

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061523\
 Data File : VW026192.D
 Acq On : 15 Jun 2023 10:03
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025519

Quant Time: Jun 16 06:20:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 14 23:24:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	657876	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	301428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	192368	20.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.160%
7) Chloroethane-d5	2.899	69	170793	24.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	4.021	65	95552	20.938	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.760%
21) 2-Butanone-d5	7.075	46	130835	48.557	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.120%
24) Chloroform-d	7.648	84	446494	23.176	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.720%
26) 1,2-Dichloroethane-d4	8.307	65	233146	22.132	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.520%
32) Benzene-d6	8.270	84	869390	21.391	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.560%
36) 1,2-Dichloropropane-d6	9.270	67	280303	21.769	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.080%
41) Toluene-d8	10.325	98	739541	20.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.080%
43) trans-1,3-Dichloroprop...	10.575	79	98220	19.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.000%
47) 2-Hexanone-d5	10.922	63	90710	44.679	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	213515	22.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	238430	20.666	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	187977	23.309	ug/L	96
3) Chloromethane	2.222	50	254172	24.580	ug/L	97
5) Vinyl chloride	2.375	62	281235	25.443	ug/L	100
6) Bromomethane	2.789	94	153041	25.398	ug/L	98
8) Chloroethane	2.930	64	165357	27.684	ug/L	95
9) Trichlorofluoromethane	3.265	101	196621	27.650	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	215578	24.025	ug/L	97
12) 1,1-Dichloroethene	4.045	96	207808	24.809	ug/L	76
13) Acetone	4.112	43	109170	52.363	ug/L	75
14) Carbon disulfide	4.393	76	662073	22.391	ug/L	100
15) Methyl Acetate	4.667	43	107524	22.979	ug/L	100
16) Methylene chloride	4.917	84	233193	22.208	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	219843	23.393	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	326534	22.046	ug/L	99
19) 1,1-Dichloroethane	6.216	63	466229	24.369	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	240677	24.177	ug/L	98
22) 2-Butanone	7.167	43	145831	49.035	ug/L	99
23) Bromochloromethane	7.514	128	98953	23.308	ug/L	96
25) Chloroform	7.679	83	432089	24.247	ug/L	99

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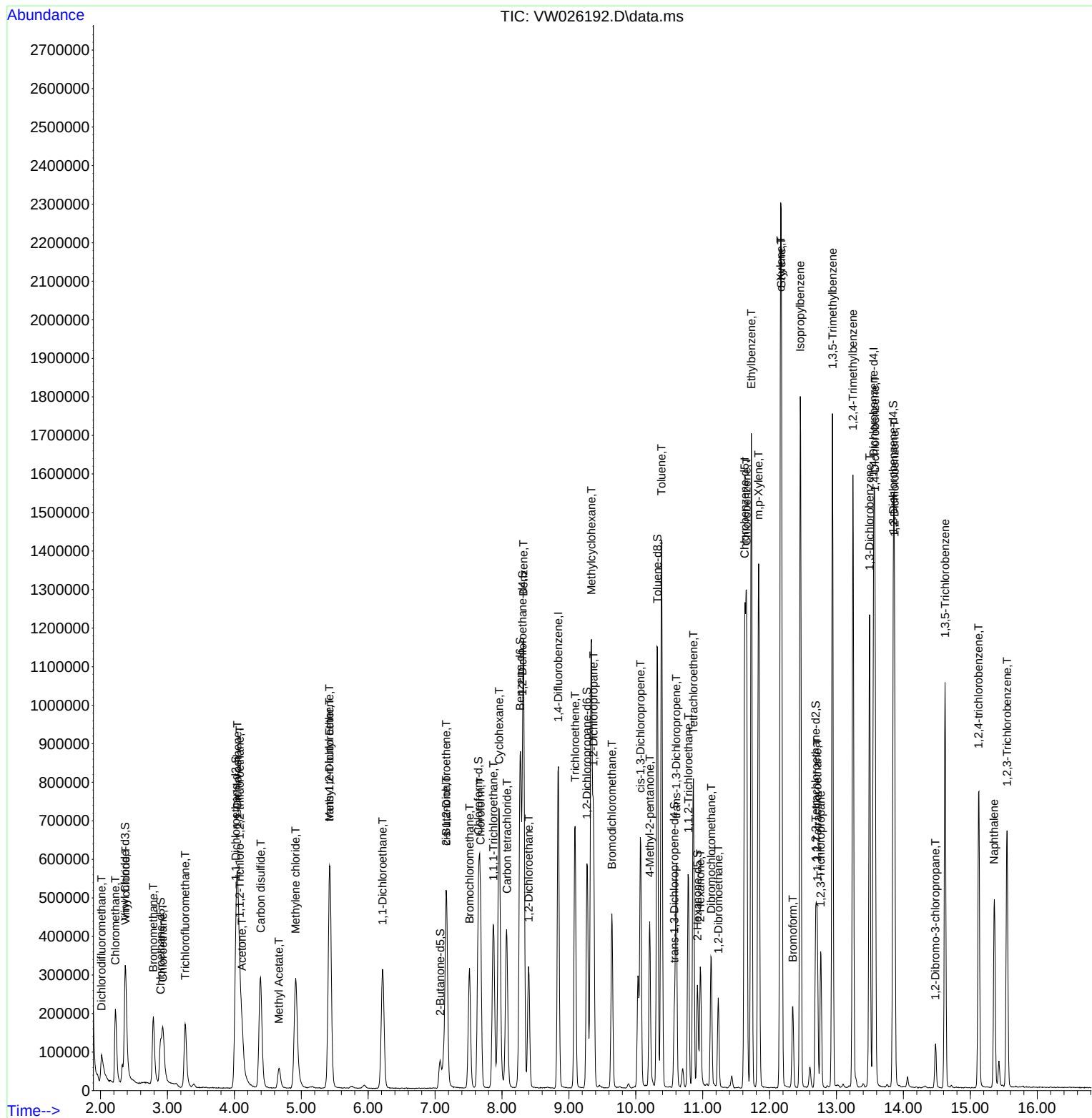
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	288145	23.445	ug/L	97
29) Cyclohexane	7.959	56	427218	22.910	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	350295	23.898	ug/L	99
31) Carbon tetrachloride	8.075	117	313135	23.411	ug/L	98
33) Benzene	8.319	78	964907	23.320	ug/L	100
34) Trichloroethene	9.093	95	243587	22.991	ug/L	97
35) Methylcyclohexane	9.337	83	439989	23.469	ug/L	99
37) 1,2-Dichloropropane	9.367	63	263977	23.555	ug/L	100
38) Bromodichloromethane	9.642	83	298947	22.960	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	378200	22.964	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	299814	45.376	ug/L	100
42) Toluene	10.386	91	991917	23.438	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	308046	22.452	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	169505	22.949	ug/L	98
46) Tetrachloroethene	10.861	164	173828	23.196	ug/L	91
48) 2-Hexanone	10.965	43	210370	45.156	ug/L	97
49) Dibromochloromethane	11.129	129	175363	22.645	ug/L	96
50) 1,2-Dibromoethane	11.233	107	150900	22.065	ug/L	97
51) Chlorobenzene	11.654	112	611591	23.062	ug/L	97
52) Ethylbenzene	11.727	91	1136211	23.800	ug/L	98
53) m,p-Xylene	11.837	106	416396	23.446	ug/L	93
54) o-Xylene	12.166	106	389649	23.245	ug/L	99
55) Styrene	12.178	104	695879	24.198	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	203430	22.758	ug/L	97
59) Bromoform	12.349	173	91406	20.190	ug/L	95
60) Isopropylbenzene	12.458	105	1113651	23.518	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	147218	21.804	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	857394	22.777	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	808057	23.438	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	454216	22.814	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	440788	21.990	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	404849	22.644	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	31110	19.887	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	283120	20.701	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	232434	20.596	ug/L	95
71) Naphthalene	15.354	128	401502	19.962	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	202282	20.510	ug/L	98

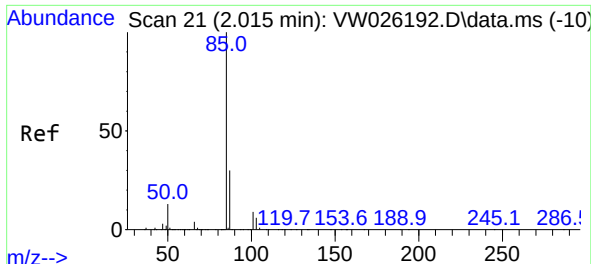
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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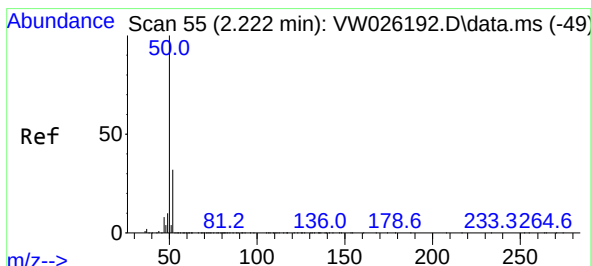
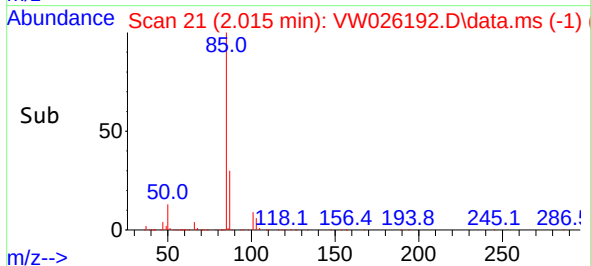
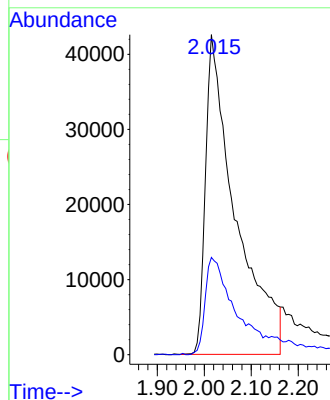
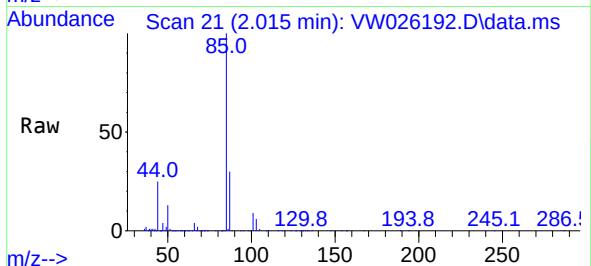




#2
Dichlorodifluoromethane
Concen: 23.309 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

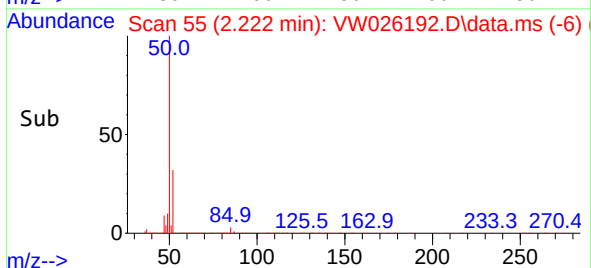
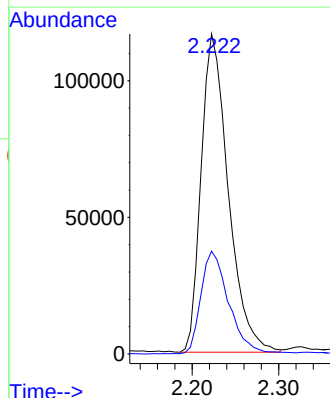
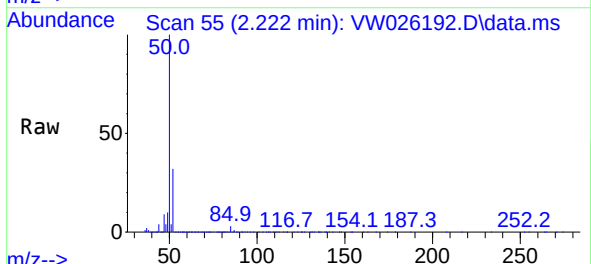
Instrument :
MSVOA_W
ClientSampleId :
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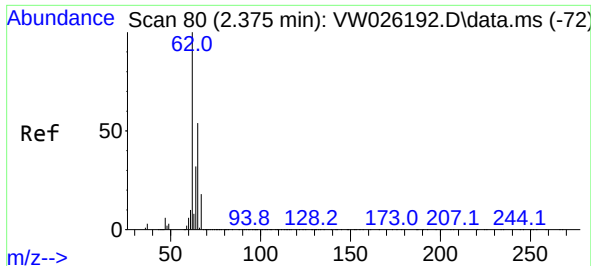
Tgt Ion: 85 Resp: 187977
Ion Ratio Lower Upper
85 100
87 25.7 22.2 33.2



#3
Chloromethane
Concen: 24.580 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 50 Resp: 254172
Ion Ratio Lower Upper
50 100
52 32.1 21.3 39.6

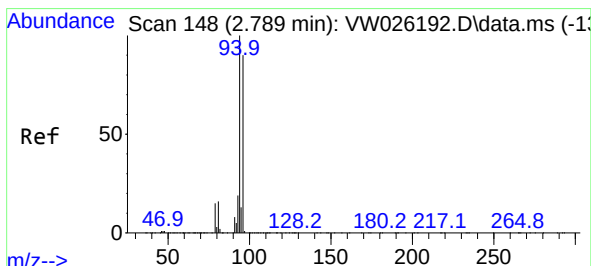
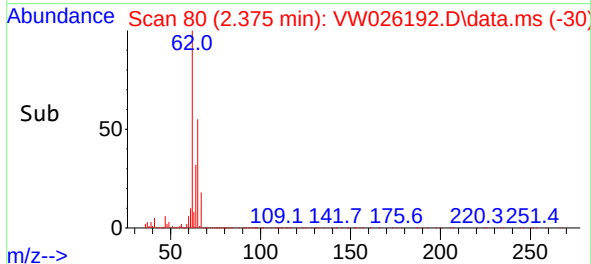
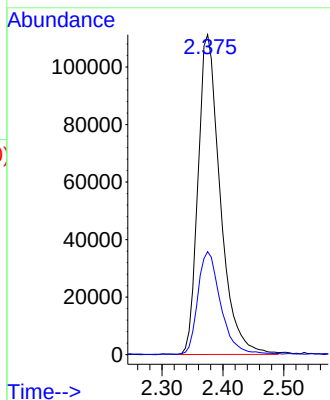
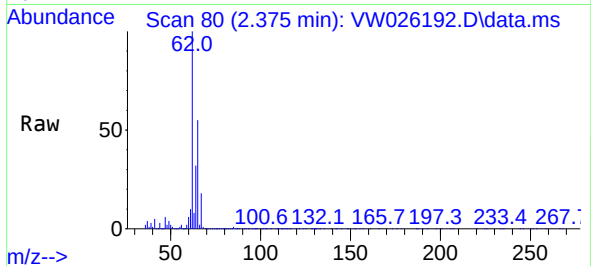




#5
 Vinyl chloride
 Concen: 25.443 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW026192.D
 Acq: 15 Jun 2023 10:03

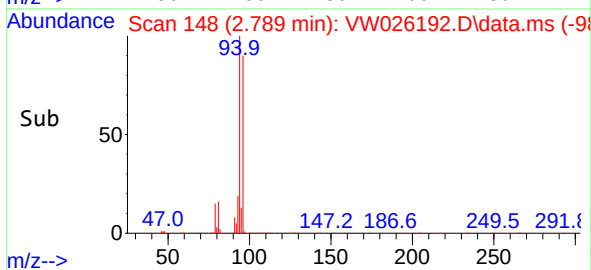
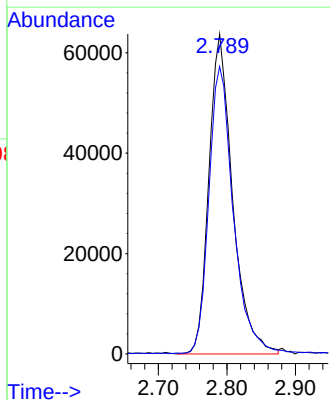
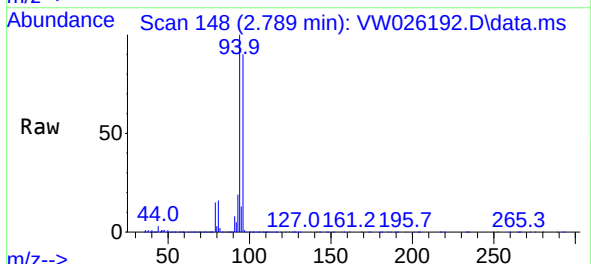
Instrument :
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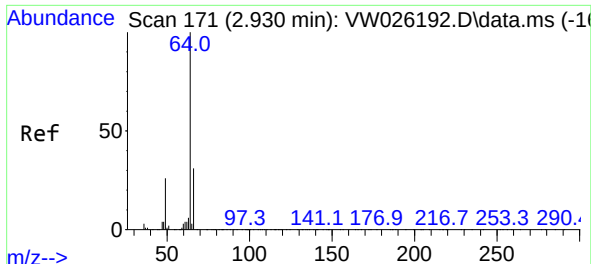
Tgt Ion: 62 Resp: 281235
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.7 42.1



