

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026051.D
 Acq On : 25 May 2023 19:26
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 4.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

Quant Time: May 26 00:37:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 00:33:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	708302	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	644494	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	323721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	164717	16.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.640%
7) Chloroethane-d5	2.893	69	156820	21.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.280%
11) 1,1-Dichloroethene-d2	4.021	65	86832	17.277	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.120%
21) 2-Butanone-d5	7.075	46	200389	60.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.780%
24) Chloroform-d	7.648	84	496387	24.304	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	8.307	65	283496	24.547	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.276	84	899939	21.370	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.480%
36) 1,2-Dichloropropane-d6	9.270	67	311936	23.151	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.600%
41) Toluene-d8	10.319	98	772912	20.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.320%
43) trans-1,3-Dichloroprop...	10.575	79	120614	22.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.320%
47) 2-Hexanone-d5	10.922	63	143883	62.623	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	283359	27.592	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	271809	23.033	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	168462	21.289	ug/L	# 81
3) Chloromethane	2.222	50	252892	21.675	ug/L	99
5) Vinyl chloride	2.375	62	275367	22.801	ug/L	99
6) Bromomethane	2.783	94	162337	24.715	ug/L	99
8) Chloroethane	2.930	64	177406	25.835	ug/L	96
9) Trichlorofluoromethane	3.265	101	167996	18.433	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	234353	23.643	ug/L	98
12) 1,1-Dichloroethene	4.045	96	220321	23.258	ug/L	94
13) Acetone	4.118	43	124105	42.181	ug/L	97
14) Carbon disulfide	4.387	76	630783	19.690	ug/L	99
15) Methyl Acetate	4.667	43	158166	27.279	ug/L	99
16) Methylene chloride	4.917	84	288194	19.729	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	249051	24.100	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	527864	33.655	ug/L	99
19) 1,1-Dichloroethane	6.216	63	562986	26.516	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	298614	26.934	ug/L	98
22) 2-Butanone	7.167	43	207501	51.075	ug/L	98
23) Bromochloromethane	7.508	128	122927	26.172	ug/L	97
25) Chloroform	7.679	83	540710	27.708	ug/L	99

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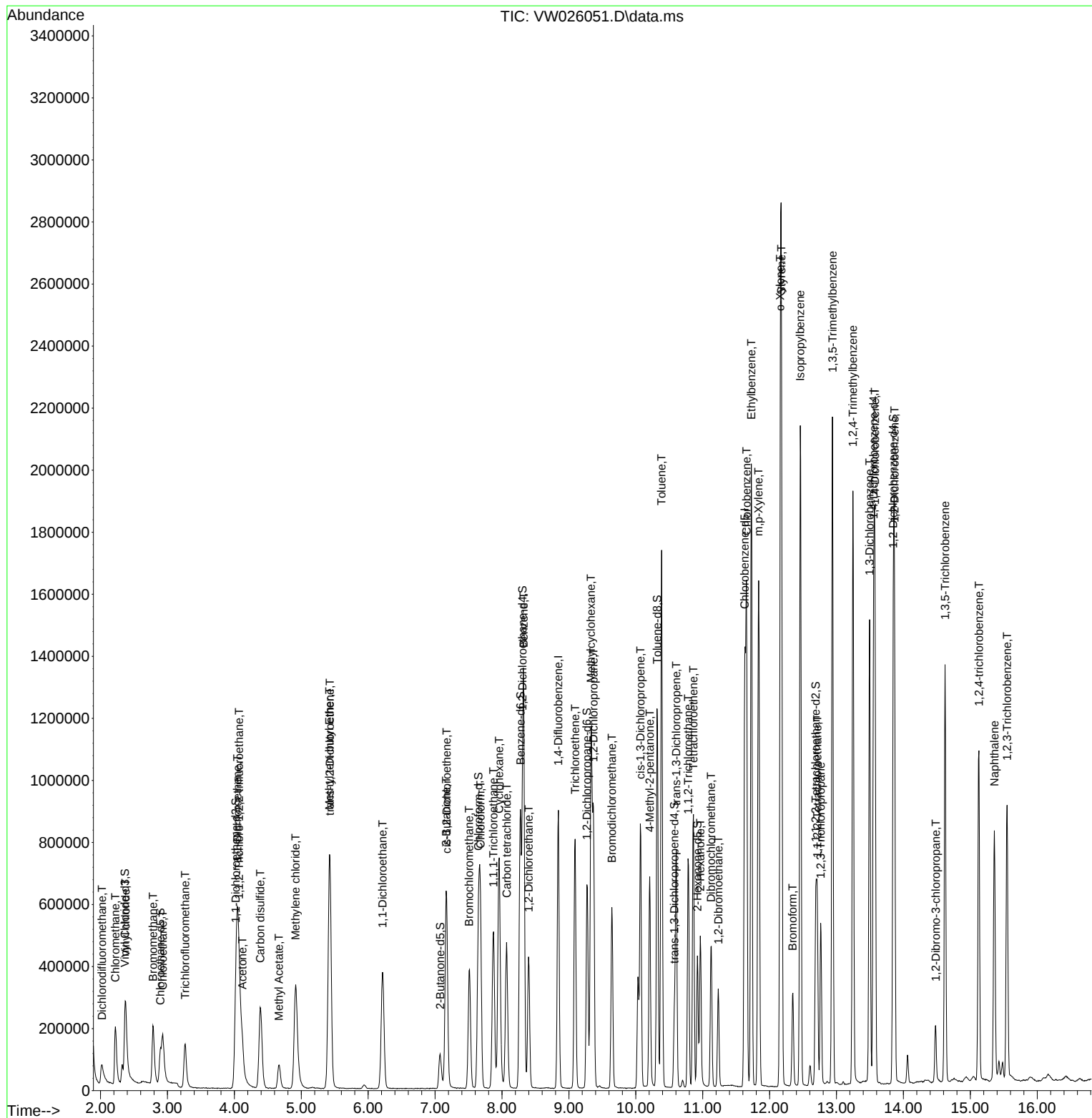
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	387350	27.950	ug/L	98
29) Cyclohexane	7.959	56	443884	22.225	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	412776	26.188	ug/L	99
31) Carbon tetrachloride	8.069	117	347802	24.520	ug/L	99
33) Benzene	8.325	78	1125283	25.237	ug/L	100
34) Trichloroethene	9.093	95	283271	24.757	ug/L	99
35) Methylcyclohexane	9.331	83	452117	22.217	ug/L	99
37) 1,2-Dichloropropane	9.368	63	325084	26.610	ug/L	100
38) Bromodichloromethane	9.642	83	386990	27.612	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	478898	26.731	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	472396	59.408	ug/L	99
42) Toluene	10.386	91	1176881	25.831	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	404291	27.235	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	226119	27.670	ug/L	100
46) Tetrachloroethene	10.861	164	192072	23.861	ug/L	91
48) 2-Hexanone	10.965	43	332492	58.368	ug/L	98
49) Dibromochloromethane	11.123	129	235755	27.866	ug/L	88
50) 1,2-Dibromoethane	11.233	107	207508	27.545	ug/L	96
51) Chlorobenzene	11.654	112	754834	26.744	ug/L	97
52) Ethylbenzene	11.727	91	1366935	26.672	ug/L	99
53) m,p-Xylene	11.837	106	494320	26.207	ug/L	99
54) o-Xylene	12.160	106	482422	27.135	ug/L	99
55) Styrene	12.178	104	851189	27.972	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	287692	28.214	ug/L	98
59) Bromoform	12.343	173	131713	27.469	ug/L	97
60) Isopropylbenzene	12.458	105	1316532	26.755	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	213122	27.857	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1090756	27.987	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1001501	27.846	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	547608	25.852	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	568415	26.560	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	500564	26.497	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	49890	28.122	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	361989	25.744	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	303996	25.806	ug/L	97
71) Naphthalene	15.360	128	661384	29.747	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	267318	25.575	ug/L	100

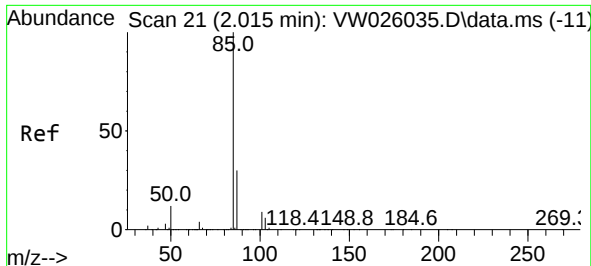
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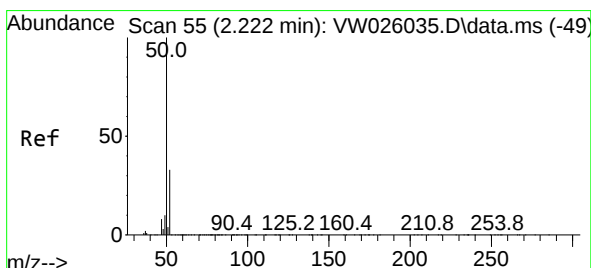
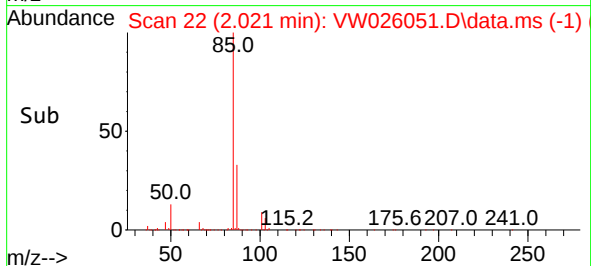
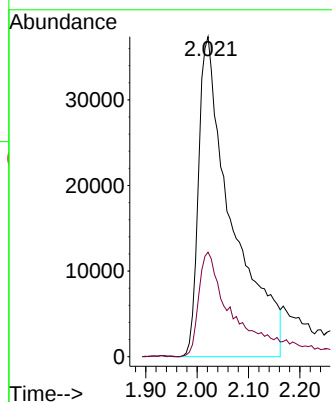
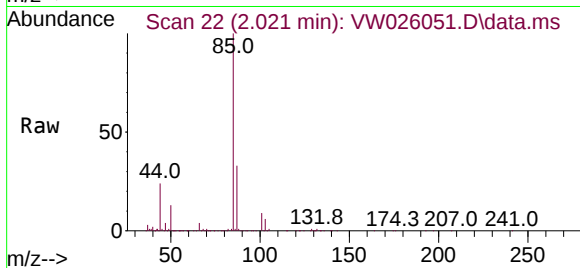




#2
 Dichlorodifluoromethane
 Concen: 21.289 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026051.D
 Acq: 25 May 2023 19:26

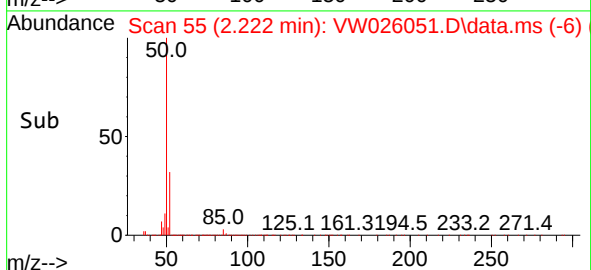
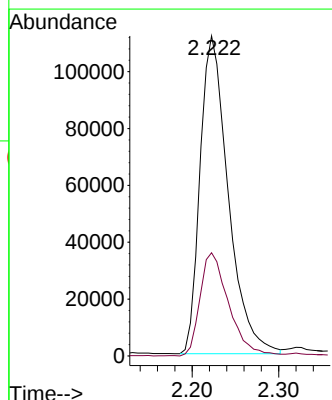
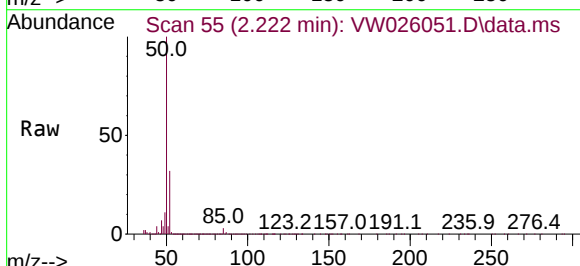
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 ClientSampleId :
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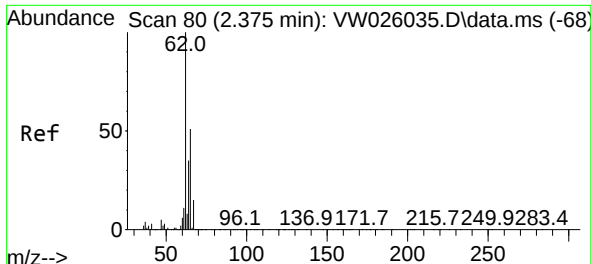
Tgt Ion: 85 Resp: 168462
 Ion Ratio Lower Upper
 85 100
 87 20.7 24.7 37.1#



#3
 Chloromethane
 Concen: 21.675 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026051.D
 Acq: 25 May 2023 19:26

Tgt Ion: 50 Resp: 252892
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.1 41.1

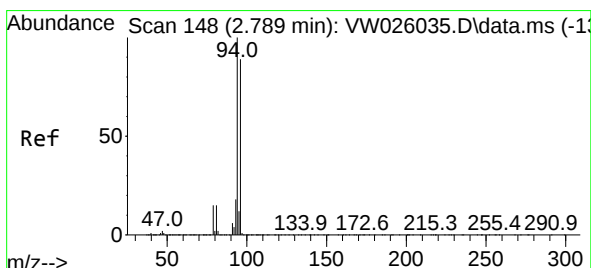
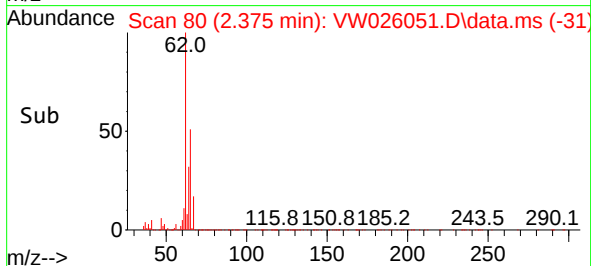
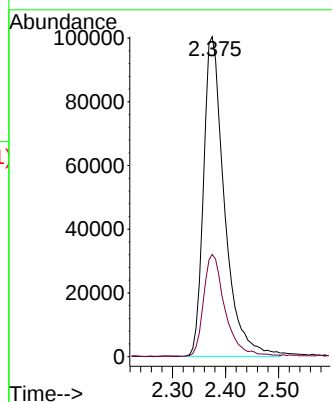
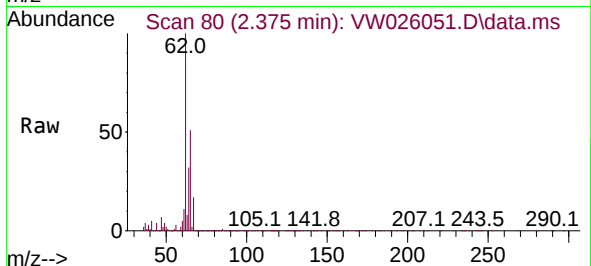




#5
 Vinyl chloride
 Concen: 22.801 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026051.D
 Acq: 25 May 2023 19:26

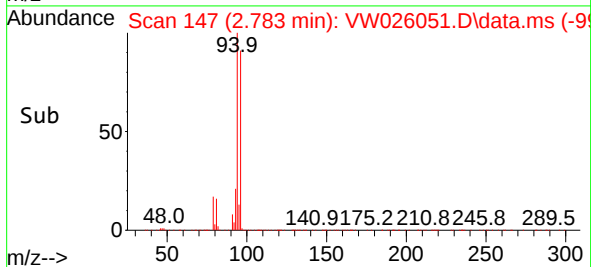
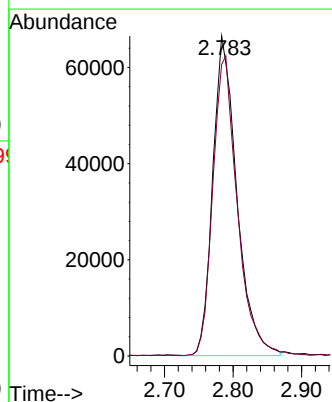
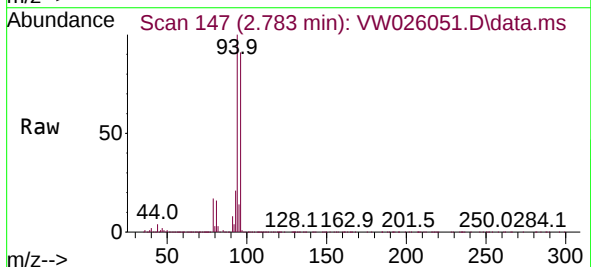
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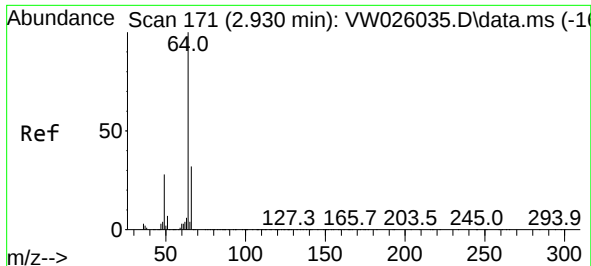
Tgt Ion: 62 Resp: 275367
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.7 42.3



