

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083023\
 Data File : VW026966.D
 Acq On : 30 Aug 2023 15:55
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

Quant Time: Aug 31 01:31:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 31 01:29:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	285324	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289865	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	172265	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	83902	17.888	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.560%
7) Chloroethane-d5	2.893	69	71113	20.389	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.560%
11) 1,1-Dichloroethene-d2	4.027	65	47187	20.455	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.800%
21) 2-Butanone-d5	7.289	46	289	0.214	ug/L	0.21
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.420%#
24) Chloroform-d	7.642	84	236808	24.729	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	8.301	65	152298	28.819	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.280%
32) Benzene-d6	8.270	84	433260	21.688	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.760%
36) 1,2-Dichloropropane-d6	9.270	67	132248	21.252	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.000%
41) Toluene-d8	10.319	98	392878	22.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.640%
43) trans-1,3-Dichloroprop...	10.575	79	60148	23.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.640%
47) 2-Hexanone-d5	10.922	63	32955	50.400	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	120575	24.536	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.160%
66) 1,2-Dichlorobenzene-d4	13.855	152	137446	22.292	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78496	20.234	ug/L #	88
3) Chloromethane	2.223	50	118717	22.380	ug/L	99
5) Vinyl chloride	2.375	62	112683	22.221	ug/L	95
6) Bromomethane	2.783	94	67218	22.751	ug/L	97
8) Chloroethane	2.930	64	67608	22.251	ug/L	97
9) Trichlorofluoromethane	3.259	101	83703	20.113	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	91013	20.246	ug/L	93
12) 1,1-Dichloroethene	4.051	96	93586	22.191	ug/L	91
13) Acetone	4.112	43	53203	39.691	ug/L	97
14) Carbon disulfide	4.387	76	331539	21.852	ug/L	98
15) Methyl Acetate	4.661	43	70512	26.261	ug/L	99
16) Methylene chloride	4.923	84	131321	23.793	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	109548	23.278	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	193427	27.164	ug/L	95
19) 1,1-Dichloroethane	6.216	63	237582	24.529	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	125662	24.842	ug/L	97
22) 2-Butanone	7.167	43	99487	50.363	ug/L	99
23) Bromochloromethane	7.508	128	54776	25.068	ug/L	96
25) Chloroform	7.673	83	242608	25.927	ug/L	100

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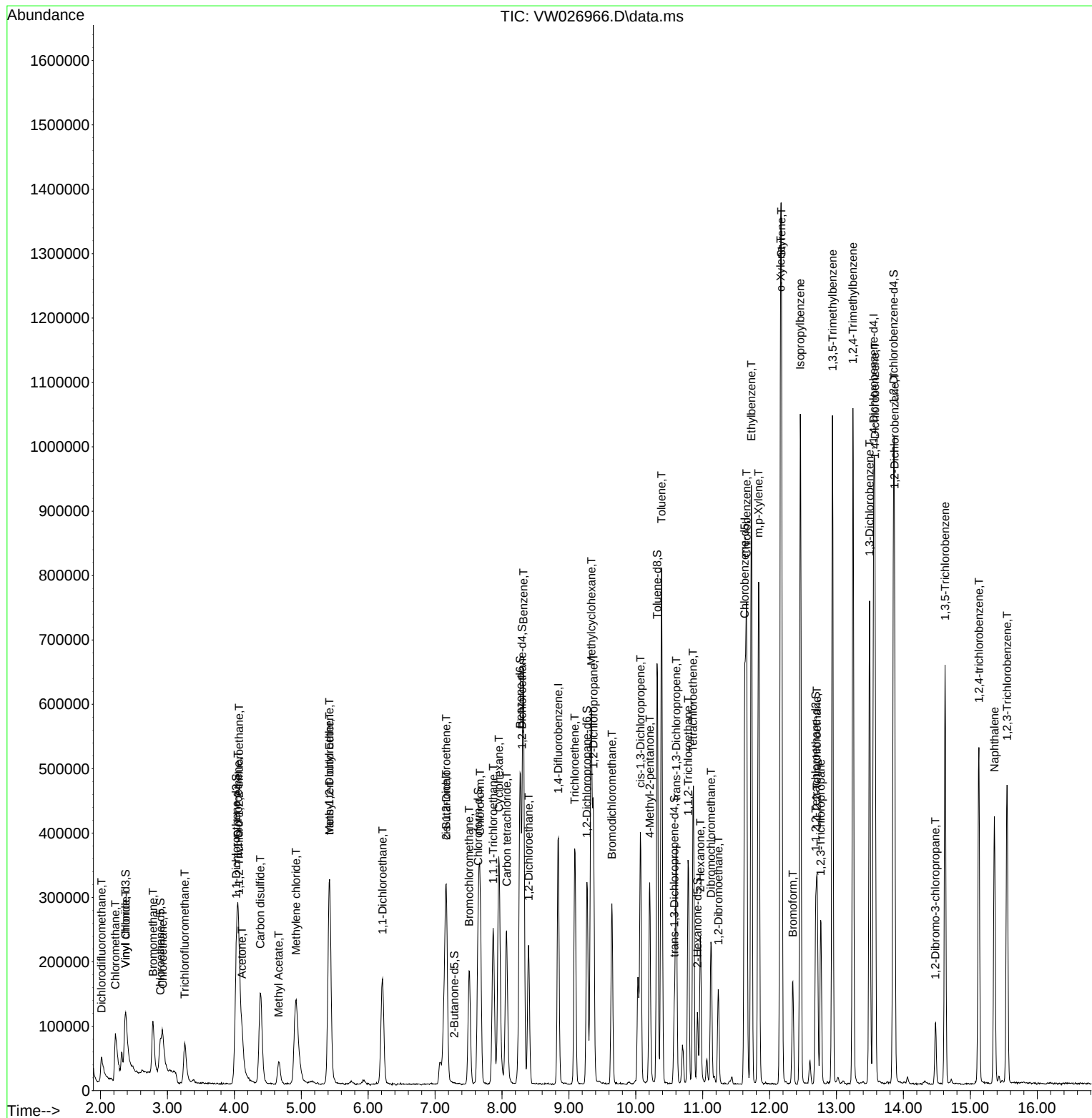
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	202372	31.001	ug/L #	93
29) Cyclohexane	7.953	56	199074	22.208	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	194175	25.668	ug/L	97
31) Carbon tetrachloride	8.069	117	178574	25.817	ug/L	94
33) Benzene	8.319	78	502275	23.795	ug/L	100
34) Trichloroethene	9.087	95	123012	22.881	ug/L	96
35) Methylcyclohexane	9.337	83	210332	22.869	ug/L	97
37) 1,2-Dichloropropane	9.368	63	138370	23.932	ug/L	99
38) Bromodichloromethane	9.642	83	179967	26.533	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	208353	25.049	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	212073	56.388	ug/L	97
42) Toluene	10.386	91	542874	25.423	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	187501	26.190	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	95868	24.244	ug/L	96
46) Tetrachloroethene	10.855	164	94401	24.170	ug/L	91
48) 2-Hexanone	10.965	43	148295	57.948	ug/L	96
49) Dibromochloromethane	11.123	129	110016	26.601	ug/L	98
50) 1,2-Dibromoethane	11.233	107	90687	24.442	ug/L	92
51) Chlorobenzene	11.654	112	331808	24.600	ug/L	99
52) Ethylbenzene	11.727	91	610159	25.481	ug/L	98
53) m,p-Xylene	11.837	106	229581	25.880	ug/L	93
54) o-Xylene	12.166	106	217612	26.284	ug/L	92
55) Styrene	12.178	104	392905	27.293	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	129544	25.868	ug/L	98
59) Bromoform	12.349	173	66903	24.792	ug/L #	93
60) Isopropylbenzene	12.458	105	607311	23.712	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	100682	24.095	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	510341	25.210	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	508207	25.619	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	264957	23.787	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	274222	23.591	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	248091	24.494	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	24768	24.587	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	173769	23.092	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	150137	23.532	ug/L	99
71) Naphthalene	15.360	128	322391	26.490	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	136265	23.679	ug/L	99

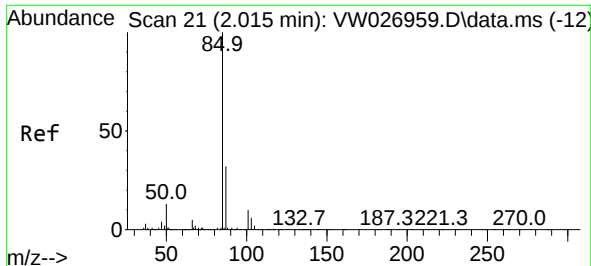
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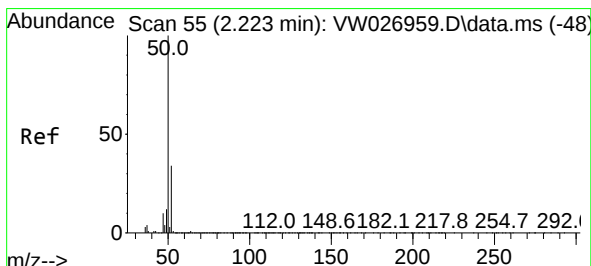
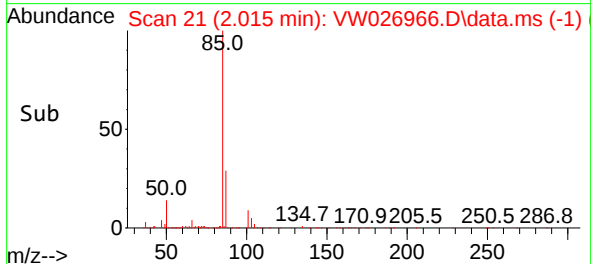
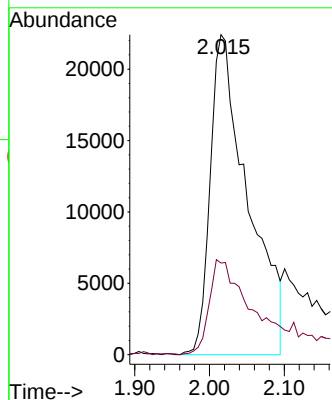
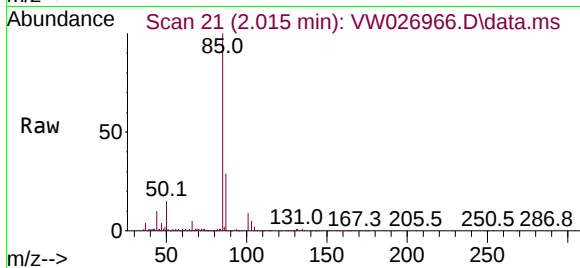




#2
Dichlorodifluoromethane
Concen: 20.234 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

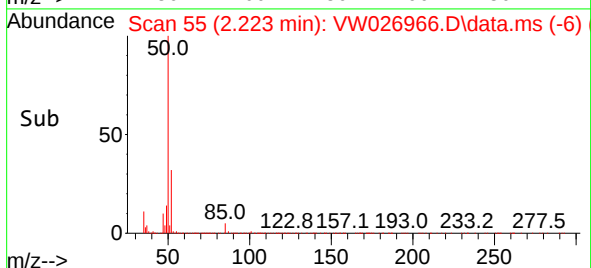
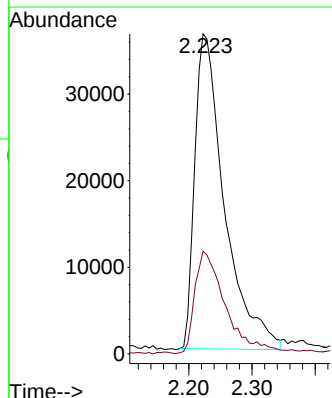
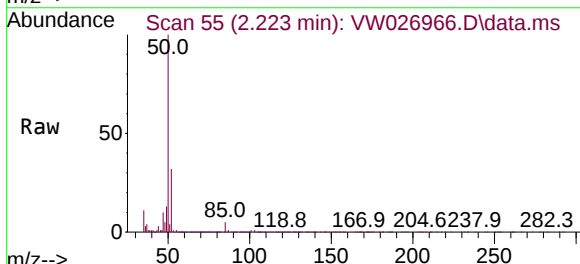
Instrument :
MSVOA_W
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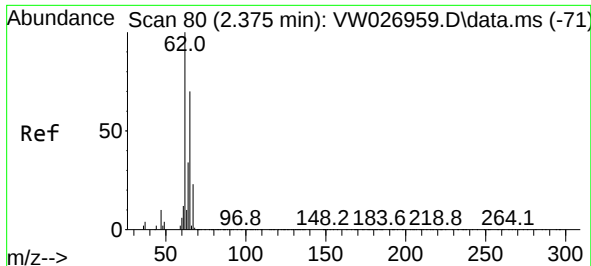
Tgt Ion: 85 Resp: 78496
Ion Ratio Lower Upper
85 100
87 18.3 19.5 29.3#



#3
Chloromethane
Concen: 22.380 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion: 50 Resp: 118717
Ion Ratio Lower Upper
50 100
52 32.1 23.0 42.8

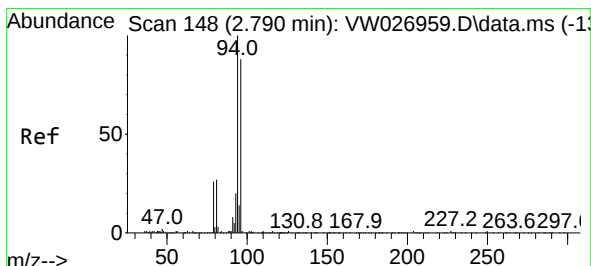
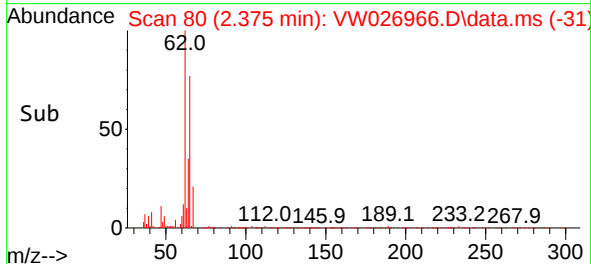
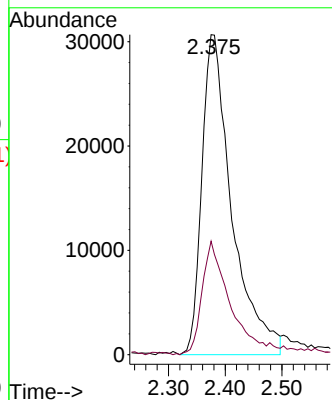
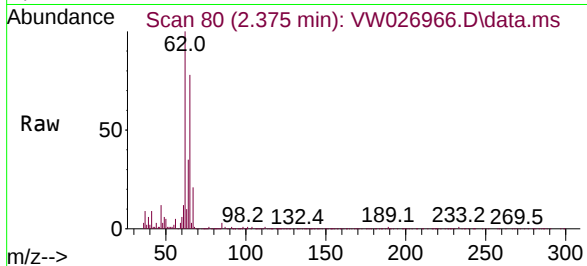




#5
 Vinyl chloride
 Concen: 22.221 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026966.D
 Acq: 30 Aug 2023 15:55

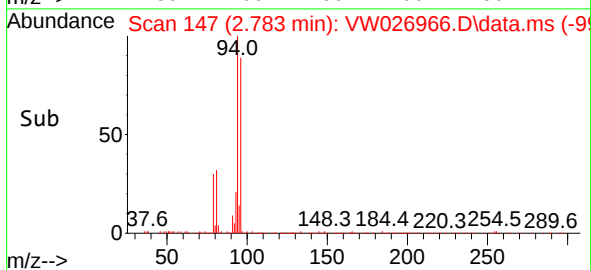
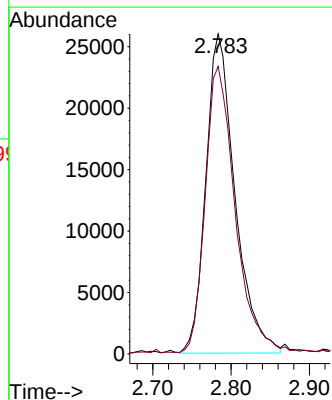
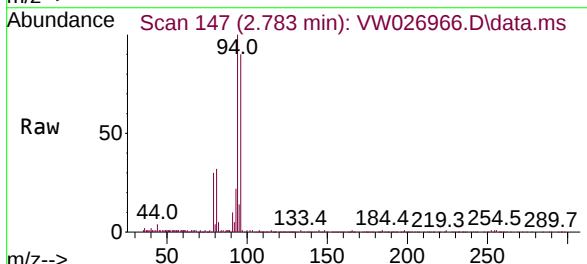
Instrument :
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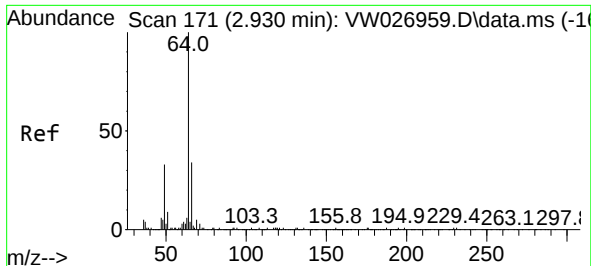
Tgt Ion: 62 Resp: 112683
 Ion Ratio Lower Upper
 62 100
 64 35.5 22.7 42.3



