

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050223\
 Data File : VW025809.D
 Acq On : 02 May 2023 19:02
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

Quant Time: May 03 01:25:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 01:20:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	595723	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	541444	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	279183	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	229366	27.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.680%	
7) Chloroethane-d5	2.899	69	169710	27.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.480%	
11) 1,1-Dichloroethene-d2	4.027	65	110466	26.133	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.520%	
21) 2-Butanone-d5	7.075	46	151854	54.413	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.820%	
24) Chloroform-d	7.648	84	463961	27.009	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.040%	
26) 1,2-Dichloroethane-d4	8.307	65	263629	27.140	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.560%	
32) Benzene-d6	8.276	84	958693	27.098	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 108.400%	
36) 1,2-Dichloropropane-d6	9.276	67	302727	26.743	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.960%	
41) Toluene-d8	10.325	98	857420	27.178	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.720%	
43) trans-1,3-Dichloroprop...	10.575	79	115915	25.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.040%	
47) 2-Hexanone-d5	10.922	63	109452	56.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.400%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	239713	27.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.120%	
66) 1,2-Dichlorobenzene-d4	13.848	152	262095	25.753	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	162965	24.486	ug/L	97
3) Chloromethane	2.222	50	247376	25.208	ug/L	99
5) Vinyl chloride	2.381	62	250274	24.640	ug/L	98
6) Bromomethane	2.789	94	135043	24.445	ug/L	98
8) Chloroethane	2.936	64	144469	25.014	ug/L	99
9) Trichlorofluoromethane	3.265	101	160372	20.922	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	198081	23.760	ug/L	97
12) 1,1-Dichloroethene	4.051	96	192903	24.212	ug/L	97
13) Acetone	4.118	43	102119	41.267	ug/L	100
14) Carbon disulfide	4.393	76	647574	24.035	ug/L	100
15) Methyl Acetate	4.673	43	125385	25.712	ug/L	100
16) Methylene chloride	4.923	84	221646	18.041	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	212977	24.504	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	328299	24.887	ug/L	100
19) 1,1-Dichloroethane	6.216	63	441172	24.705	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	230135	24.680	ug/L	94
22) 2-Butanone	7.173	43	162953	47.690	ug/L	100
23) Bromochloromethane	7.514	128	97763	24.748	ug/L	98
25) Chloroform	7.679	83	416766	25.393	ug/L	97

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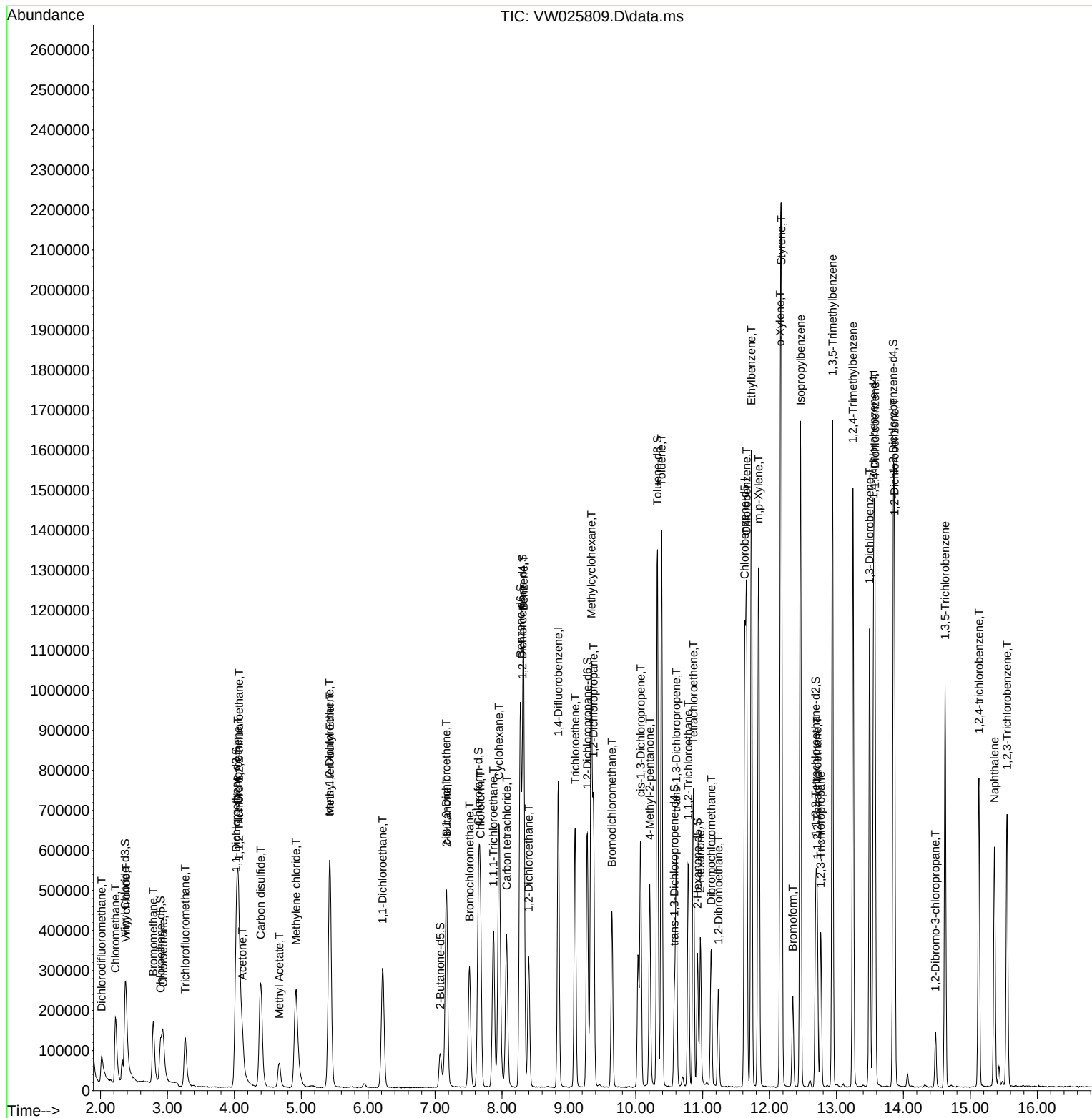
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	293849	25.210	ug/L	97
29) Cyclohexane	7.953	56	397845	23.711	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	312362	23.589	ug/L	99
31) Carbon tetrachloride	8.069	117	280782	23.562	ug/L	99
33) Benzene	8.325	78	926058	24.721	ug/L	100
34) Trichloroethene	9.093	95	230198	23.948	ug/L	98
35) Methylcyclohexane	9.337	83	400838	23.446	ug/L	99
37) 1,2-Dichloropropane	9.367	63	255737	24.918	ug/L	100
38) Bromodichloromethane	9.642	83	292250	24.821	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	361051	23.989	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	353613	52.934	ug/L	99
42) Toluene	10.386	91	960154	25.085	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	303068	24.302	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	171259	24.946	ug/L	94
46) Tetrachloroethene	10.861	164	160359	23.713	ug/L	96
48) 2-Hexanone	10.965	43	244386	51.066	ug/L	99
49) Dibromochloromethane	11.129	129	175021	24.625	ug/L	94
50) 1,2-Dibromoethane	11.233	107	159244	25.161	ug/L	100
51) Chlorobenzene	11.654	112	595845	25.129	ug/L	94
52) Ethylbenzene	11.727	91	1075484	24.979	ug/L	98
53) m,p-Xylene	11.836	106	394609	24.902	ug/L	99
54) o-Xylene	12.160	106	376800	25.227	ug/L	92
55) Styrene	12.178	104	660877	25.851	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	218777	25.539	ug/L	98
59) Bromoform	12.349	173	97047	23.468	ug/L	96
60) Isopropylbenzene	12.464	105	1019682	24.028	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	162193	24.582	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	817172	24.312	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	768321	24.771	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	424857	23.256	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	429534	23.273	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	382987	23.507	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	35307	23.076	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	275288	22.701	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	230894	22.728	ug/L	100
71) Naphthalene	15.360	128	476522	24.852	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	217554	24.135	ug/L	96

