

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026215.D
 Acq On : 16 Jun 2023 08:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: Jun 16 23:56:21 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	8.837	114	680443	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	612612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	310667	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	205081	21.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
7) Chloroethane-d5	2.899	69	186296	25.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	4.021	65	108160	22.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.640%
21) 2-Butanone-d5	7.075	46	153123	54.945	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.880%
24) Chloroform-d	7.648	84	481698	24.174	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	8.307	65	256219	23.515	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.080%
32) Benzene-d6	8.270	84	946348	22.957	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	9.270	67	303664	23.252	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	10.319	98	810079	22.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	10.575	79	110552	21.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.440%
47) 2-Hexanone-d5	10.922	63	103642	50.331	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	239301	25.181	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	255024	21.447	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	212270	25.448	ug/L	93
3) Chloromethane	2.223	50	268511	25.105	ug/L	98
5) Vinyl chloride	2.375	62	302846	26.490	ug/L	98
6) Bromomethane	2.790	94	160780	25.797	ug/L	99
8) Chloroethane	2.936	64	176803	28.618	ug/L	99
9) Trichlorofluoromethane	3.265	101	211520	28.758	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	242072	26.083	ug/L	99
12) 1,1-Dichloroethene	4.045	96	220765	25.482	ug/L	79
13) Acetone	4.119	43	140198	65.015	ug/L	97
14) Carbon disulfide	4.387	76	700902	22.918	ug/L	100
15) Methyl Acetate	4.673	43	117372	24.252	ug/L	100
16) Methylene chloride	4.917	84	236211	21.750	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	234020	24.076	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	351903	22.971	ug/L	99
19) 1,1-Dichloroethane	6.216	63	493122	24.919	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	254451	24.713	ug/L	97
22) 2-Butanone	7.167	43	176146	57.263	ug/L	96
23) Bromochloromethane	7.514	128	103207	23.504	ug/L	97
25) Chloroform	7.673	83	456592	24.773	ug/L	99

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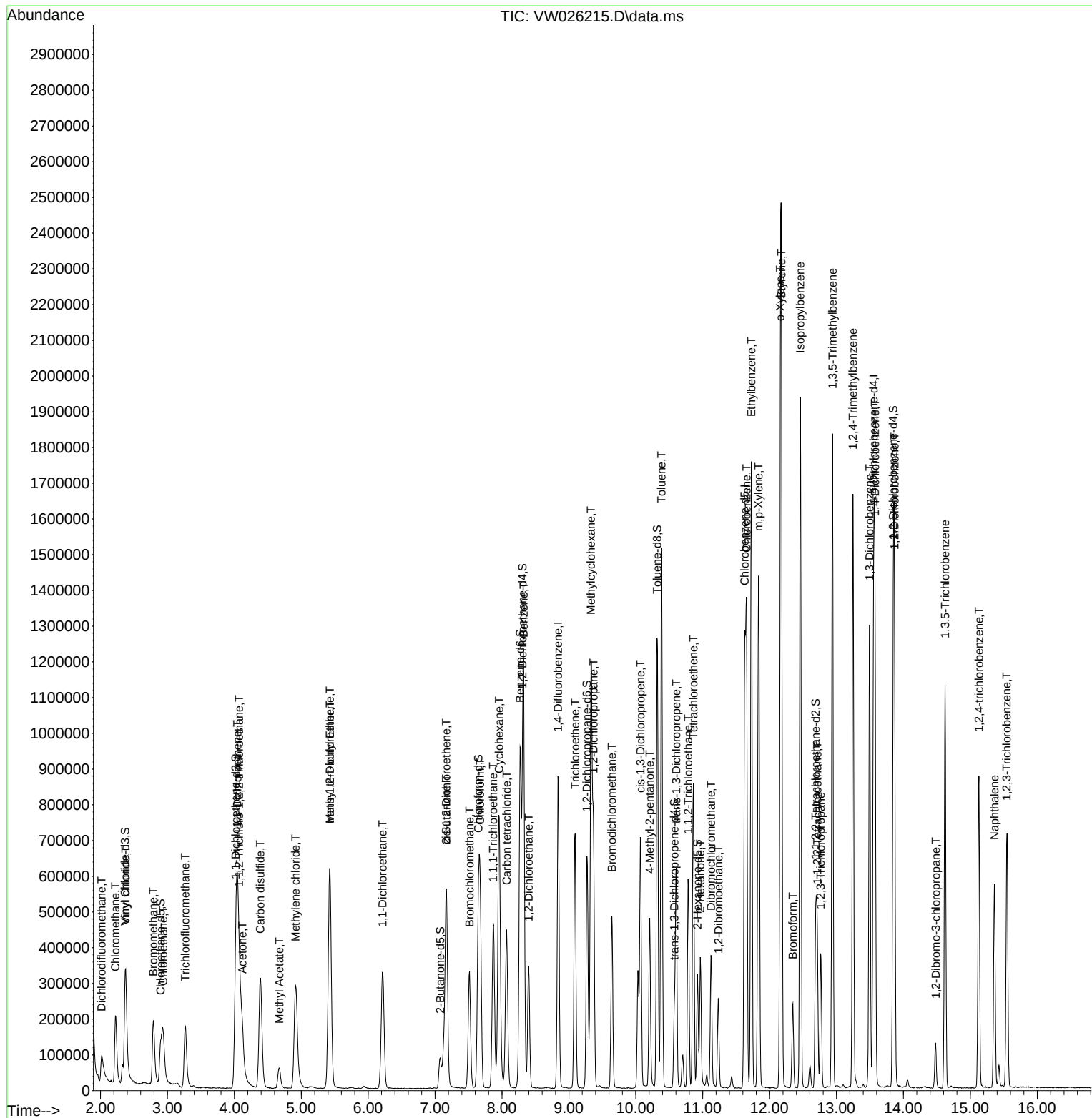
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	310328	24.412	ug/L	98
29) Cyclohexane	7.959	56	453311	23.968	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	368001	24.754	ug/L	100
31) Carbon tetrachloride	8.069	117	330044	24.328	ug/L	99
33) Benzene	8.325	78	1017270	24.240	ug/L	100
34) Trichloroethene	9.093	95	253379	23.579	ug/L	98
35) Methylcyclohexane	9.331	83	458101	24.092	ug/L	99
37) 1,2-Dichloropropane	9.368	63	278147	24.470	ug/L	100
38) Bromodichloromethane	9.642	83	320102	24.240	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	400642	23.985	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	330076	49.255	ug/L	99
42) Toluene	10.386	91	1046724	24.386	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	331549	23.825	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	177262	23.662	ug/L	100
46) Tetrachloroethene	10.861	164	179763	23.651	ug/L	98
48) 2-Hexanone	10.965	43	239184	50.619	ug/L	99
49) Dibromochloromethane	11.123	129	191389	24.367	ug/L	88
50) 1,2-Dibromoethane	11.233	107	162378	23.410	ug/L	96
51) Chlorobenzene	11.654	112	638583	23.741	ug/L	99
52) Ethylbenzene	11.727	91	1201290	24.810	ug/L	98
53) m,p-Xylene	11.837	106	438118	24.322	ug/L	96
54) o-Xylene	12.160	106	411005	24.175	ug/L	93
55) Styrene	12.178	104	725581	24.877	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	215062	23.722	ug/L	97
59) Bromoform	12.349	173	100325	21.501	ug/L	97
60) Isopropylbenzene	12.459	105	1167258	23.917	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	156085	22.430	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	919829	23.709	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	850540	23.936	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	479459	23.365	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	472542	22.873	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	413914	22.463	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	34014	21.097	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	320835	22.761	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	259944	22.349	ug/L	94
71) Naphthalene	15.360	128	448877	21.654	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	228572	22.486	ug/L	97

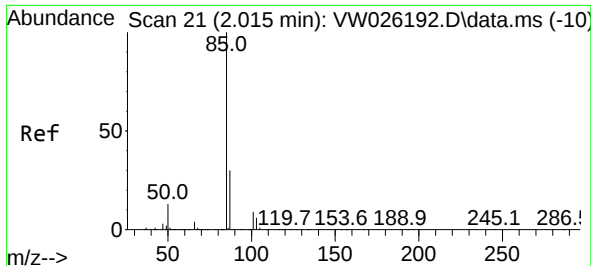
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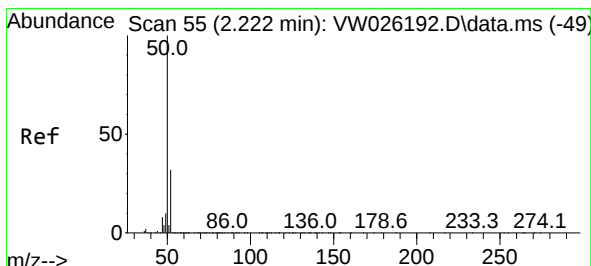
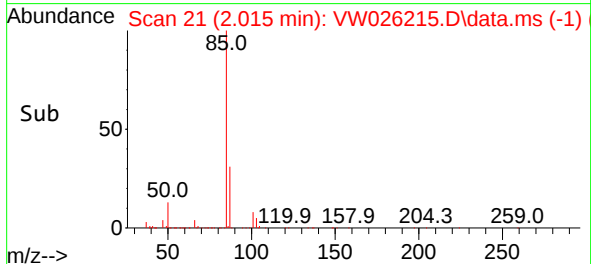
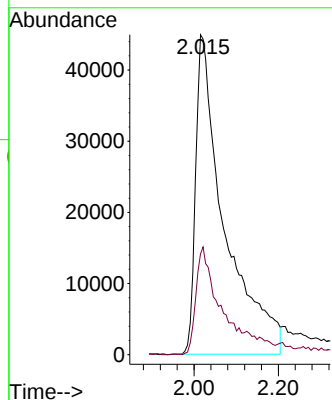
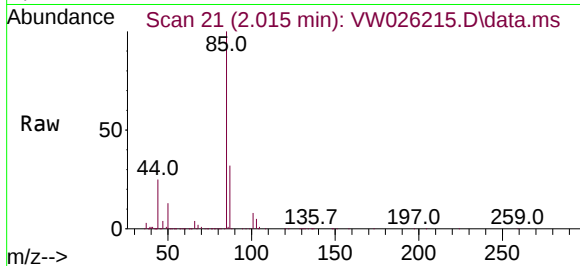




#2
Dichlorodifluoromethane
Concen: 25.448 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

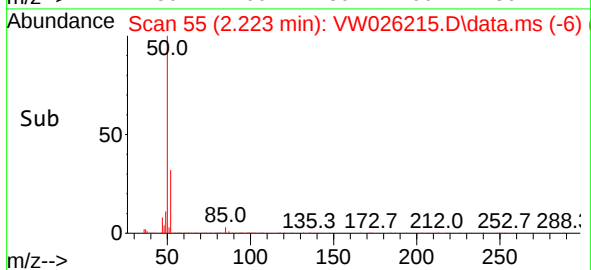
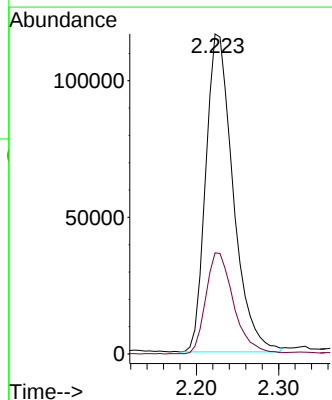
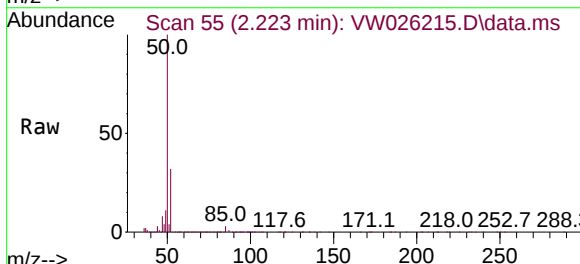
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MSVOA_W
ClientSampleId :
VSTD025521

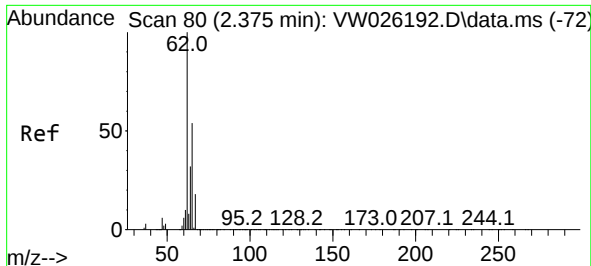
Tgt Ion: 85 Resp: 212270
Ion Ratio Lower Upper
85 100
87 24.2 22.2 33.2



#3
Chloromethane
Concen: 25.105 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion: 50 Resp: 268511
Ion Ratio Lower Upper
50 100
52 31.6 21.3 39.6

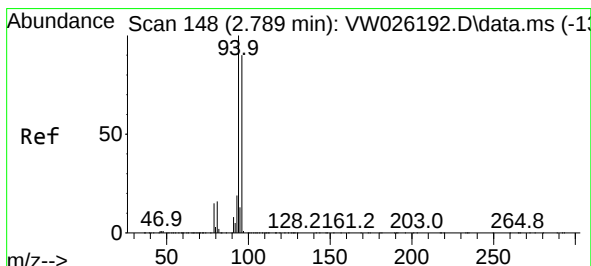
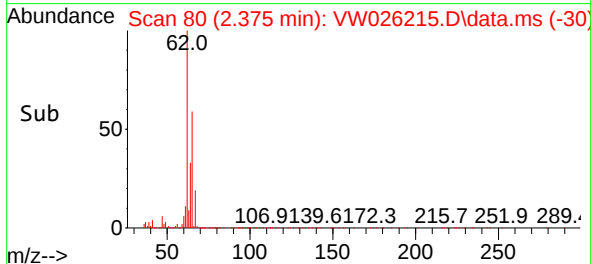
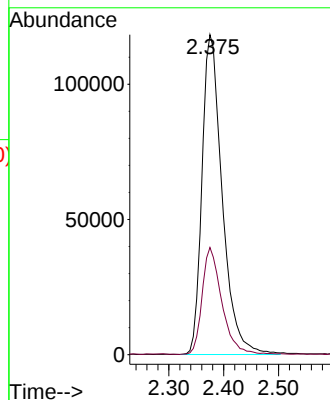
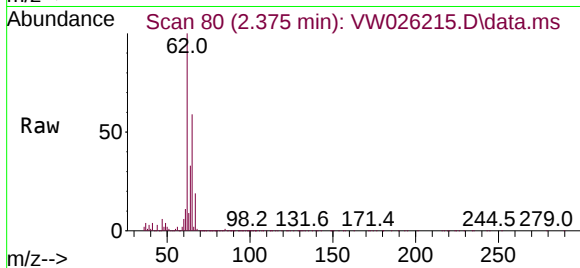




#5
 Vinyl chloride
 Concen: 26.490 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW026215.D
 Acq: 16 Jun 2023 08:49

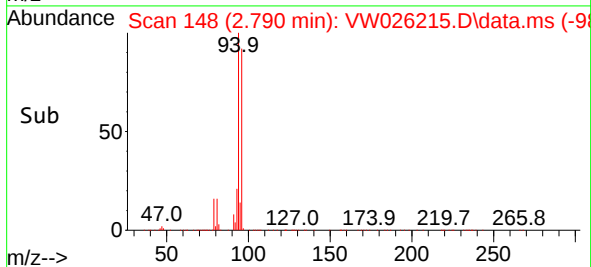
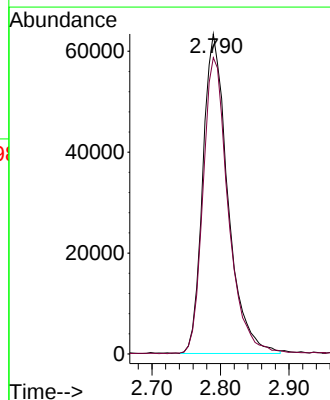
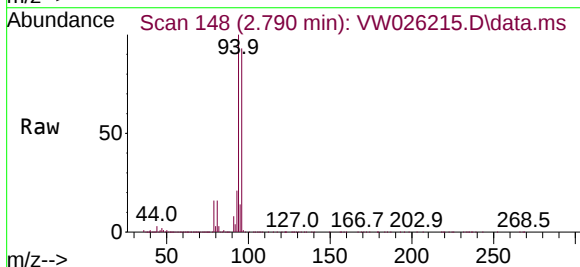
Instrument :
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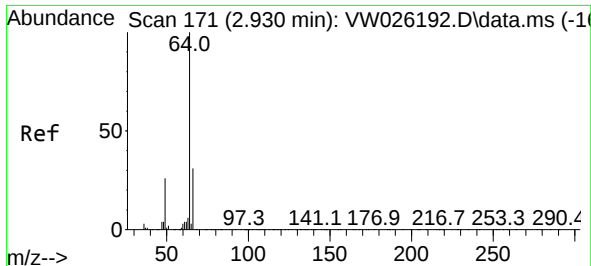
Tgt Ion: 62 Resp: 302846
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.7 42.1



