

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
 Data File : VW025995.D
 Acq On : 18 May 2023 15:52
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Quant Time: May 19 04:39:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 19 04:36:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	475950	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	429627	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	217474	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	159281	23.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.480%
7) Chloroethane-d5	2.899	69	132924	26.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.320%
11) 1,1-Dichloroethene-d2	4.021	65	77212	22.863	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.440%
21) 2-Butanone-d5	7.075	46	133138	59.712	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.420%
24) Chloroform-d	7.648	84	356290	25.961	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.840%
26) 1,2-Dichloroethane-d4	8.307	65	194496	25.062	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.240%
32) Benzene-d6	8.276	84	692301	24.661	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.640%
36) 1,2-Dichloropropane-d6	9.276	67	226964	25.269	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.080%
41) Toluene-d8	10.319	98	594470	23.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	10.575	79	84538	23.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.880%
47) 2-Hexanone-d5	10.922	63	92255	60.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	197660	28.873	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	195270	24.631	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	146185	27.492	ug/L	# 84
3) Chloromethane	2.222	50	193555	24.687	ug/L	99
5) Vinyl chloride	2.375	62	213372	26.293	ug/L	99
6) Bromomethane	2.789	94	111822	25.335	ug/L	98
8) Chloroethane	2.936	64	123189	26.697	ug/L	100
9) Trichlorofluoromethane	3.265	101	135265	22.087	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	183771	27.591	ug/L	99
12) 1,1-Dichloroethene	4.051	96	160518	25.217	ug/L	95
13) Acetone	4.118	43	83590	42.280	ug/L	99
14) Carbon disulfide	4.393	76	501022	23.275	ug/L	99
15) Methyl Acetate	4.667	43	102566	26.326	ug/L	99
16) Methylene chloride	4.917	84	176965	18.029	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	168185	24.220	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	259836	24.654	ug/L	100
19) 1,1-Dichloroethane	6.216	63	359247	25.180	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	185394	24.885	ug/L	98
22) 2-Butanone	7.167	43	132083	48.383	ug/L	99
23) Bromochloromethane	7.514	128	79882	25.310	ug/L	87
25) Chloroform	7.673	83	335137	25.558	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
 Data File : VW025995.D
 Acq On : 18 May 2023 15:52
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Quant Time: May 19 04:39:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 19 04:36:54 2023
 Response via : Initial Calibration

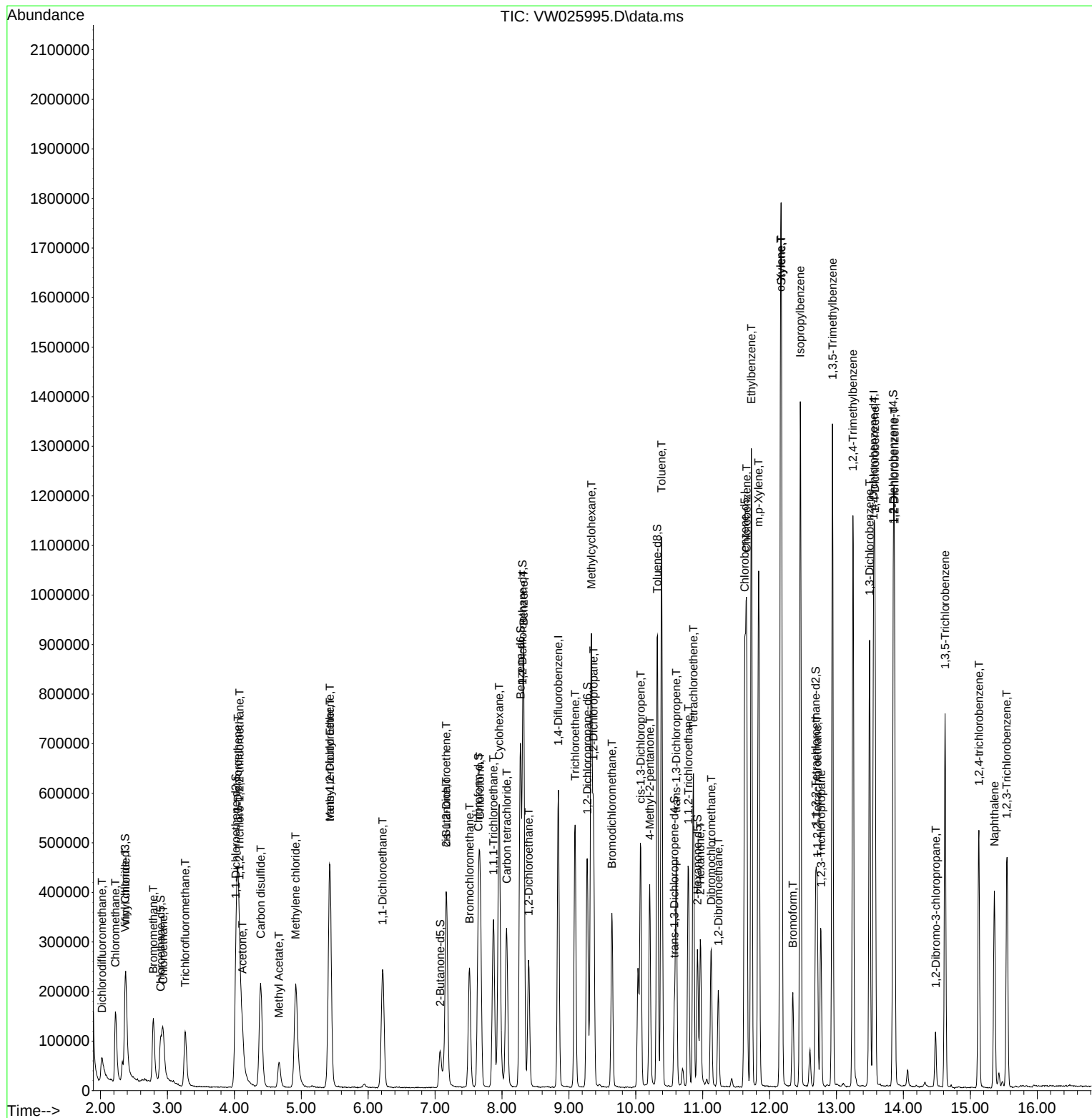
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	232976	25.017	ug/L	99
29) Cyclohexane	7.959	56	331099	24.869	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	271263	25.817	ug/L	100
31) Carbon tetrachloride	8.069	117	245748	25.990	ug/L	100
33) Benzene	8.325	78	754222	25.374	ug/L	100
34) Trichloroethene	9.093	95	186896	24.503	ug/L	98
35) Methylcyclohexane	9.337	83	334303	24.643	ug/L	98
37) 1,2-Dichloropropane	9.367	63	204519	25.114	ug/L	100
38) Bromodichloromethane	9.642	83	231972	24.829	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	283087	23.704	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	281575	53.120	ug/L	99
42) Toluene	10.386	91	781992	25.748	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	239655	24.219	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	140600	25.810	ug/L	97
46) Tetrachloroethene	10.861	164	134598	25.084	ug/L	97
48) 2-Hexanone	10.965	43	195458	51.472	ug/L	97
49) Dibromochloromethane	11.129	129	142985	25.353	ug/L	94
50) 1,2-Dibromoethane	11.233	107	129350	25.757	ug/L	97
51) Chlorobenzene	11.654	112	463198	24.619	ug/L	98
52) Ethylbenzene	11.727	91	867892	25.404	ug/L	99
53) m,p-Xylene	11.837	106	317700	25.267	ug/L	96
54) o-Xylene	12.166	106	297679	25.117	ug/L	96
55) Styrene	12.178	104	522343	25.750	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	182460	26.843	ug/L	99
59) Bromoform	12.349	173	83537	25.933	ug/L	98
60) Isopropylbenzene	12.458	105	857117	25.928	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	132186	25.719	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	666596	25.459	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	590630	24.445	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	342483	24.067	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	339949	23.645	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	316945	24.974	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	29607	24.842	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	214952	22.756	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	152287	19.244	ug/L	96
71) Naphthalene	15.360	128	324373	21.717	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	146947	20.928	ug/L	97

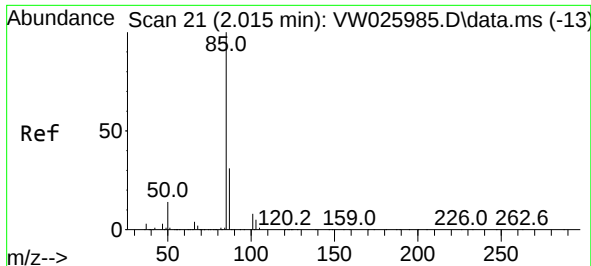
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
Data File : VW025995.D
Acq On : 18 May 2023 15:52
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

Quant Time: May 19 04:39:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 19 04:36:54 2023
Response via : Initial Calibration

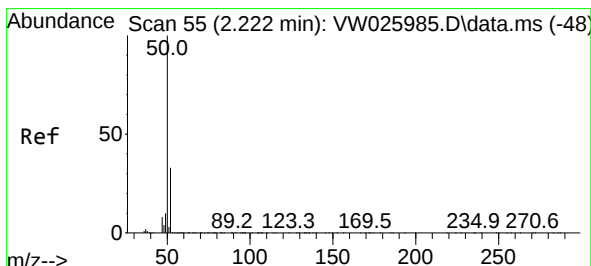
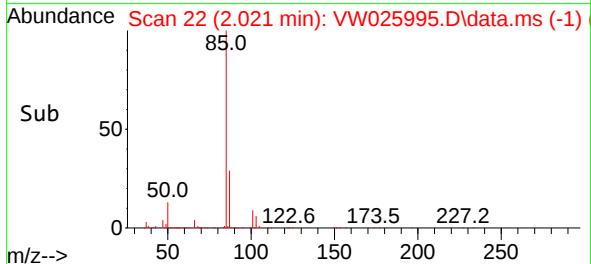
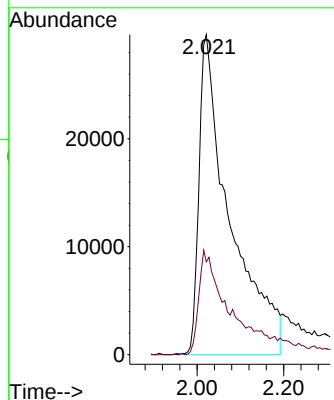
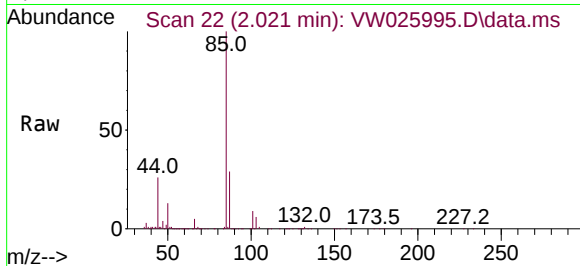




#2
 Dichlorodifluoromethane
 Concen: 27.492 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025995.D
 Acq: 18 May 2023 15:52

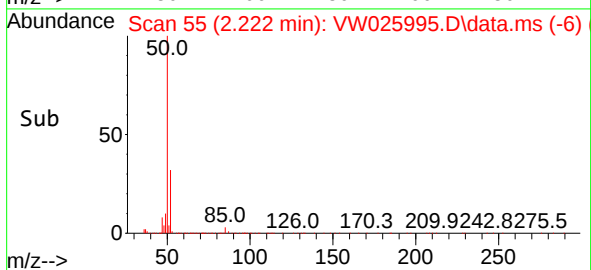
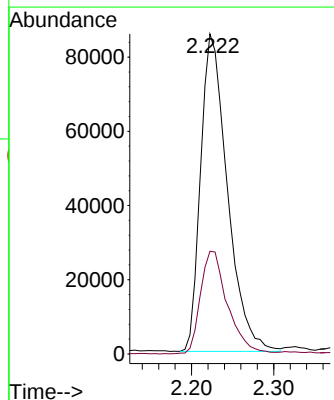
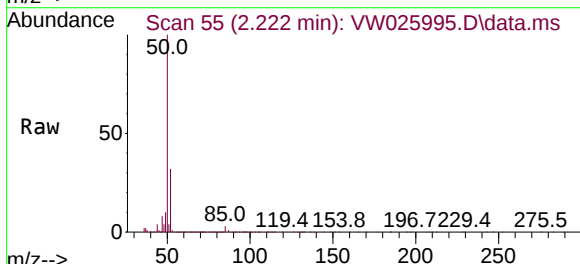
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

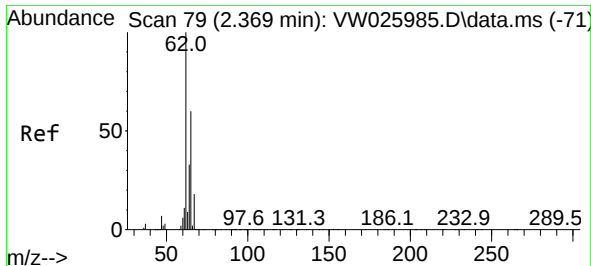
Tgt Ion: 85 Resp: 146185
 Ion Ratio Lower Upper
 85 100
 87 21.9 24.7 37.1#



#3
 Chloromethane
 Concen: 24.687 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025995.D
 Acq: 18 May 2023 15:52

Tgt Ion: 50 Resp: 193555
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.1 41.1

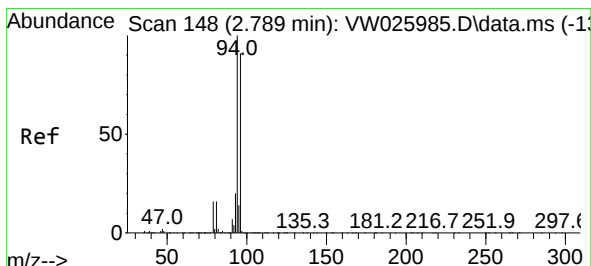
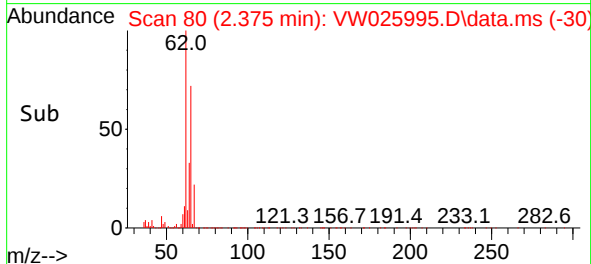
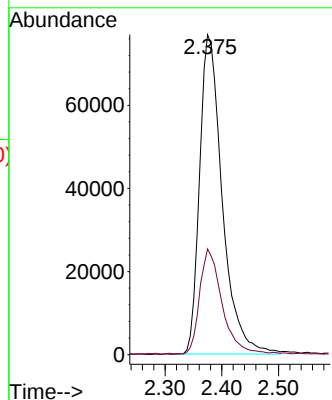
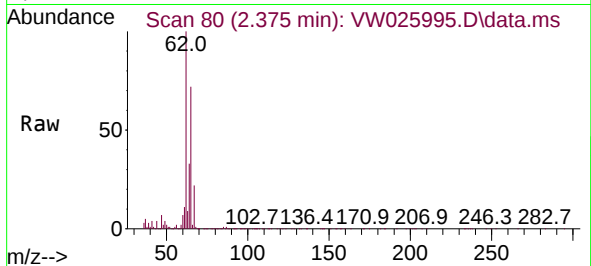




#5
 Vinyl chloride
 Concen: 26.293 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW025995.D
 Acq: 18 May 2023 15:52

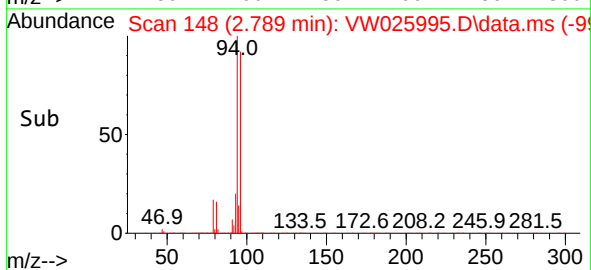
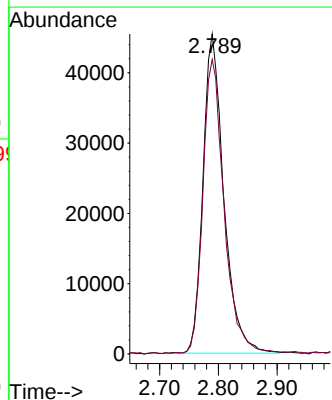
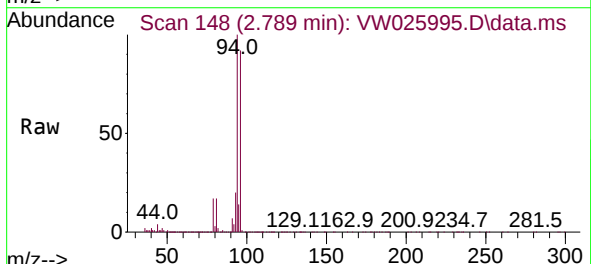
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