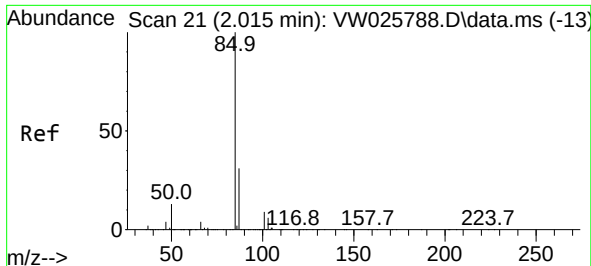
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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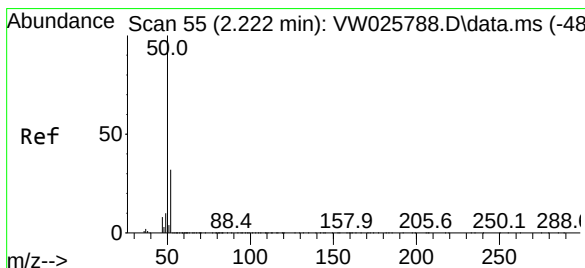
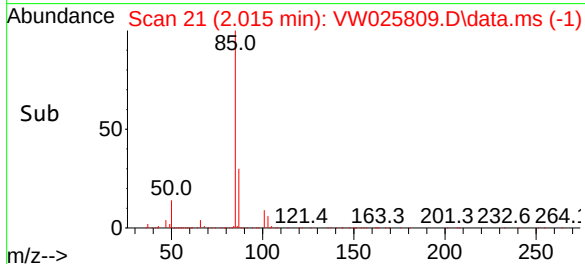
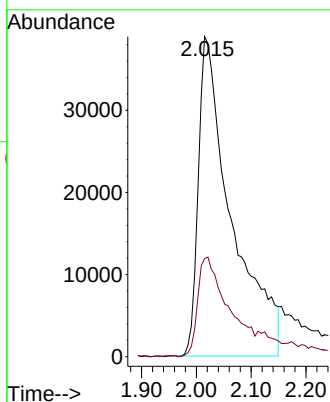
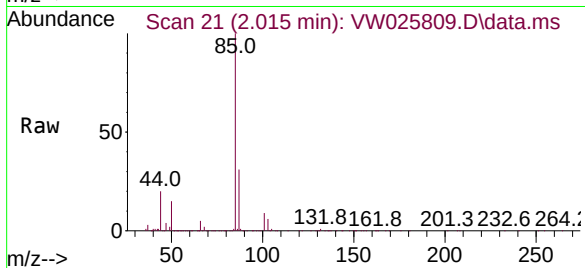




#2
 Dichlorodifluoromethane
 Concen: 24.486 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025809.D
 Acq: 02 May 2023 19:02