#6
 Bromomethane
 Concen: 25.797 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026215.D
 Acq: 16 Jun 2023 08:49

Tgt Ion: 94 Resp: 160780
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.2 119.2

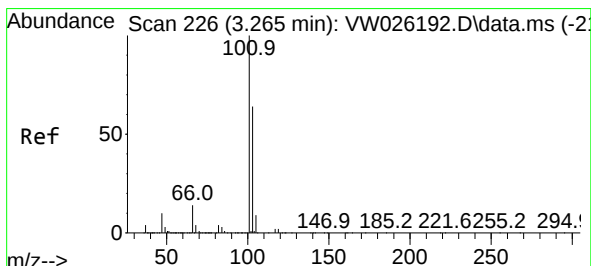
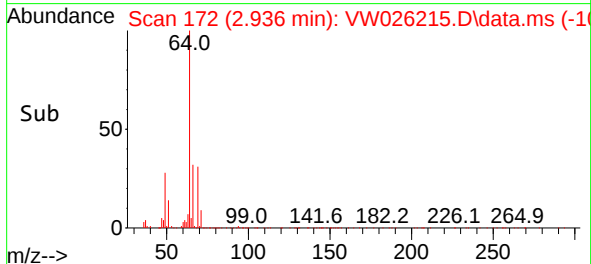
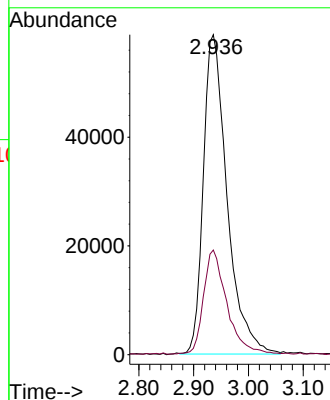
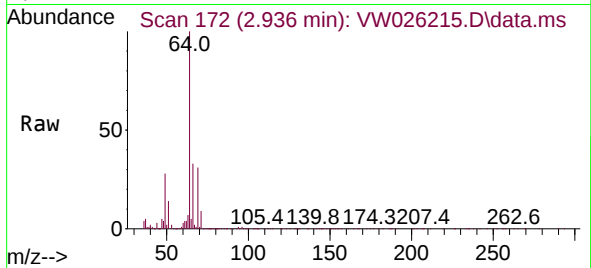




#8
Chloroethane
Concen: 28.618 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

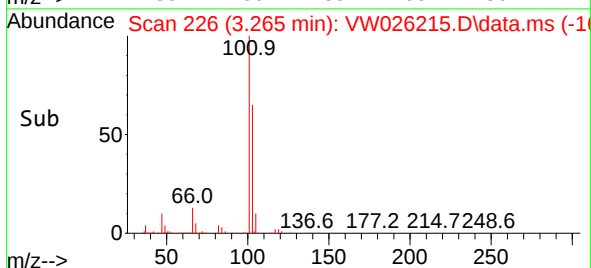
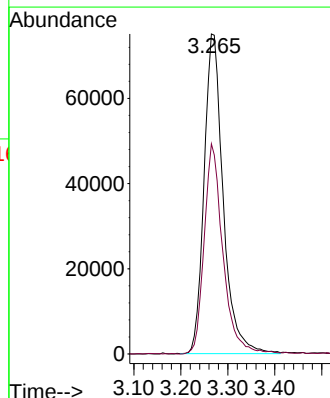
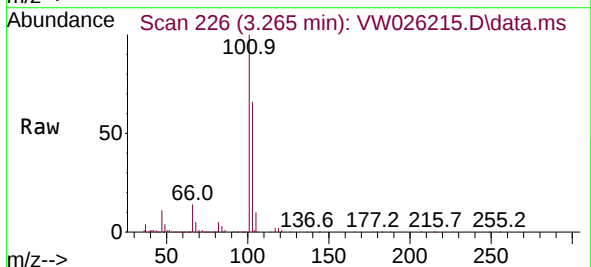
Instrument :
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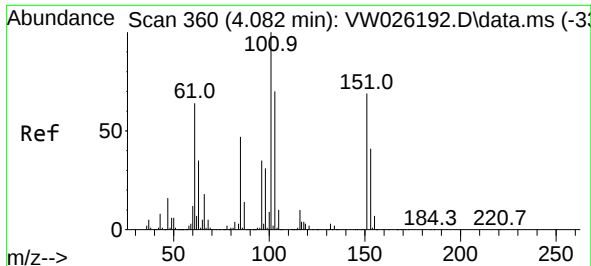
Tgt Ion: 64 Resp: 176803
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 28.758 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion: 101 Resp: 211520
Ion Ratio Lower Upper
101 100
103 63.8 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 26.083 ug/L

RT: 4.070 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

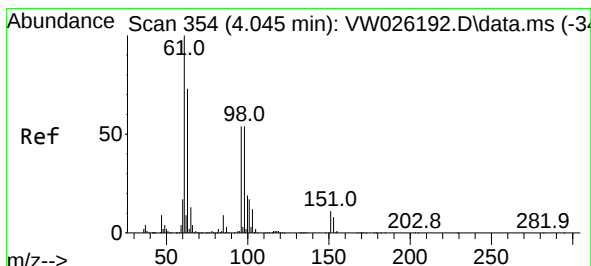
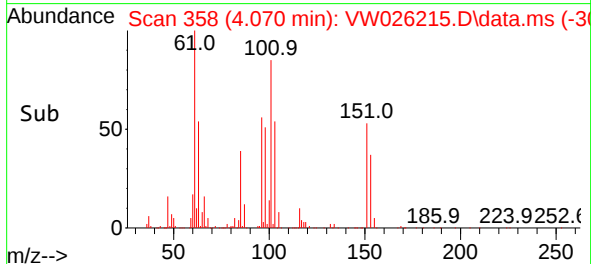
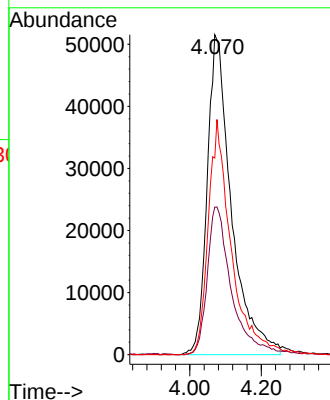
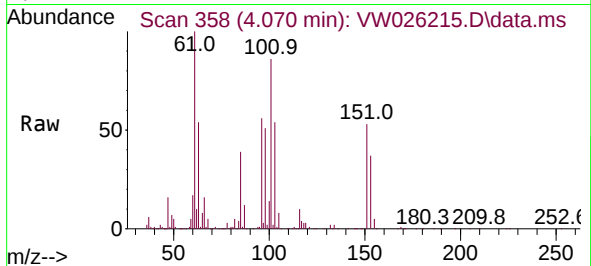
Tgt Ion:101 Resp: 242072

Ion Ratio Lower Upper

101 100

85 44.4 36.1 54.1

151 68.3 55.1 82.7



#12

1,1-Dichloroethene

Concen: 25.482 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW026215.D

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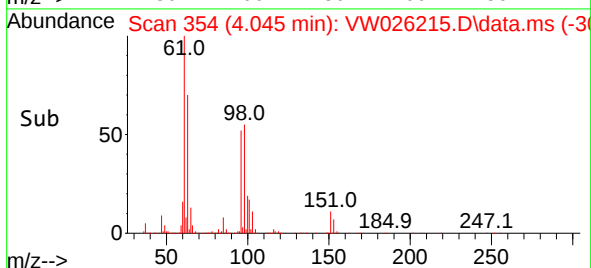
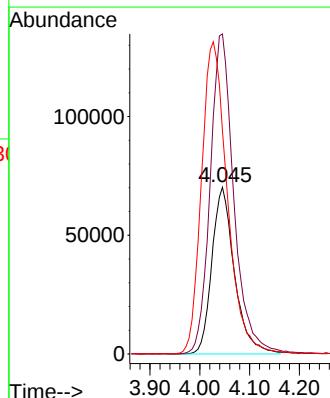
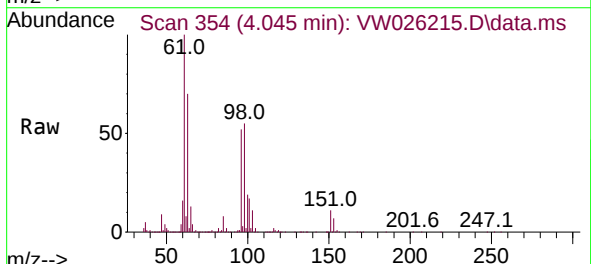
Tgt Ion: 96 Resp: 220765

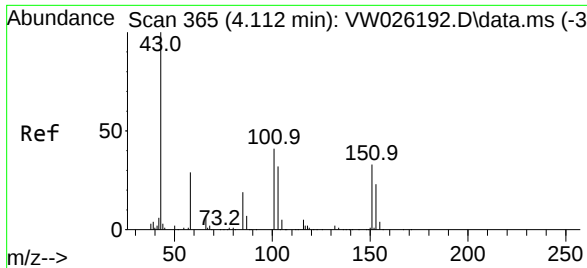
Ion Ratio Lower Upper

96 100

61 191.9 140.6 261.0

63 134.0 131.7 244.5

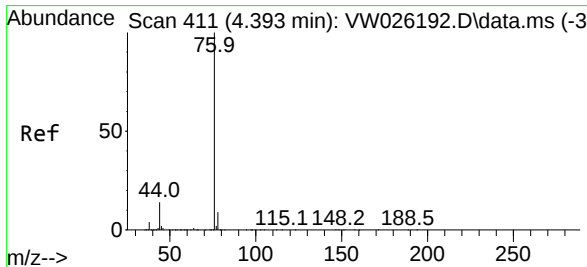
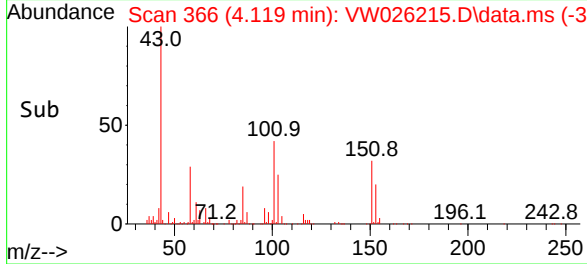
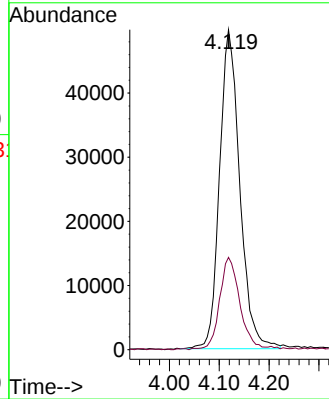
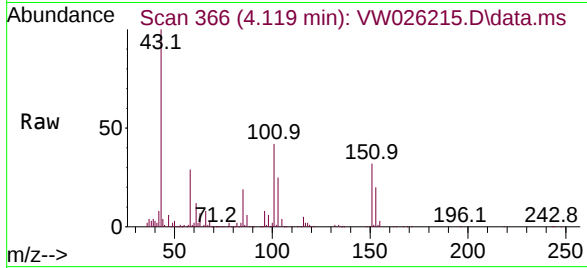




#13
Acetone
Concen: 65.015 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
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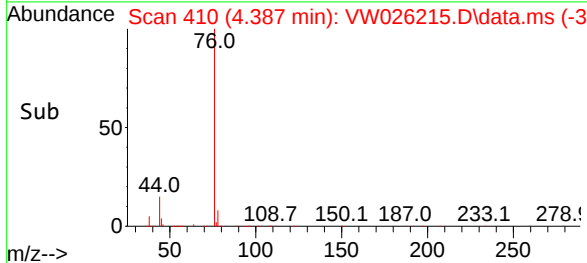
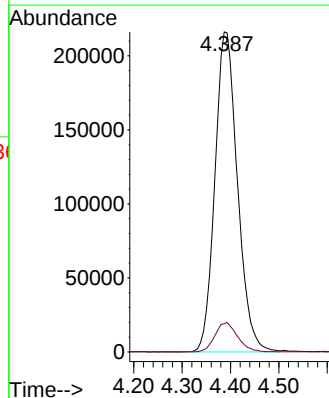
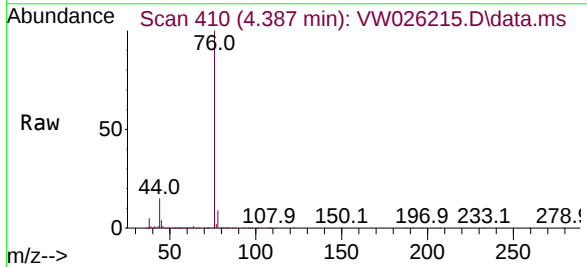
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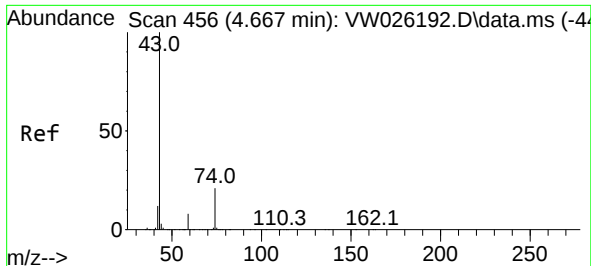
Tgt Ion: 43 Resp: 140198
Ion Ratio Lower Upper
43 100
58 27.7 0.0 58.2



#14
Carbon disulfide
Concen: 22.918 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion: 76 Resp: 700902
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

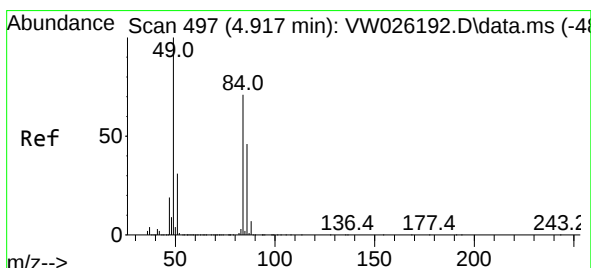
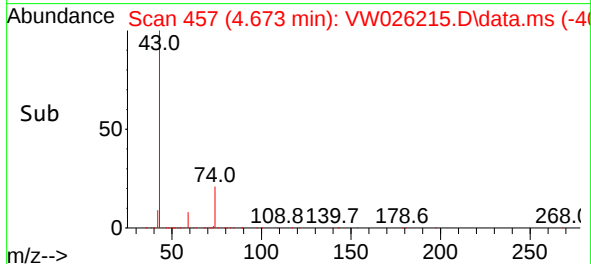
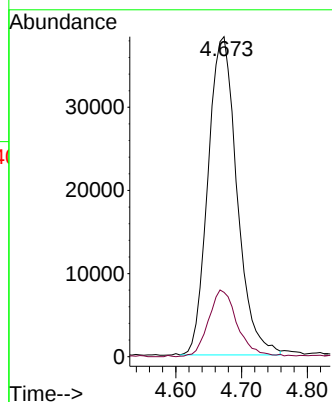
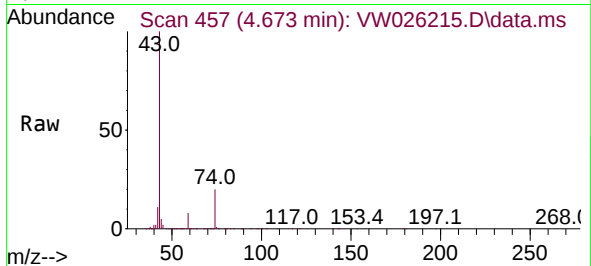




#15
Methyl Acetate
Concen: 24.252 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