#6
 Bromomethane
 Concen: 22.751 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026966.D
 Acq: 30 Aug 2023 15:55

Tgt Ion: 94 Resp: 67218
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.8 120.3

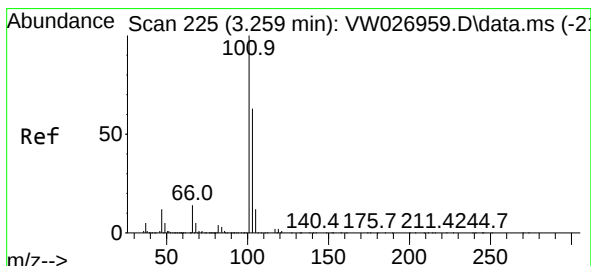
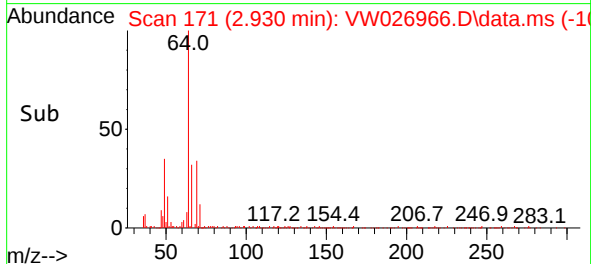
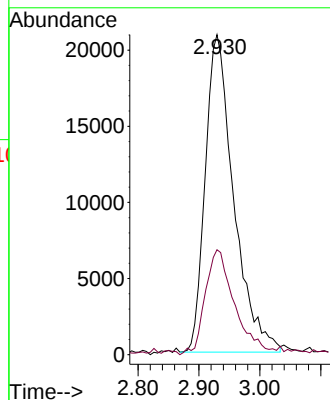
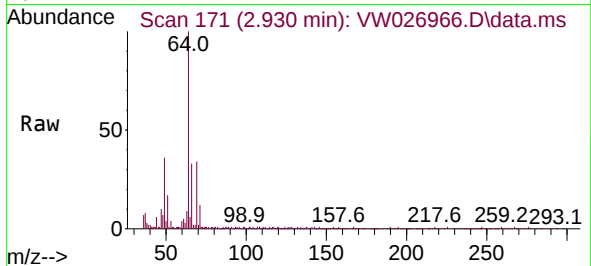




#8
Chloroethane
Concen: 22.251 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

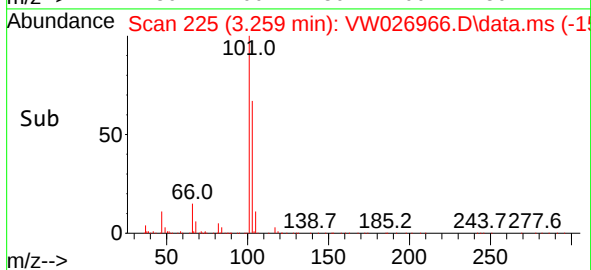
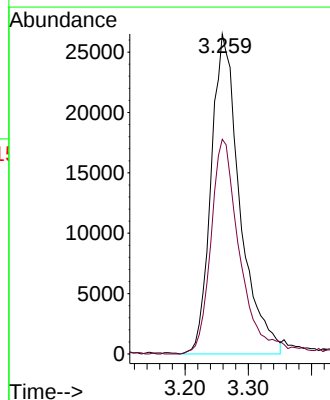
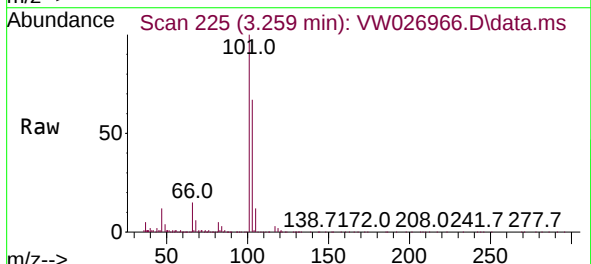
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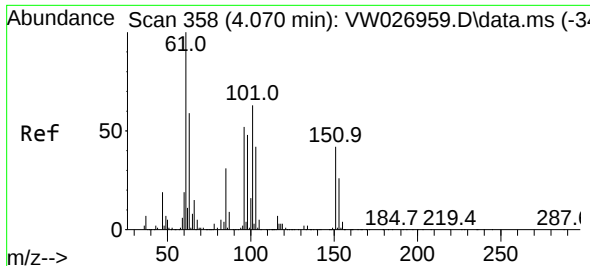
Tgt Ion: 64 Resp: 67608
Ion Ratio Lower Upper
64 100
66 32.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 20.113 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion: 101 Resp: 83703
Ion Ratio Lower Upper
101 100
103 66.6 51.9 77.9

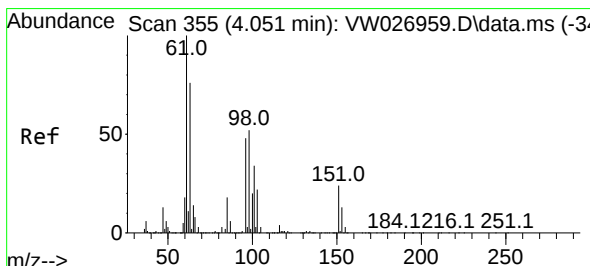
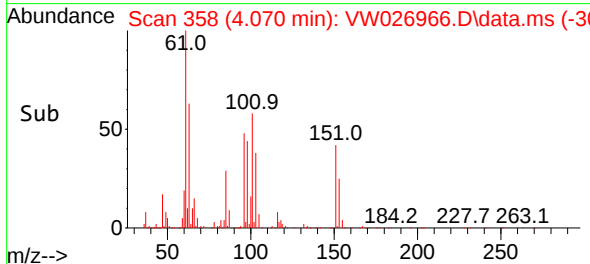
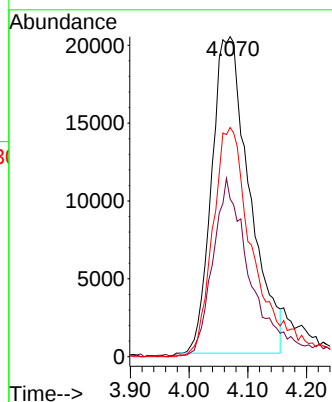
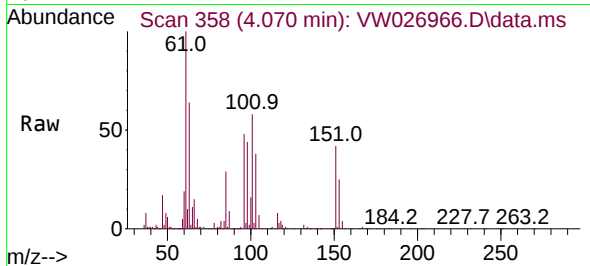




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.246 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
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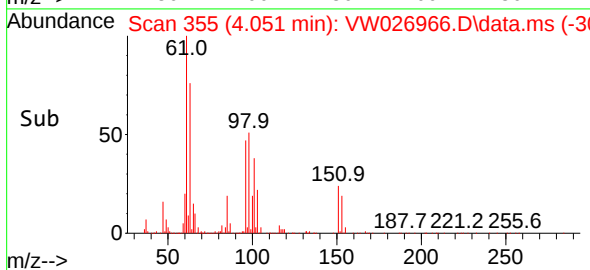
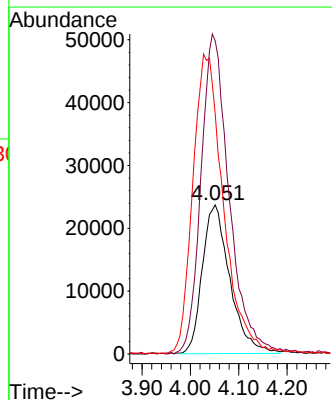
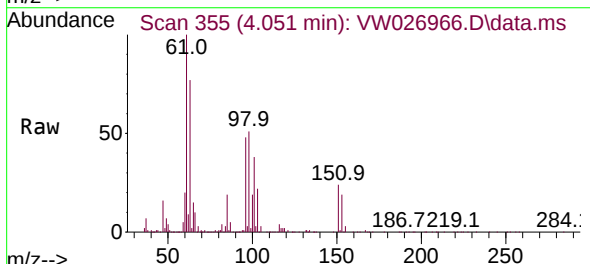
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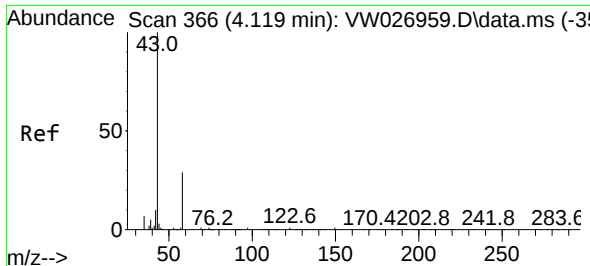
Tgt Ion:	101	Resp:	91013
Ion	Ratio	Lower	Upper
101	100		
85	48.6	32.8	49.2
151	71.3	54.4	81.6



#12
 1,1-Dichloroethene
 Concen: 22.191 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
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Tgt Ion:	96	Resp:	93586
Ion	Ratio	Lower	Upper
96	100		
61	210.1	133.2	247.4
63	161.0	109.0	202.4

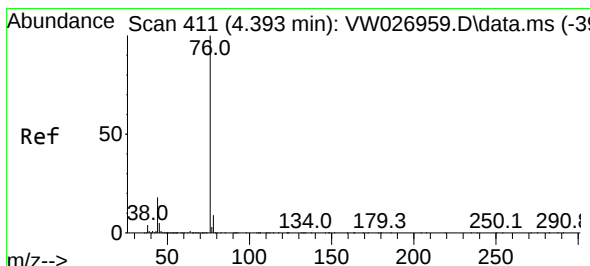
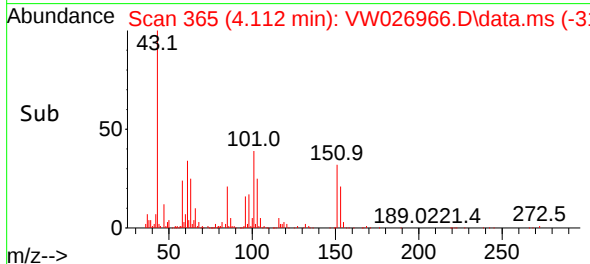
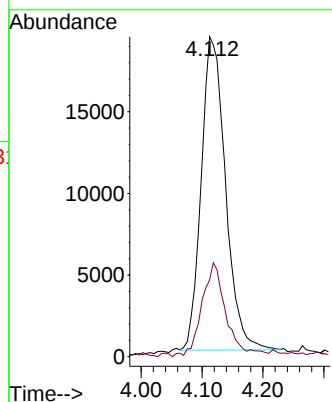
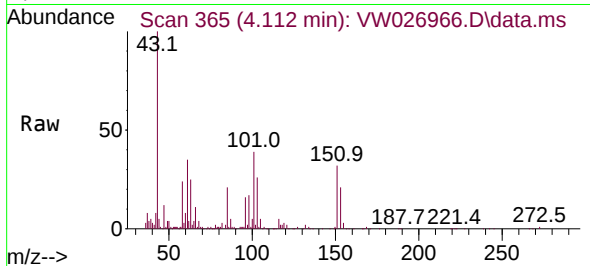




#13
Acetone
Concen: 39.691 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.006 min
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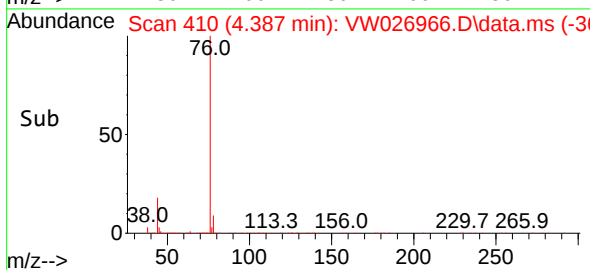
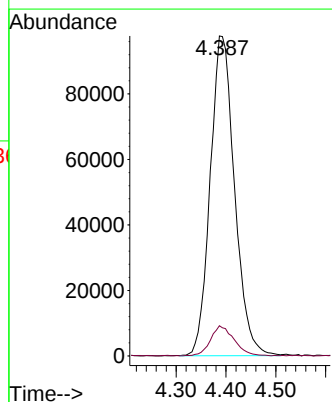
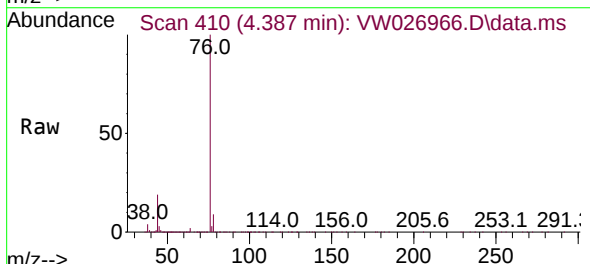
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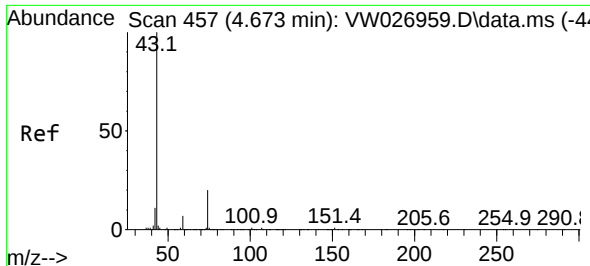
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Ion Ratio Lower Upper
43 100
58 27.3 0.0 57.4



#14
Carbon disulfide
Concen: 21.852 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 331539
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

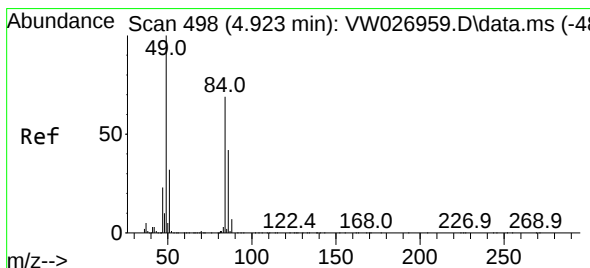
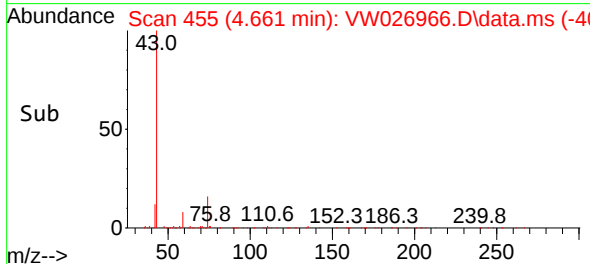
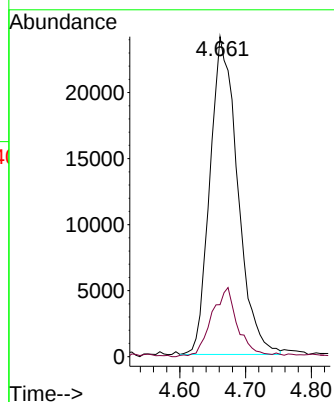
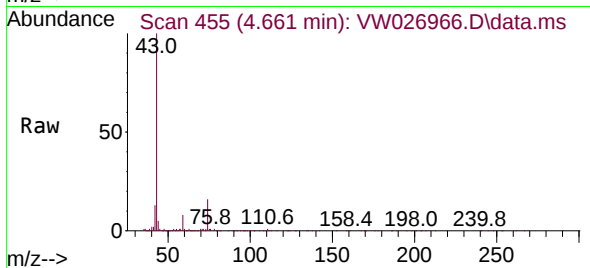




#15
Methyl Acetate
Concen: 26.261 ug/L
RT: 4.661 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

