

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051523\
 Data File : VW025983.D
 Acq On : 15 May 2023 17:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

Quant Time: May 15 23:37:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 15 23:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	560524	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	517391	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	252249	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	177830	22.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.560%
7) Chloroethane-d5	2.893	69	147523	25.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	4.021	65	76155	19.147	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.600%
21) 2-Butanone-d5	7.075	46	138445	52.724	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.440%
24) Chloroform-d	7.648	84	408276	25.260	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.040%
26) 1,2-Dichloroethane-d4	8.307	65	224367	24.549	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.270	84	804843	23.807	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	9.270	67	257734	23.827	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.320%
41) Toluene-d8	10.318	98	697089	23.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.480%
43) trans-1,3-Dichloroprop...	10.575	79	97874	22.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.280%
47) 2-Hexanone-d5	10.922	63	95539	51.797	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	214392	26.004	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	222036	24.146	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	110776	17.690	ug/L	99
3) Chloromethane	2.222	50	232805	25.213	ug/L	99
5) Vinyl chloride	2.375	62	242569	25.381	ug/L	97
6) Bromomethane	2.783	94	131100	25.221	ug/L	95
8) Chloroethane	2.930	64	144061	26.510	ug/L	98
9) Trichlorofluoromethane	3.265	101	136504	18.926	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	175292	22.347	ug/L	99
12) 1,1-Dichloroethene	4.045	96	161331	21.521	ug/L	100
13) Acetone	4.124	43	74281	31.903	ug/L	97
14) Carbon disulfide	4.393	76	524421	20.686	ug/L	99
15) Methyl Acetate	4.667	43	115436	25.158	ug/L	99
16) Methylene chloride	4.917	84	210972	18.251	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	207588	25.384	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	316105	25.467	ug/L	99
19) 1,1-Dichloroethane	6.216	63	439486	26.156	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	226497	25.815	ug/L	99
22) 2-Butanone	7.173	43	143627	44.674	ug/L	99
23) Bromochloromethane	7.514	128	94834	25.514	ug/L	93
25) Chloroform	7.673	83	411743	26.662	ug/L	98

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 Quant Title : SFAM01.0
 QLast Update : Mon May 15 23:34:38 2023
 Response via : Initial Calibration

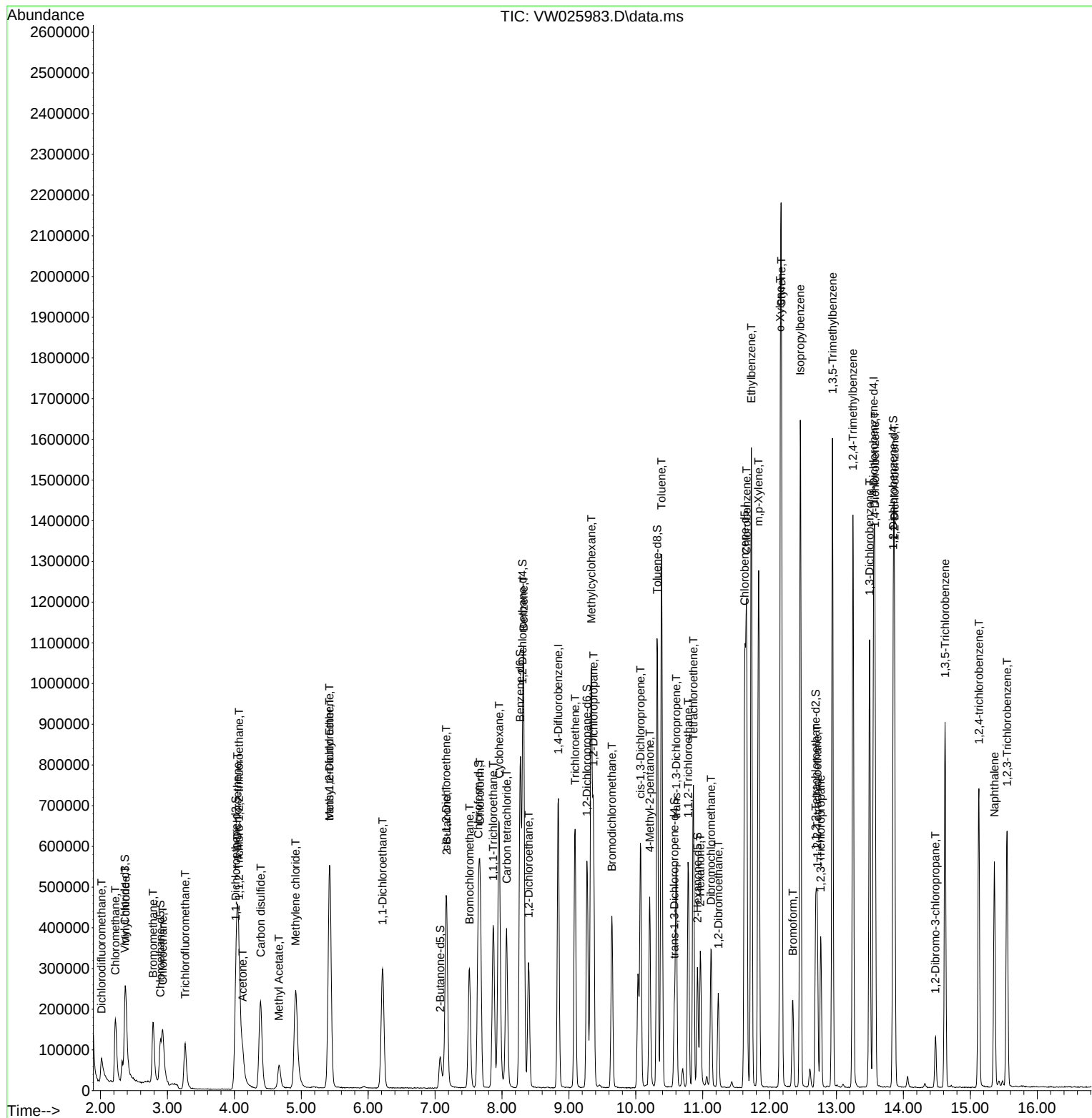
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	277323	25.286	ug/L	98
29) Cyclohexane	7.959	56	386669	24.116	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	321653	25.420	ug/L	100
31) Carbon tetrachloride	8.069	117	285409	25.064	ug/L	100
33) Benzene	8.325	78	911724	25.470	ug/L	100
34) Trichloroethene	9.093	95	225020	24.497	ug/L	97
35) Methylcyclohexane	9.337	83	401105	24.552	ug/L	99
37) 1,2-Dichloropropane	9.367	63	251040	25.598	ug/L	100
38) Bromodichloromethane	9.642	83	284830	25.315	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	345881	24.050	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	323134	50.620	ug/L	99
42) Toluene	10.386	91	941349	25.737	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	293049	24.591	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	166425	25.368	ug/L	98
46) Tetrachloroethene	10.861	164	162975	25.220	ug/L	91
48) 2-Hexanone	10.965	43	222779	48.715	ug/L	99
49) Dibromochloromethane	11.123	129	175051	25.774	ug/L	92
50) 1,2-Dibromoethane	11.233	107	153063	25.309	ug/L #	97
51) Chlorobenzene	11.654	112	553313	24.420	ug/L	100
52) Ethylbenzene	11.727	91	1050834	25.541	ug/L	97
53) m,p-Xylene	11.836	106	384760	25.409	ug/L	98
54) o-Xylene	12.160	106	360079	25.229	ug/L	97
55) Styrene	12.178	104	630721	25.819	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	210633	25.732	ug/L	97
59) Bromoform	12.349	173	99298	26.576	ug/L	98
60) Isopropylbenzene	12.458	105	1022560	26.669	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	155753	26.126	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	796044	26.212	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	720787	25.720	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	412191	24.972	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	413127	24.774	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	381594	25.923	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	33030	23.893	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	256404	23.402	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	218620	23.817	ug/L	98
71) Naphthalene	15.360	128	427875	24.697	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	195766	24.037	ug/L	99

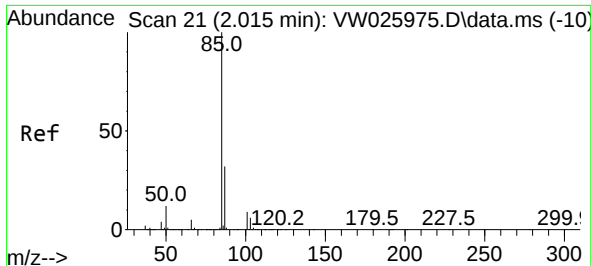
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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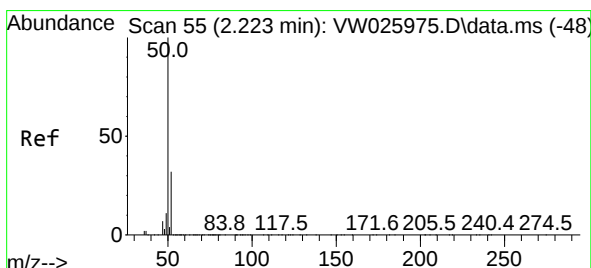
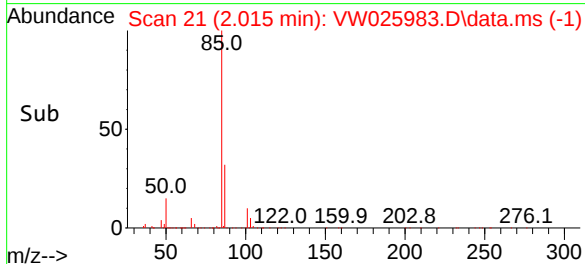
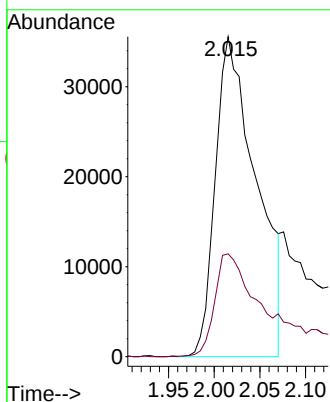
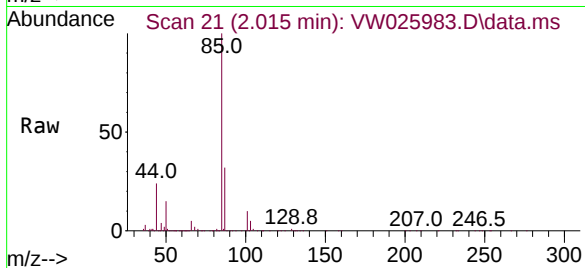




#2
Dichlorodifluoromethane
Concen: 17.690 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

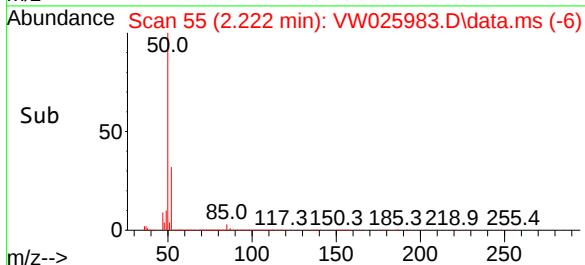
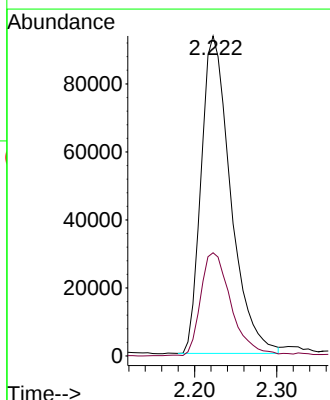
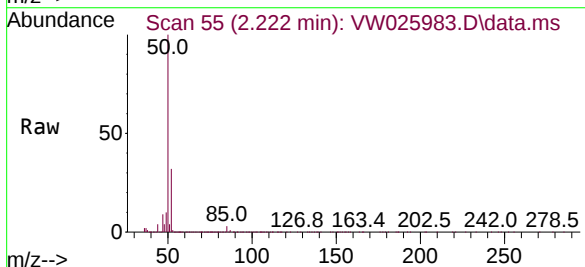
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

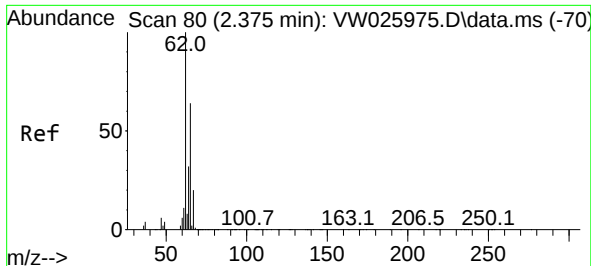
Tgt Ion: 85 Resp: 110776
Ion Ratio Lower Upper
85 100
87 30.5 24.7 37.1



#3
Chloromethane
Concen: 25.213 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion: 50 Resp: 232805
Ion Ratio Lower Upper
50 100
52 32.2 22.1 41.1

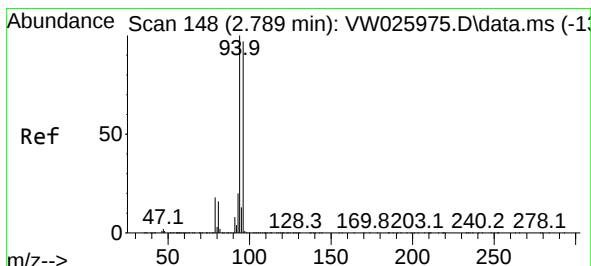
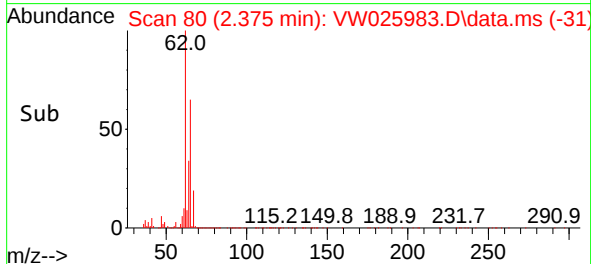
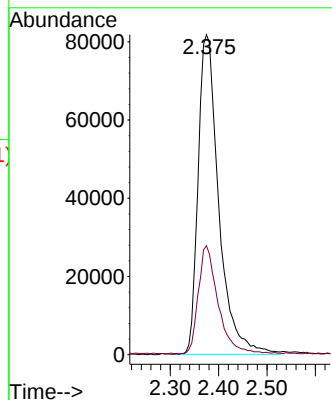
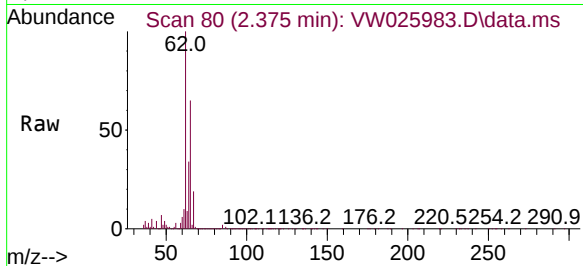




#5
 Vinyl chloride
 Concen: 25.381 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025983.D
 Acq: 15 May 2023 17:00

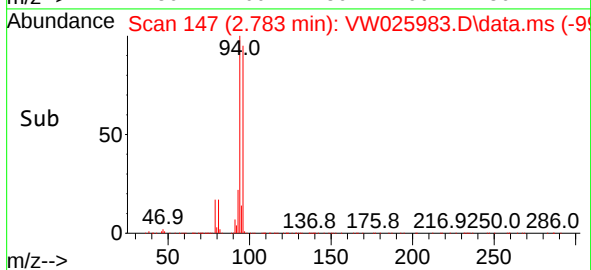
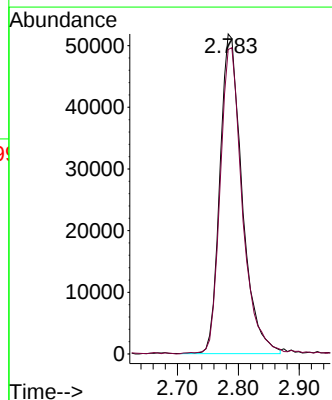
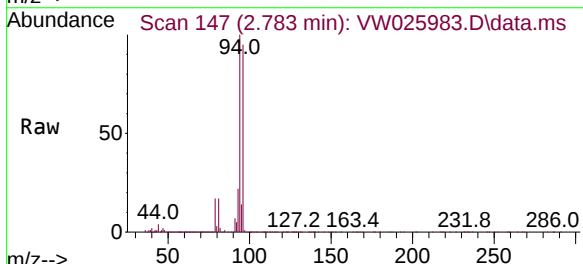
Instrument :
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 ClientSampleId :
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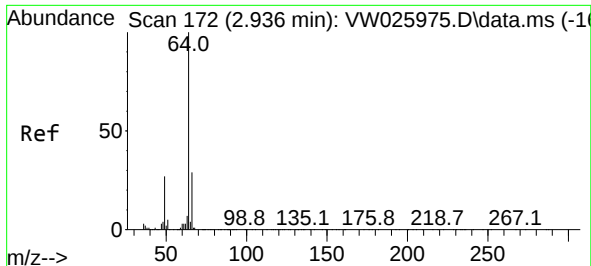
Tgt Ion: 62 Resp: 242569
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.7 42.3