#6
 Bromomethane
 Concen: 24.715 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026051.D
 Acq: 25 May 2023 19:26

Tgt Ion: 94 Resp: 162337
 Ion Ratio Lower Upper
 94 100
 96 91.0 63.1 117.1





#8

Chloroethane

Concen: 25.835 ug/L

RT: 2.930 min Scan# 171

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Instrument :

MSVOA_W

ClientSampleId :

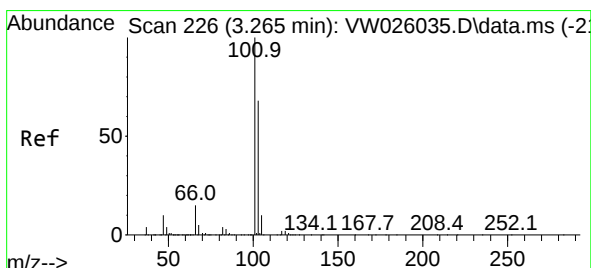
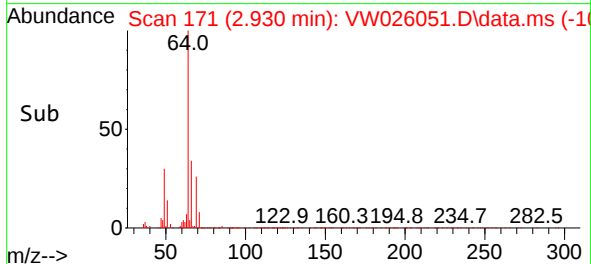
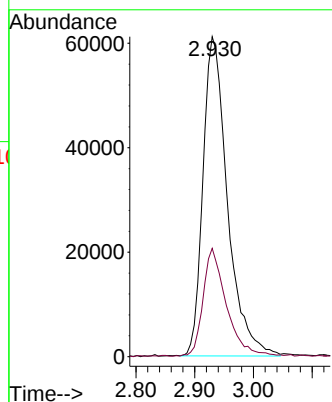
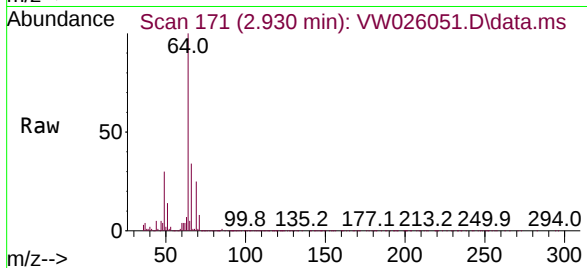
VSTD025499

Tgt Ion: 64 Resp: 177406

Ion Ratio Lower Upper

64 100

66 33.9 22.3 41.3



#9

Trichlorofluoromethane

Concen: 18.433 ug/L

RT: 3.265 min Scan# 226

Delta R.T. 0.000 min

Lab File: VW026051.D

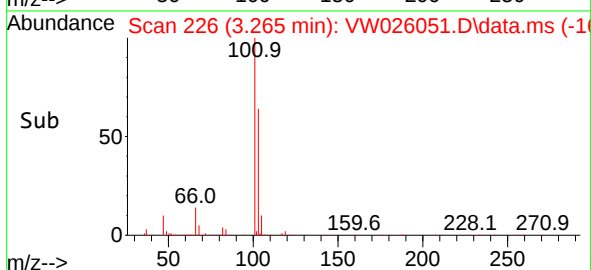
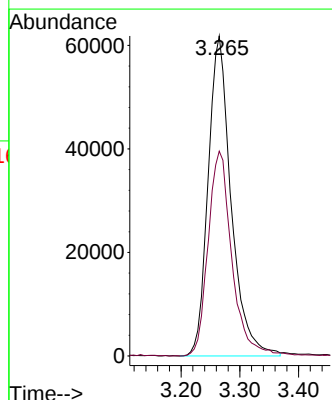
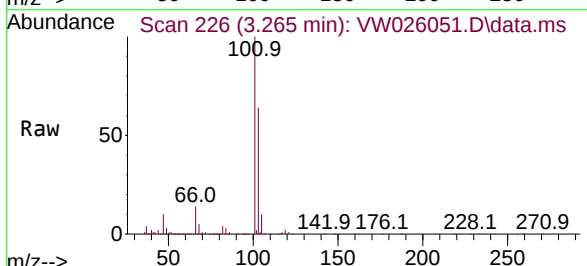
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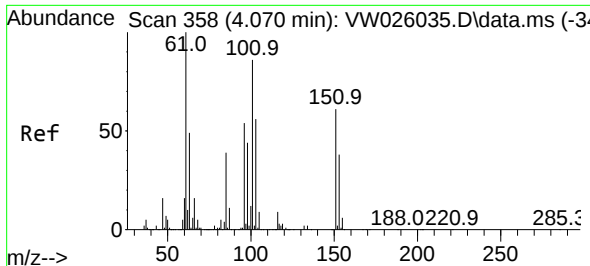
Tgt Ion: 101 Resp: 167996

Ion Ratio Lower Upper

101 100

103 65.2 50.6 76.0

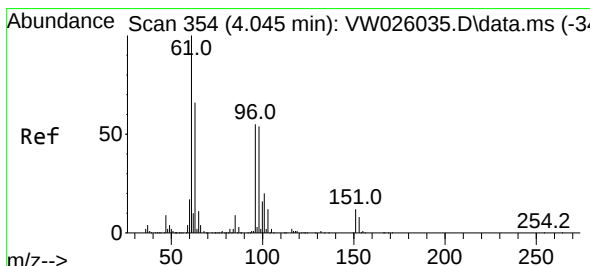
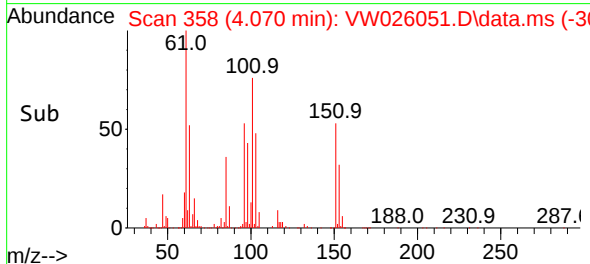
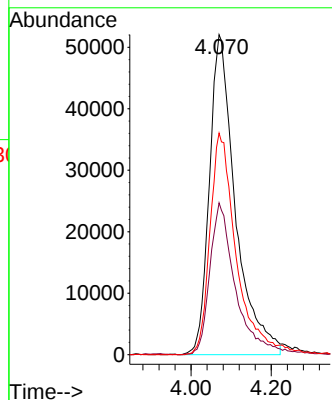
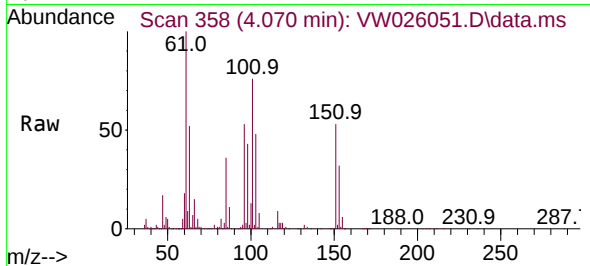




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.643 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026051.D
 Acq: 25 May 2023 19:26

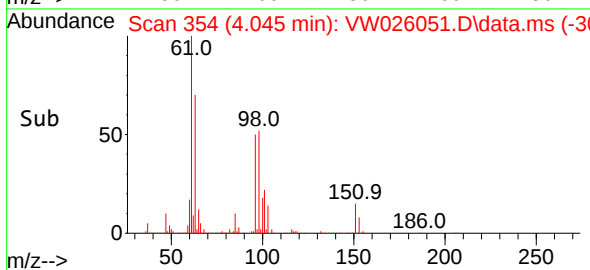
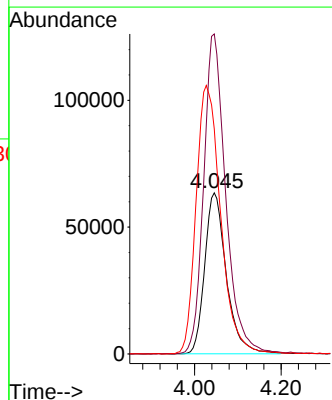
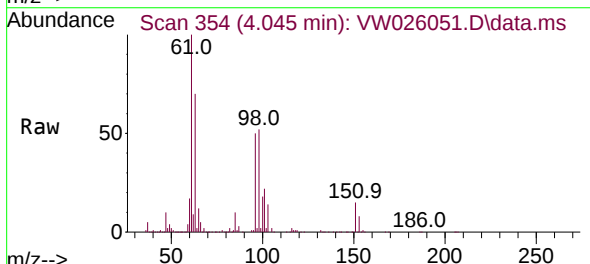
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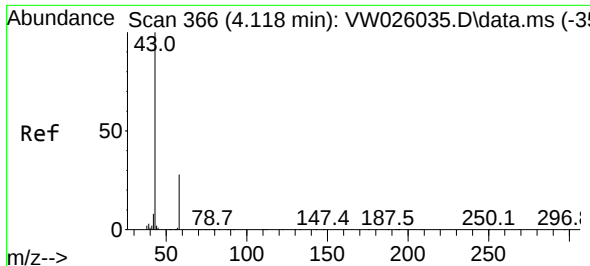
Tgt Ion:101 Resp: 234353
 Ion Ratio Lower Upper
 101 100
 85 45.5 33.9 50.9
 151 68.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.258 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026051.D
 Acq: 25 May 2023 19:26

Tgt Ion: 96 Resp: 220321
 Ion Ratio Lower Upper
 96 100
 61 198.6 135.0 250.8
 63 139.6 104.9 194.7

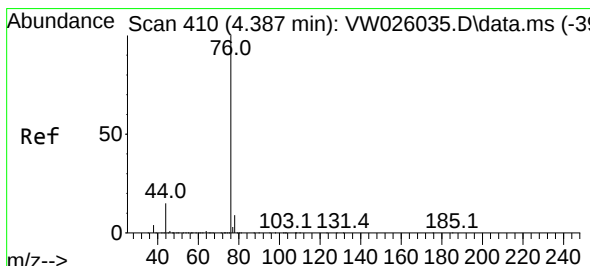
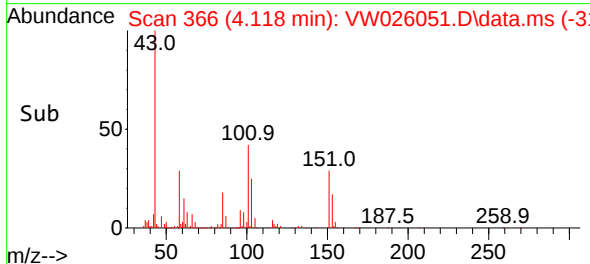
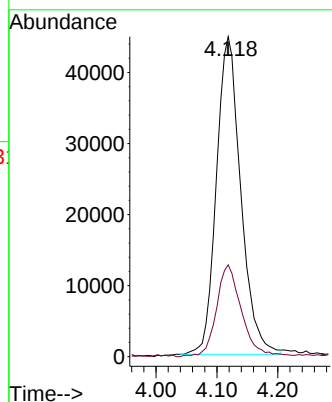
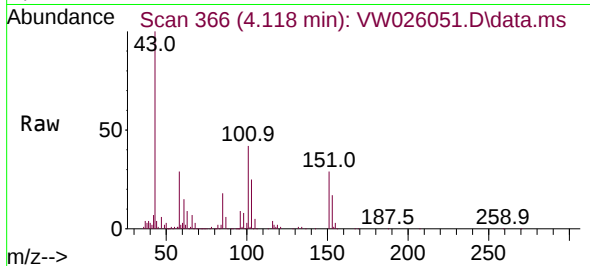




#13
Acetone
Concen: 42.181 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
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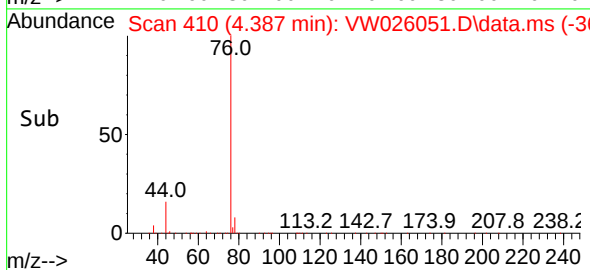
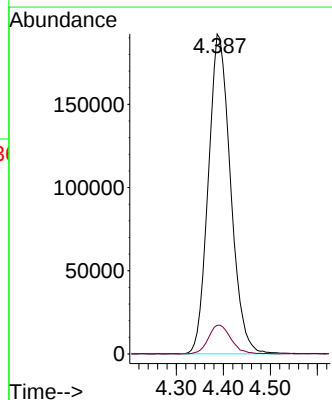
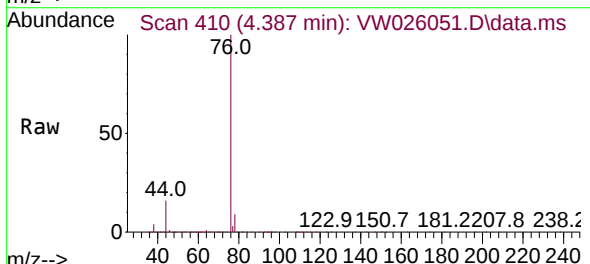
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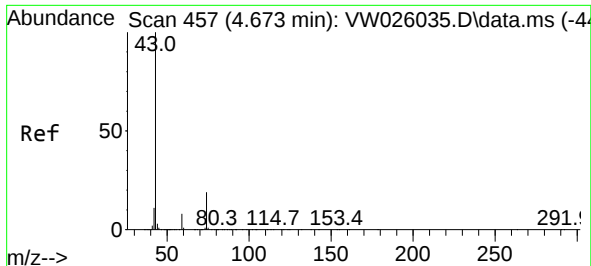
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Ion Ratio Lower Upper
43 100
58 27.5 0.0 58.2



#14
Carbon disulfide
Concen: 19.690 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion: 76 Resp: 630783
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

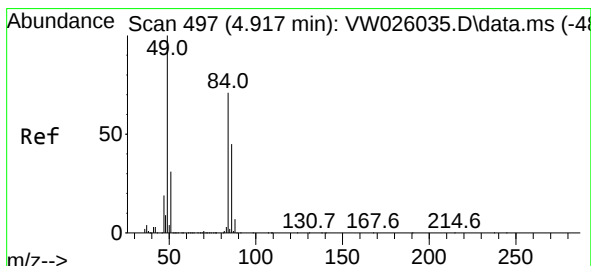
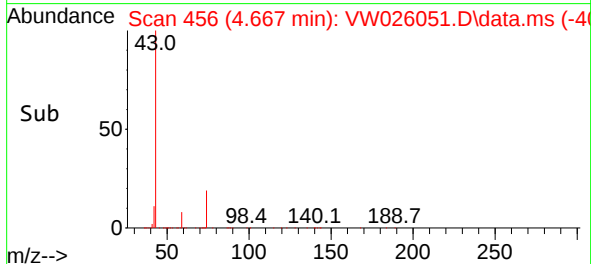
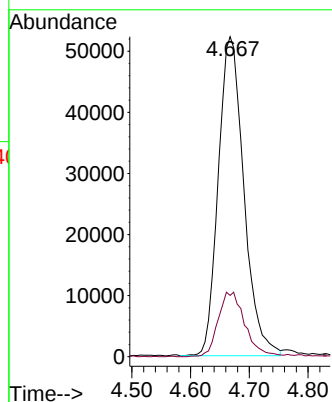
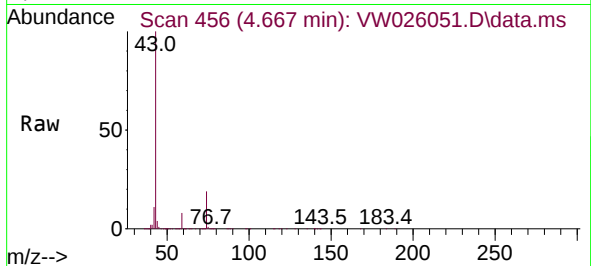