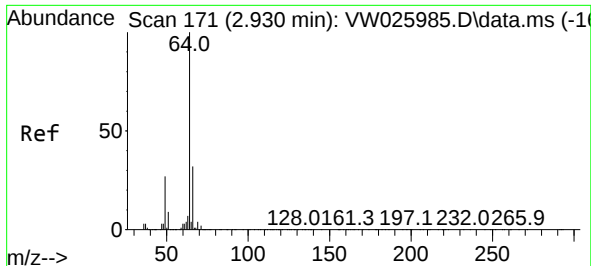
Tgt Ion: 62 Resp: 213372
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.7 42.3



#6
 Bromomethane
 Concen: 25.335 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025995.D
 Acq: 18 May 2023 15:52

Tgt Ion: 94 Resp: 111822
 Ion Ratio Lower Upper
 94 100
 96 92.0 63.1 117.1

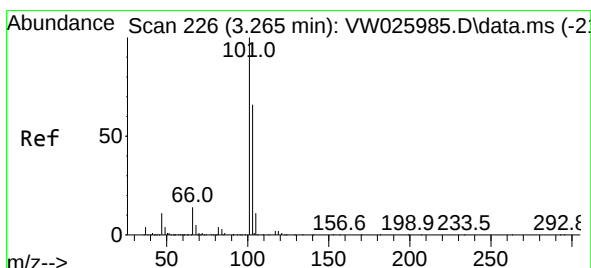
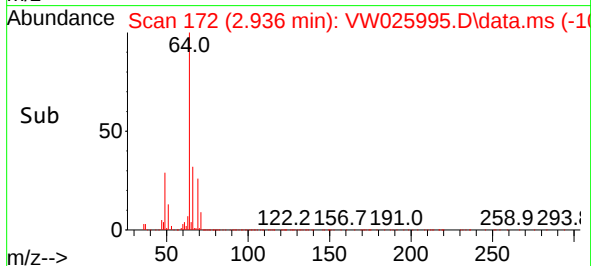
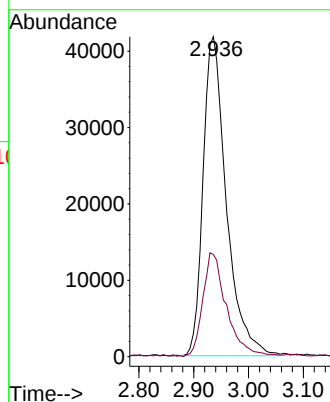
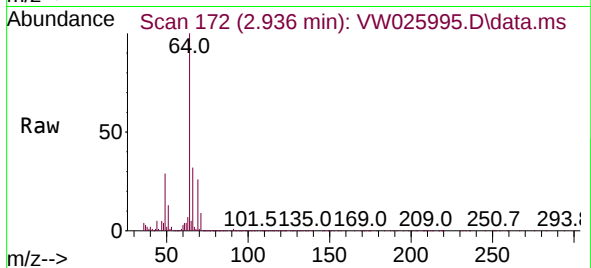




#8
Chloroethane
Concen: 26.697 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

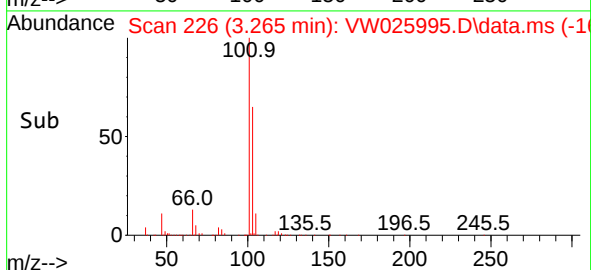
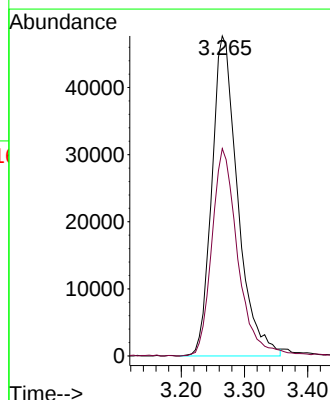
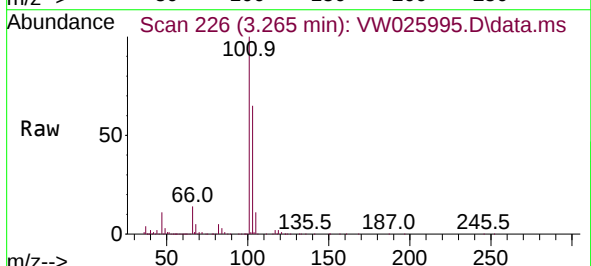
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

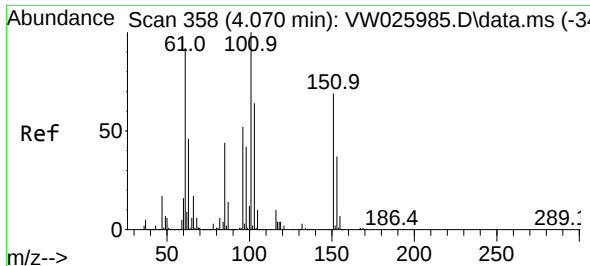
Tgt Ion: 64 Resp: 123189
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 22.087 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion:101 Resp: 135265
Ion Ratio Lower Upper
101 100
103 65.0 50.6 76.0

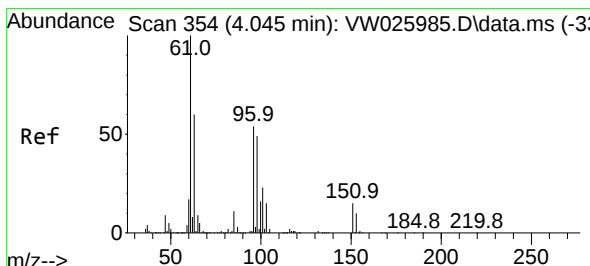
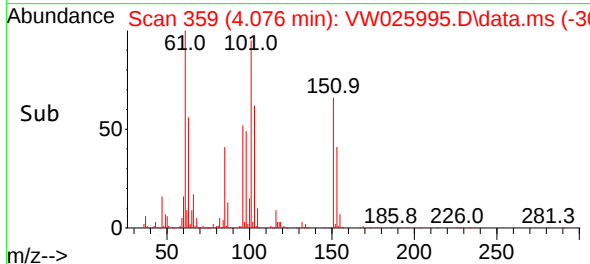
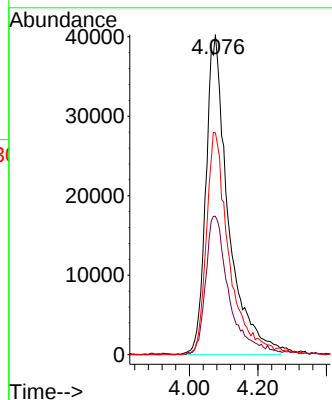
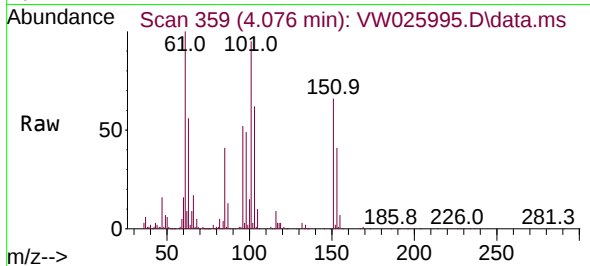




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.591 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW025995.D
 Acq: 18 May 2023 15:52

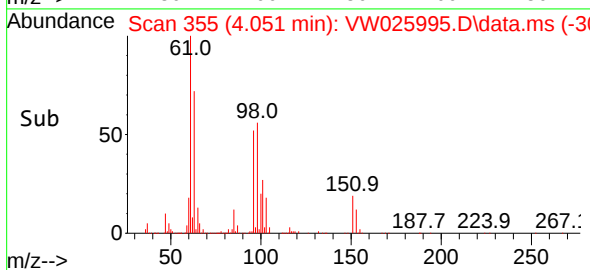
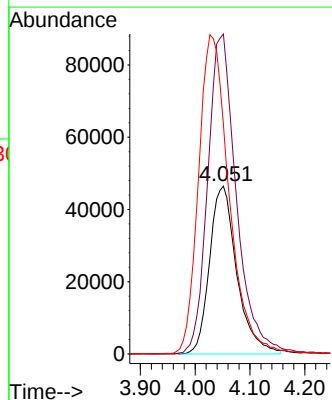
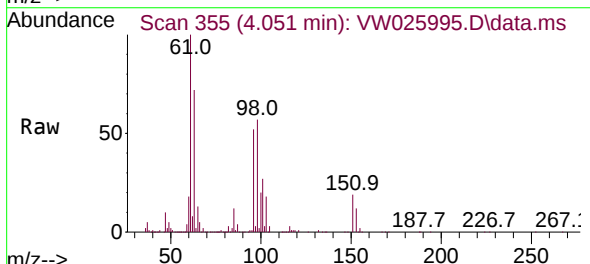
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

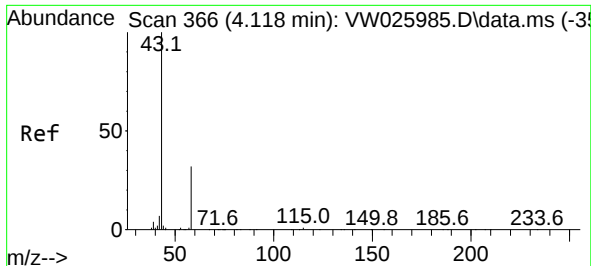
Tgt Ion:101 Resp: 183771
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.9 50.9
 151 66.1 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 25.217 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW025995.D
 Acq: 18 May 2023 15:52

Tgt Ion: 96 Resp: 160518
 Ion Ratio Lower Upper
 96 100
 61 190.6 135.0 250.8
 63 136.8 104.9 194.7

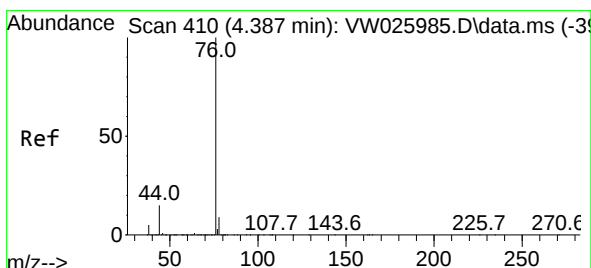
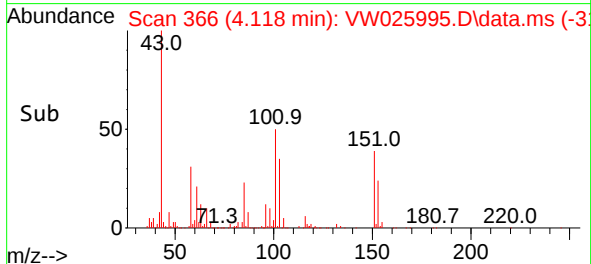
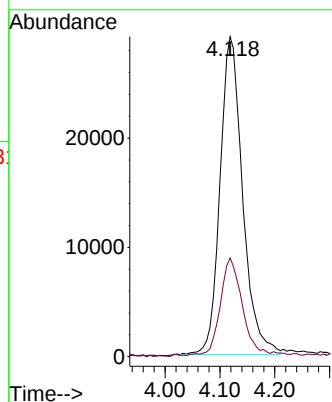
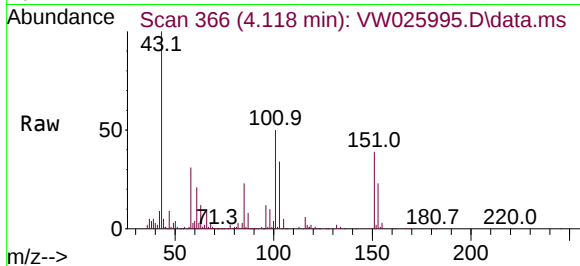




#13
Acetone
Concen: 42.280 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

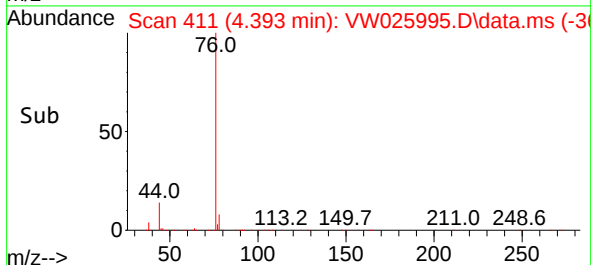
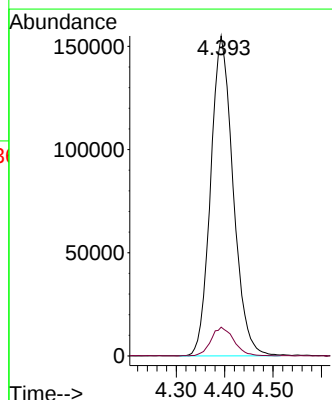
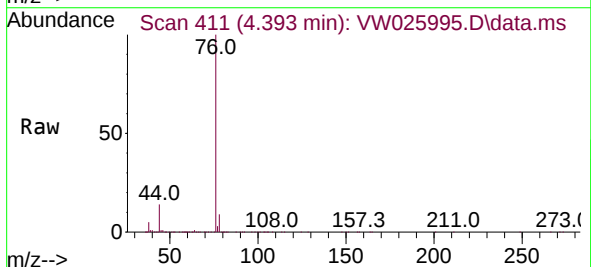
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

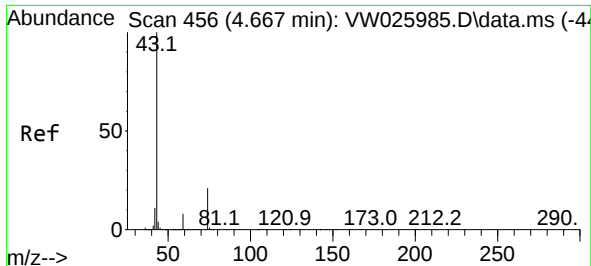
Tgt Ion: 43 Resp: 83590
Ion Ratio Lower Upper
43 100
58 29.6 0.0 58.2



#14
Carbon disulfide
Concen: 23.275 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion: 76 Resp: 501022
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

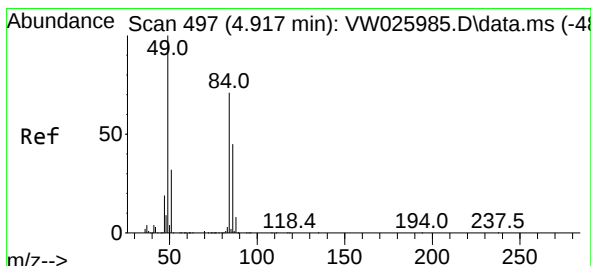
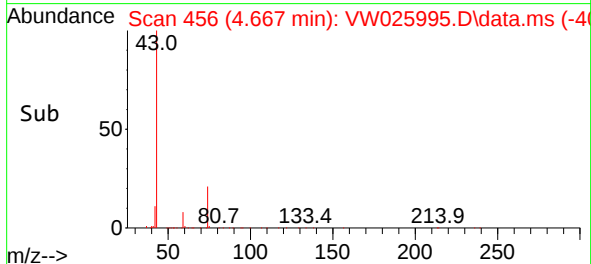
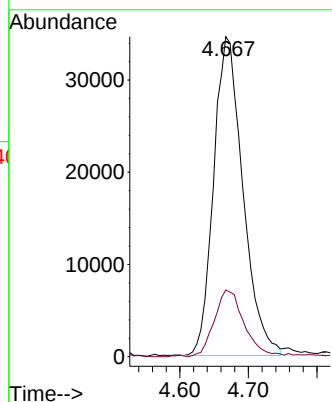
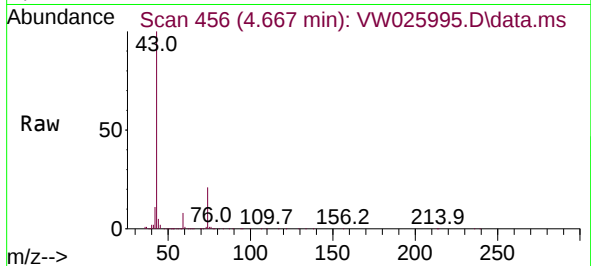