#6
 Bromomethane
 Concen: 25.221 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025983.D
 Acq: 15 May 2023 17:00

Tgt Ion: 94 Resp: 131100
 Ion Ratio Lower Upper
 94 100
 96 95.1 63.1 117.1

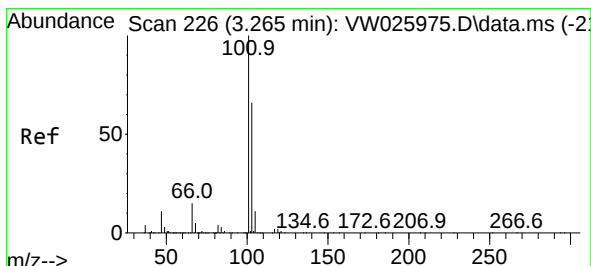
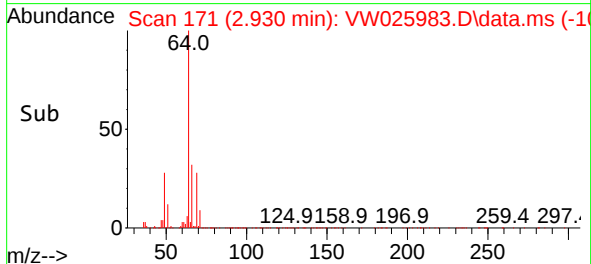
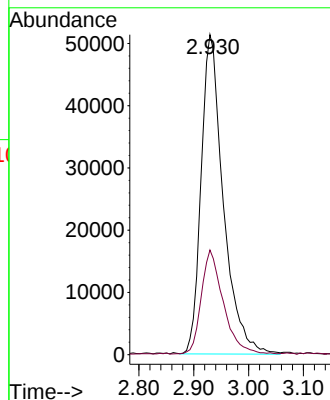
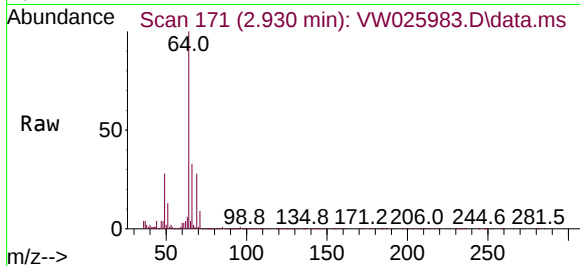




#8
Chloroethane
Concen: 26.510 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

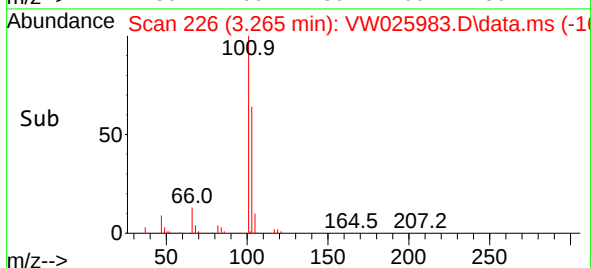
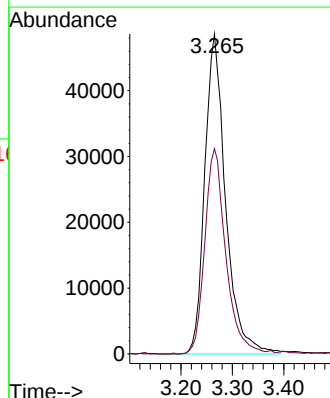
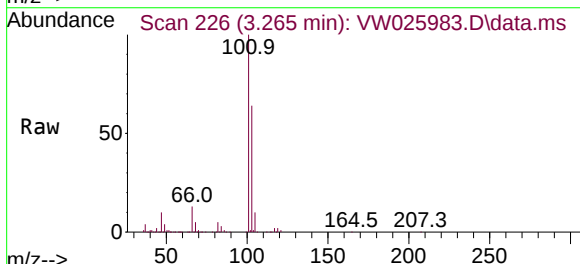
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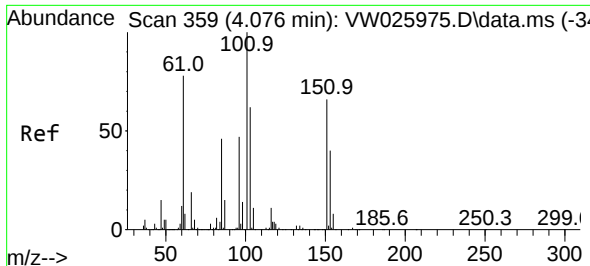
Tgt Ion: 64 Resp: 144061
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 18.926 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion: 101 Resp: 136504
Ion Ratio Lower Upper
101 100
103 64.6 50.6 76.0

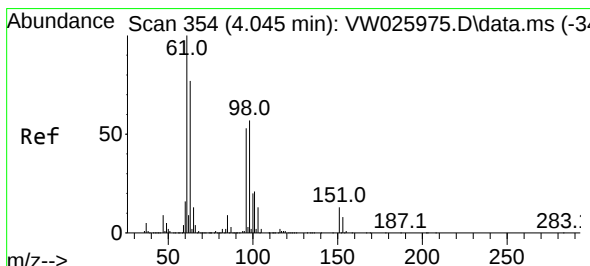
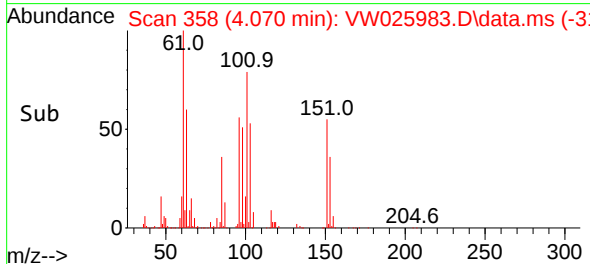
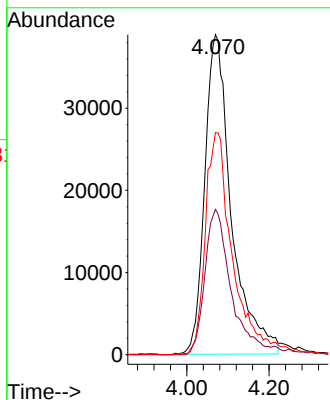
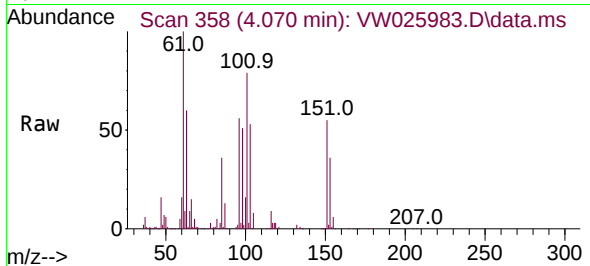




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.347 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW025983.D
 Acq: 15 May 2023 17:00

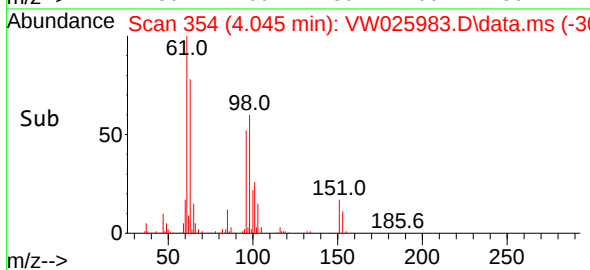
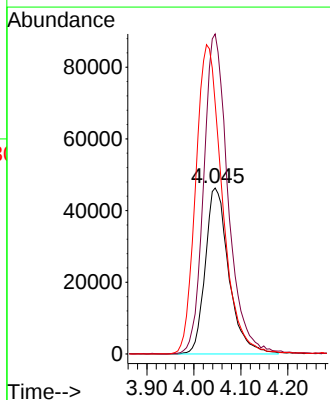
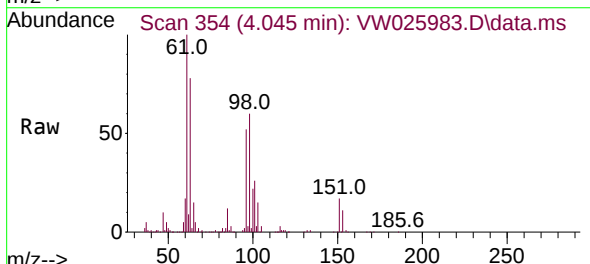
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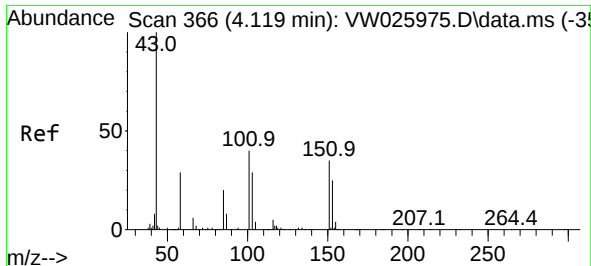
Tgt Ion:101 Resp: 175292
 Ion Ratio Lower Upper
 101 100
 85 44.6 33.9 50.9
 151 67.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 21.521 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025983.D
 Acq: 15 May 2023 17:00

Tgt Ion: 96 Resp: 161331
 Ion Ratio Lower Upper
 96 100
 61 192.9 135.0 250.8
 63 151.1 104.9 194.7





#13

Acetone

Concen: 31.903 ug/L

RT: 4.124 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

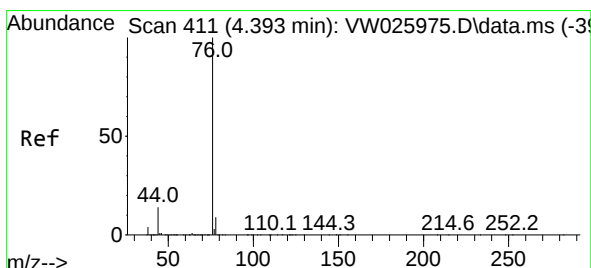
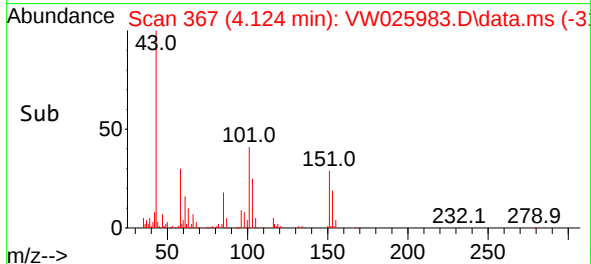
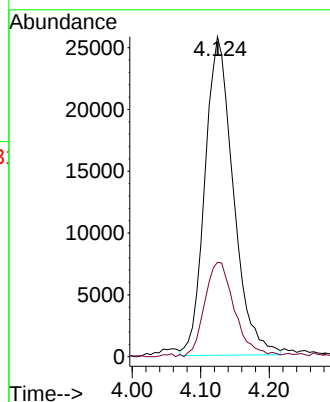
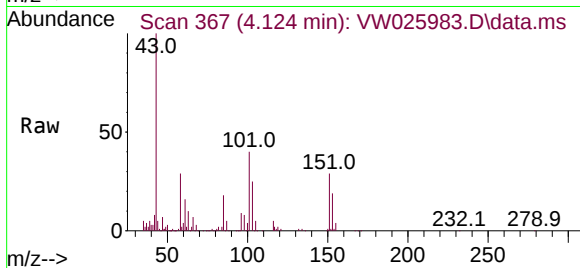
VSTD025490

Tgt Ion: 43 Resp: 74281

Ion Ratio Lower Upper

43 100

58 30.9 0.0 58.2



#14

Carbon disulfide

Concen: 20.686 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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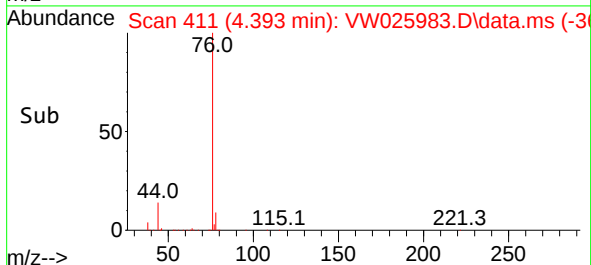
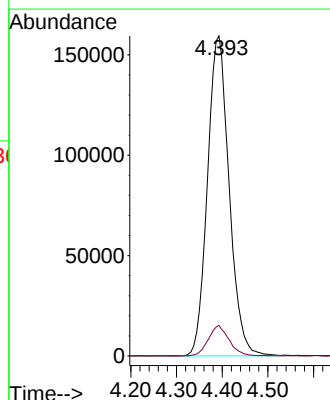
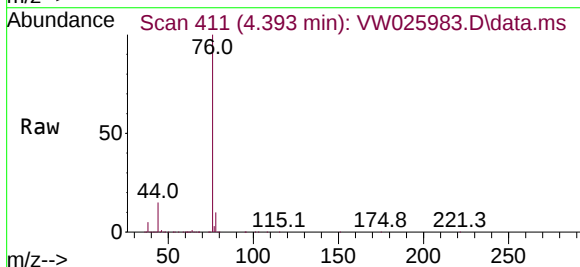
Acq: 15 May 2023 17:00

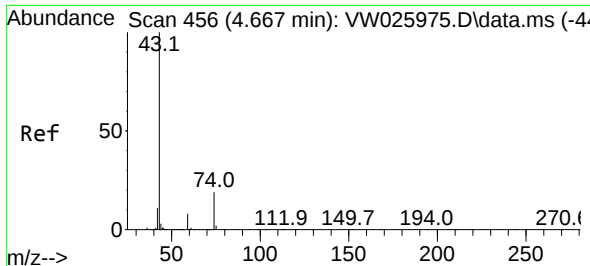
Tgt Ion: 76 Resp: 524421

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

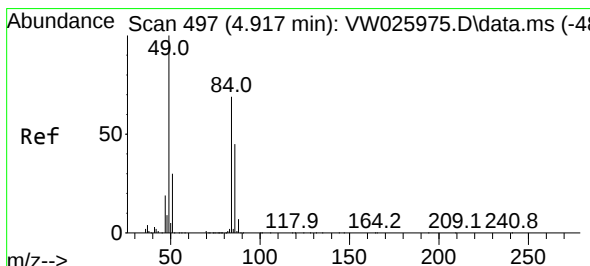
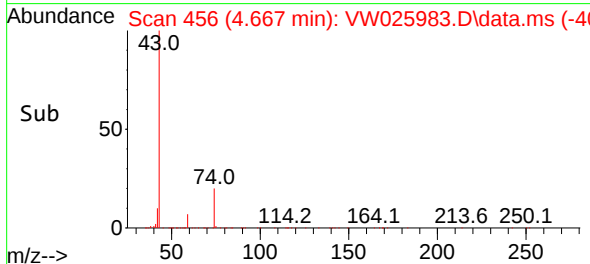
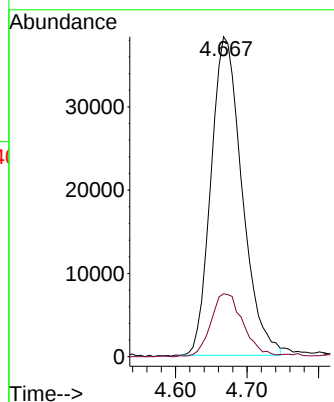
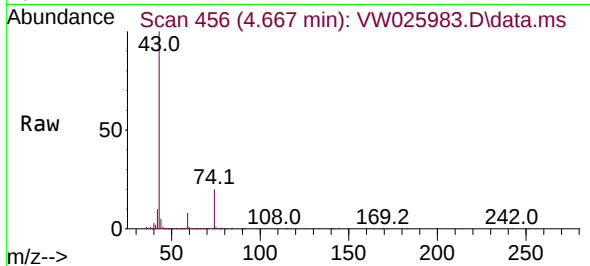




#15
Methyl Acetate
Concen: 25.158 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