#15
Methyl Acetate
Concen: 27.279 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

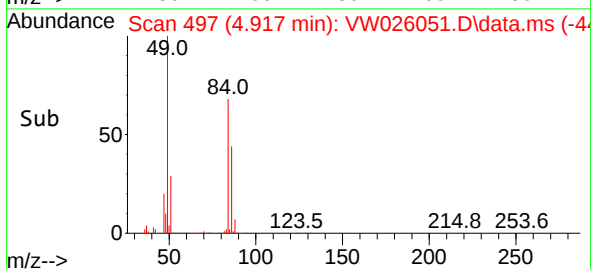
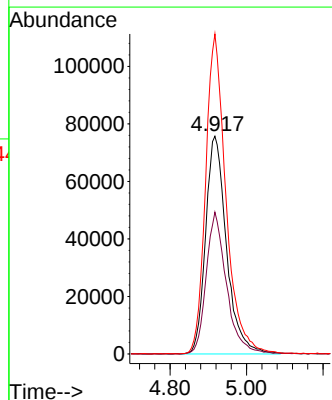
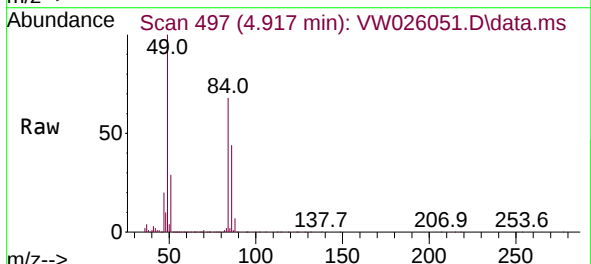
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

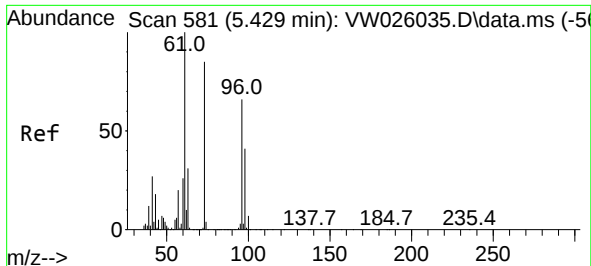
Tgt Ion: 43 Resp: 158166
Ion Ratio Lower Upper
43 100
74 21.0 16.5 24.7



#16
Methylene chloride
Concen: 19.729 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion: 84 Resp: 288194
Ion Ratio Lower Upper
84 100
86 65.1 41.7 77.5
49 146.9 95.3 177.1

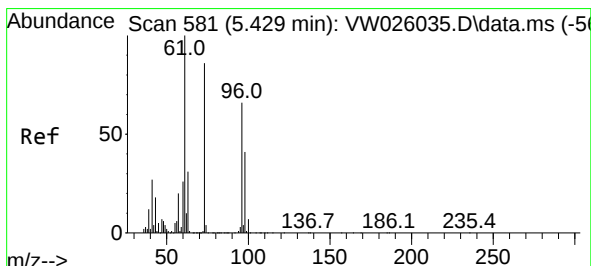
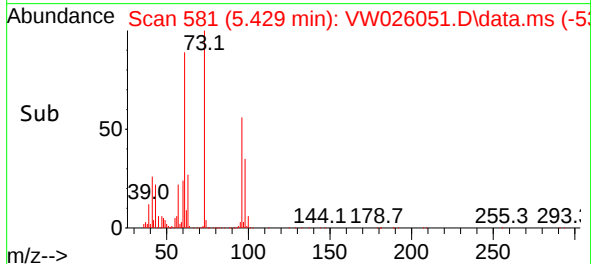
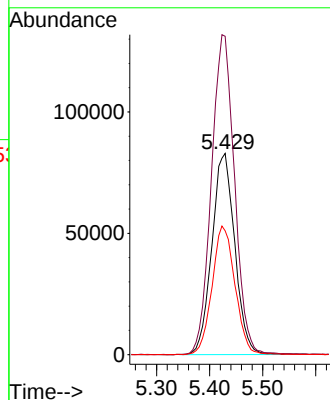
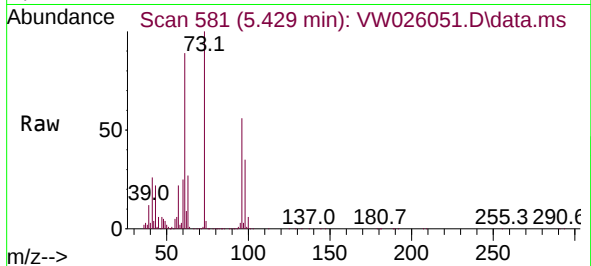




#17
trans-1,2-Dichloroethene
Concen: 24.100 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

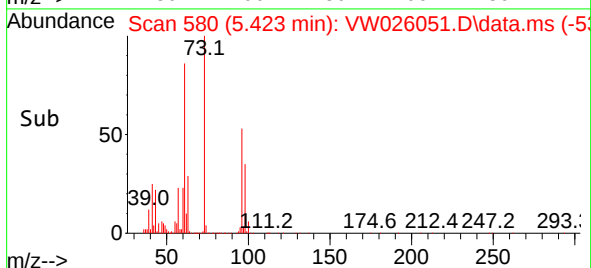
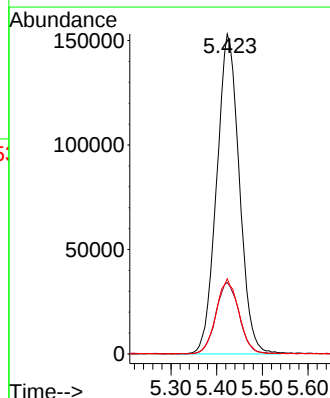
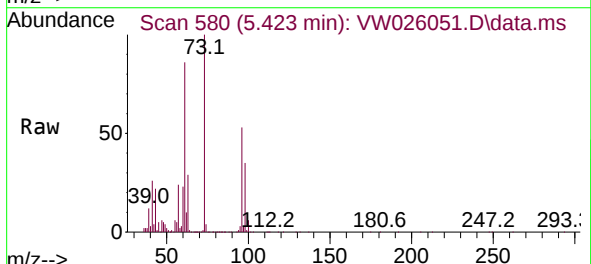
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

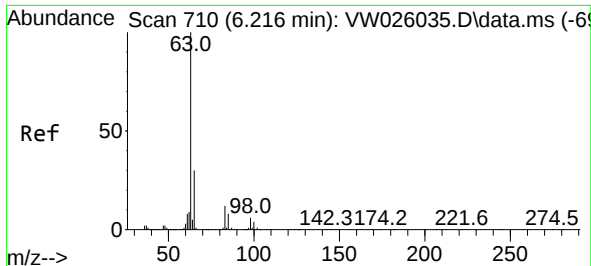
Tgt Ion: 96 Resp: 249051
Ion Ratio Lower Upper
96 100
61 158.2 108.1 200.9
98 61.5 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 33.655 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion: 73 Resp: 527864
Ion Ratio Lower Upper
73 100
43 22.9 18.2 27.4
57 23.4 19.2 28.8





#19

1,1-Dichloroethane

Concen: 26.516 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

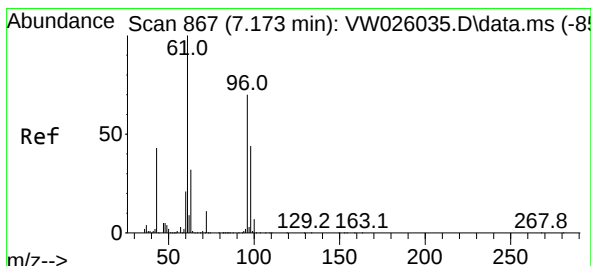
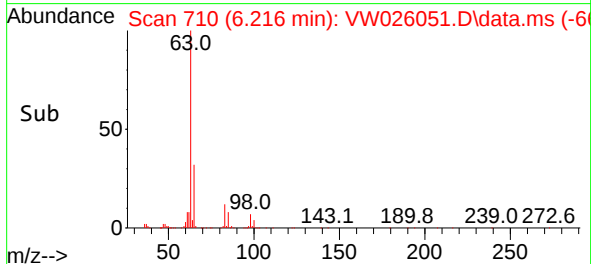
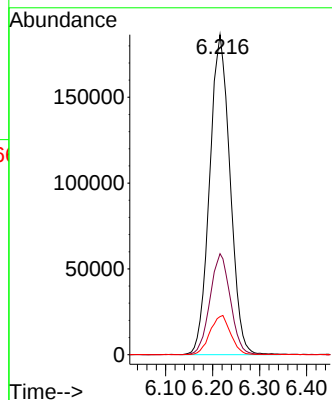
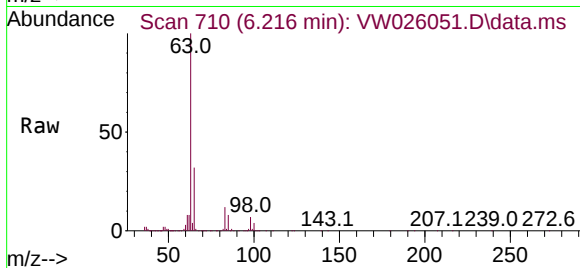
Tgt Ion: 63 Resp: 562986

Ion Ratio Lower Upper

63 100

65 31.6 22.4 41.6

83 11.9 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 26.934 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

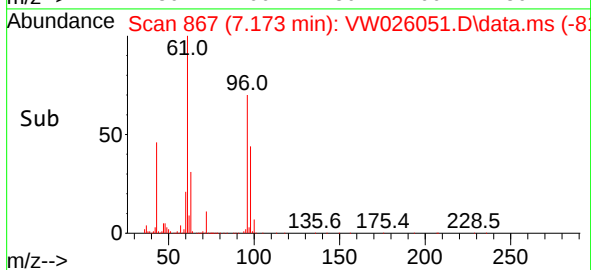
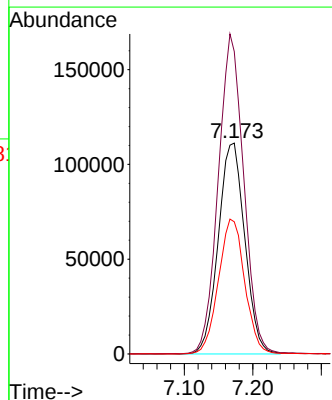
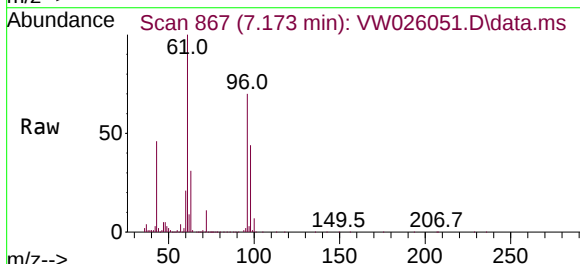
Tgt Ion: 96 Resp: 298614

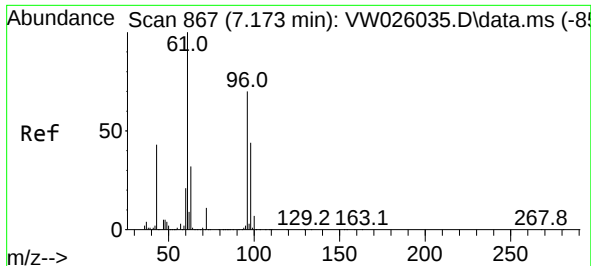
Ion Ratio Lower Upper

96 100

61 143.4 98.6 183.0

98 62.7 45.2 84.0

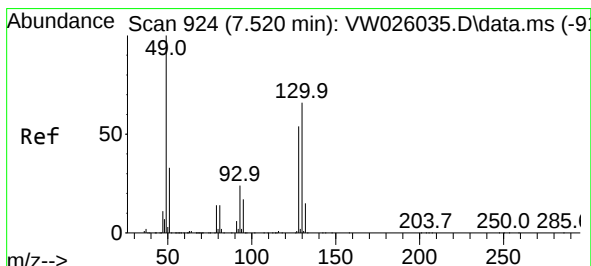
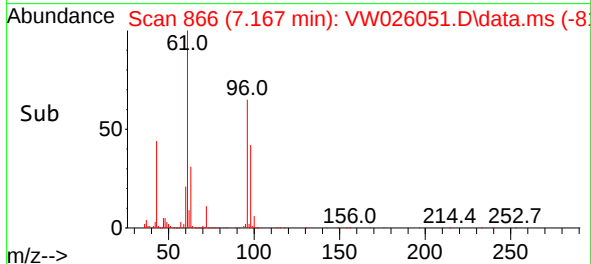
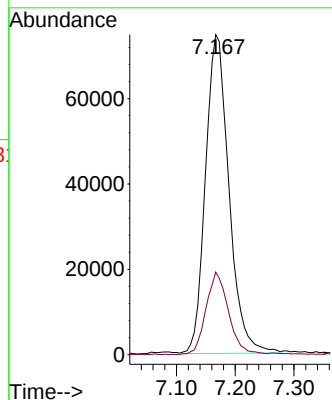
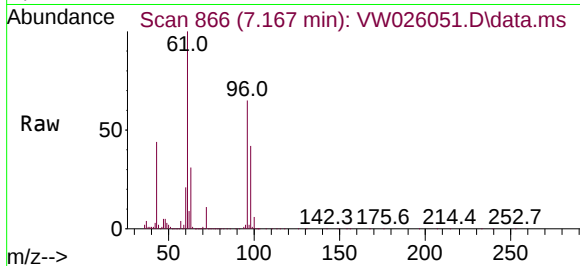




#22
2-Butanone
Concen: 51.075 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

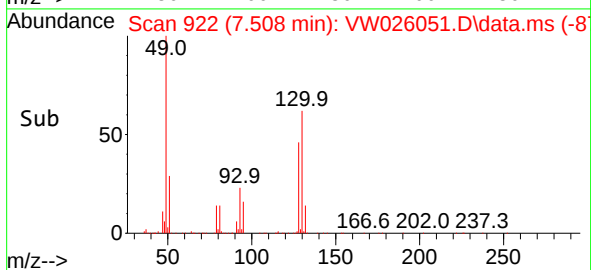
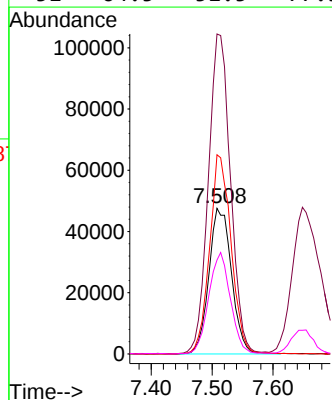
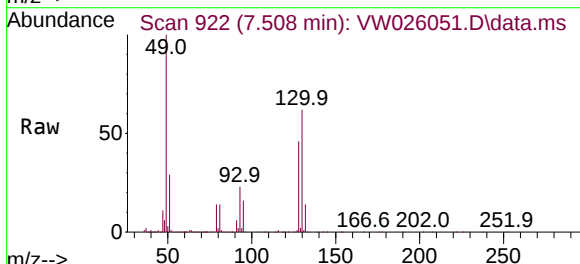
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

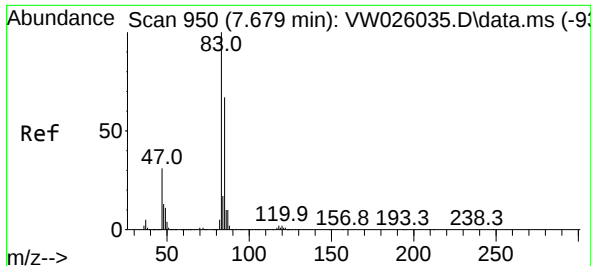
Tgt Ion: 43 Resp: 207501
Ion Ratio Lower Upper
43 100
72 24.6 11.8 35.4



#23
Bromochloromethane
Concen: 26.172 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.012 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion: 128 Resp: 122927
Ion Ratio Lower Upper
128 100
49 219.7 151.5 281.5
130 136.7 91.3 169.6
51 64.5 51.5 77.3