#15
Methyl Acetate
Concen: 26.326 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

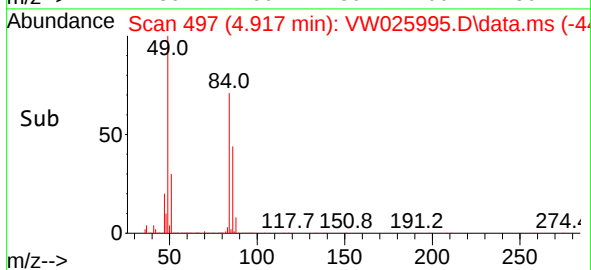
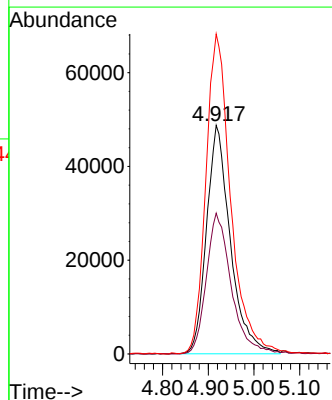
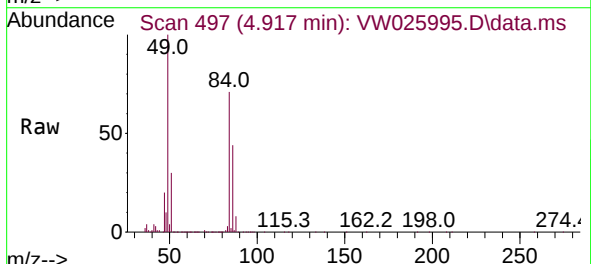
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

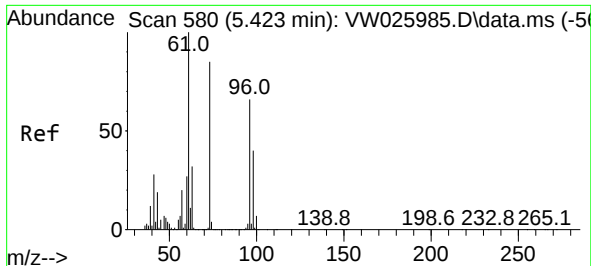
Tgt Ion: 43 Resp: 102566
Ion Ratio Lower Upper
43 100
74 21.3 16.5 24.7



#16
Methylene chloride
Concen: 18.029 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion: 84 Resp: 176965
Ion Ratio Lower Upper
84 100
86 61.6 41.7 77.5
49 140.0 95.3 177.1

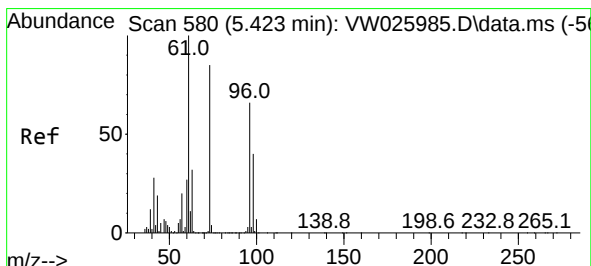
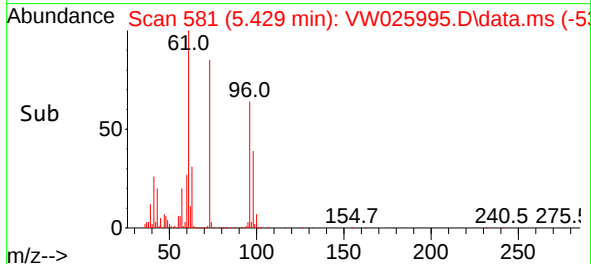
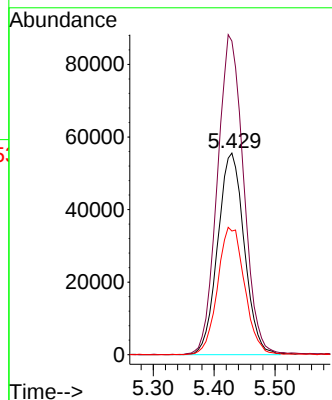
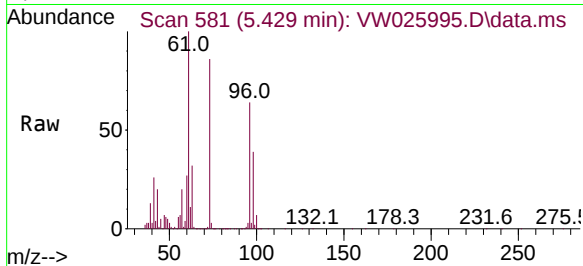




#17
trans-1,2-Dichloroethene
Concen: 24.220 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

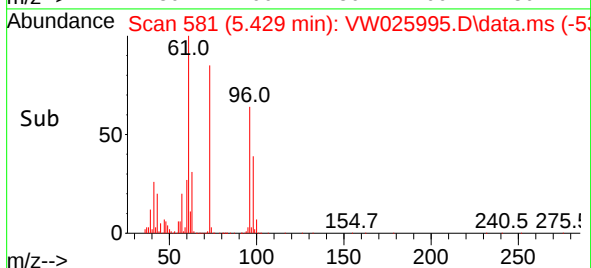
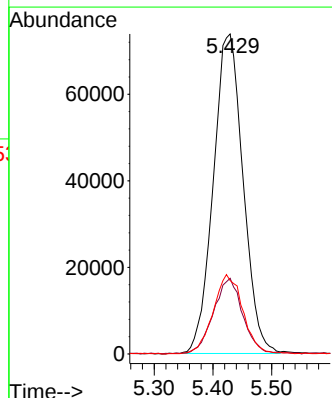
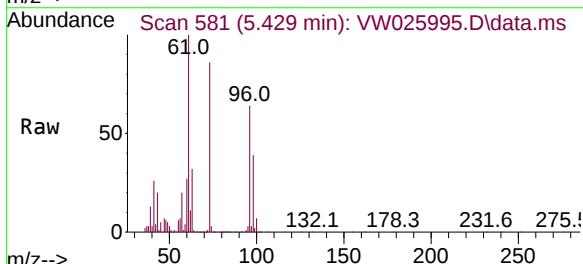
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

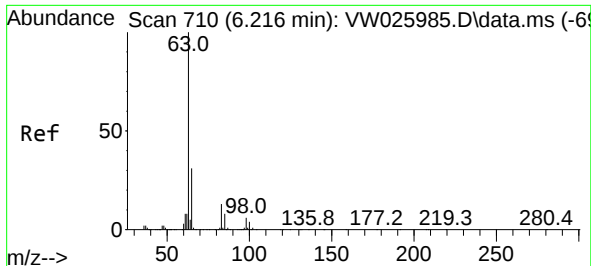
Tgt Ion: 96 Resp: 168185
Ion Ratio Lower Upper
96 100
61 155.5 108.1 200.9
98 61.3 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 24.654 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion: 73 Resp: 259836
Ion Ratio Lower Upper
73 100
43 22.8 18.2 27.4
57 24.5 19.2 28.8





#19

1,1-Dichloroethane

Concen: 25.180 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

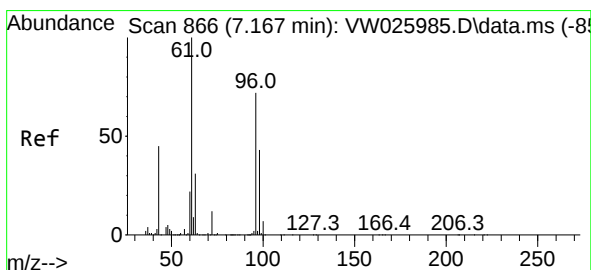
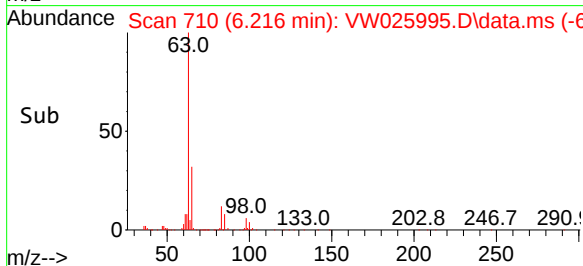
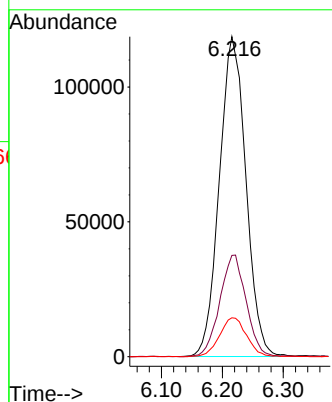
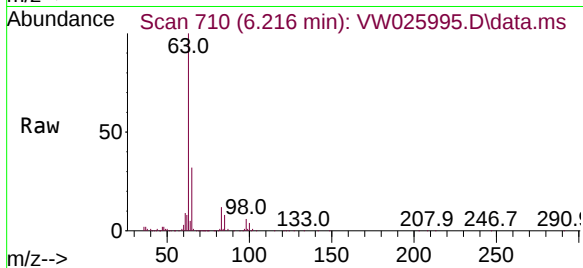
Tgt Ion: 63 Resp: 359247

Ion Ratio Lower Upper

63 100

65 31.7 22.4 41.6

83 12.2 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 24.885 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

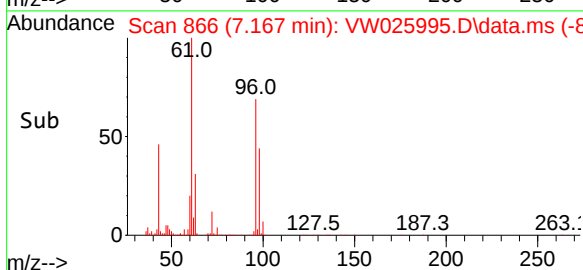
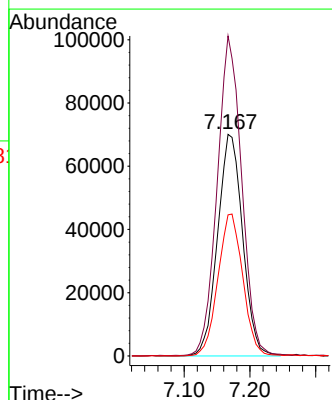
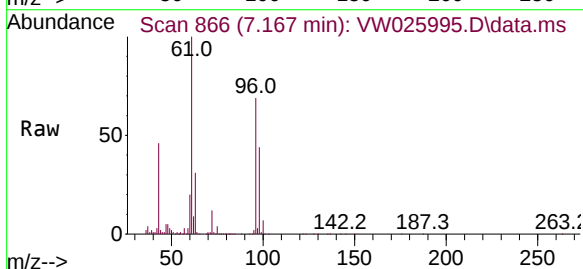
Tgt Ion: 96 Resp: 185394

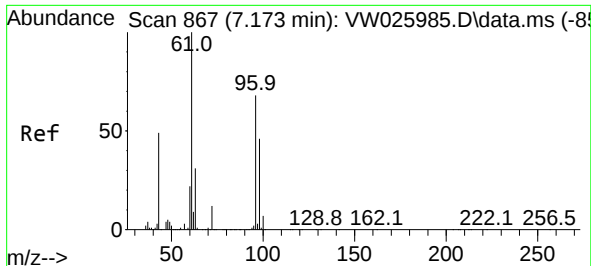
Ion Ratio Lower Upper

96 100

61 144.4 98.6 183.0

98 63.6 45.2 84.0

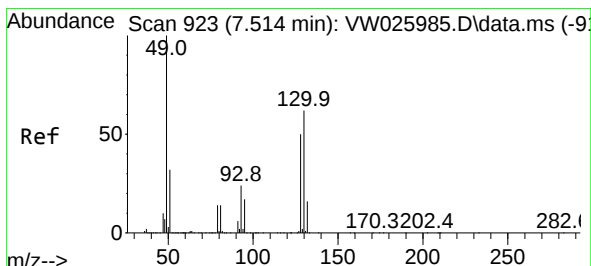
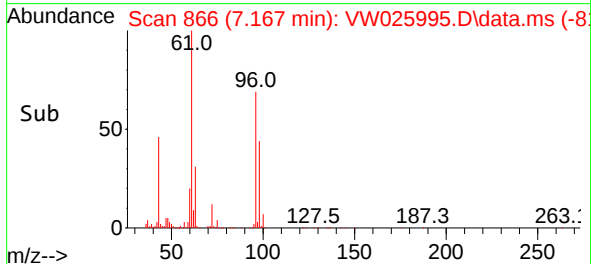
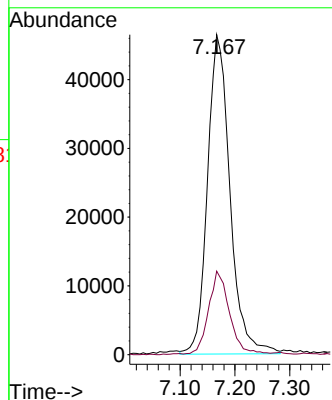
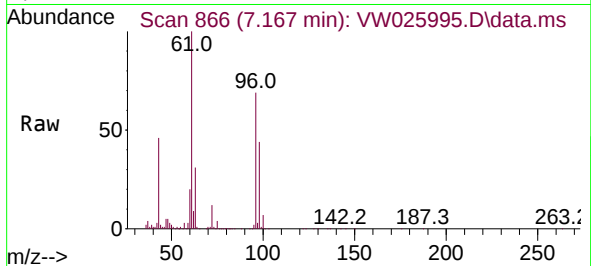




#22
2-Butanone
Concen: 48.383 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

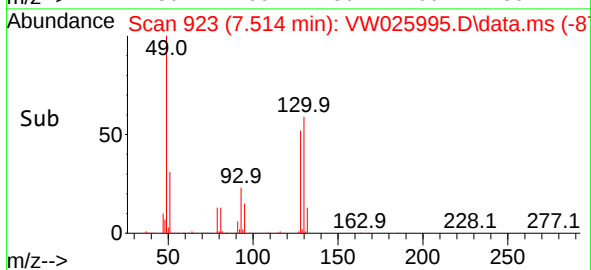
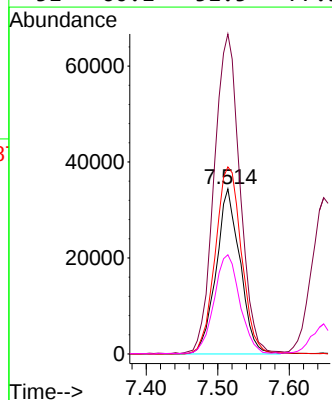
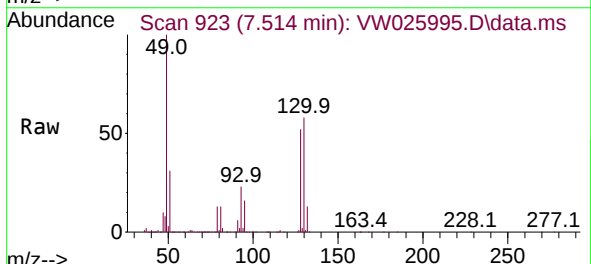
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

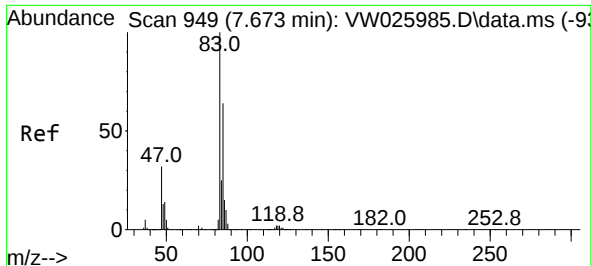
Tgt Ion: 43 Resp: 132083
Ion Ratio Lower Upper
43 100
72 24.3 11.8 35.4



#23
Bromochloromethane
Concen: 25.310 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion: 128 Resp: 79882
Ion Ratio Lower Upper
128 100
49 193.9 151.5 281.5
130 113.3 91.3 169.6
51 60.1 51.5 77.3