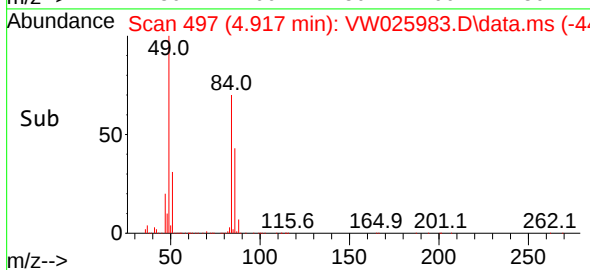
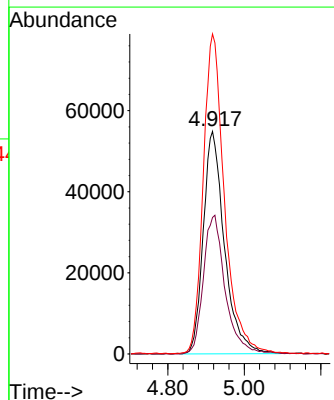
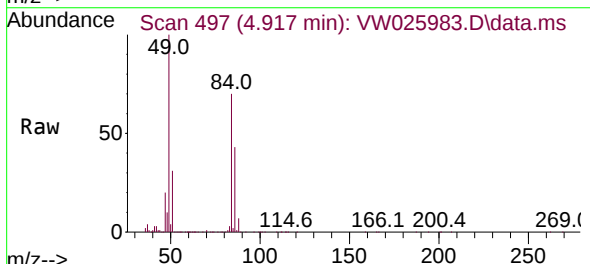
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

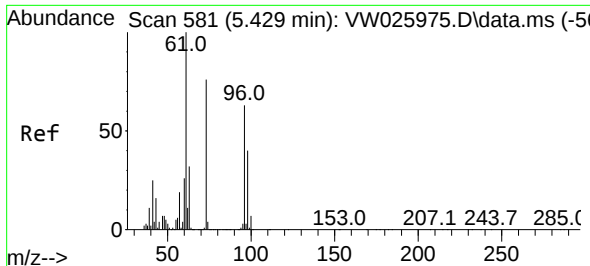
Tgt Ion: 43 Resp: 115436
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7



#16
Methylene chloride
Concen: 18.251 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion: 84 Resp: 210972
Ion Ratio Lower Upper
84 100
86 61.3 41.7 77.5
49 143.7 95.3 177.1

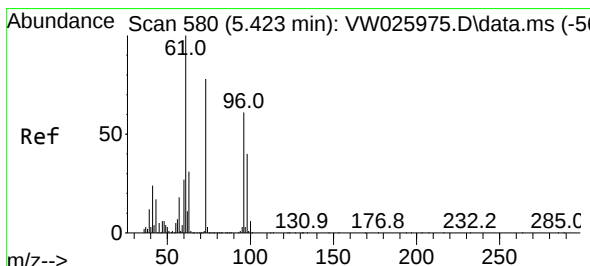
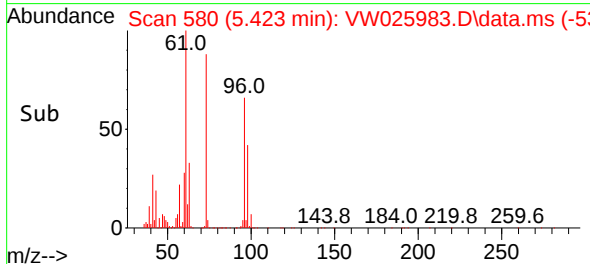
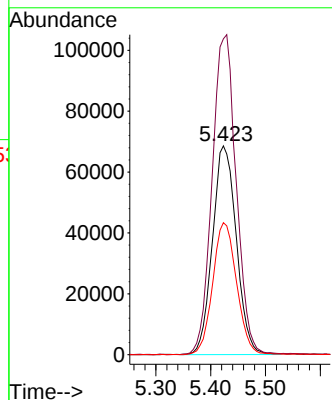
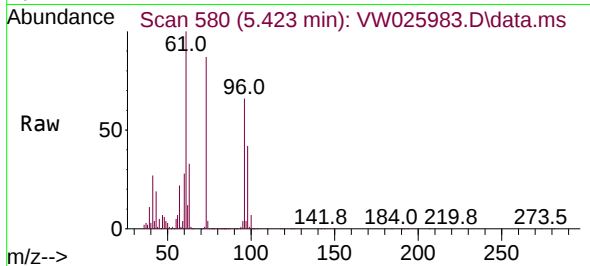




#17
trans-1,2-Dichloroethene
Concen: 25.384 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

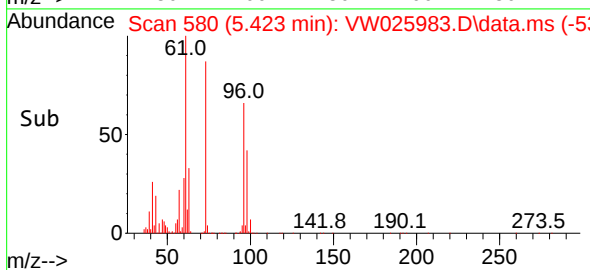
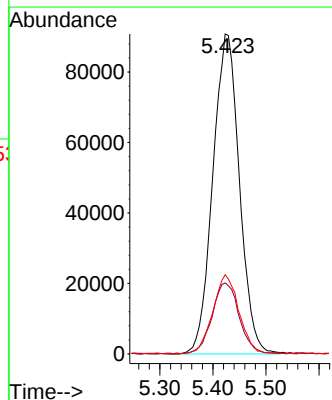
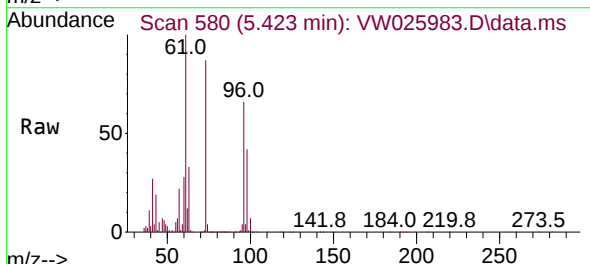
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

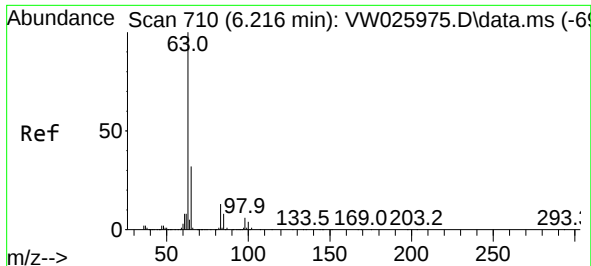
Tgt Ion: 96 Resp: 207588
Ion Ratio Lower Upper
96 100
61 151.3 108.1 200.9
98 63.3 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 25.467 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion: 73 Resp: 316105
Ion Ratio Lower Upper
73 100
43 22.2 18.2 27.4
57 24.5 19.2 28.8





#19

1,1-Dichloroethane

Concen: 26.156 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

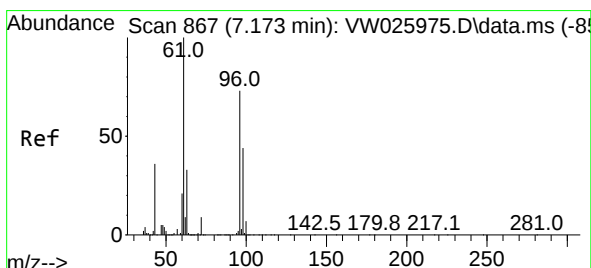
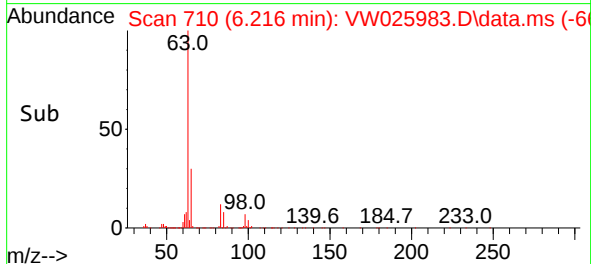
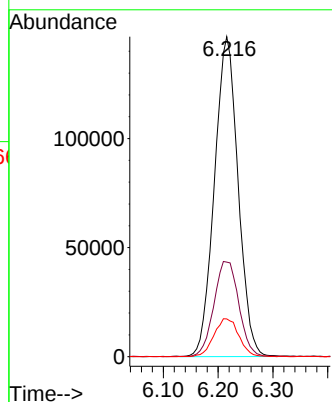
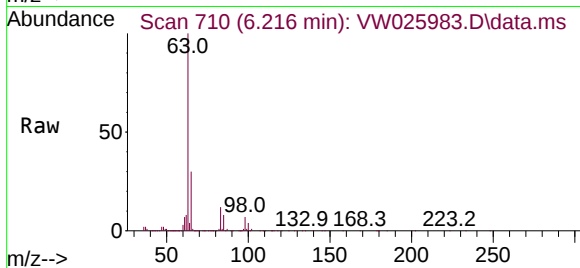
Tgt Ion: 63 Resp: 439486

Ion Ratio Lower Upper

63 100

65 29.6 22.4 41.6

83 11.8 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 25.815 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

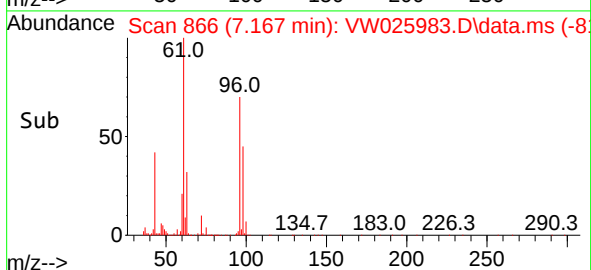
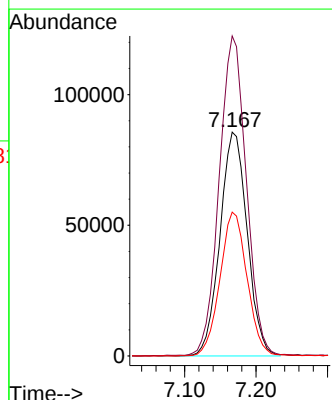
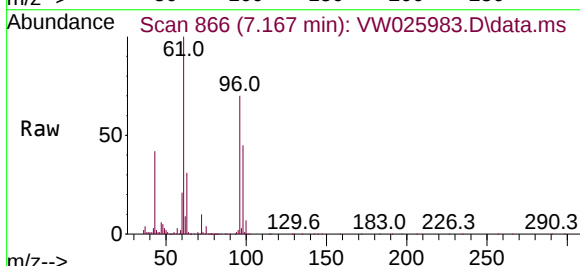
Tgt Ion: 96 Resp: 226497

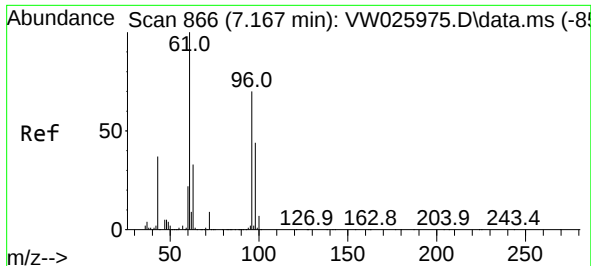
Ion Ratio Lower Upper

96 100

61 143.0 98.6 183.0

98 64.2 45.2 84.0

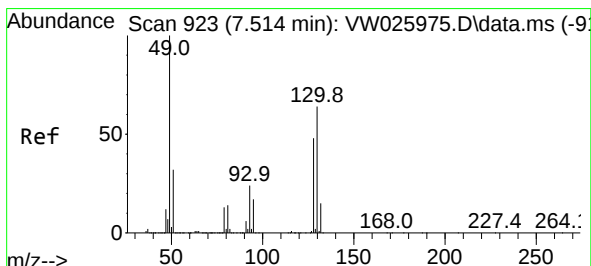
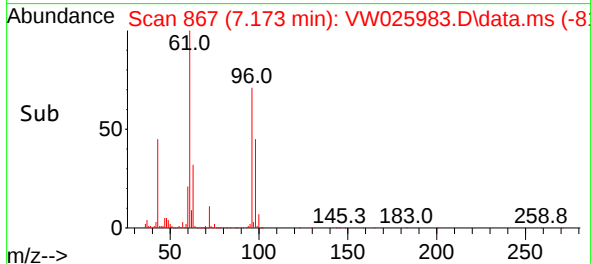
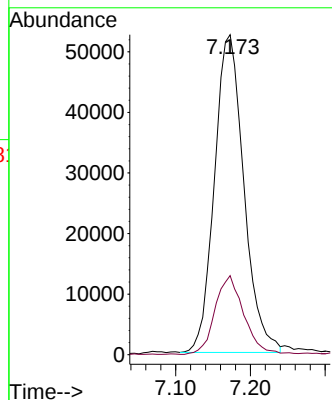
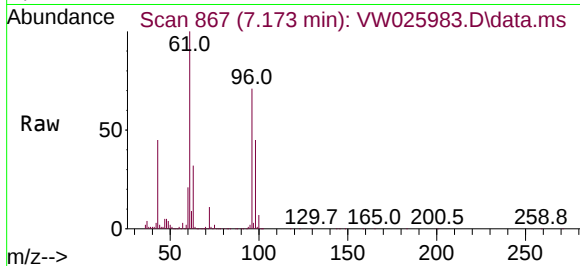




#22
2-Butanone
Concen: 44.674 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

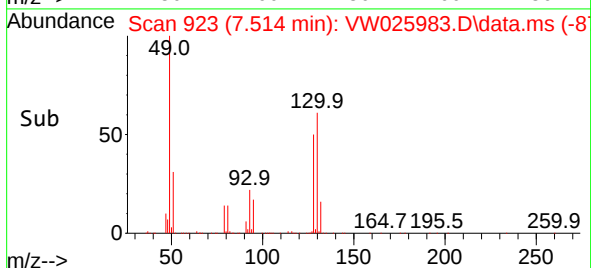
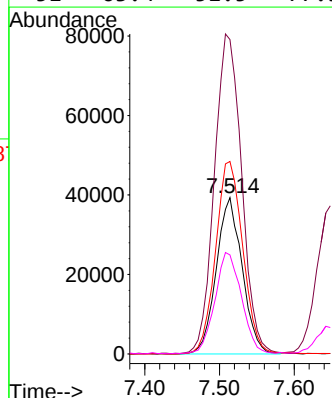
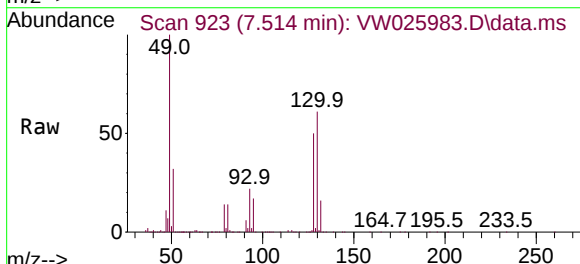
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

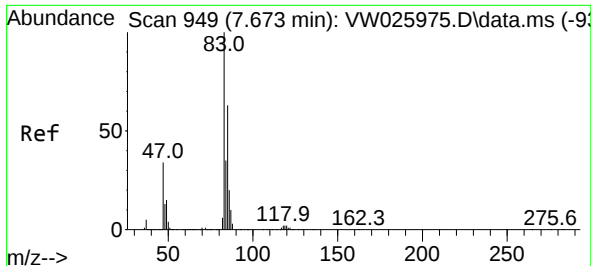
Tgt Ion: 43 Resp: 143627
Ion Ratio Lower Upper
43 100
72 24.2 11.8 35.4



#23
Bromochloromethane
Concen: 25.514 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion: 128 Resp: 94834
Ion Ratio Lower Upper
128 100
49 201.2 151.5 281.5
130 123.2 91.3 169.6
51 63.4 51.5 77.3