#6
 Bromomethane
 Concen: 25.398 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026192.D
 Acq: 15 Jun 2023 10:03

Tgt Ion: 94 Resp: 153041
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.2 119.2

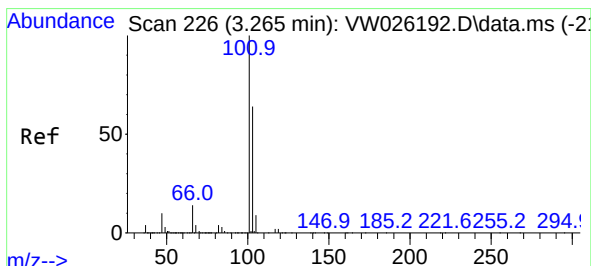
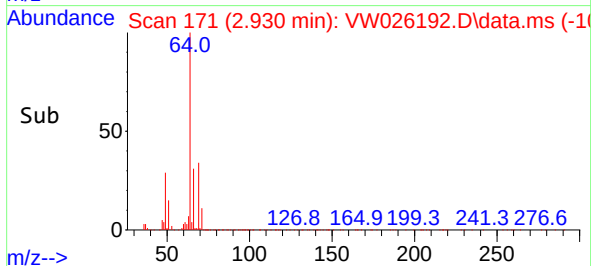
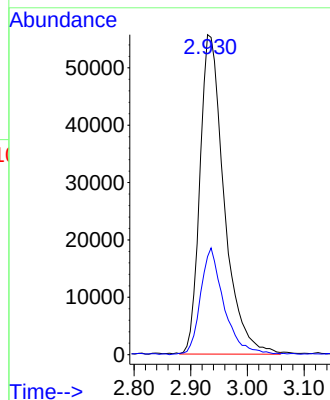
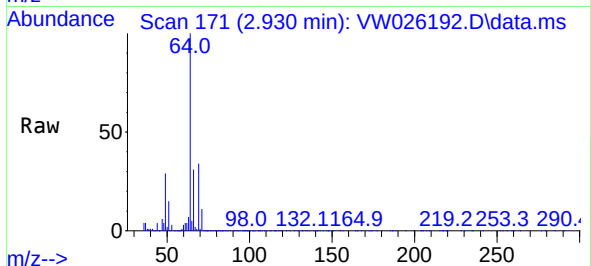




#8
Chloroethane
Concen: 27.684 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

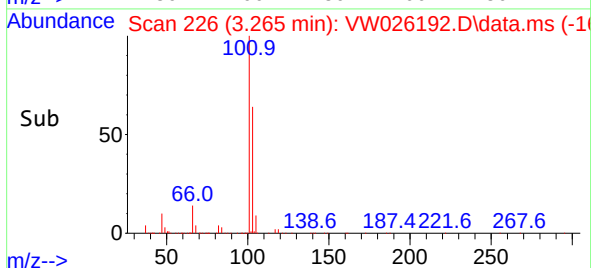
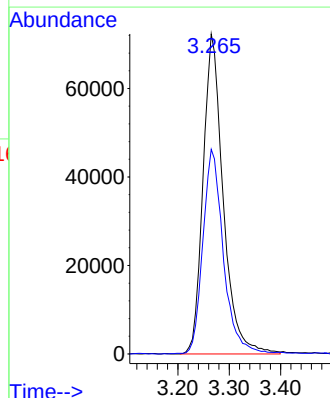
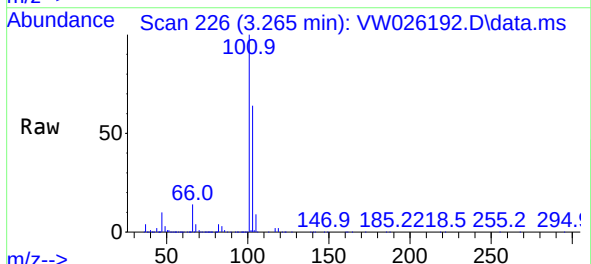
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ClientSampleId :
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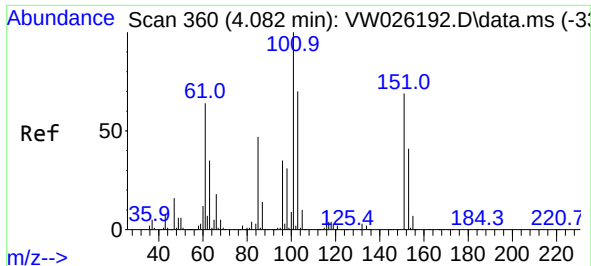
Tgt Ion: 64 Resp: 165357
Ion Ratio Lower Upper
64 100
66 30.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 27.650 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 101 Resp: 196621
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

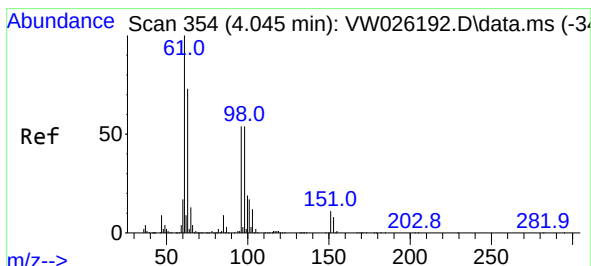
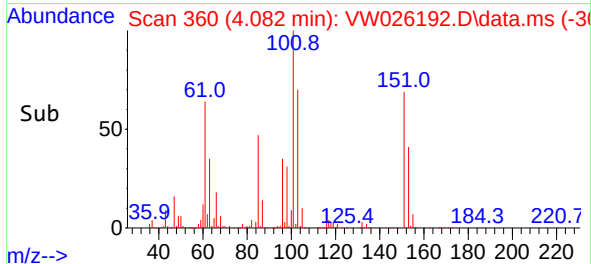
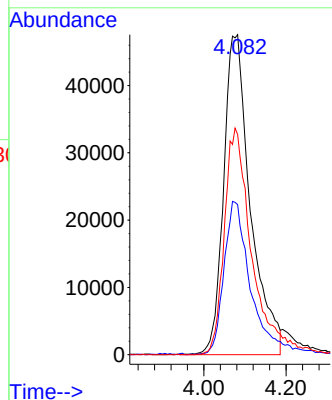
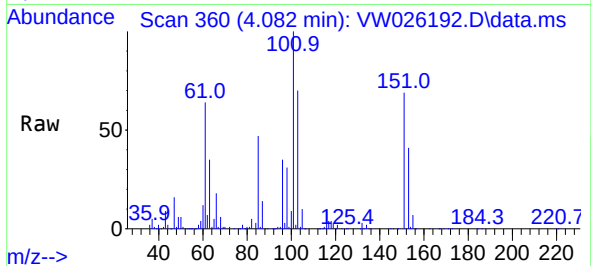




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.025 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.018 min
 Lab File: VW026192.D
 Acq: 15 Jun 2023 10:03

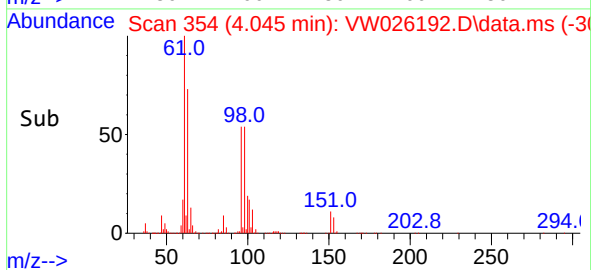
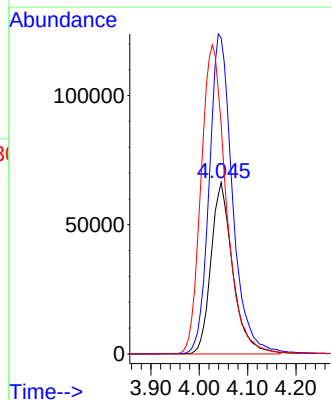
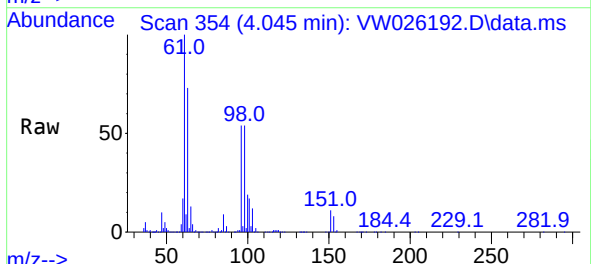
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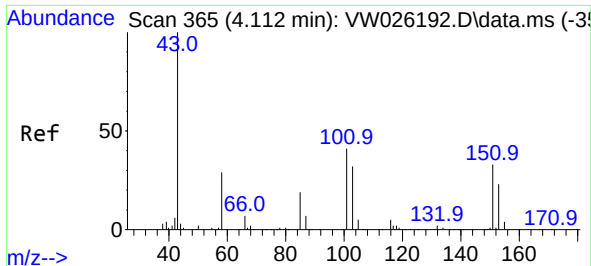
Tgt Ion:101 Resp: 215578
 Ion Ratio Lower Upper
 101 100
 85 46.4 36.1 54.1
 151 71.7 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 24.809 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026192.D
 Acq: 15 Jun 2023 10:03

Tgt Ion: 96 Resp: 207808
 Ion Ratio Lower Upper
 96 100
 61 184.2 140.6 261.0
 63 134.1 131.7 244.5

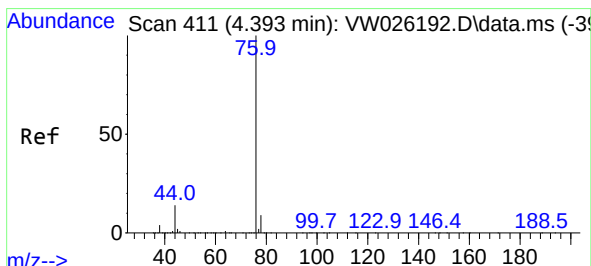
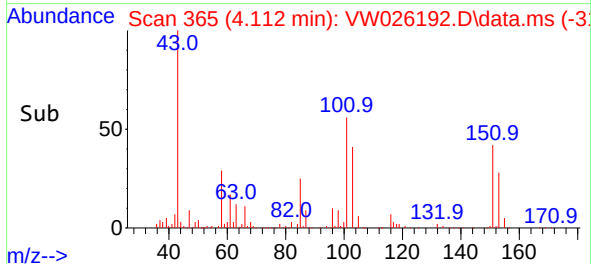
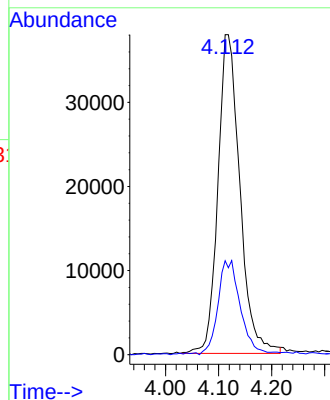
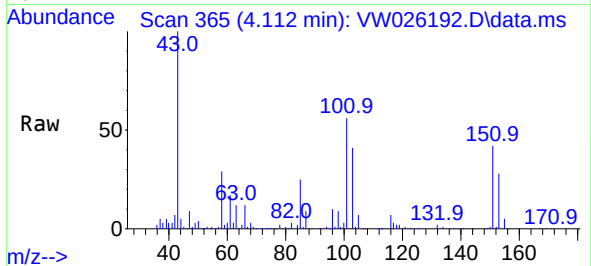




#13
Acetone
Concen: 52.363 ug/L
RT: 4.112 min Scan# 365
Delta R.T. -0.018 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

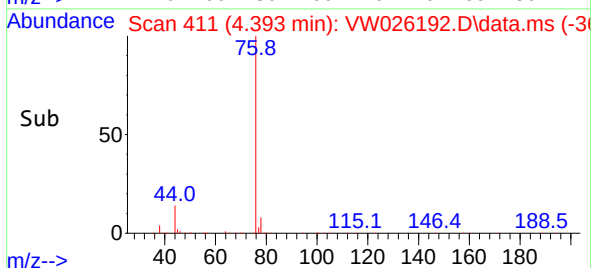
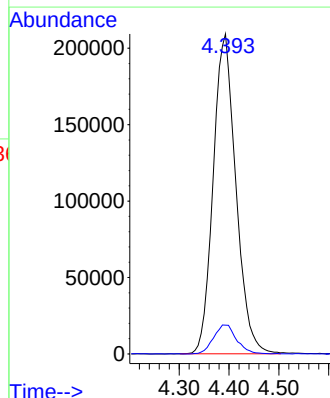
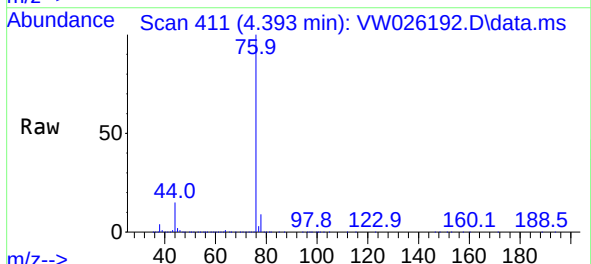
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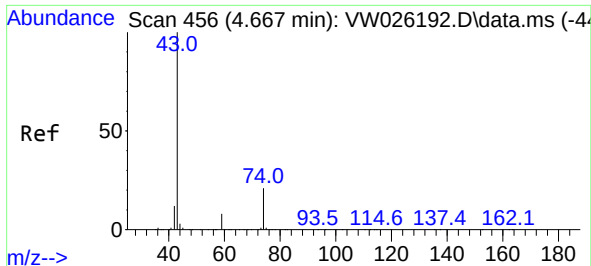
Tgt Ion: 43 Resp: 109170
Ion Ratio Lower Upper
43 100
58 15.5 0.0 58.2



#14
Carbon disulfide
Concen: 22.391 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 662073
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

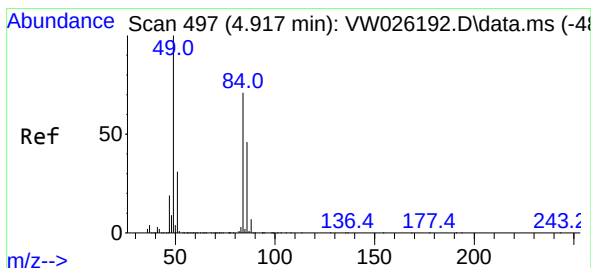
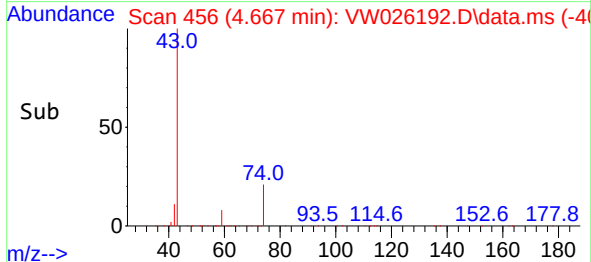
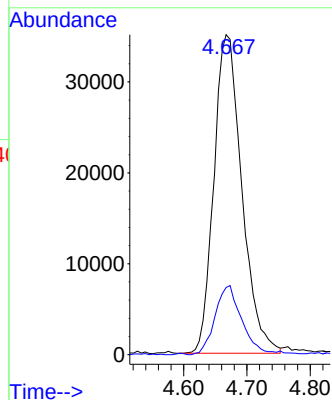
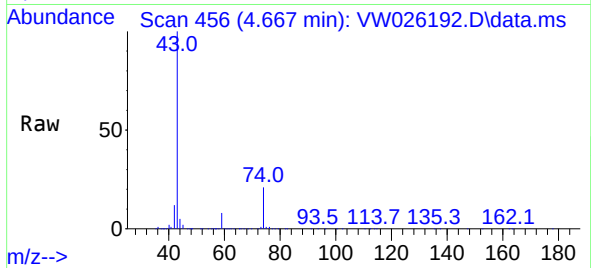




#15
Methyl Acetate
Concen: 22.979 ug/L
RT: 4.667 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