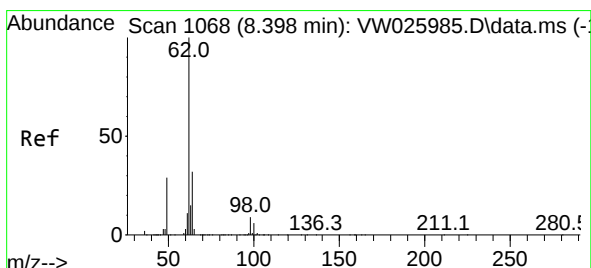
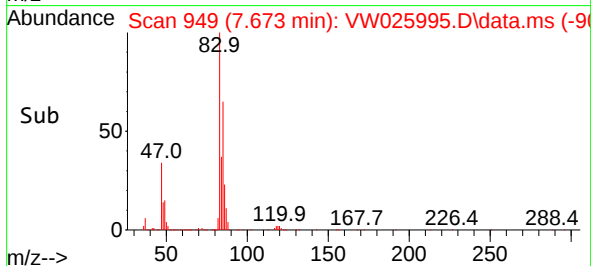
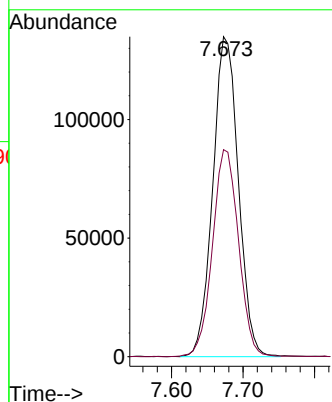
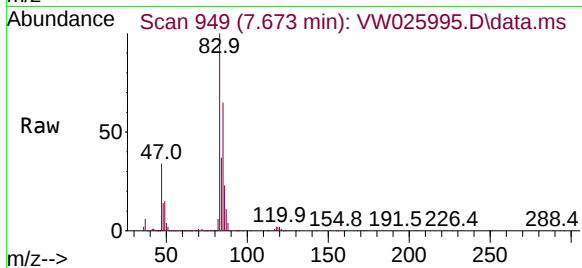




#25
Chloroform
Concen: 25.558 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

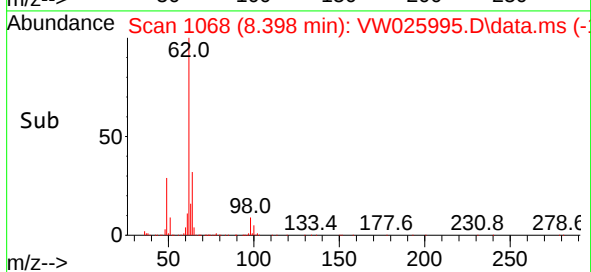
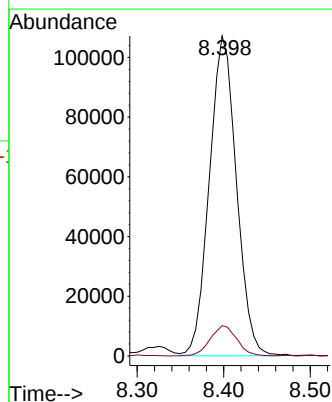
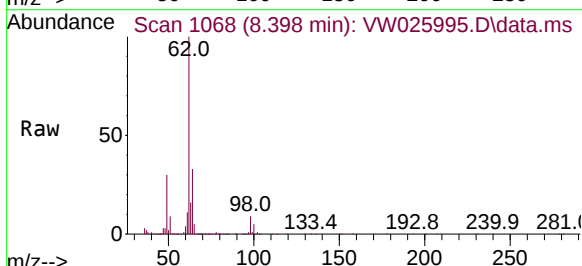
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

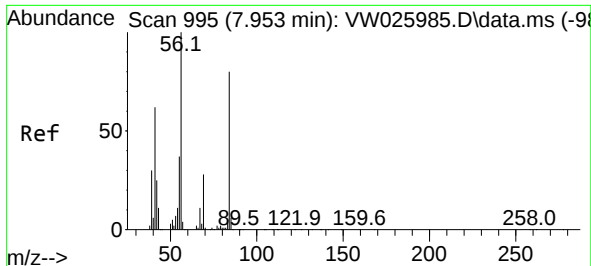
Tgt Ion: 83 Resp: 335137
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.9



#27
1,2-Dichloroethane
Concen: 25.017 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion: 62 Resp: 232976
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8

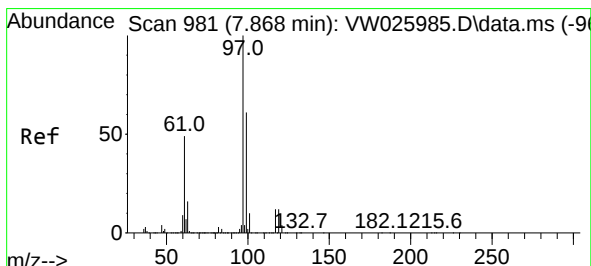
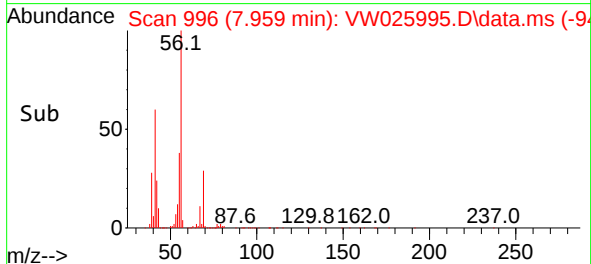
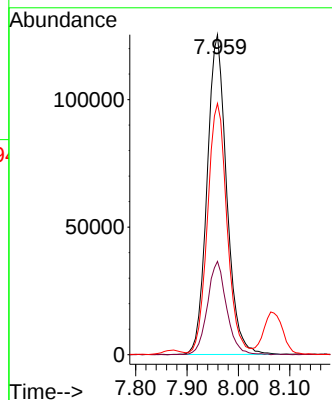
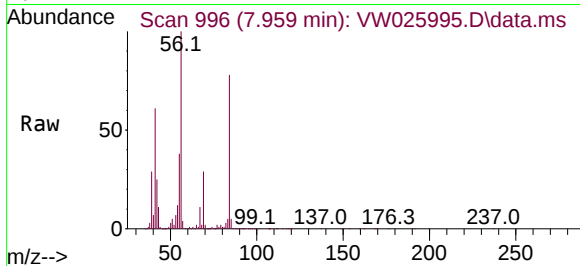




#29
Cyclohexane
Concen: 24.869 ug/L
RT: 7.959 min Scan# 995
Delta R.T. 0.006 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

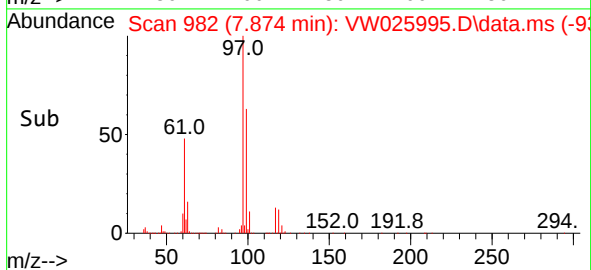
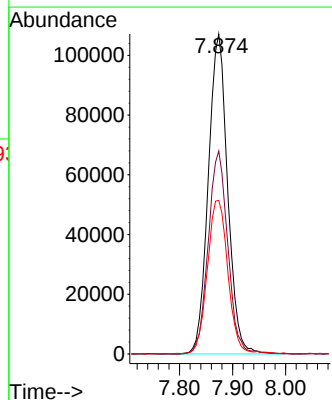
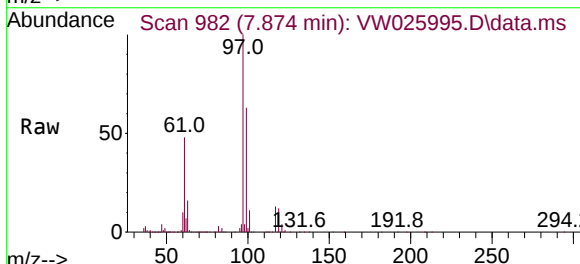
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

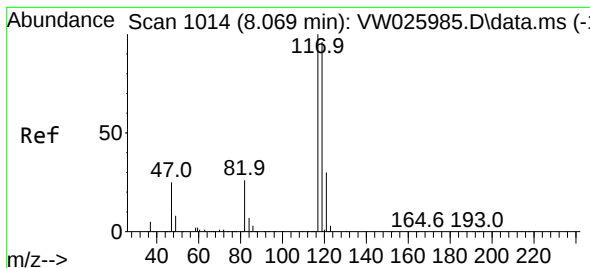
Tgt Ion: 56 Resp: 331099
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.0
84 78.6 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 25.817 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion: 97 Resp: 271263
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 50.3 40.4 60.6





#31

Carbon tetrachloride

Concen: 25.990 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Instrument :

MSVOA_W

ClientSampleId :

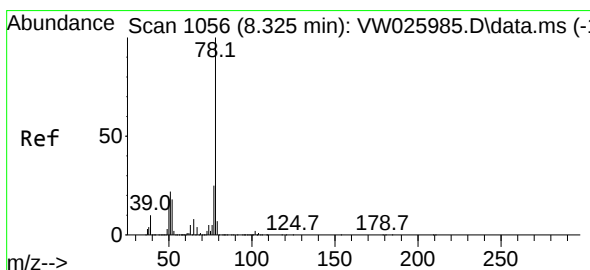
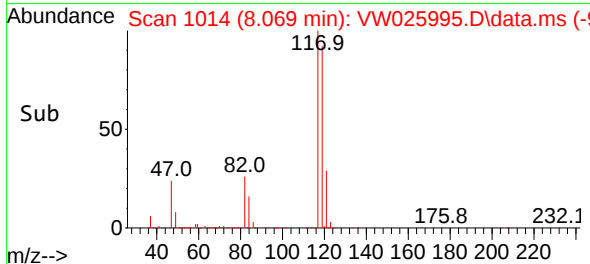
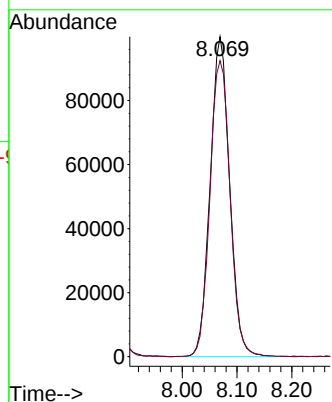
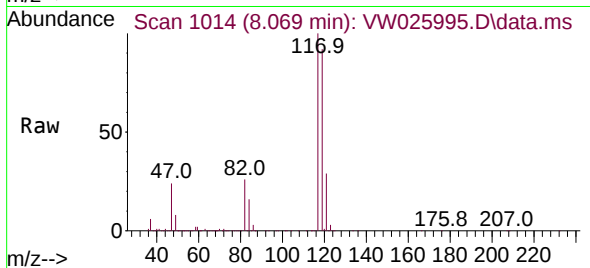
VSTD025492

Tgt Ion:117 Resp: 245748

Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3



#33

Benzene

Concen: 25.374 ug/L

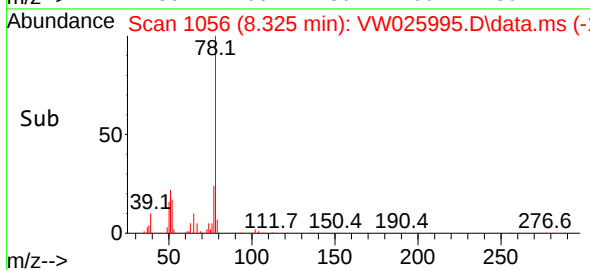
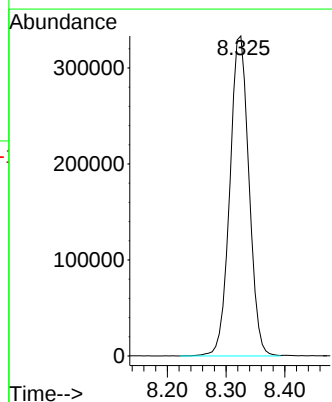
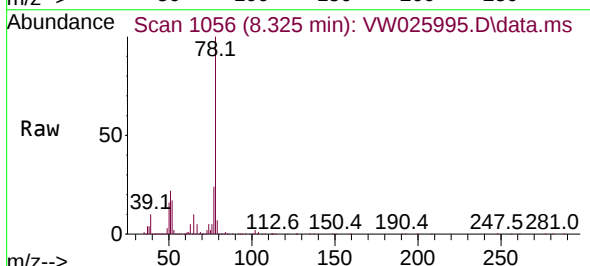
RT: 8.325 min Scan# 1056

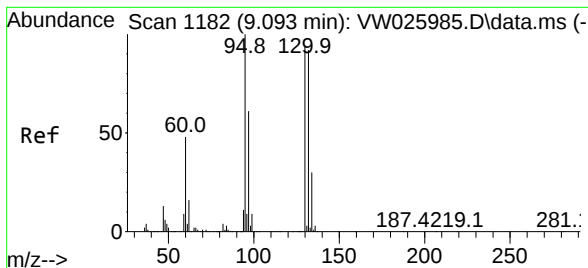
Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Tgt Ion: 78 Resp: 754222





#34

Trichloroethene

Concen: 24.503 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

Tgt Ion: 95 Resp: 186896

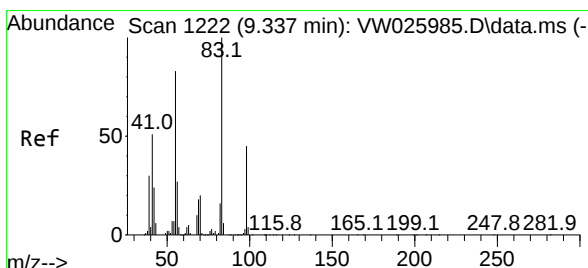
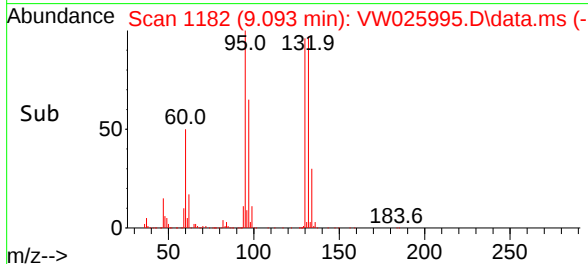
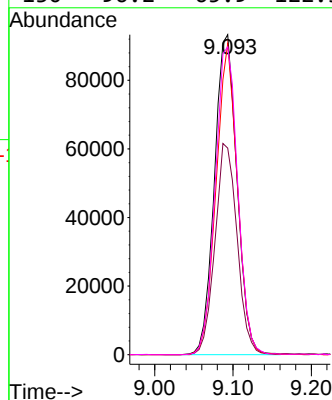
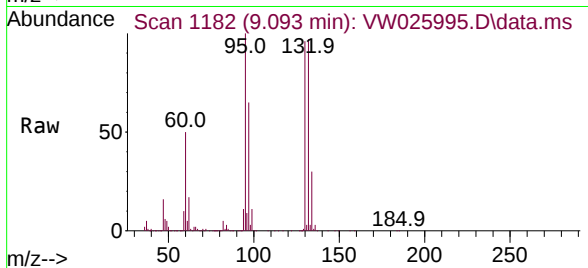
Ion Ratio Lower Upper

95 100

97 64.6 45.9 85.3

132 97.2 66.0 122.6

130 96.2 65.9 122.3



#35

Methylcyclohexane

Concen: 24.643 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

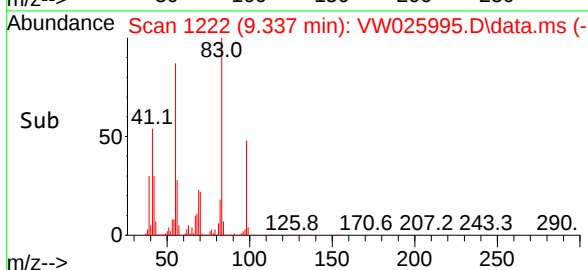
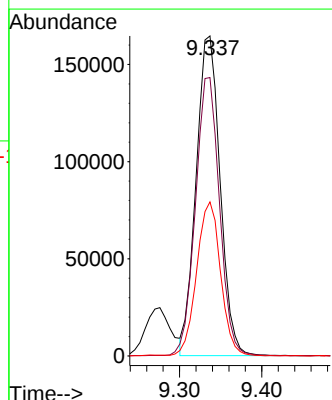
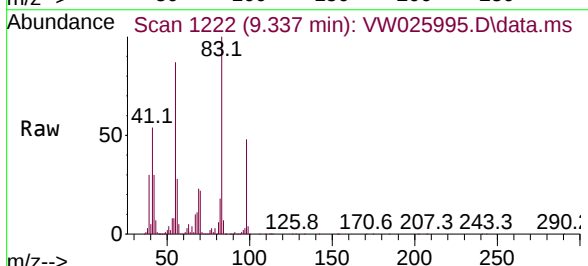
Tgt Ion: 83 Resp: 334303