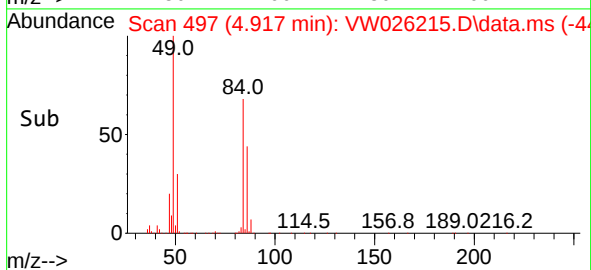
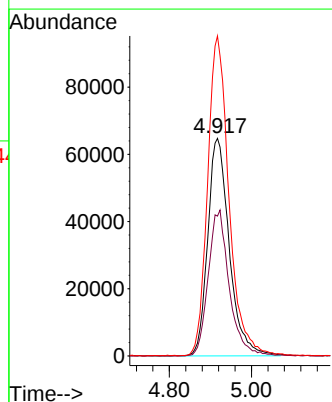
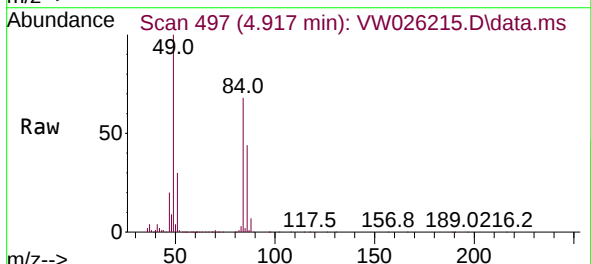
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

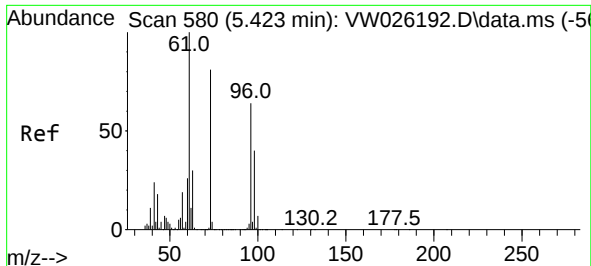
Tgt Ion: 43 Resp: 117372
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



#16
Methylene chloride
Concen: 21.750 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion: 84 Resp: 236211
Ion Ratio Lower Upper
84 100
86 64.2 44.2 82.0
49 147.0 98.8 183.6

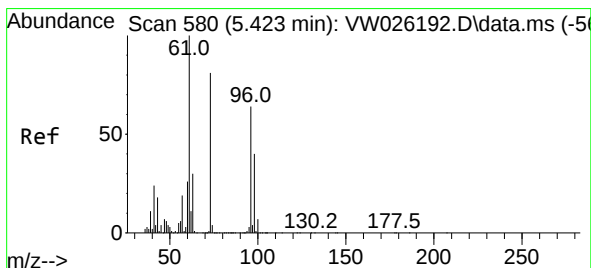
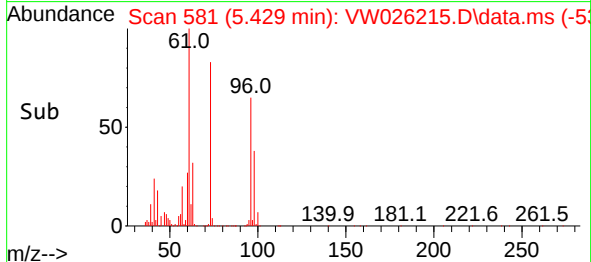
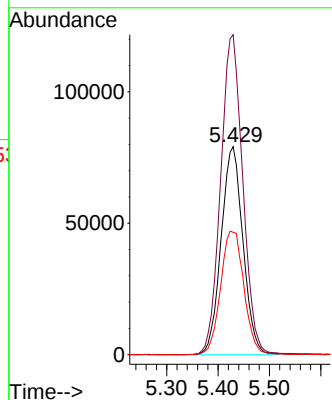
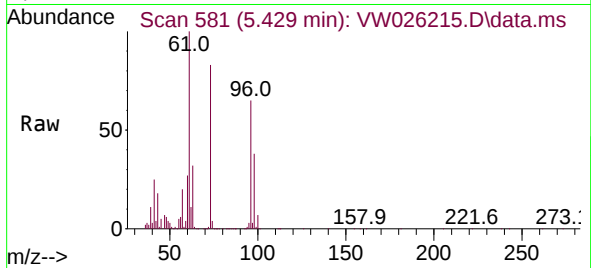




#17
trans-1,2-Dichloroethene
Concen: 24.076 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

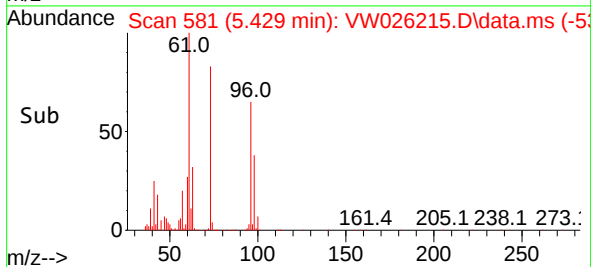
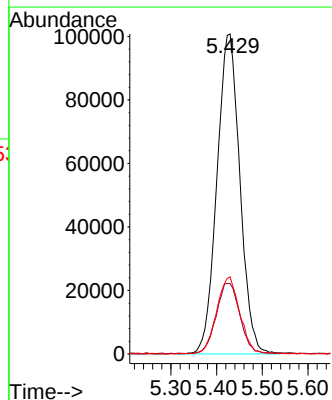
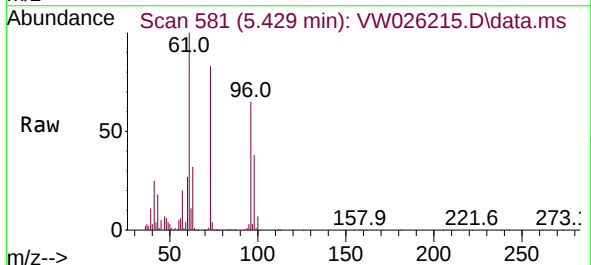
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

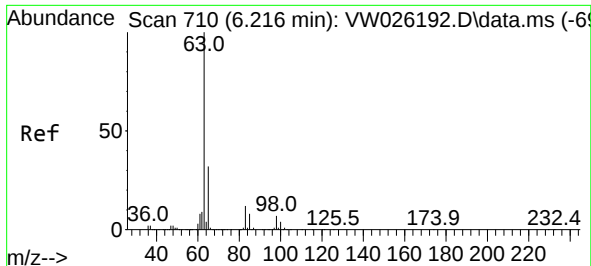
Tgt Ion: 96 Resp: 234020
Ion Ratio Lower Upper
96 100
61 153.8 113.0 209.8
98 58.9 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 22.971 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion: 73 Resp: 351903
Ion Ratio Lower Upper
73 100
43 22.5 17.8 26.6
57 23.8 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.919 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

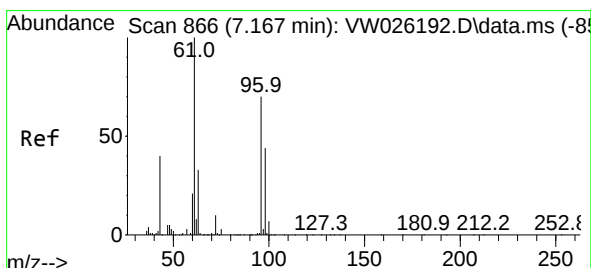
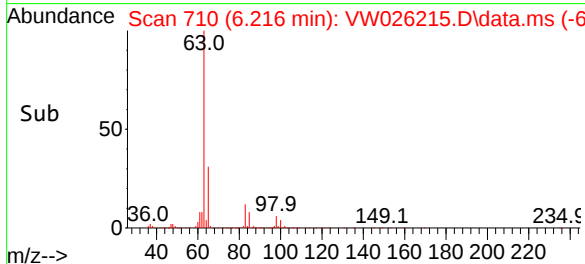
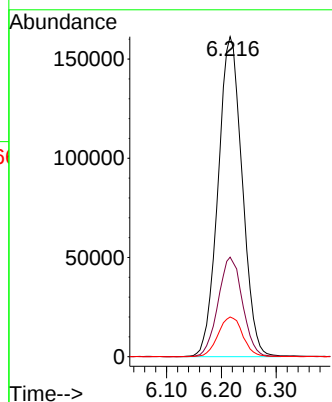
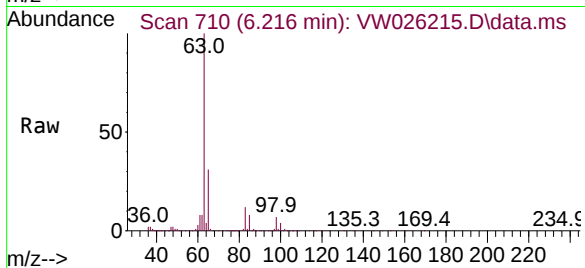
Tgt Ion: 63 Resp: 493122

Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.5

83 12.4 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 24.713 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

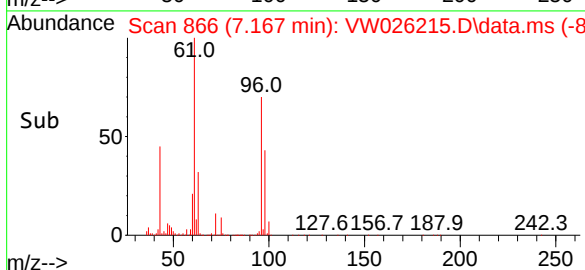
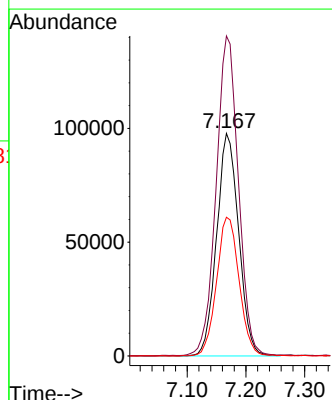
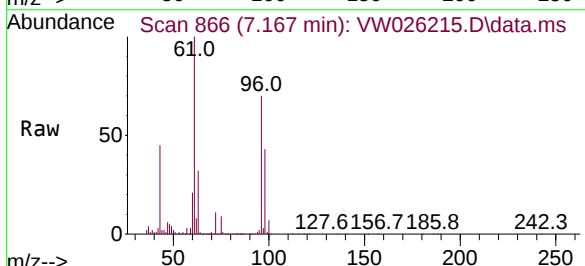
Tgt Ion: 96 Resp: 254451

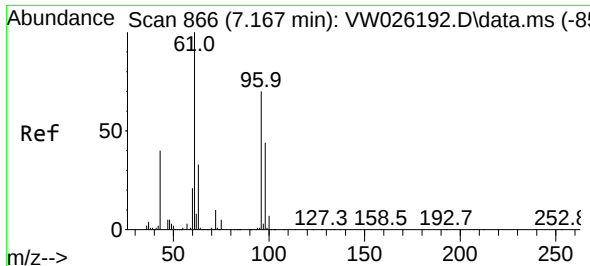
Ion Ratio Lower Upper

96 100

61 143.7 98.4 182.8

98 62.3 45.2 84.0

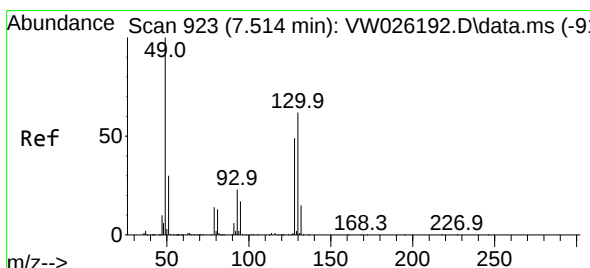
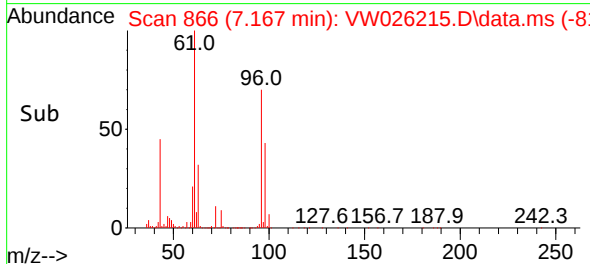
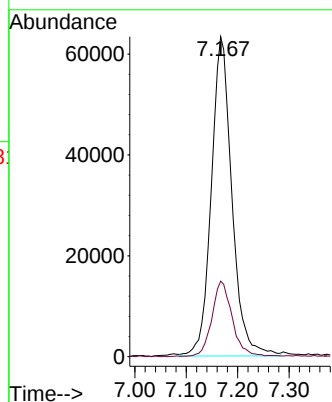
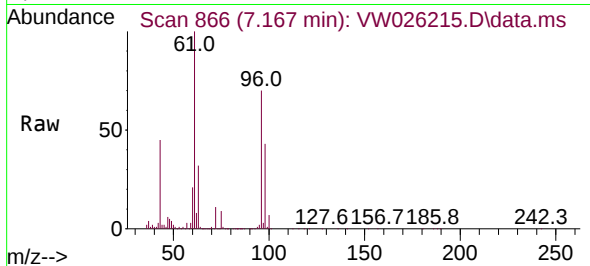




#22
2-Butanone
Concen: 57.263 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

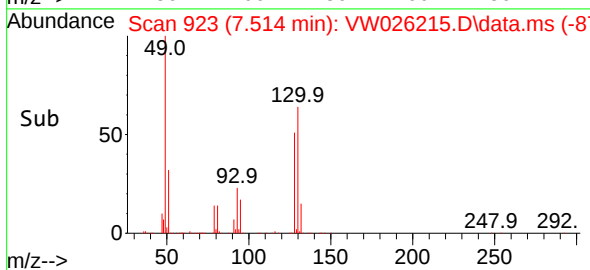
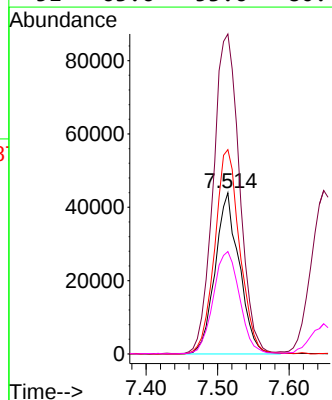
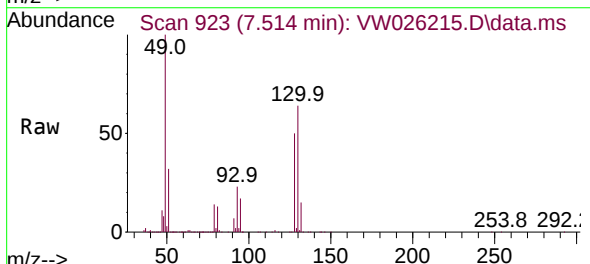
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

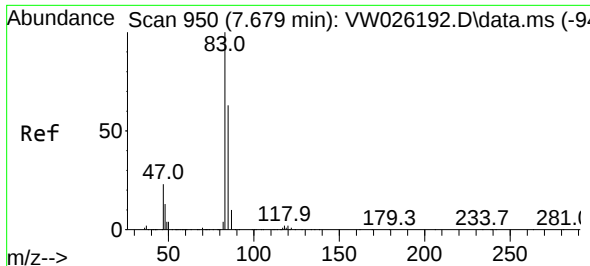
Tgt Ion: 43 Resp: 176146
Ion Ratio Lower Upper
43 100
72 23.1 12.4 37.4



#23
Bromochloromethane
Concen: 23.504 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion: 128 Resp: 103207
Ion Ratio Lower Upper
128 100
49 198.5 140.6 261.0
130 126.7 86.0 159.6
51 63.6 53.6 80.4