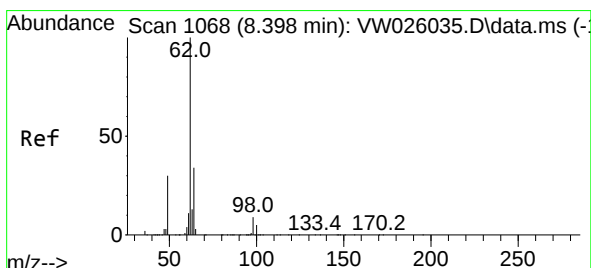
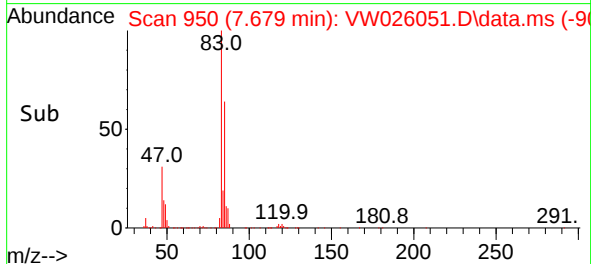
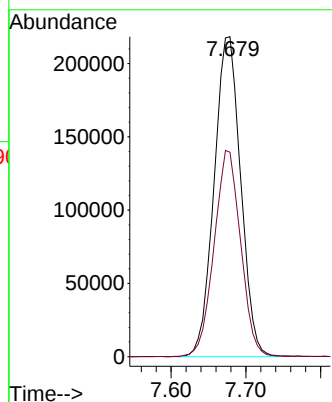
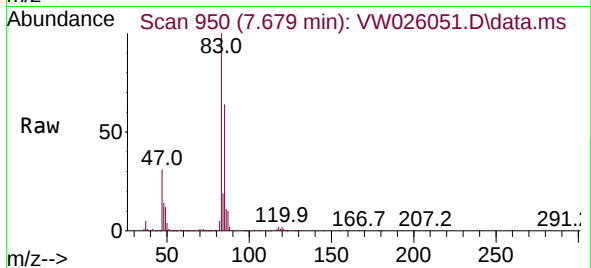




#25
Chloroform
Concen: 27.708 ug/L
RT: 7.679 min Scan# 910
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

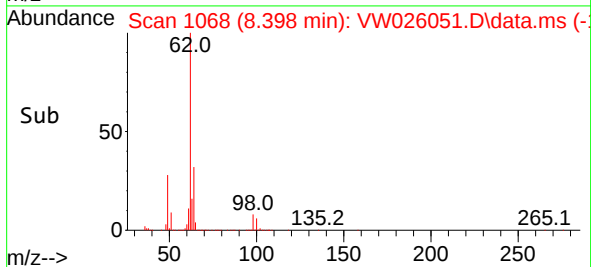
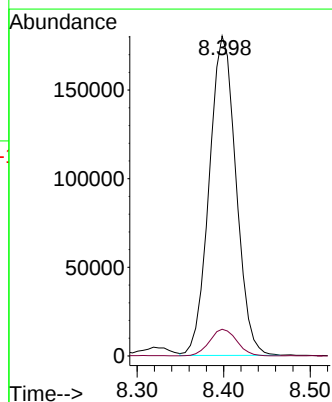
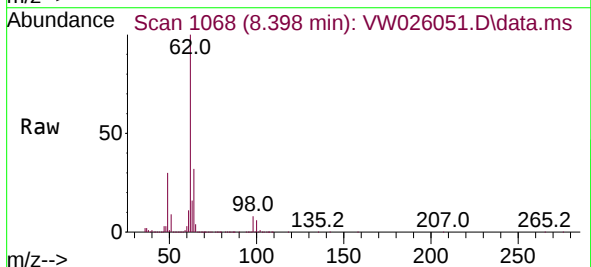
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

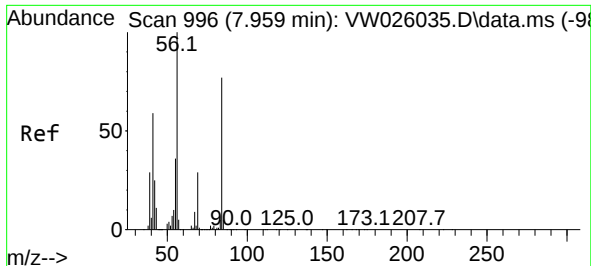
Tgt Ion: 83 Resp: 540710
Ion Ratio Lower Upper
83 100
85 63.9 45.1 83.9



#27
1,2-Dichloroethane
Concen: 27.950 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion: 62 Resp: 387350
Ion Ratio Lower Upper
62 100
98 8.4 7.2 10.8

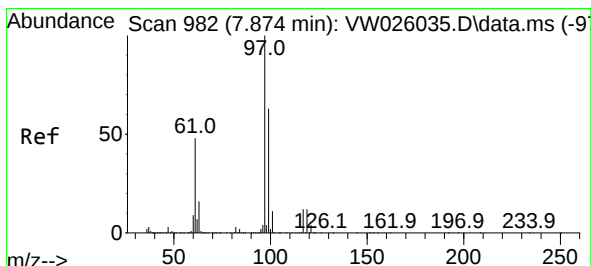
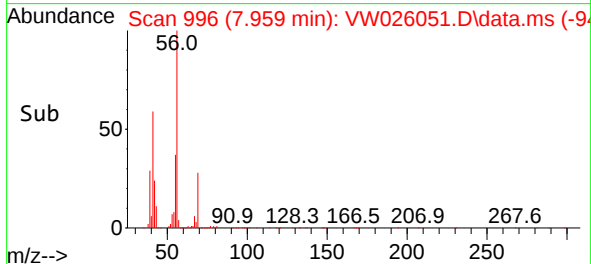
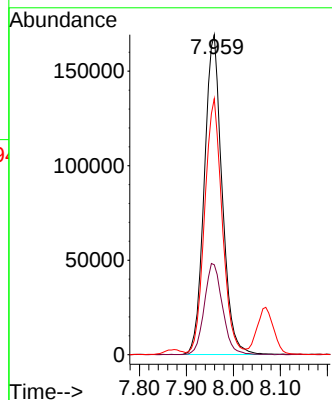
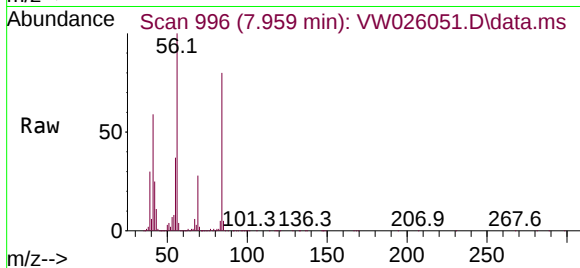




#29
Cyclohexane
Concen: 22.225 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

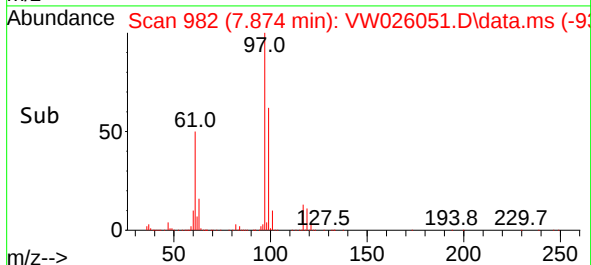
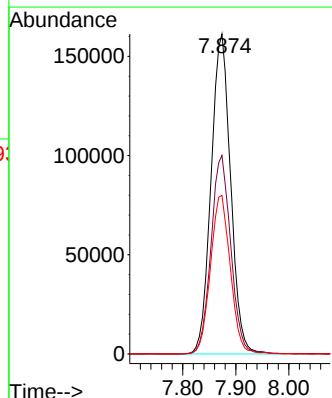
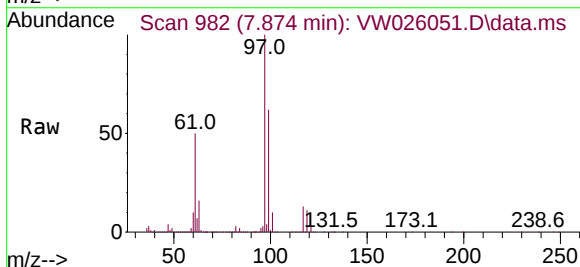
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

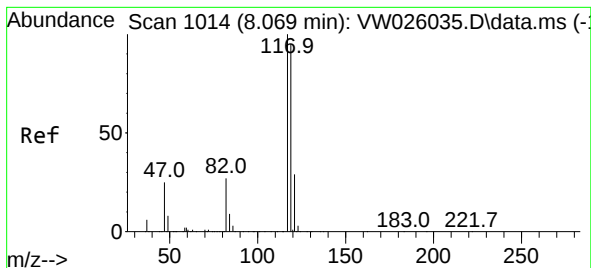
Tgt Ion: 56 Resp: 443884
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.0
84 79.4 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 26.188 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion: 97 Resp: 412776
Ion Ratio Lower Upper
97 100
99 62.7 51.1 76.7
61 50.2 40.4 60.6





#31

Carbon tetrachloride

Concen: 24.520 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Instrument :

MSVOA_W

ClientSampleId :

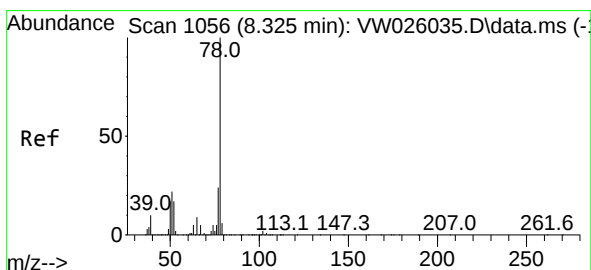
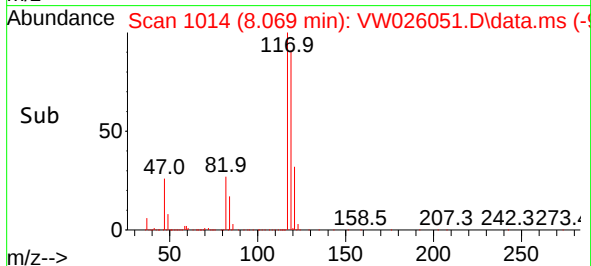
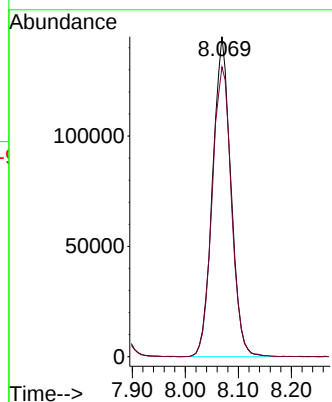
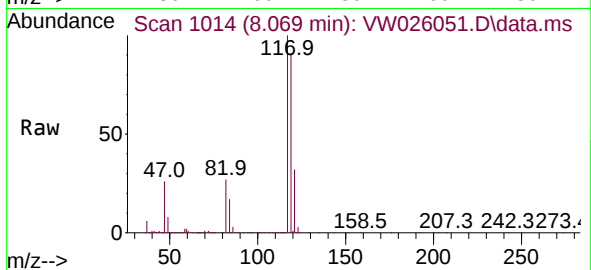
VSTD025499

Tgt Ion:117 Resp: 347802

Ion Ratio Lower Upper

117 100

119 95.3 76.9 115.3



#33

Benzene

Concen: 25.237 ug/L

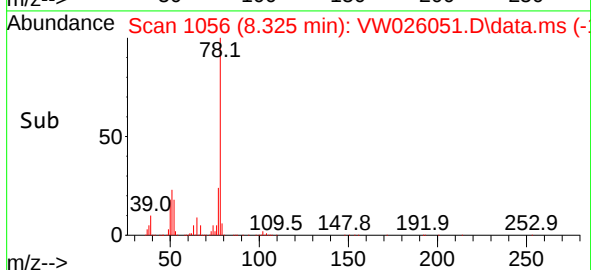
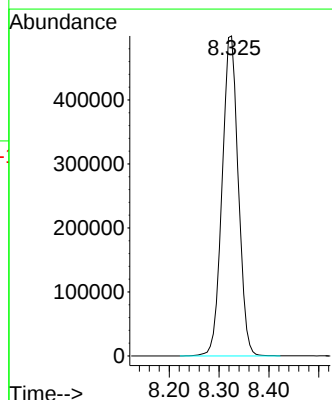
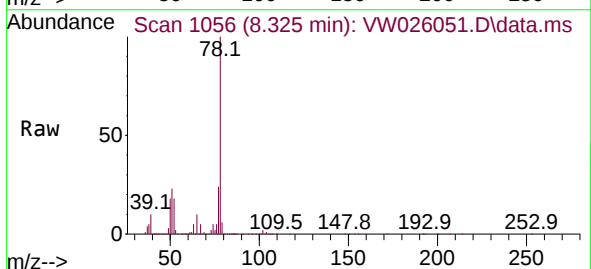
RT: 8.325 min Scan# 1056

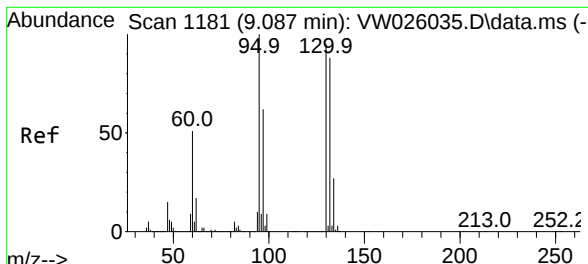
Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Tgt Ion: 78 Resp: 1125283





#34

Trichloroethene

Concen: 24.757 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

Tgt Ion: 95 Resp: 283271

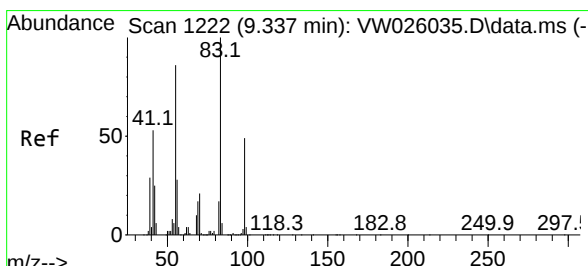
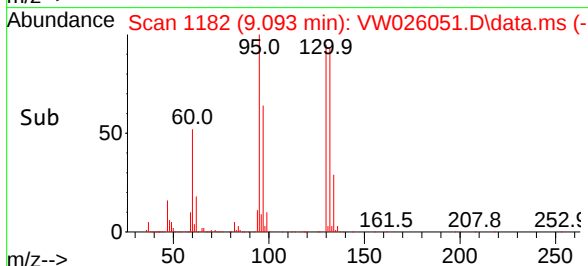
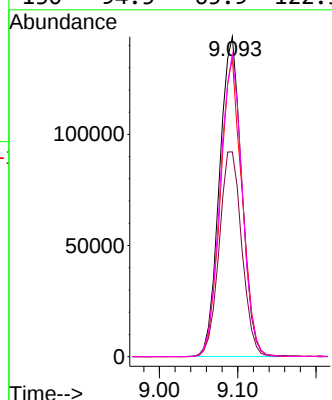
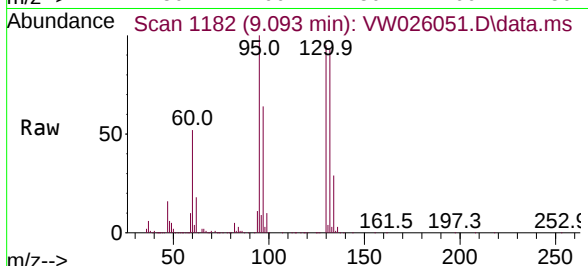
Ion Ratio Lower Upper

95 100

97 64.0 45.9 85.3

132 93.4 66.0 122.6

130 94.5 65.9 122.3



#35

Methylcyclohexane

Concen: 22.217 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

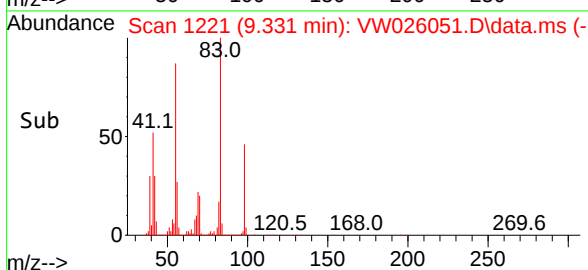
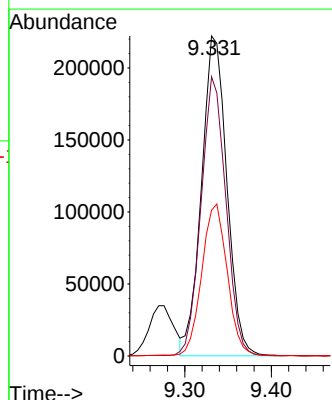
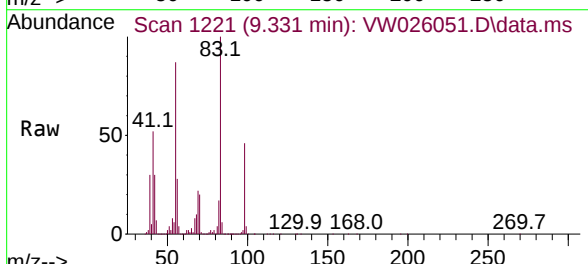
Tgt Ion: 83 Resp: 452117