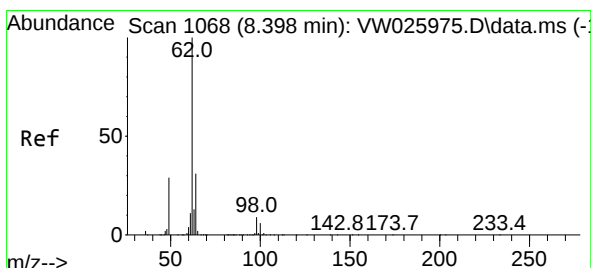
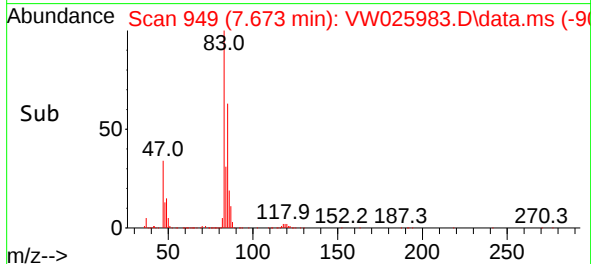
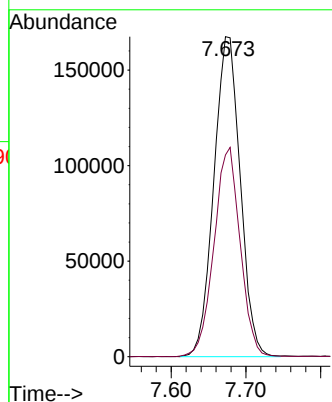
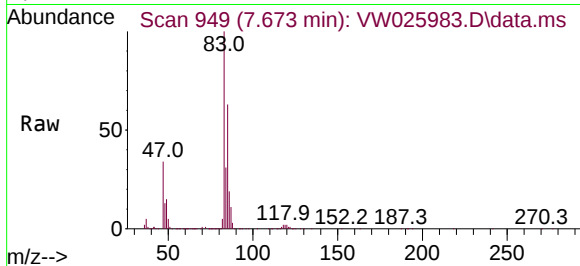




#25
Chloroform
Concen: 26.662 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

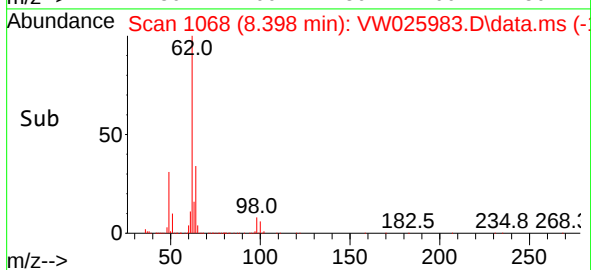
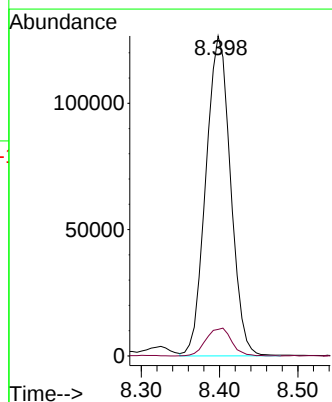
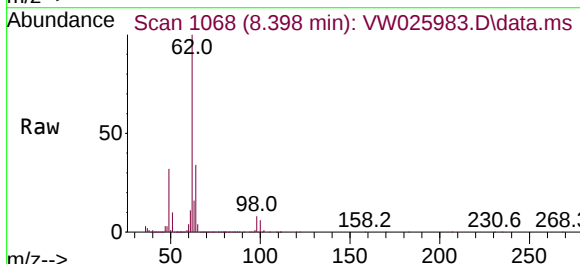
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

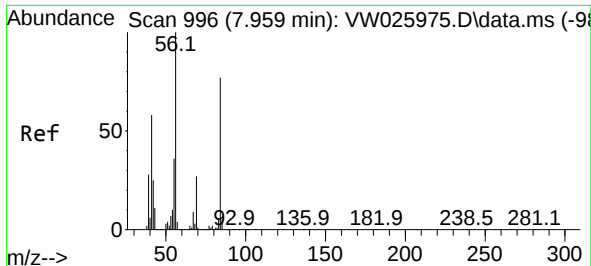
Tgt Ion: 83 Resp: 411743
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 25.286 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion: 62 Resp: 277323
Ion Ratio Lower Upper
62 100
98 8.3 7.2 10.8





#29

Cyclohexane

Concen: 24.116 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

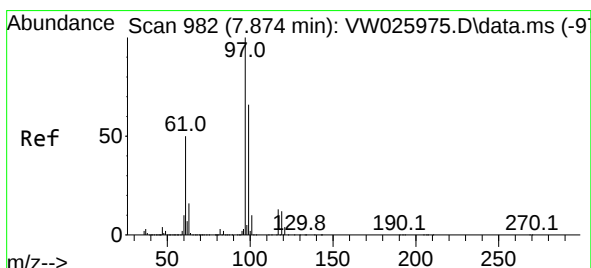
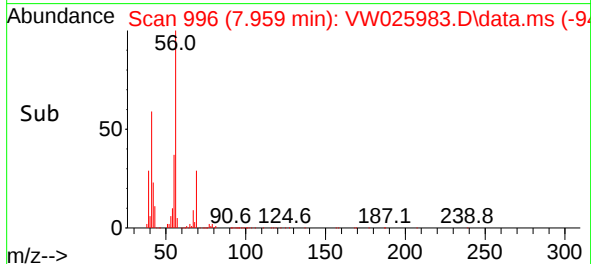
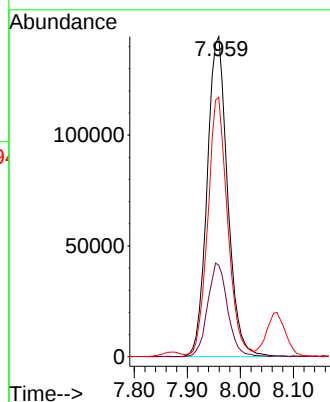
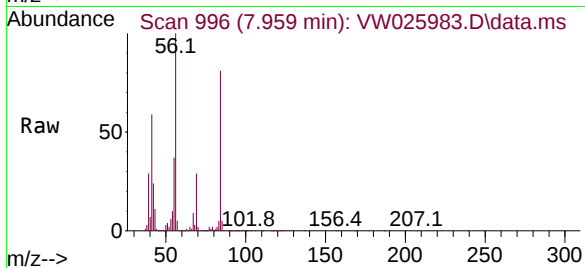
Tgt Ion: 56 Resp: 386669

Ion Ratio Lower Upper

56 100

69 28.6 23.4 35.0

84 78.7 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 25.420 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

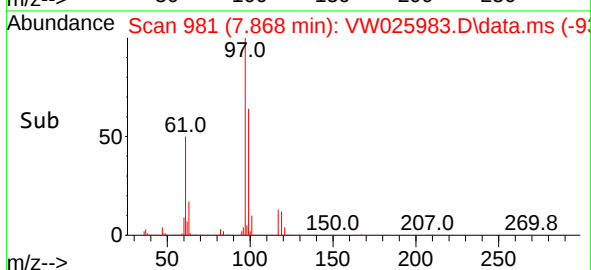
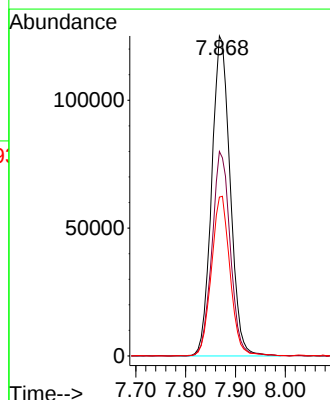
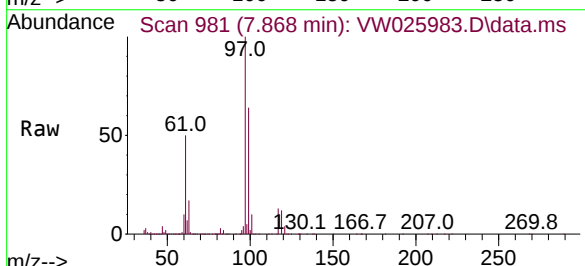
Tgt Ion: 97 Resp: 321653

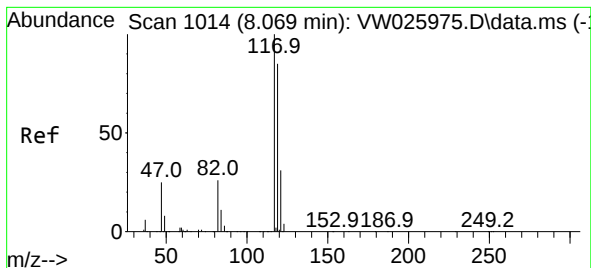
Ion Ratio Lower Upper

97 100

99 63.5 51.1 76.7

61 50.1 40.4 60.6

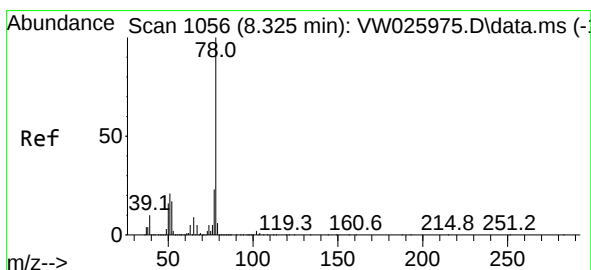
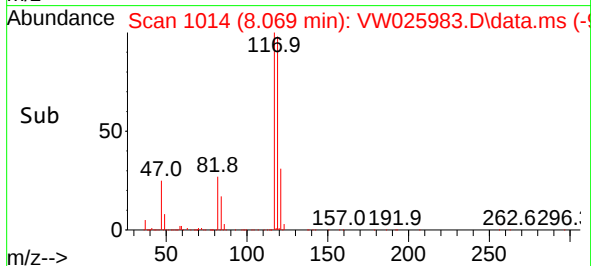
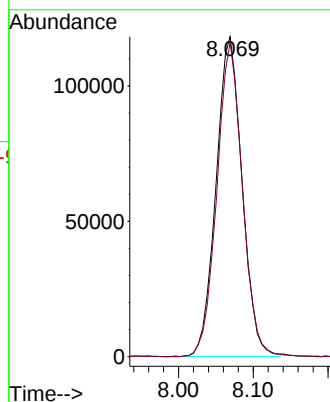
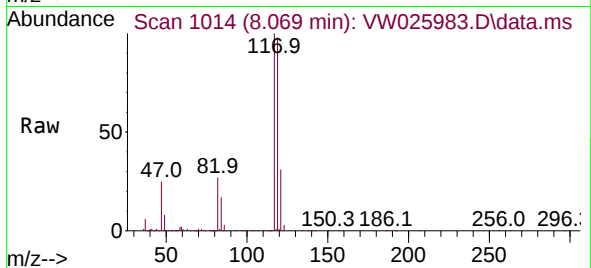




#31
Carbon tetrachloride
Concen: 25.064 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

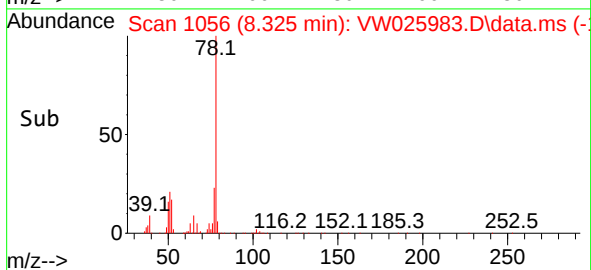
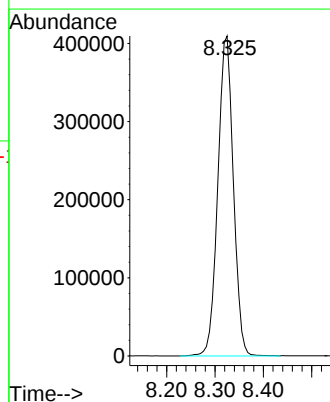
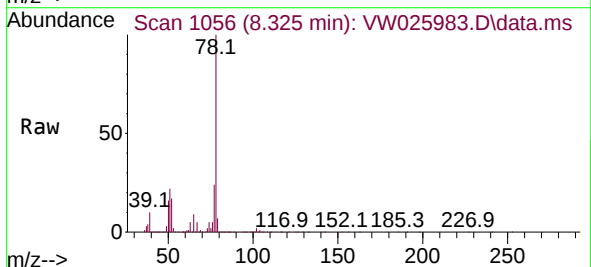
Instrument : MSVOA_W
ClientSampleId : VSTD025490

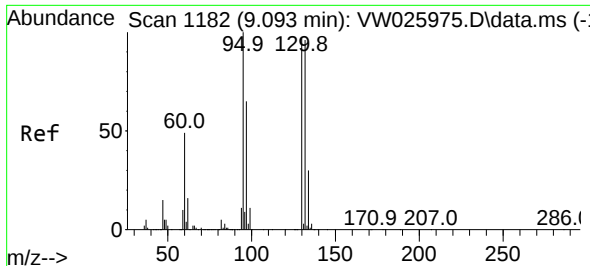
Tgt Ion:117 Resp: 285409
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 25.470 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion: 78 Resp: 911724





#34

Trichloroethene

Concen: 24.497 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025983.D

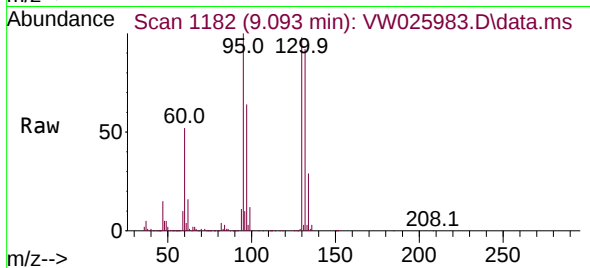
Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490



Tgt Ion: 95 Resp: 225020

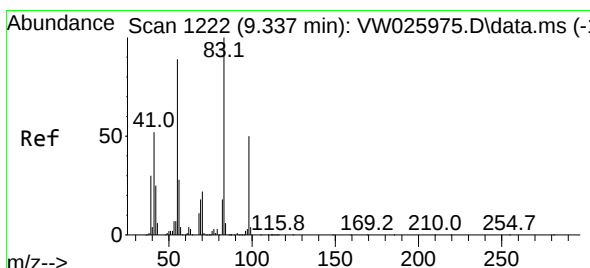
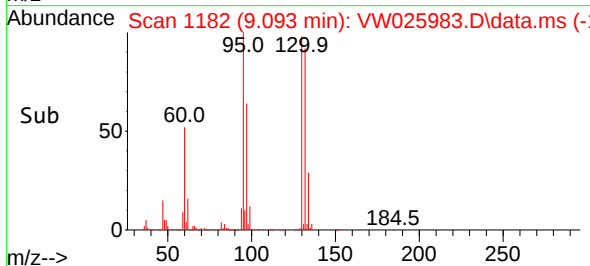
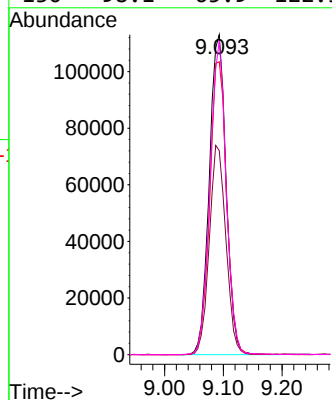
Ion Ratio Lower Upper

95 100

97 63.8 45.9 85.3

132 91.5 66.0 122.6

130 98.1 65.9 122.3



#35

Methylcyclohexane

Concen: 24.552 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

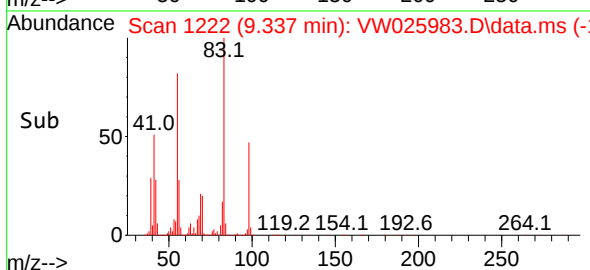
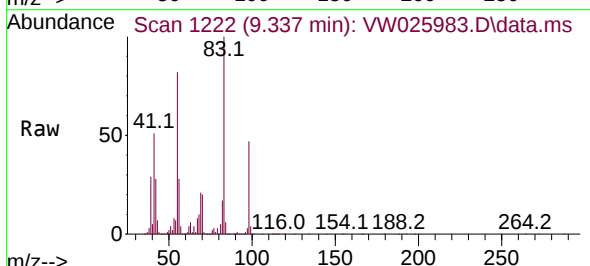
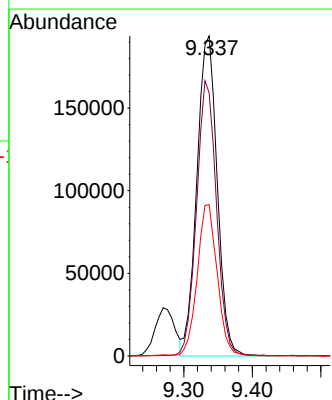
Tgt Ion: 83 Resp: 401105