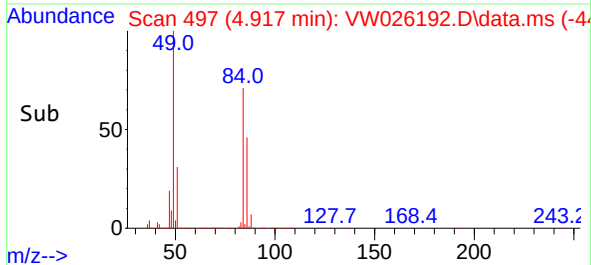
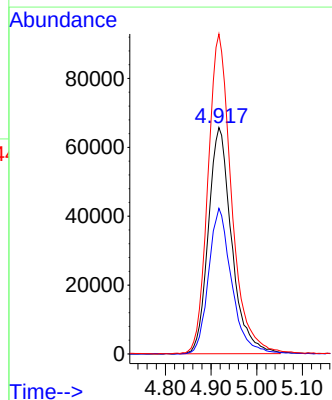
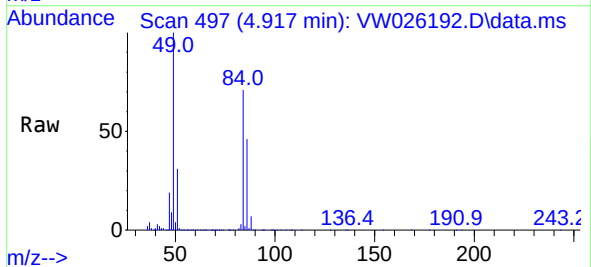
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

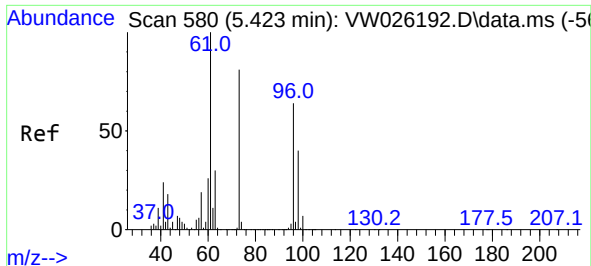
Tgt Ion: 43 Resp: 107524
Ion Ratio Lower Upper
43 100
74 20.6 16.6 25.0



#16
Methylene chloride
Concen: 22.208 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 84 Resp: 233193
Ion Ratio Lower Upper
84 100
86 64.4 44.2 82.0
49 141.4 98.8 183.6

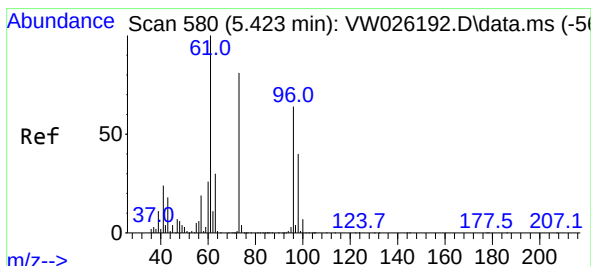
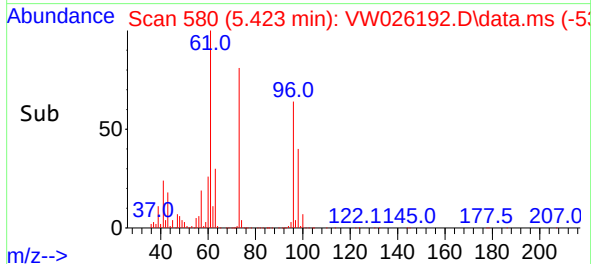
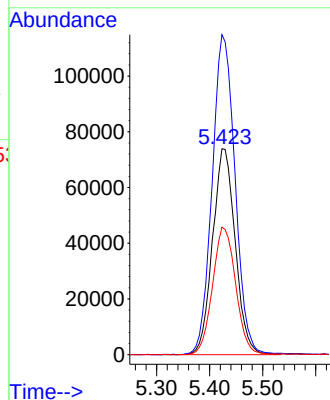
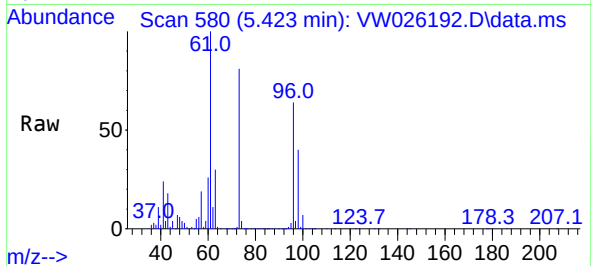




#17
trans-1,2-Dichloroethene
Concen: 23.393 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

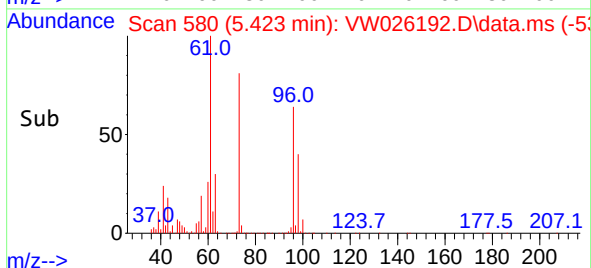
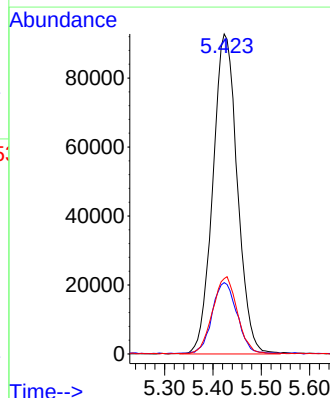
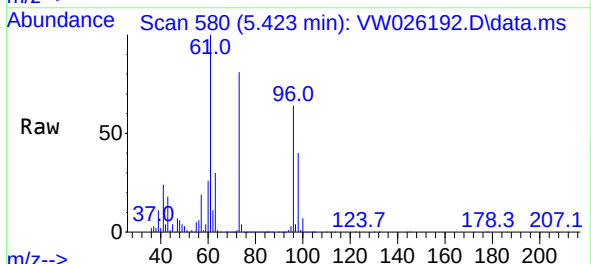
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

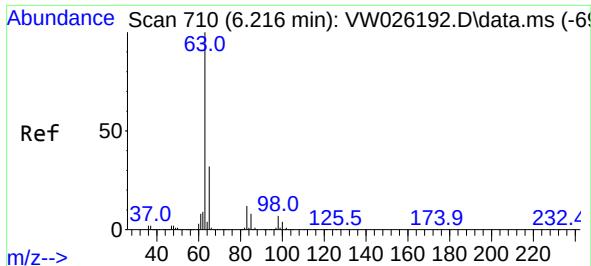
Tgt Ion: 96 Resp: 219843
Ion Ratio Lower Upper
96 100
61 155.4 113.0 209.8
98 61.9 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 22.046 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 73 Resp: 326534
Ion Ratio Lower Upper
73 100
43 22.2 17.8 26.6
57 24.2 18.9 28.3

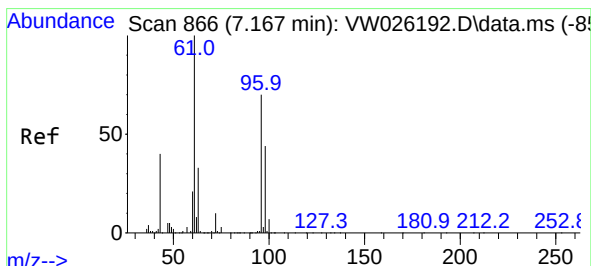
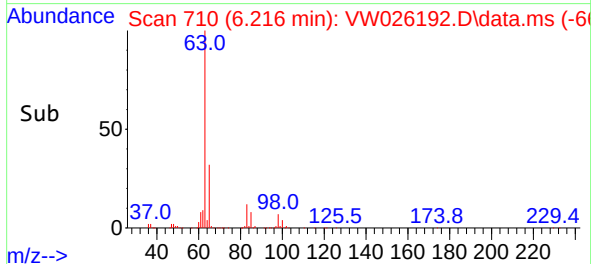
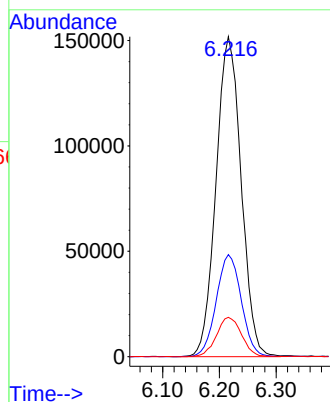
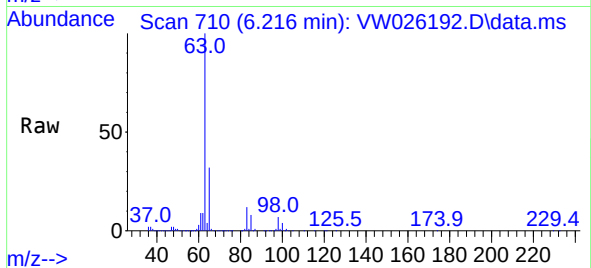




#19
1,1-Dichloroethane
Concen: 24.369 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

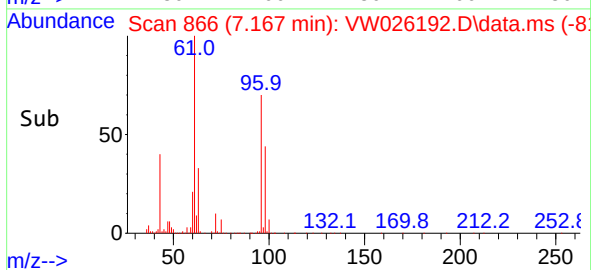
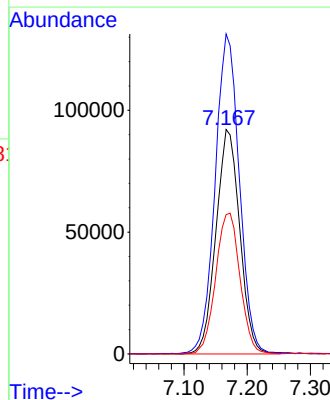
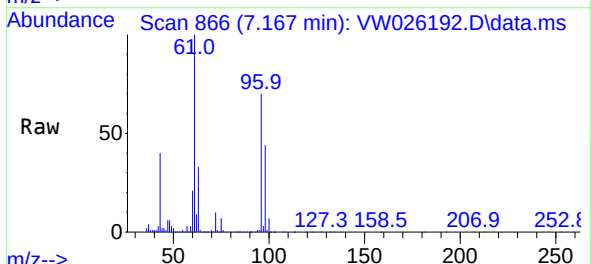
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

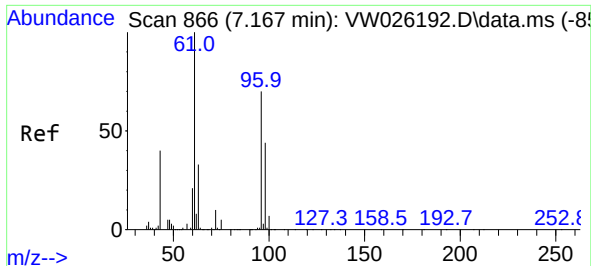
Tgt Ion: 63 Resp: 466229
Ion Ratio Lower Upper
63 100
65 31.9 22.3 41.5
83 12.3 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 24.177 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 96 Resp: 240677
Ion Ratio Lower Upper
96 100
61 142.5 98.4 182.8
98 62.1 45.2 84.0

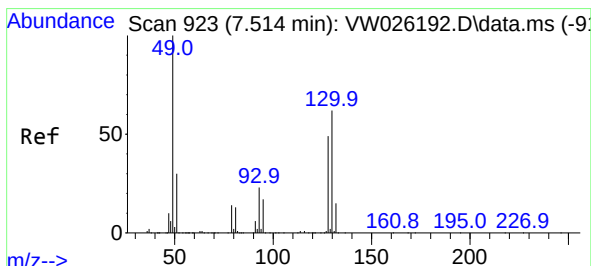
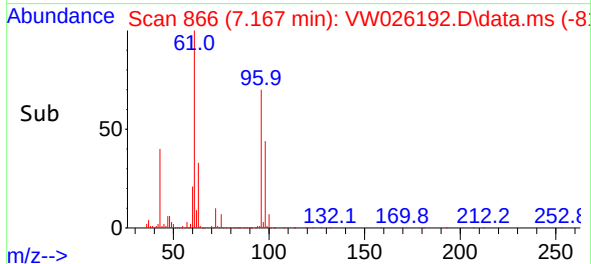
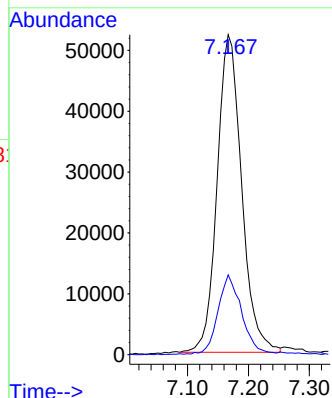
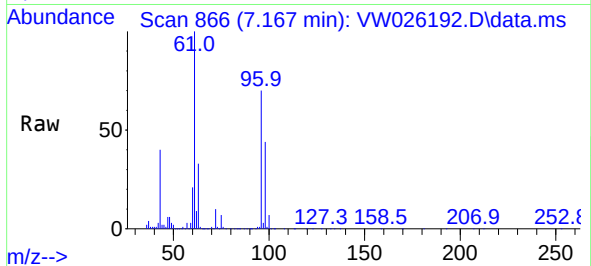




#22
2-Butanone
Concen: 49.035 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

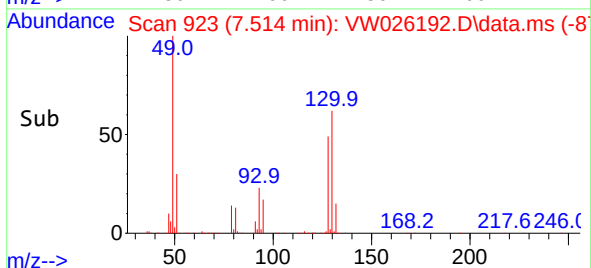
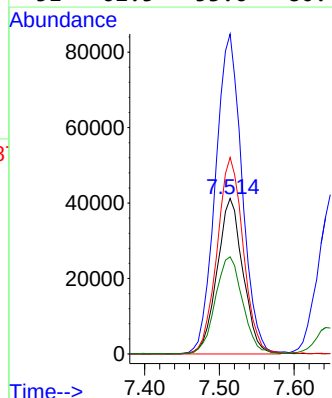
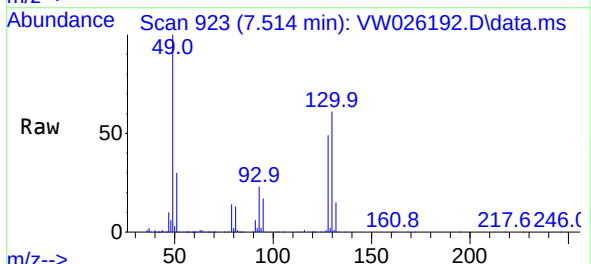
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

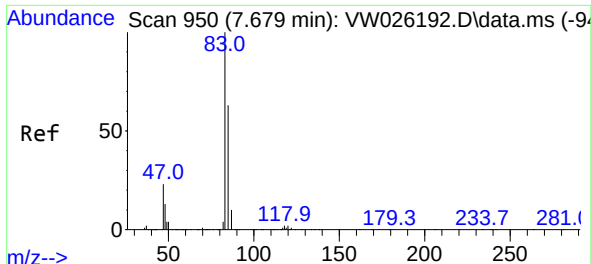
Tgt Ion: 43 Resp: 145831
Ion Ratio Lower Upper
43 100
72 24.4 12.4 37.4



#23
Bromochloromethane
Concen: 23.308 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 128 Resp: 98953
Ion Ratio Lower Upper
128 100
49 205.8 140.6 261.0
130 126.4 86.0 159.6
51 62.5 53.6 80.4