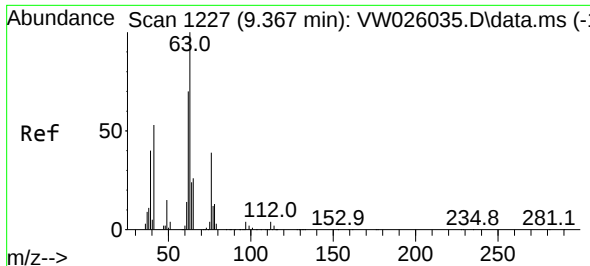
Ion Ratio Lower Upper

83 100

55 85.4 69.0 103.4

98 47.8 37.1 55.7





#37

1,2-Dichloropropane

Concen: 26.610 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Instrument :

MSVOA_W

ClientSampleId :

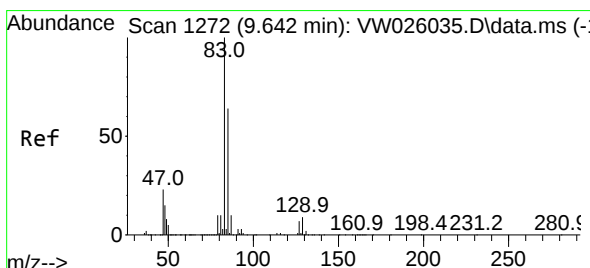
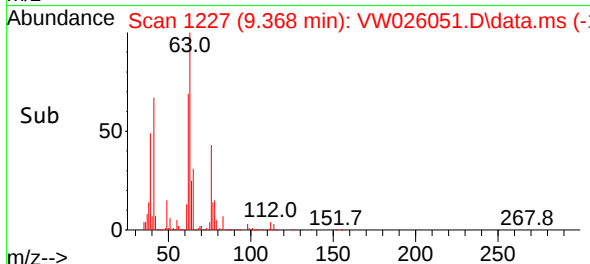
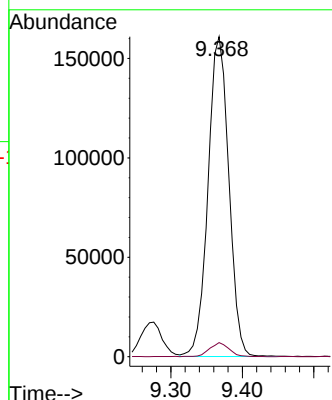
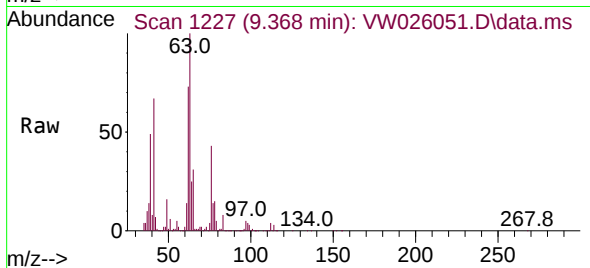
VSTD025499

Tgt Ion: 63 Resp: 325084

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 27.612 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

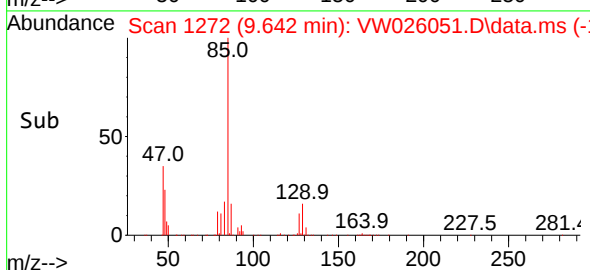
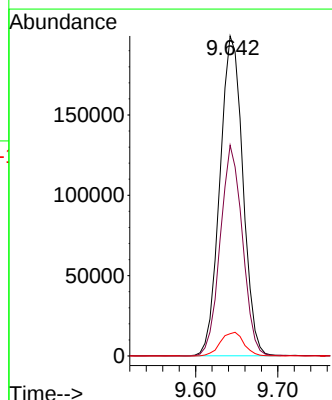
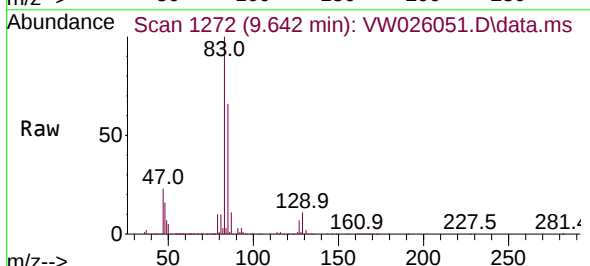
Tgt Ion: 83 Resp: 386990

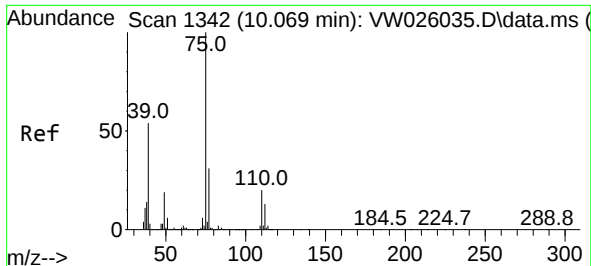
Ion Ratio Lower Upper

83 100

85 65.9 44.4 82.5

127 7.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 26.731 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Instrument :

MSVOA_W

ClientSampleId :

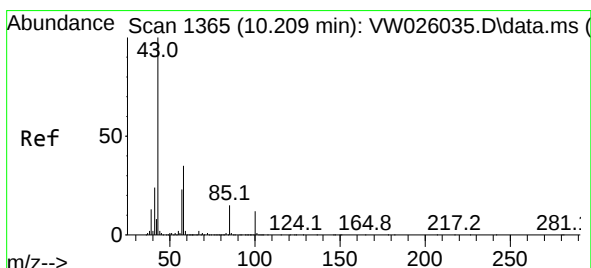
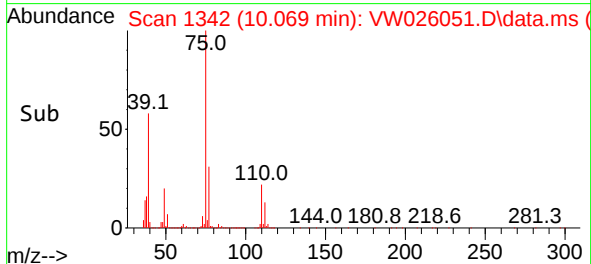
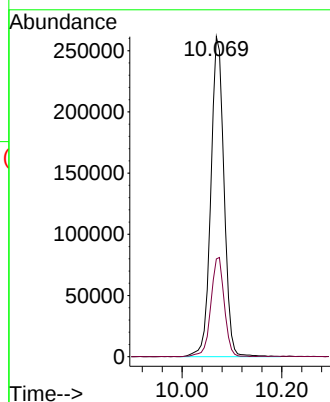
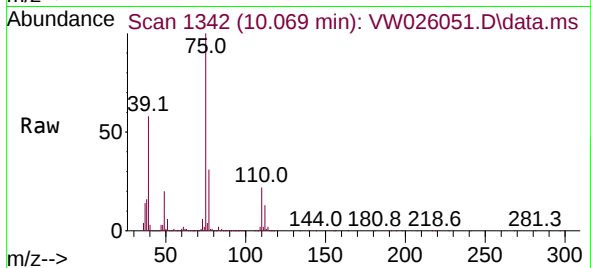
VSTD025499

Tgt Ion: 75 Resp: 478898

Ion Ratio Lower Upper

75 100

77 30.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 59.408 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

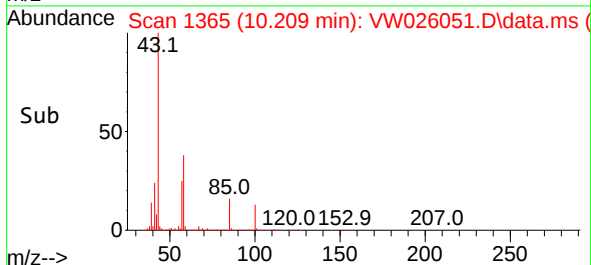
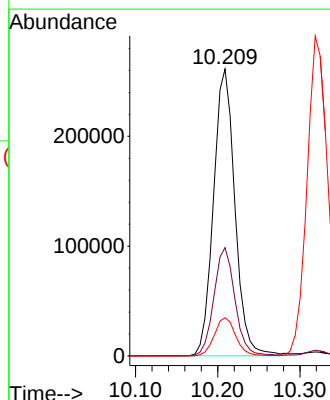
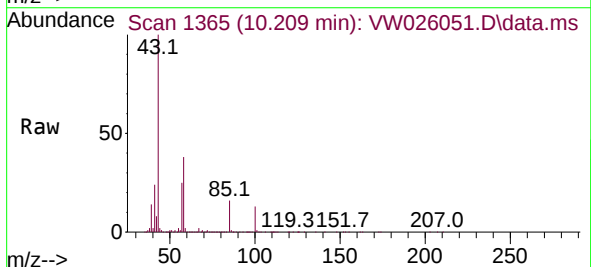
Tgt Ion: 43 Resp: 472396

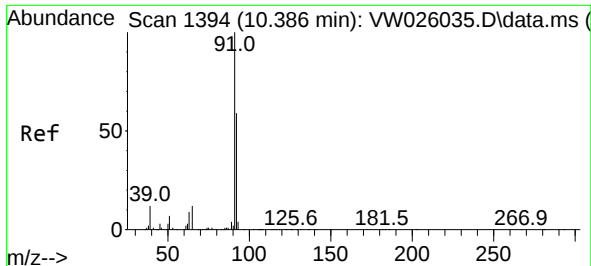
Ion Ratio Lower Upper

43 100

58 37.1 29.4 44.0

100 13.4 10.1 15.1

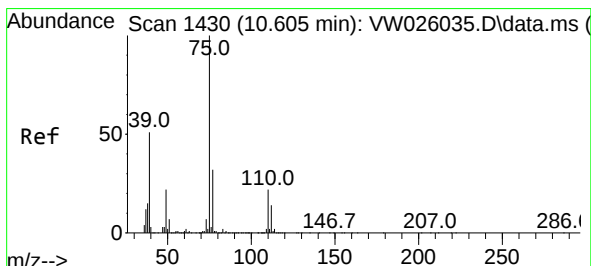
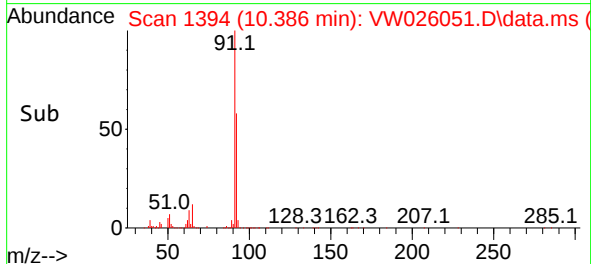
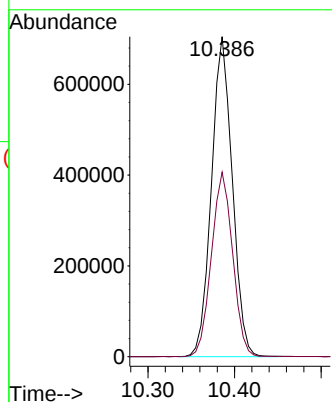
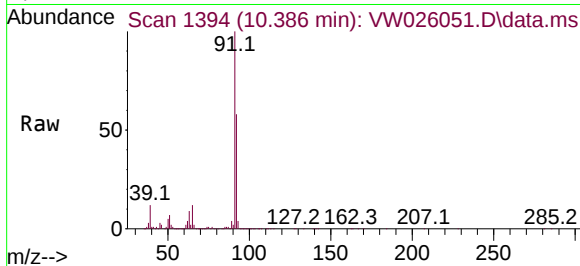




#42
Toluene
Concen: 25.831 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

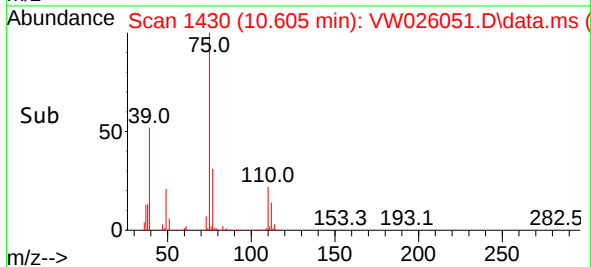
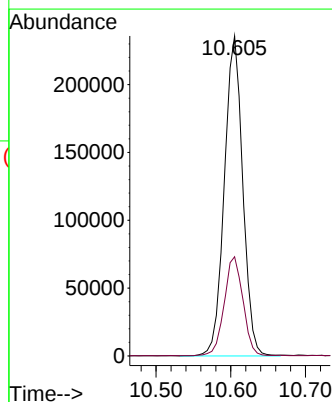
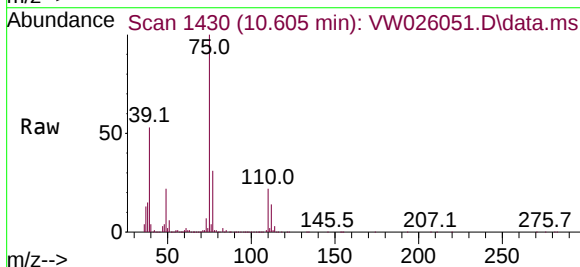
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

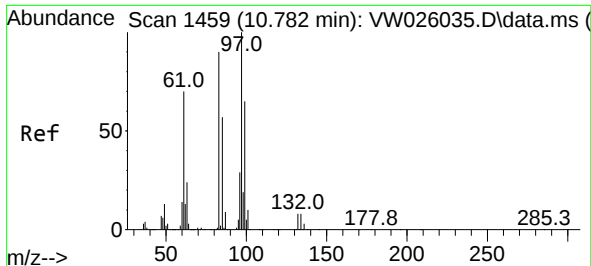
Tgt Ion: 91 Resp: 1176881
Ion Ratio Lower Upper
91 100
92 57.7 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 27.235 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion: 75 Resp: 404291
Ion Ratio Lower Upper
75 100
77 31.0 21.8 40.4

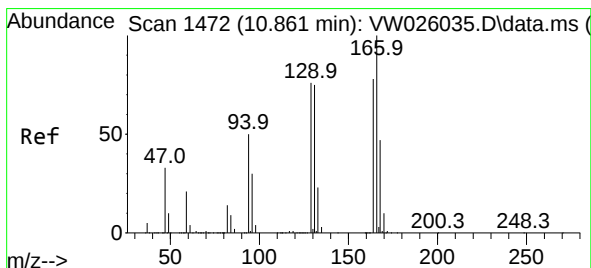
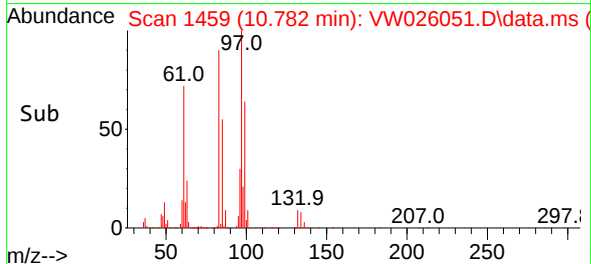
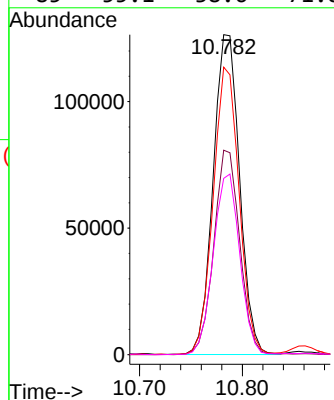
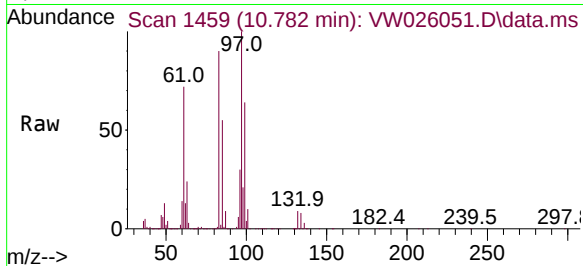




#45
1,1,2-Trichloroethane
Concen: 27.670 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