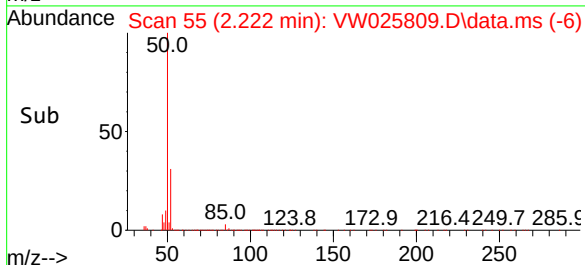
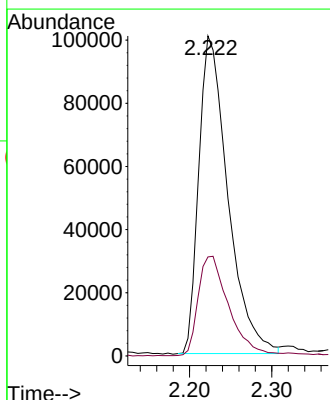
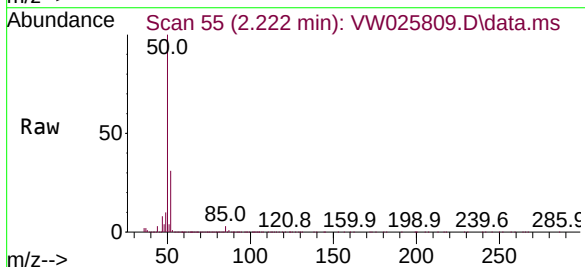
Instrument :
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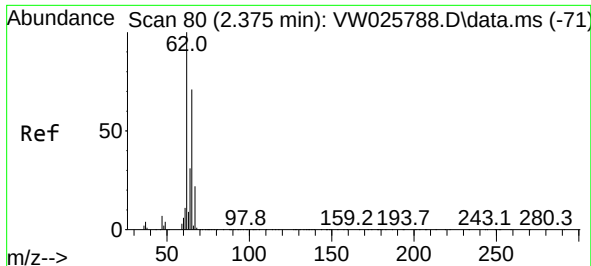
Tgt Ion: 85 Resp: 162965
 Ion Ratio Lower Upper
 85 100
 87 29.0 24.7 37.1



#3
 Chloromethane
 Concen: 25.208 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025809.D
 Acq: 02 May 2023 19:02

Tgt Ion: 50 Resp: 247376
 Ion Ratio Lower Upper
 50 100
 52 30.9 22.1 41.1

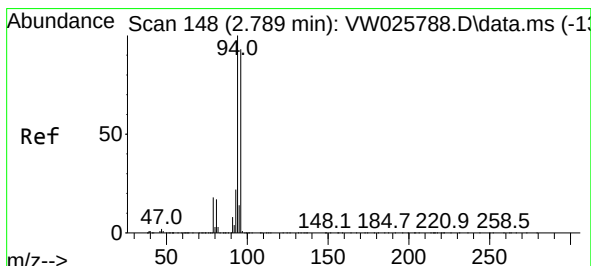
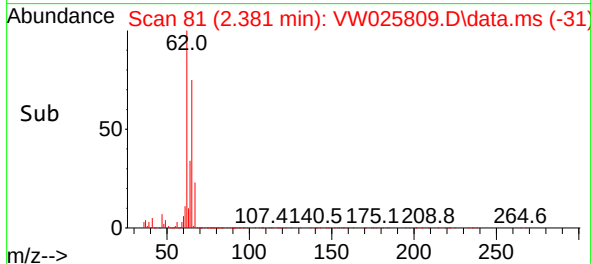
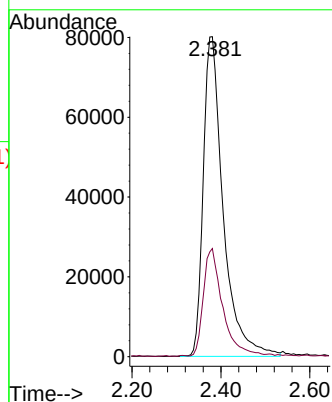
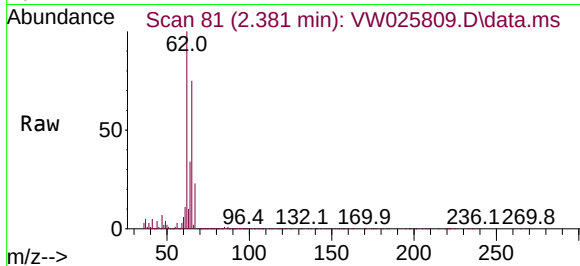




#5
 Vinyl chloride
 Concen: 24.640 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW025809.D
 Acq: 02 May 2023 19:02