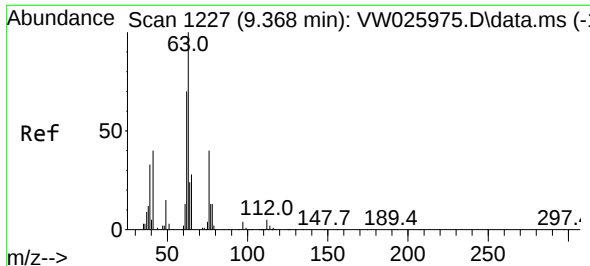
Ion Ratio Lower Upper

83 100

55 84.2 69.0 103.4

98 46.4 37.1 55.7





#37

1,2-Dichloropropane

Concen: 25.598 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

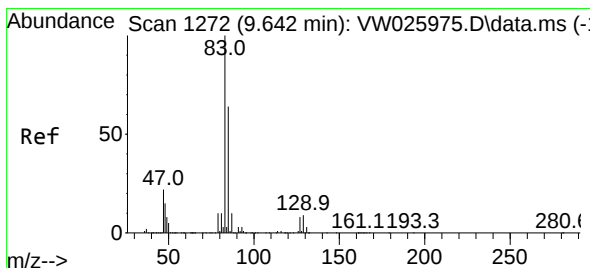
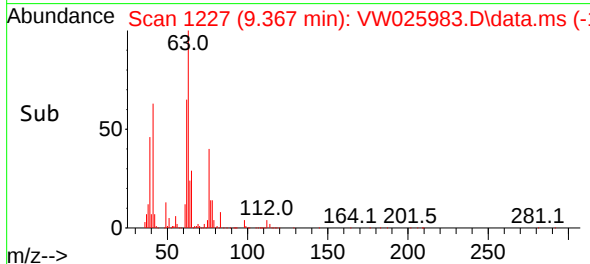
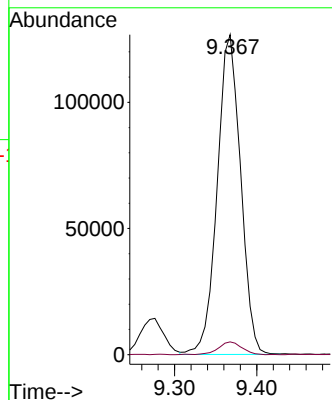
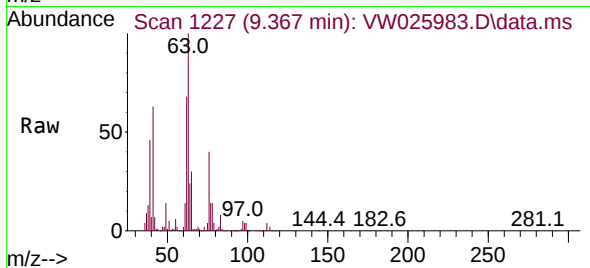
VSTD025490

Tgt Ion: 63 Resp: 251040

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 25.315 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

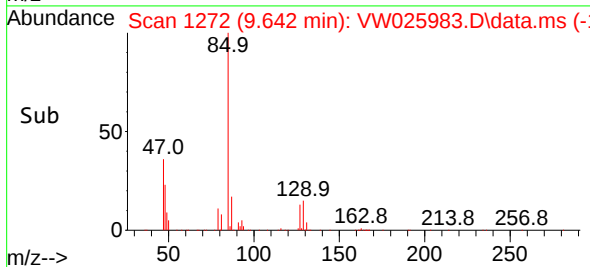
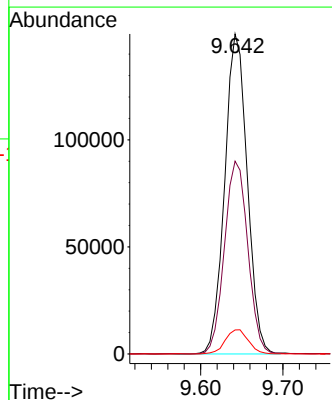
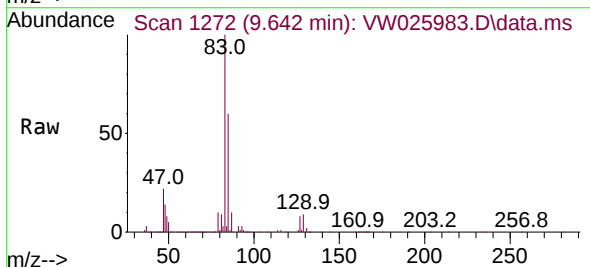
Tgt Ion: 83 Resp: 284830

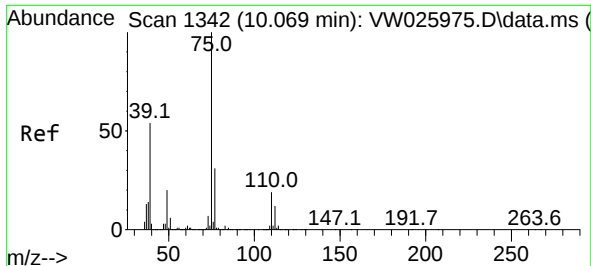
Ion Ratio Lower Upper

83 100

85 60.2 44.4 82.5

127 7.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 24.050 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

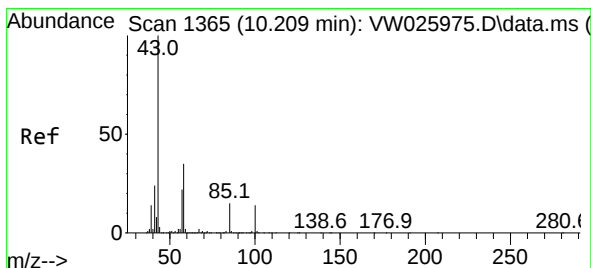
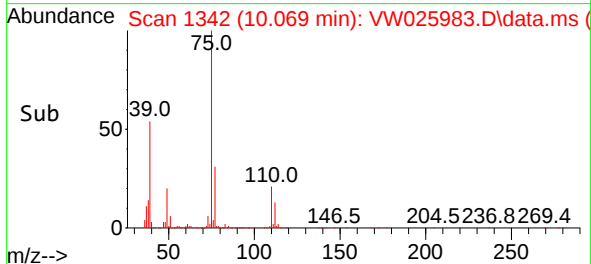
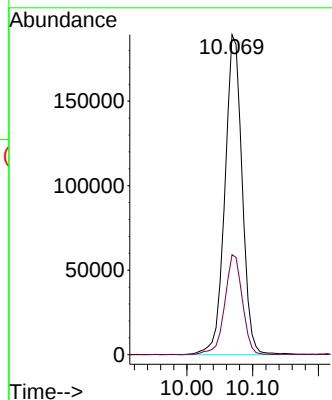
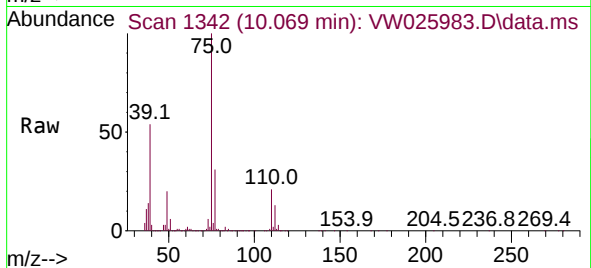
VSTD025490

Tgt Ion: 75 Resp: 345881

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 50.620 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

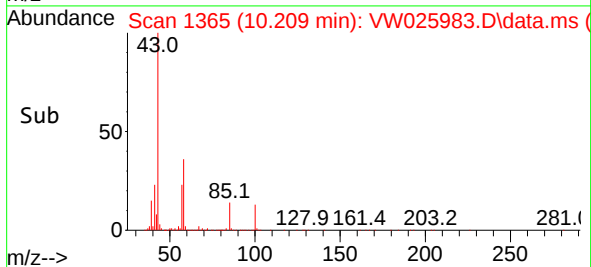
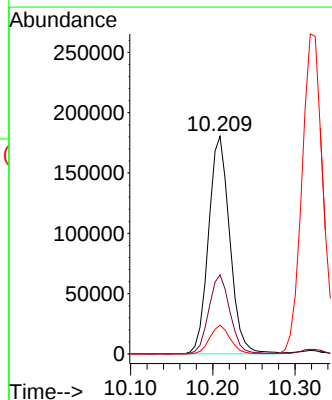
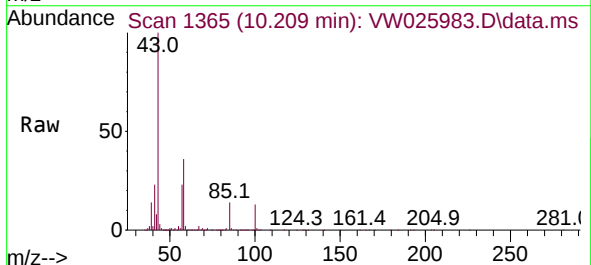
Tgt Ion: 43 Resp: 323134

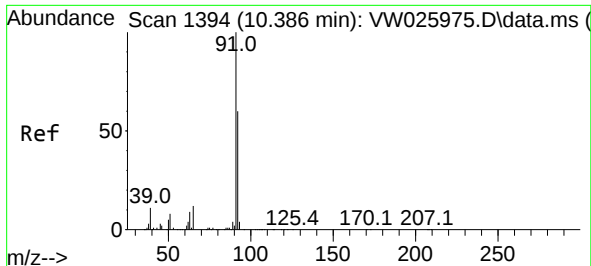
Ion Ratio Lower Upper

43 100

58 36.3 29.4 44.0

100 12.8 10.1 15.1

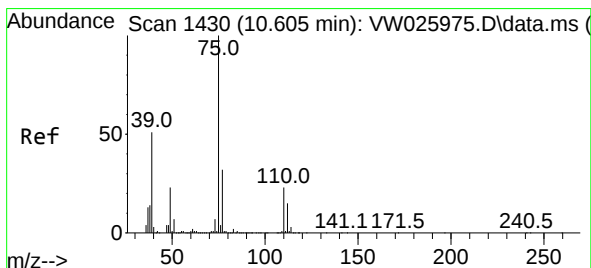
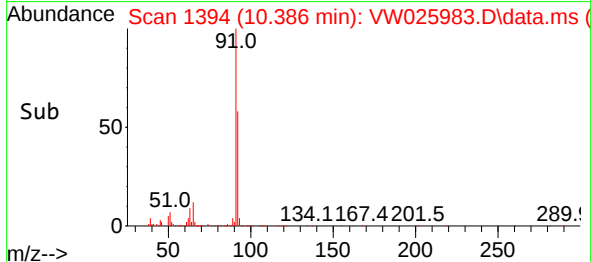
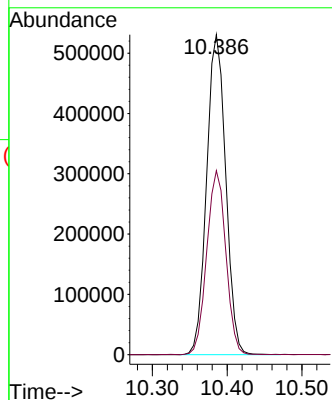
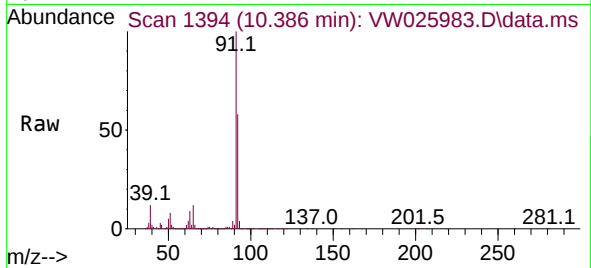




#42
Toluene
Concen: 25.737 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

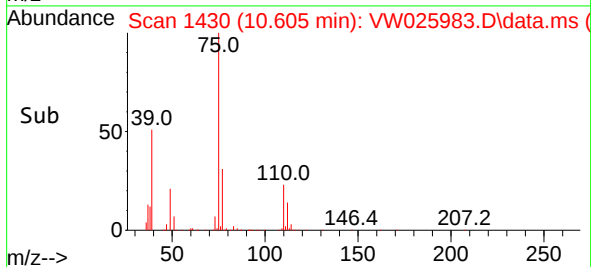
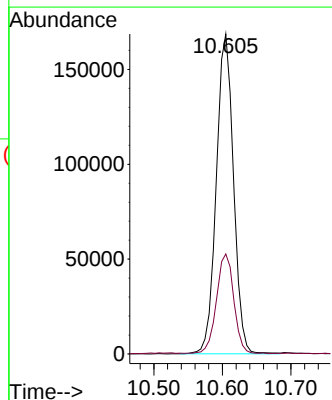
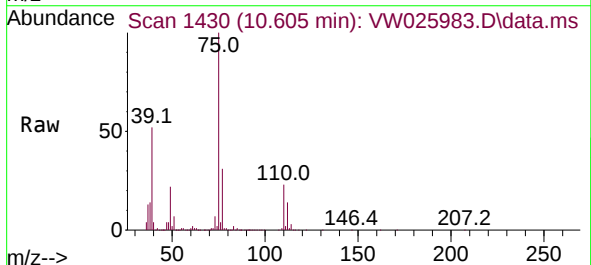
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

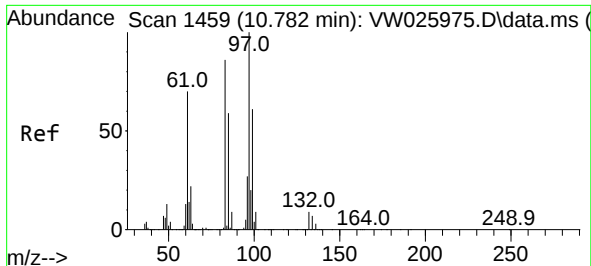
Tgt Ion: 91 Resp: 941349
Ion Ratio Lower Upper
91 100
92 57.5 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 24.591 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion: 75 Resp: 293049
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4

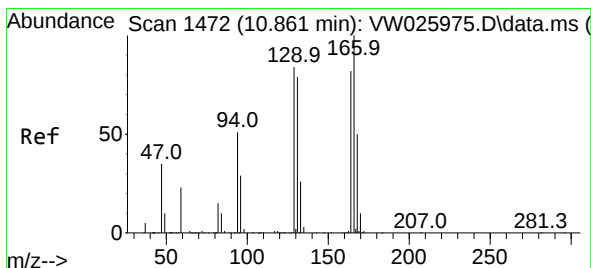
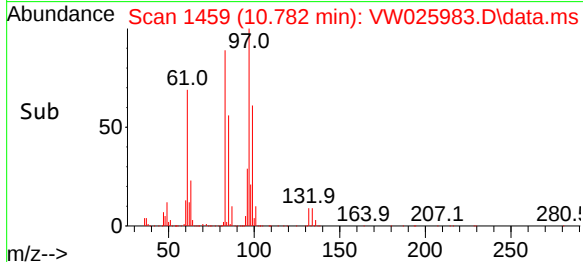
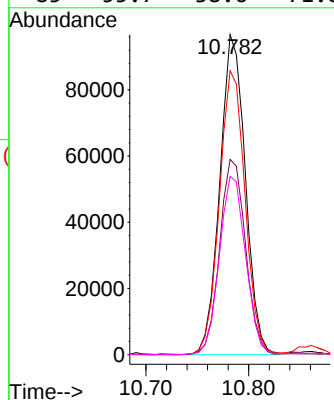
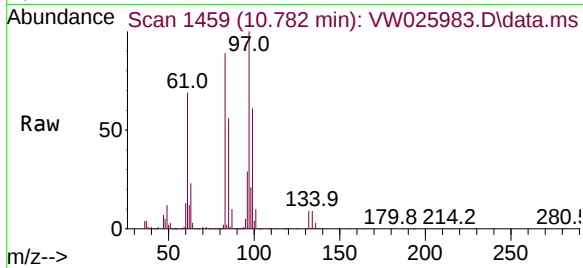




#45
1,1,2-Trichloroethane
Concen: 25.368 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