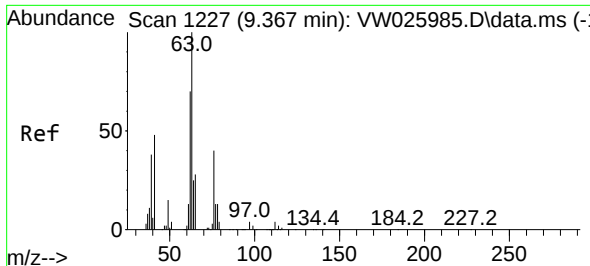
Ion Ratio Lower Upper

83 100

55 87.5 69.0 103.4

98 48.0 37.1 55.7





#37

1,2-Dichloropropane

Concen: 25.114 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Instrument :

MSVOA_W

ClientSampleId :

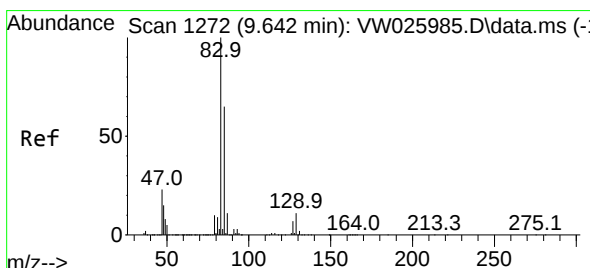
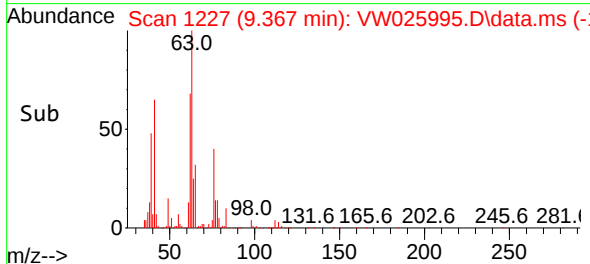
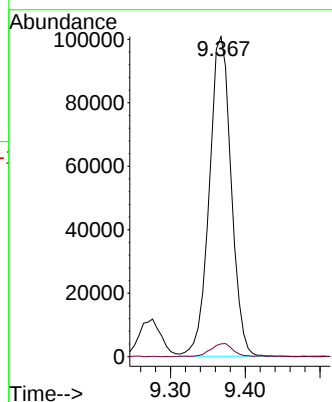
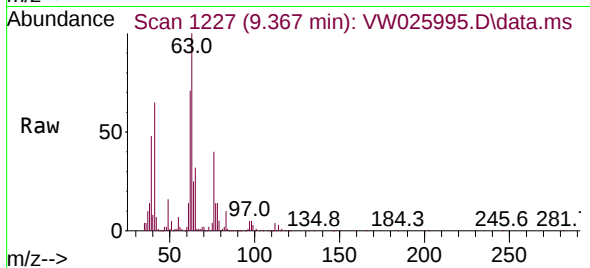
VSTD025492

Tgt Ion: 63 Resp: 204519

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 24.829 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

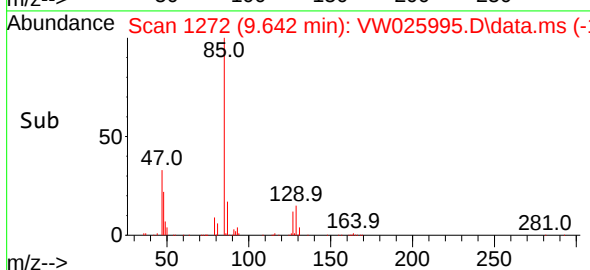
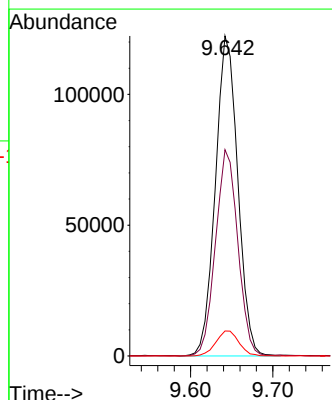
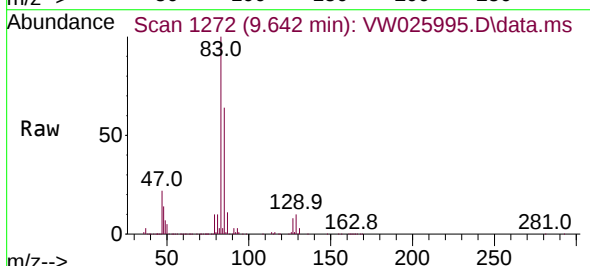
Tgt Ion: 83 Resp: 231972

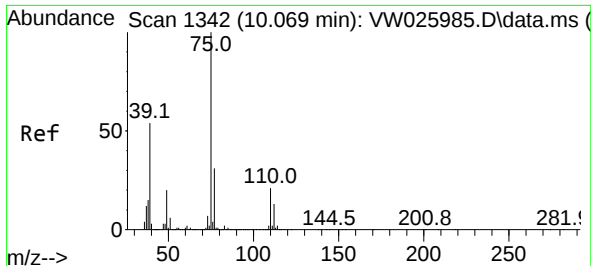
Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.5

127 7.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 23.704 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Instrument :

MSVOA_W

ClientSampleId :

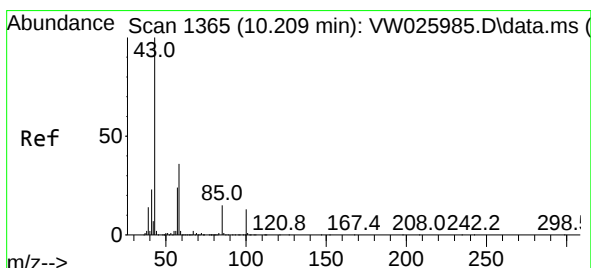
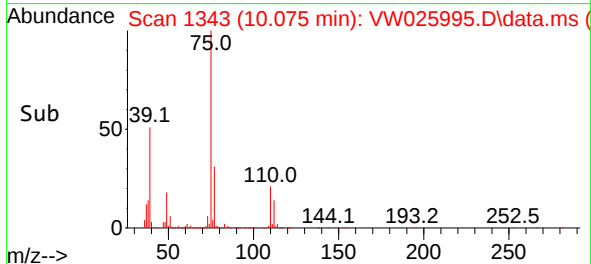
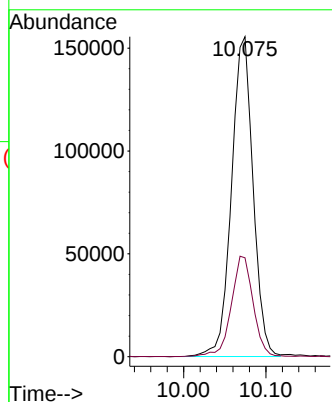
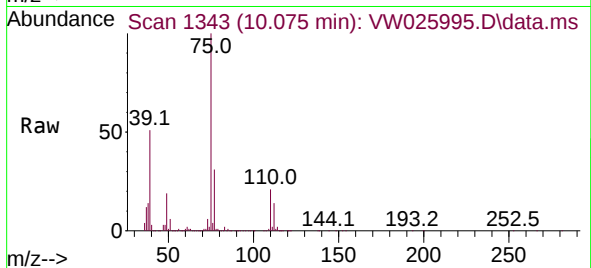
VSTD025492

Tgt Ion: 75 Resp: 283087

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 53.120 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

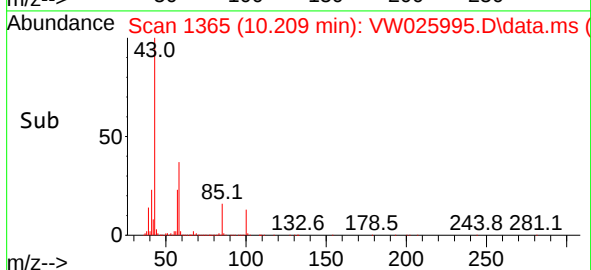
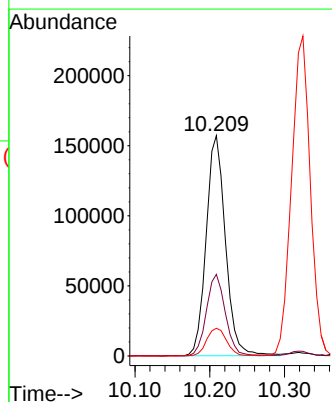
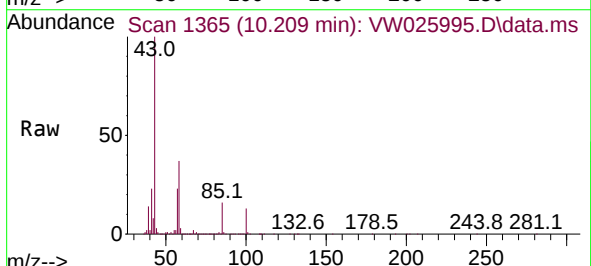
Tgt Ion: 43 Resp: 281575

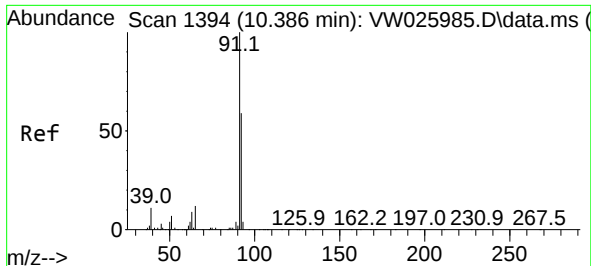
Ion Ratio Lower Upper

43 100

58 36.3 29.4 44.0

100 13.1 10.1 15.1

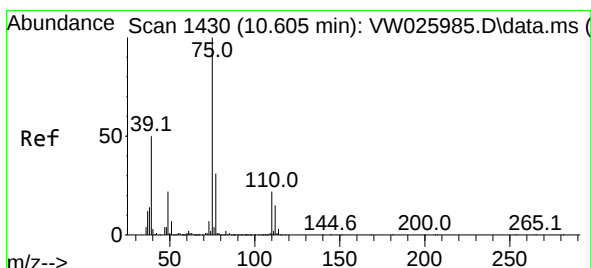
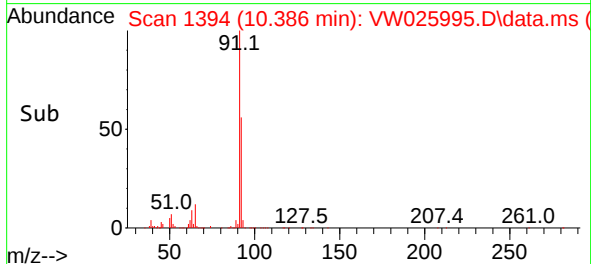
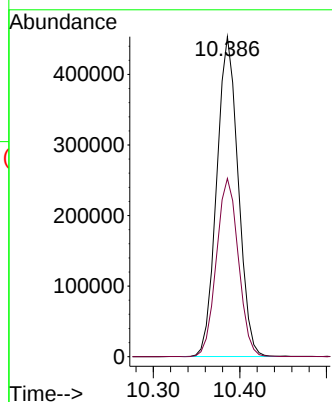
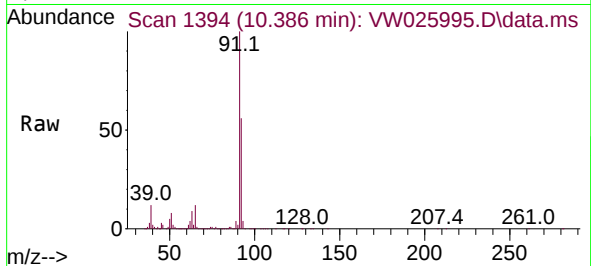




#42
Toluene
Concen: 25.748 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

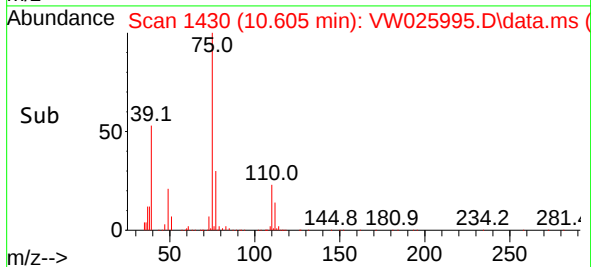
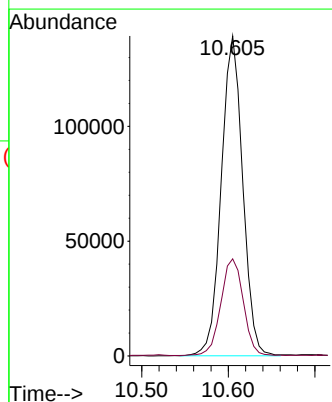
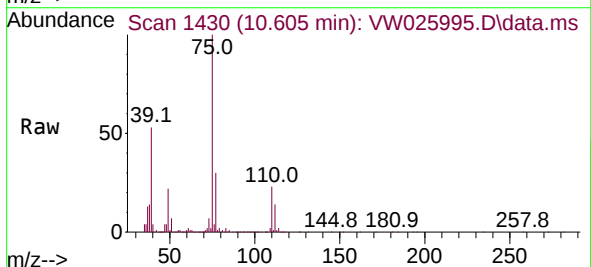
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

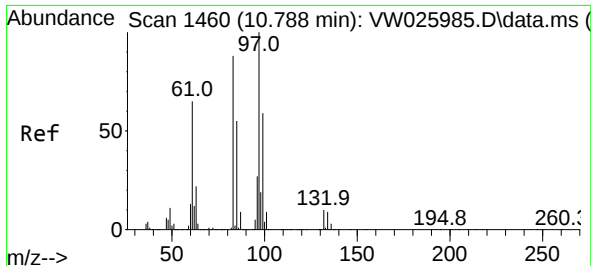
Tgt Ion: 91 Resp: 781992
Ion Ratio Lower Upper
91 100
92 55.7 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 24.219 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion: 75 Resp: 239655
Ion Ratio Lower Upper
75 100
77 30.4 21.8 40.4

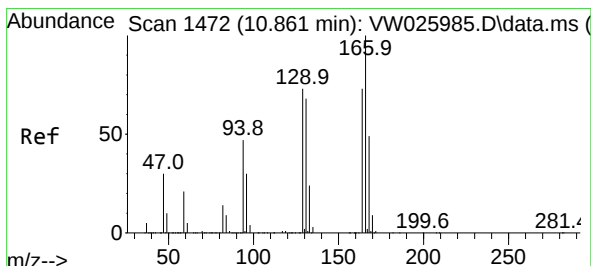
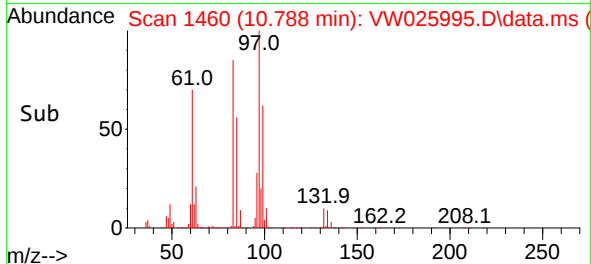
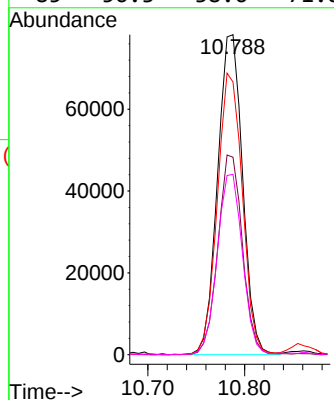
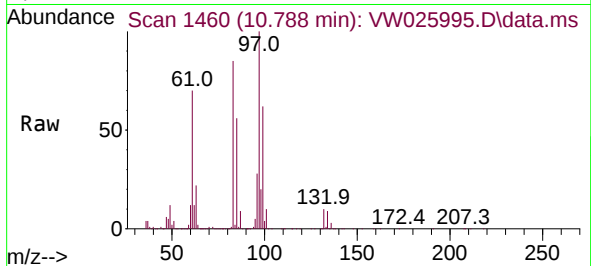




#45
1,1,2-Trichloroethane
Concen: 25.810 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