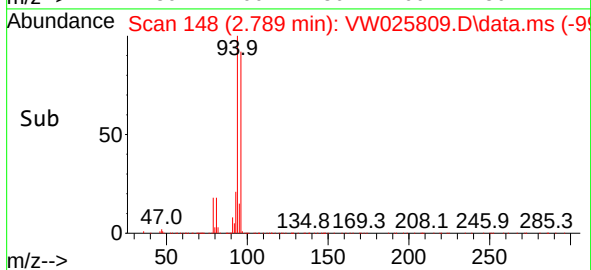
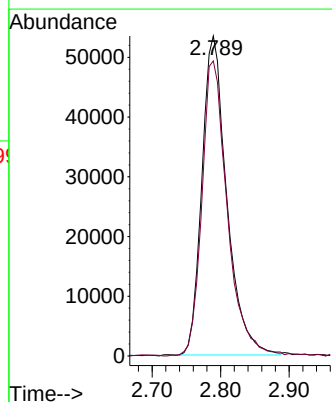
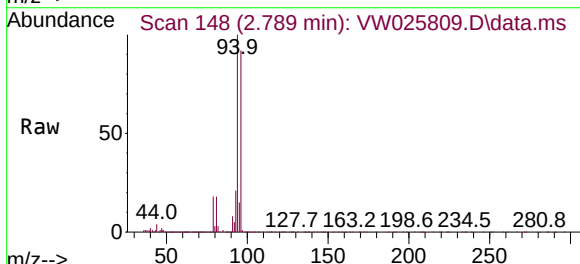
Instrument :
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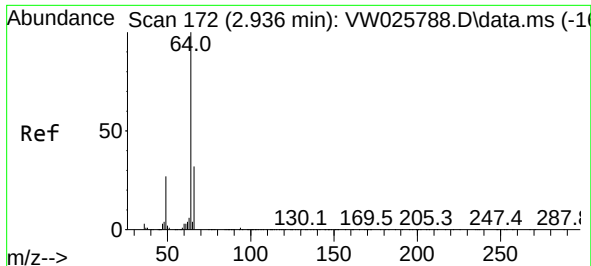
Tgt Ion: 62 Resp: 250274
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.7 42.3



#6
 Bromomethane
 Concen: 24.445 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025809.D
 Acq: 02 May 2023 19:02

Tgt Ion: 94 Resp: 135043
 Ion Ratio Lower Upper
 94 100
 96 92.2 63.1 117.1

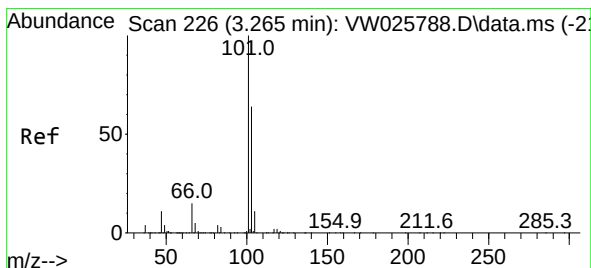
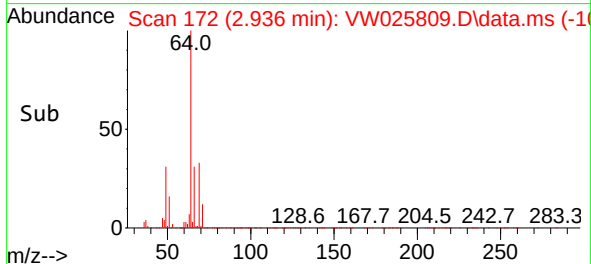
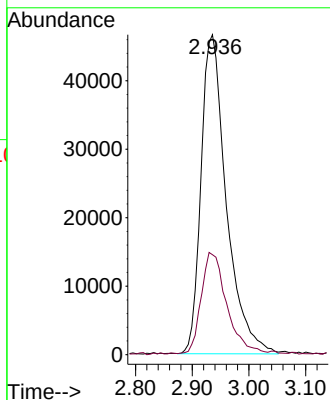
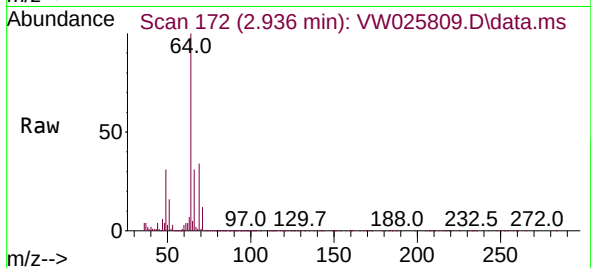




#8
Chloroethane
Concen: 25.014 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

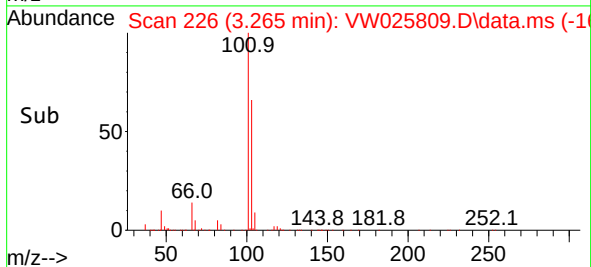
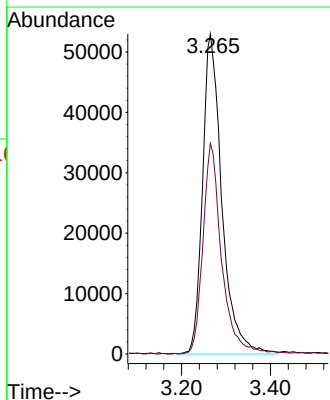
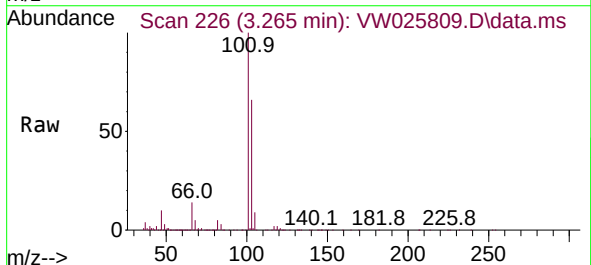
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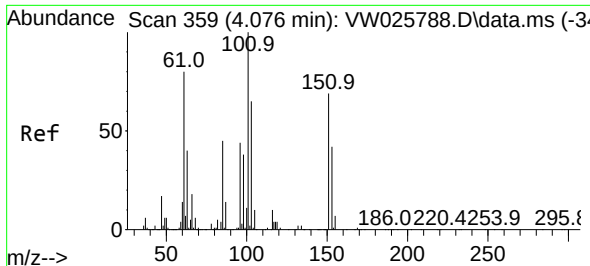
Tgt Ion: 64 Resp: 144469
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 20.922 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion: 101 Resp: 160372
Ion Ratio Lower Upper
101 100
103 62.0 50.6 76.0