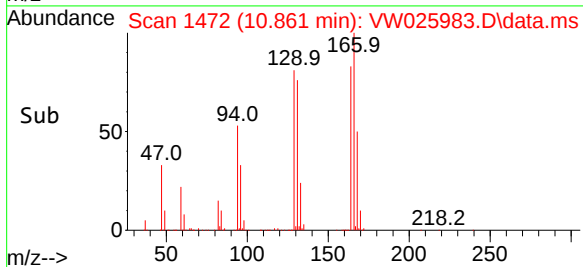
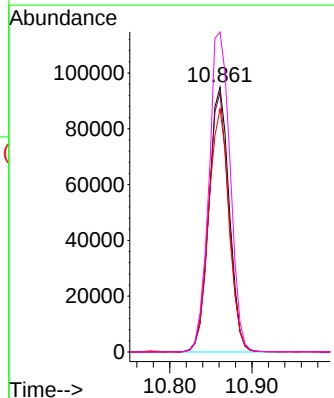
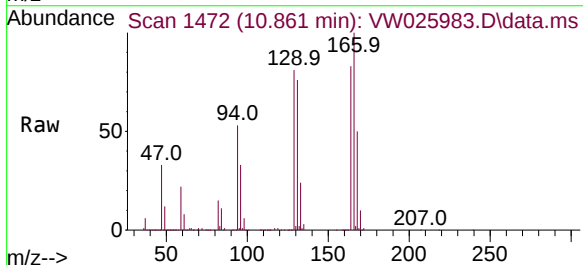
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

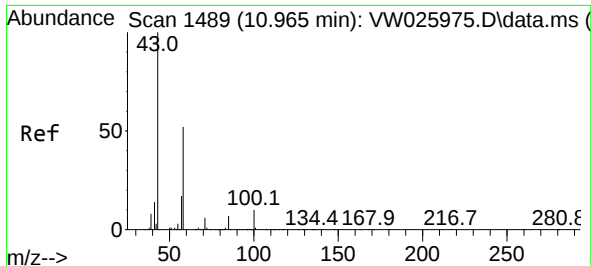
Tgt Ion: 97	Resp: 166425
Ion Ratio	Lower Upper
97 100	
99 61.0	44.5 82.7
83 88.8	63.0 117.0
85 55.7	38.6 71.8



#46
Tetrachloroethene
Concen: 25.220 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt	Ion:164	Resp:	162975
Ion	Ratio	Lower	Upper
164	100		
129	98.0	74.3	138.1
131	91.8	71.3	132.3
166	120.9	91.5	169.9



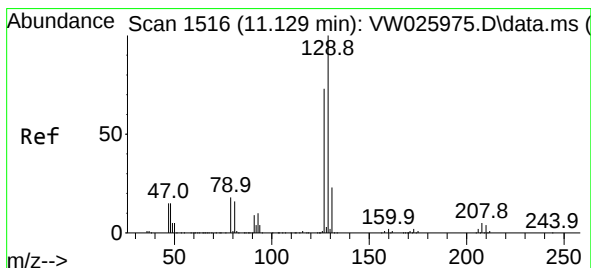
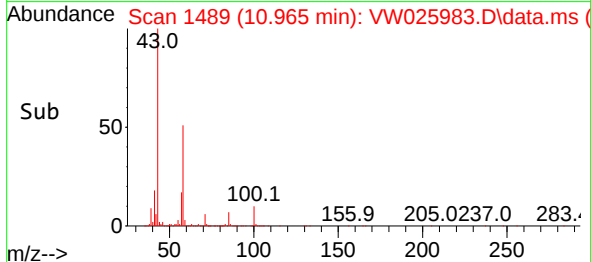
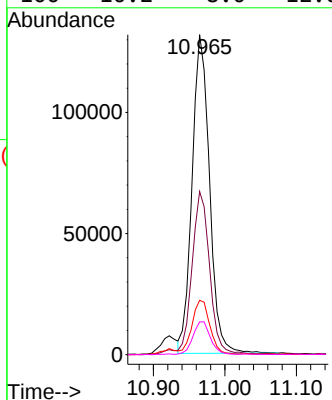
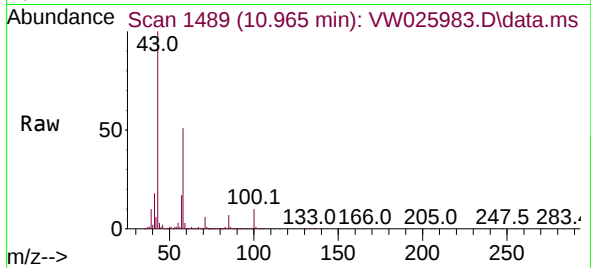


#48
2-Hexanone
Concen: 48.715 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

Tgt Ion: 43 Resp: 222779

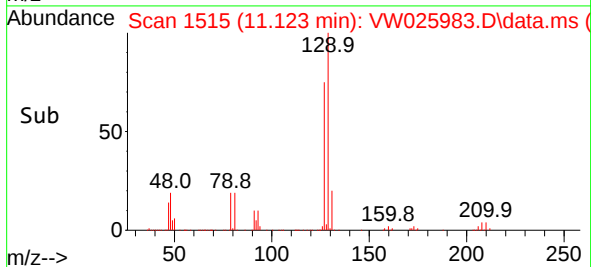
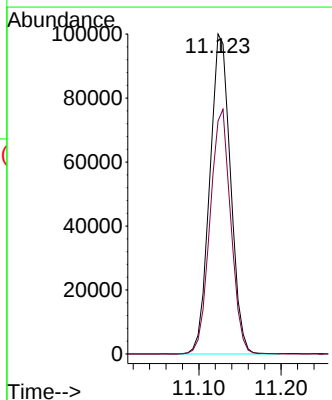
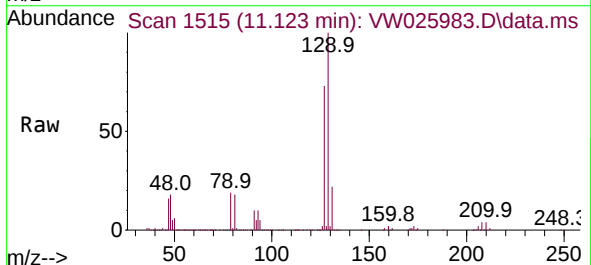
Ion	Ratio	Lower	Upper
43	100		
58	51.8	40.8	61.2
57	17.6	13.6	20.4
100	10.2	8.0	12.0

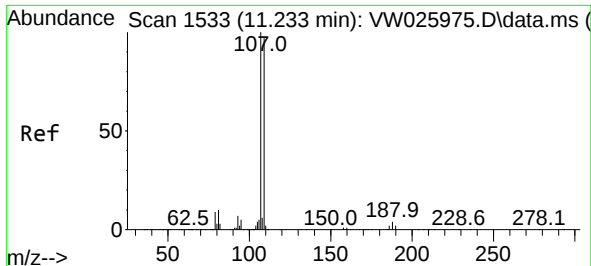


#49
Dibromochloromethane
Concen: 25.774 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion: 129 Resp: 175051

Ion	Ratio	Lower	Upper
129	100		
127	72.8	56.1	104.3





#50

1,2-Dibromoethane

Concen: 25.309 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

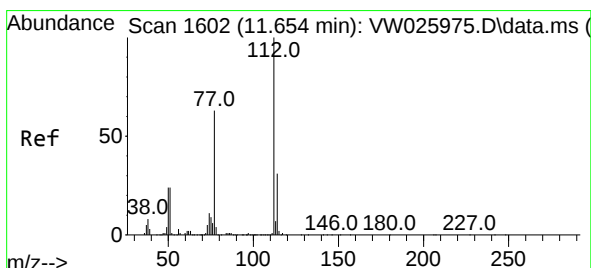
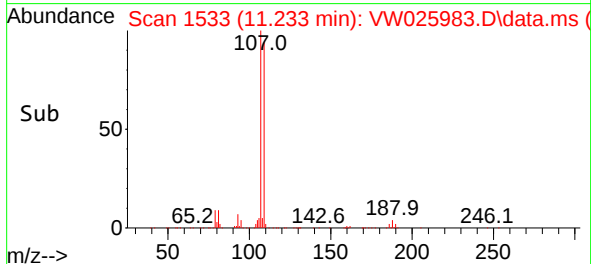
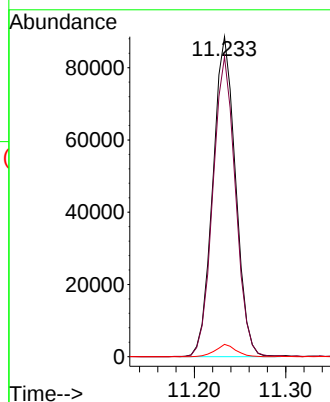
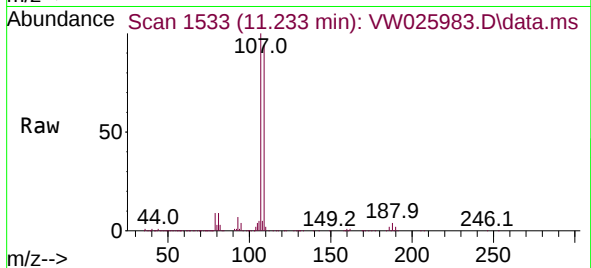
Tgt Ion:107 Resp: 153063

Ion Ratio Lower Upper

107 100

109 93.7 67.5 125.4

188 4.1 2.6 4.0#



#51

Chlorobenzene

Concen: 24.420 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

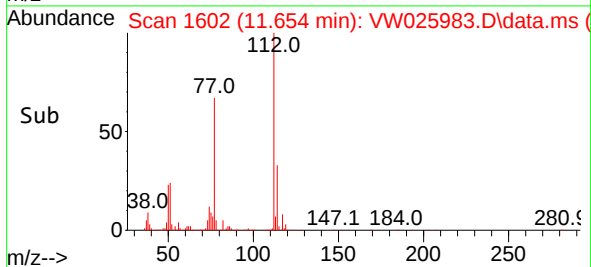
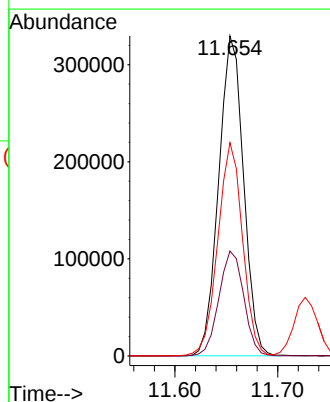
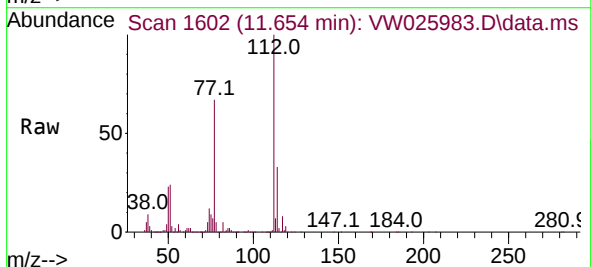
Tgt Ion:112 Resp: 553313

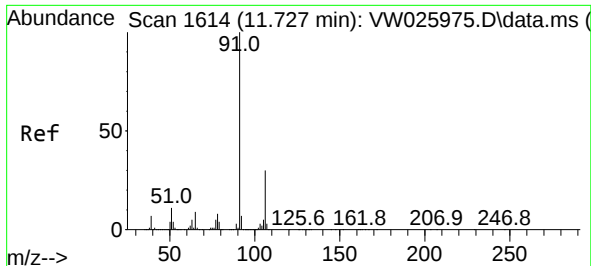
Ion Ratio Lower Upper

112 100

114 32.8 22.7 42.3

77 66.6 53.0 79.6

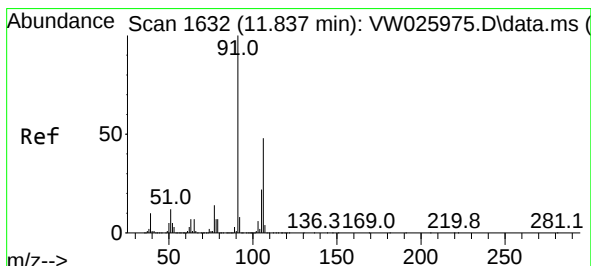
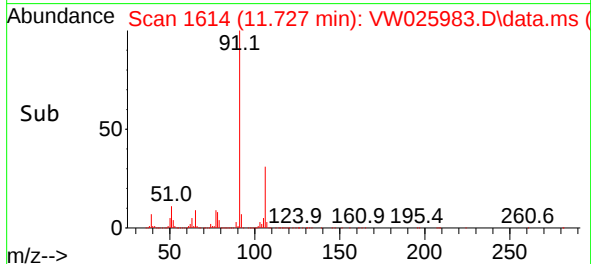
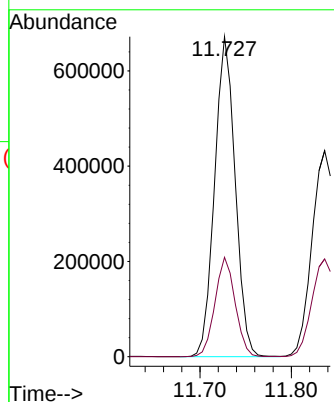
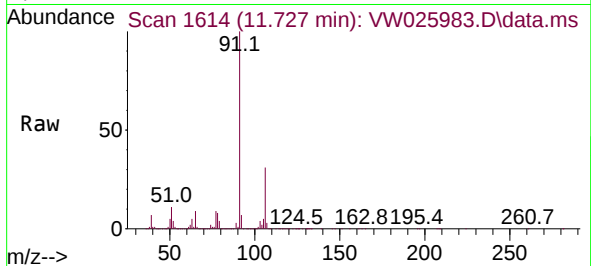




#52
Ethylbenzene
Concen: 25.541 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

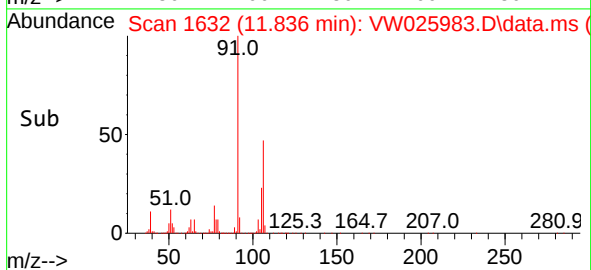
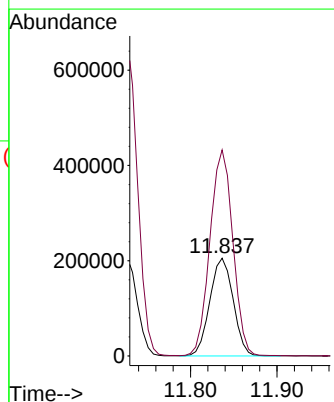
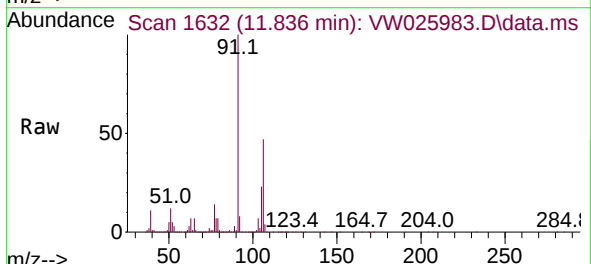
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

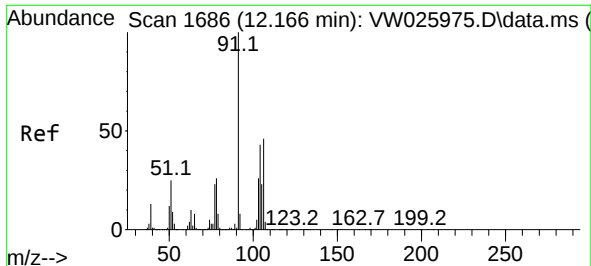
Tgt Ion: 91 Resp: 1050834
Ion Ratio Lower Upper
91 100
106 31.1 20.8 38.6



#53
m,p-Xylene
Concen: 25.409 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion: 106 Resp: 384760
Ion Ratio Lower Upper
106 100
91 210.9 150.1 278.9