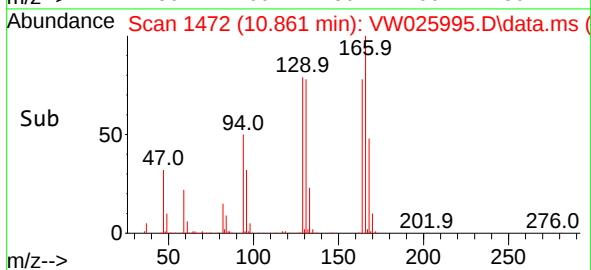
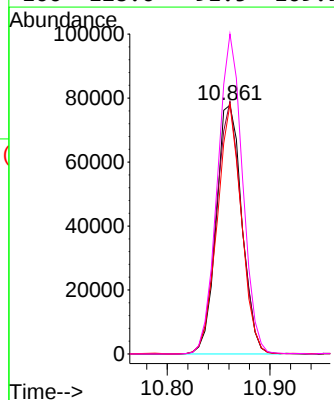
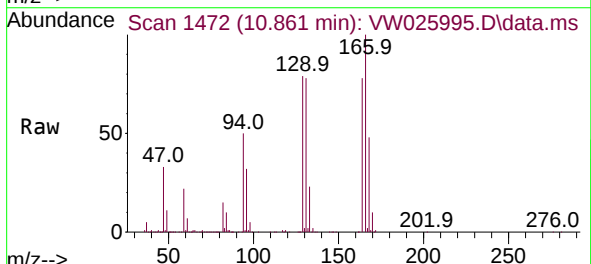
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

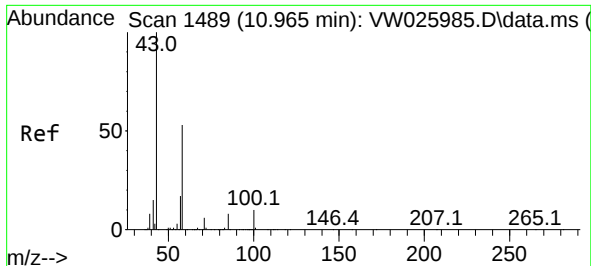
Tgt Ion:	97	Resp:	140600
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.5	82.7
83	85.2	63.0	117.0
85	56.3	38.6	71.8



#46
Tetrachloroethene
Concen: 25.084 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion:	164	Resp:	134598
Ion	Ratio	Lower	Upper
164	100		
129	101.5	74.3	138.1
131	100.4	71.3	132.3
166	128.6	91.5	169.9

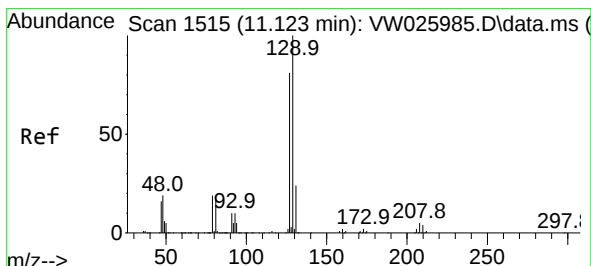
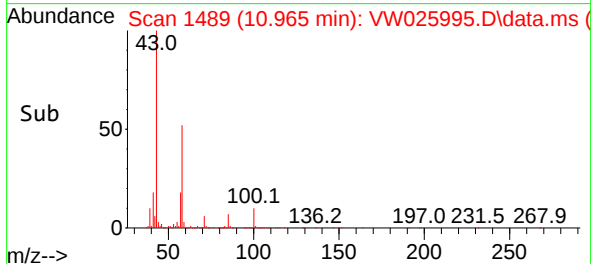
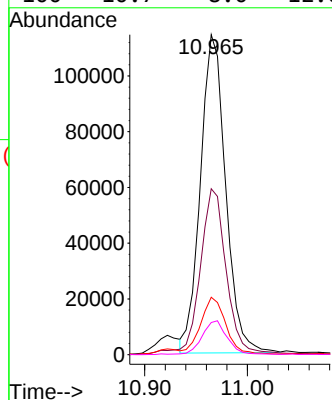
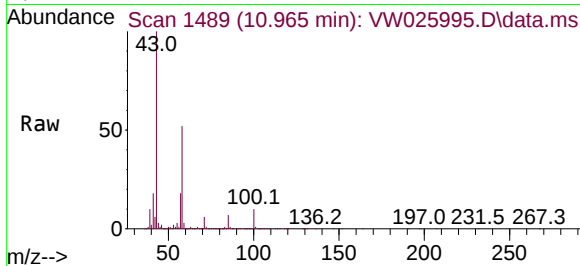




#48
2-Hexanone
Concen: 51.472 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

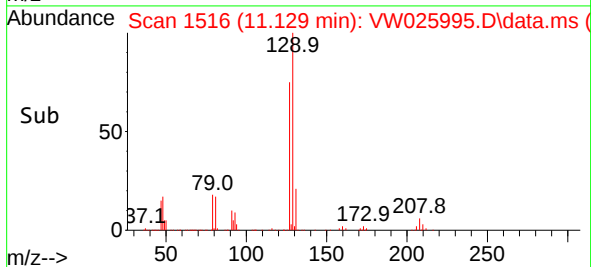
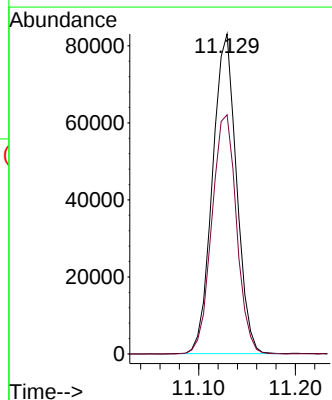
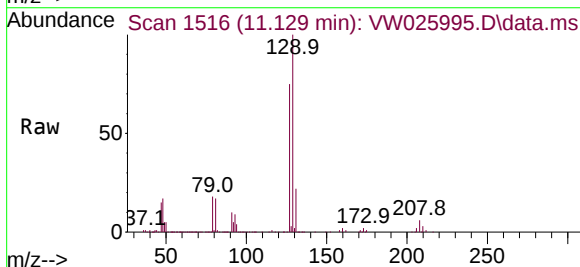
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

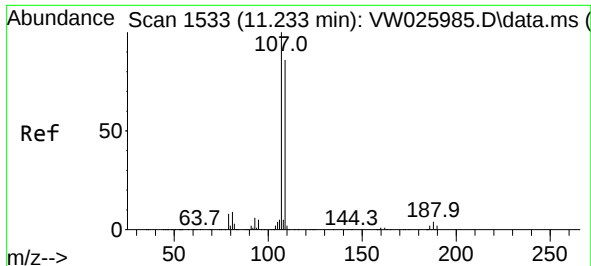
Tgt Ion:	43	Resp:	195458
Ion	Ratio	Lower	Upper
43	100		
58	52.9	40.8	61.2
57	18.1	13.6	20.4
100	10.7	8.0	12.0



#49
Dibromochloromethane
Concen: 25.353 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion:	129	Resp:	142985
Ion	Ratio	Lower	Upper
129	100		
127	74.7	56.1	104.3

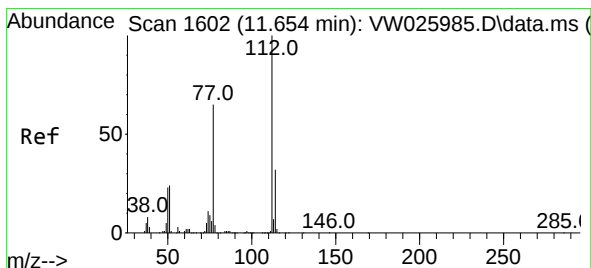
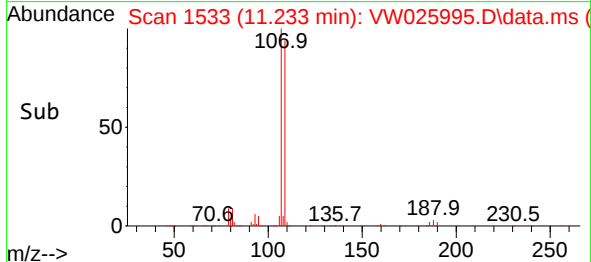
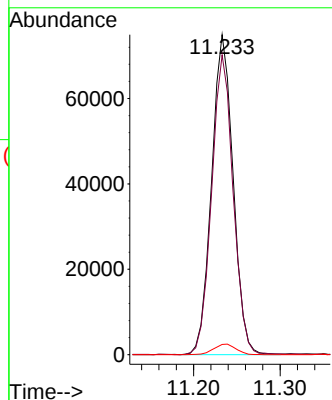
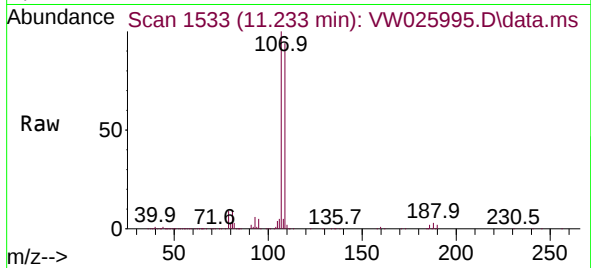




#50
1,2-Dibromoethane
Concen: 25.757 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

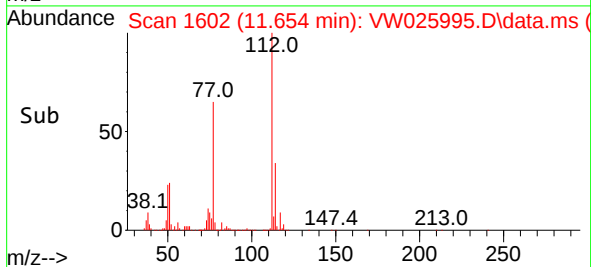
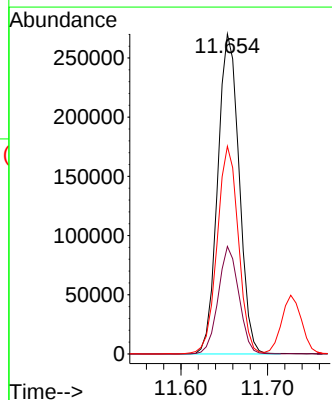
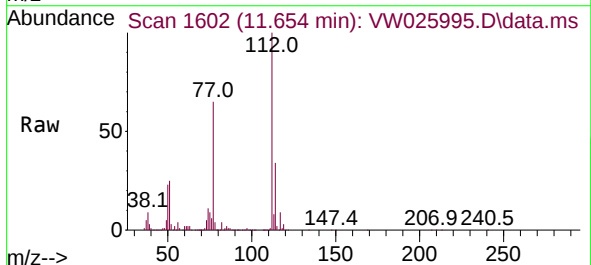
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

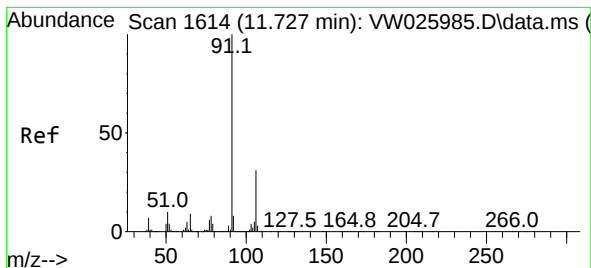
Tgt Ion:	107	Resp:	129350
Ion	Ratio	Lower	Upper
107	100		
109	93.7	67.5	125.4
188	3.2	2.6	4.0



#51
Chlorobenzene
Concen: 24.619 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion:	112	Resp:	463198
Ion	Ratio	Lower	Upper
112	100		
114	33.6	22.7	42.3
77	64.9	53.0	79.6

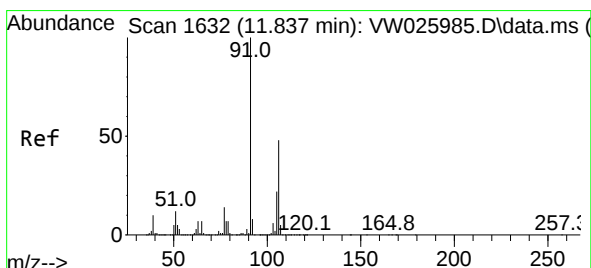
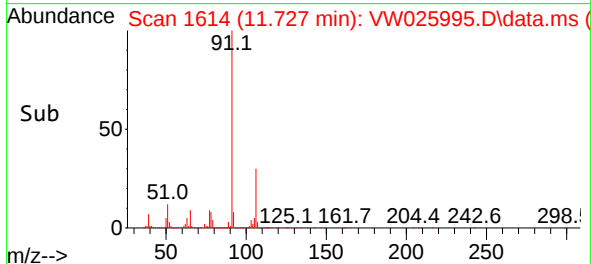
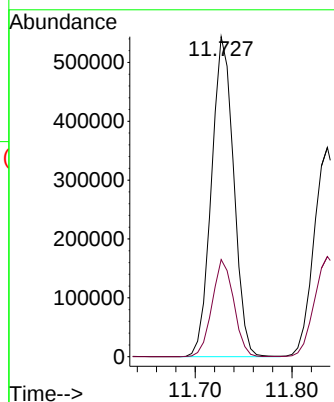
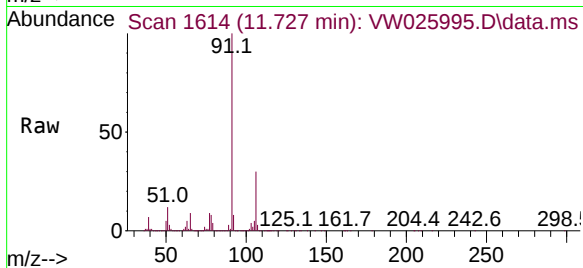




#52
Ethylbenzene
Concen: 25.404 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

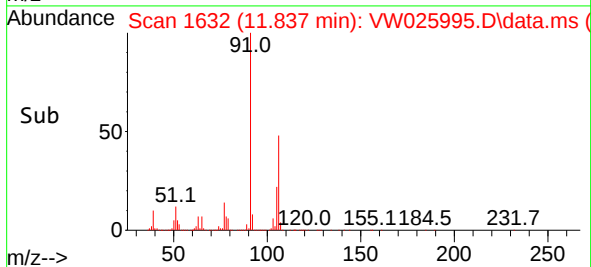
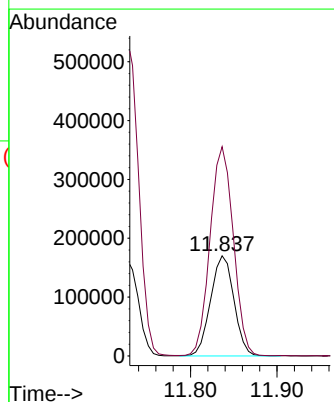
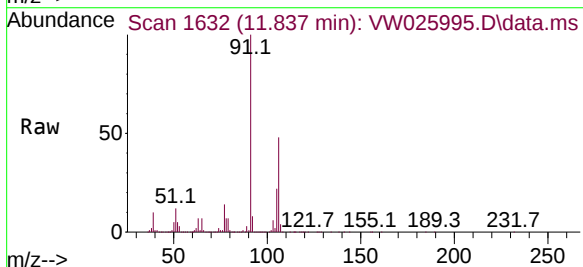
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

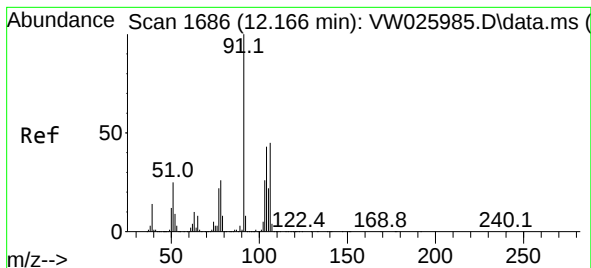
Tgt Ion: 91 Resp: 867892
Ion Ratio Lower Upper
91 100
106 30.3 20.8 38.6



#53
m,p-Xylene
Concen: 25.267 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion: 106 Resp: 317700
Ion Ratio Lower Upper
106 100
91 208.9 150.1 278.9





#54

o-Xylene

Concen: 25.117 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Instrument :

MSVOA_W

ClientSampleId :