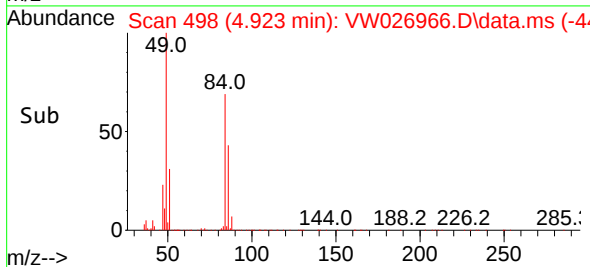
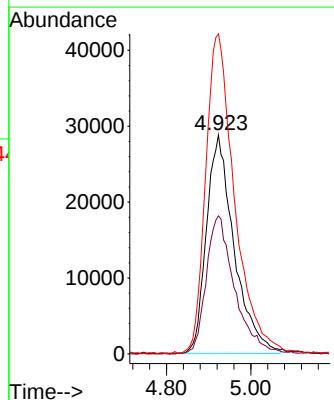
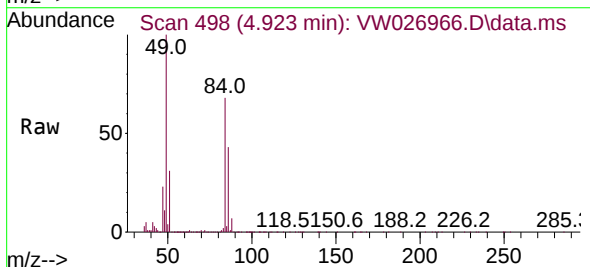
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

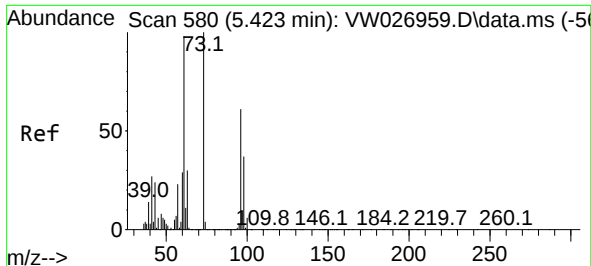
Tgt Ion: 43 Resp: 70512
Ion Ratio Lower Upper
43 100
74 19.8 16.4 24.6



#16
Methylene chloride
Concen: 23.793 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion: 84 Resp: 131321
Ion Ratio Lower Upper
84 100
86 63.1 43.5 80.9
49 146.1 96.0 178.2



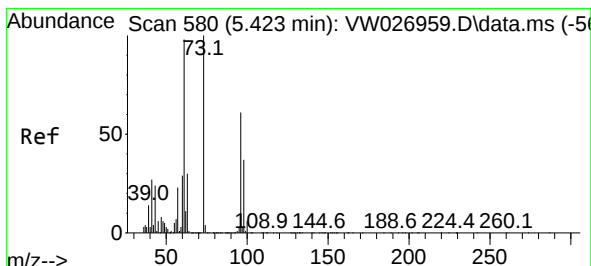
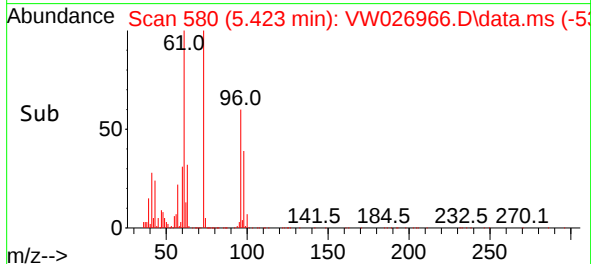
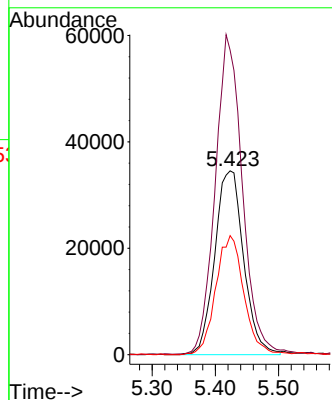
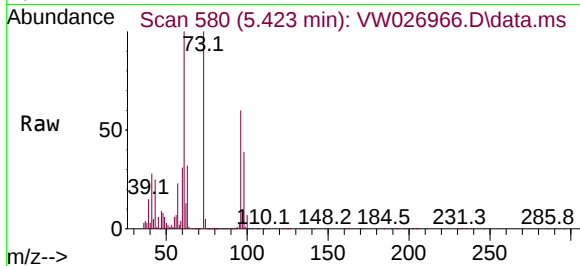


#17
 trans-1,2-Dichloroethene
 Concen: 23.278 ug/L
 RT: 5.423 min Scan# 580
 Delta R.T. -0.000 min
 Lab File: VW026966.D
 Acq: 30 Aug 2023 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

Tgt Ion: 96 Resp: 109548

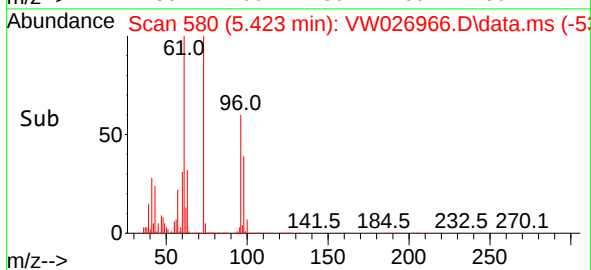
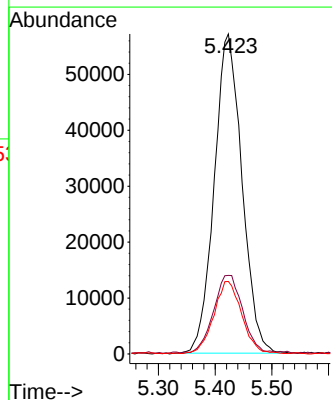
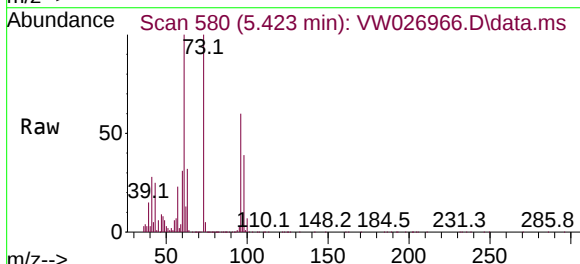
Ion	Ratio	Lower	Upper
96	100		
61	165.6	109.4	203.2
98	64.7	43.6	81.0

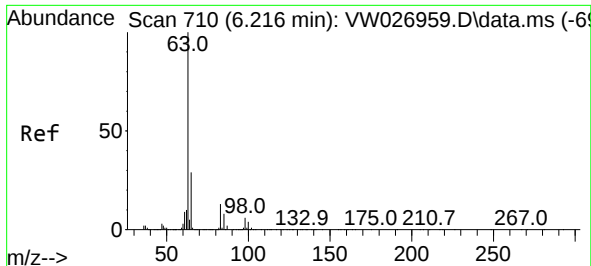


#18
 Methyl tert-butyl Ether
 Concen: 27.164 ug/L
 RT: 5.423 min Scan# 580
 Delta R.T. -0.000 min
 Lab File: VW026966.D
 Acq: 30 Aug 2023 15:55

Tgt Ion: 73 Resp: 193427

Ion	Ratio	Lower	Upper
73	100		
43	25.4	18.0	27.0
57	22.6	19.3	28.9





#19

1,1-Dichloroethane

Concen: 24.529 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

Instrument :

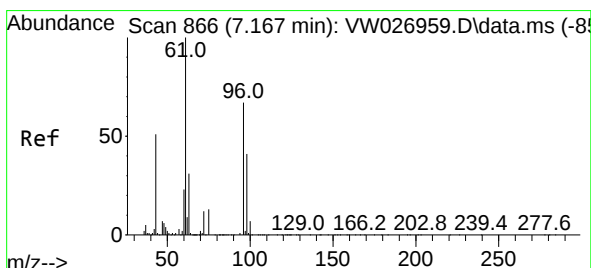
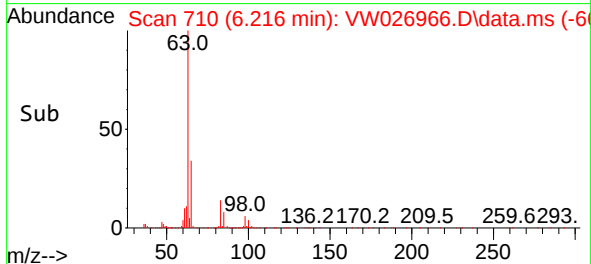
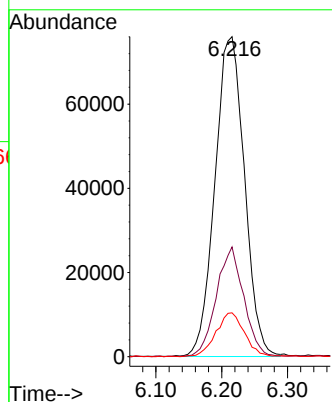
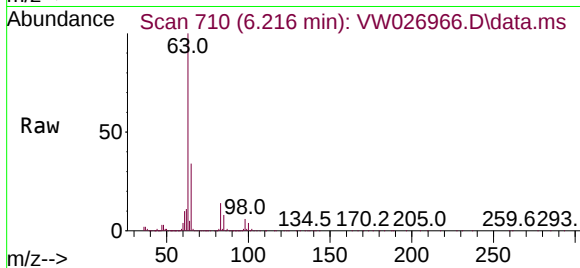
MSVOA_W

ClientSampleId :

VSTD025486

Tgt Ion: 63 Resp: 237582

Ion	Ratio	Lower	Upper
63	100		
65	34.3	21.8	40.6
83	13.7	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 24.842 ug/L

RT: 7.167 min Scan# 866

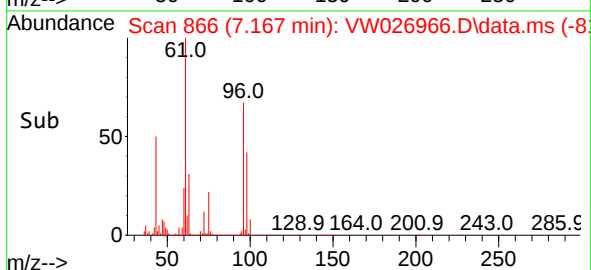
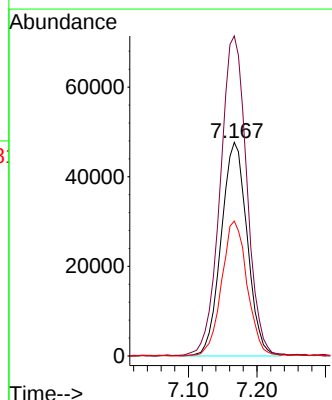
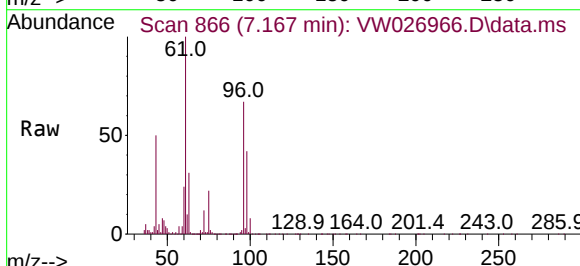
Delta R.T. -0.000 min

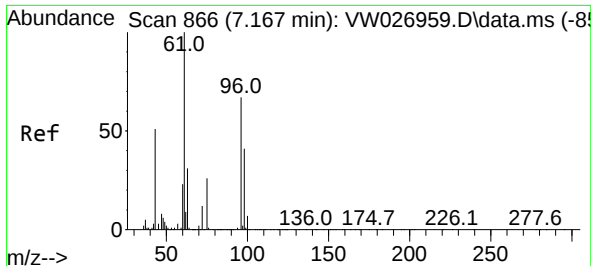
Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

Tgt Ion: 96 Resp: 125662

Ion	Ratio	Lower	Upper
96	100		
61	149.8	101.2	188.0
98	63.1	43.8	81.3

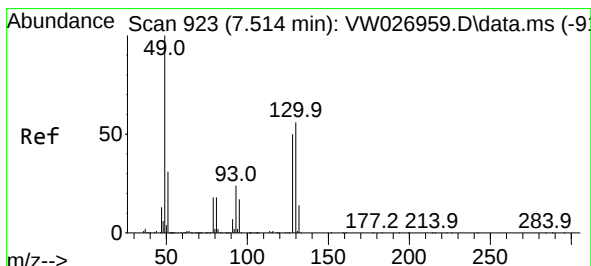
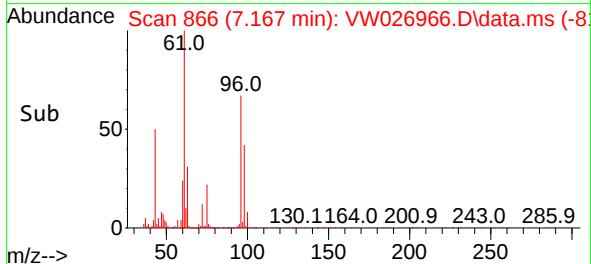
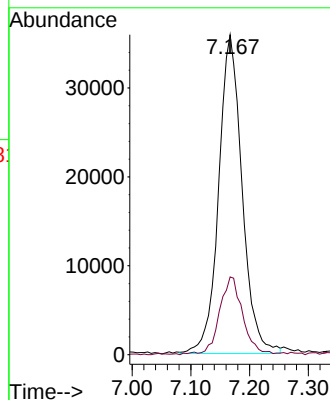
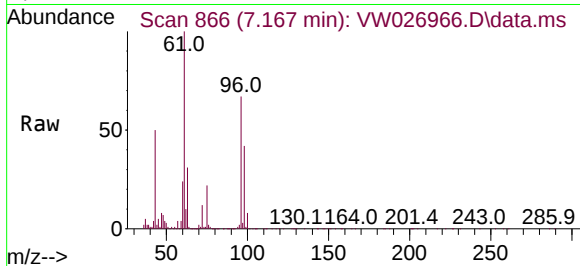




#22
2-Butanone
Concen: 50.363 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

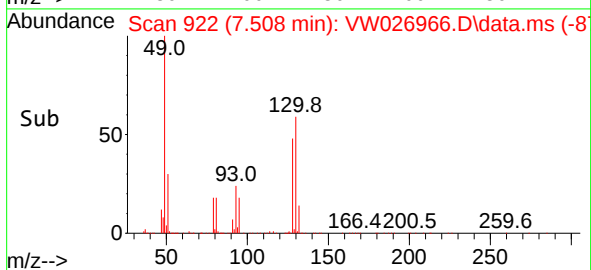
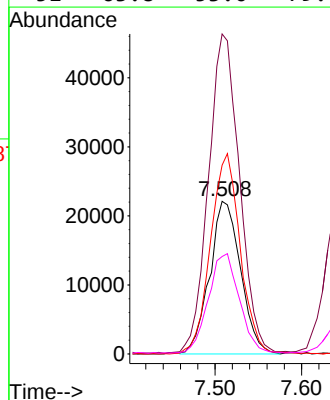
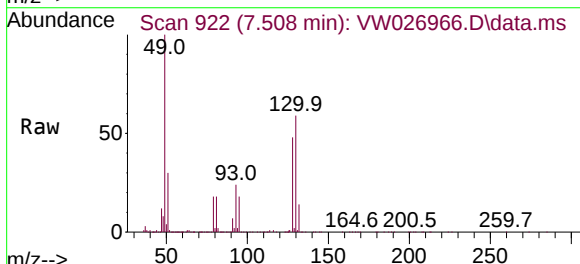
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

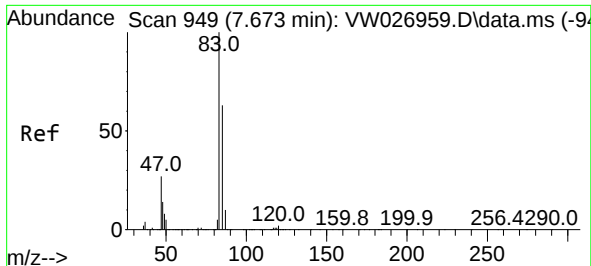
Tgt Ion: 43 Resp: 99487
Ion Ratio Lower Upper
43 100
72 23.1 11.8 35.4



#23
Bromochloromethane
Concen: 25.068 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion: 128 Resp: 54776
Ion Ratio Lower Upper
128 100
49 209.6 143.1 265.7
130 123.7 91.8 170.4
51 63.8 53.0 79.4