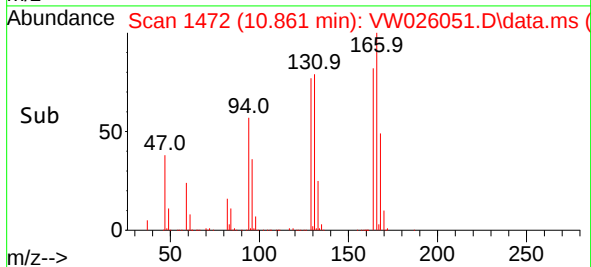
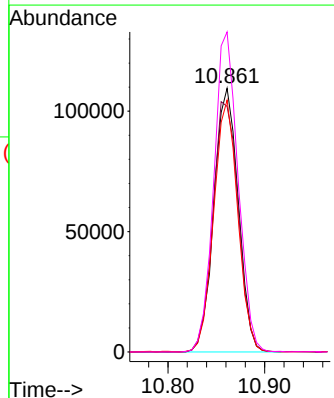
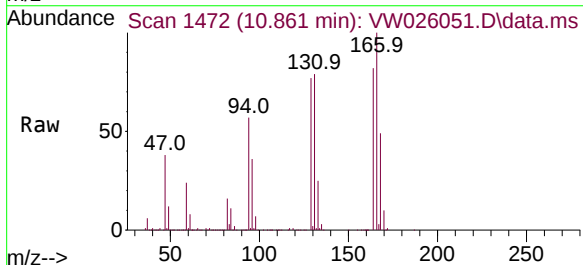
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

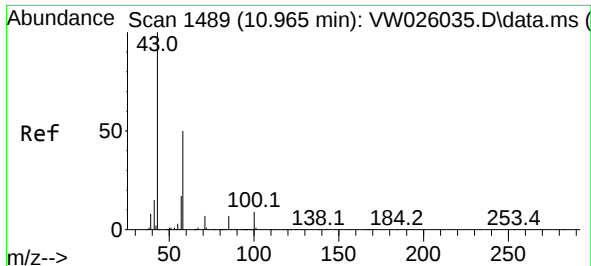
Tgt Ion: 97	Resp: 226119
Ion Ratio	Lower Upper
97 100	
99 63.9	44.5 82.7
83 89.9	63.0 117.0
85 55.1	38.6 71.8



#46
Tetrachloroethene
Concen: 23.861 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt	Ion:164	Resp:	192072
Ion	Ratio	Lower	Upper
164	100		
129	93.1	74.3	138.1
131	95.5	71.3	132.3
166	121.3	91.5	169.9

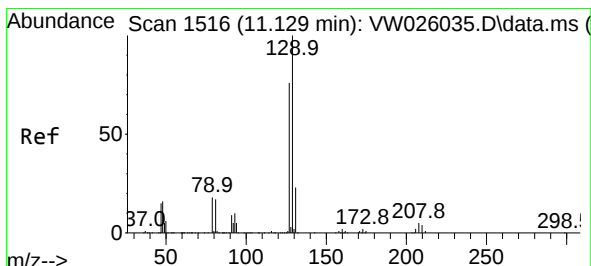
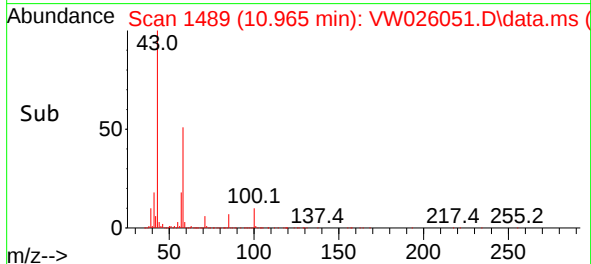
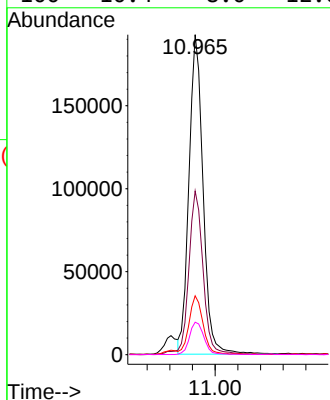
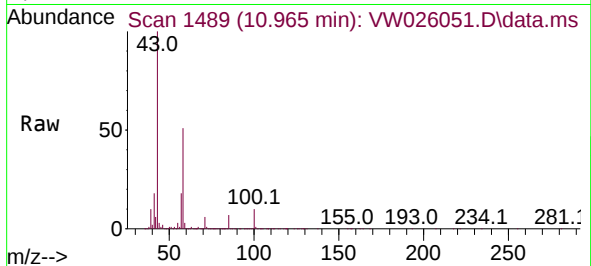




#48
2-Hexanone
Concen: 58.368 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

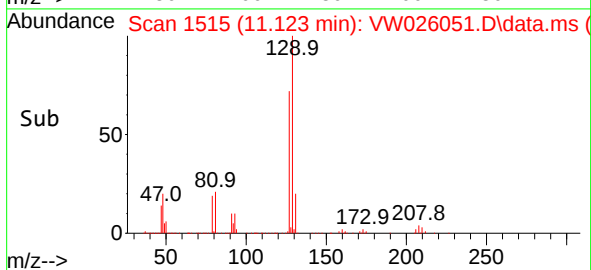
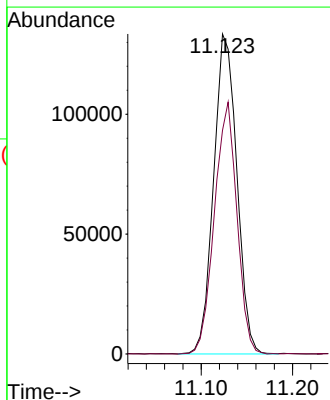
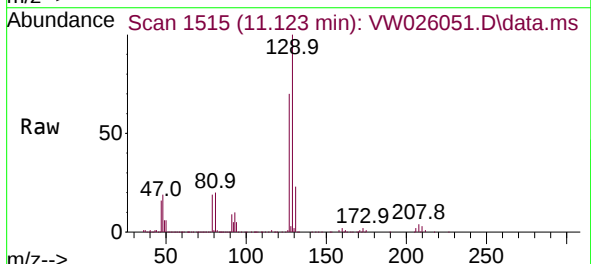
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

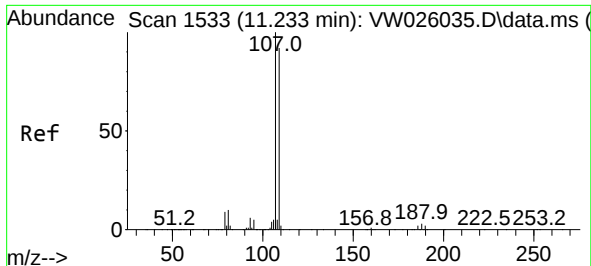
Tgt Ion: 43 Resp: 332492
Ion Ratio Lower Upper
43 100
58 52.1 40.8 61.2
57 18.1 13.6 20.4
100 10.4 8.0 12.0



#49
Dibromochloromethane
Concen: 27.866 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion: 129 Resp: 235755
Ion Ratio Lower Upper
129 100
127 69.9 56.1 104.3

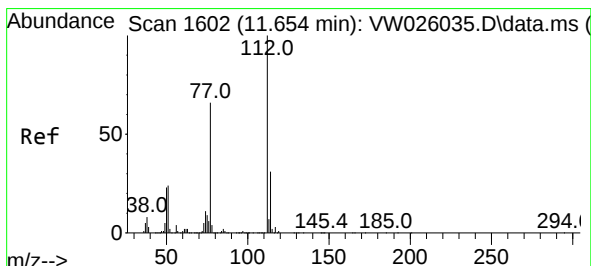
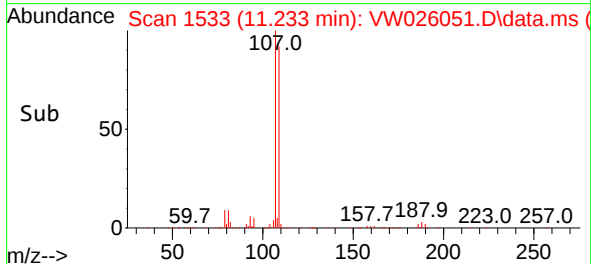
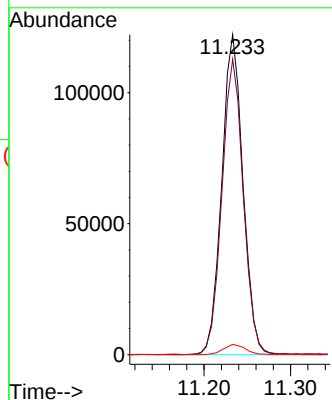
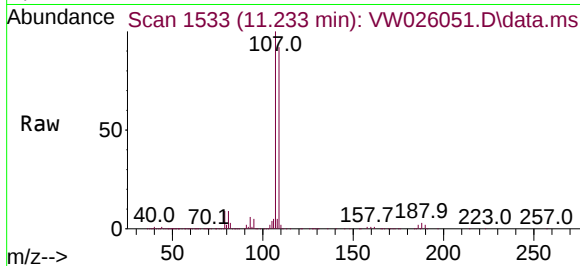




#50
1,2-Dibromoethane
Concen: 27.545 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

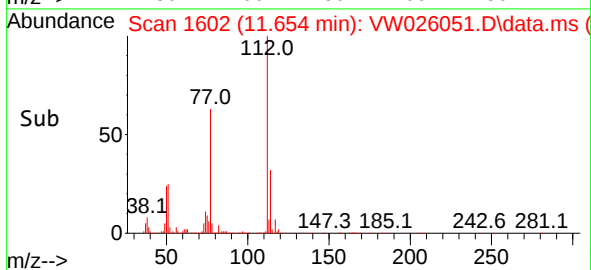
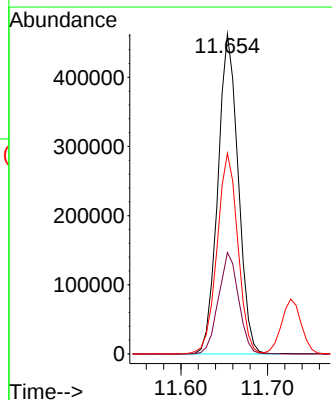
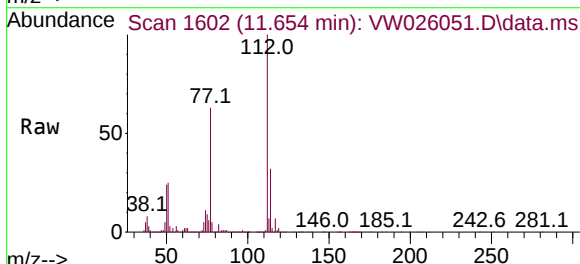
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

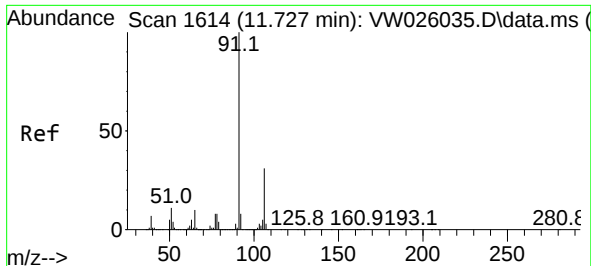
Tgt Ion:	107	Resp:	207508
Ion	Ratio	Lower	Upper
107	100		
109	92.3	67.5	125.4
188	3.3	2.6	4.0



#51
Chlorobenzene
Concen: 26.744 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion:	112	Resp:	754834
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.7	42.3
77	62.7	53.0	79.6

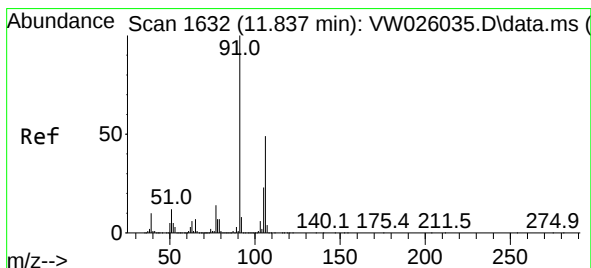
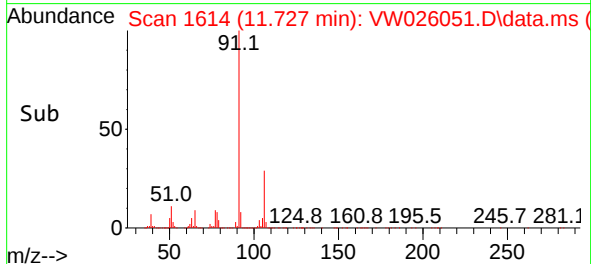
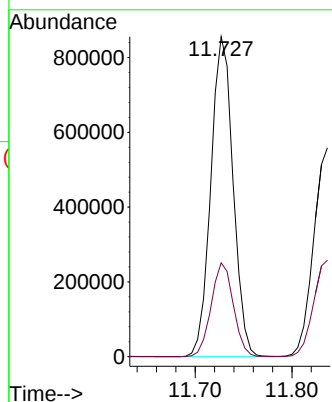
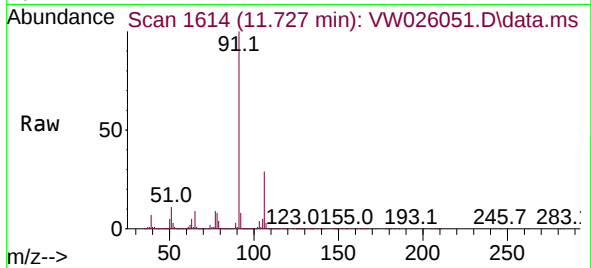




#52
Ethylbenzene
Concen: 26.672 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

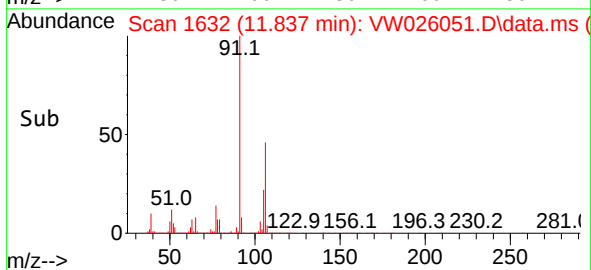
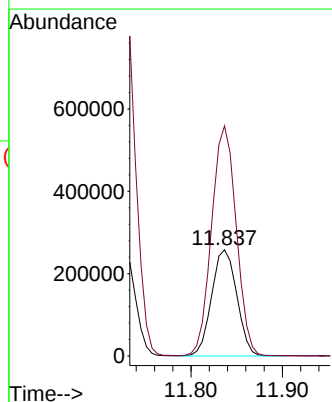
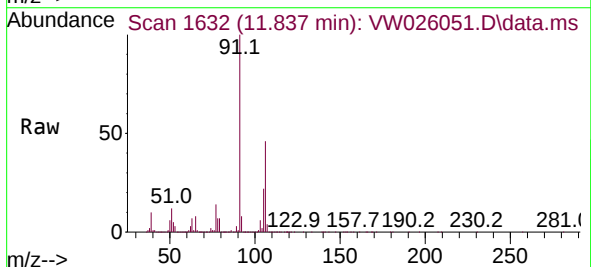
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

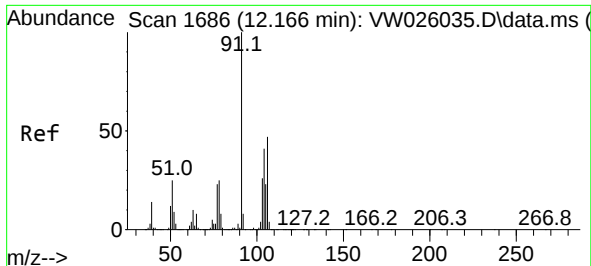
Tgt Ion: 91 Resp: 1366935
Ion Ratio Lower Upper
91 100
106 29.4 20.8 38.6



#53
m,p-Xylene
Concen: 26.207 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion: 106 Resp: 494320
Ion Ratio Lower Upper
106 100
91 216.6 150.1 278.9