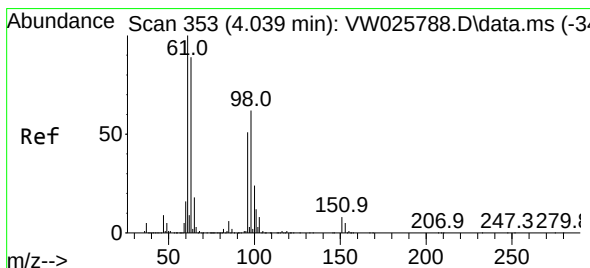
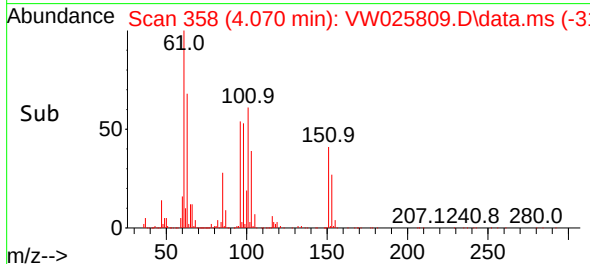
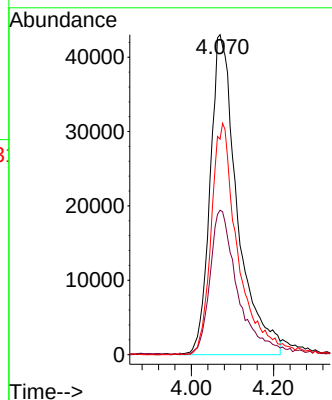
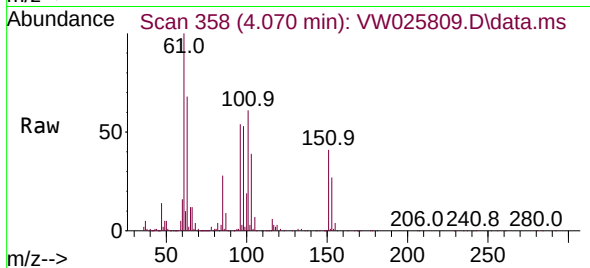




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.760 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW025809.D
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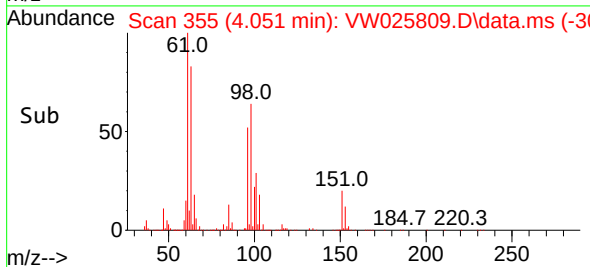
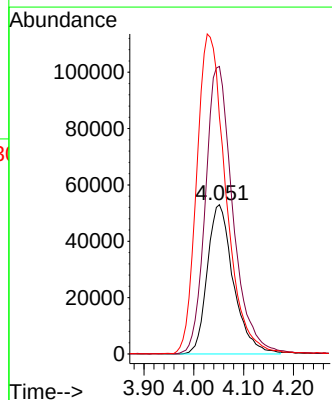
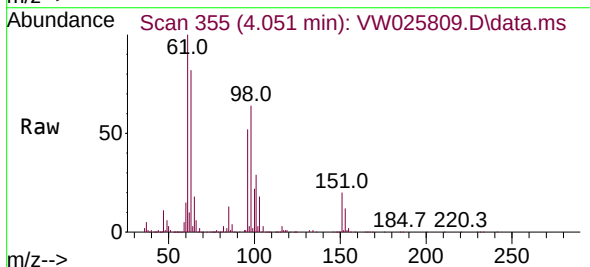
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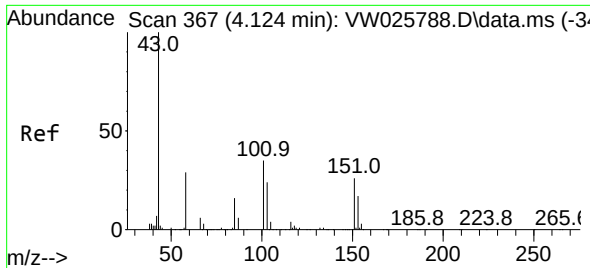
Tgt Ion: 101 Resp: 198081
 Ion Ratio Lower Upper
 101 100
 85 46.1 33.9 50.9
 151 68.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.212 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.012 min
 Lab File: VW025809.D
 Acq: 02 May 2023 19:02

Tgt Ion: 96 Resp: 192903
 Ion Ratio Lower Upper
 96 100
 61 192.5 135.0 250.8
 63 158.7 104.9 194.7