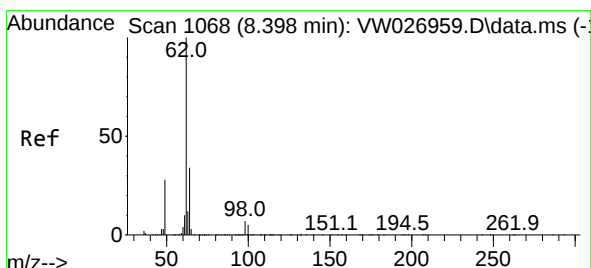
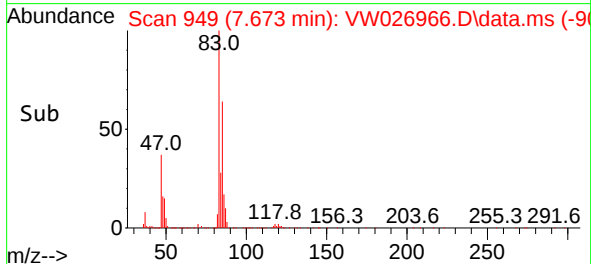
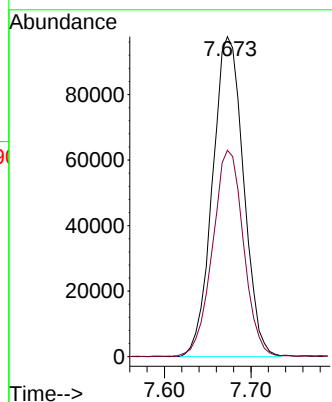
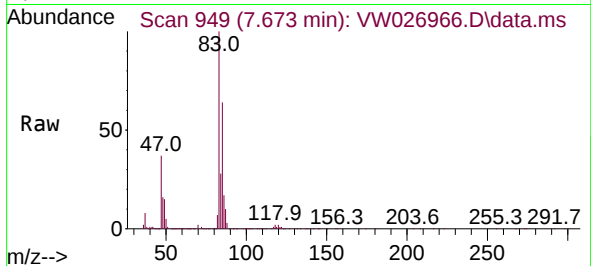




#25
Chloroform
Concen: 25.927 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

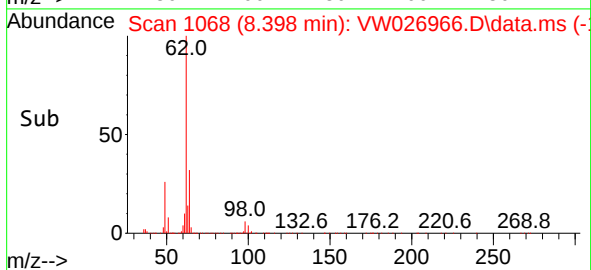
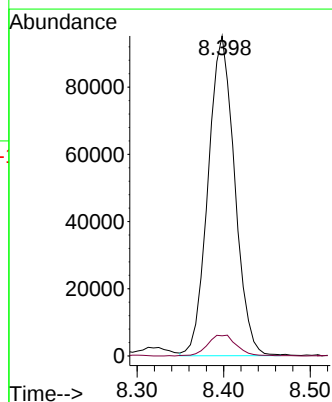
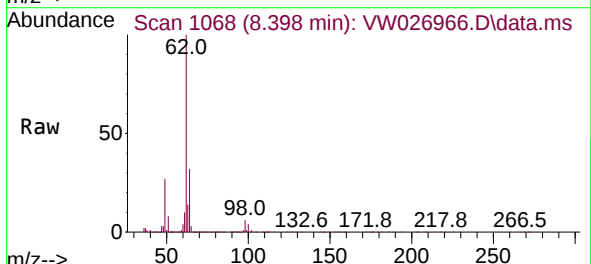
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

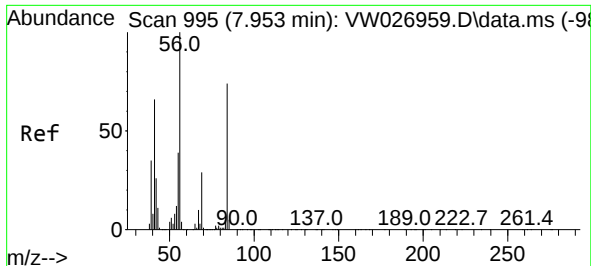
Tgt Ion: 83 Resp: 242608
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.2



#27
1,2-Dichloroethane
Concen: 31.001 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion: 62 Resp: 202372
Ion Ratio Lower Upper
62 100
98 6.3 7.1 10.7#

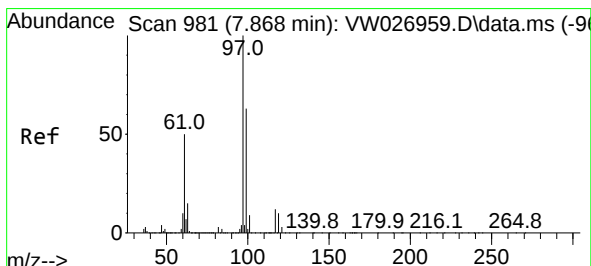
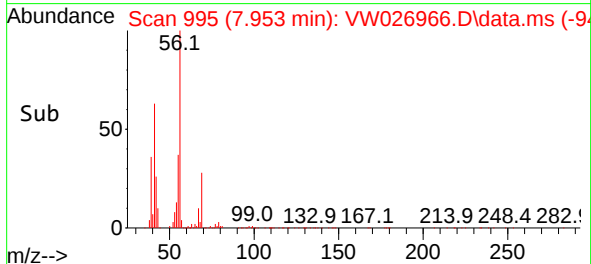
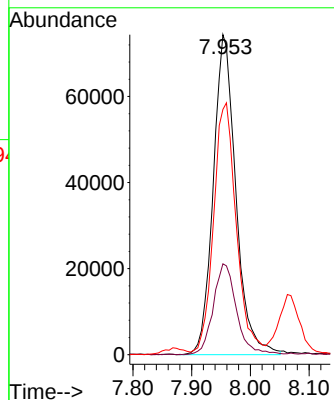
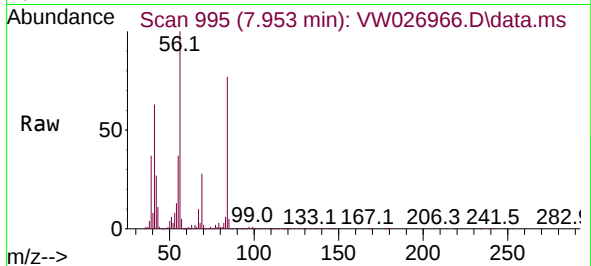




#29
Cyclohexane
Concen: 22.208 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

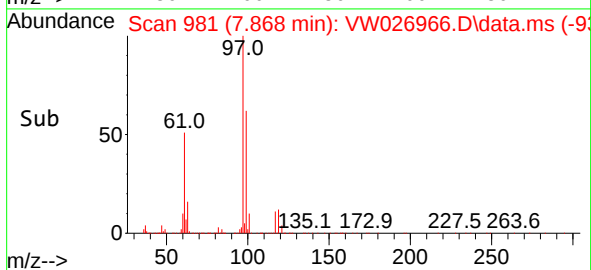
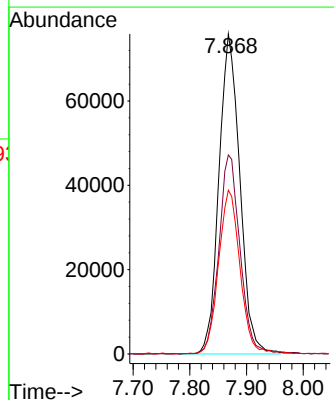
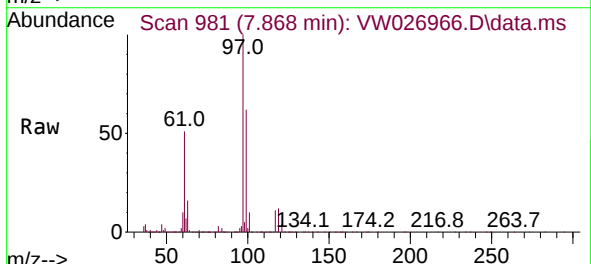
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

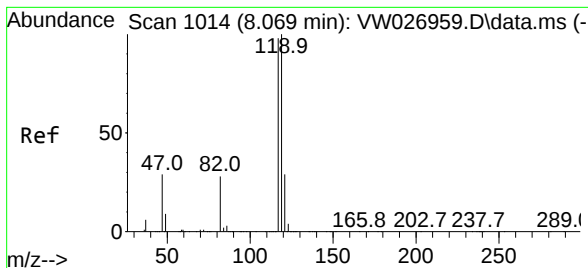
Tgt Ion: 56 Resp: 199074
Ion Ratio Lower Upper
56 100
69 29.1 23.2 34.8
84 79.2 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 25.668 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion: 97 Resp: 194175
Ion Ratio Lower Upper
97 100
99 62.6 51.2 76.8
61 51.6 39.2 58.8

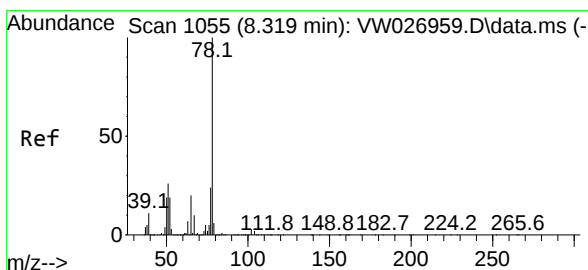
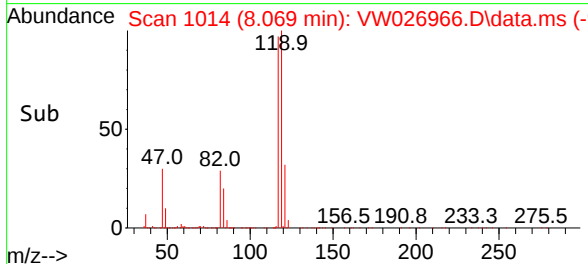
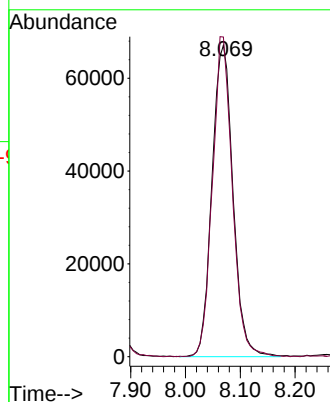
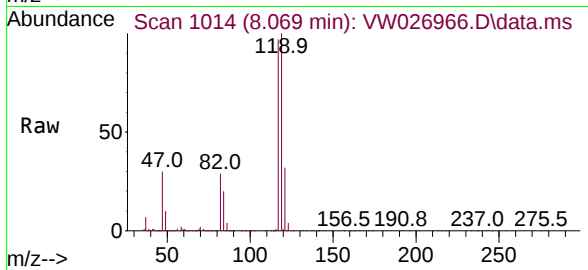




#31
Carbon tetrachloride
Concen: 25.817 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

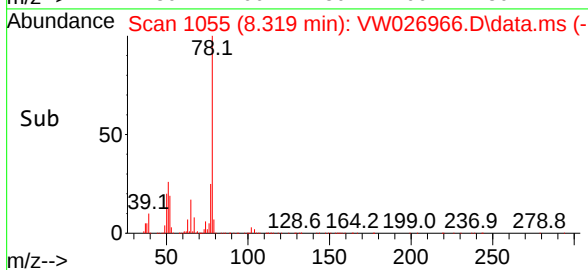
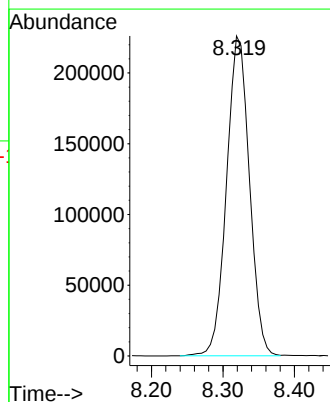
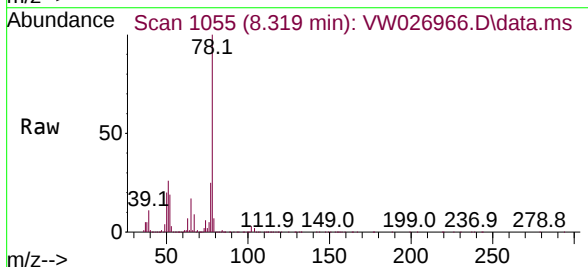
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

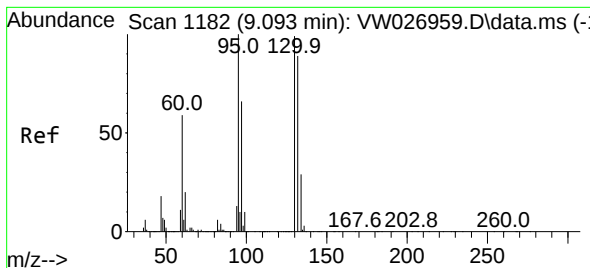
Tgt Ion:117 Resp: 178574
Ion Ratio Lower Upper
117 100
119 96.9 73.0 109.4



#33
Benzene
Concen: 23.795 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion: 78 Resp: 502275





#34

Trichloroethene

Concen: 22.881 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

Tgt Ion: 95 Resp: 123012

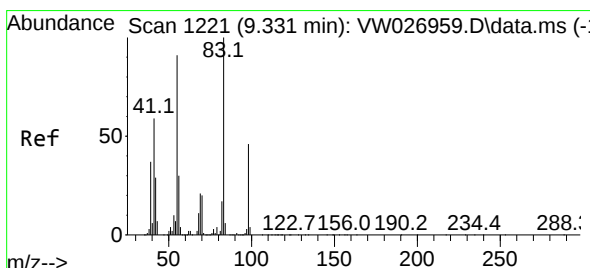
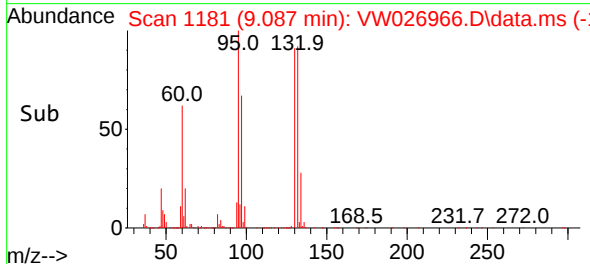
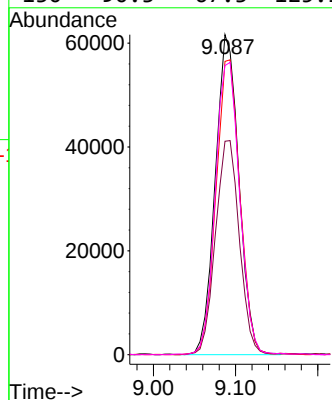
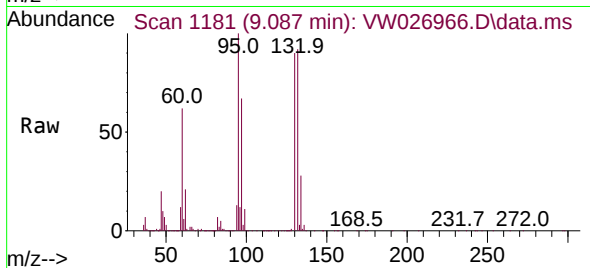
Ion Ratio Lower Upper

95 100

97 66.7 44.6 82.8

132 91.6 66.4 123.2

130 90.3 67.3 125.1



#35

Methylcyclohexane

Concen: 22.869 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

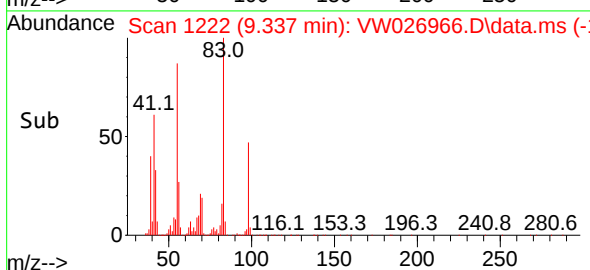
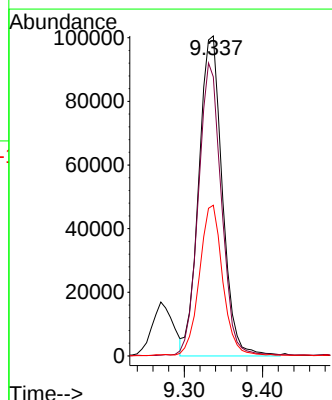
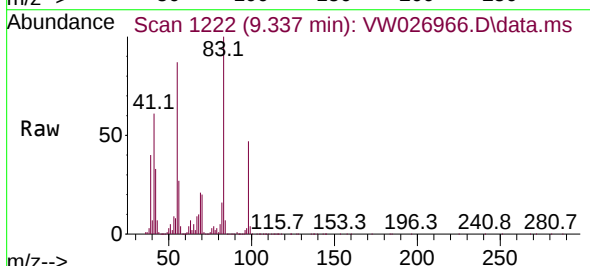
Tgt Ion: 83 Resp: 210332