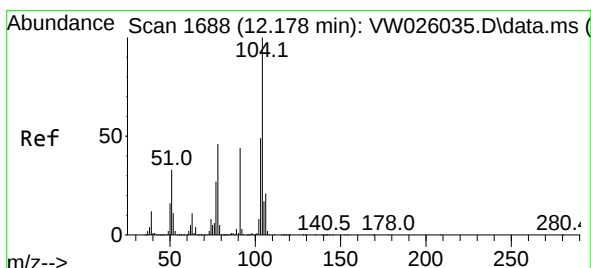
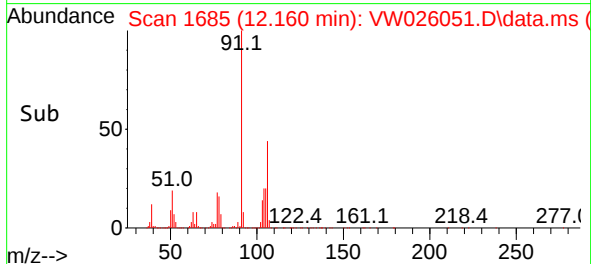
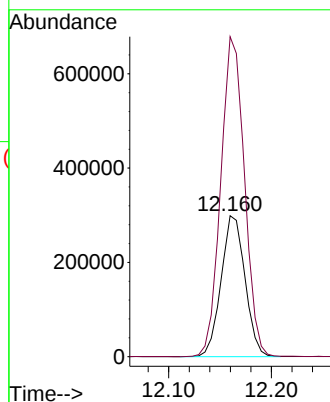
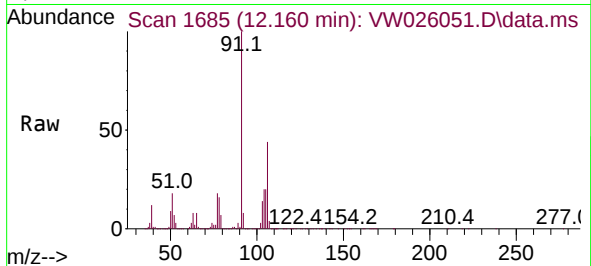




#54
o-Xylene
Concen: 27.135 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

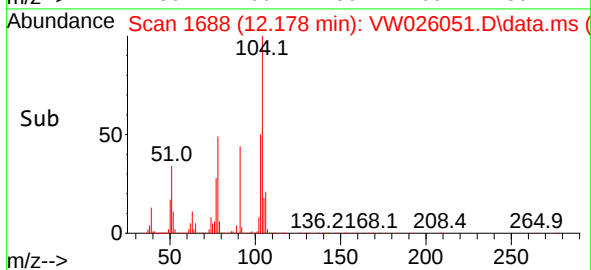
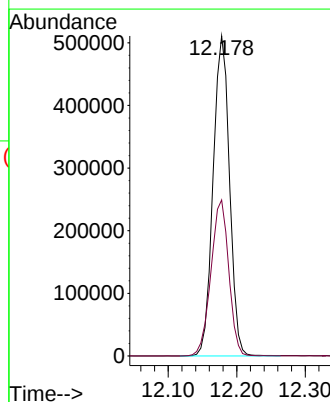
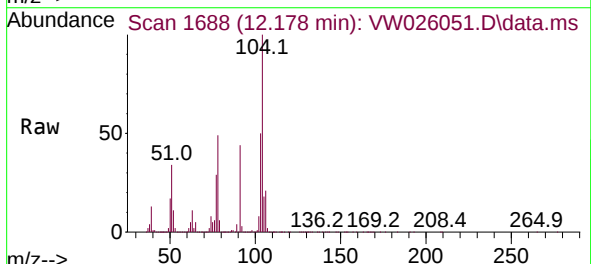
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

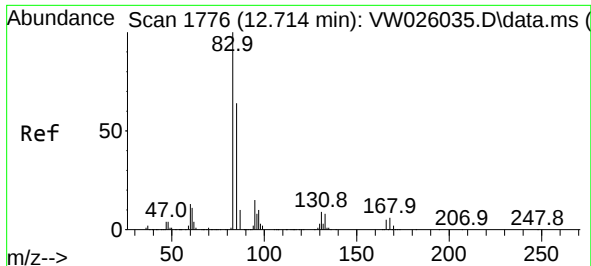
Tgt Ion:106 Resp: 482422
Ion Ratio Lower Upper
106 100
91 227.0 157.8 293.1



#55
Styrene
Concen: 27.972 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion:104 Resp: 851189
Ion Ratio Lower Upper
104 100
78 48.7 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.214 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

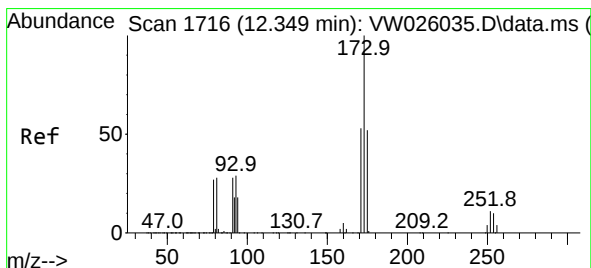
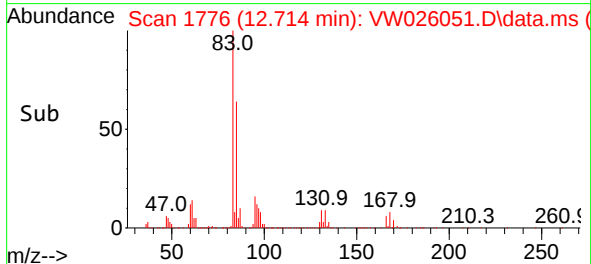
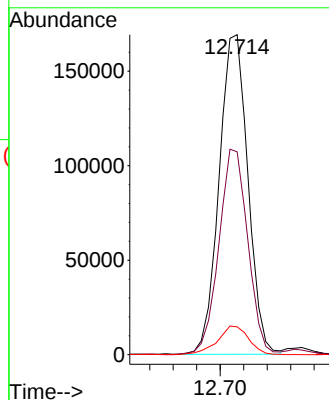
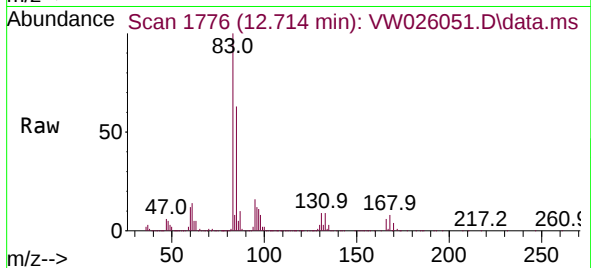
Tgt Ion: 83 Resp: 287692

Ion Ratio Lower Upper

83 100

85 63.4 45.6 84.8

131 8.7 8.1 12.1



#59

Bromoform

Concen: 27.469 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

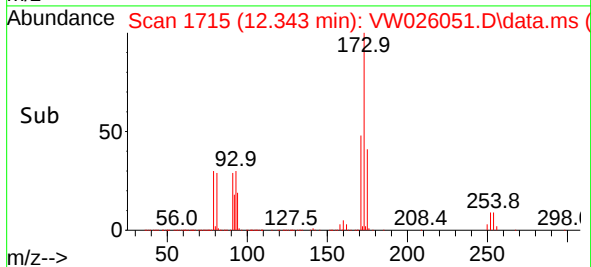
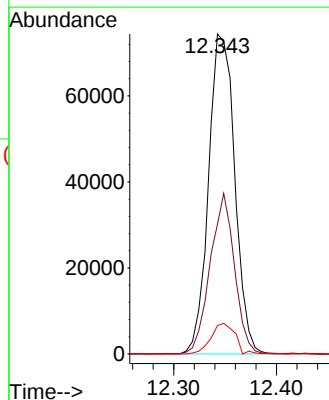
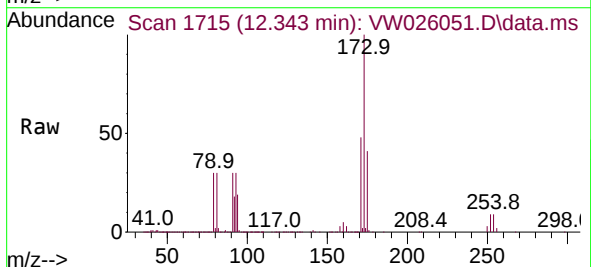
Tgt Ion:173 Resp: 131713

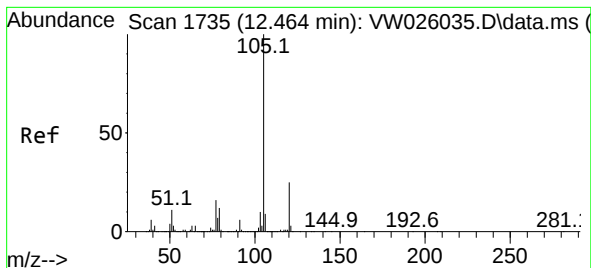
Ion Ratio Lower Upper

173 100

175 46.5 38.6 57.8

254 8.5 7.6 11.4





#60

Isopropylbenzene

Concen: 26.755 ug/L

RT: 12.458 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

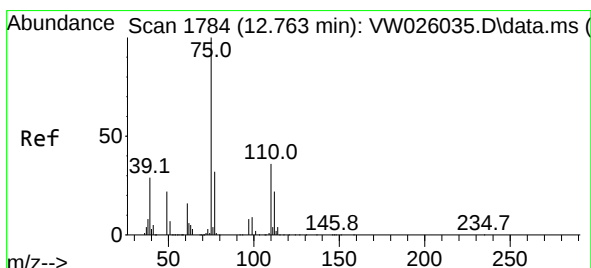
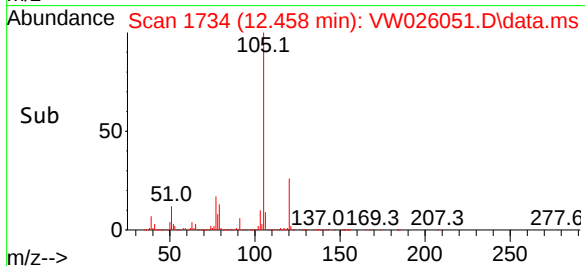
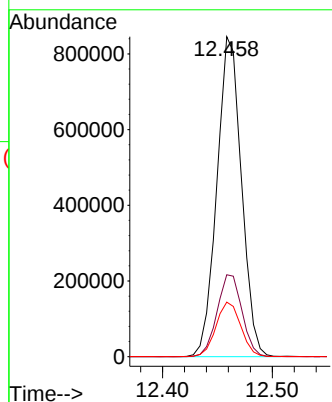
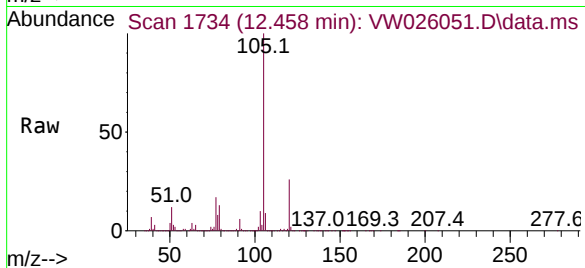
Tgt Ion:105 Resp: 1316532

Ion Ratio Lower Upper

105 100

120 25.9 21.1 31.7

77 17.2 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 27.857 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

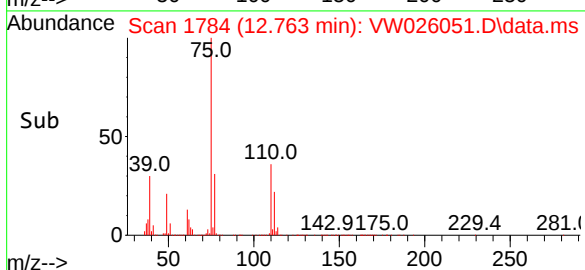
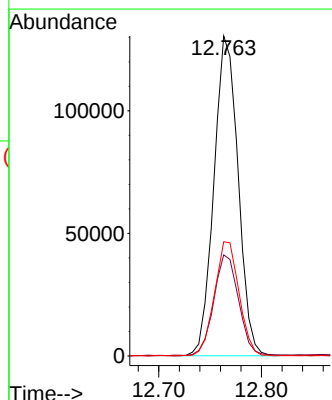
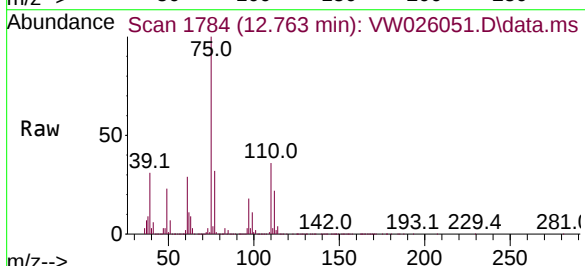
Tgt Ion: 75 Resp: 213122

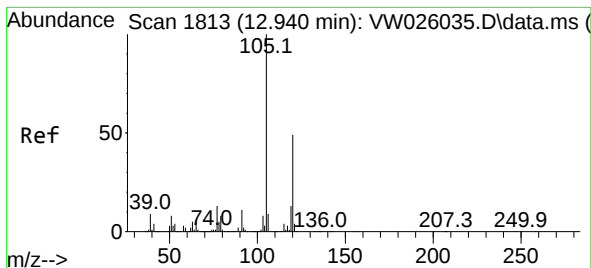
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

110 36.3 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 27.987 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Instrument :

MSVOA_W

ClientSampleId :

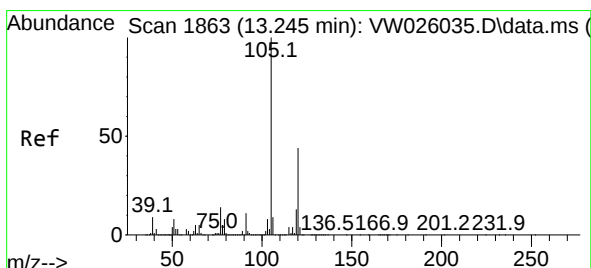
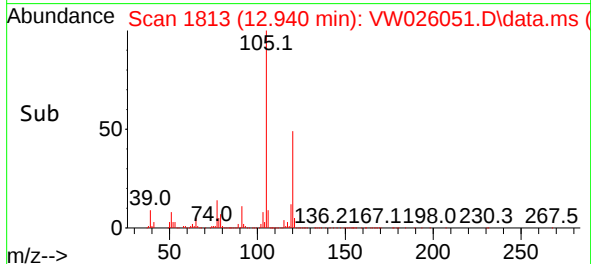
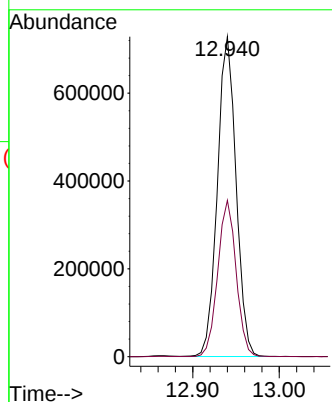
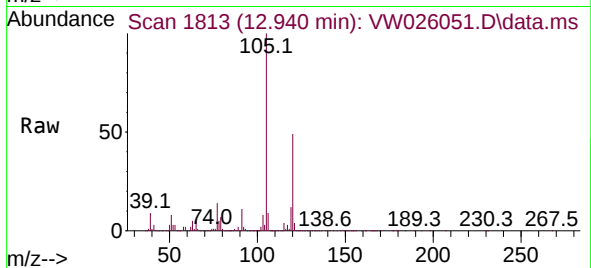
VSTD025499

Tgt Ion:105 Resp: 1090756

Ion Ratio Lower Upper

105 100

120 48.2 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 27.846 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026051.D

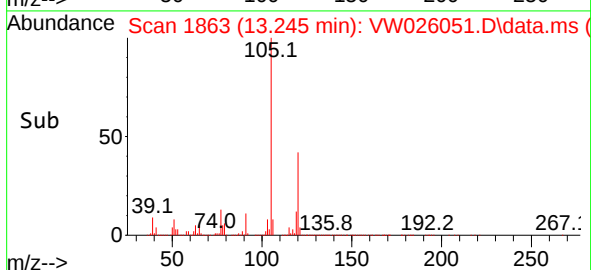
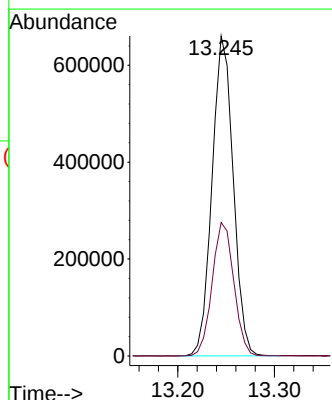
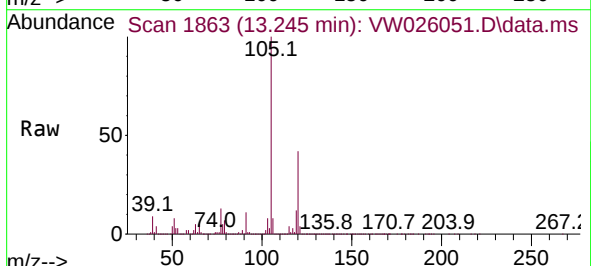
Acq: 25 May 2023 19:26