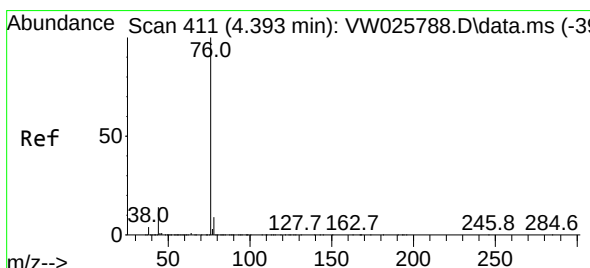
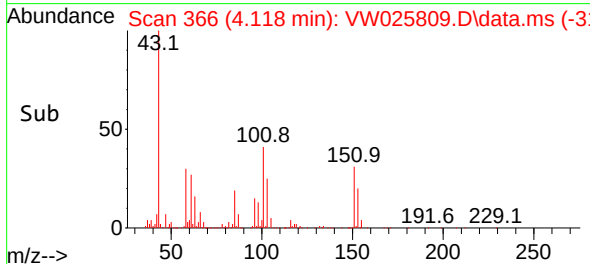
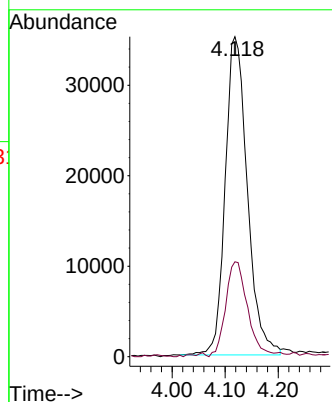
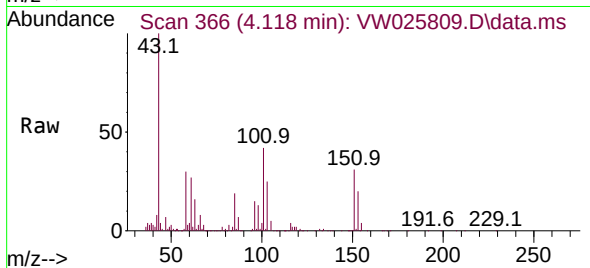




#13
Acetone
Concen: 41.267 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

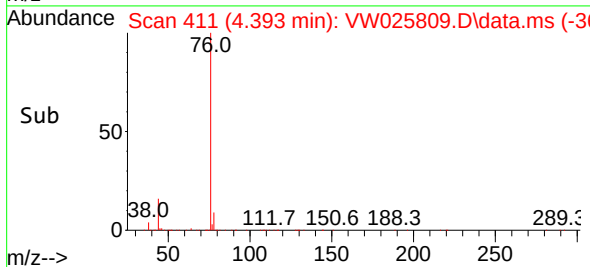
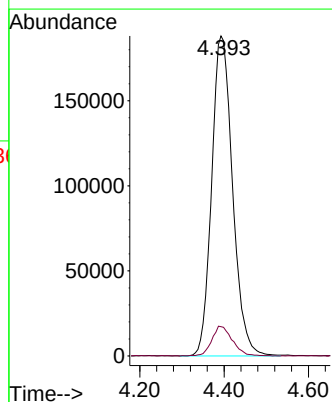
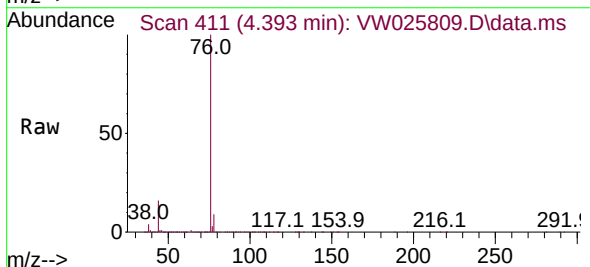
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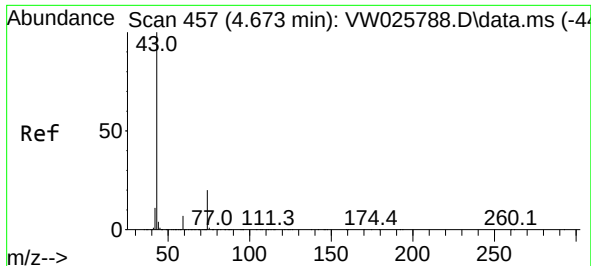
Tgt Ion: 43 Resp: 102119
Ion Ratio Lower Upper
43 100
58 29.3 0.0 58.2



#14
Carbon disulfide
Concen: 24.035 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 647574
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

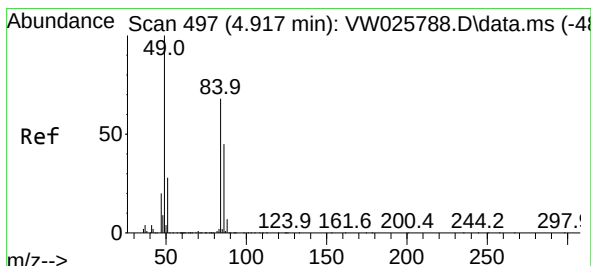
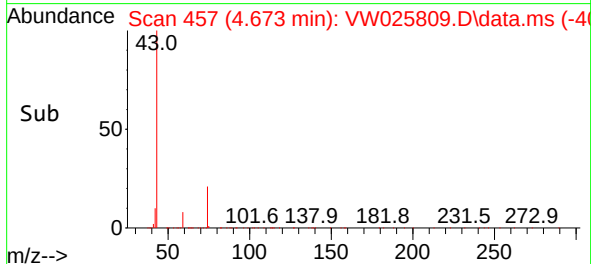
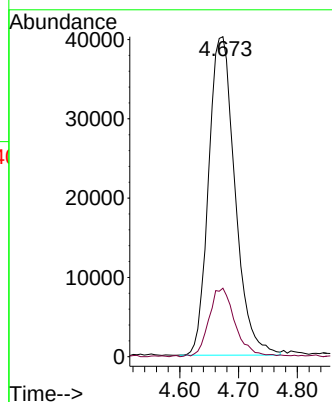
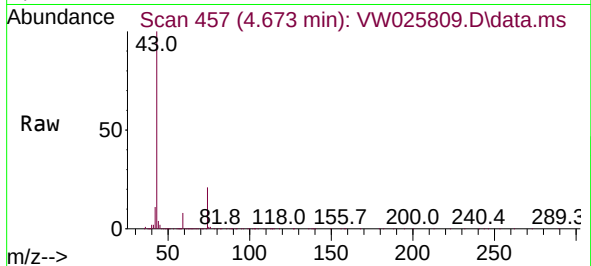