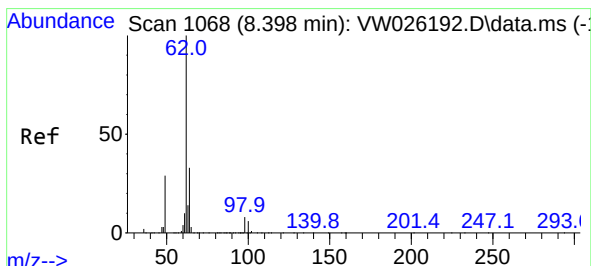
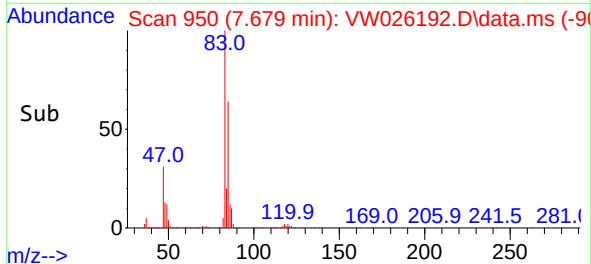
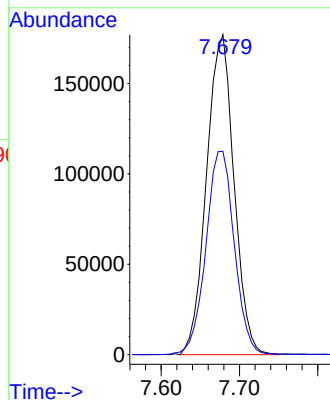
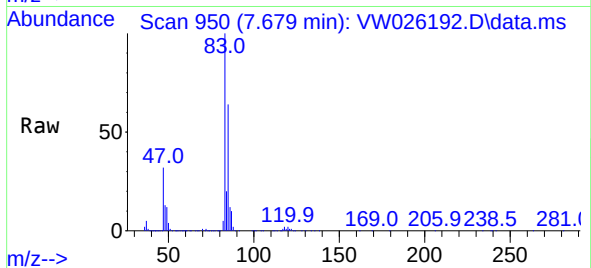




#25
Chloroform
Concen: 24.247 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

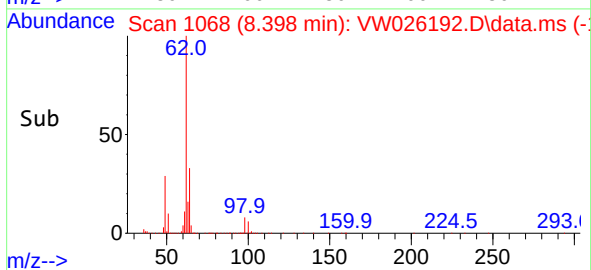
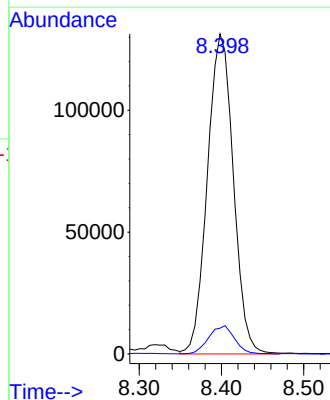
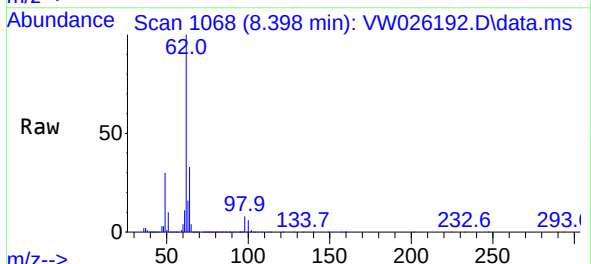
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

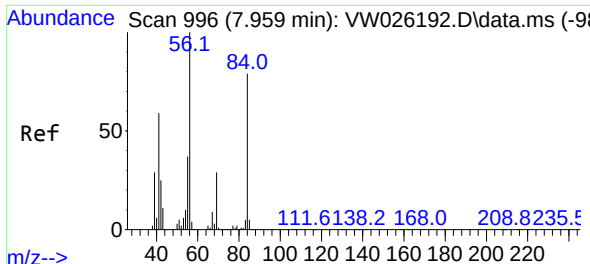
Tgt Ion: 83 Resp: 432089
Ion Ratio Lower Upper
83 100
85 63.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.445 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 62 Resp: 288145
Ion Ratio Lower Upper
62 100
98 8.1 7.4 11.2

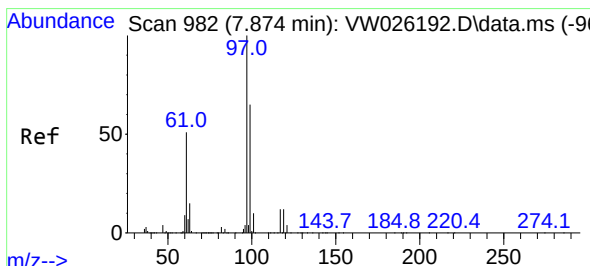
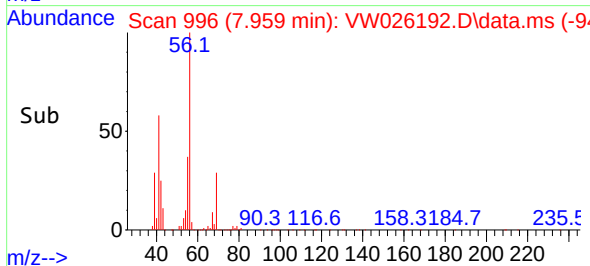
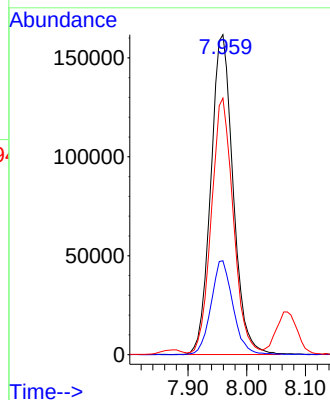
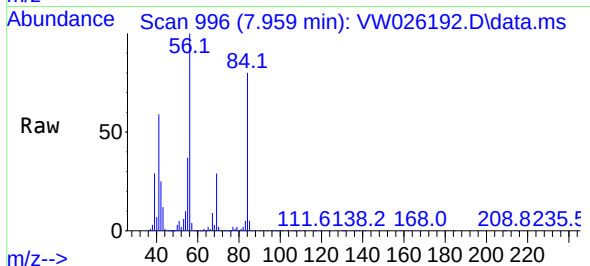




#29
Cyclohexane
Concen: 22.910 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

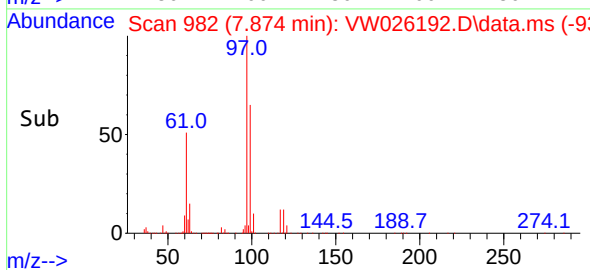
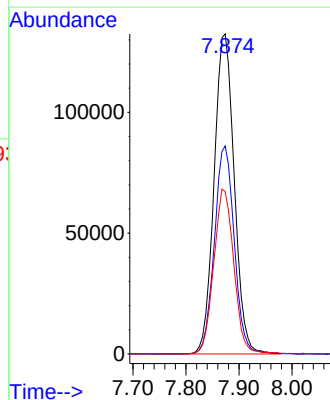
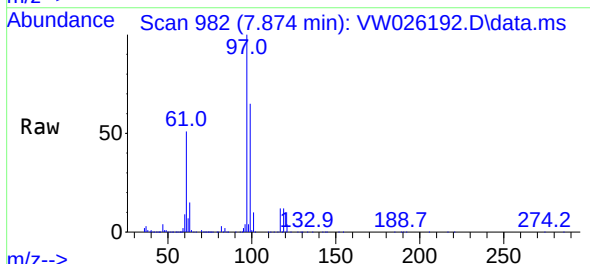
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

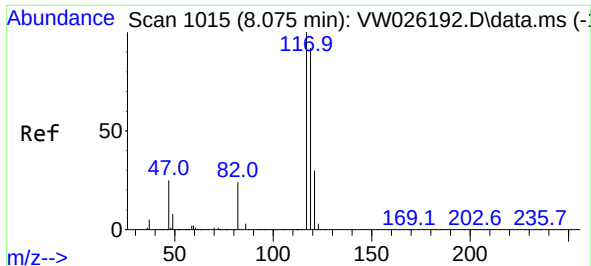
Tgt Ion: 56 Resp: 427218
Ion Ratio Lower Upper
56 100
69 29.0 23.3 34.9
84 78.9 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 23.898 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 97 Resp: 350295
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 51.0 40.5 60.7

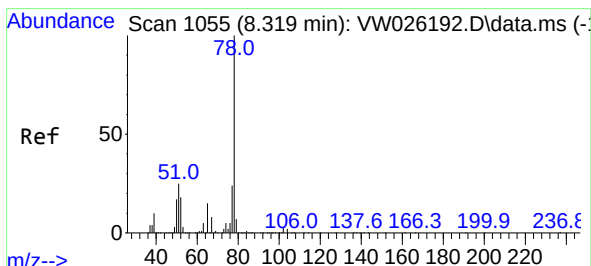
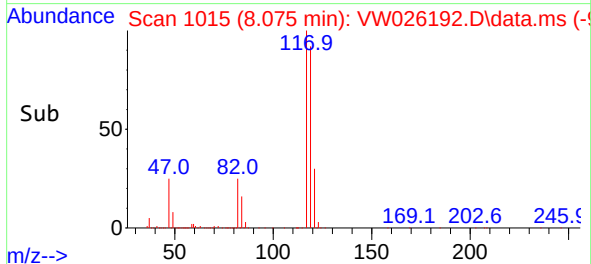
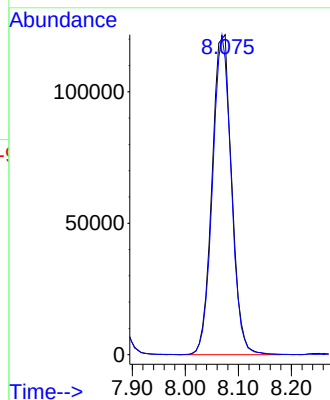
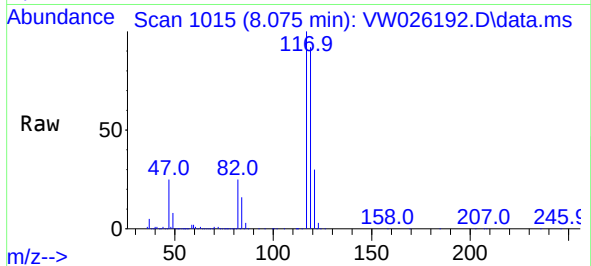




#31
Carbon tetrachloride
Concen: 23.411 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

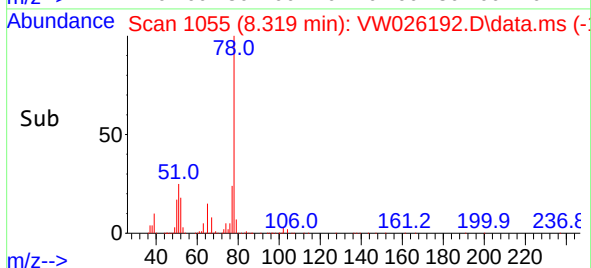
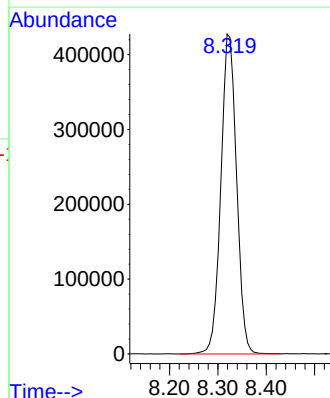
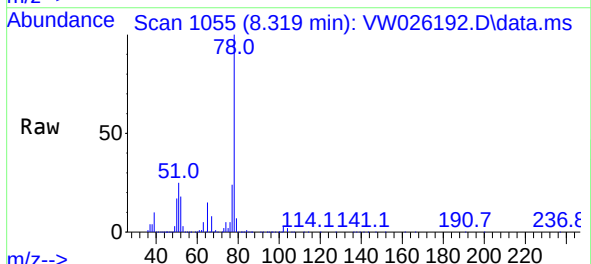
Instrument : MSVOA_W
ClientSampleId : VSTD025519

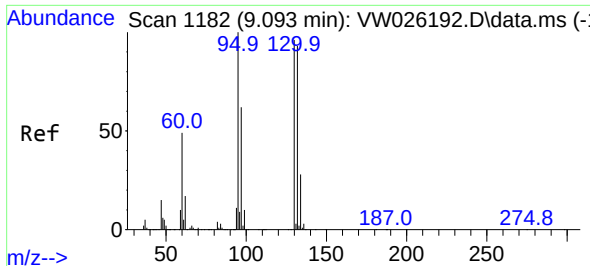
Tgt Ion:117 Resp: 313135
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.2



#33
Benzene
Concen: 23.320 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 78 Resp: 964907



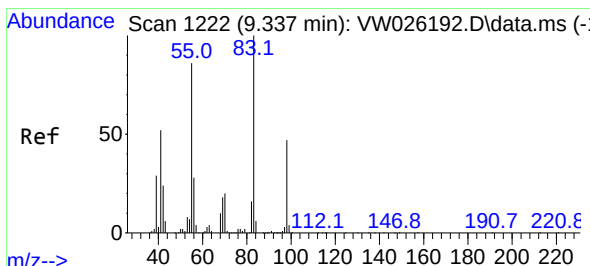
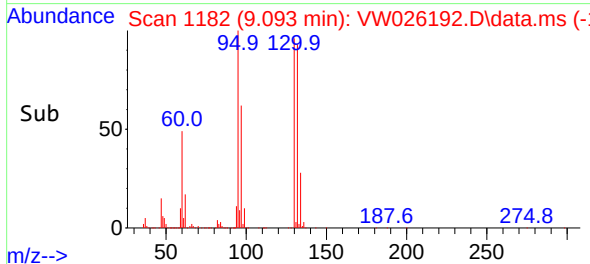
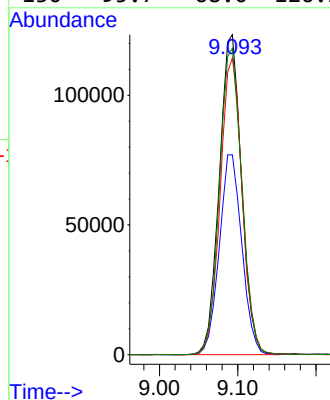
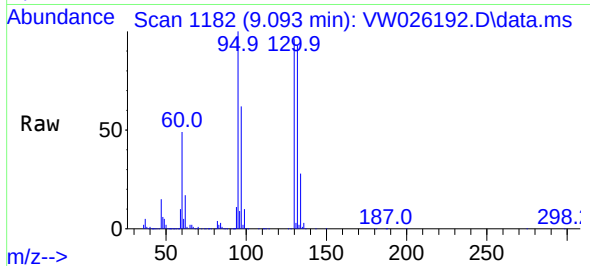


#34
Trichloroethene
Concen: 22.991 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

Tgt Ion: 95 Resp: 243587

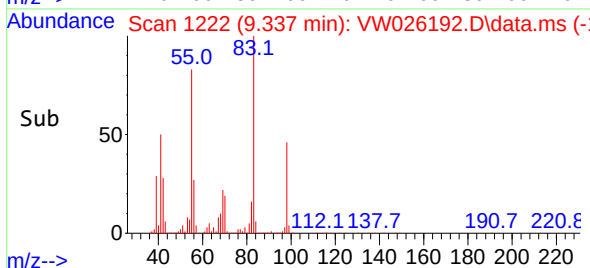
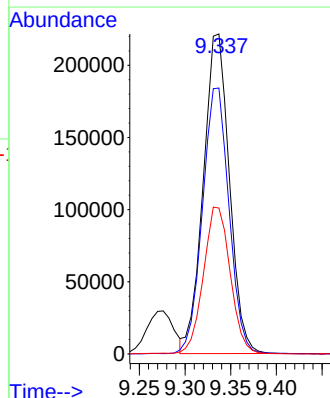
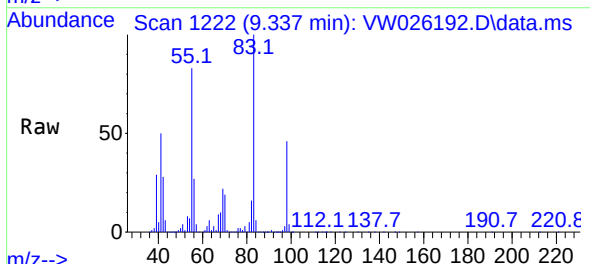
Ion	Ratio	Lower	Upper
95	100		
97	62.5	45.9	85.3
132	92.7	67.1	124.7
130	95.7	68.0	126.2