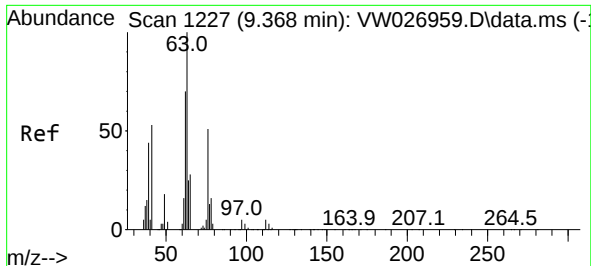
Ion Ratio Lower Upper

83 100

55 89.7 69.3 103.9

98 45.7 37.4 56.0





#37

1,2-Dichloropropane

Concen: 23.932 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

Instrument :

MSVOA_W

ClientSampleId :

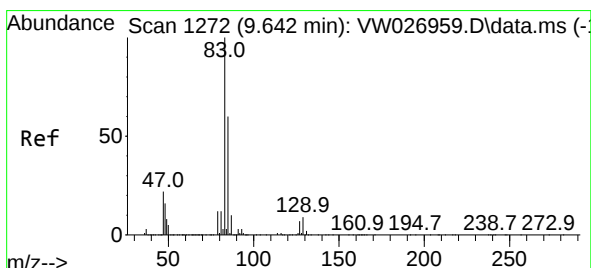
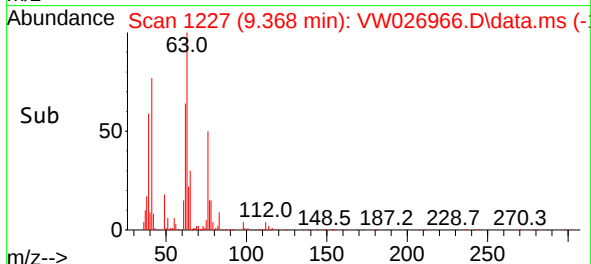
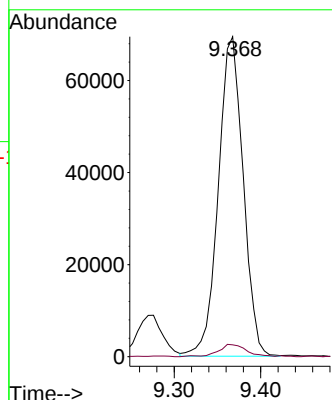
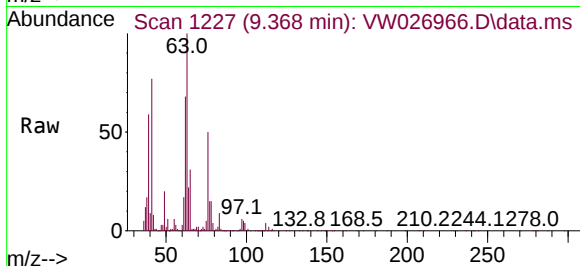
VSTD025486

Tgt Ion: 63 Resp: 138370

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 26.533 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

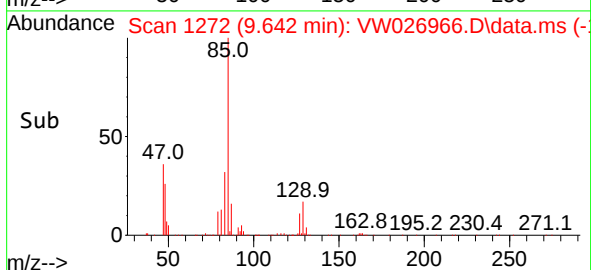
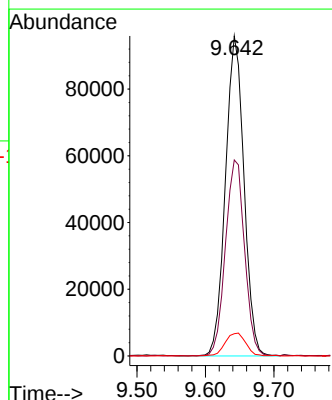
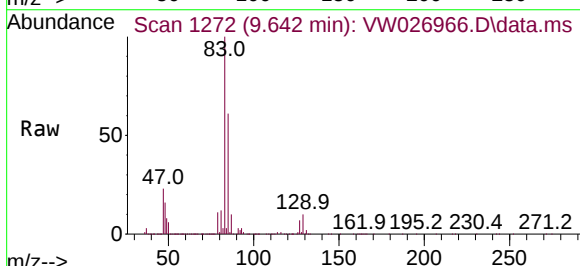
Tgt Ion: 83 Resp: 179967

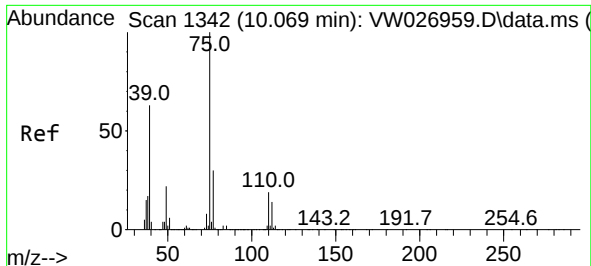
Ion Ratio Lower Upper

83 100

85 61.3 45.4 84.2

127 7.0 6.2 9.2

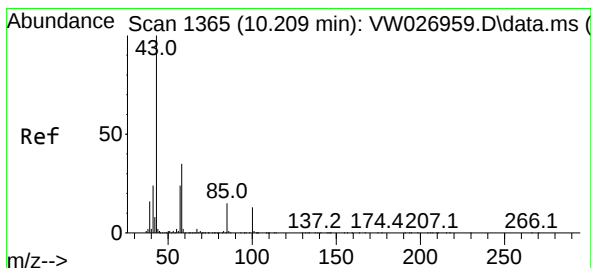
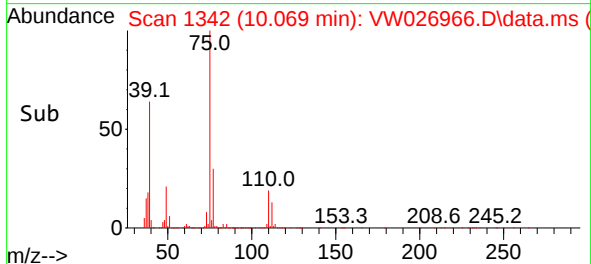
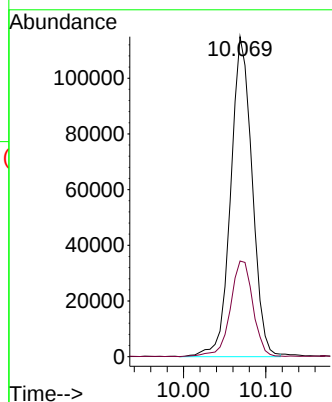
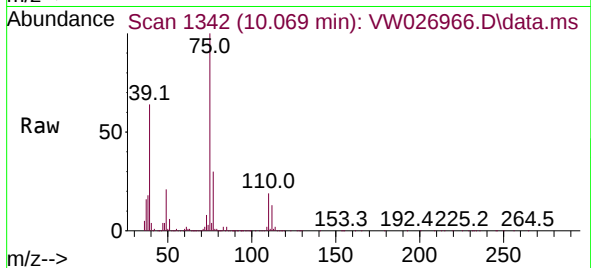




#39
cis-1,3-Dichloropropene
Concen: 25.049 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

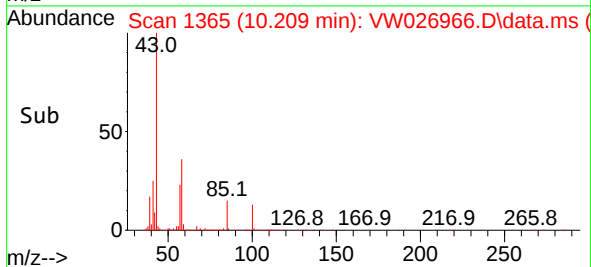
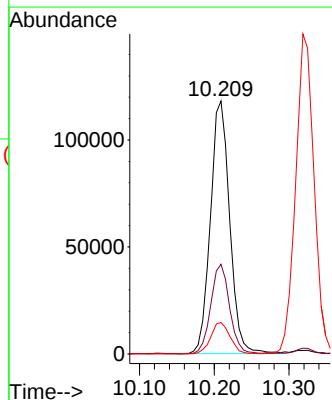
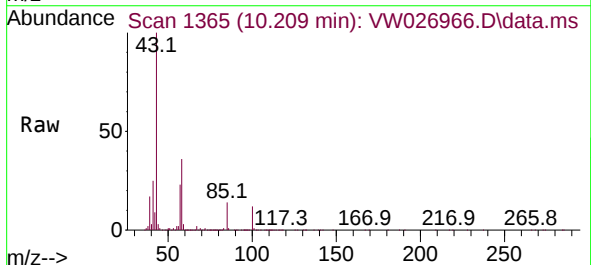
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

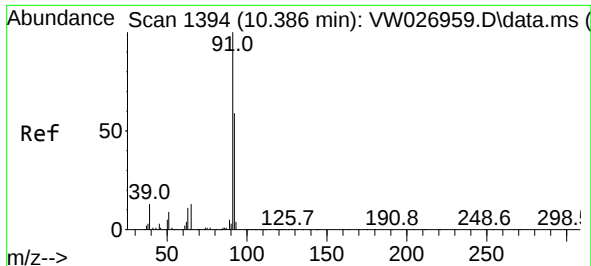
Tgt Ion: 75 Resp: 208353
Ion Ratio Lower Upper
75 100
77 29.9 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 56.388 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion: 43 Resp: 212073
Ion Ratio Lower Upper
43 100
58 34.7 29.2 43.8
100 12.4 10.7 16.1

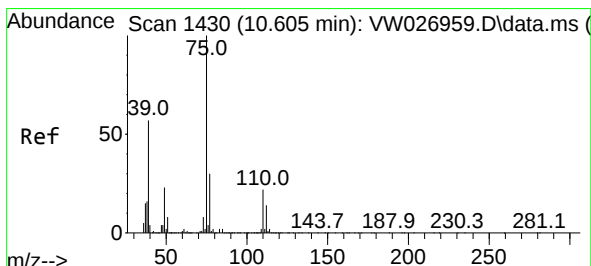
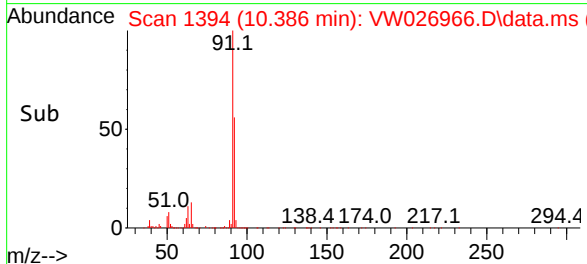
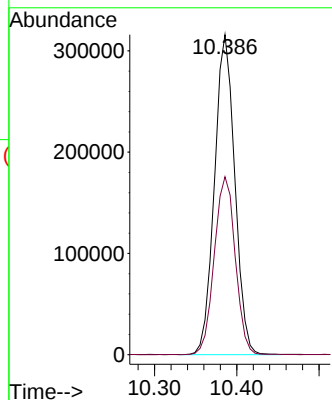
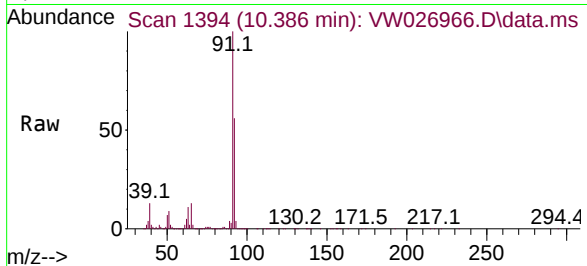




#42
Toluene
Concen: 25.423 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

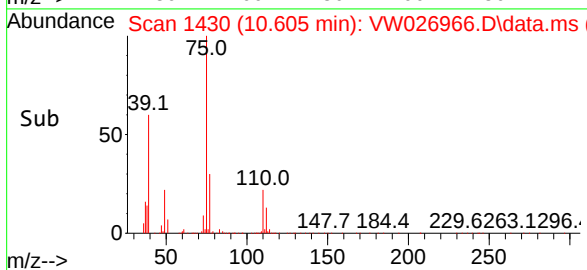
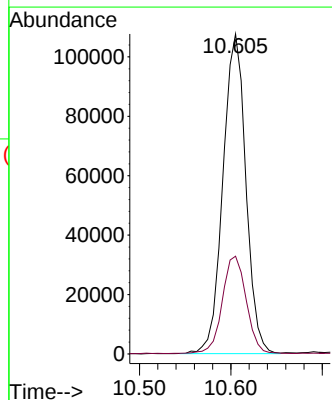
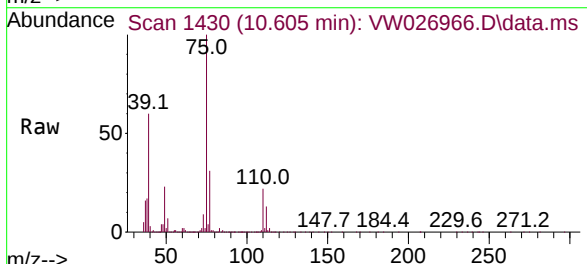
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

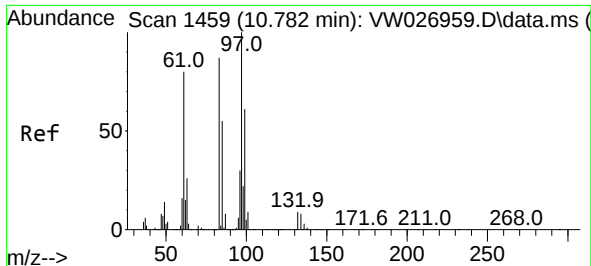
Tgt Ion: 91 Resp: 542874
Ion Ratio Lower Upper
91 100
92 55.6 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.190 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion: 75 Resp: 187501
Ion Ratio Lower Upper
75 100
77 30.5 21.2 39.4

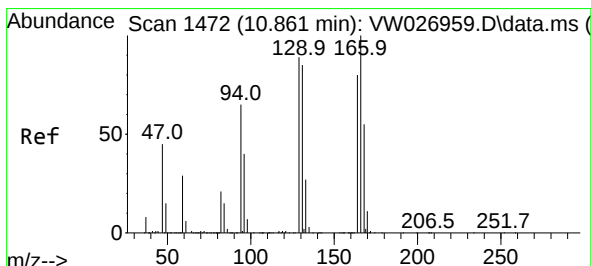
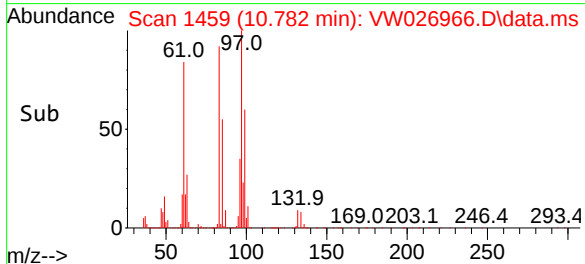
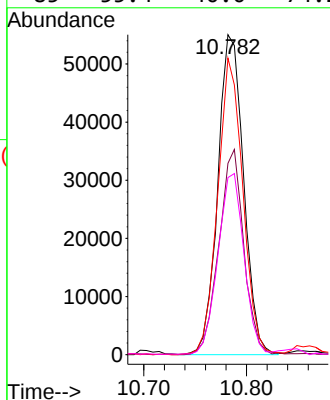
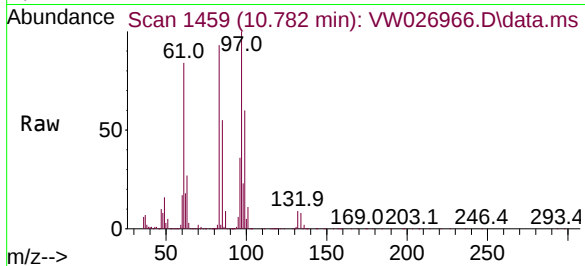




#45
1,1,2-Trichloroethane
Concen: 24.244 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