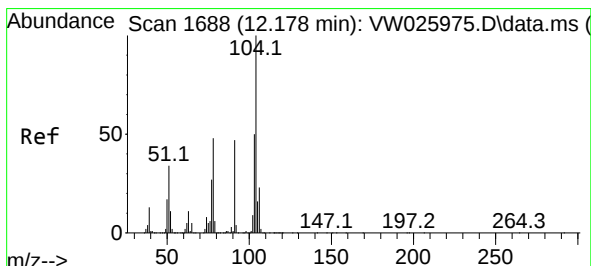
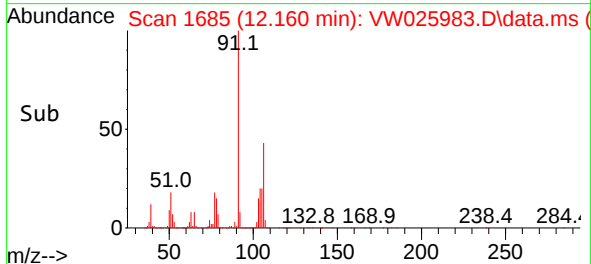
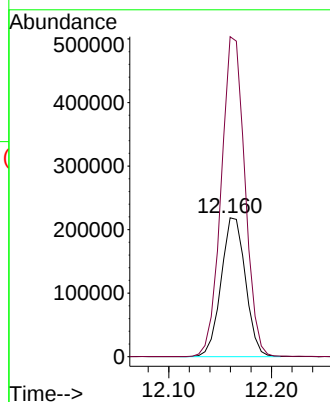
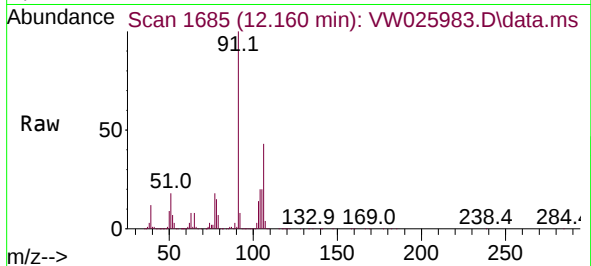




#54
o-Xylene
Concen: 25.229 ug/L
RT: 12.160 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

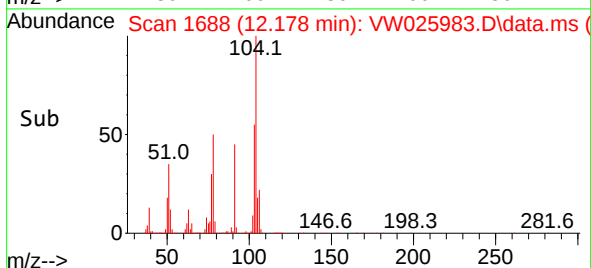
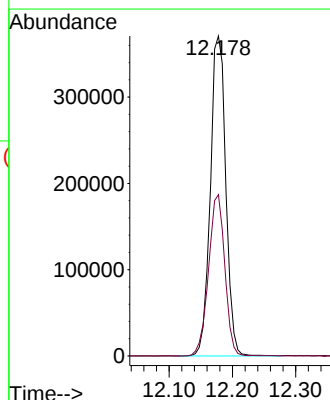
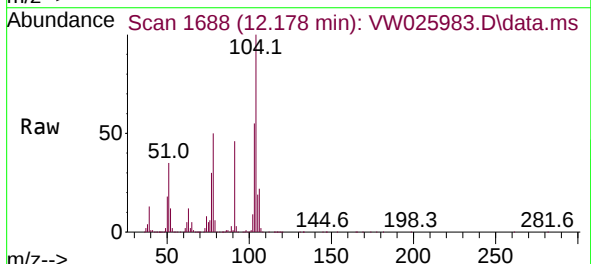
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

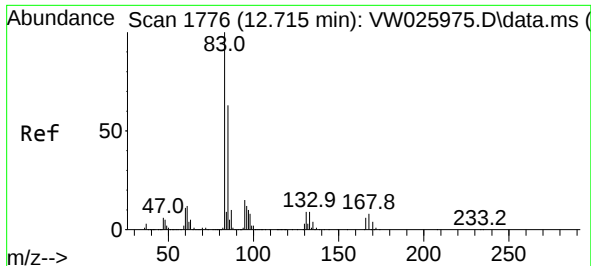
Tgt Ion:106 Resp: 360079
Ion Ratio Lower Upper
106 100
91 230.3 157.8 293.1



#55
Styrene
Concen: 25.819 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion:104 Resp: 630721
Ion Ratio Lower Upper
104 100
78 50.4 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.732 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

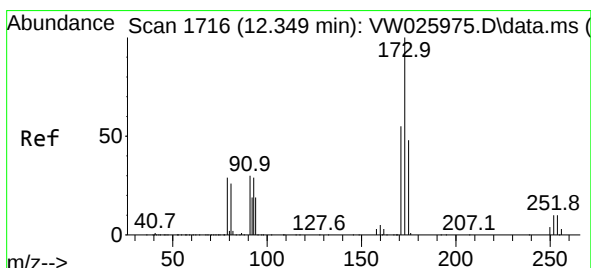
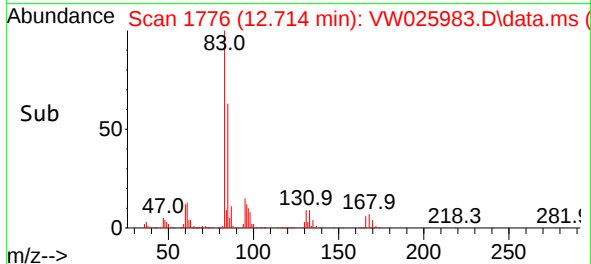
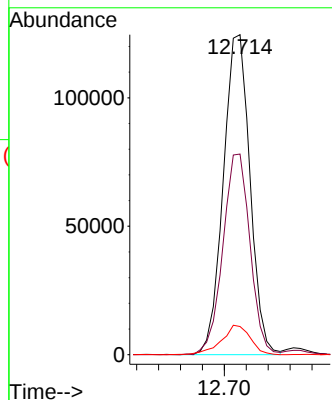
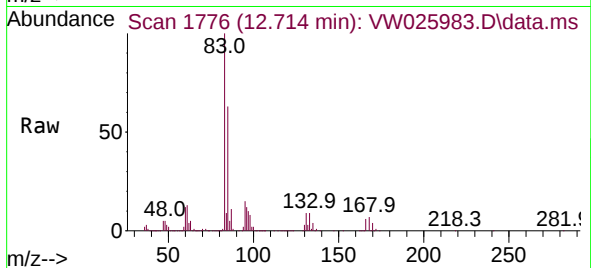
Tgt Ion: 83 Resp: 210633

Ion Ratio Lower Upper

83 100

85 62.7 45.6 84.8

131 8.8 8.1 12.1



#59

Bromoform

Concen: 26.576 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

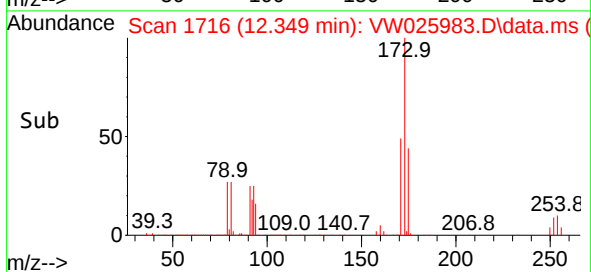
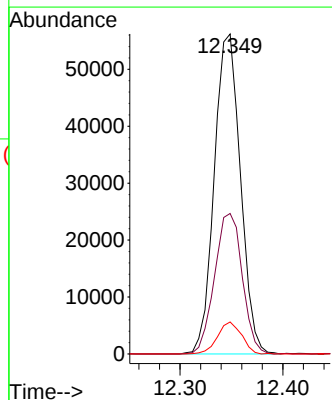
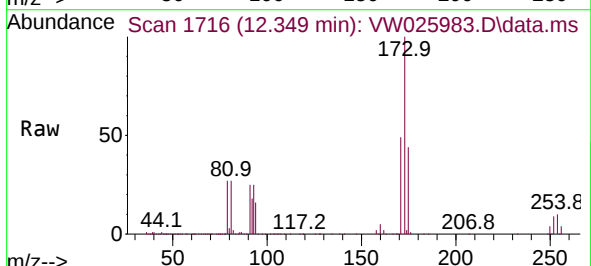
Tgt Ion: 173 Resp: 99298

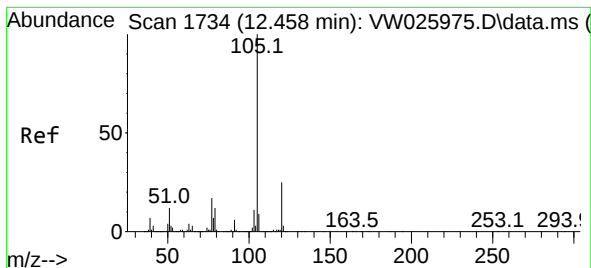
Ion Ratio Lower Upper

173 100

175 46.4 38.6 57.8

254 9.2 7.6 11.4





#60

Isopropylbenzene

Concen: 26.669 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

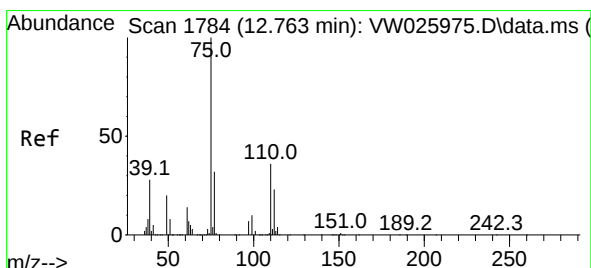
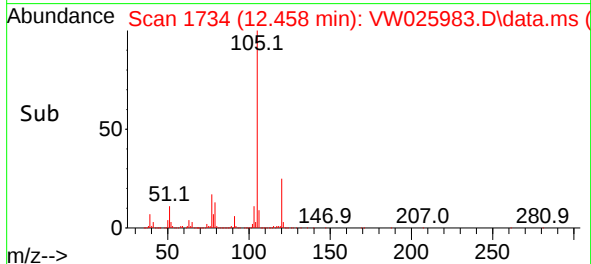
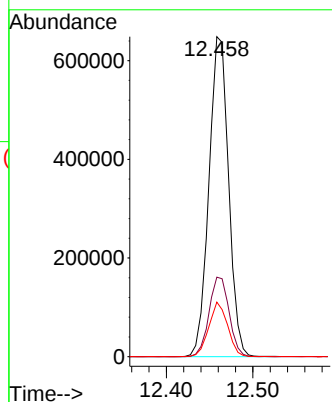
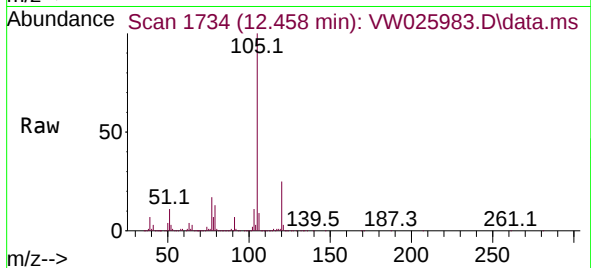
Tgt Ion:105 Resp: 1022560

Ion Ratio Lower Upper

105 100

120 25.3 21.1 31.7

77 16.3 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 26.126 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

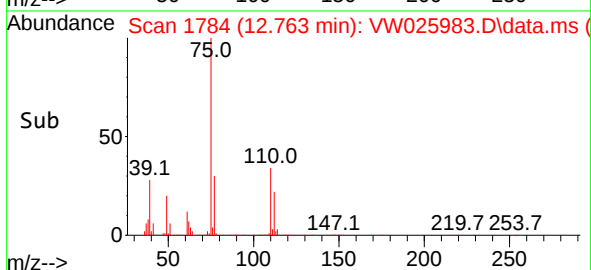
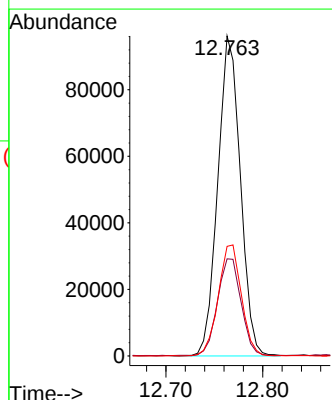
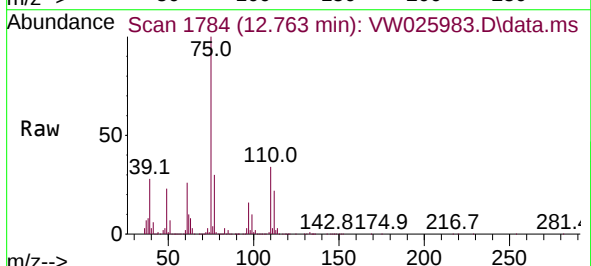
Tgt Ion: 75 Resp: 155753

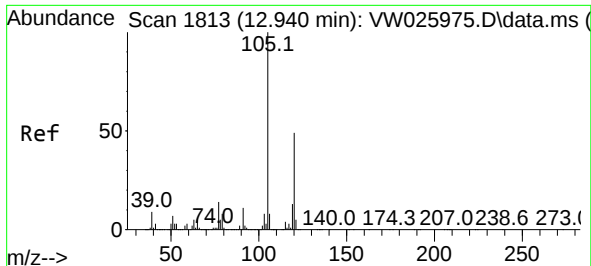
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

110 35.6 27.6 41.4

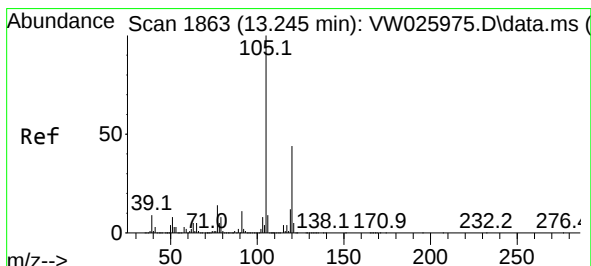
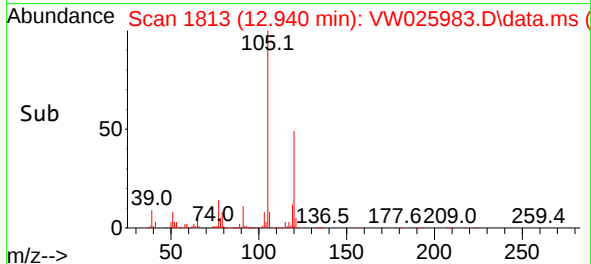
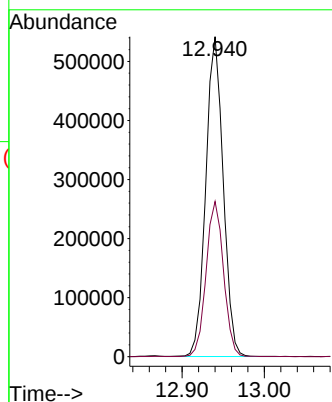
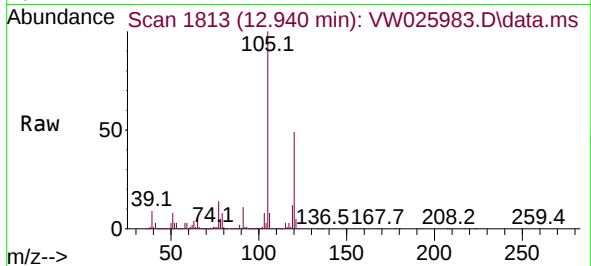




#62
1,3,5-Trimethylbenzene
Concen: 26.212 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

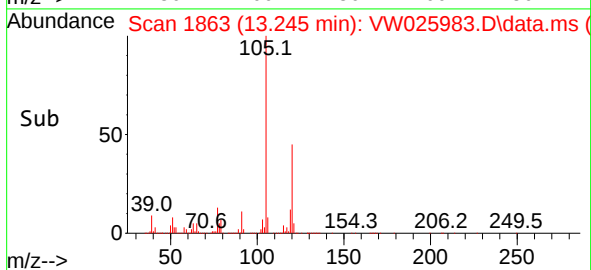
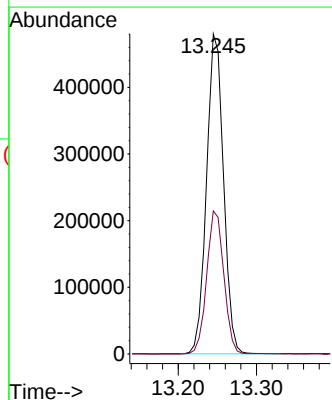
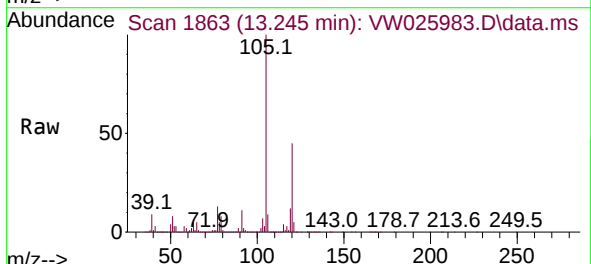
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