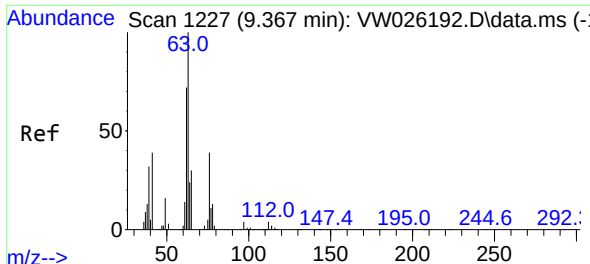


#35
Methylcyclohexane
Concen: 23.469 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 83 Resp: 439989

Ion	Ratio	Lower	Upper
83	100		
55	84.4	68.2	102.4
98	47.0	38.1	57.1





#37

1,2-Dichloropropane

Concen: 23.555 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW026192.D

Acq: 15 Jun 2023 10:03

Instrument :

MSVOA_W

ClientSampleId :

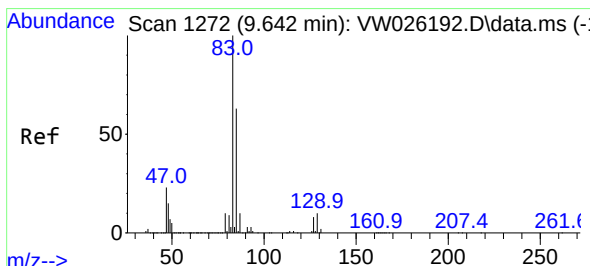
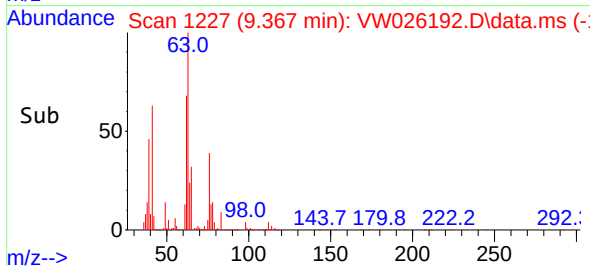
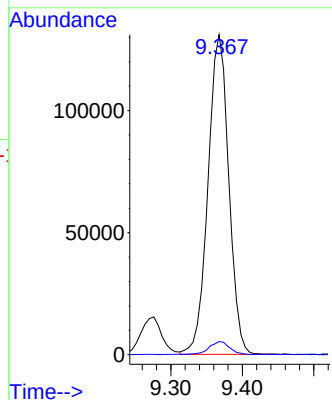
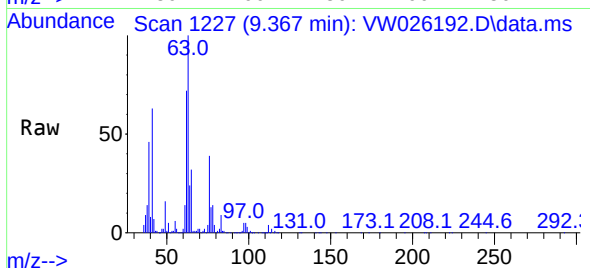
VSTD025519

Tgt Ion: 63 Resp: 263977

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 22.960 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026192.D

Acq: 15 Jun 2023 10:03

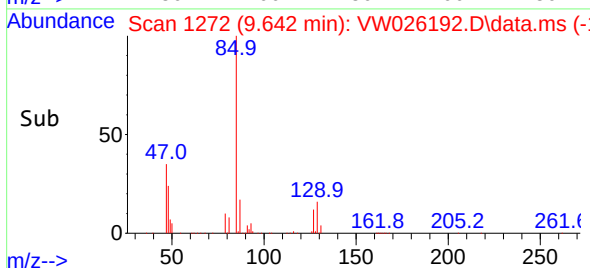
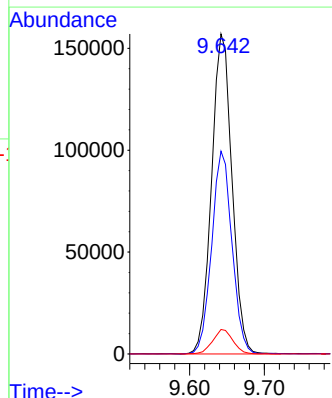
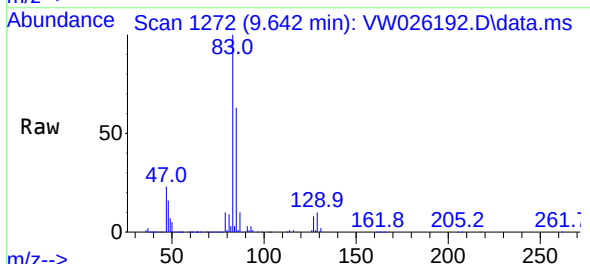
Tgt Ion: 83 Resp: 298947

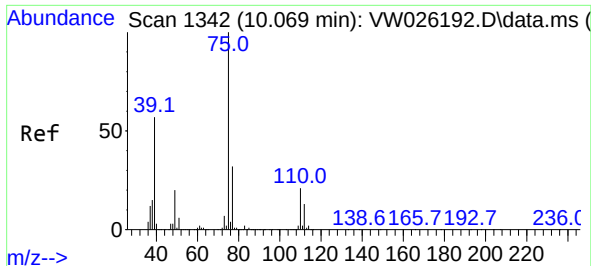
Ion Ratio Lower Upper

83 100

85 63.3 44.2 82.0

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.964 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW026192.D

Acq: 15 Jun 2023 10:03

Instrument :

MSVOA_W

ClientSampleId :

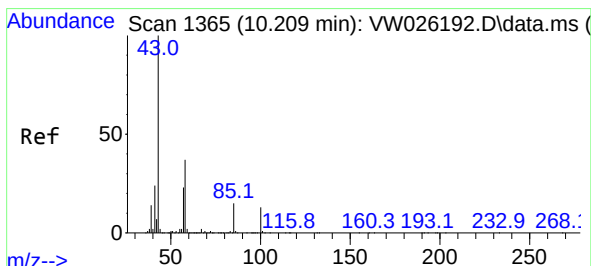
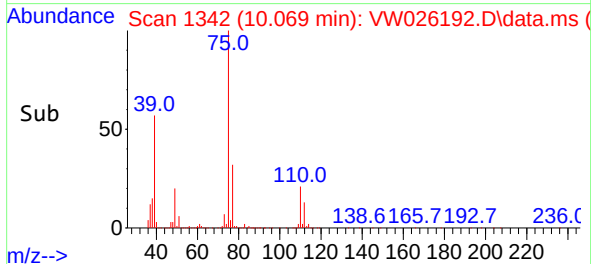
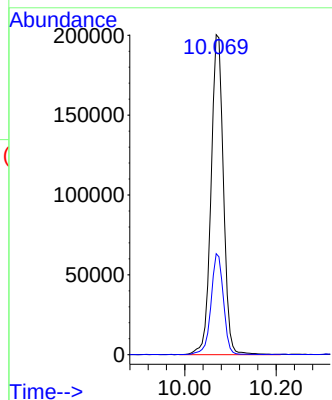
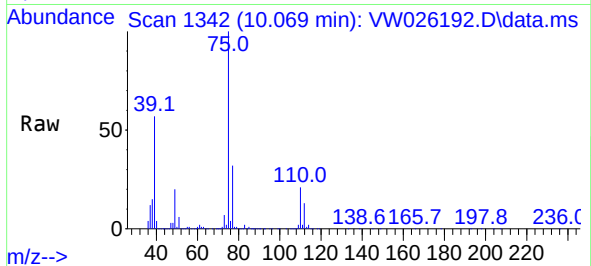
VSTD025519

Tgt Ion: 75 Resp: 378200

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 45.376 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026192.D

Acq: 15 Jun 2023 10:03

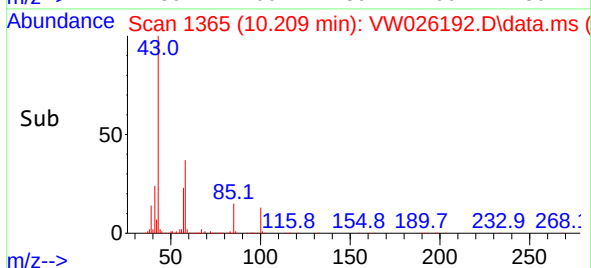
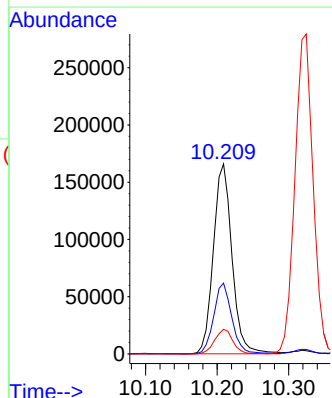
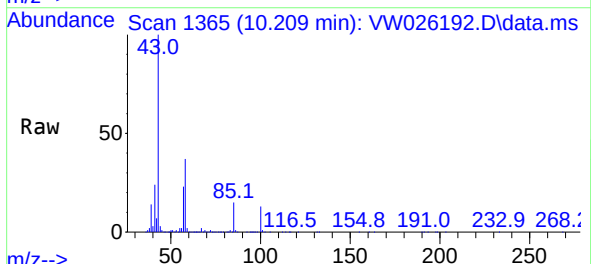
Tgt Ion: 43 Resp: 299814

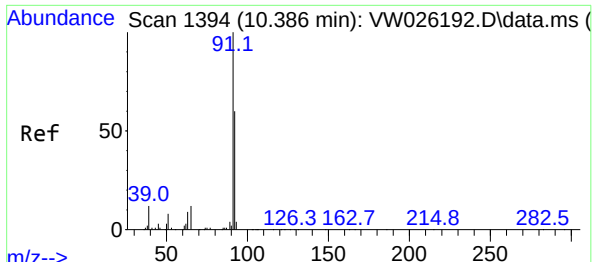
Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.4

100 12.8 10.5 15.7

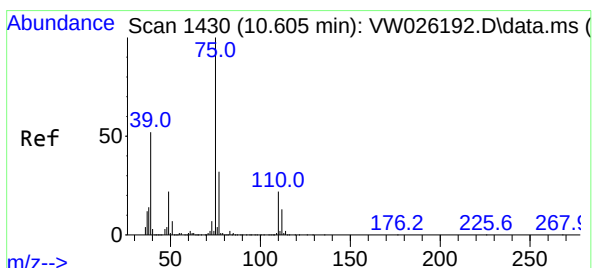
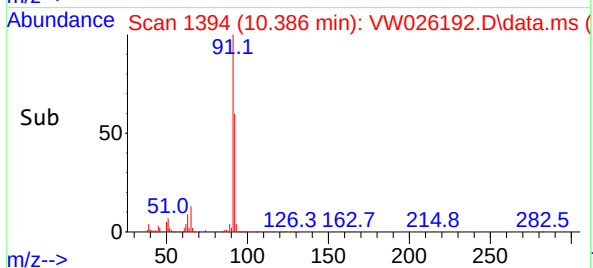
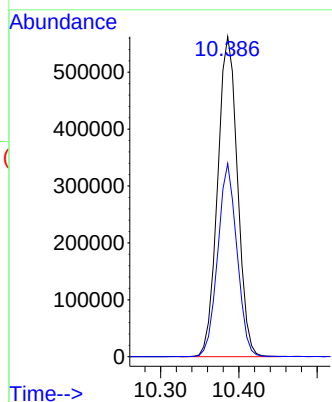
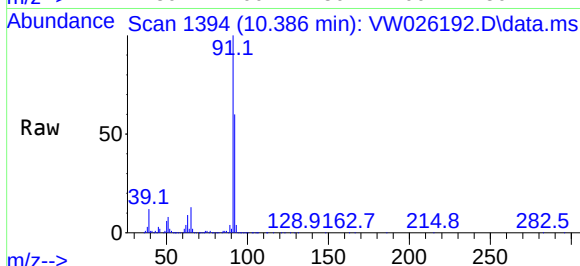




#42
Toluene
Concen: 23.438 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

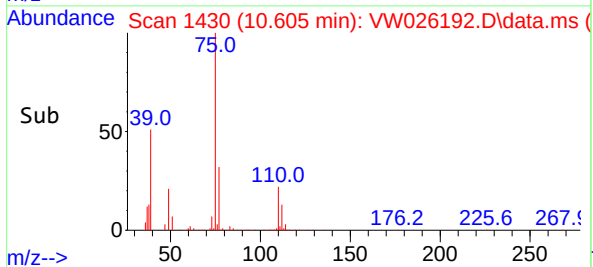
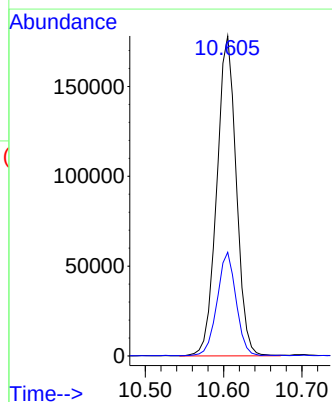
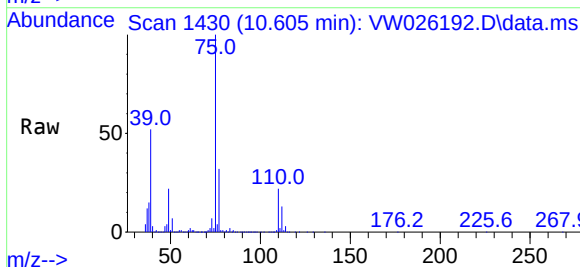
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

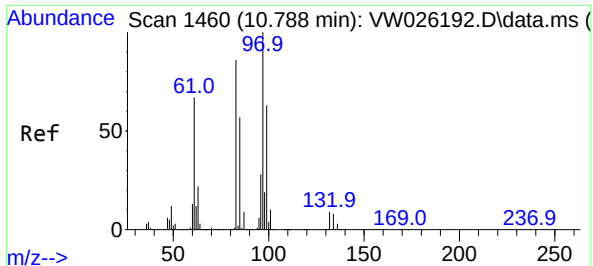
Tgt Ion: 91 Resp: 991917
Ion Ratio Lower Upper
91 100
92 60.4 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 22.452 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 75 Resp: 308046
Ion Ratio Lower Upper
75 100
77 32.4 21.1 39.3



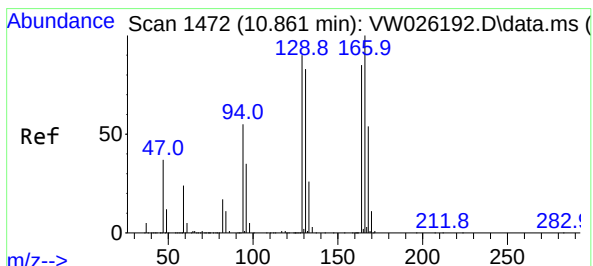
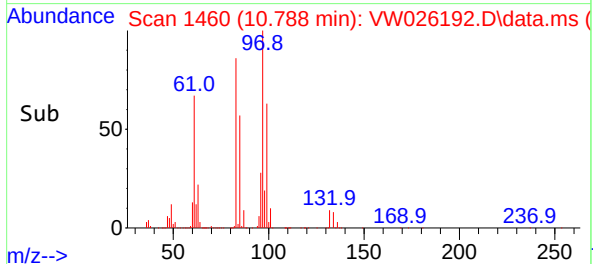
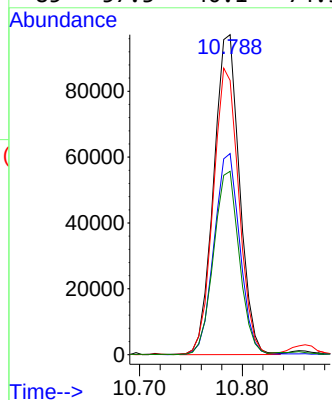
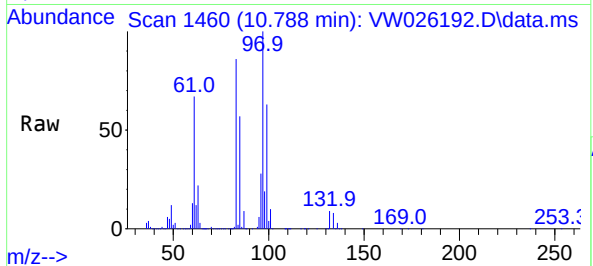


#45
1,1,2-Trichloroethane
Concen: 22.949 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