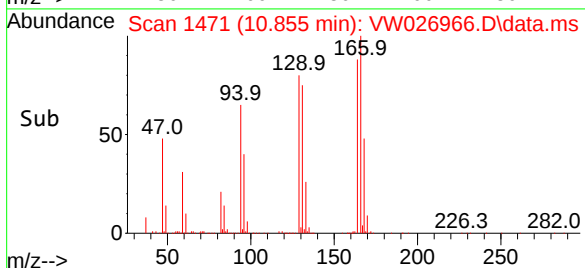
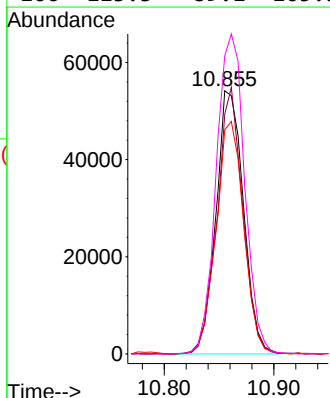
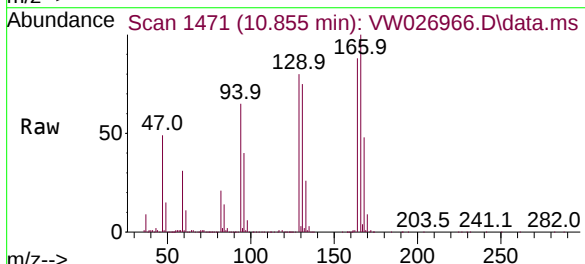
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

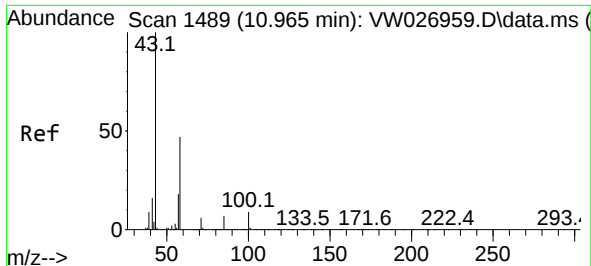
Tgt Ion: 97	Resp: 95868
Ion Ratio	Lower Upper
97 100	
99 59.8	44.2 82.0
83 92.6	61.9 114.9
85 55.4	40.0 74.2



#46
Tetrachloroethene
Concen: 24.170 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt	Ion:164	Resp:	94401
Ion	Ratio	Lower	Upper
164	100		
129	91.1	68.1	126.5
131	85.2	65.5	121.7
166	113.3	89.1	165.5



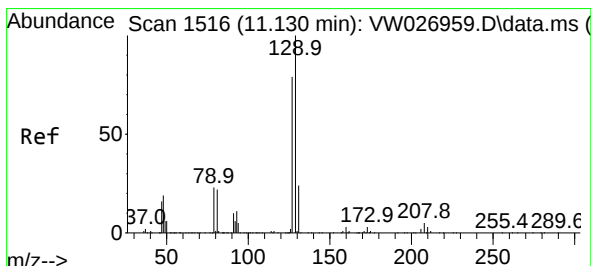
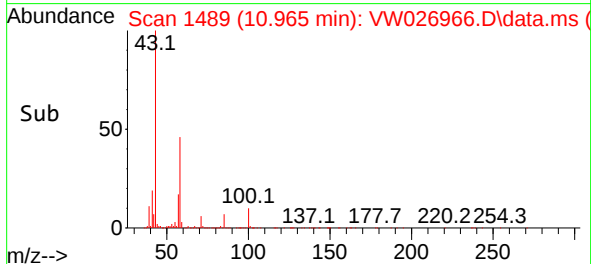
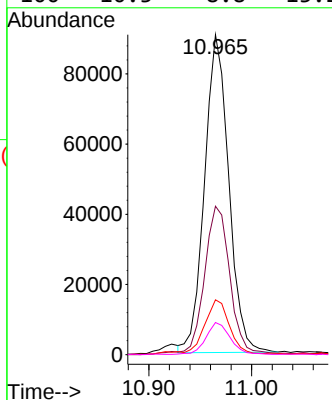
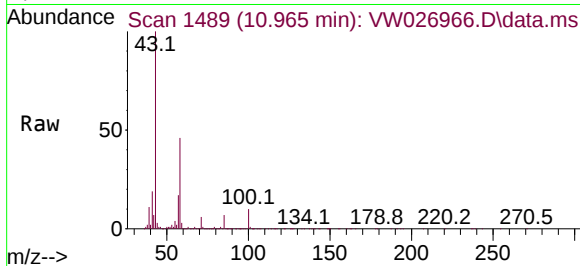


#48
2-Hexanone
Concen: 57.948 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Tgt Ion: 43 Resp: 148295

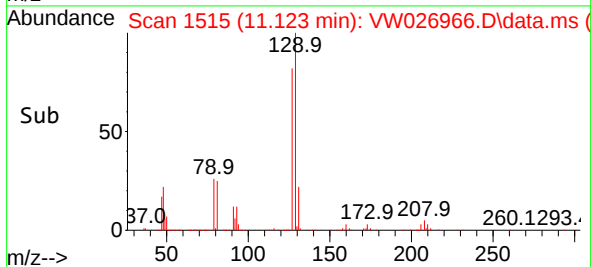
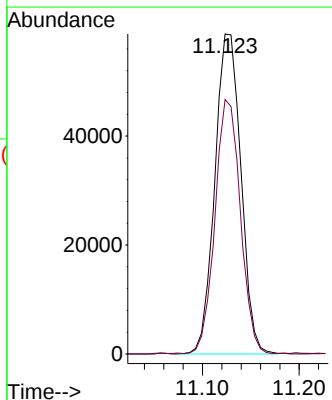
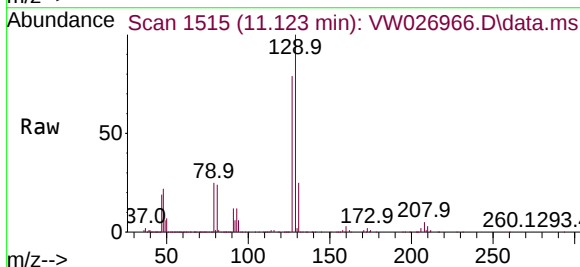
Ion	Ratio	Lower	Upper
43	100		
58	47.8	41.1	61.7
57	17.4	14.3	21.5
100	10.3	8.8	13.2

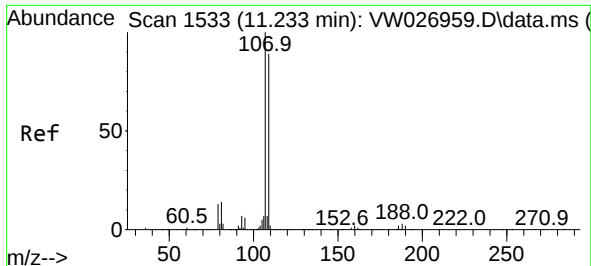


#49
Dibromochloromethane
Concen: 26.601 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion: 129 Resp: 110016

Ion	Ratio	Lower	Upper
129	100		
127	79.5	56.6	105.2





#50

1,2-Dibromoethane

Concen: 24.442 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

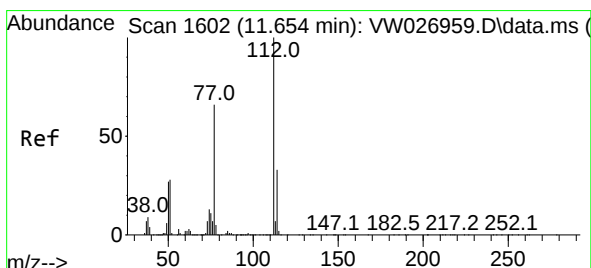
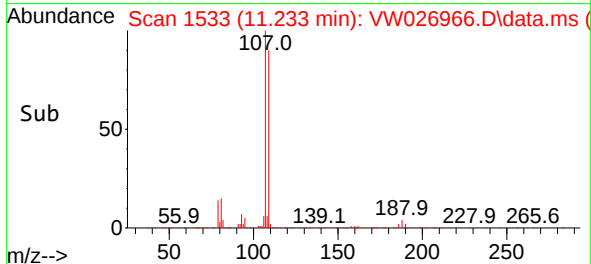
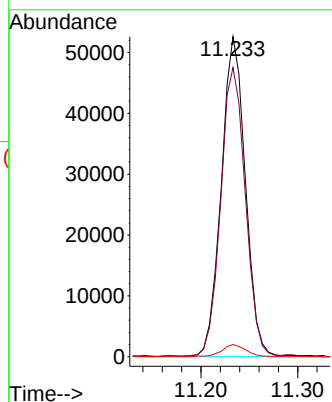
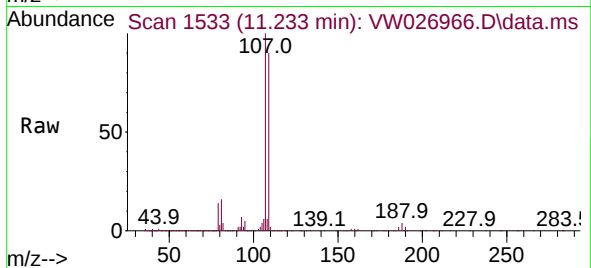
Tgt Ion:107 Resp: 90687

Ion Ratio Lower Upper

107 100

109 90.4 68.8 127.8

188 3.8 2.7 4.1



#51

Chlorobenzene

Concen: 24.600 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

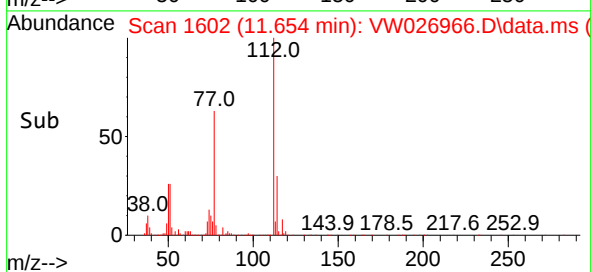
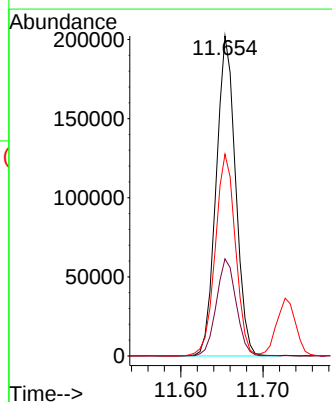
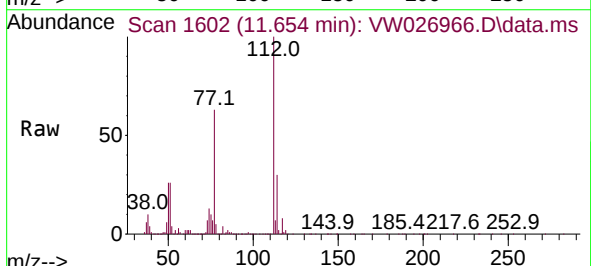
Tgt Ion:112 Resp: 331808

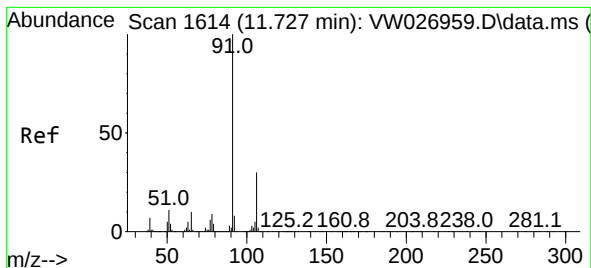
Ion Ratio Lower Upper

112 100

114 30.3 22.4 41.6

77 63.1 50.2 75.2

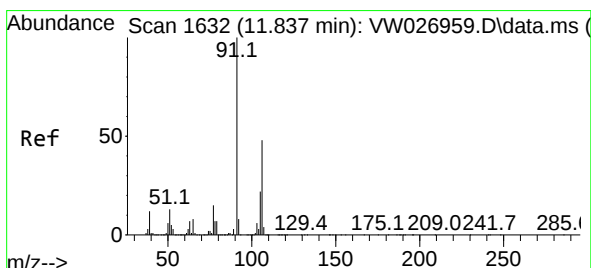
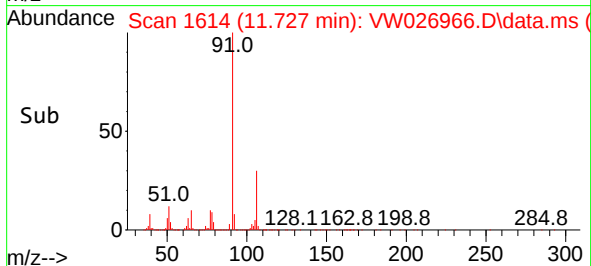
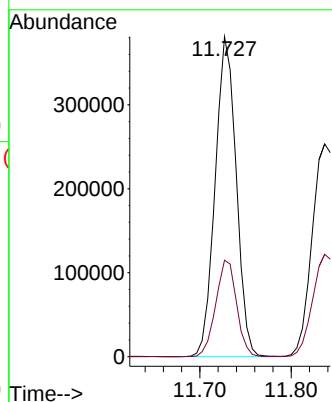
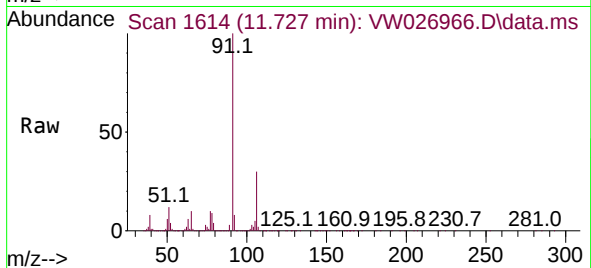




#52
Ethylbenzene
Concen: 25.481 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

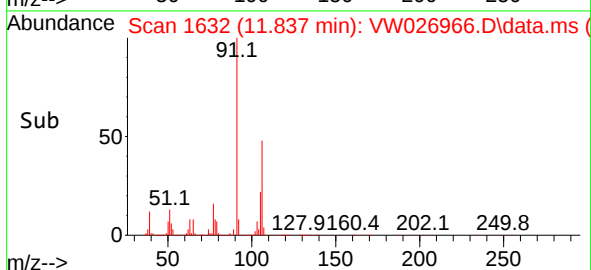
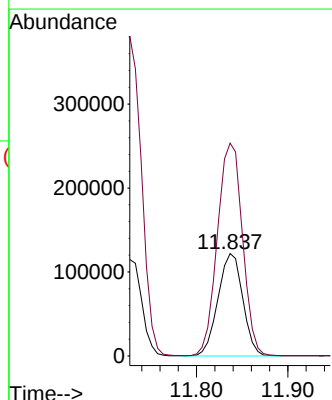
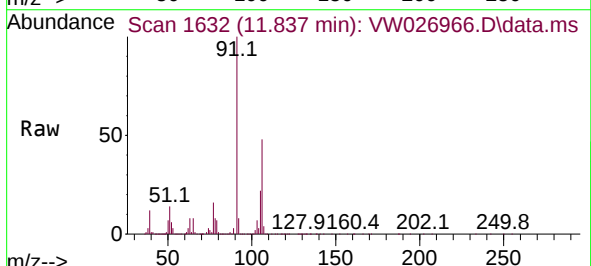
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

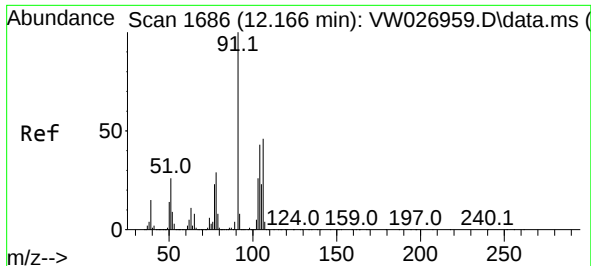
Tgt Ion: 91 Resp: 610159
Ion Ratio Lower Upper
91 100
106 30.1 20.2 37.6



#53
m,p-Xylene
Concen: 25.880 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion: 106 Resp: 229581
Ion Ratio Lower Upper
106 100
91 207.7 152.9 284.1