#15
Methyl Acetate
Concen: 25.712 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

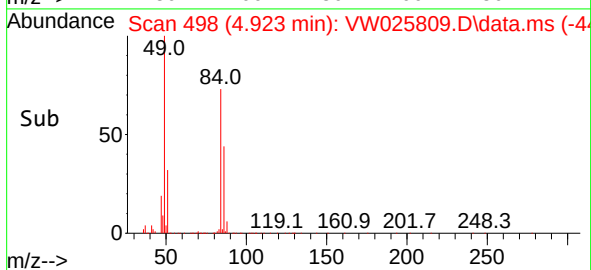
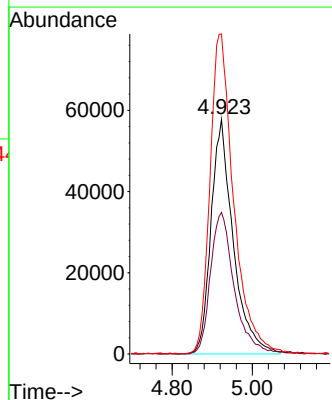
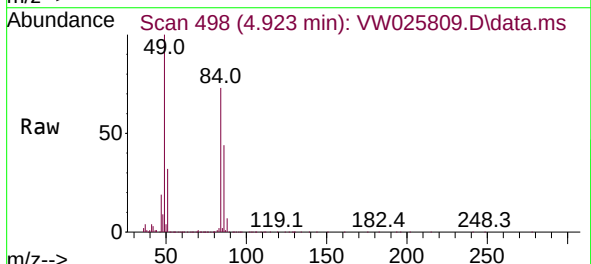
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

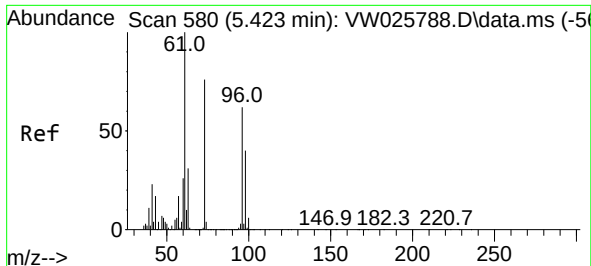
Tgt Ion: 43 Resp: 125385
Ion Ratio Lower Upper
43 100
74 20.6 16.5 24.7



#16
Methylene chloride
Concen: 18.041 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion: 84 Resp: 221646
Ion Ratio Lower Upper
84 100
86 60.4 41.7 77.5
49 136.3 95.3 177.1

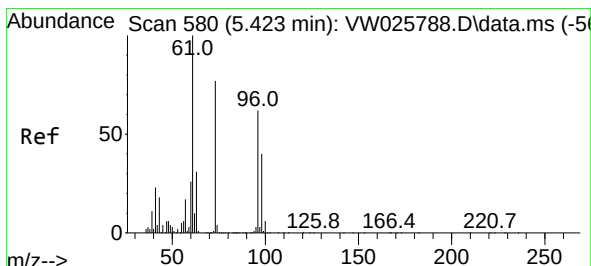
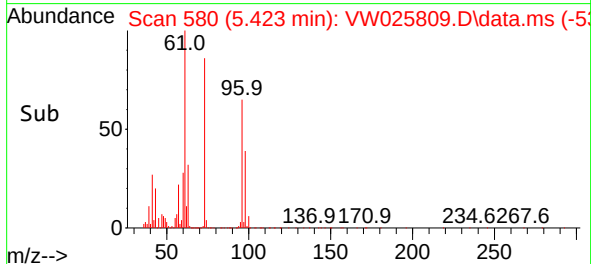
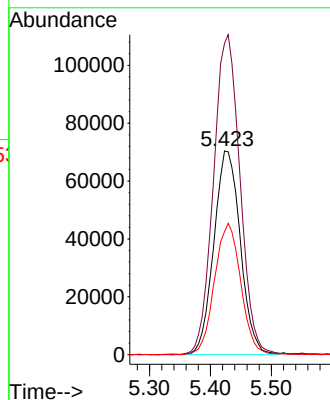
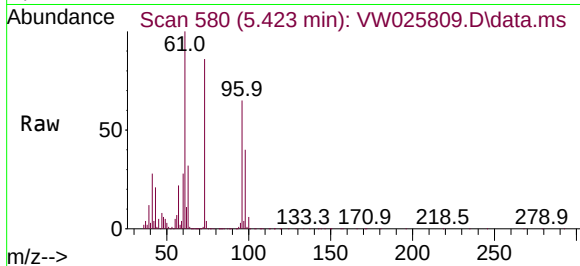




