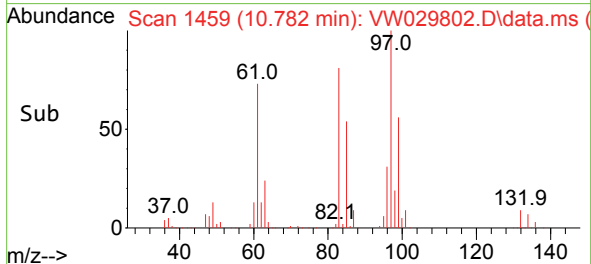
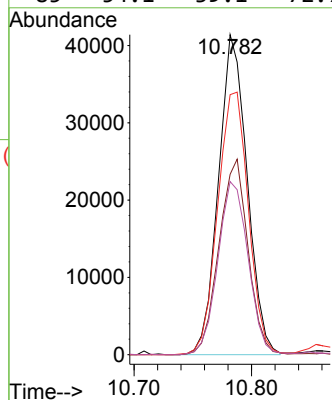
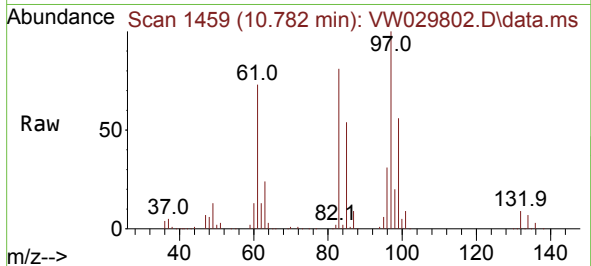




#45
1,1,2-Trichloroethane
Concen: 25.500 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

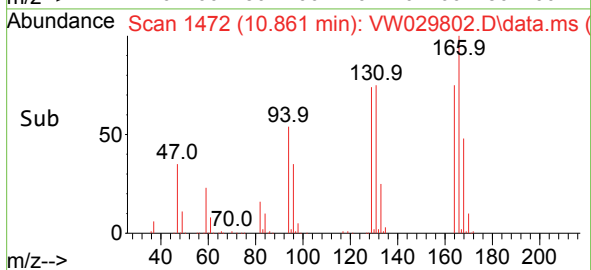
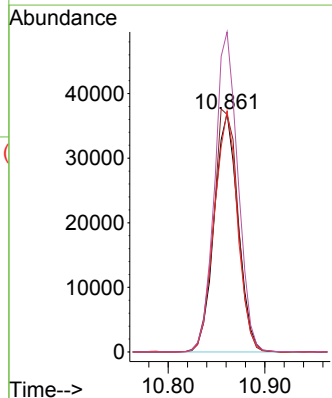
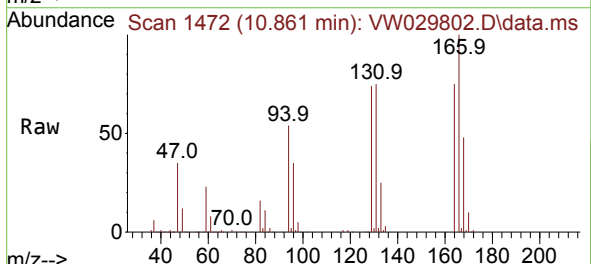
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

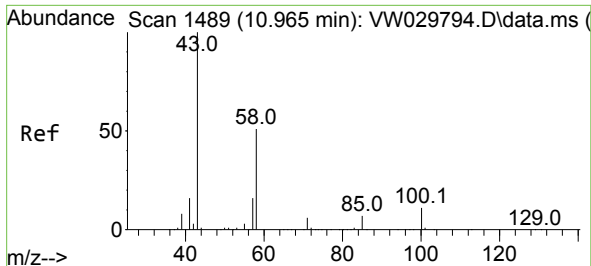
Tgt Ion:	97	Resp:	70308
Ion	Ratio	Lower	Upper
97	100		
99	56.3	40.1	74.5
83	81.3	58.5	108.7
85	54.1	39.1	72.7



#46
Tetrachloroethene
Concen: 22.108 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion:	164	Resp:	63088
Ion	Ratio	Lower	Upper
164	100		
129	99.6	77.8	144.6
131	101.0	70.9	131.7
166	134.2	91.5	169.9

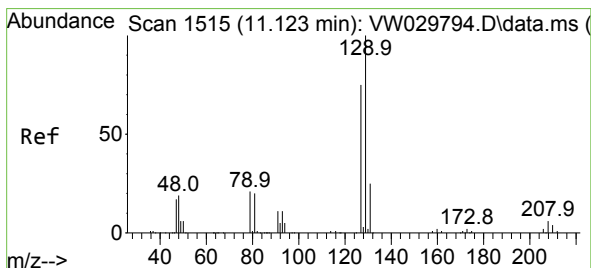
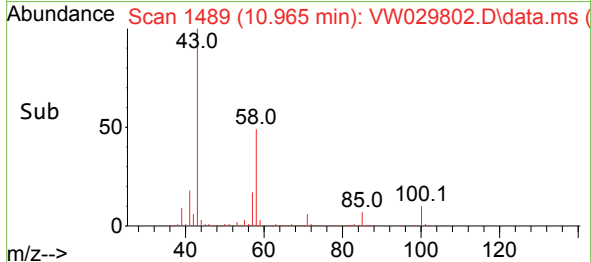
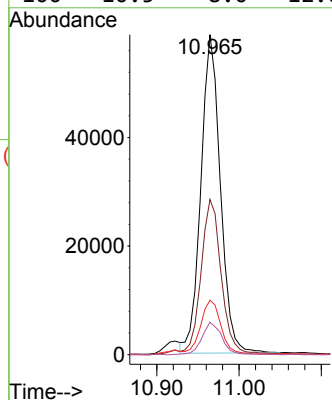
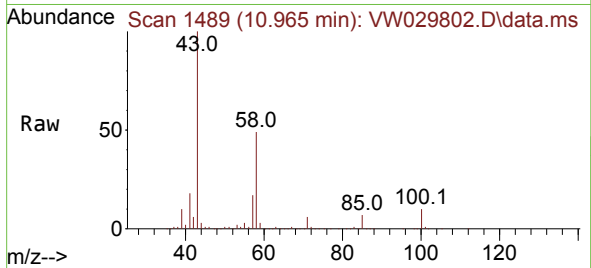




#48
2-Hexanone
Concen: 49.395 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