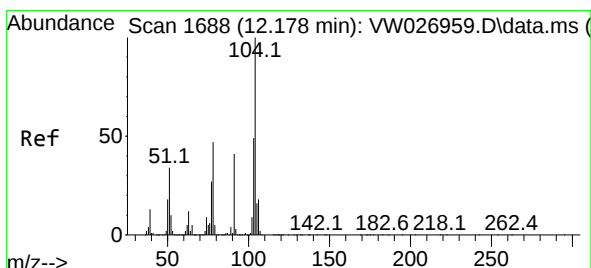
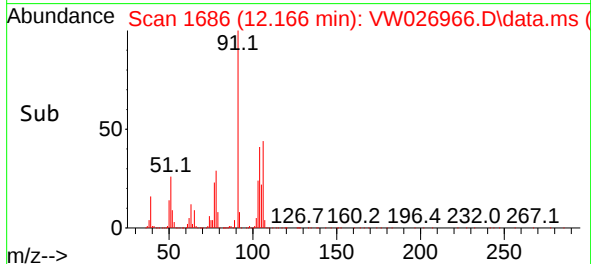
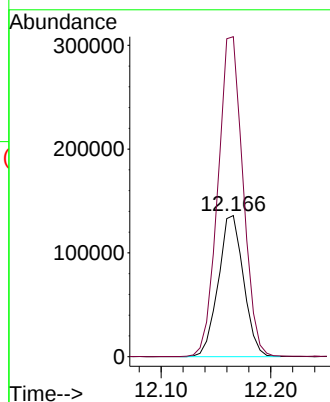
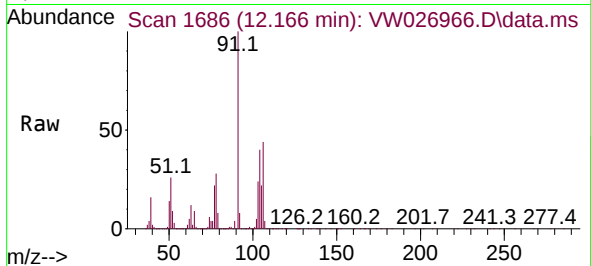




#54
o-Xylene
Concen: 26.284 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

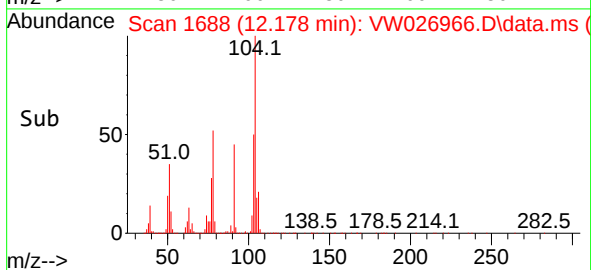
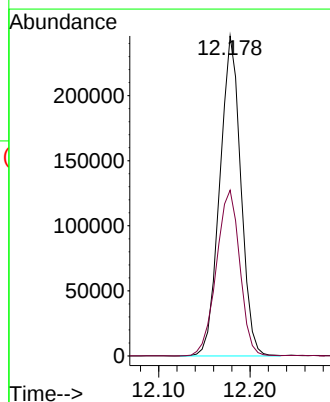
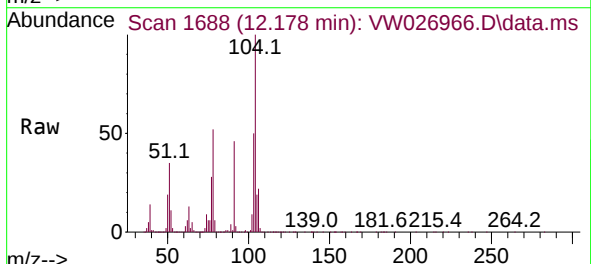
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

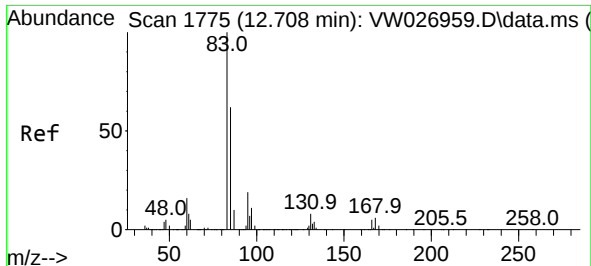
Tgt Ion:106 Resp: 217612
Ion Ratio Lower Upper
106 100
91 226.8 149.9 278.3



#55
Styrene
Concen: 27.293 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion:104 Resp: 392905
Ion Ratio Lower Upper
104 100
78 51.8 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.868 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

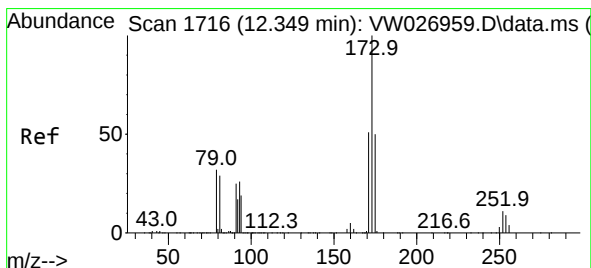
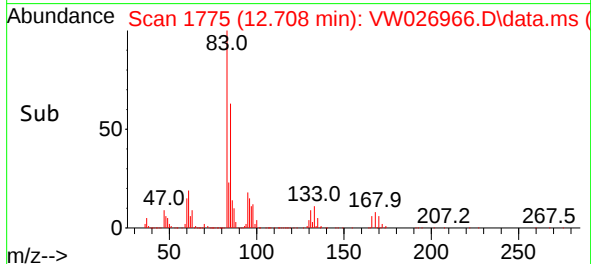
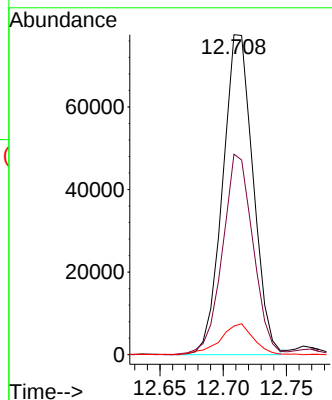
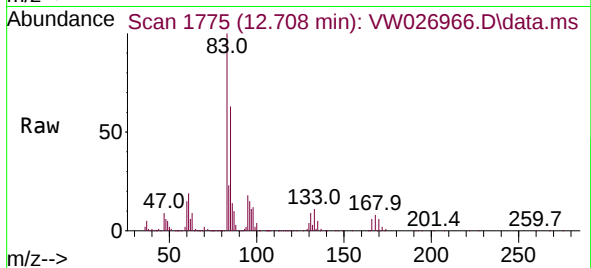
Tgt Ion: 83 Resp: 129544

Ion Ratio Lower Upper

83 100

85 62.6 44.9 83.3

131 8.9 7.4 11.0



#59

Bromoform

Concen: 24.792 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

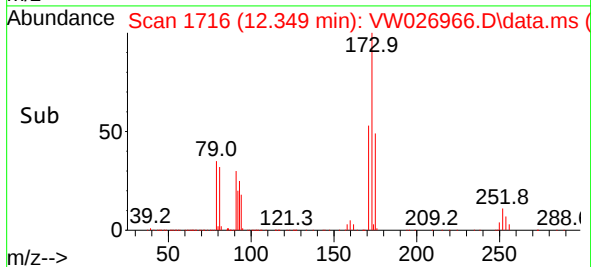
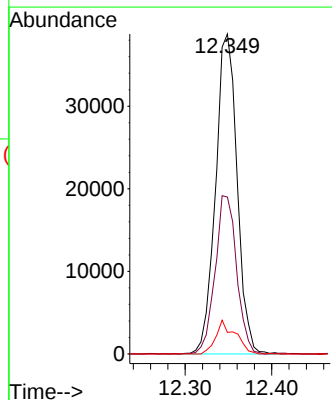
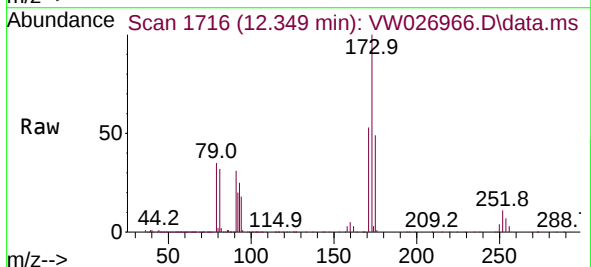
Tgt Ion: 173 Resp: 66903

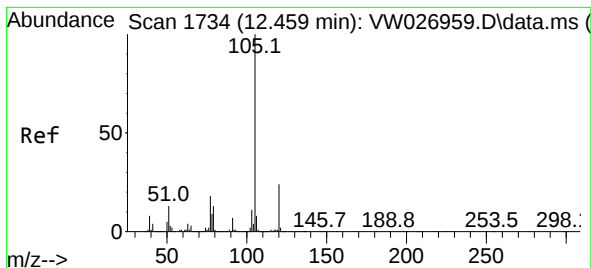
Ion Ratio Lower Upper

173 100

175 49.5 36.6 55.0

254 5.7 7.8 11.6#





#60

Isopropylbenzene

Concen: 23.712 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

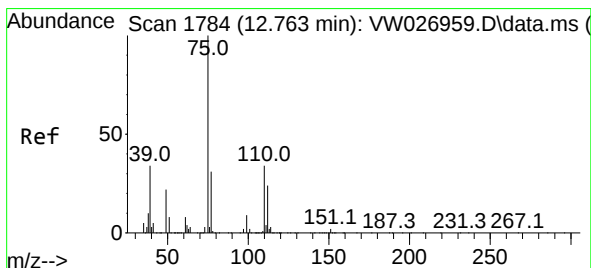
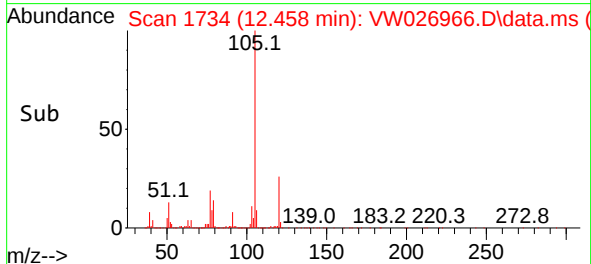
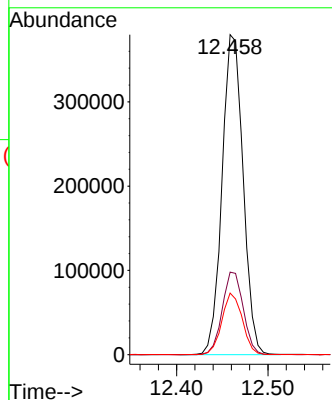
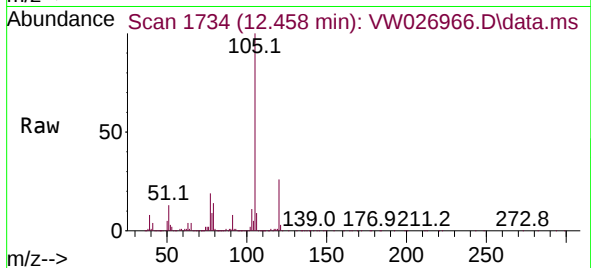
Tgt Ion:105 Resp: 607311

Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.6

77 18.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 24.095 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

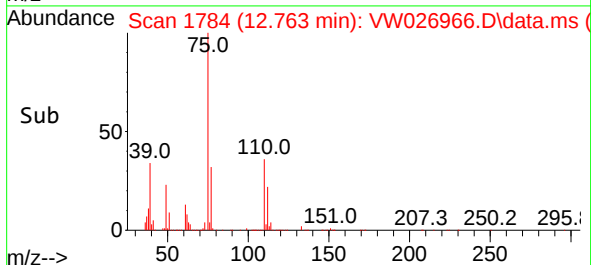
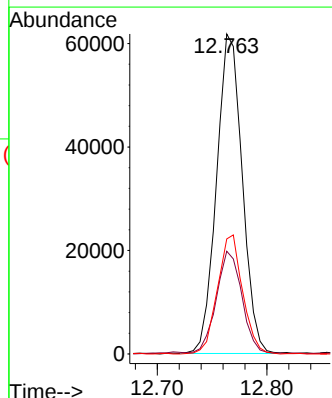
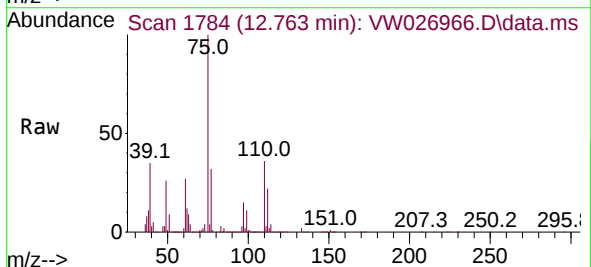
Tgt Ion: 75 Resp: 100682

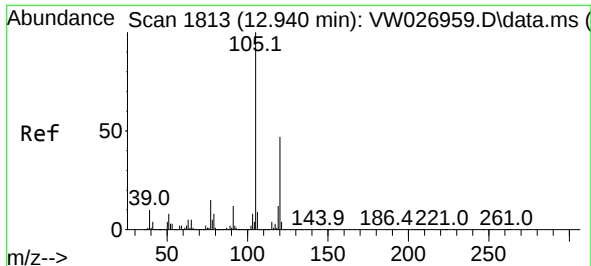
Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

110 36.4 29.9 44.9

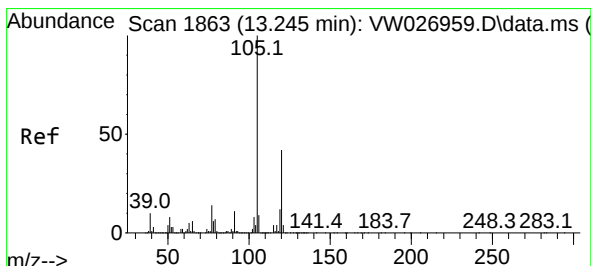
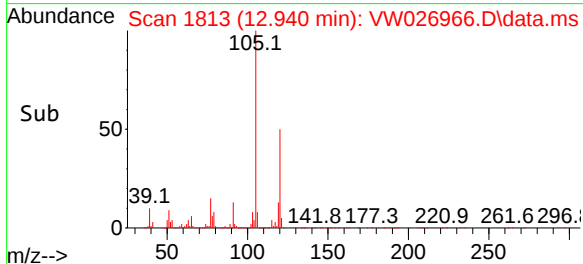
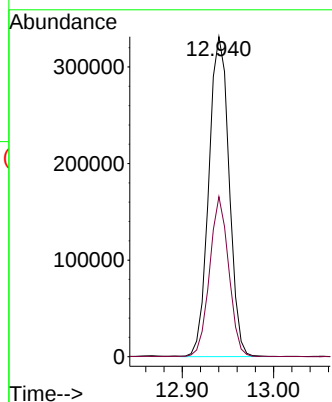
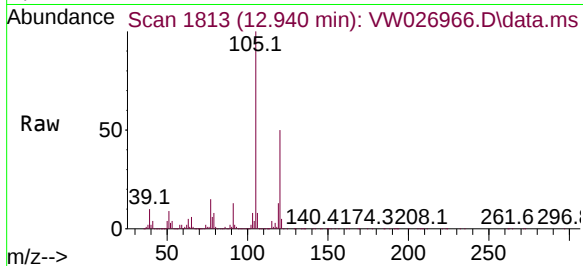




#62
1,3,5-Trimethylbenzene
Concen: 25.210 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

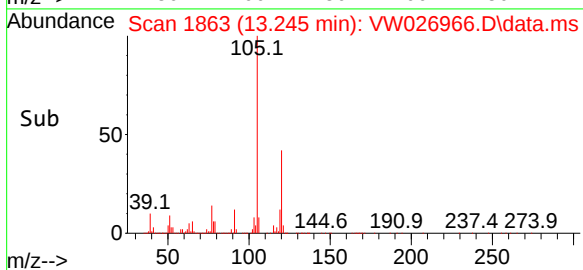
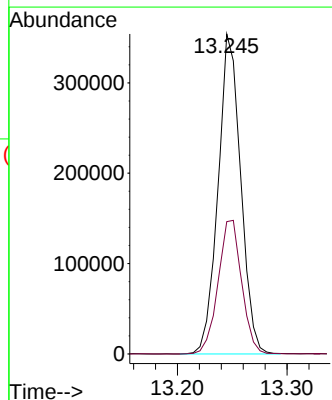
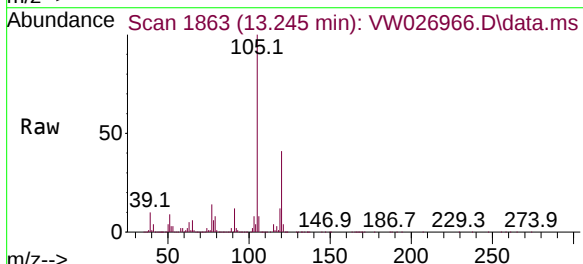
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