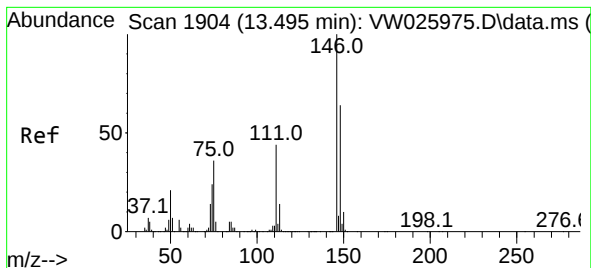
Tgt Ion:105 Resp: 796044
Ion Ratio Lower Upper
105 100
120 48.6 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 25.720 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion:105 Resp: 720787
Ion Ratio Lower Upper
105 100
120 45.1 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 24.972 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

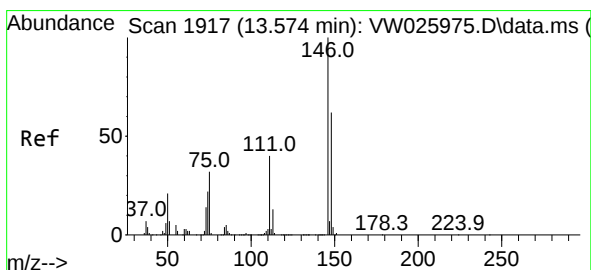
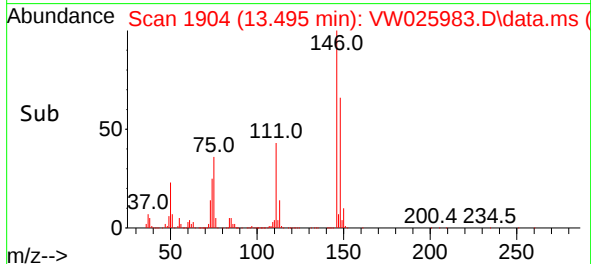
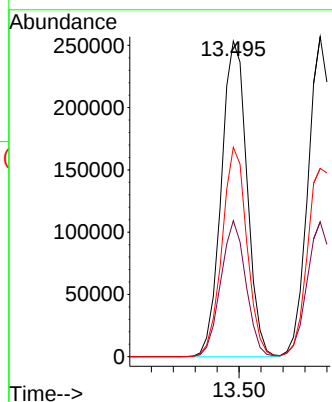
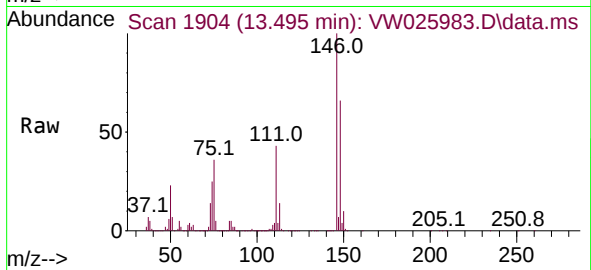
Tgt Ion:146 Resp: 412191

Ion Ratio Lower Upper

146 100

111 43.1 30.4 56.4

148 66.4 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 24.774 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

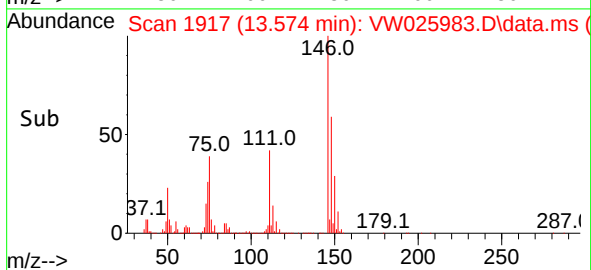
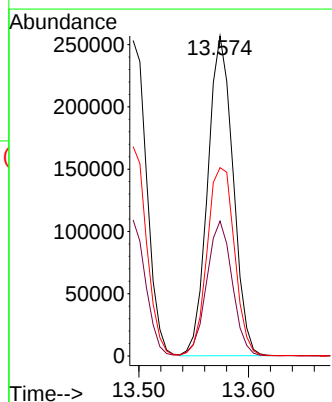
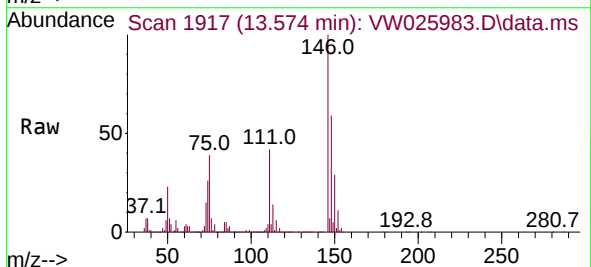
Tgt Ion:146 Resp: 413127

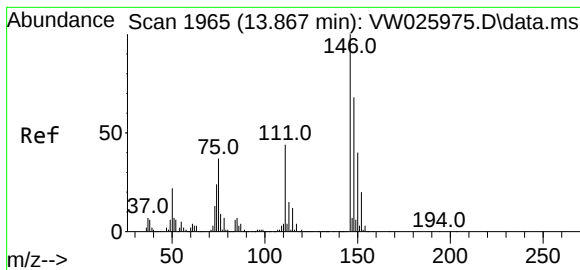
Ion Ratio Lower Upper

146 100

111 42.2 27.9 51.9

148 58.9 44.7 82.9

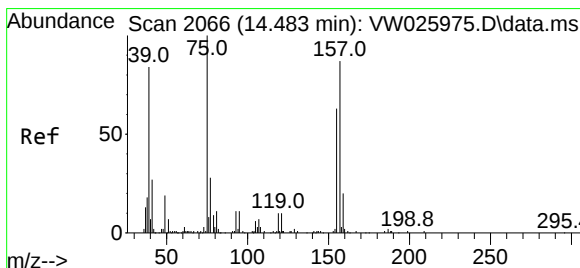
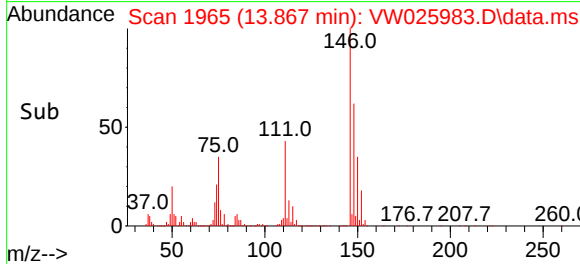
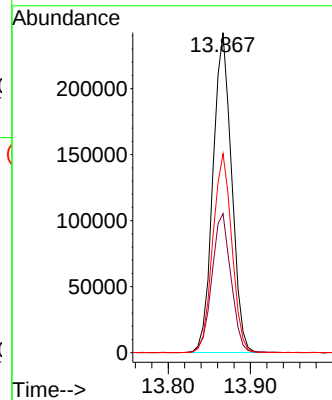
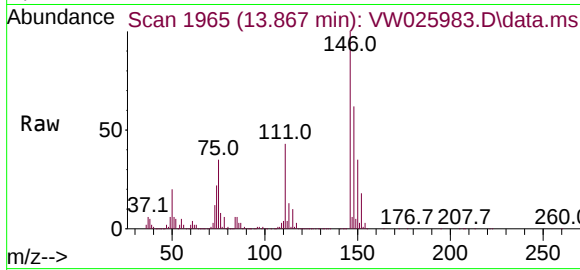




#67
1,2-Dichlorobenzene
Concen: 25.923 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

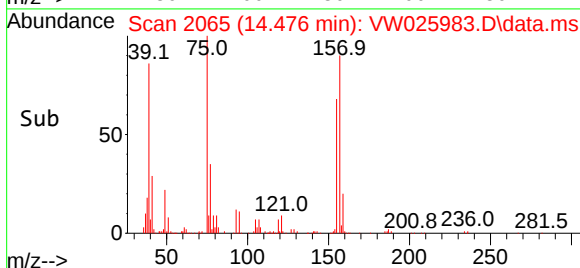
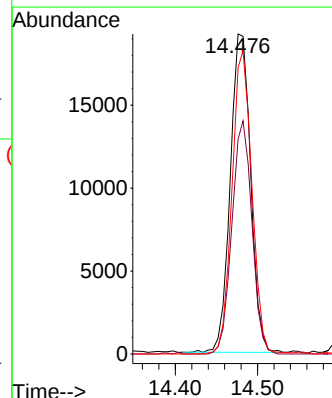
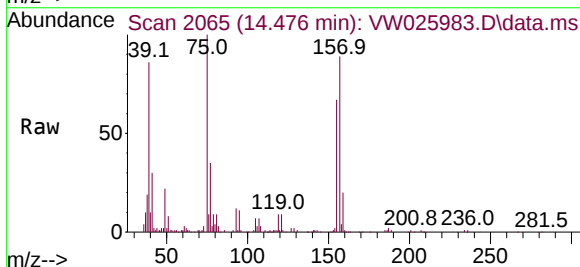
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

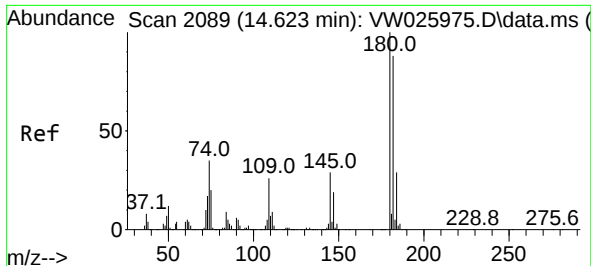
Tgt Ion:146 Resp: 381594
Ion Ratio Lower Upper
146 100
111 43.4 37.7 56.5
148 62.2 49.4 74.0



#68
1,2-Dibromo-3-chloropropane
Concen: 23.893 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW025983.D
Acq: 15 May 2023 17:00

Tgt Ion: 75 Resp: 33030
Ion Ratio Lower Upper
75 100
155 67.1 56.3 84.5
157 89.5 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 23.402 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

Tgt Ion:180 Resp: 256404

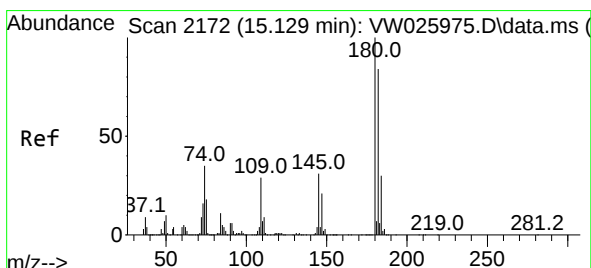
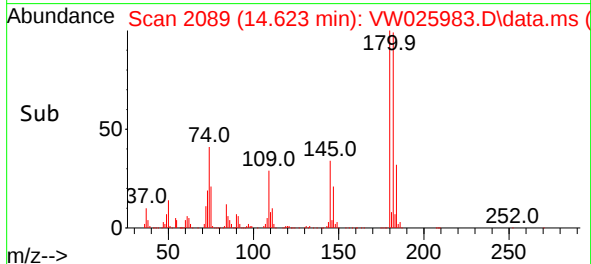
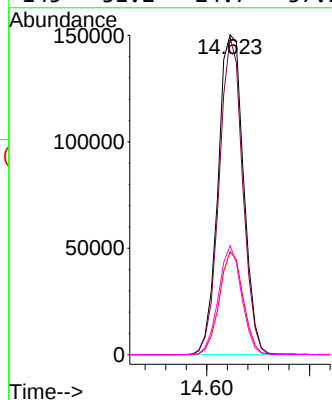
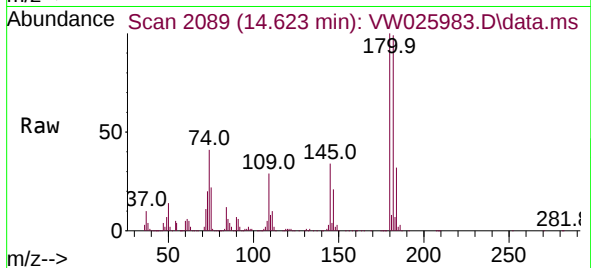
Ion Ratio Lower Upper

180 100

182 91.8 77.4 116.0

184 30.2 24.7 37.1

145 31.2 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 23.817 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

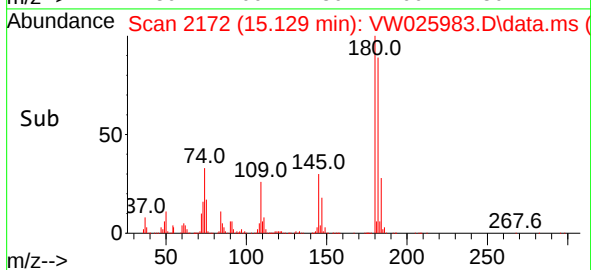
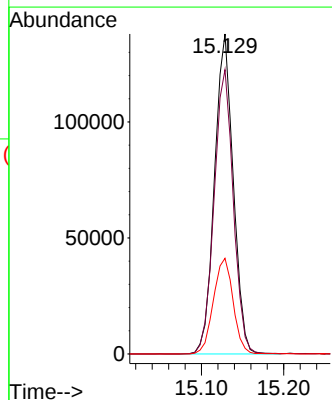
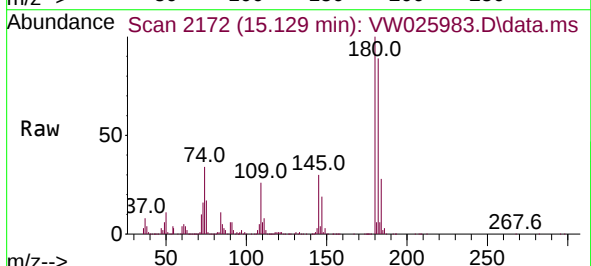
Tgt Ion:180 Resp: 218620

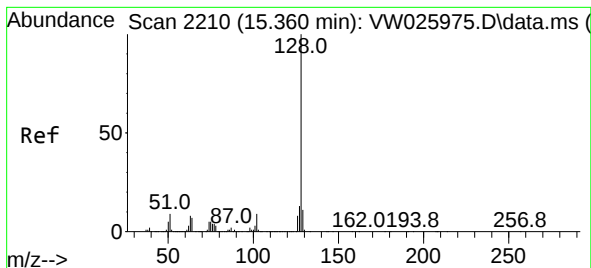
Ion Ratio Lower Upper

180 100

182 90.7 74.3 111.5

145 31.3 25.4 38.0





#71

Naphthalene

Concen: 24.697 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

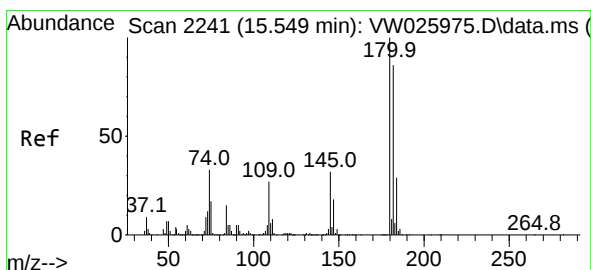
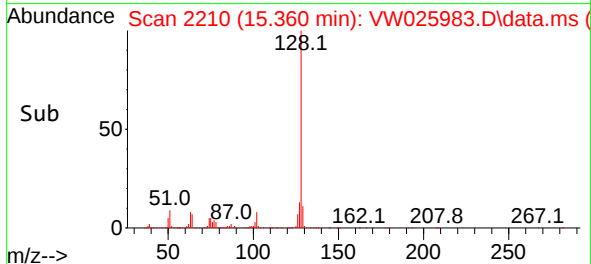
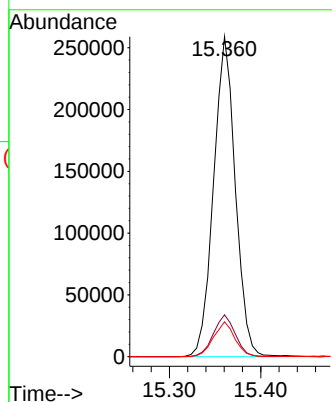
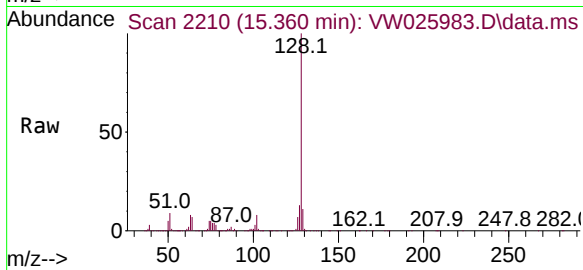
Tgt Ion:128 Resp: 427875

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.037 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025983.D

Acq: 15 May 2023 17:00

Tgt Ion:180 Resp: 195766

Ion Ratio Lower Upper

180 100

182 93.8 76.1 114.1

145 34.4 28.0 42.0