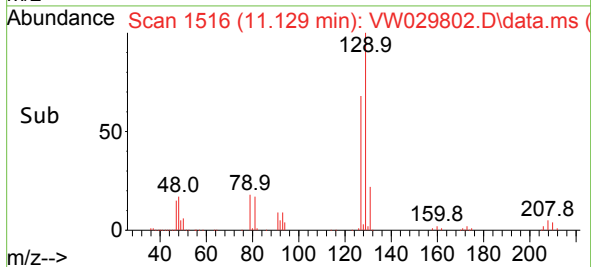
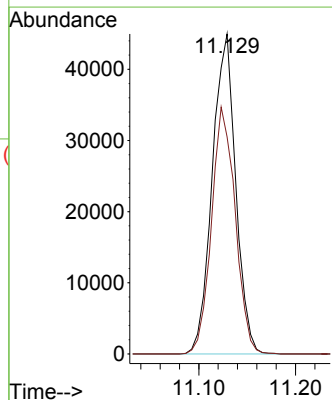
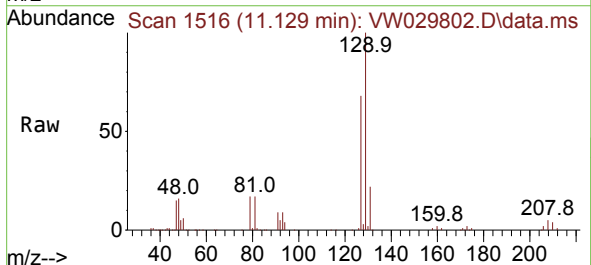
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

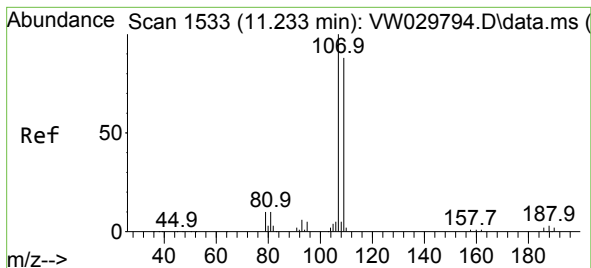
Tgt Ion:	43	Resp:	96442
Ion	Ratio	Lower	Upper
43	100		
58	49.9	41.0	61.4
57	18.0	14.1	21.1
100	10.5	8.0	12.0



#49
Dibromochloromethane
Concen: 26.413 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion:	129	Resp:	75602
Ion	Ratio	Lower	Upper
129	100		
127	67.9	52.4	97.2

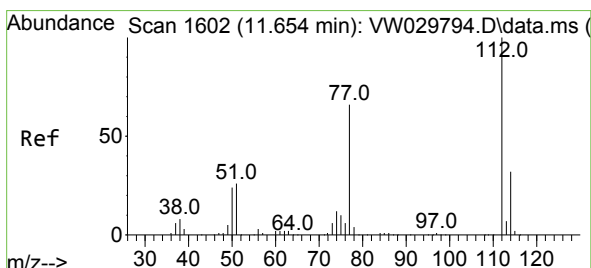
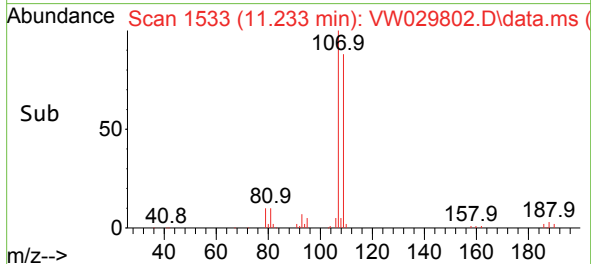
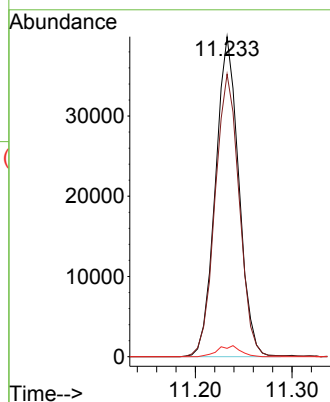
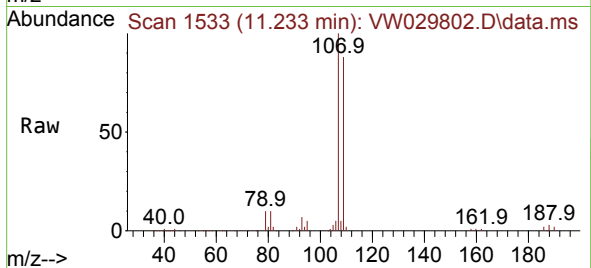




#50
1,2-Dibromoethane
Concen: 26.232 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

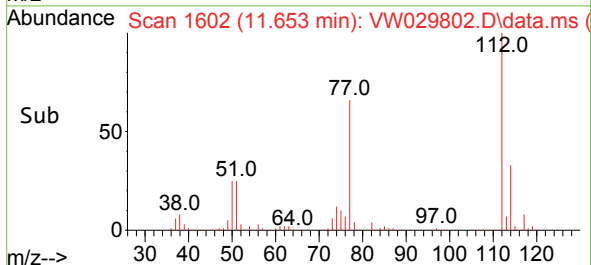
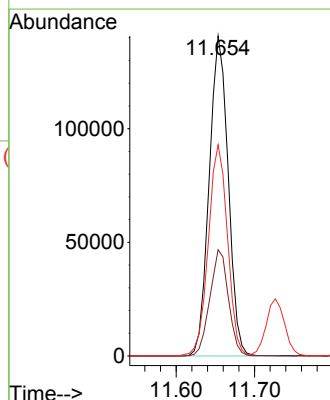
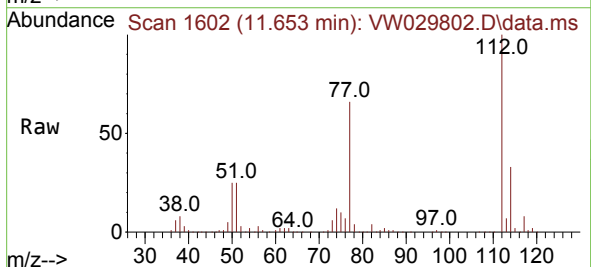
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

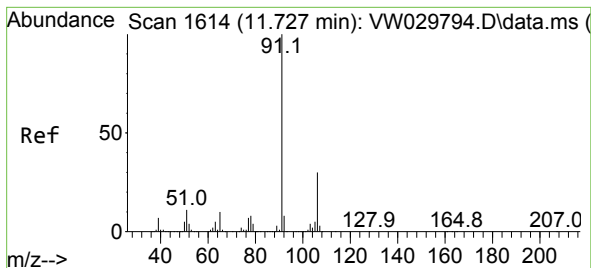
Tgt Ion:107 Resp: 66922
Ion Ratio Lower Upper
107 100
109 88.3 64.8 120.3
188 2.6 2.7 4.1#