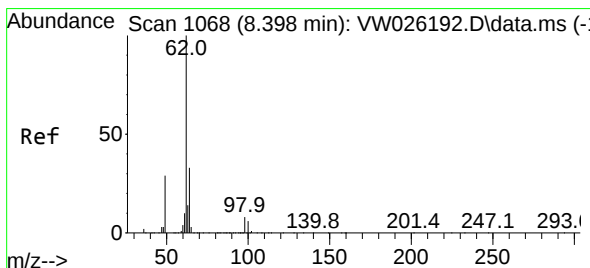
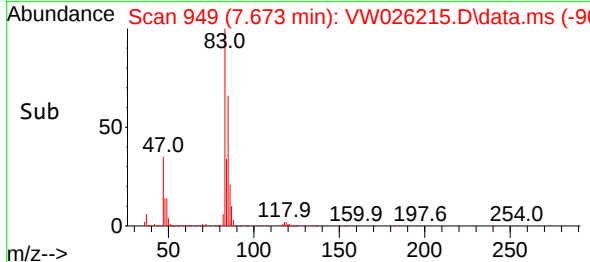
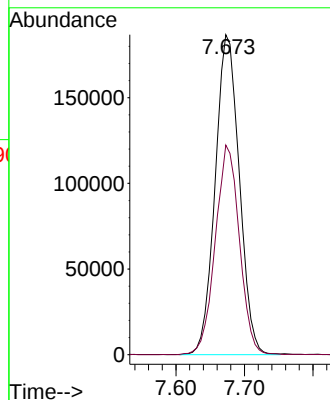
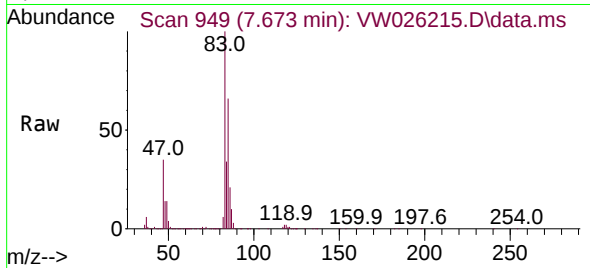




#25
Chloroform
Concen: 24.773 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

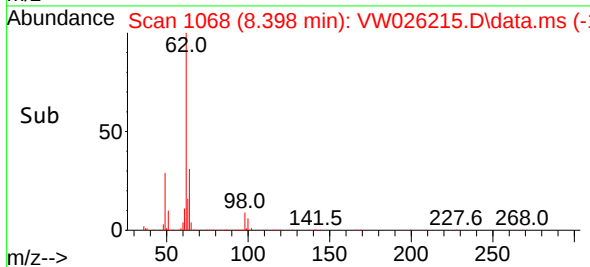
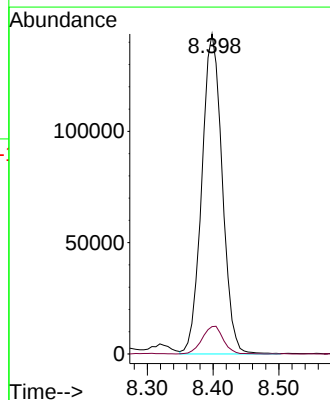
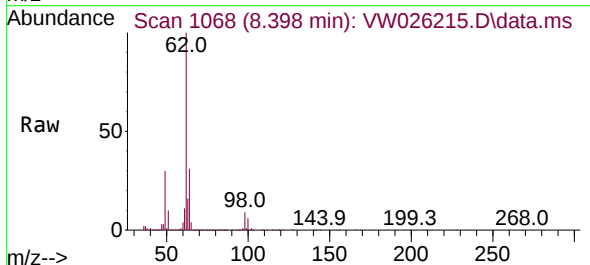
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

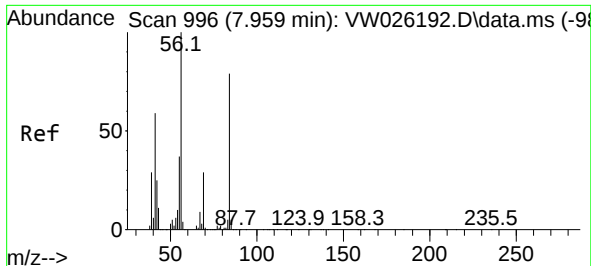
Tgt Ion: 83 Resp: 456592
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.412 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion: 62 Resp: 310328
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.2





#29

Cyclohexane

Concen: 23.968 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

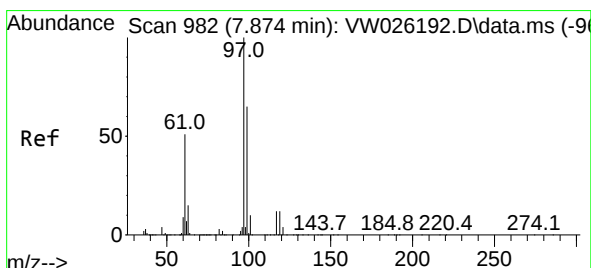
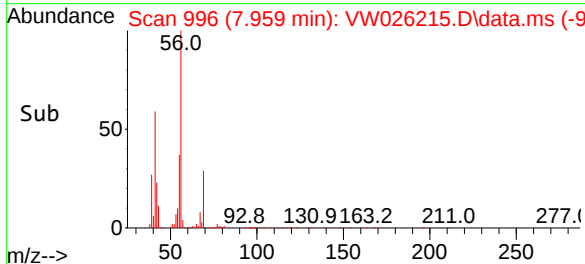
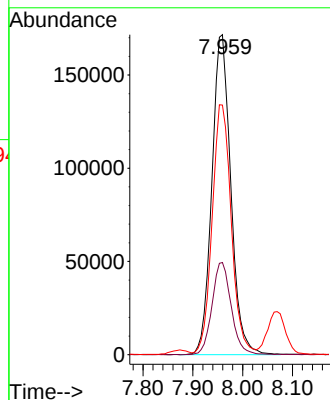
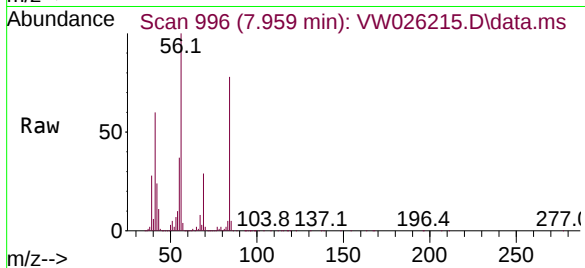
Tgt Ion: 56 Resp: 453311

Ion Ratio Lower Upper

56 100

69 29.1 23.3 34.9

84 78.7 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 24.754 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

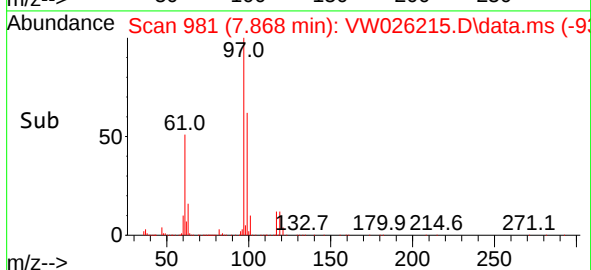
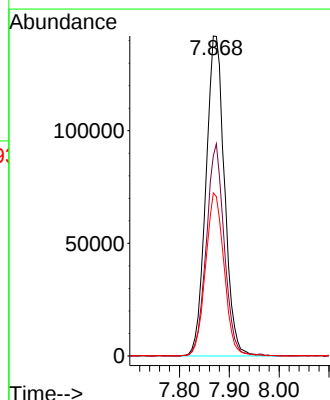
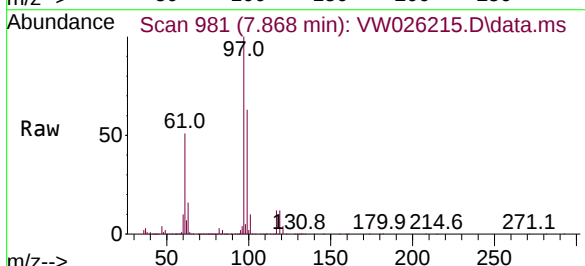
Tgt Ion: 97 Resp: 368001

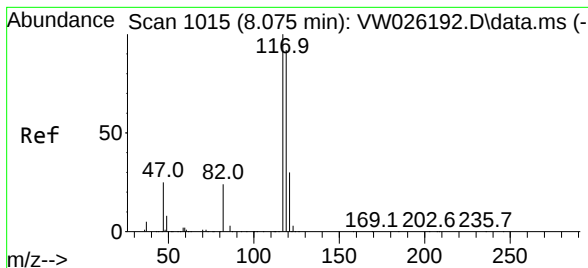
Ion Ratio Lower Upper

97 100

99 63.7 50.6 76.0

61 50.8 40.5 60.7

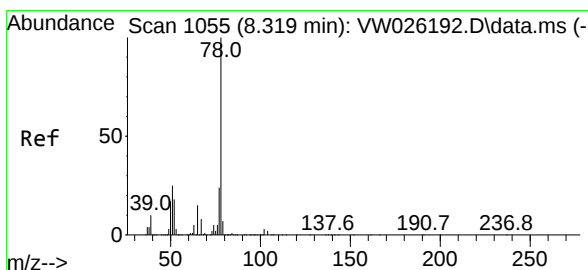
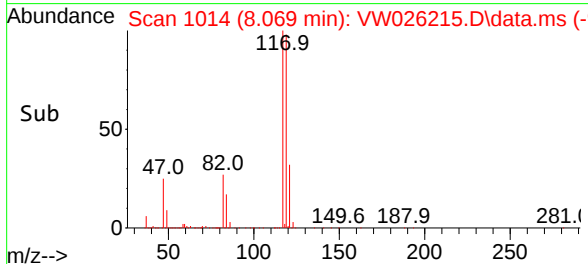
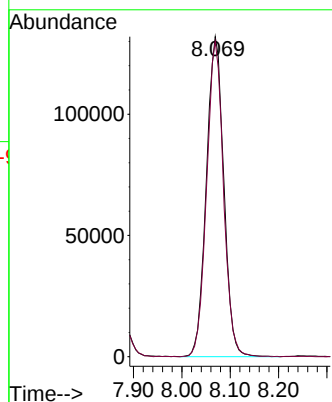
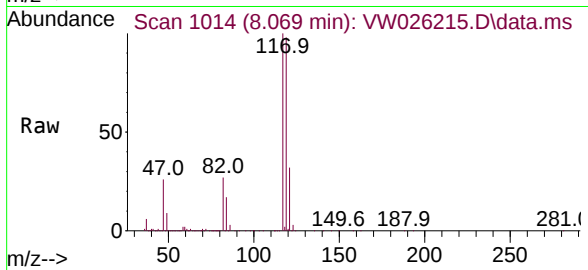




#31
Carbon tetrachloride
Concen: 24.328 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

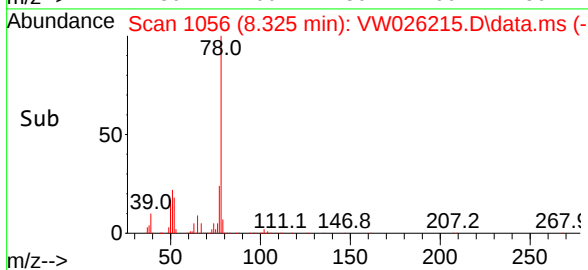
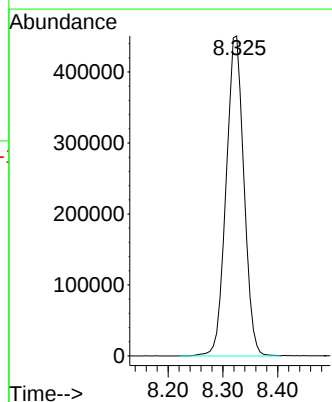
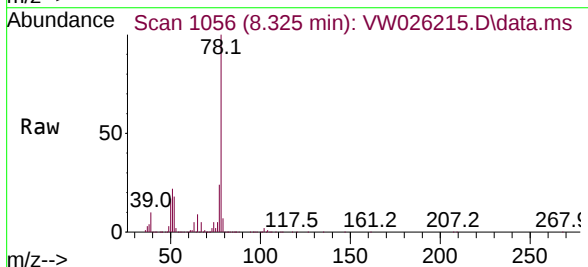
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

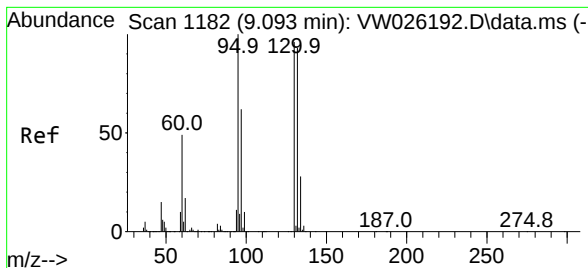
Tgt Ion:117 Resp: 330044
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2



#33
Benzene
Concen: 24.240 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion: 78 Resp: 1017270





#34

Trichloroethene

Concen: 23.579 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

Tgt Ion: 95 Resp: 253379

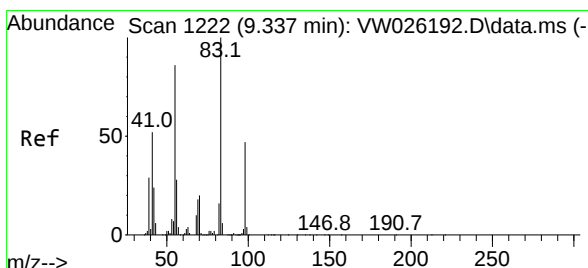
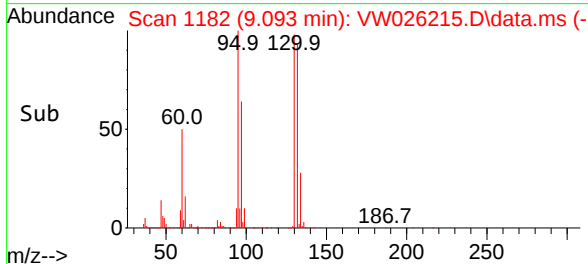
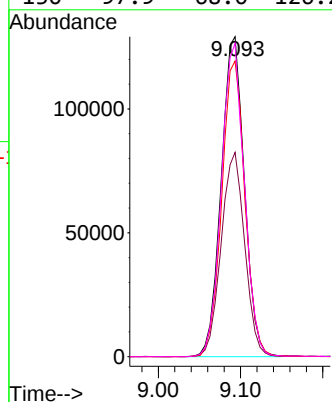
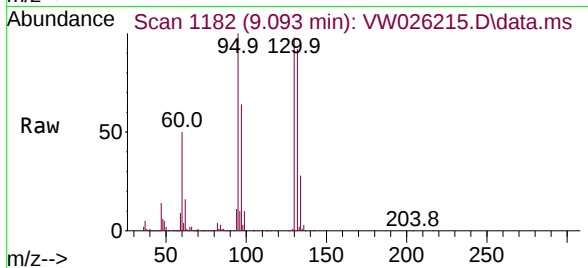
Ion Ratio Lower Upper

95 100

97 63.9 45.9 85.3

132 92.4 67.1 124.7

130 97.9 68.0 126.2



#35

Methylcyclohexane

Concen: 24.092 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

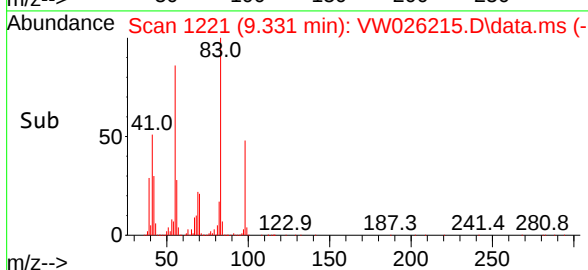
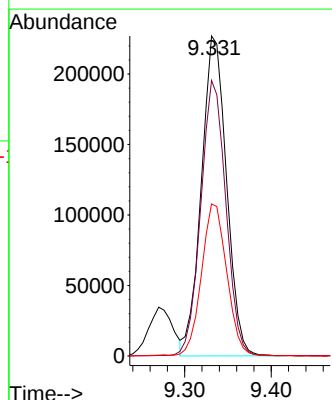
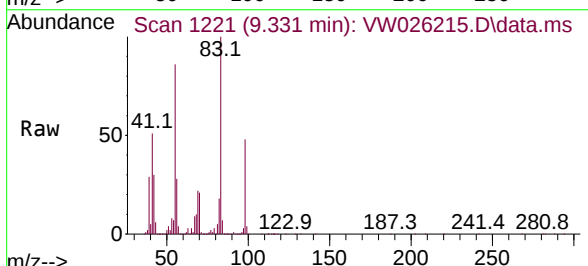
Tgt Ion: 83 Resp: 458101