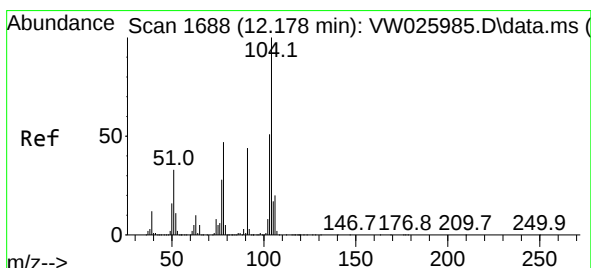
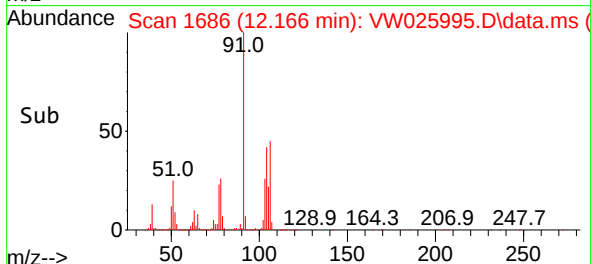
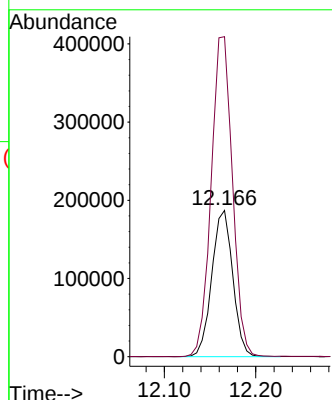
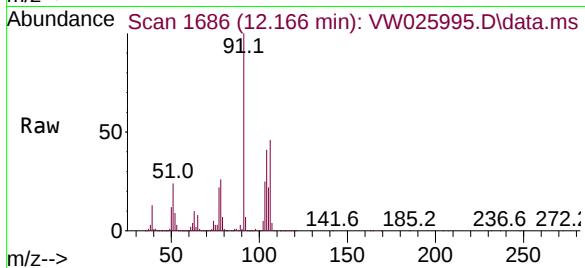
VSTD025492

Tgt Ion:106 Resp: 297679

Ion Ratio Lower Upper

106 100

91 218.7 157.8 293.1



#55

Styrene

Concen: 25.750 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW025995.D

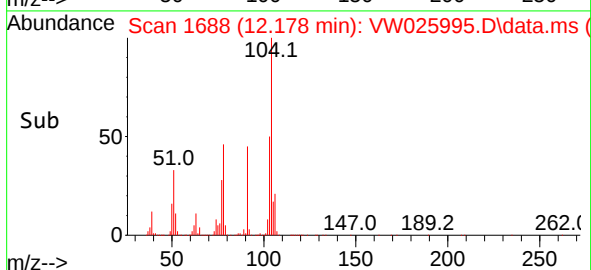
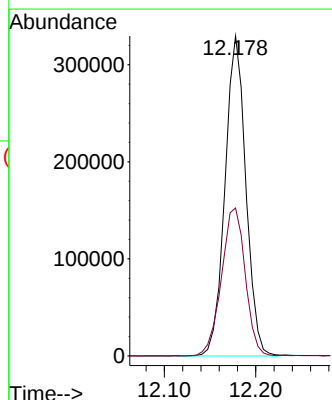
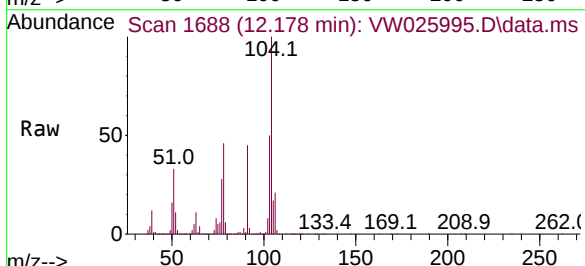
Acq: 18 May 2023 15:52

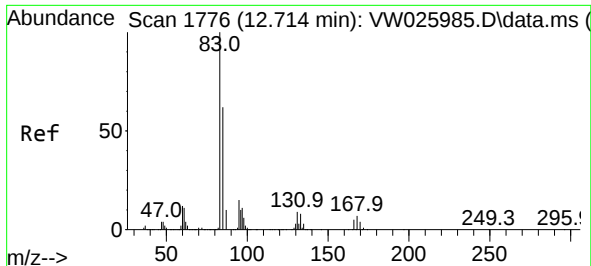
Tgt Ion:104 Resp: 522343

Ion Ratio Lower Upper

104 100

78 46.3 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.843 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

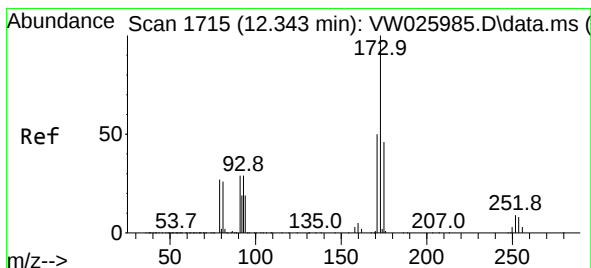
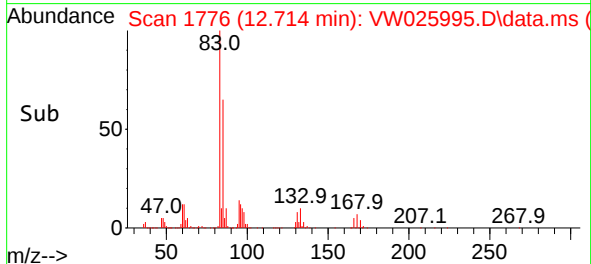
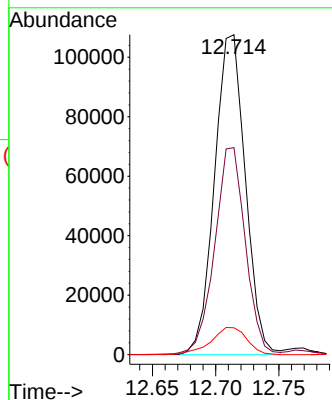
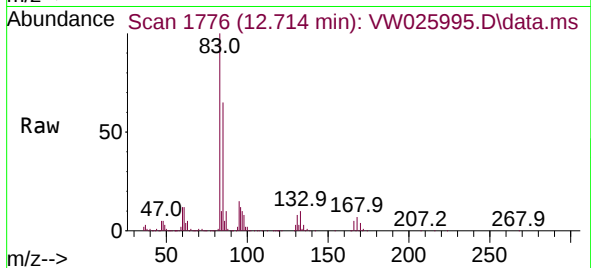
Tgt Ion: 83 Resp: 182460

Ion Ratio Lower Upper

83 100

85 64.7 45.6 84.8

131 8.4 8.1 12.1



#59

Bromoform

Concen: 25.933 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

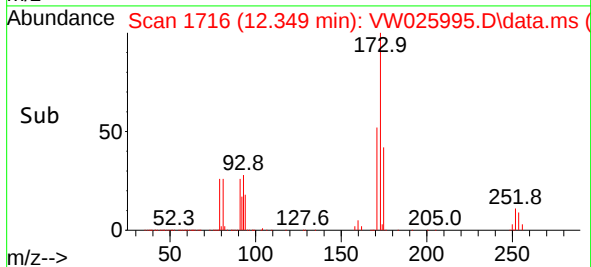
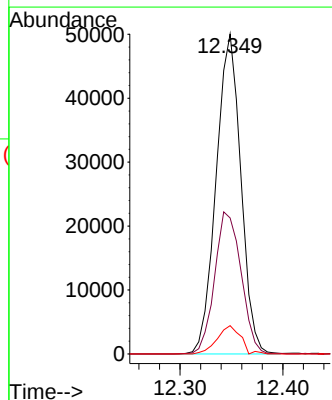
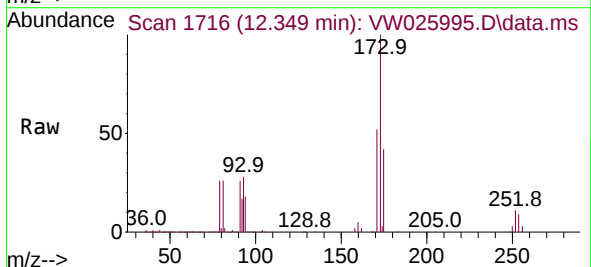
Tgt Ion: 173 Resp: 83537

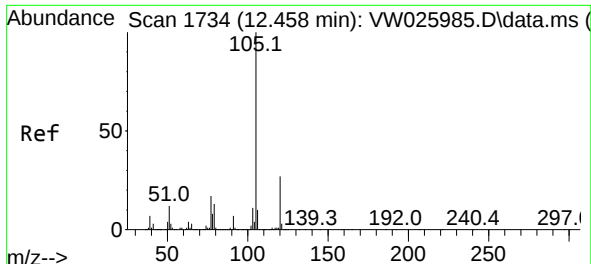
Ion Ratio Lower Upper

173 100

175 47.4 38.6 57.8

254 8.1 7.6 11.4

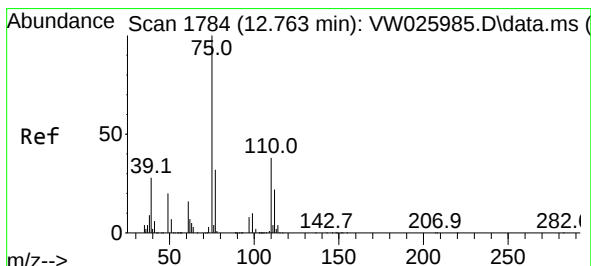
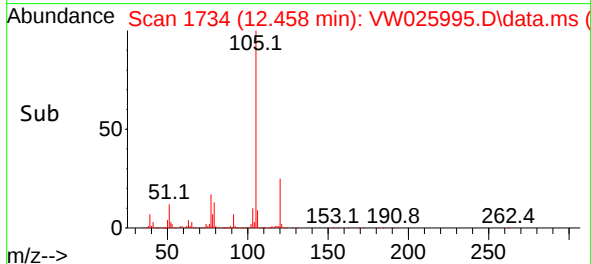
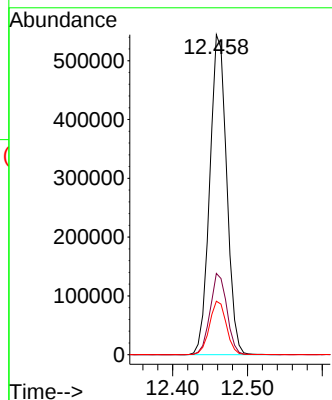
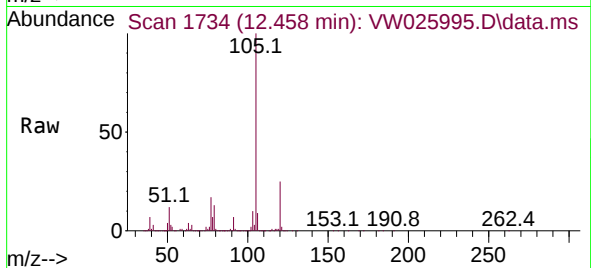




#60
Isopropylbenzene
Concen: 25.928 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

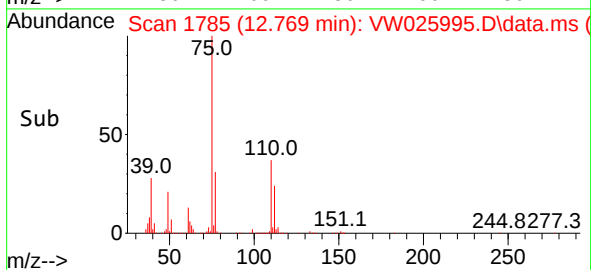
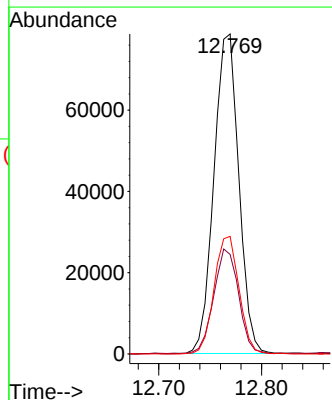
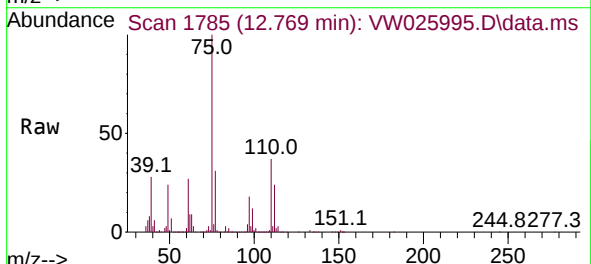
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

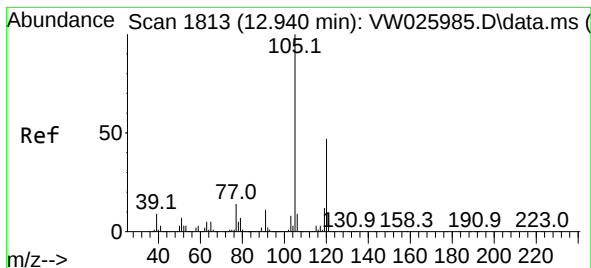
Tgt Ion:105 Resp: 857117
Ion Ratio Lower Upper
105 100
120 25.2 21.1 31.7
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 25.719 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion: 75 Resp: 132186
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8
110 36.8 27.6 41.4

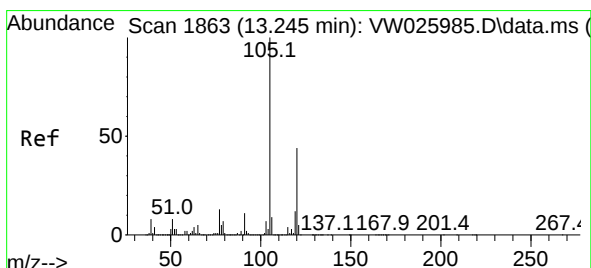
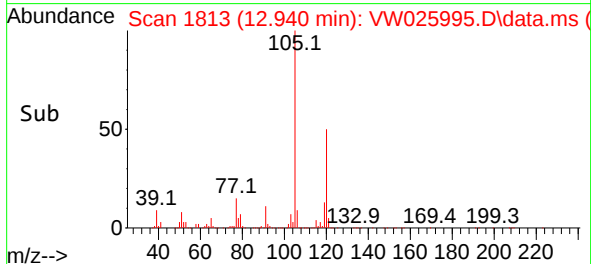
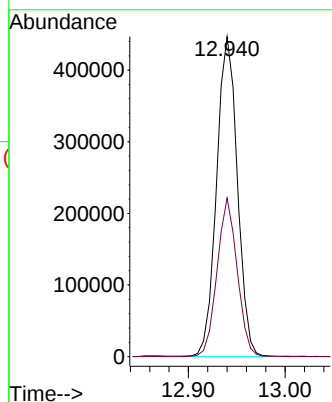
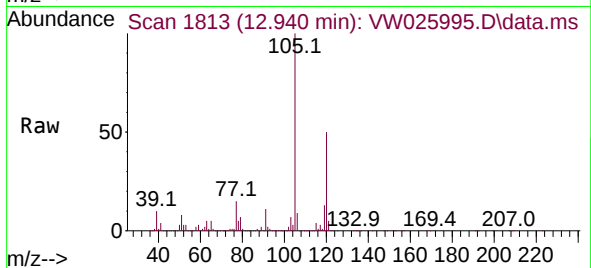




#62
1,3,5-Trimethylbenzene
Concen: 25.459 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

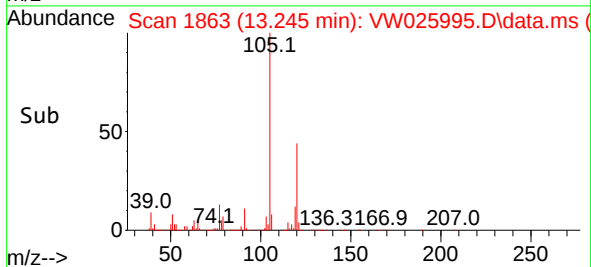
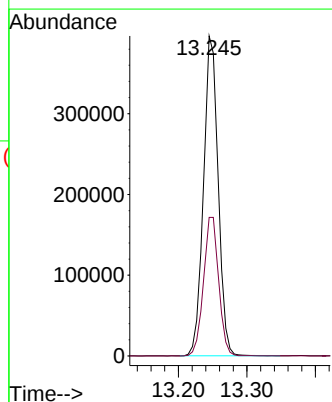
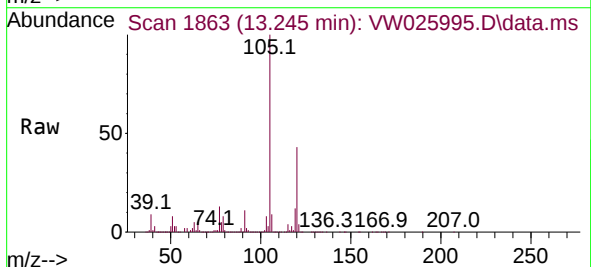
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