#51
Chlorobenzene
Concen: 24.891 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion:112 Resp: 236688
Ion Ratio Lower Upper
112 100
114 33.2 22.0 40.8
77 66.0 53.8 80.8

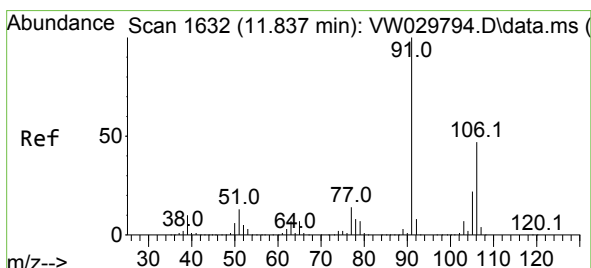
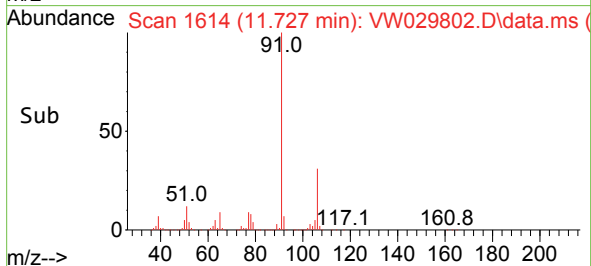
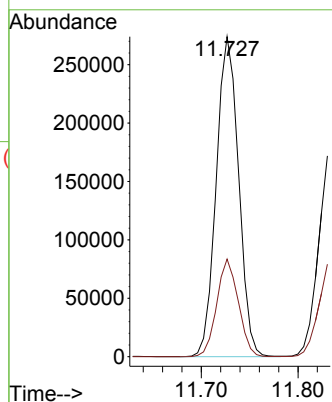
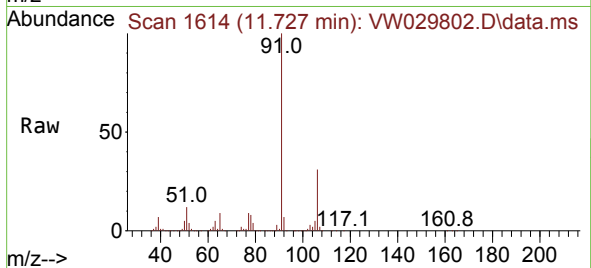




#52
Ethylbenzene
Concen: 25.503 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

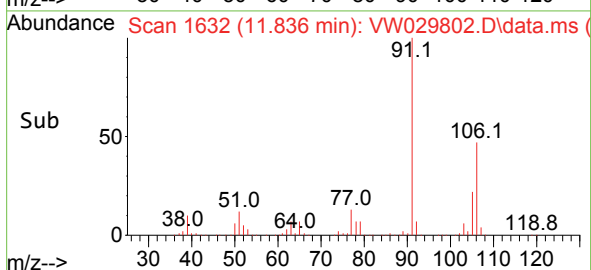
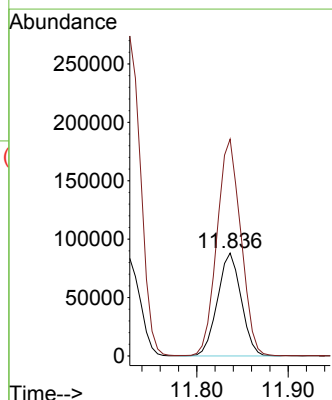
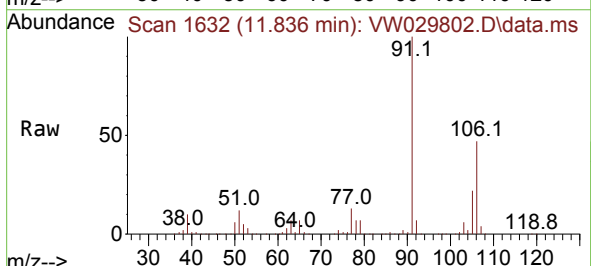
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

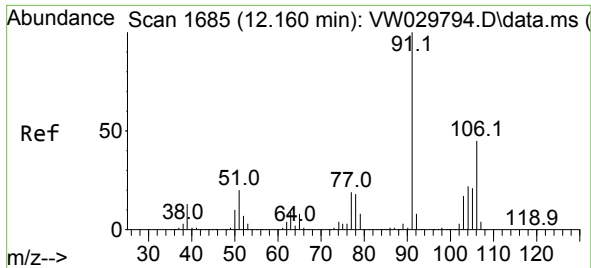
Tgt Ion: 91 Resp: 439776
Ion Ratio Lower Upper
91 100
106 30.5 20.4 38.0



#53
m,p-Xylene
Concen: 24.965 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 106 Resp: 158324
Ion Ratio Lower Upper
106 100
91 210.9 151.4 281.2

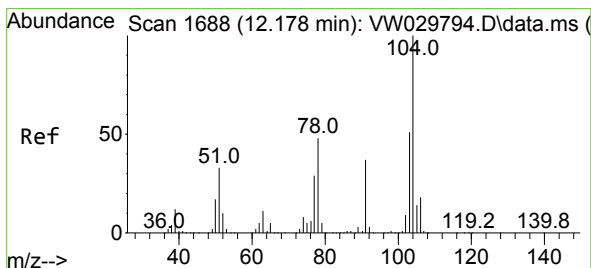
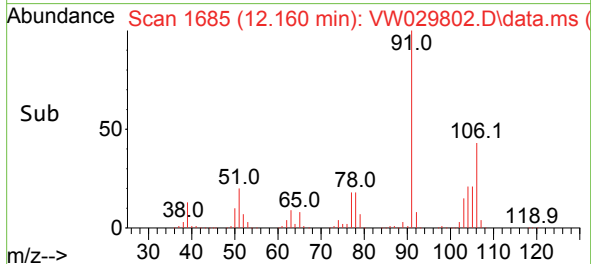
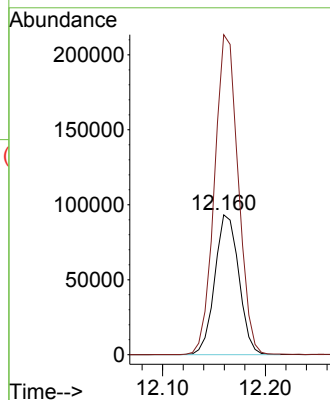
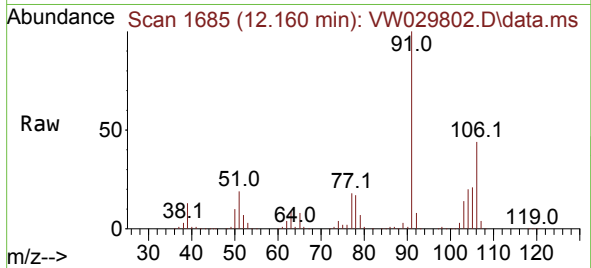