Tgt Ion: 97 Resp: 169505

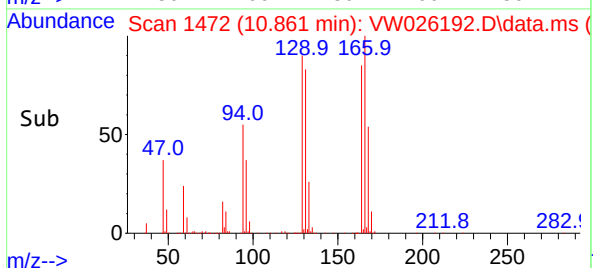
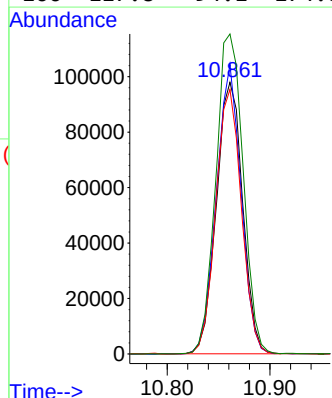
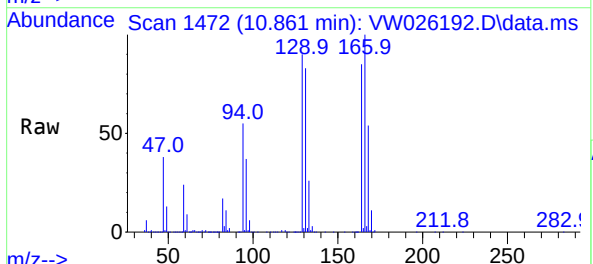
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.3	80.5
83	85.7	62.9	116.9
85	57.3	40.1	74.5

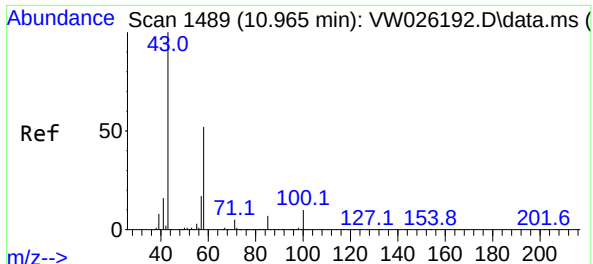


#46
Tetrachloroethene
Concen: 23.196 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 164 Resp: 173828

Ion	Ratio	Lower	Upper
164	100		
129	106.5	68.5	127.1
131	97.3	67.1	124.7
166	117.8	94.1	174.8





#48

2-Hexanone

Concen: 45.156 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW026192.D

Acq: 15 Jun 2023 10:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025519

Tgt Ion: 43 Resp: 210370

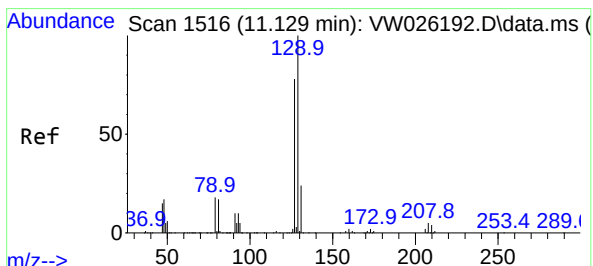
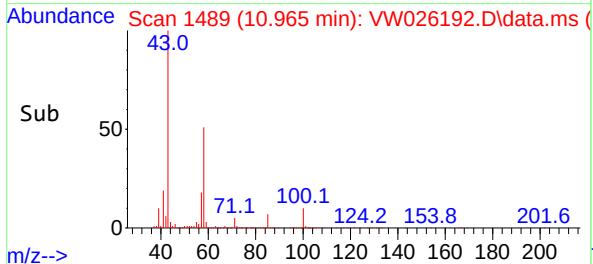
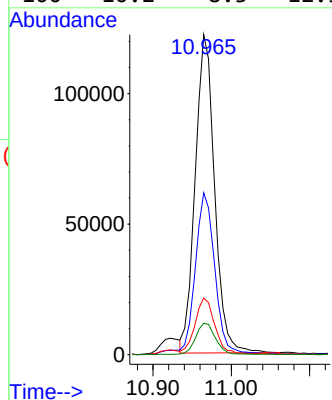
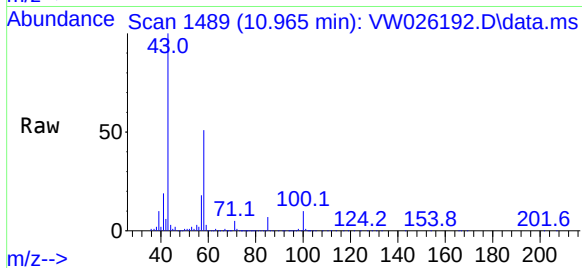
Ion Ratio Lower Upper

43 100

58 49.9 42.2 63.2

57 17.8 14.2 21.2

100 10.2 8.3 12.5



#49

Dibromochloromethane

Concen: 22.645 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW026192.D

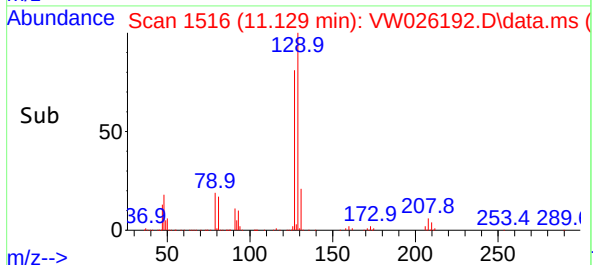
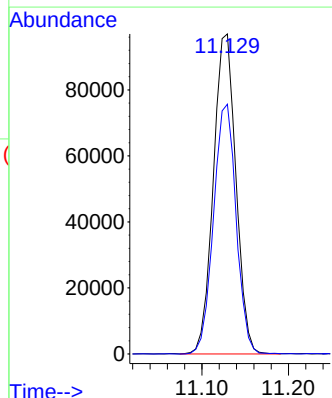
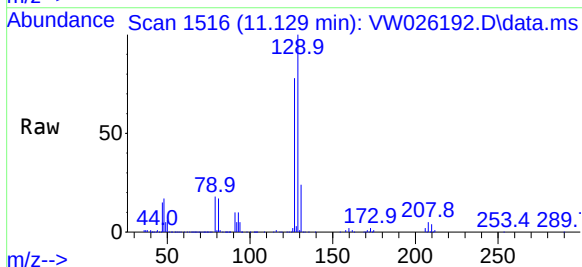
Acq: 15 Jun 2023 10:03

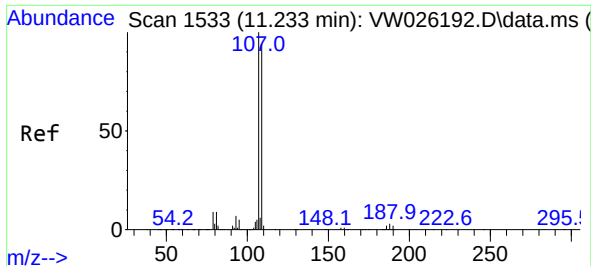
Tgt Ion: 129 Resp: 175363

Ion Ratio Lower Upper

129 100

127 78.0 56.9 105.7



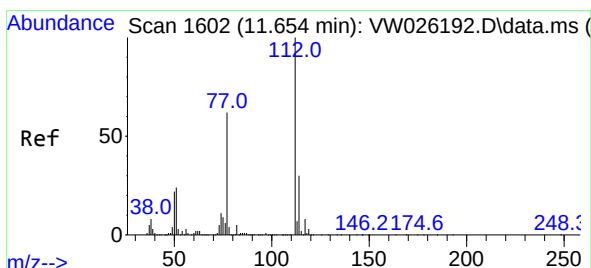
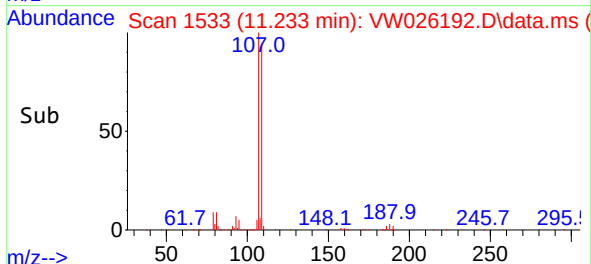
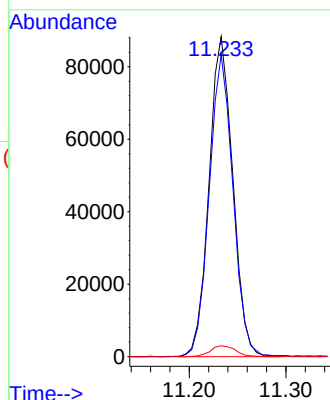
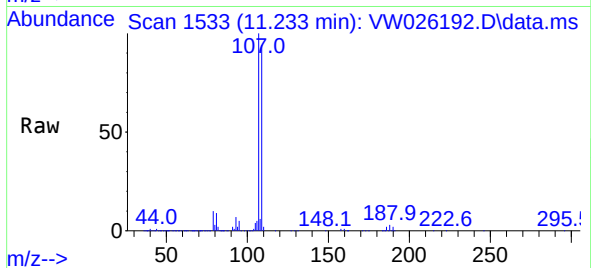


#50
1,2-Dibromoethane
Concen: 22.065 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

Tgt Ion:107 Resp: 150900

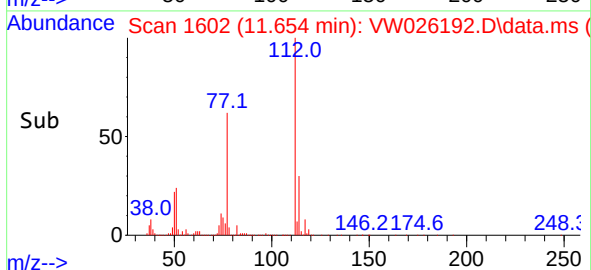
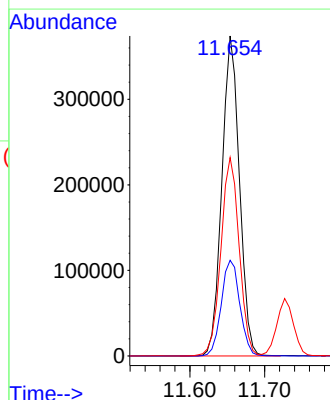
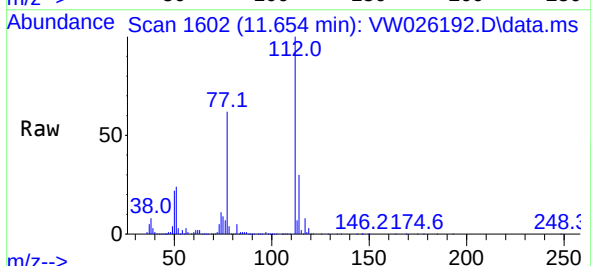
Ion	Ratio	Lower	Upper
107	100		
109	94.3	64.0	119.0
188	3.4	2.6	3.8

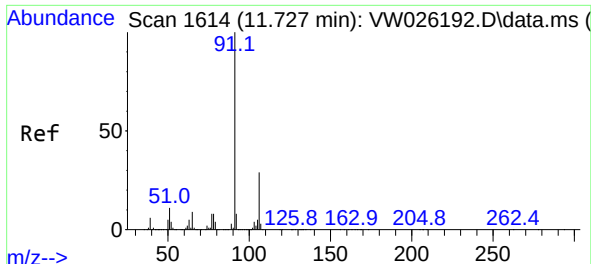


#51
Chlorobenzene
Concen: 23.062 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion:112 Resp: 611591

Ion	Ratio	Lower	Upper
112	100		
114	29.9	23.0	42.6
77	62.0	50.9	76.3

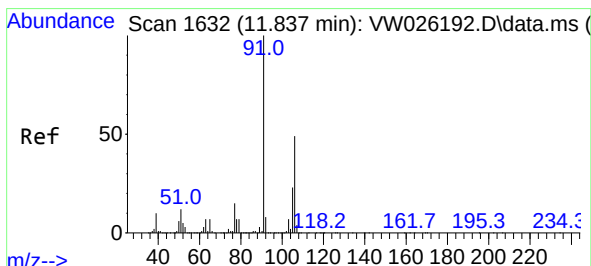
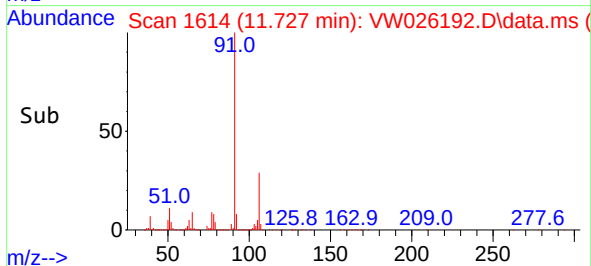
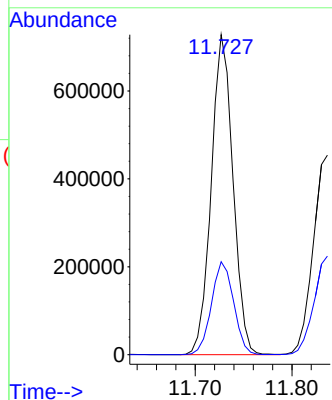
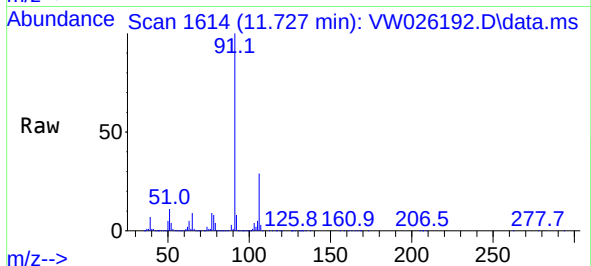




#52
Ethylbenzene
Concen: 23.800 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

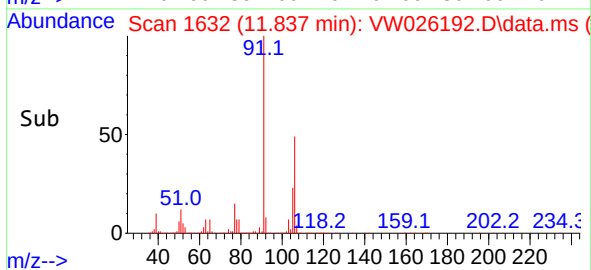
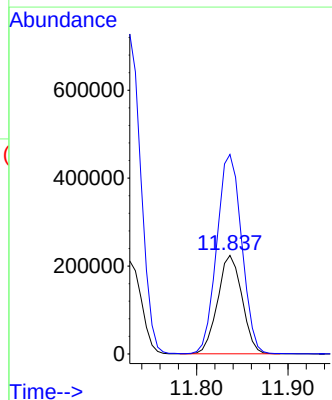
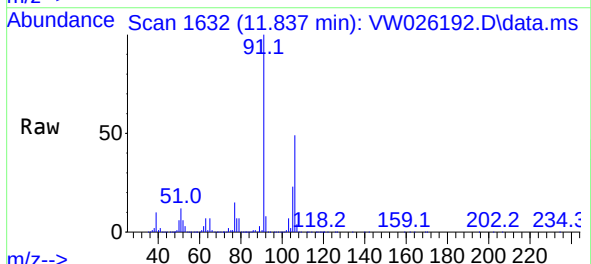
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

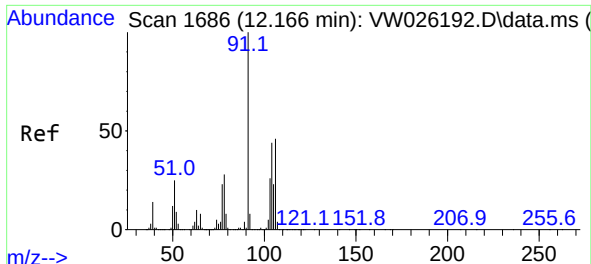
Tgt Ion: 91 Resp: 1136211
Ion Ratio Lower Upper
91 100
106 29.0 21.2 39.4



#53
m,p-Xylene
Concen: 23.446 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion:106 Resp: 416396
Ion Ratio Lower Upper
106 100
91 202.3 149.5 277.7