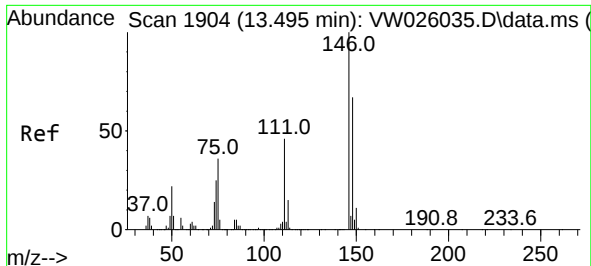
Tgt Ion:105 Resp: 1001501

Ion Ratio Lower Upper

105 100

120 42.8 34.7 52.1

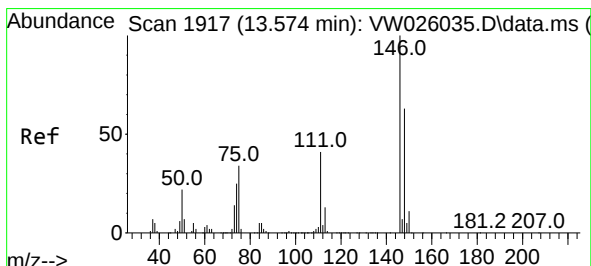
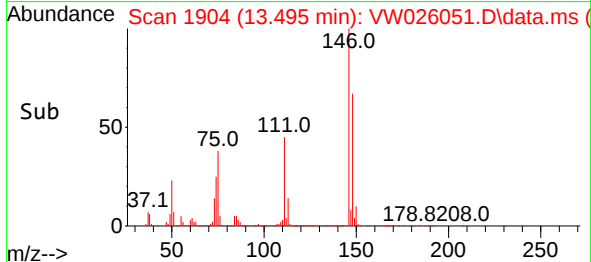
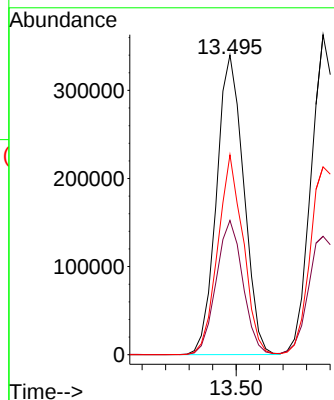
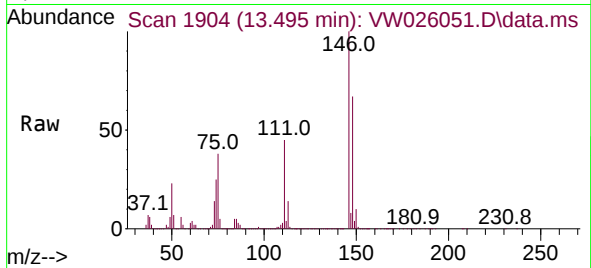




#64
1,3-Dichlorobenzene
Concen: 25.852 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

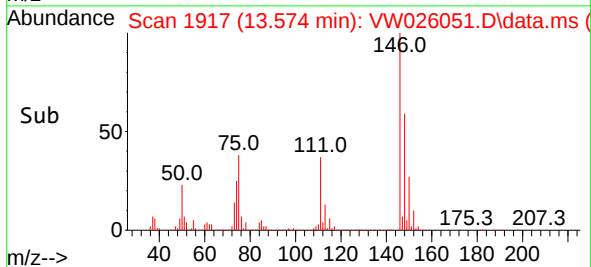
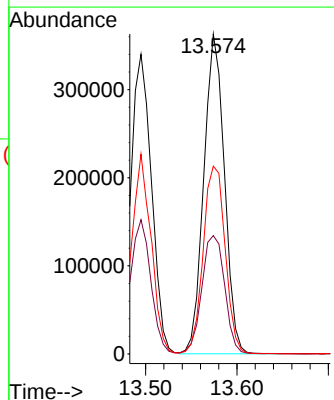
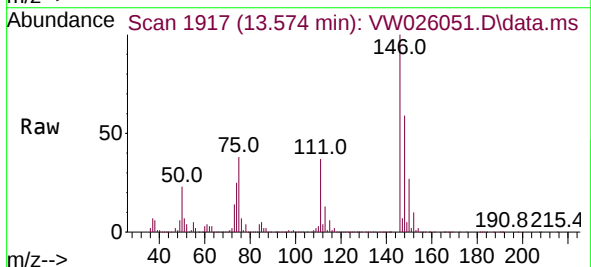
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

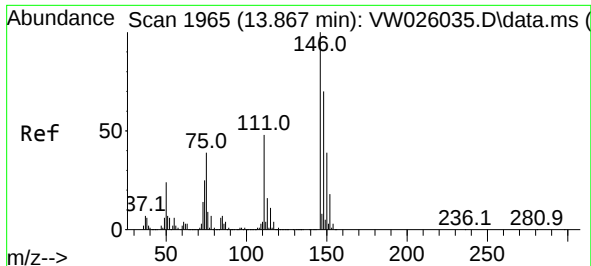
Tgt Ion:146 Resp: 547608
Ion Ratio Lower Upper
146 100
111 44.8 30.4 56.4
148 66.7 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 26.560 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion:146 Resp: 568415
Ion Ratio Lower Upper
146 100
111 37.0 27.9 51.9
148 58.7 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 26.497 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

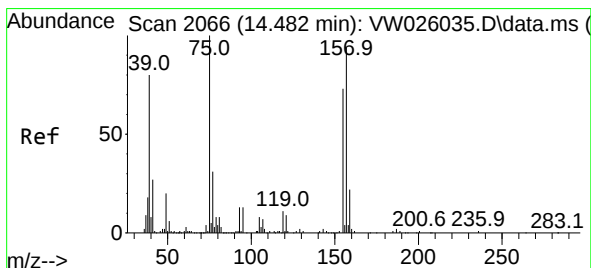
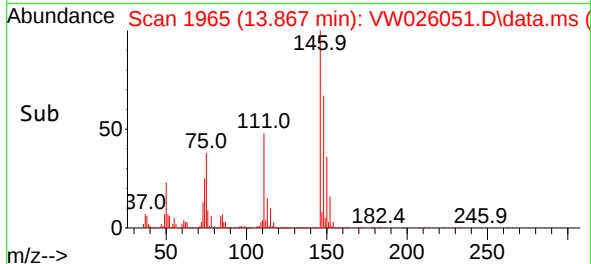
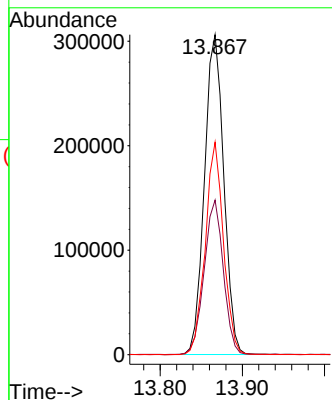
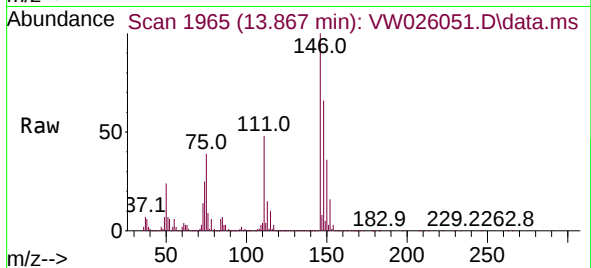
Tgt Ion:146 Resp: 500564

Ion Ratio Lower Upper

146 100

111 48.3 37.7 56.5

148 66.4 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 28.122 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

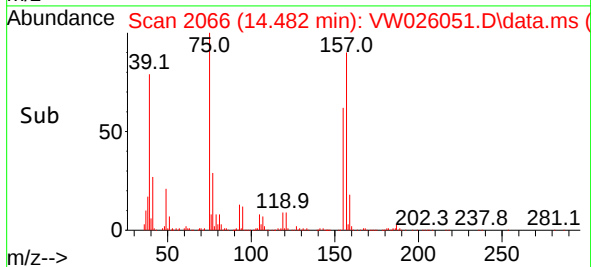
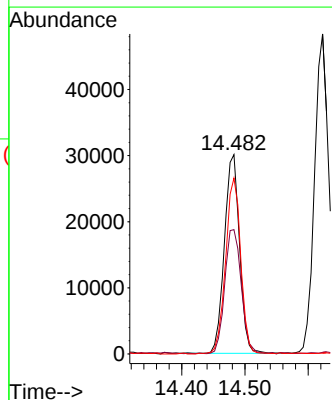
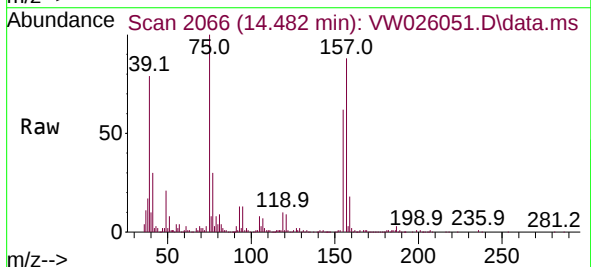
Tgt Ion: 75 Resp: 49890

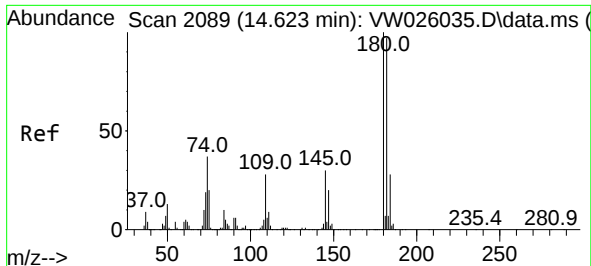
Ion Ratio Lower Upper

75 100

155 62.4 56.3 84.5

157 88.2 66.3 99.5

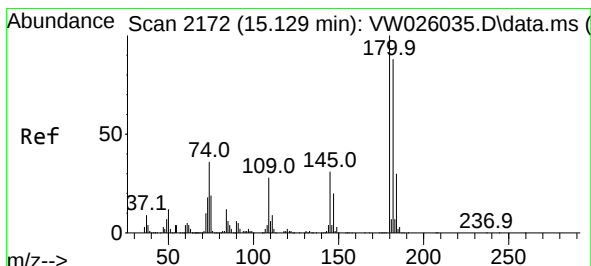
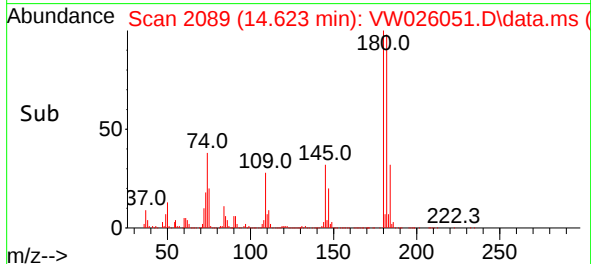
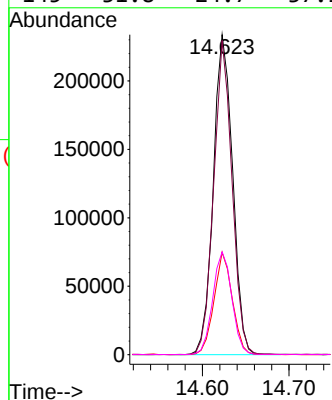
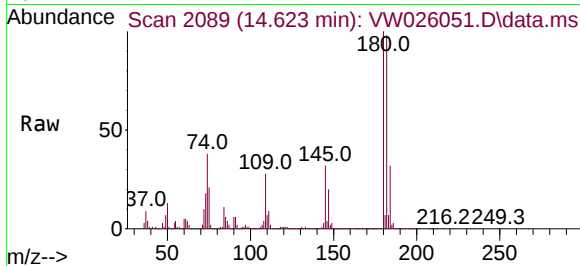




#69
1,3,5-Trichlorobenzene
Concen: 25.744 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

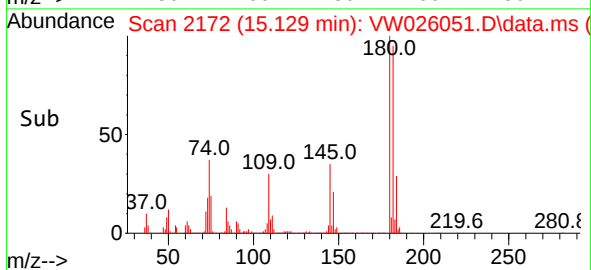
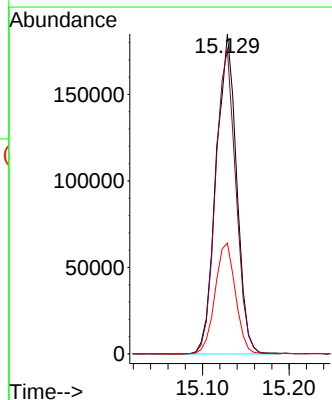
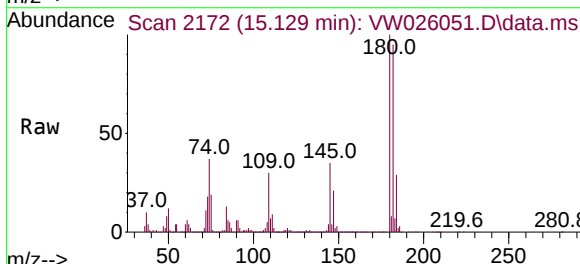
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

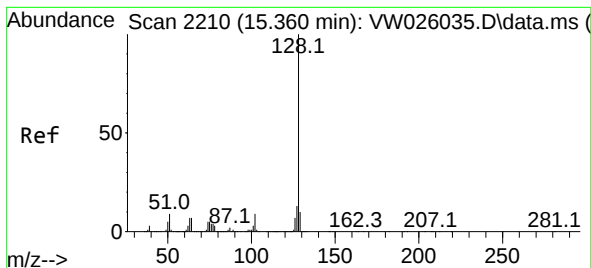
Tgt Ion:	180	Resp:	361989
Ion Ratio	Lower	Upper	
180	100		
182	93.4	77.4	116.0
184	30.4	24.7	37.1
145	31.8	24.7	37.1



#70
1,2,4-trichlorobenzene
Concen: 25.806 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026051.D
Acq: 25 May 2023 19:26

Tgt Ion:	180	Resp:	303996
Ion Ratio	Lower	Upper	
180	100		
182	94.6	74.3	111.5
145	34.7	25.4	38.0





#71

Naphthalene

Concen: 29.747 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

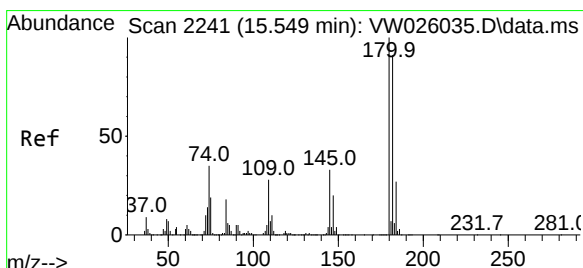
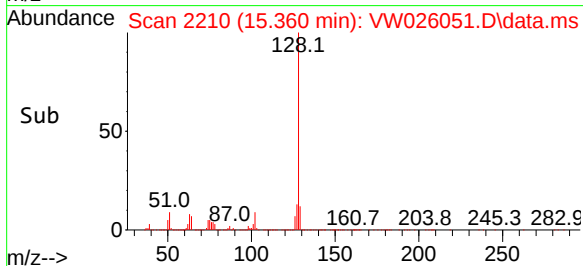
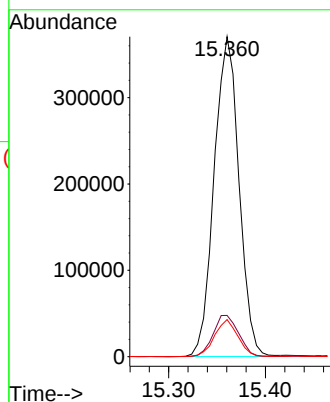
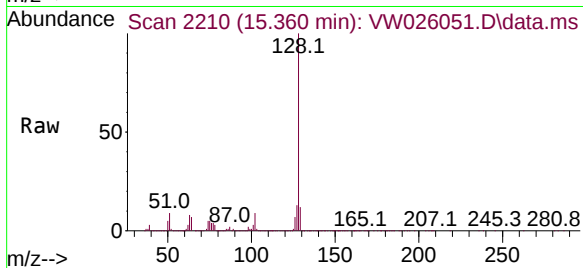
Tgt Ion:128 Resp: 661384

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.575 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026051.D

Acq: 25 May 2023 19:26

Tgt Ion:180 Resp: 267318

Ion Ratio Lower Upper

180 100

182 95.5 76.1 114.1

145 35.1 28.0 42.0