#54
o-Xylene
Concen: 25.932 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

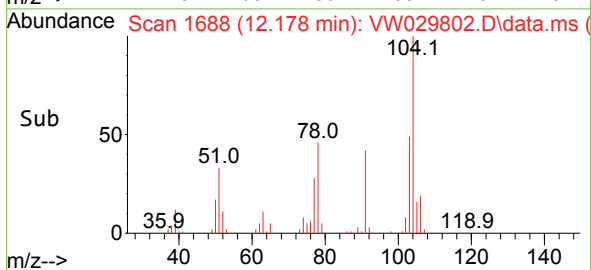
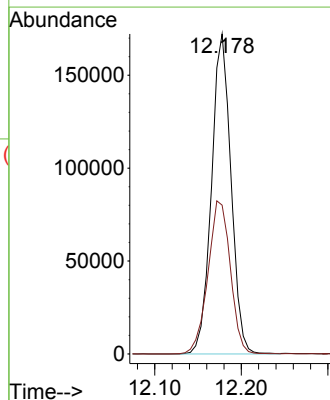
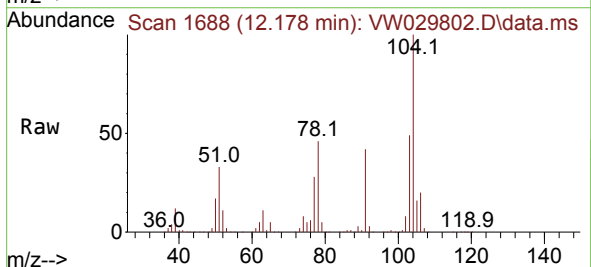
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

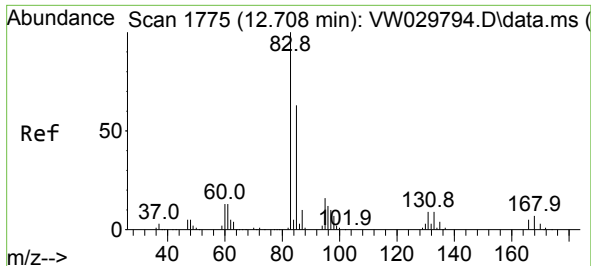
Tgt Ion:106 Resp: 151448
Ion Ratio Lower Upper
106 100
91 228.9 155.8 289.4



#55
Styrene
Concen: 26.635 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion:104 Resp: 269634
Ion Ratio Lower Upper
104 100
78 46.5 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.932 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029802.D

Acq: 30 Jul 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

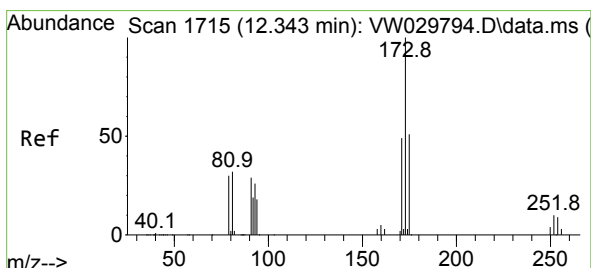
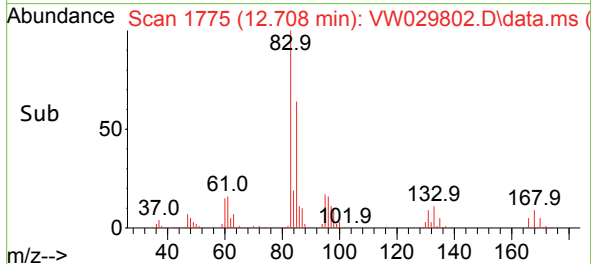
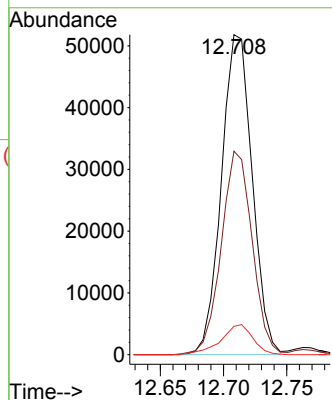
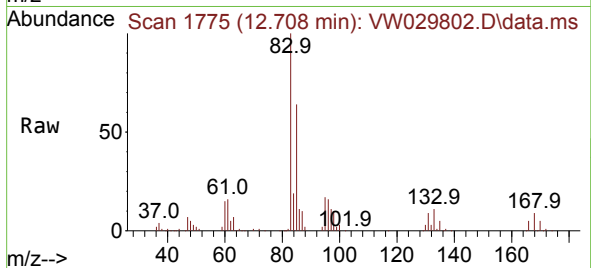
Tgt Ion: 83 Resp: 87757

Ion Ratio Lower Upper

83 100

85 63.6 44.2 82.0

131 8.8 6.2 9.2



#59

Bromoform

Concen: 24.457 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029802.D

Acq: 30 Jul 2024 17:00

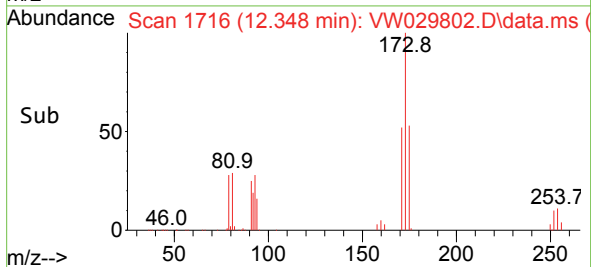
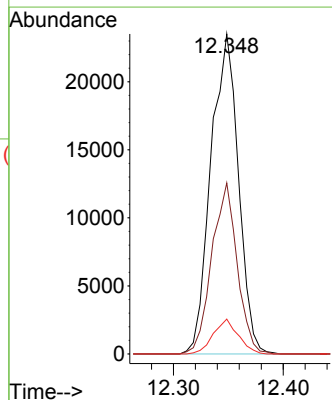
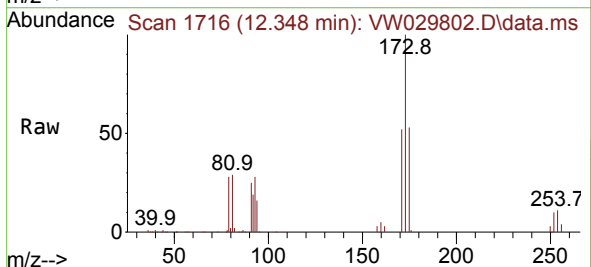
Tgt Ion:173 Resp: 41084