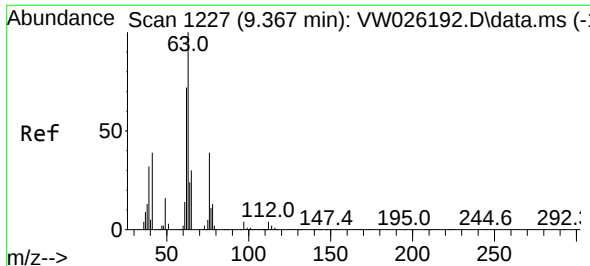
Ion Ratio Lower Upper

83 100

55 86.1 68.2 102.4

98 47.8 38.1 57.1





#37

1,2-Dichloropropane

Concen: 24.470 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

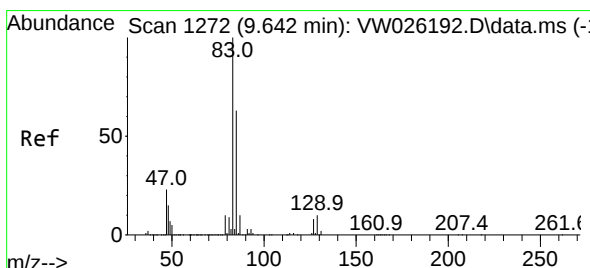
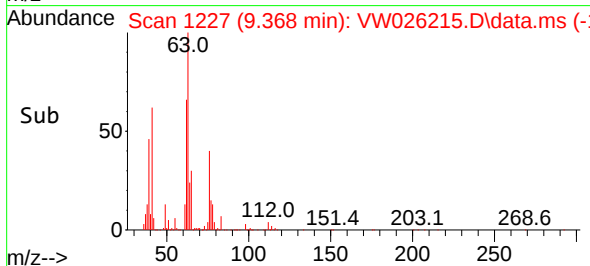
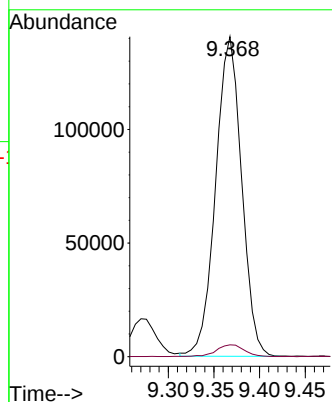
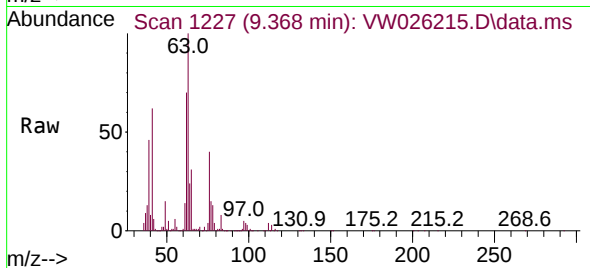
VSTD025521

Tgt Ion: 63 Resp: 278147

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 24.240 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

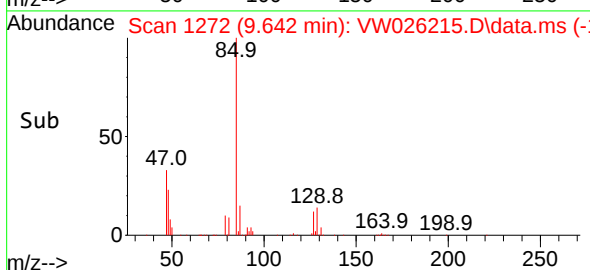
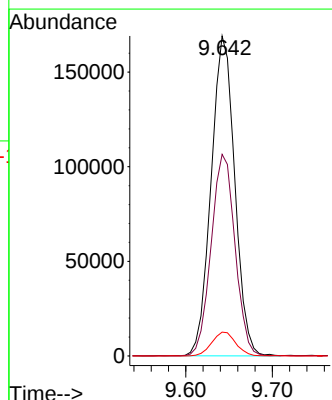
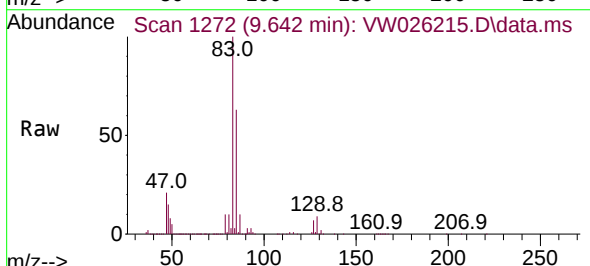
Tgt Ion: 83 Resp: 320102

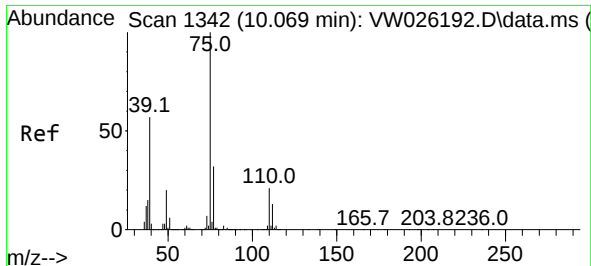
Ion Ratio Lower Upper

83 100

85 63.0 44.2 82.0

127 7.4 6.2 9.2

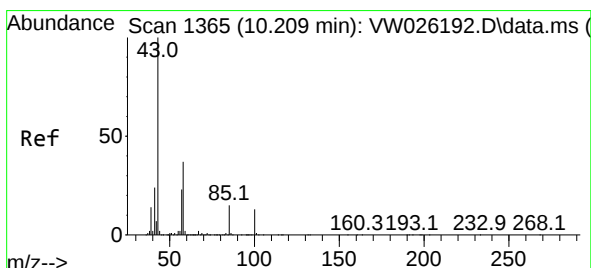
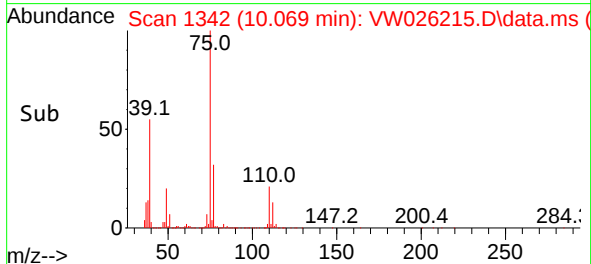
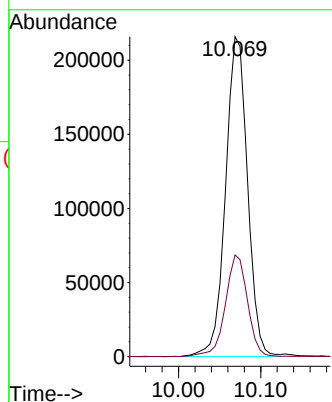
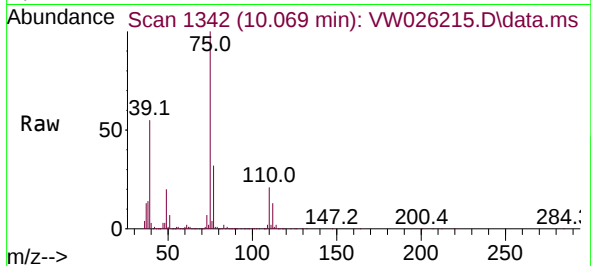




#39
 cis-1,3-Dichloropropene
 Concen: 23.985 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW026215.D
 Acq: 16 Jun 2023 08:49

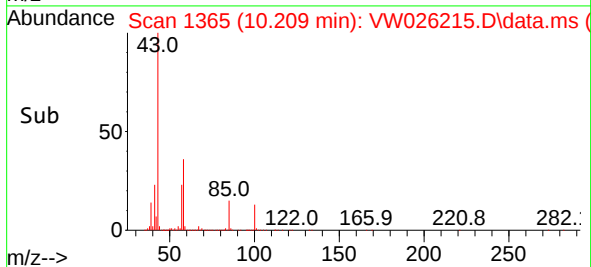
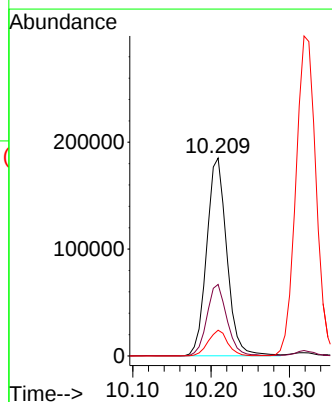
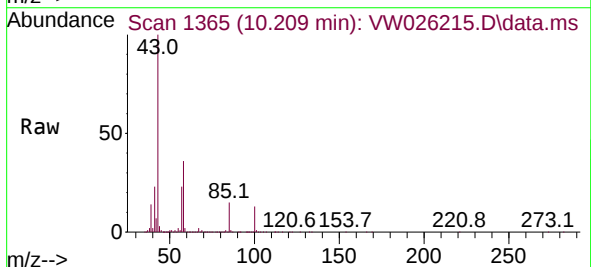
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

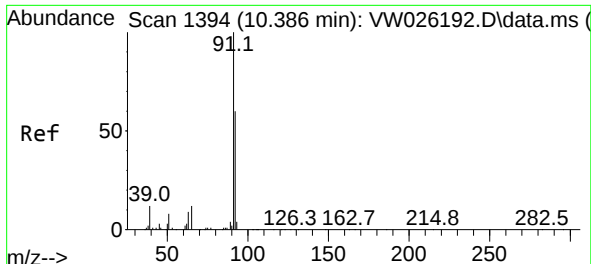
Tgt Ion: 75 Resp: 400642
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 49.255 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026215.D
 Acq: 16 Jun 2023 08:49

Tgt Ion: 43 Resp: 330076
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.0 43.4
 100 12.5 10.5 15.7

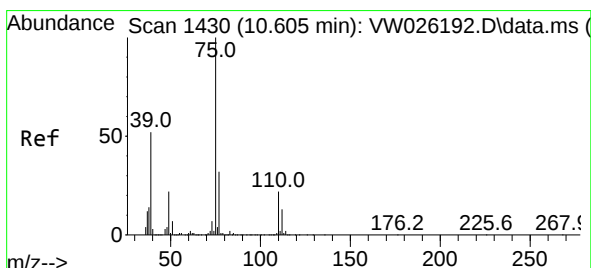
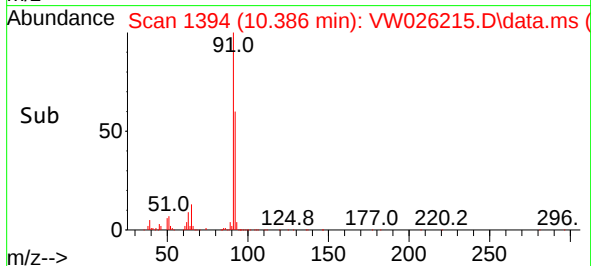
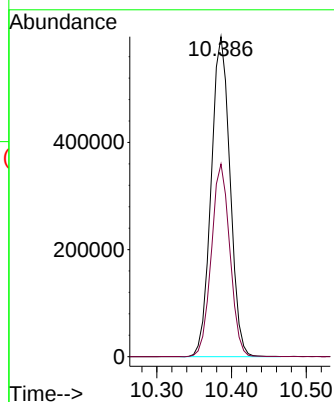
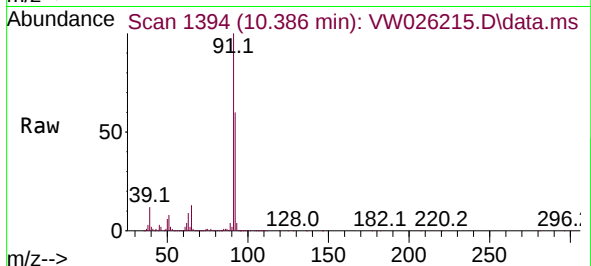




#42
Toluene
Concen: 24.386 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

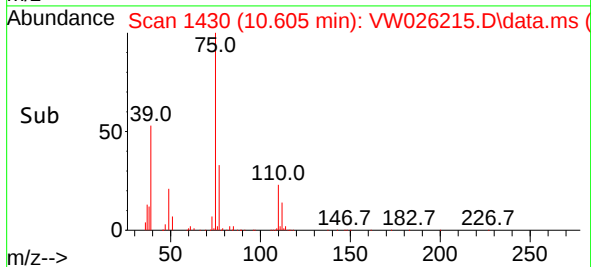
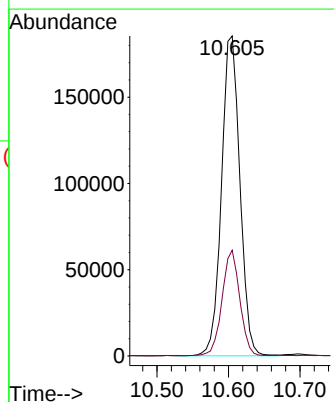
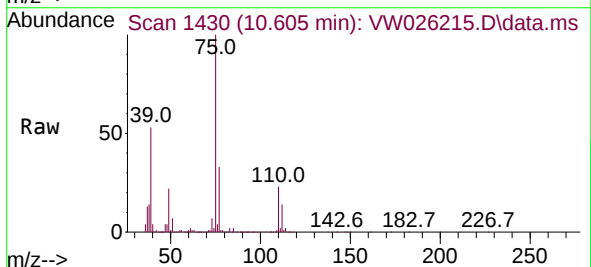
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

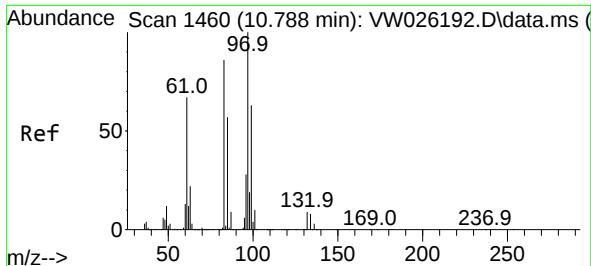
Tgt Ion: 91 Resp: 1046724
Ion Ratio Lower Upper
91 100
92 60.2 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 23.825 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion: 75 Resp: 331549
Ion Ratio Lower Upper
75 100
77 33.1 21.1 39.3



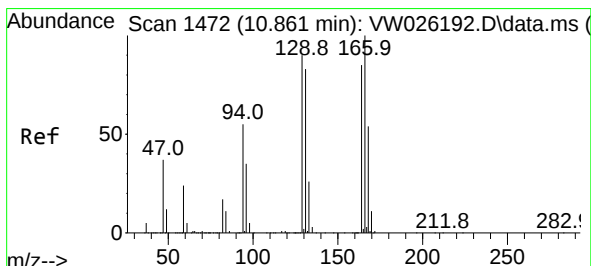
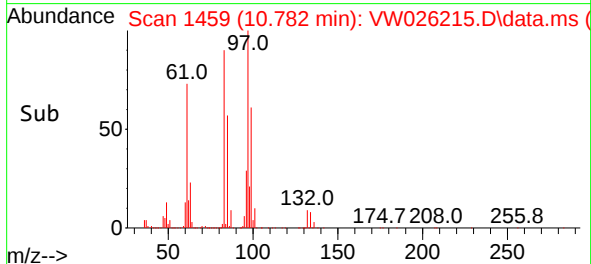
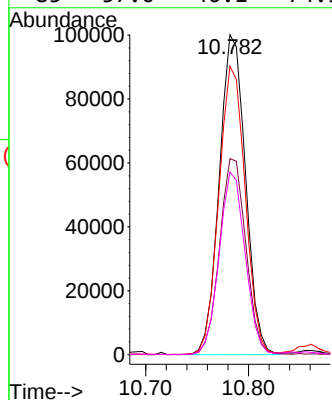
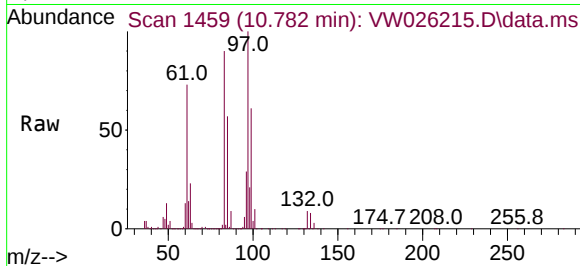


#45
1,1,2-Trichloroethane
Concen: 23.662 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