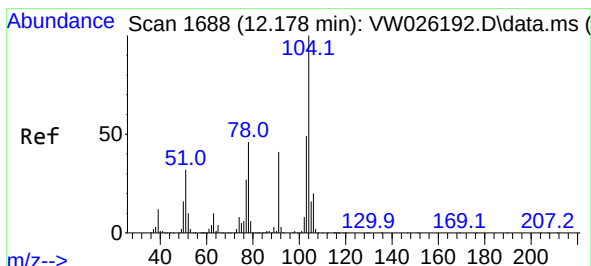
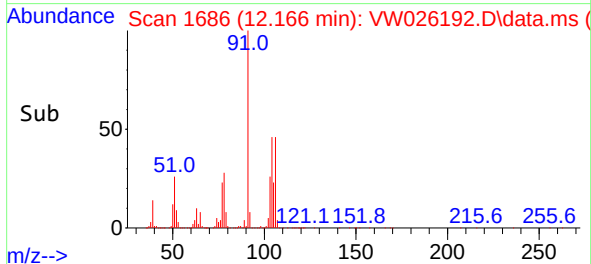
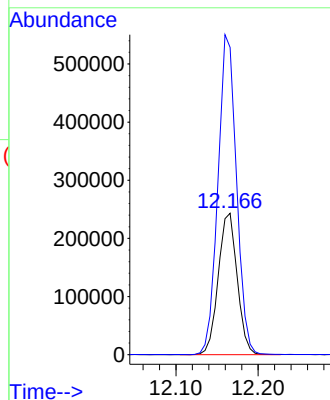
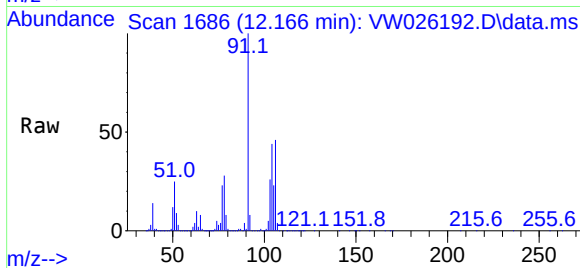




#54
o-Xylene
Concen: 23.245 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

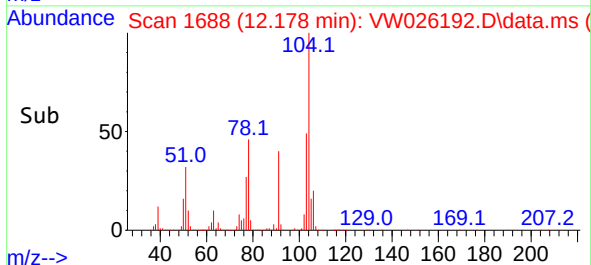
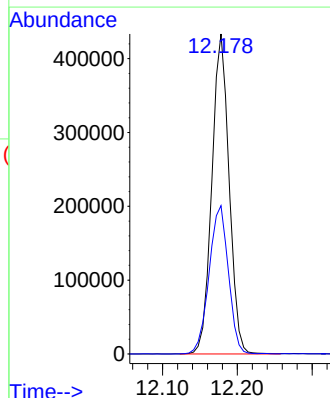
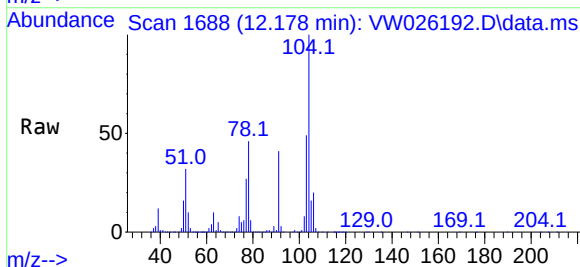
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

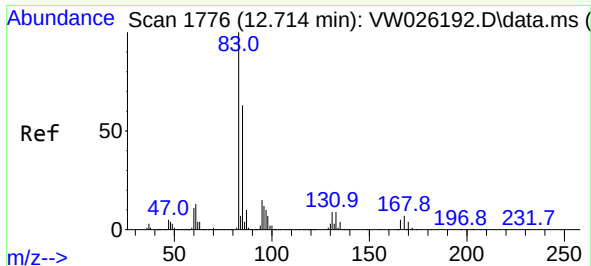
Tgt Ion:106 Resp: 389649
Ion Ratio Lower Upper
106 100
91 217.2 150.9 280.3



#55
Styrene
Concen: 24.198 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion:104 Resp: 695879
Ion Ratio Lower Upper
104 100
78 46.4 32.6 60.6

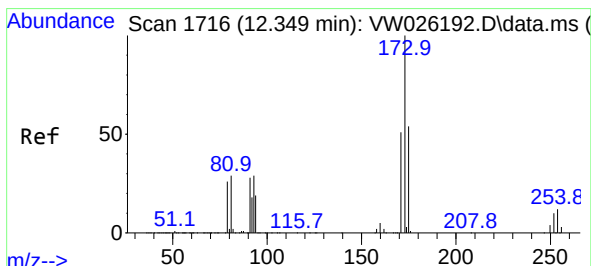
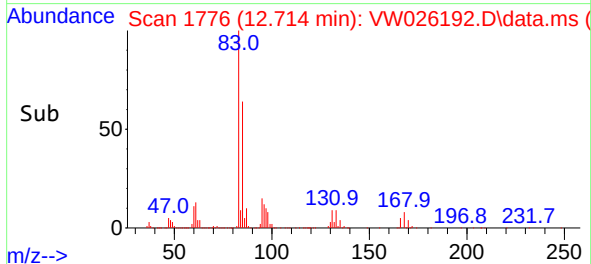
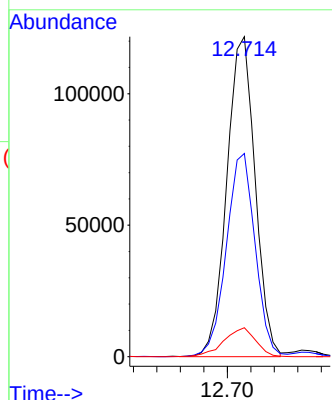
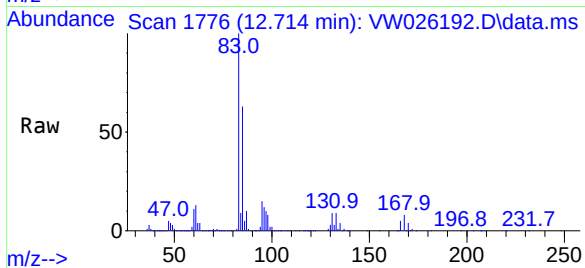




#57
1,1,2,2-Tetrachloroethane
Concen: 22.758 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

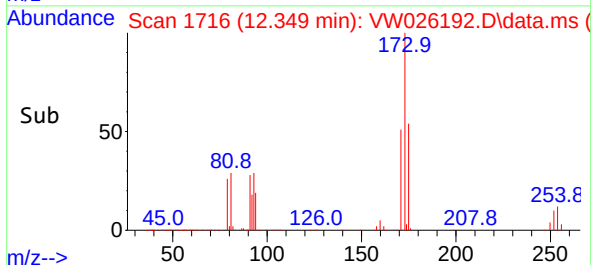
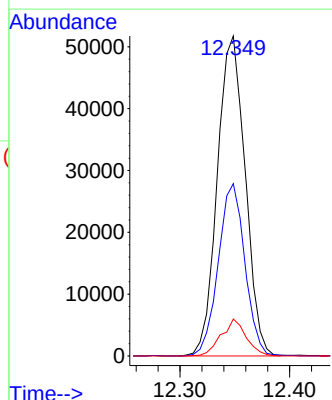
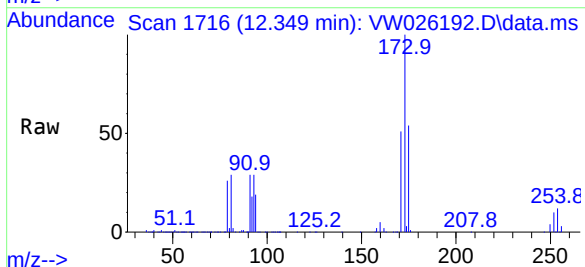
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

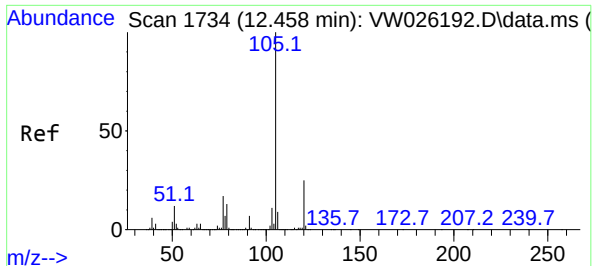
Tgt Ion: 83 Resp: 203430
Ion Ratio Lower Upper
83 100
85 63.5 42.6 79.0
131 9.0 7.2 10.8



#59
Bromoform
Concen: 20.190 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 173 Resp: 91406
Ion Ratio Lower Upper
173 100
175 51.5 38.6 57.8
254 10.3 7.4 11.0



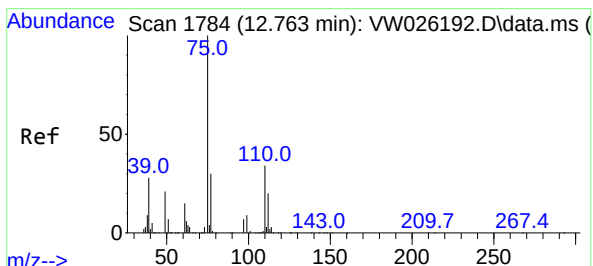
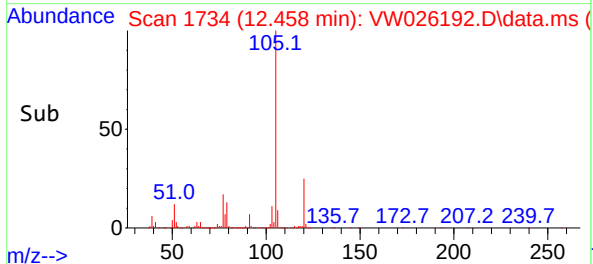
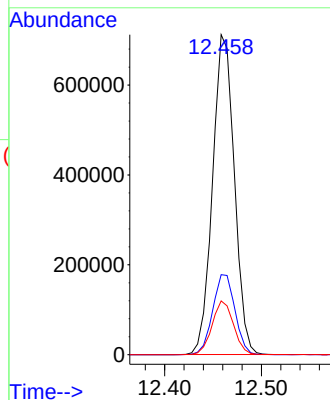
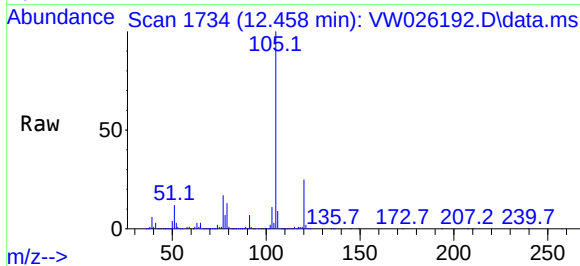


#60
Isopropylbenzene
Concen: 23.518 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

Tgt Ion:105 Resp: 1113651

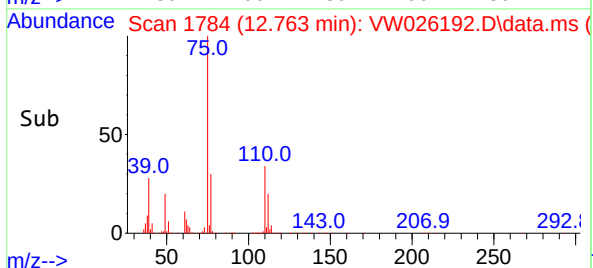
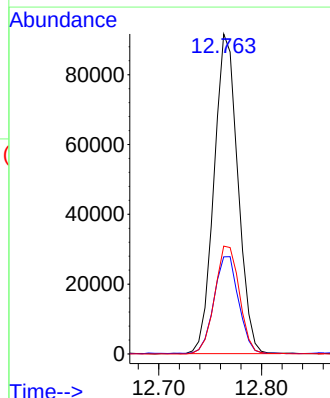
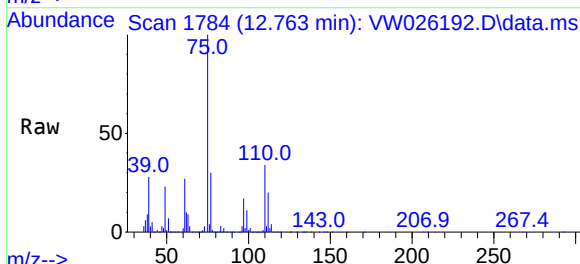
Ion	Ratio	Lower	Upper
105	100		
120	25.6	19.8	29.8
77	16.5	13.3	19.9

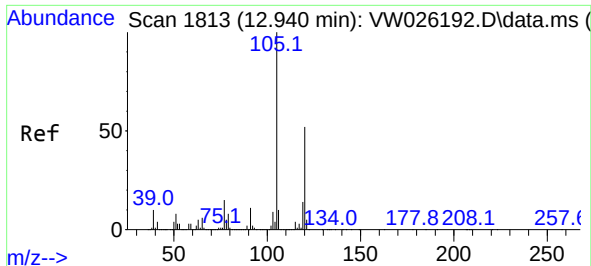


#61
1,2,3-Trichloropropane
Concen: 21.804 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 75 Resp: 147218

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.2	37.8
110	34.9	28.7	43.1

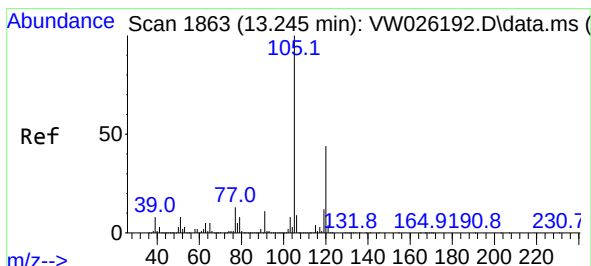
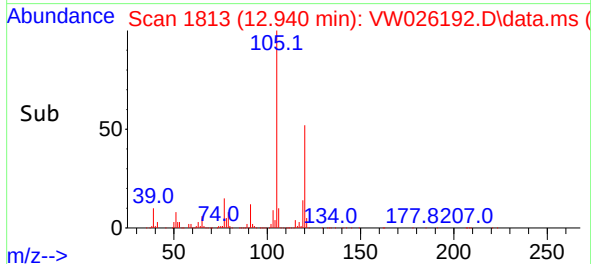
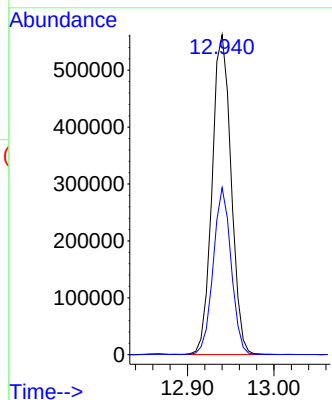
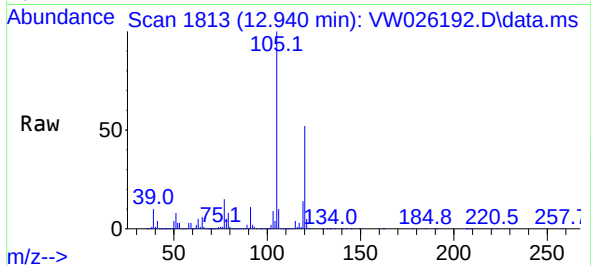




#62
1,3,5-Trimethylbenzene
Concen: 22.777 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

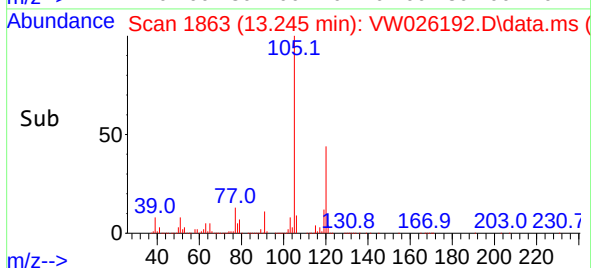
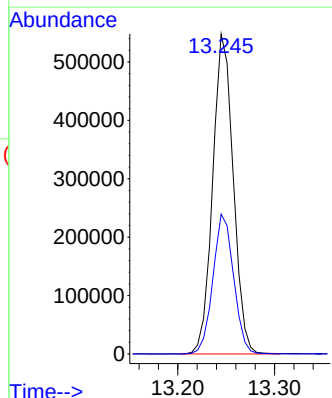
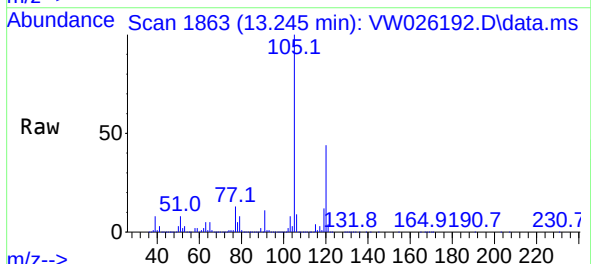
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