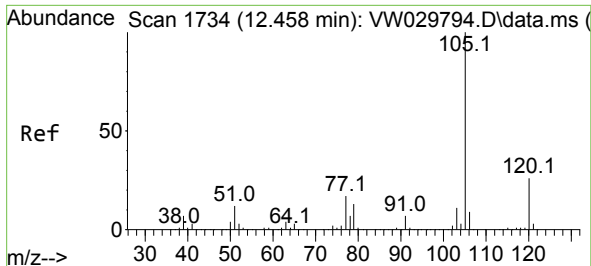
Ion Ratio Lower Upper

173 100

175 49.2 38.1 57.1

254 9.9 7.8 11.6

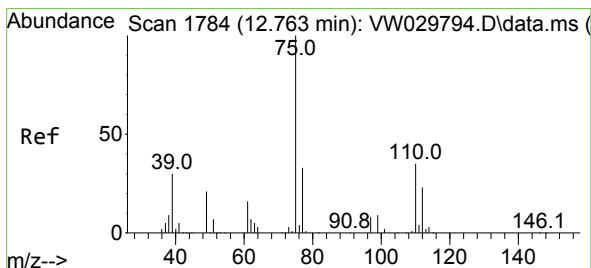
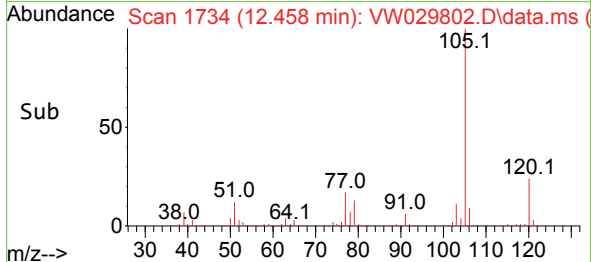
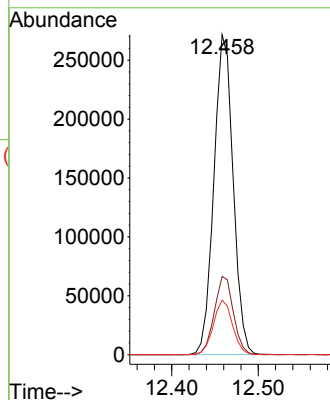
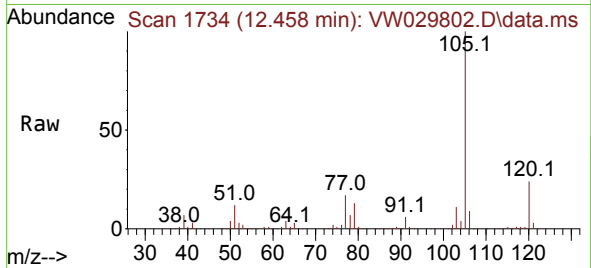




#60
Isopropylbenzene
Concen: 24.273 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

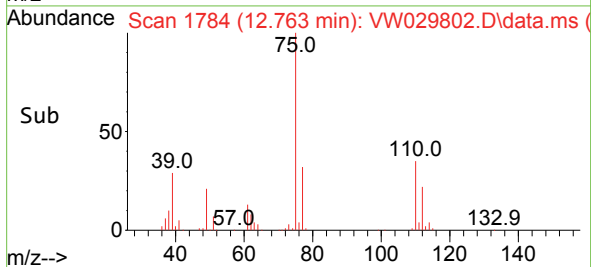
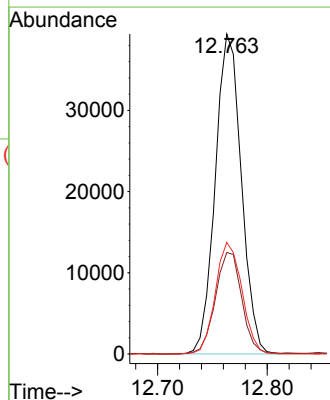
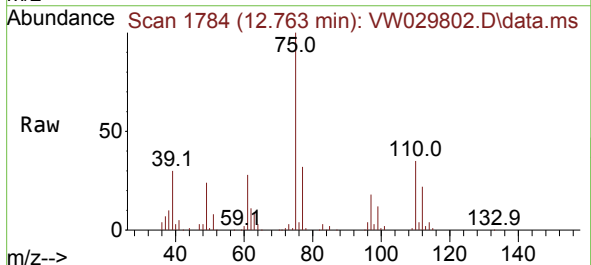
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

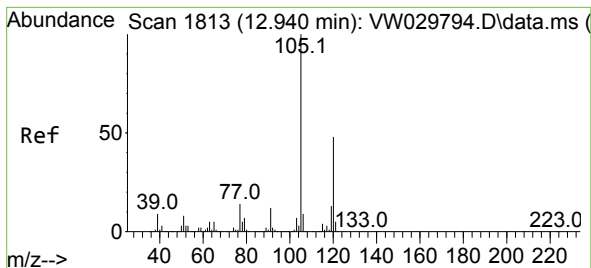
Tgt Ion:105 Resp: 419328
Ion Ratio Lower Upper
105 100
120 24.2 20.3 30.5
77 17.0 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 23.999 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion: 75 Resp: 65164
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
110 35.5 28.6 43.0

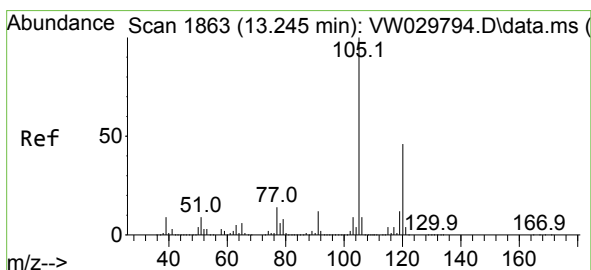
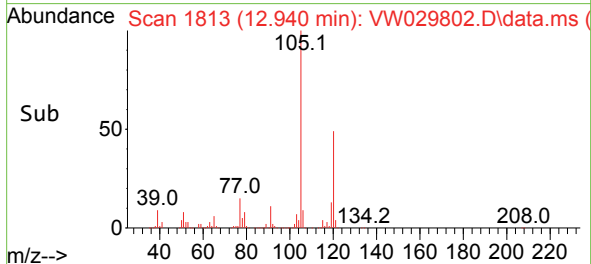
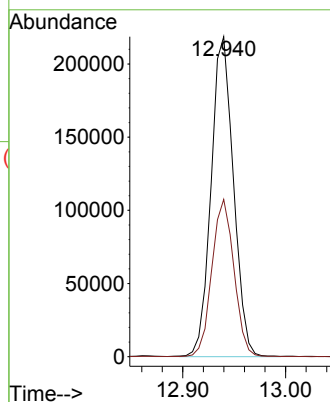
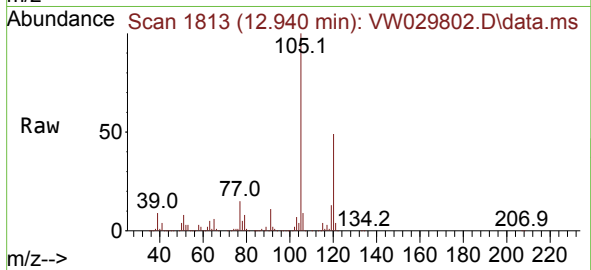