Tgt Ion: 97 Resp: 177262

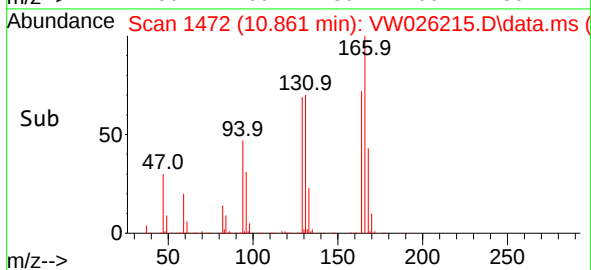
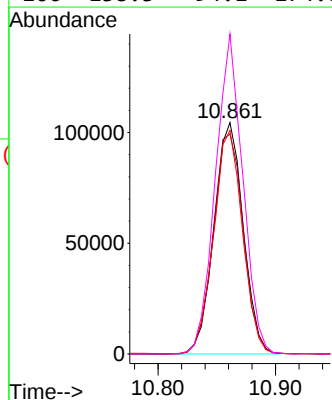
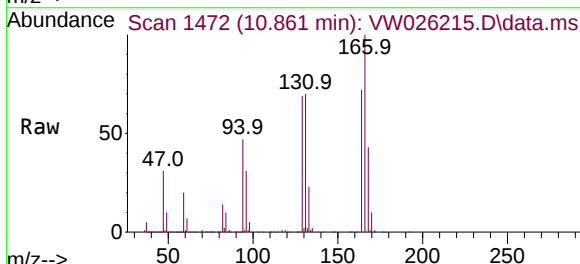
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.3	80.5
83	90.1	62.9	116.9
85	57.0	40.1	74.5

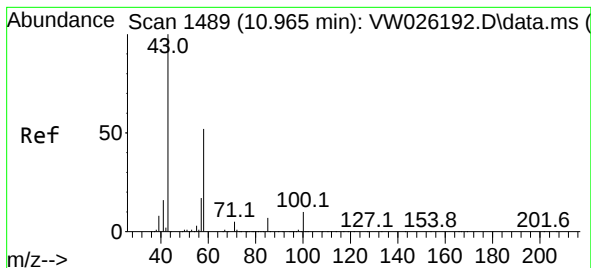


#46
Tetrachloroethene
Concen: 23.651 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion:164 Resp: 179763

Ion	Ratio	Lower	Upper
164	100		
129	95.1	68.5	127.1
131	96.6	67.1	124.7
166	138.3	94.1	174.8





#48

2-Hexanone

Concen: 50.619 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

Tgt Ion: 43 Resp: 239184

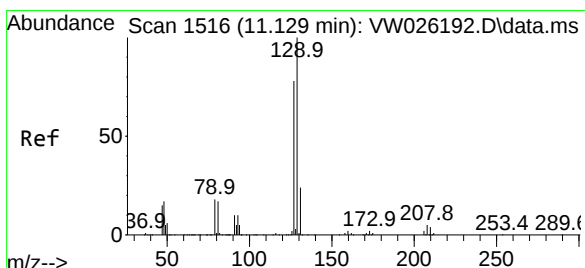
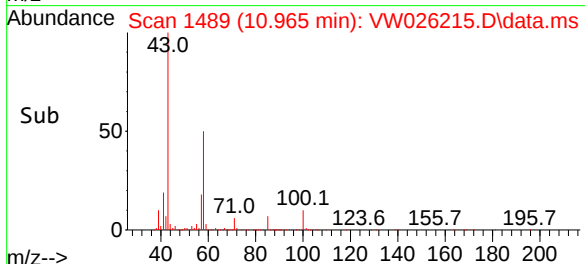
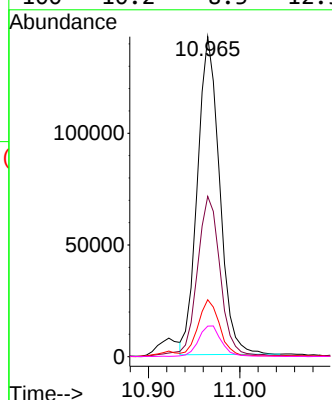
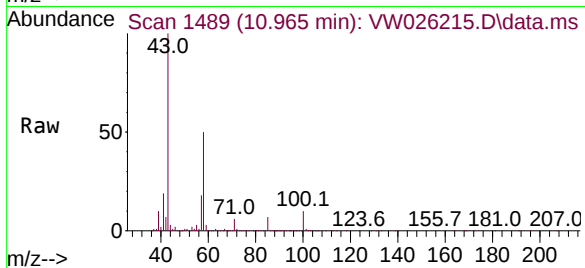
Ion Ratio Lower Upper

43 100

58 53.0 42.2 63.2

57 16.8 14.2 21.2

100 10.2 8.3 12.5



#49

Dibromochloromethane

Concen: 24.367 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW026215.D

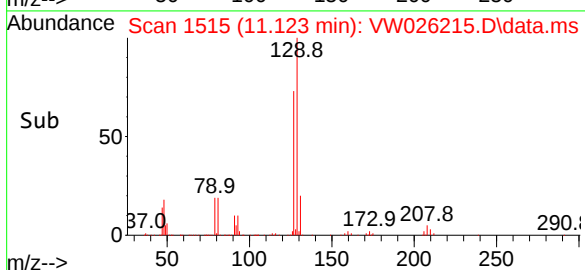
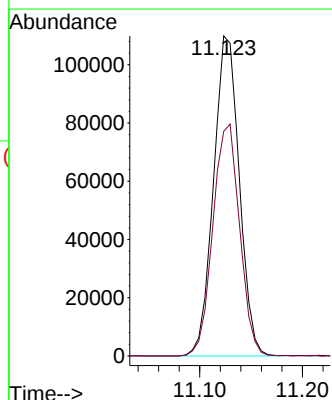
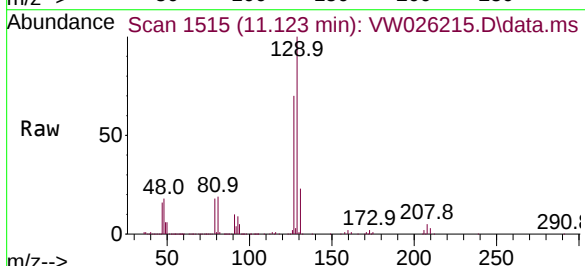
Acq: 16 Jun 2023 08:49

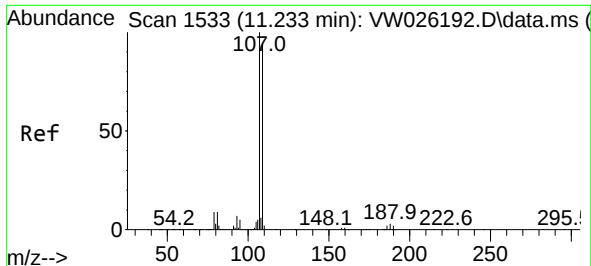
Tgt Ion: 129 Resp: 191389

Ion Ratio Lower Upper

129 100

127 70.2 56.9 105.7

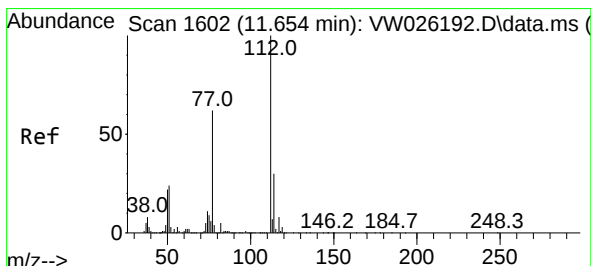
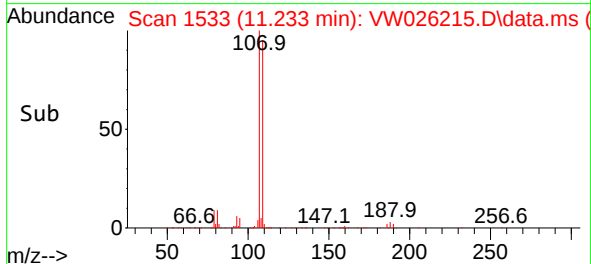
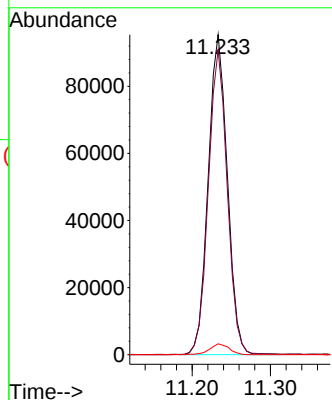
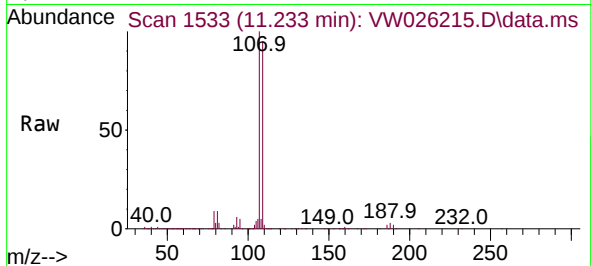




#50
1,2-Dibromoethane
Concen: 23.410 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

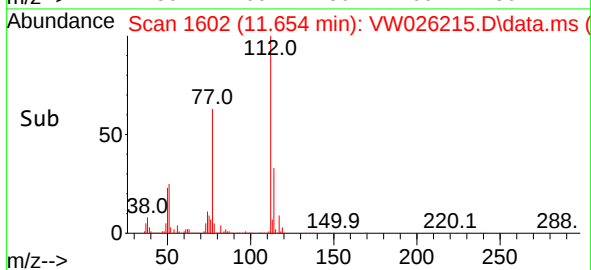
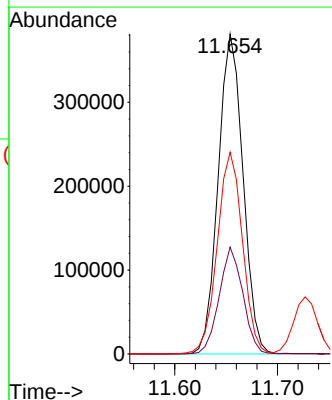
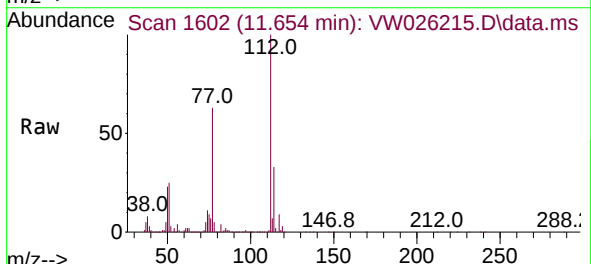
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

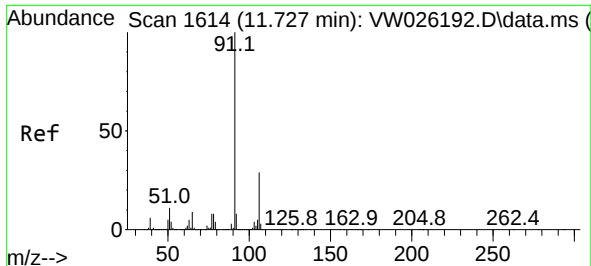
Tgt Ion:107 Resp: 162378
Ion Ratio Lower Upper
107 100
109 95.2 64.0 119.0
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 23.741 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion:112 Resp: 638583
Ion Ratio Lower Upper
112 100
114 33.4 23.0 42.6
77 63.1 50.9 76.3

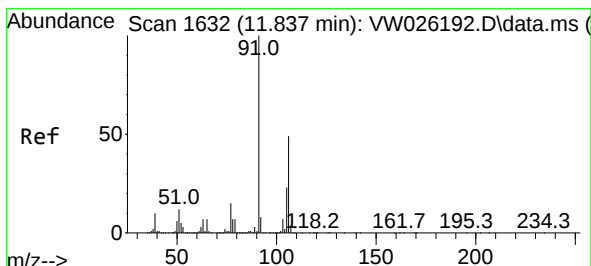
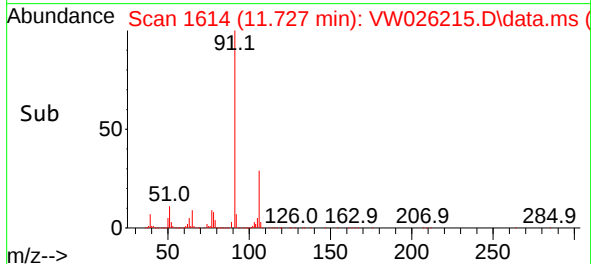
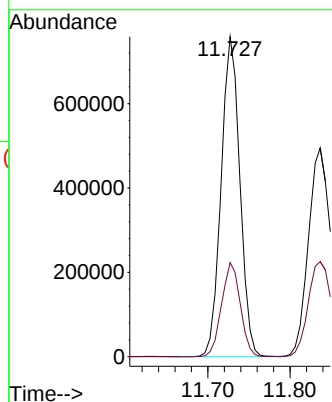
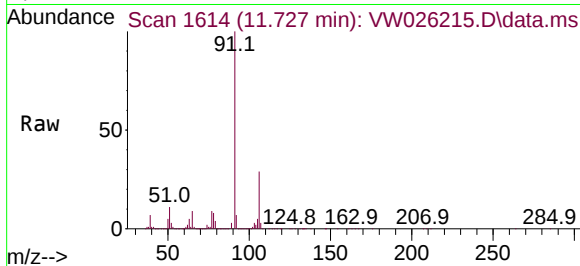




#52
Ethylbenzene
Concen: 24.810 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

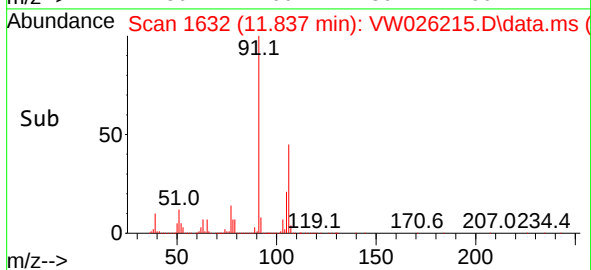
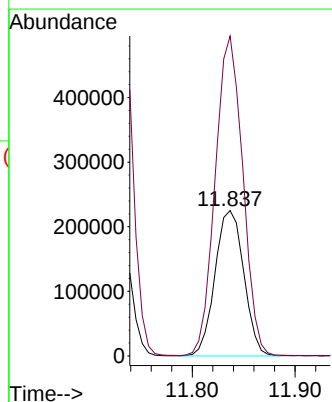
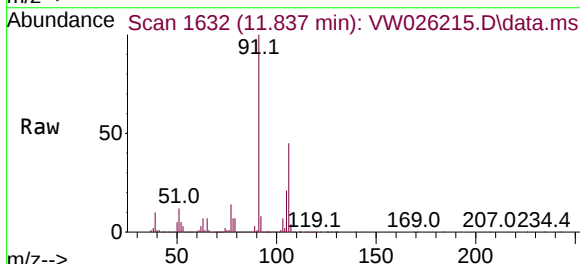
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

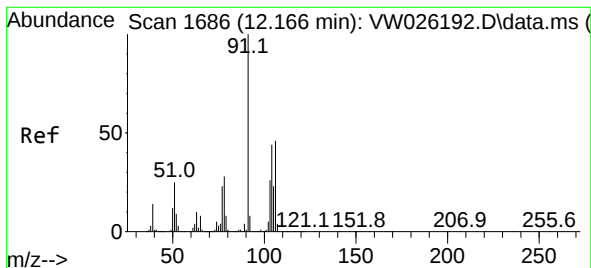
Tgt Ion: 91 Resp: 1201290
Ion Ratio Lower Upper
91 100
106 29.4 21.2 39.4



#53
m,p-Xylene
Concen: 24.322 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion:106 Resp: 438118
Ion Ratio Lower Upper
106 100
91 219.9 149.5 277.7





#54

o-Xylene

Concen: 24.175 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

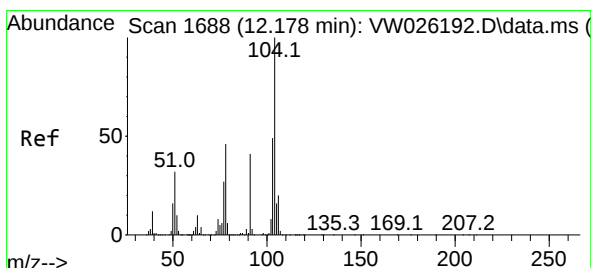
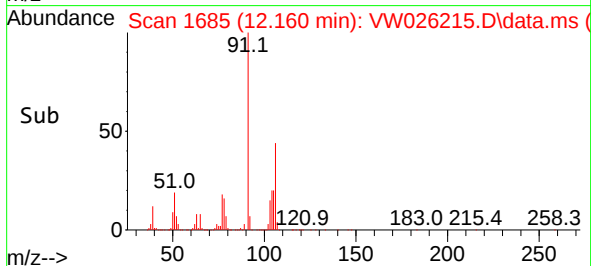
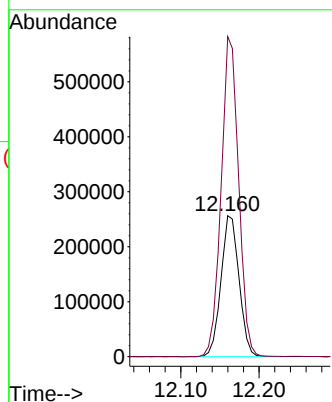
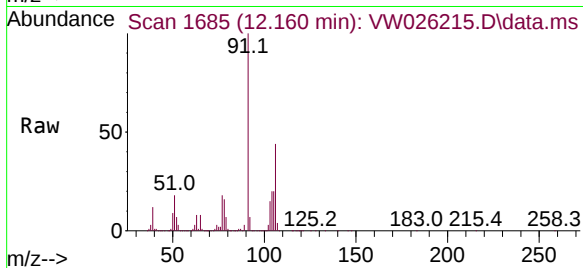
VSTD025521