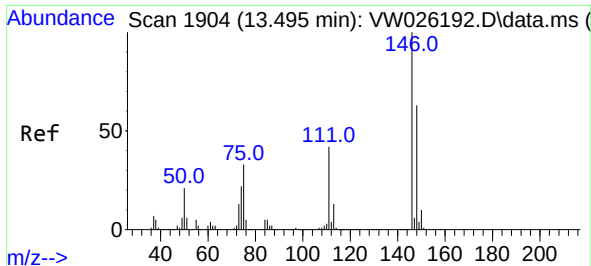
Tgt Ion:105 Resp: 857394
Ion Ratio Lower Upper
105 100
120 49.3 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 23.438 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion:105 Resp: 808057
Ion Ratio Lower Upper
105 100
120 44.0 36.2 54.2

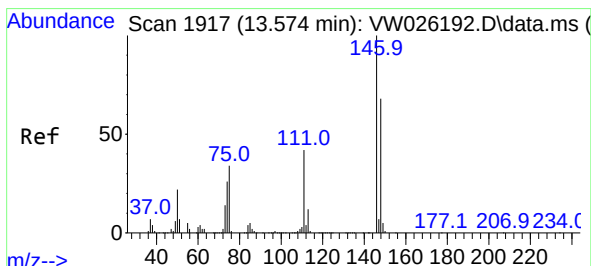
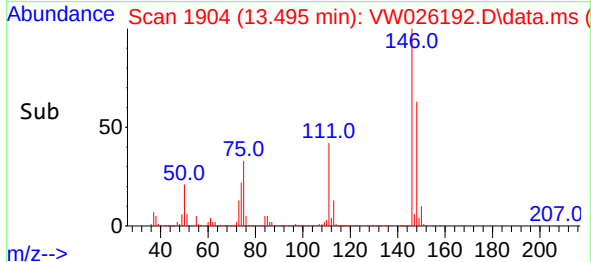
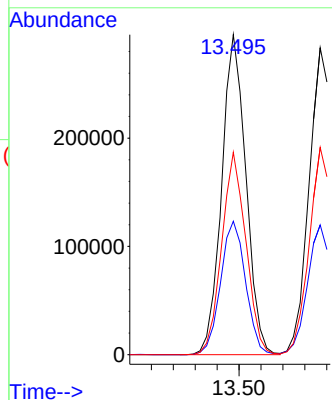
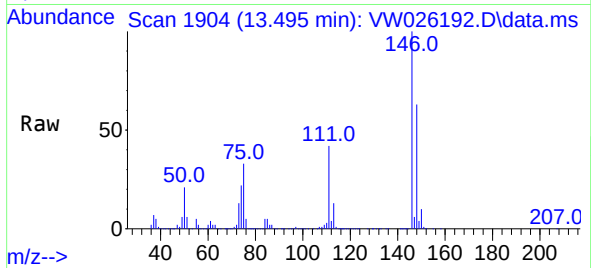




#64
1,3-Dichlorobenzene
Concen: 22.814 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

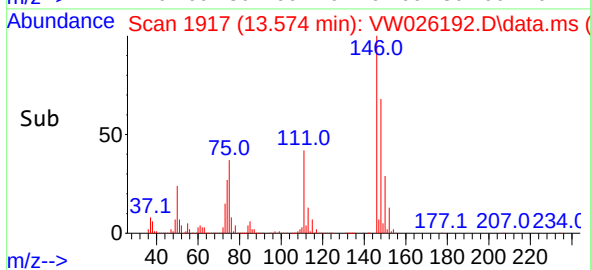
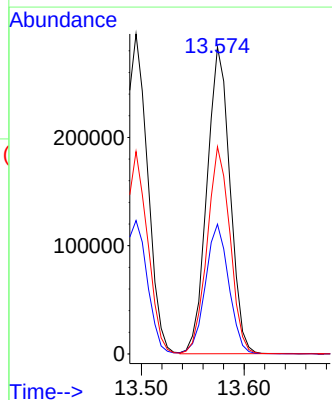
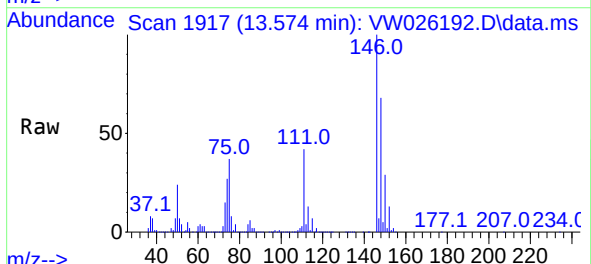
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

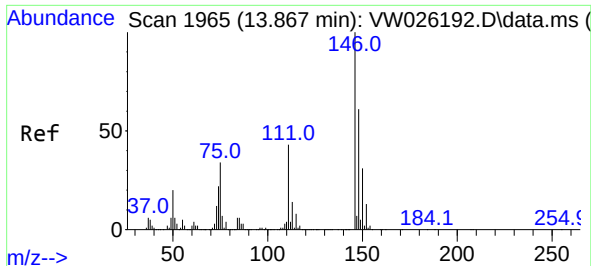
Tgt Ion:146 Resp: 454216
Ion Ratio Lower Upper
146 100
111 41.7 29.7 55.1
148 63.3 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 21.990 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion:146 Resp: 440788
Ion Ratio Lower Upper
146 100
111 42.3 29.2 54.2
148 67.5 42.8 79.6

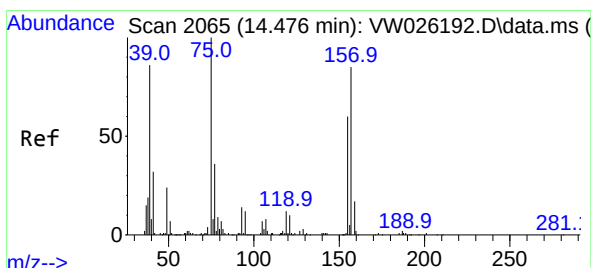
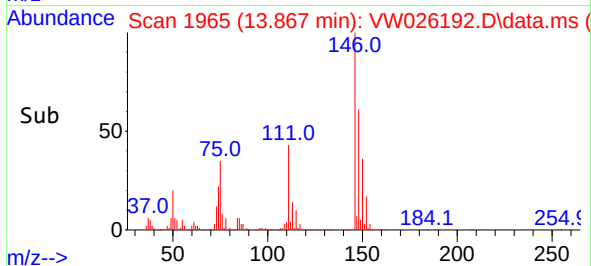
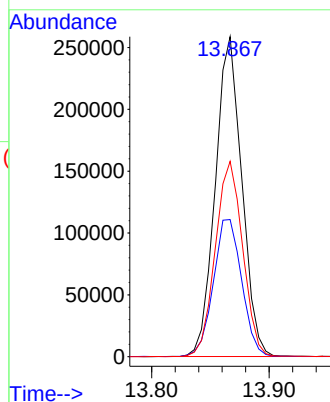
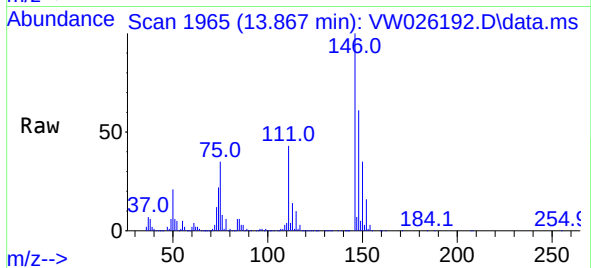




#67
1,2-Dichlorobenzene
Concen: 22.644 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

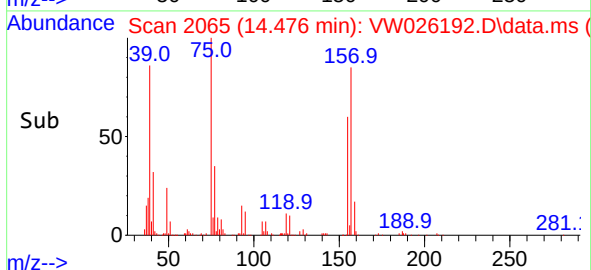
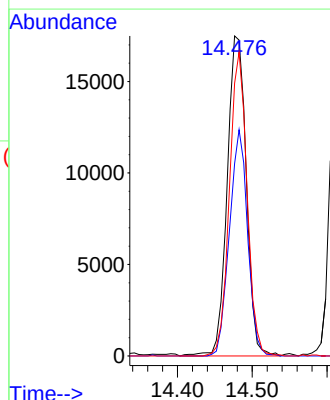
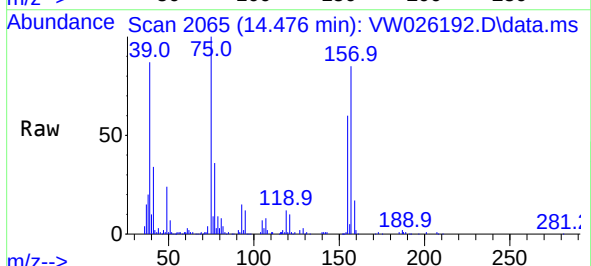
Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

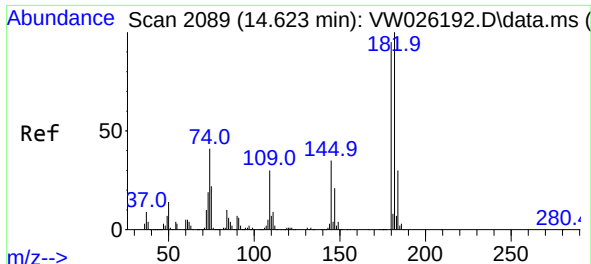
Tgt Ion:146 Resp: 404849
Ion Ratio Lower Upper
146 100
111 42.9 35.4 53.0
148 61.1 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 19.887 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion: 75 Resp: 31110
Ion Ratio Lower Upper
75 100
155 60.1 59.0 88.6
157 85.2 71.7 107.5



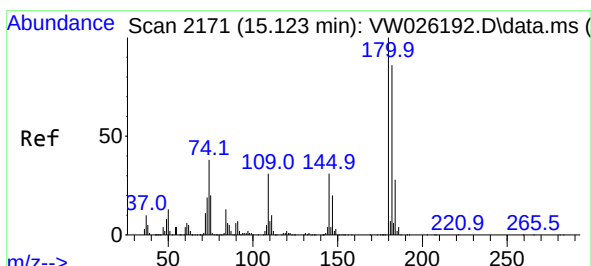
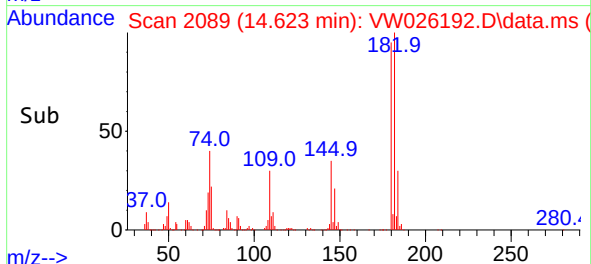
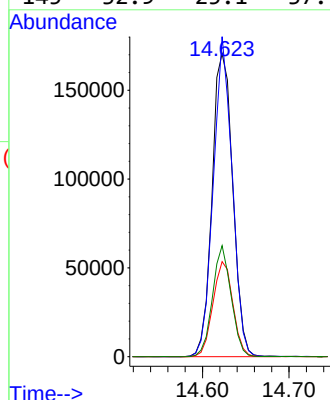
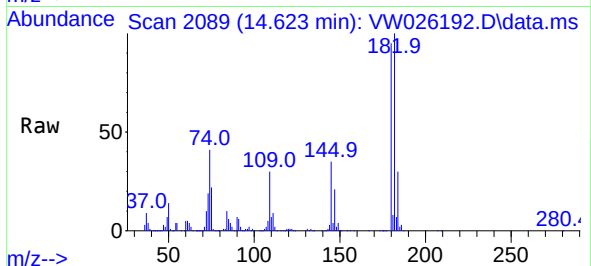


#69
1,3,5-Trichlorobenzene
Concen: 20.701 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

Tgt Ion:180 Resp: 283120

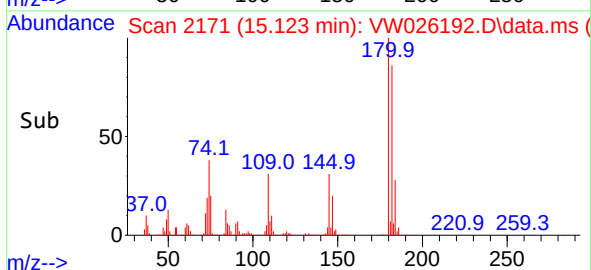
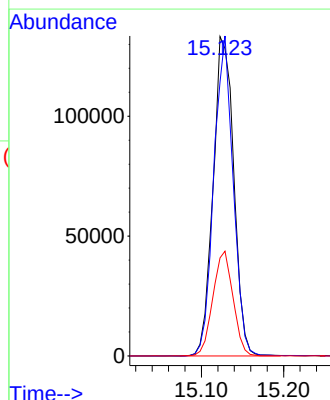
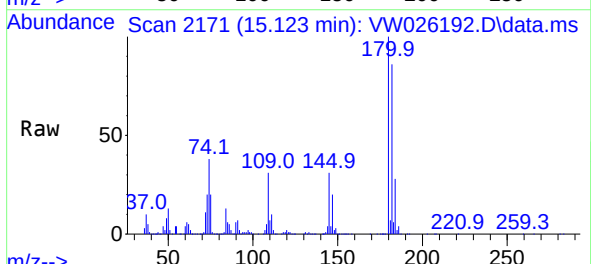
Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.4
184	30.3	23.7	35.5
145	32.9	25.1	37.7

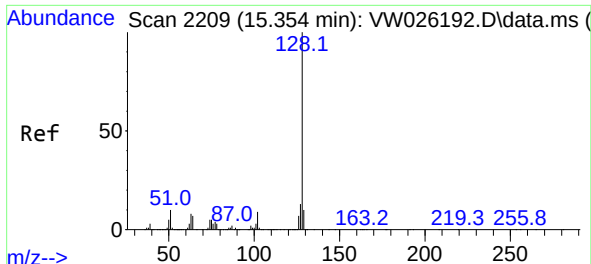


#70
1,2,4-trichlorobenzene
Concen: 20.596 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion:180 Resp: 232434

Ion	Ratio	Lower	Upper
180	100		
182	93.5	78.9	118.3
145	32.1	27.2	40.8

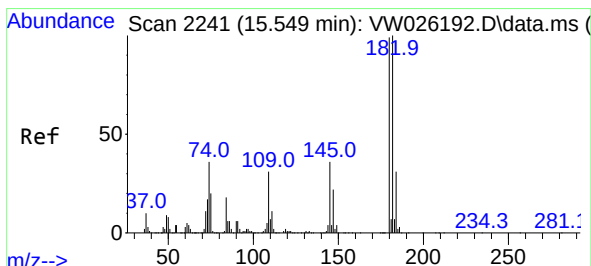
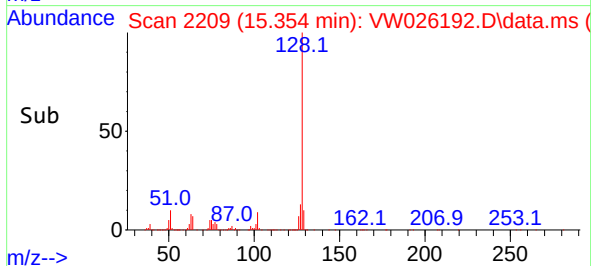
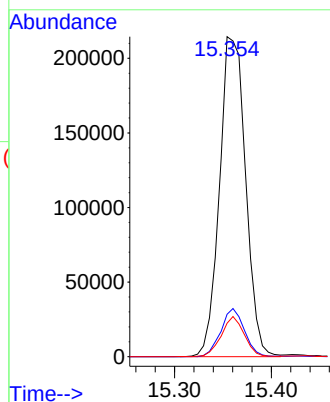
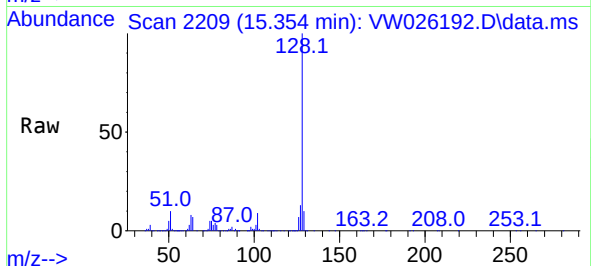




#71
Naphthalene
Concen: 19.962 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

Tgt Ion:128 Resp: 401502
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 20.510 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026192.D
Acq: 15 Jun 2023 10:03

Tgt Ion:180 Resp: 202282
Ion Ratio Lower Upper
180 100
182 97.1 76.3 114.5
145 35.5 27.0 40.6