#62
1,3,5-Trimethylbenzene
Concen: 25.713 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

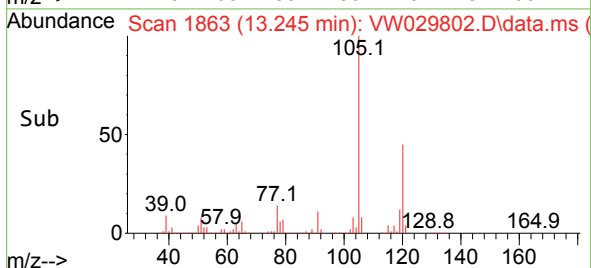
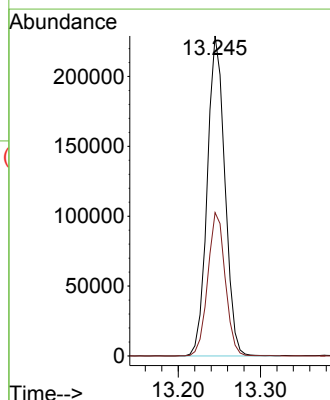
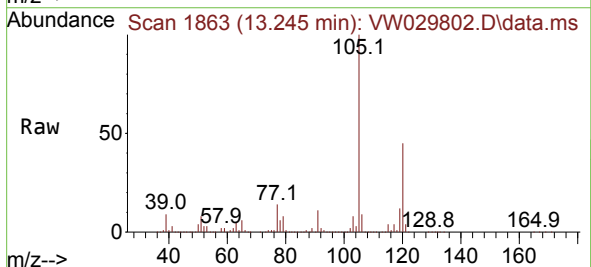
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

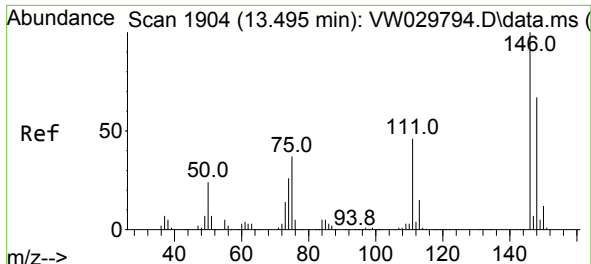
Tgt Ion:105 Resp: 330170
Ion Ratio Lower Upper
105 100
120 48.6 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 24.789 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion:105 Resp: 340425
Ion Ratio Lower Upper
105 100
120 44.5 35.4 53.0

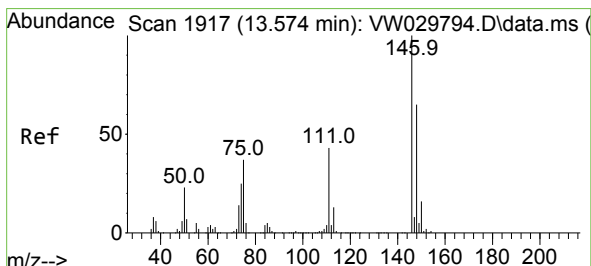
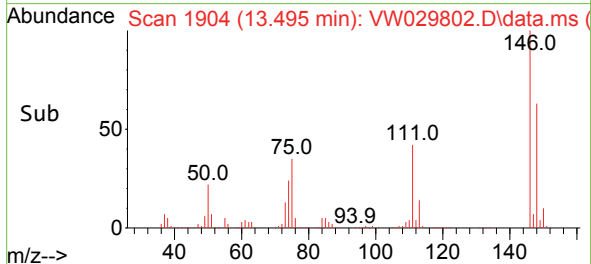
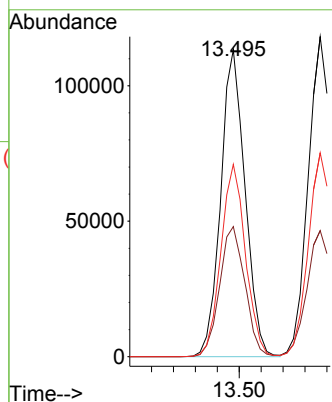
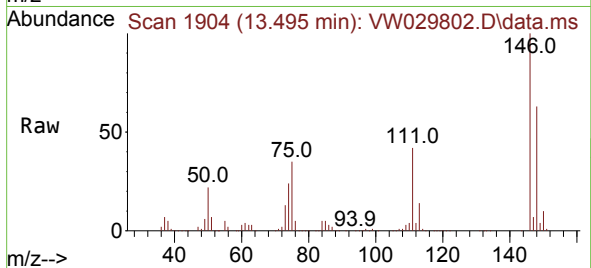




#64
1,3-Dichlorobenzene
Concen: 23.684 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

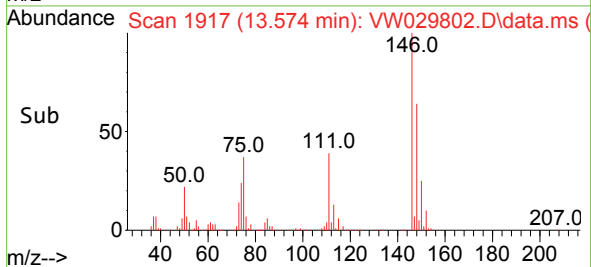
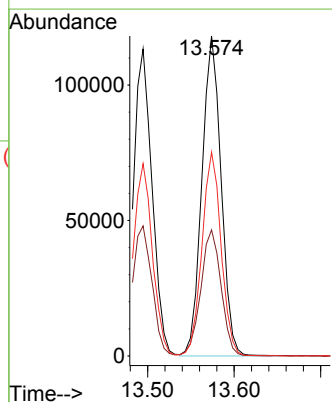
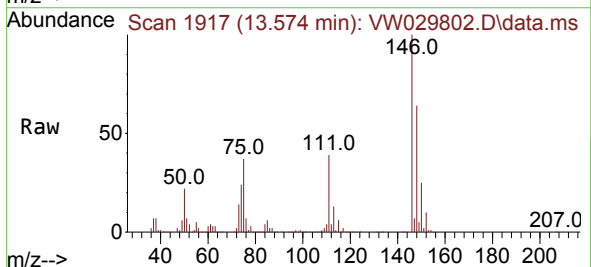
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