Tgt Ion:106 Resp: 411005

Ion Ratio Lower Upper

106 100

91 227.1 150.9 280.3



#55

Styrene

Concen: 24.877 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW026215.D

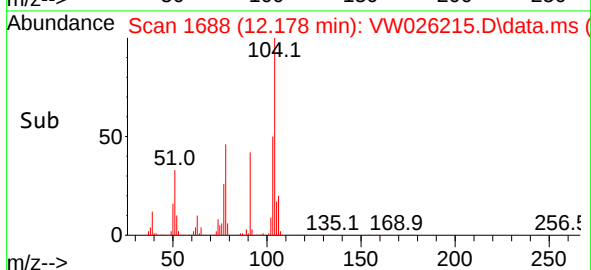
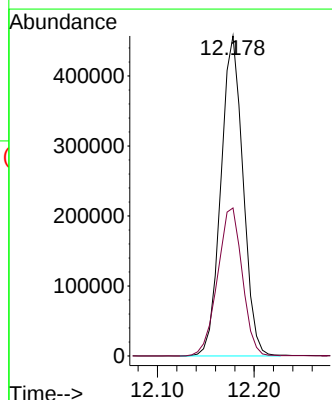
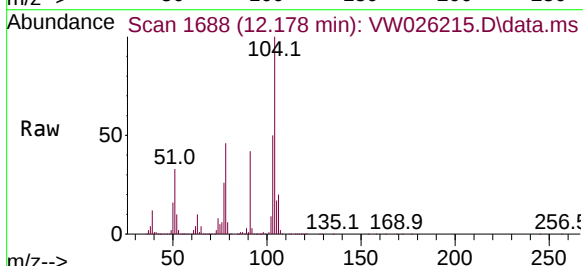
Acq: 16 Jun 2023 08:49

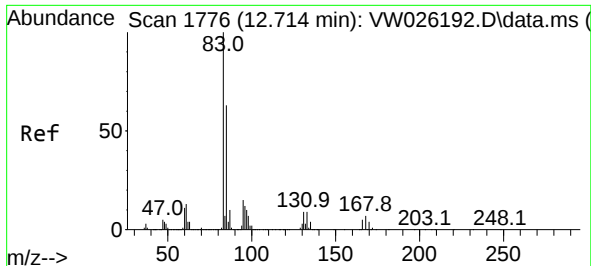
Tgt Ion:104 Resp: 725581

Ion Ratio Lower Upper

104 100

78 46.3 32.6 60.6





#57

1,1,2-Tetrachloroethane

Concen: 23.722 ug/L

RT: 12.715 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

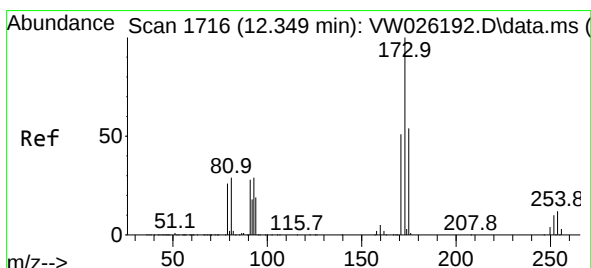
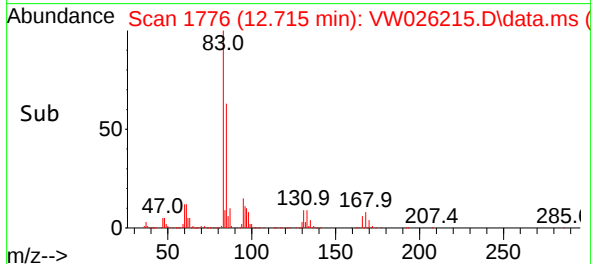
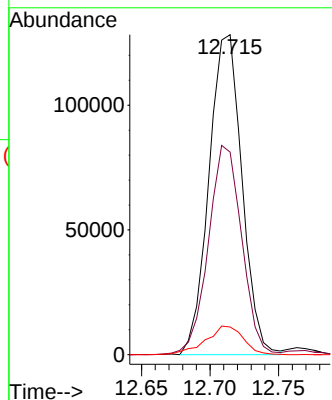
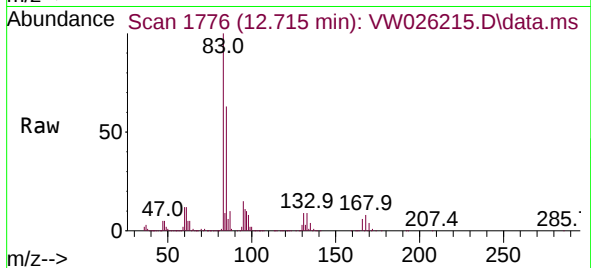
Tgt Ion: 83 Resp: 215062

Ion Ratio Lower Upper

83 100

85 63.3 42.6 79.0

131 8.6 7.2 10.8



#59

Bromoform

Concen: 21.501 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

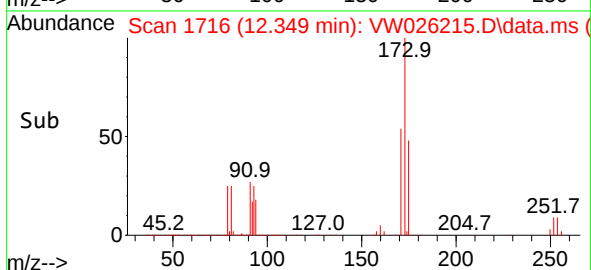
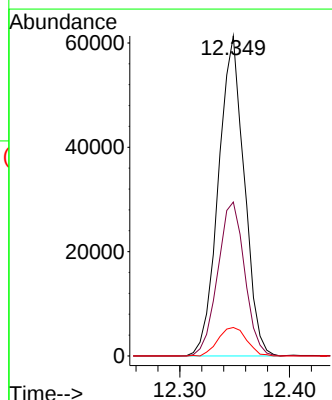
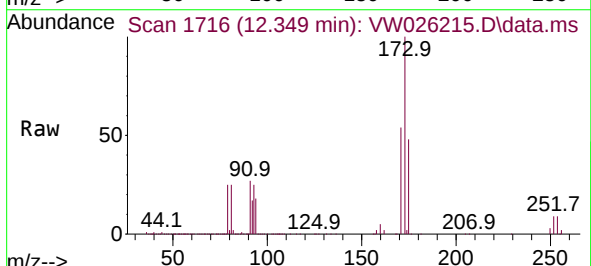
Tgt Ion: 173 Resp: 100325

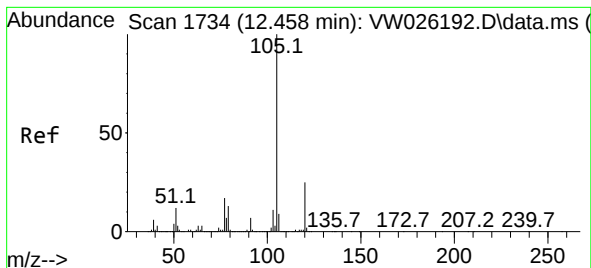
Ion Ratio Lower Upper

173 100

175 50.1 38.6 57.8

254 9.8 7.4 11.0

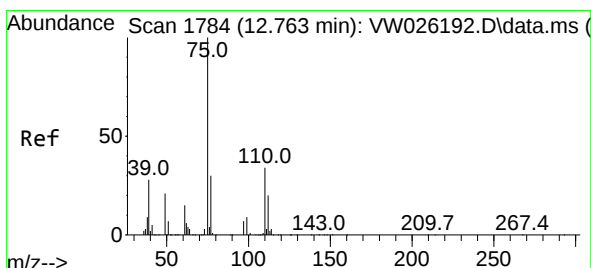
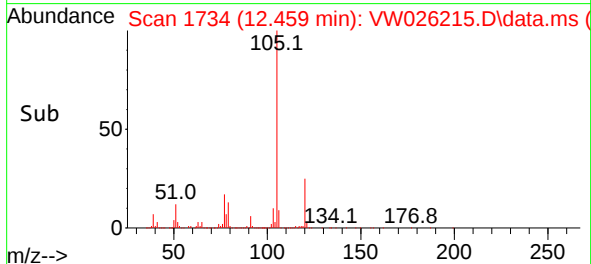
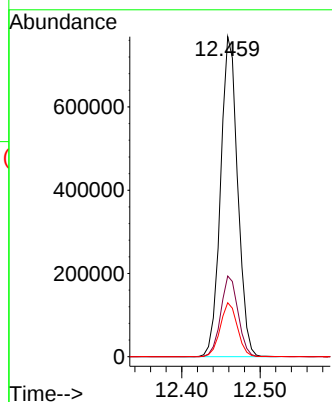
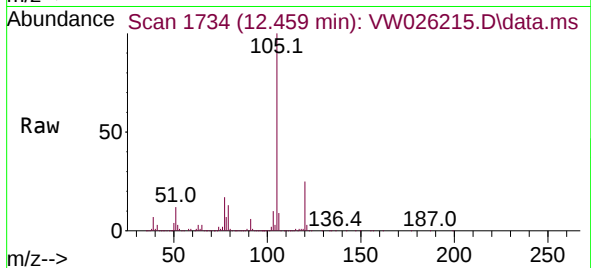




#60
Isopropylbenzene
Concen: 23.917 ug/L
RT: 12.459 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

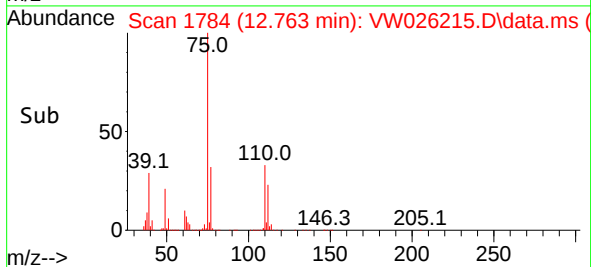
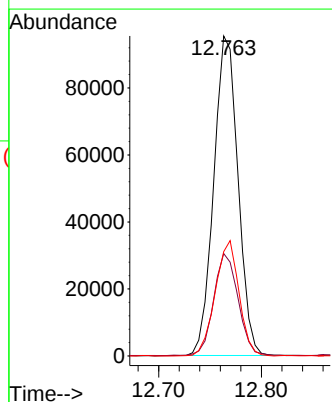
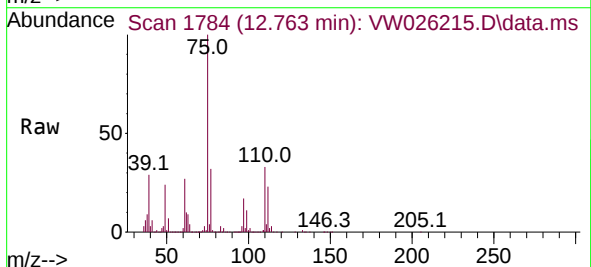
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

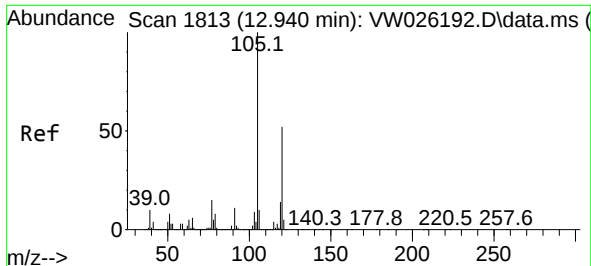
Tgt Ion:105 Resp: 1167258
Ion Ratio Lower Upper
105 100
120 25.5 19.8 29.8
77 16.8 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 22.430 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion: 75 Resp: 156085
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 35.3 28.7 43.1

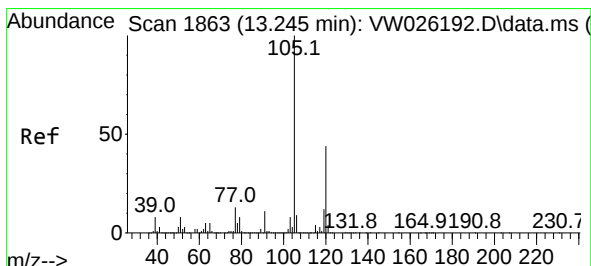
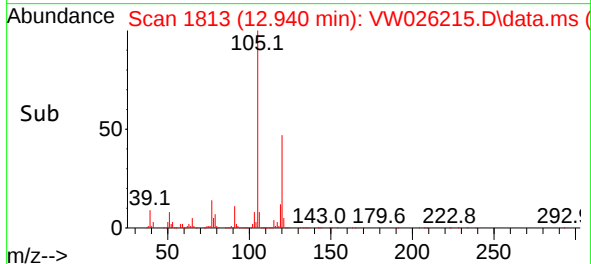
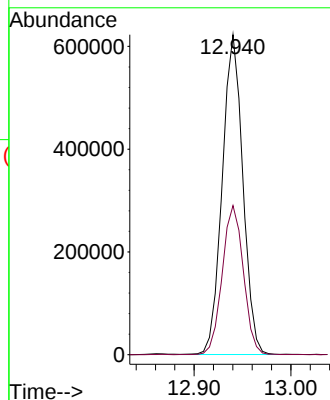
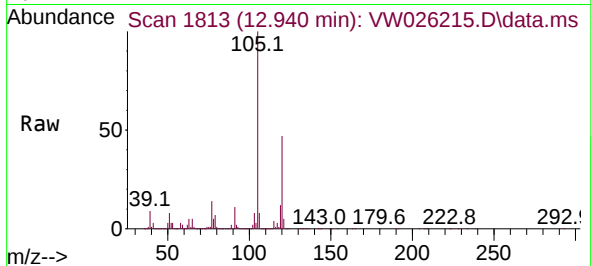




#62
1,3,5-Trimethylbenzene
Concen: 23.709 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

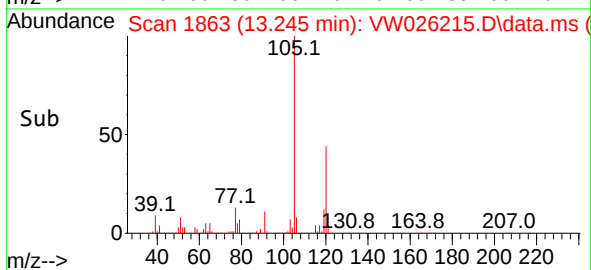
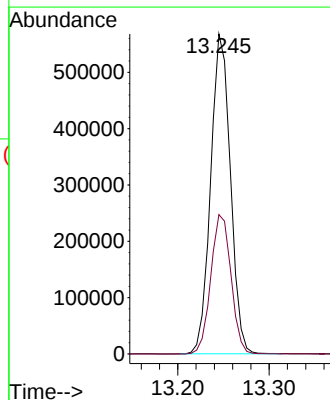
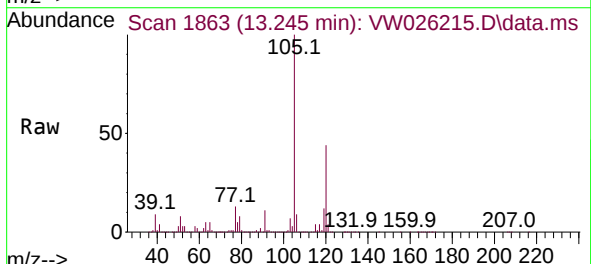
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