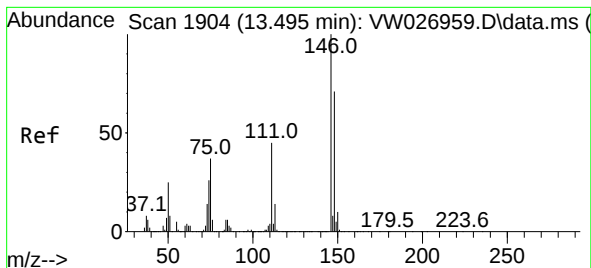
Tgt Ion:105 Resp: 510341
Ion Ratio Lower Upper
105 100
120 47.1 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 25.619 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion:105 Resp: 508207
Ion Ratio Lower Upper
105 100
120 43.5 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 23.787 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

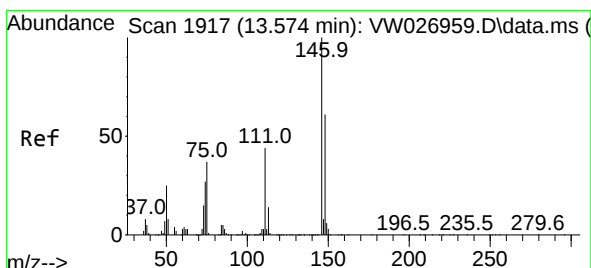
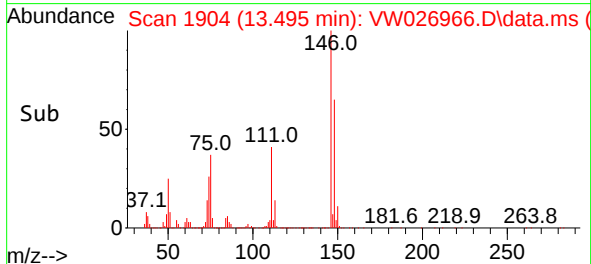
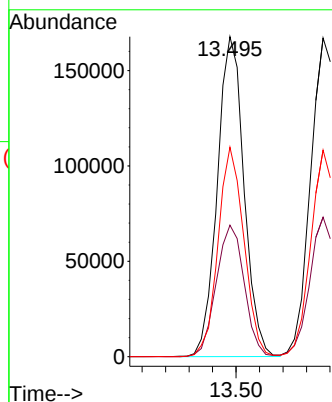
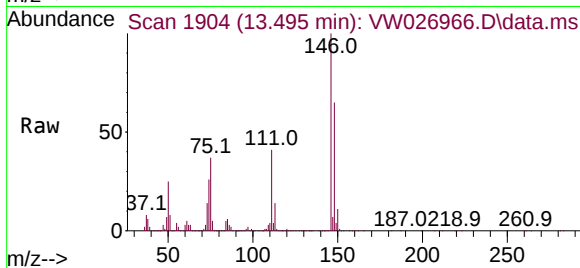
Tgt Ion:146 Resp: 264957

Ion Ratio Lower Upper

146 100

111 41.1 29.1 54.1

148 65.5 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 23.591 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

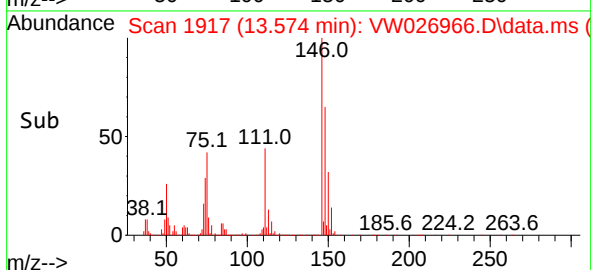
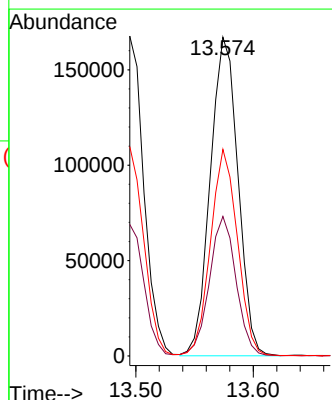
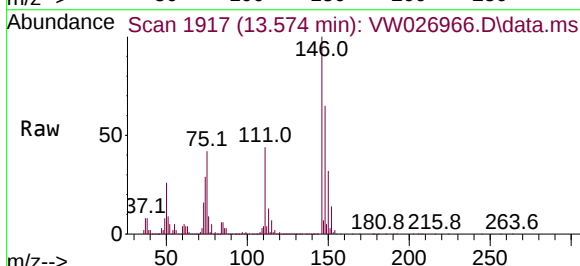
Tgt Ion:146 Resp: 274222

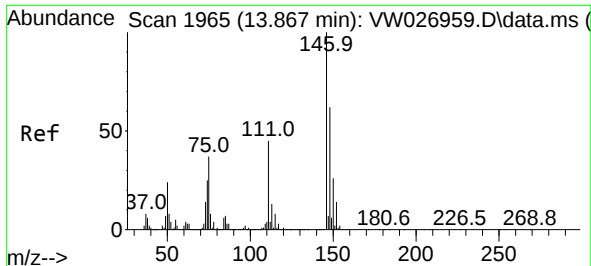
Ion Ratio Lower Upper

146 100

111 43.8 28.3 52.7

148 64.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 24.494 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

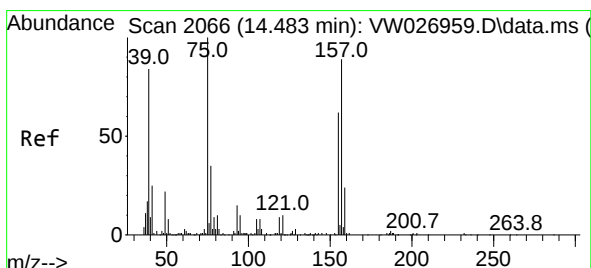
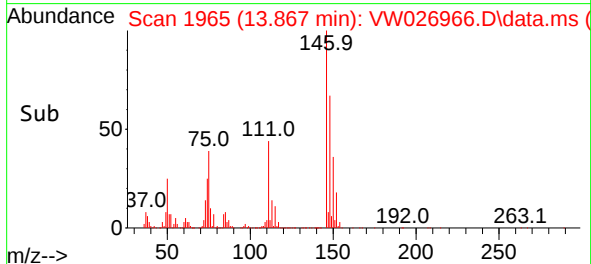
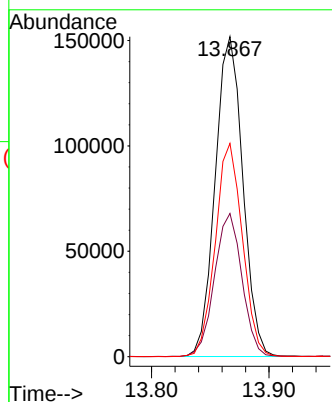
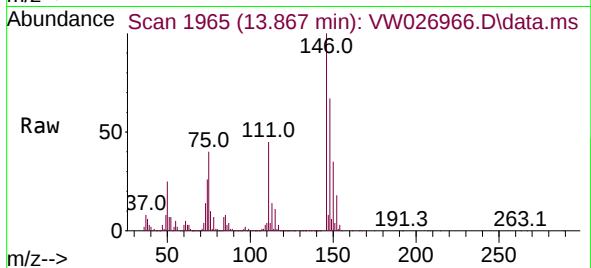
Tgt Ion:146 Resp: 248091

Ion Ratio Lower Upper

146 100

111 44.8 34.6 52.0

148 66.7 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.587 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

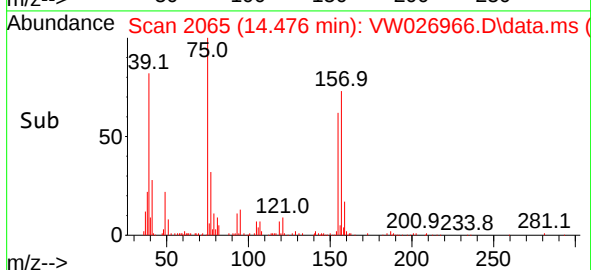
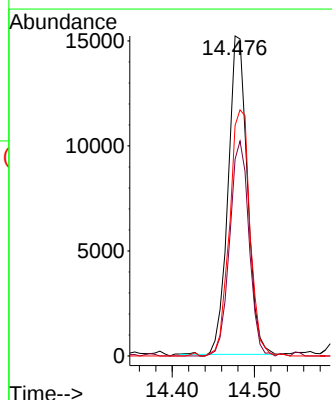
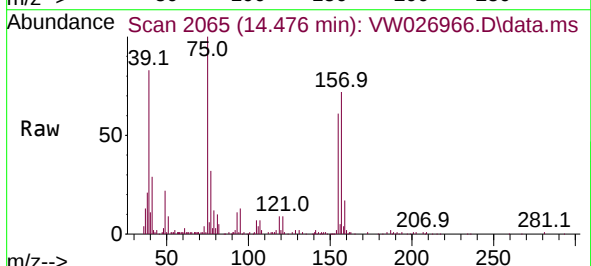
Tgt Ion: 75 Resp: 24768

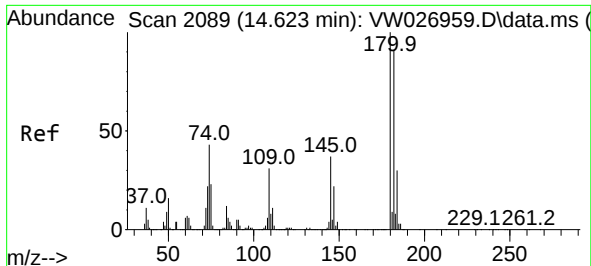
Ion Ratio Lower Upper

75 100

155 61.5 55.0 82.6

157 72.1 77.8 116.6#

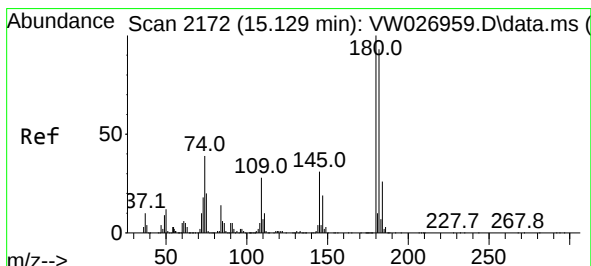
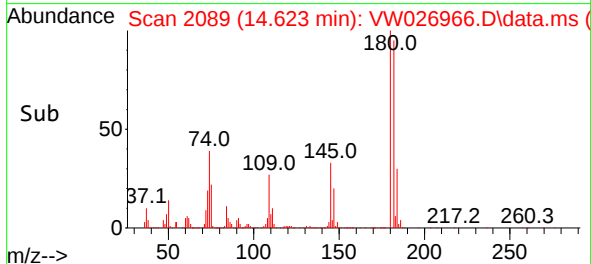
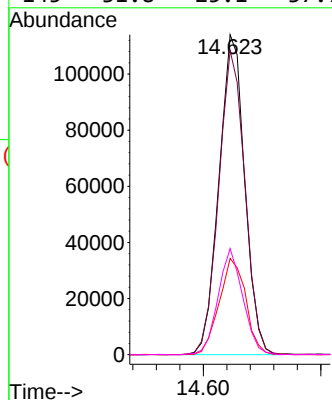
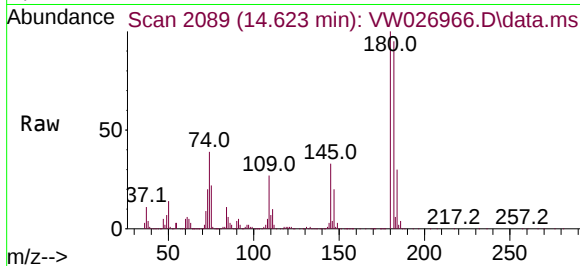




#69
1,3,5-Trichlorobenzene
Concen: 23.092 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

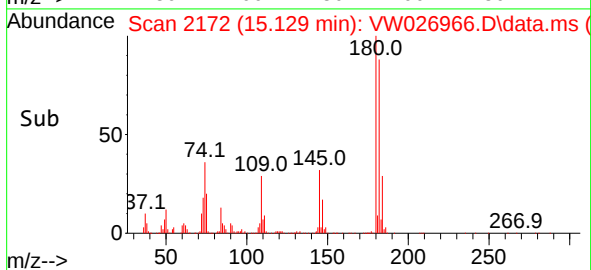
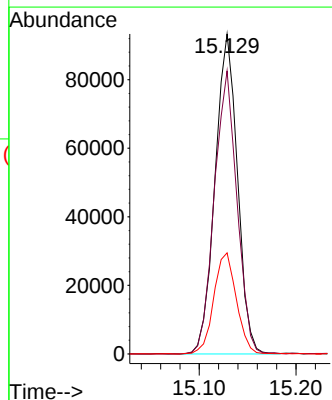
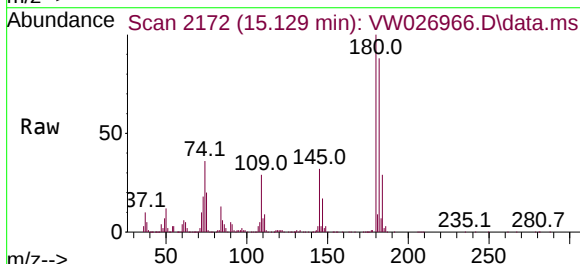
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

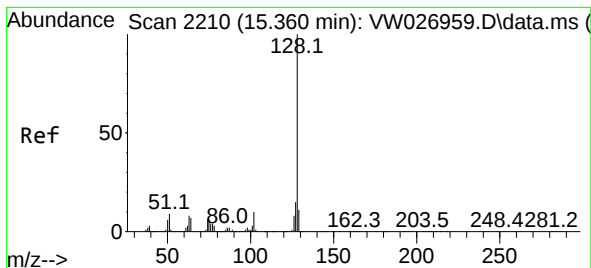
Tgt Ion:	180	Resp:	173769
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.2	112.8
184	31.0	23.8	35.8
145	31.8	25.1	37.7



#70
1,2,4-trichlorobenzene
Concen: 23.532 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026966.D
Acq: 30 Aug 2023 15:55

Tgt Ion:	180	Resp:	150137
Ion Ratio	Lower	Upper	
180	100		
182	89.3	72.5	108.7
145	31.9	24.7	37.1





#71

Naphthalene

Concen: 26.490 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

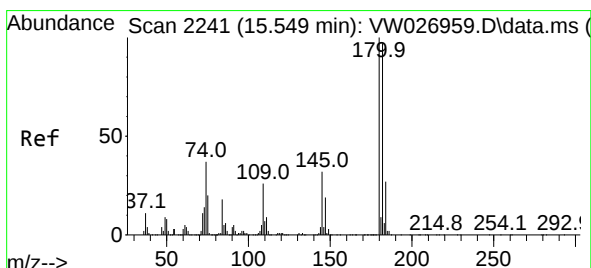
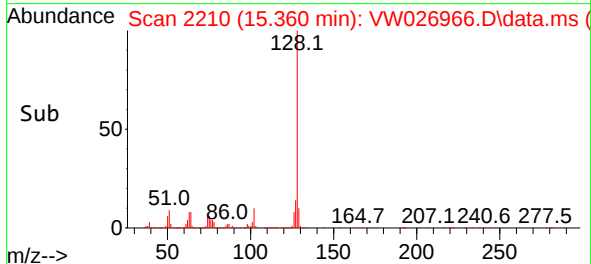
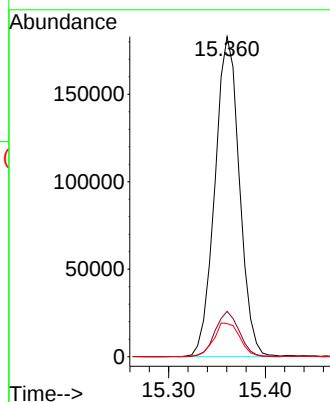
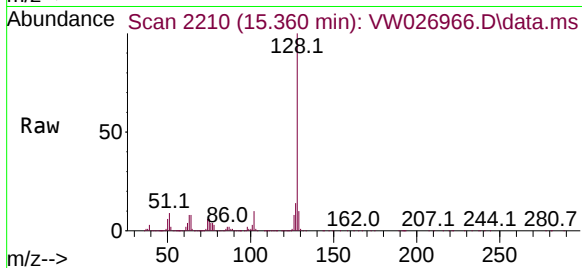
Tgt Ion:128 Resp: 322391

Ion Ratio Lower Upper

128 100

127 14.0 10.7 16.1

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 23.679 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026966.D

Acq: 30 Aug 2023 15:55

Tgt Ion:180 Resp: 136265

Ion Ratio Lower Upper

180 100

182 94.4 74.6 112.0

145 34.7 27.0 40.6