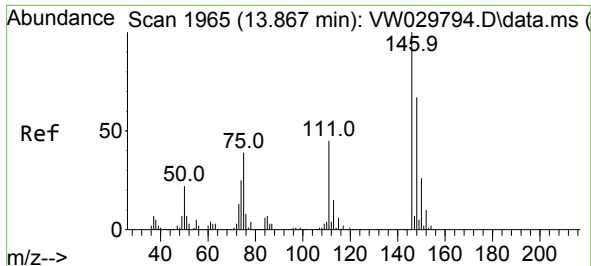
Tgt Ion:146 Resp: 174565
Ion Ratio Lower Upper
146 100
111 42.3 28.7 53.3
148 62.6 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 24.057 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029802.D
Acq: 30 Jul 2024 17:00

Tgt Ion:146 Resp: 182140
Ion Ratio Lower Upper
146 100
111 39.4 30.1 55.9
148 63.7 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 23.932 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029802.D

Acq: 30 Jul 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

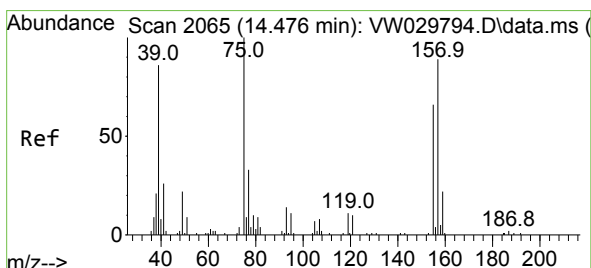
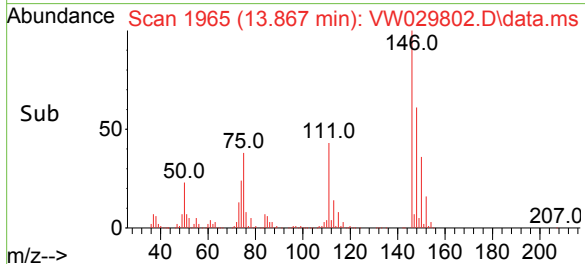
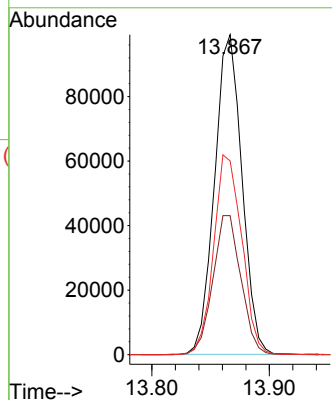
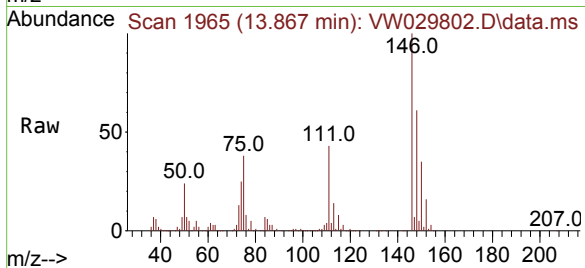
Tgt Ion:146 Resp: 160593

Ion Ratio Lower Upper

146 100

111 43.4 35.8 53.8

148 60.5 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.190 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW029802.D

Acq: 30 Jul 2024 17:00

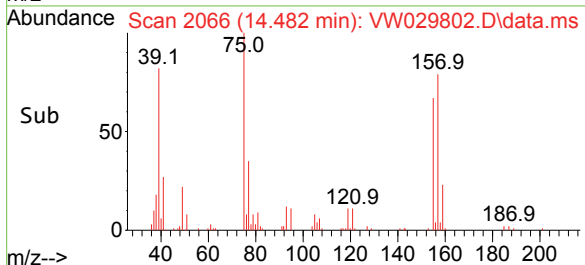
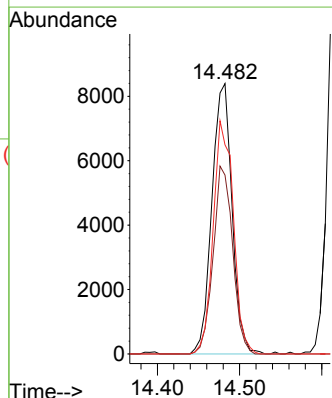
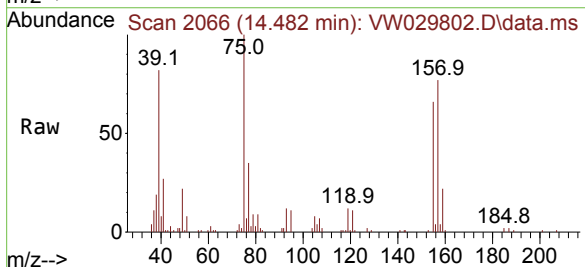
Tgt Ion: 75 Resp: 14297

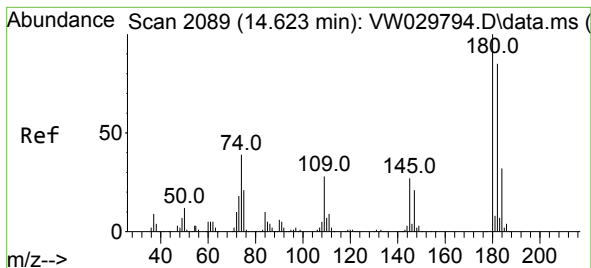
Ion Ratio Lower Upper

75 100

155 66.1 47.8 71.6

157 77.3 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 23.072 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW029802.D