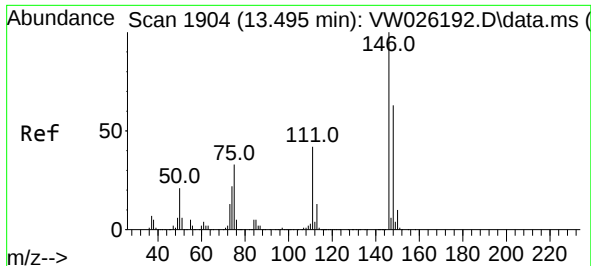
Tgt Ion:105 Resp: 919829
Ion Ratio Lower Upper
105 100
120 47.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 23.936 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion:105 Resp: 850540
Ion Ratio Lower Upper
105 100
120 44.6 36.2 54.2

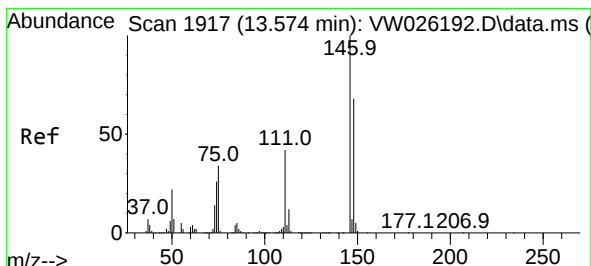
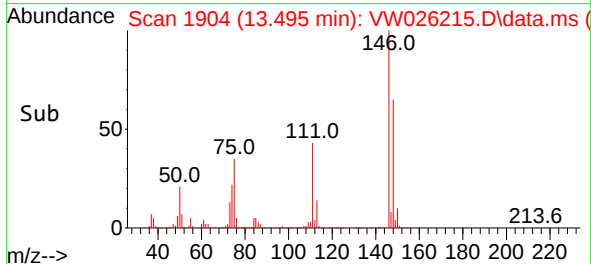
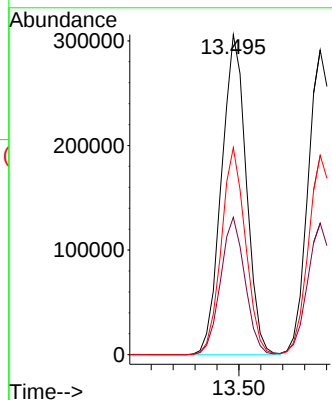
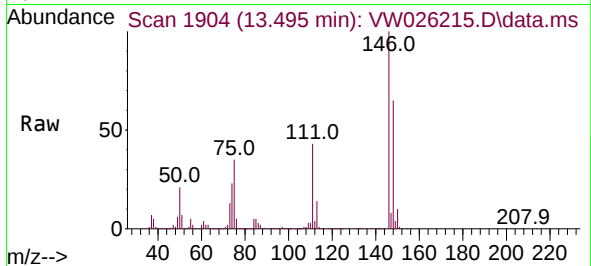




#64
1,3-Dichlorobenzene
Concen: 23.365 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

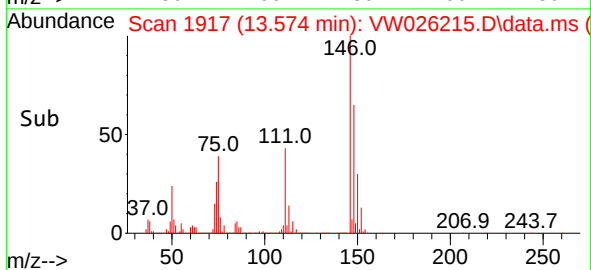
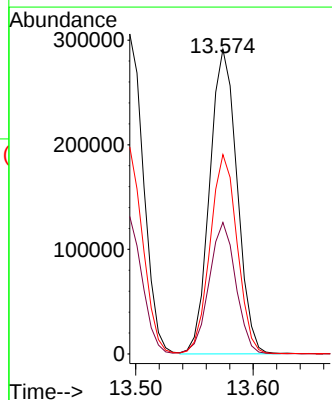
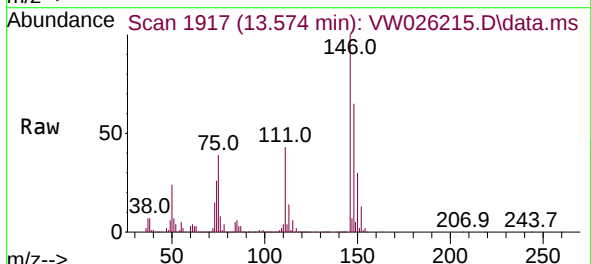
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

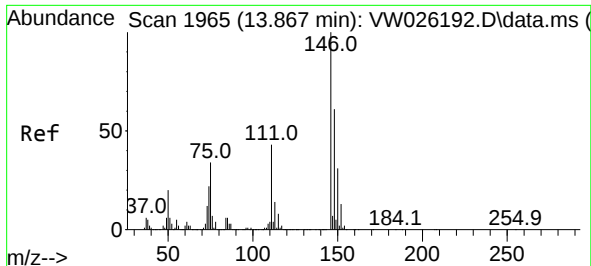
Tgt Ion:146 Resp: 479459
Ion Ratio Lower Upper
146 100
111 43.0 29.7 55.1
148 64.7 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 22.873 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026215.D
Acq: 16 Jun 2023 08:49

Tgt Ion:146 Resp: 472542
Ion Ratio Lower Upper
146 100
111 43.2 29.2 54.2
148 65.4 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 22.463 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

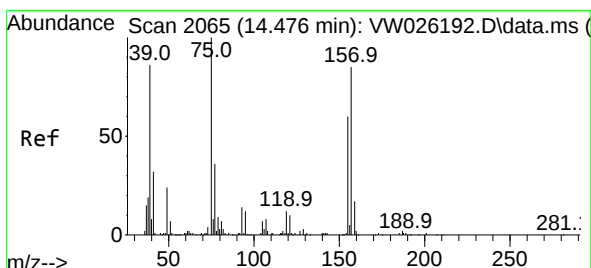
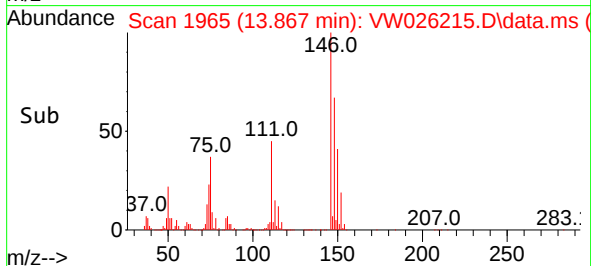
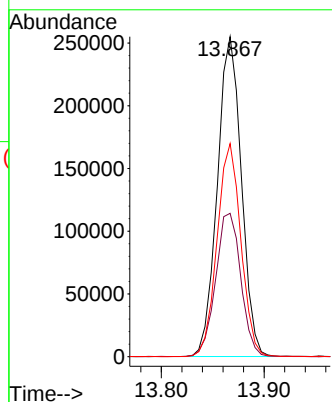
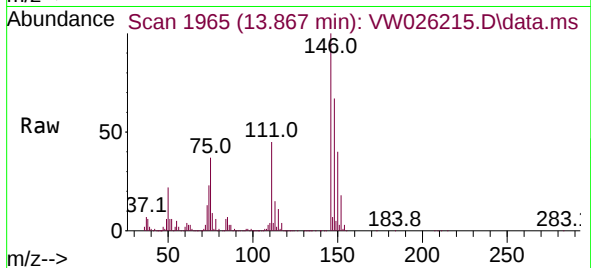
Tgt Ion:146 Resp: 413914

Ion Ratio Lower Upper

146 100

111 44.8 35.4 53.0

148 66.6 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.097 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

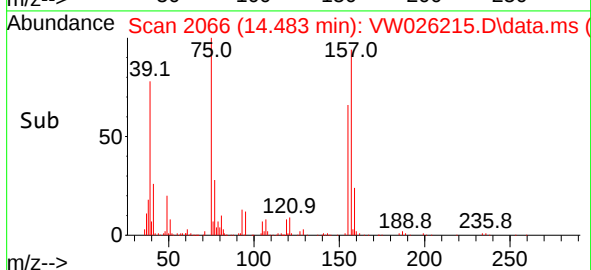
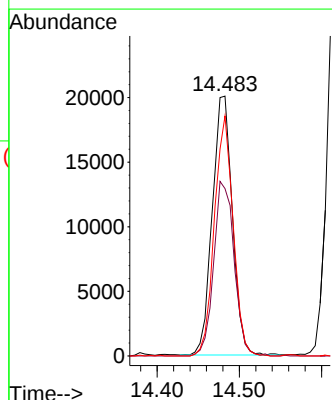
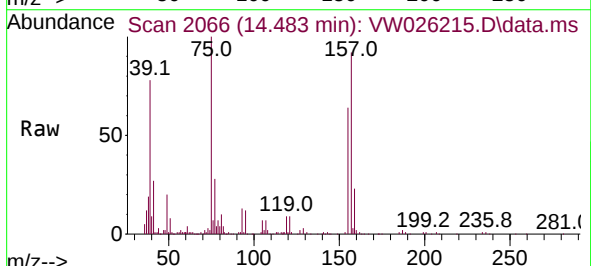
Tgt Ion: 75 Resp: 34014

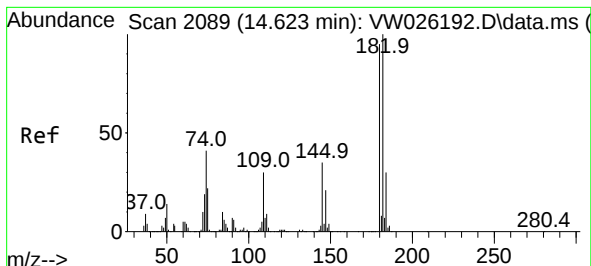
Ion Ratio Lower Upper

75 100

155 64.4 59.0 88.6

157 92.4 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 22.761 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

Tgt Ion:180 Resp: 320835

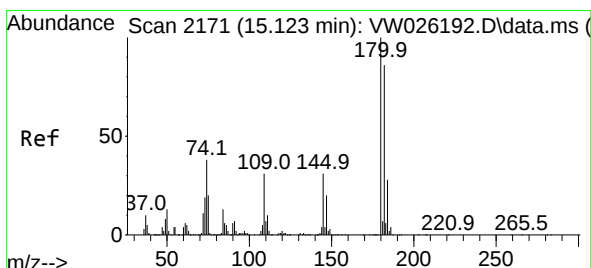
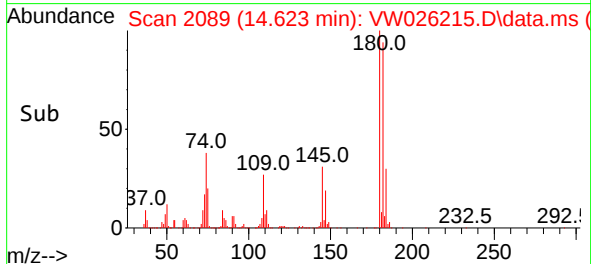
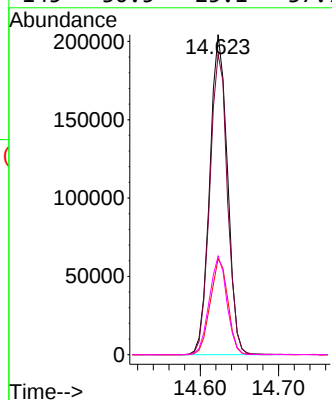
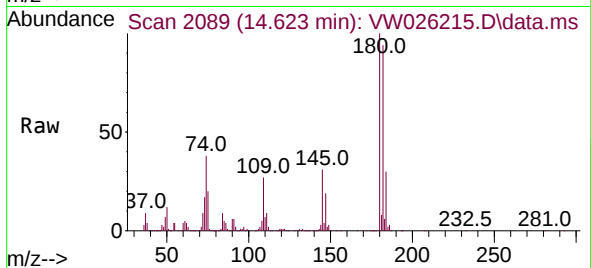
Ion Ratio Lower Upper

180 100

182 93.6 77.0 115.4

184 29.7 23.7 35.5

145 30.5 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 22.349 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

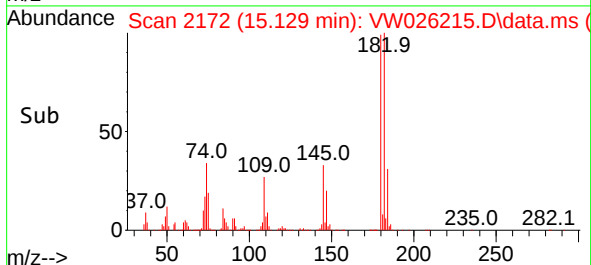
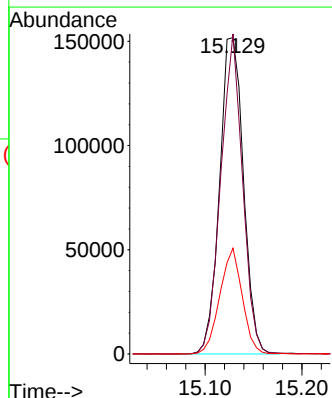
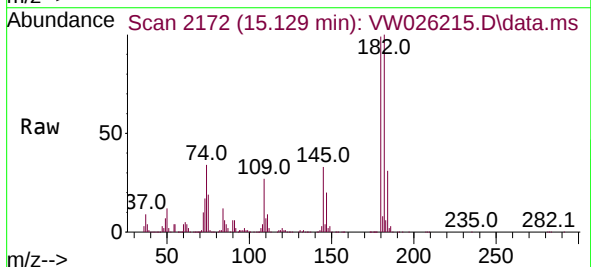
Tgt Ion:180 Resp: 259944

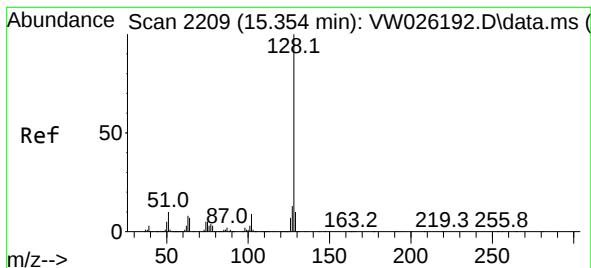
Ion Ratio Lower Upper

180 100

182 92.0 78.9 118.3

145 31.4 27.2 40.8





#71

Naphthalene

Concen: 21.654 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

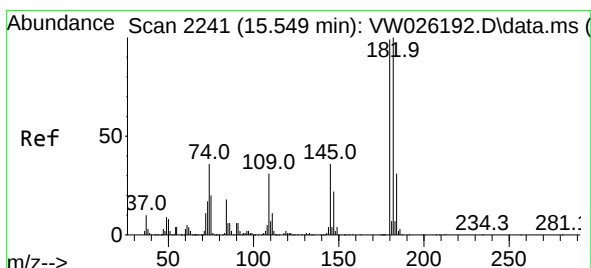
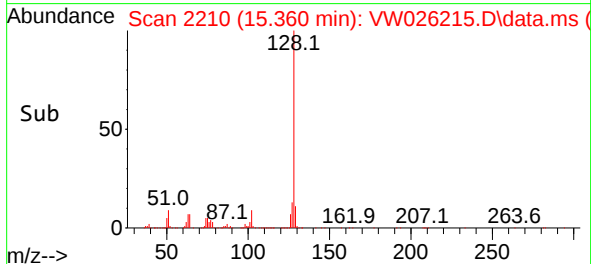
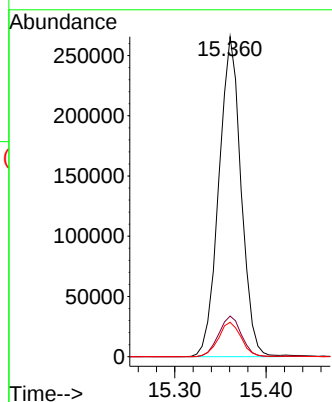
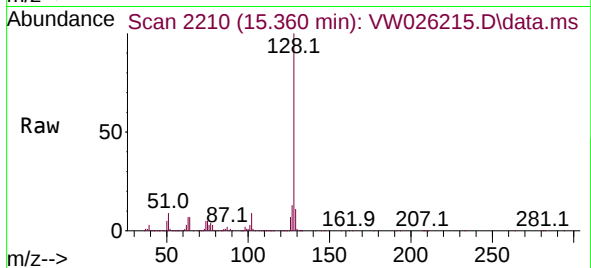
Tgt Ion:128 Resp: 448877

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 22.486 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW026215.D

Acq: 16 Jun 2023 08:49

Tgt Ion:180 Resp: 228572

Ion Ratio Lower Upper

180 100

182 91.8 76.3 114.5

145 33.8 27.0 40.6