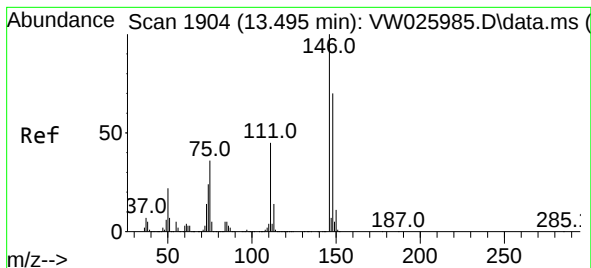
Tgt Ion:105 Resp: 666596
Ion Ratio Lower Upper
105 100
120 47.7 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 24.445 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025995.D
Acq: 18 May 2023 15:52

Tgt Ion:105 Resp: 590630
Ion Ratio Lower Upper
105 100
120 44.9 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 24.067 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

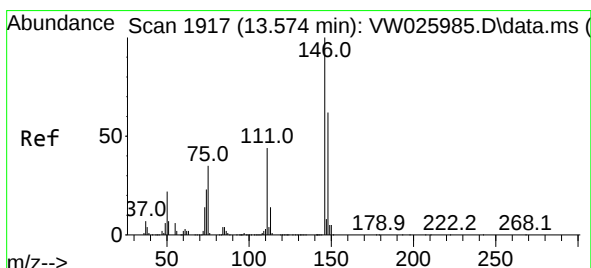
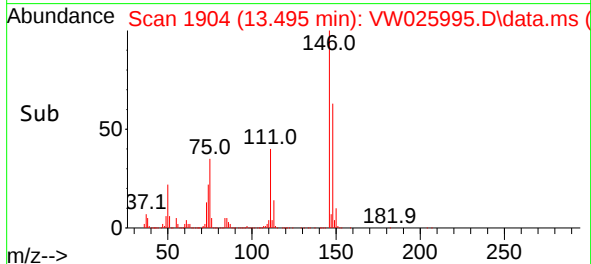
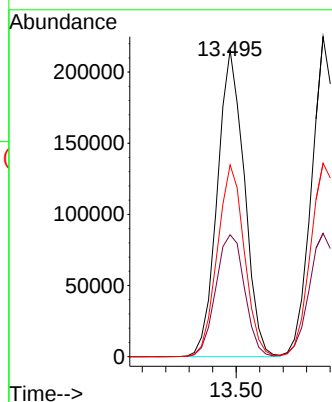
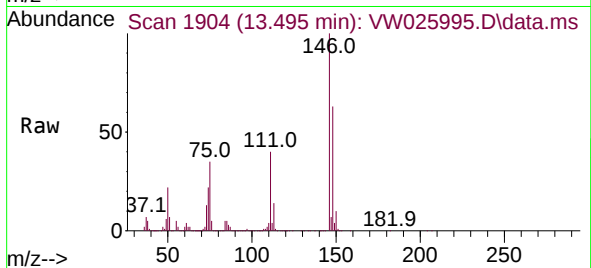
Tgt Ion:146 Resp: 342483

Ion Ratio Lower Upper

146 100

111 39.8 30.4 56.4

148 62.6 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 23.645 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

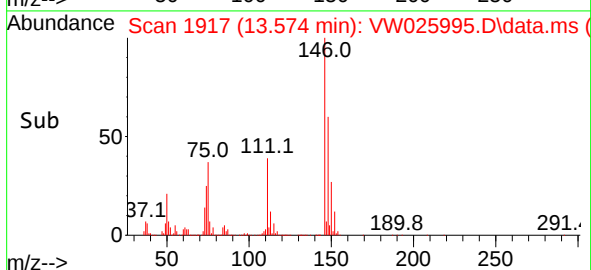
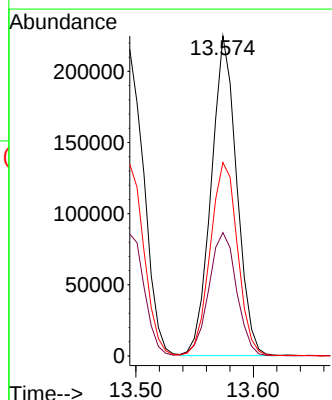
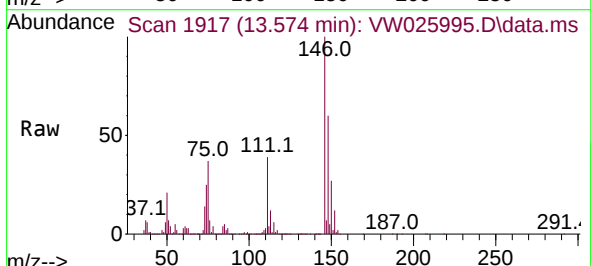
Tgt Ion:146 Resp: 339949

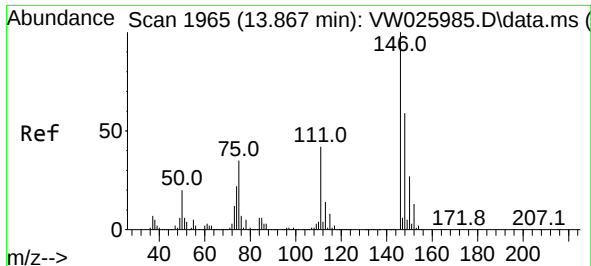
Ion Ratio Lower Upper

146 100

111 38.6 27.9 51.9

148 60.5 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.974 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

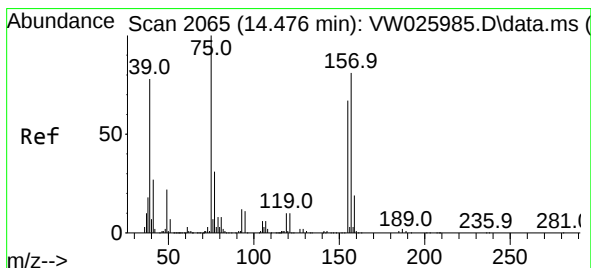
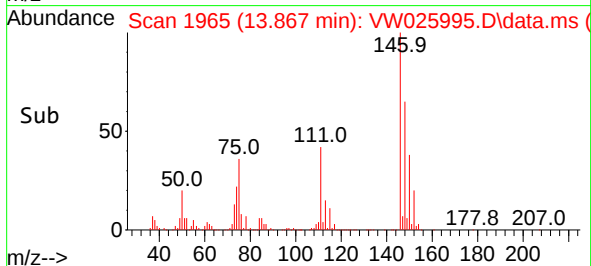
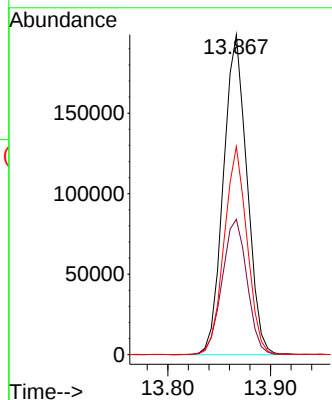
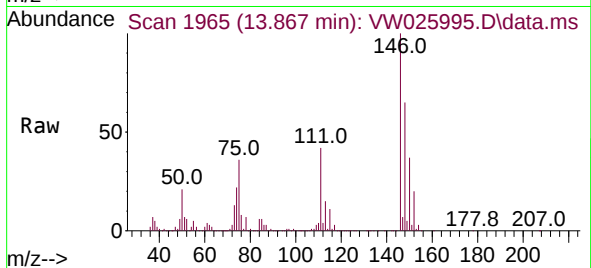
Tgt Ion:146 Resp: 316945

Ion Ratio Lower Upper

146 100

111 42.3 37.7 56.5

148 65.1 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.842 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

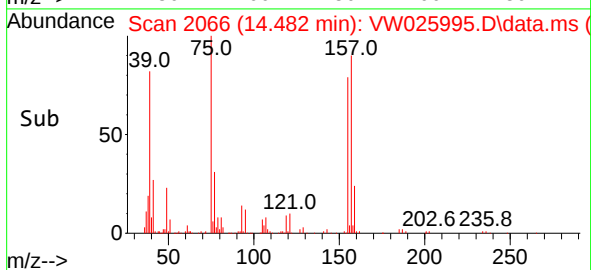
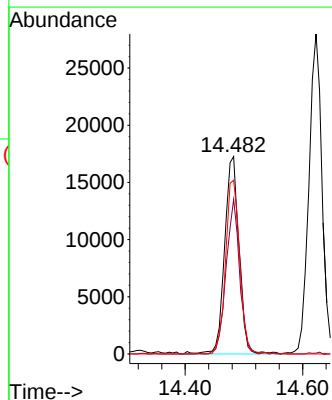
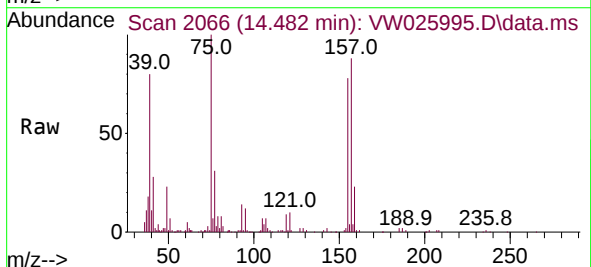
Tgt Ion: 75 Resp: 29607

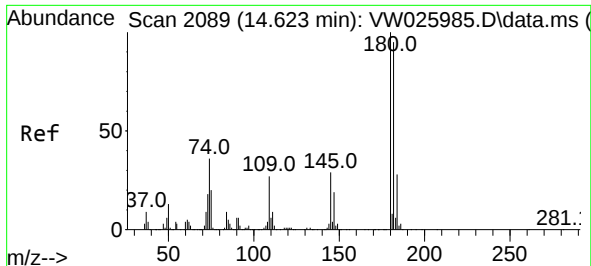
Ion Ratio Lower Upper

75 100

155 78.2 56.3 84.5

157 88.0 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 22.756 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

Tgt Ion:180 Resp: 214952

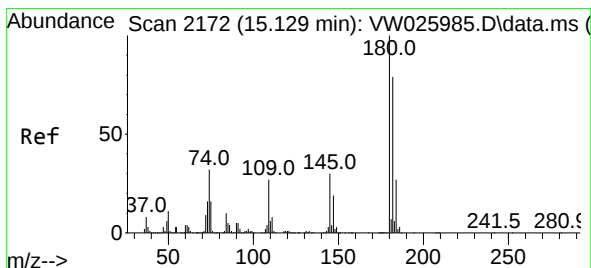
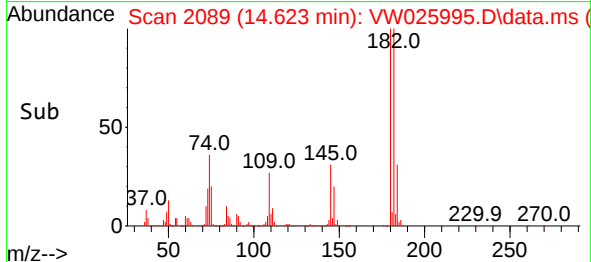
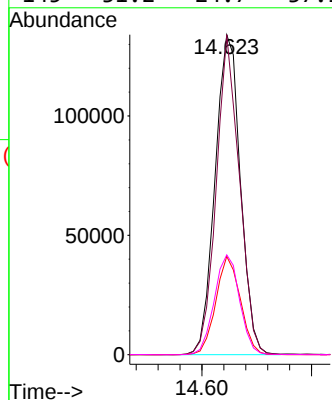
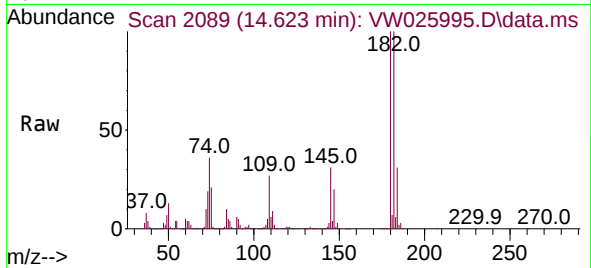
Ion Ratio Lower Upper

180 100

182 91.2 77.4 116.0

184 29.7 24.7 37.1

145 31.2 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 19.244 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

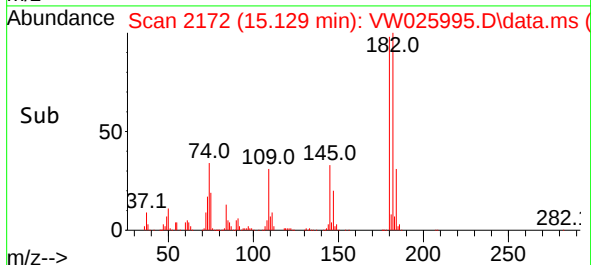
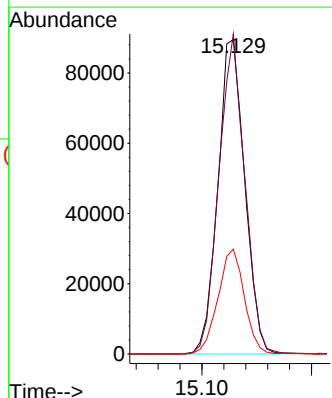
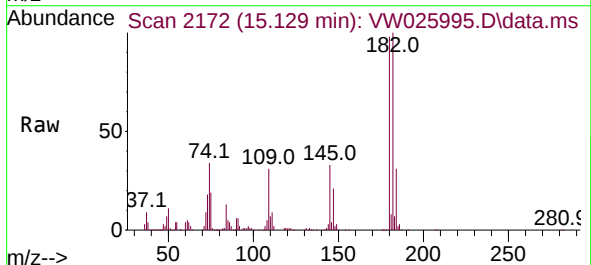
Tgt Ion:180 Resp: 152287

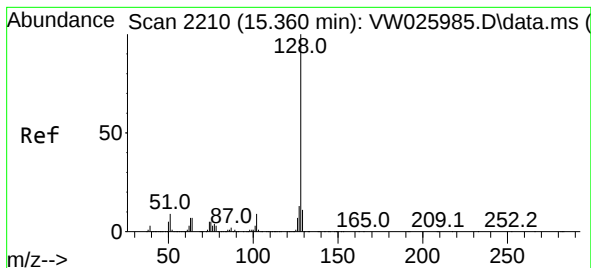
Ion Ratio Lower Upper

180 100

182 98.1 74.3 111.5

145 32.7 25.4 38.0





#71

Naphthalene

Concen: 21.717 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

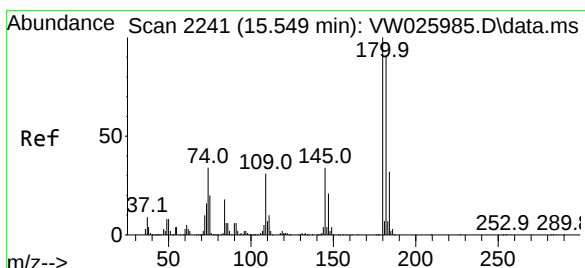
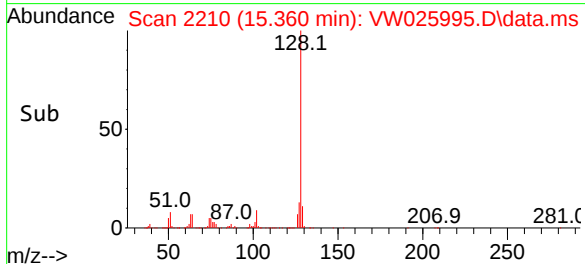
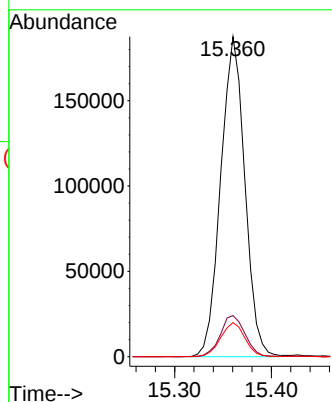
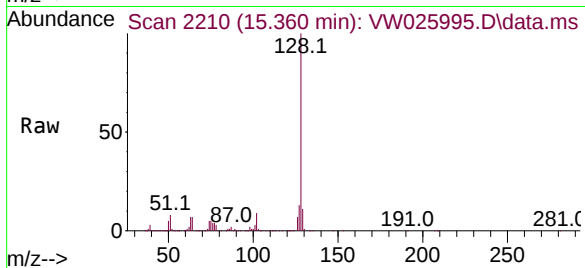
Tgt Ion:128 Resp: 324373

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 20.928 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW025995.D

Acq: 18 May 2023 15:52

Tgt Ion:180 Resp: 146947

Ion Ratio Lower Upper

180 100

182 98.2 76.1 114.1

145 33.9 28.0 42.0