Acq: 30 Jul 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

Tgt Ion:180 Resp: 116349

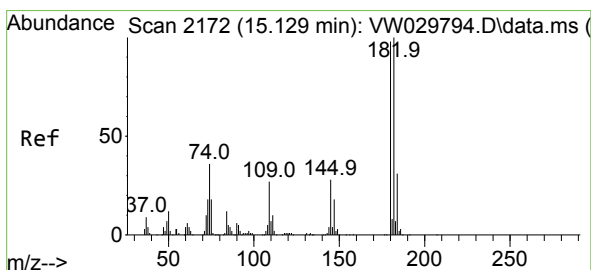
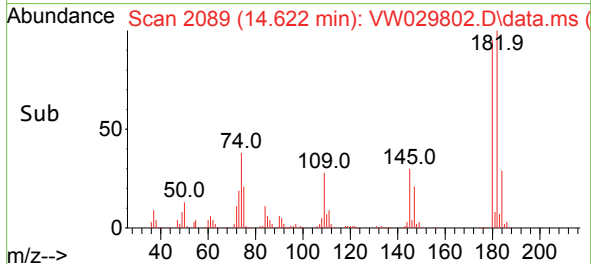
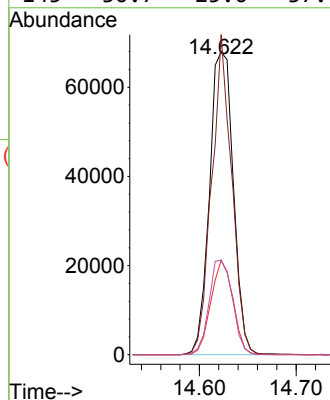
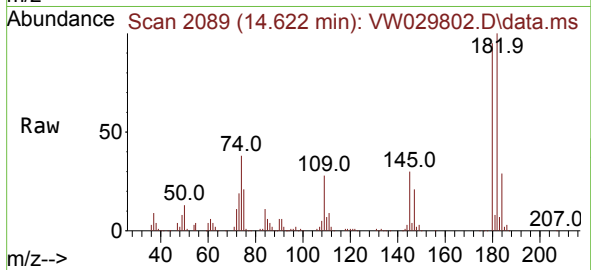
Ion Ratio Lower Upper

180 100

182 88.7 72.7 109.1

184 29.0 23.3 34.9

145 30.7 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 22.668 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029802.D

Acq: 30 Jul 2024 17:00

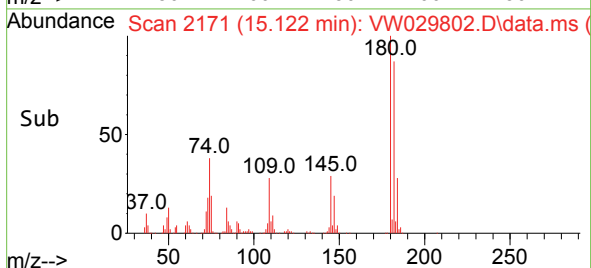
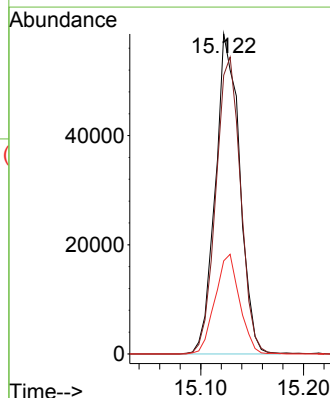
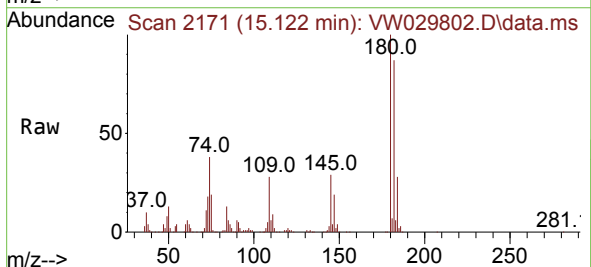
Tgt Ion:180 Resp: 96307

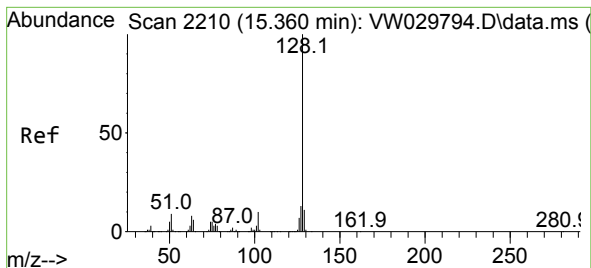
Ion Ratio Lower Upper

180 100

182 94.1 80.2 120.4

145 31.4 26.3 39.5





#71

Naphthalene

Concen: 24.998 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029802.D

Acq: 30 Jul 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

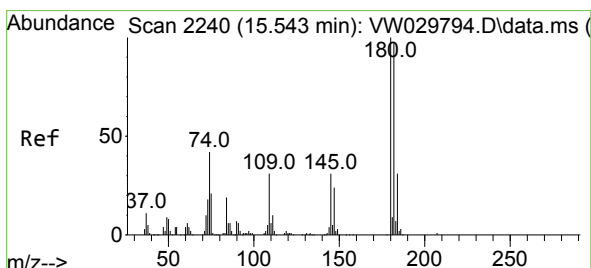
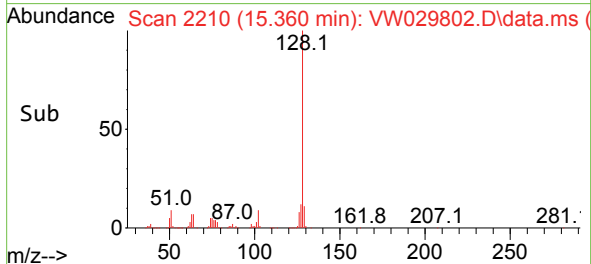
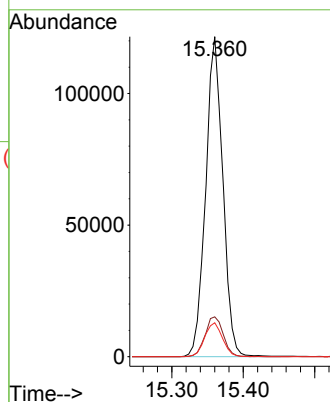
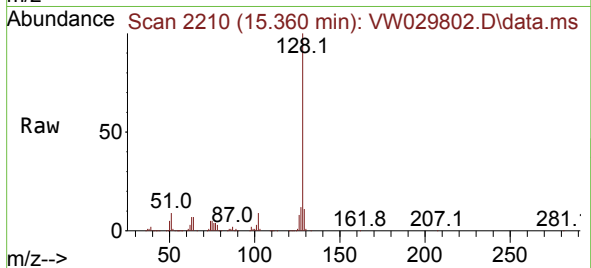
Tgt Ion:128 Resp: 202651

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 23.077 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029802.D

Acq: 30 Jul 2024 17:00

Tgt Ion:180 Resp: 88740

Ion Ratio Lower Upper

180 100

182 90.0 74.0 111.0

145 34.0 27.5 41.3