#17
trans-1,2-Dichloroethene
Concen: 24.504 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

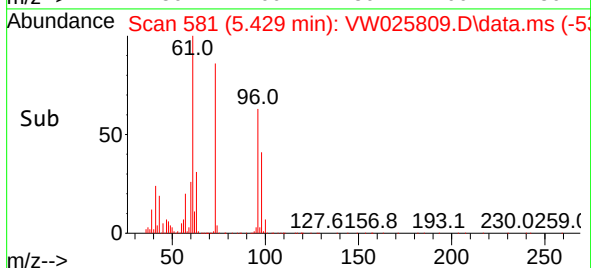
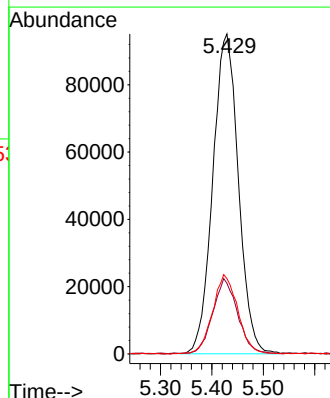
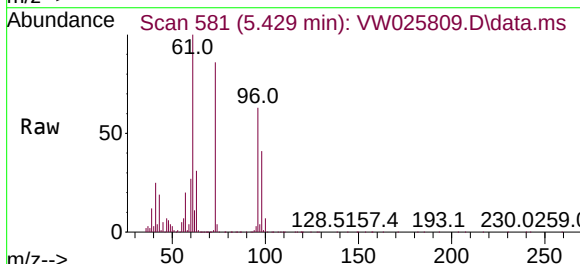
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

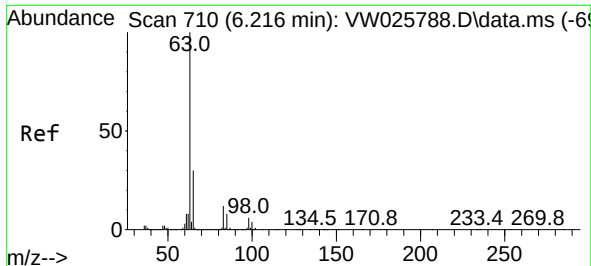
Tgt Ion: 96 Resp: 212977
Ion Ratio Lower Upper
96 100
61 152.8 108.1 200.9
98 60.4 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 24.887 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion: 73 Resp: 328299
Ion Ratio Lower Upper
73 100
43 22.5 18.2 27.4
57 24.2 19.2 28.8





#19

1,1-Dichloroethane

Concen: 24.705 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

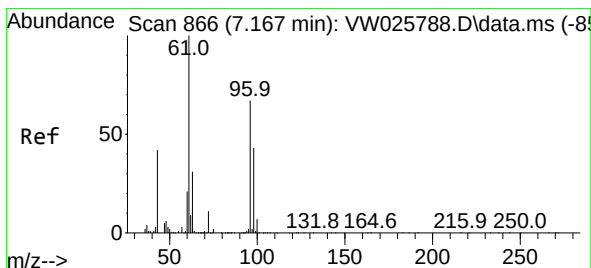
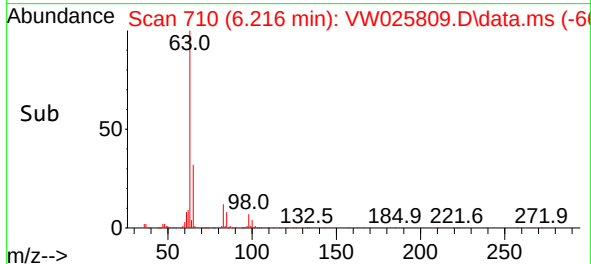
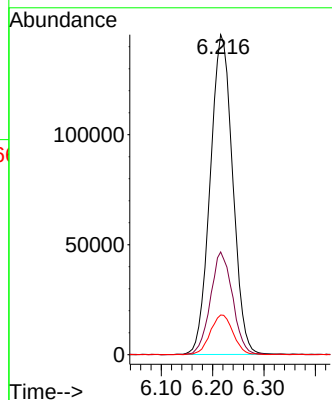
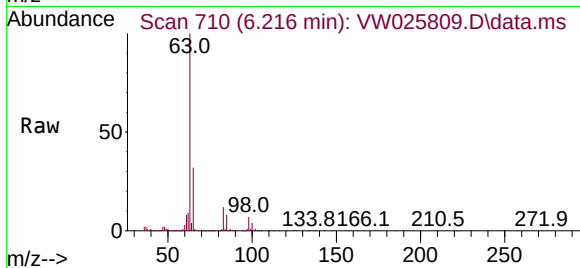
Tgt Ion: 63 Resp: 441172

Ion Ratio Lower Upper

63 100

65 32.1 22.4 41.6

83 12.4 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 24.680 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

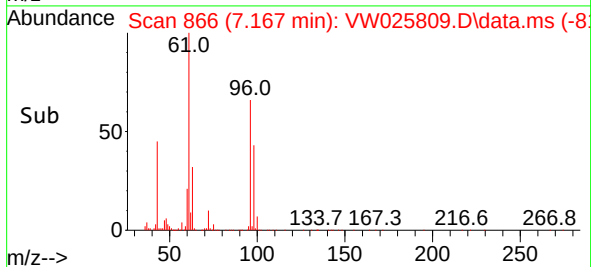
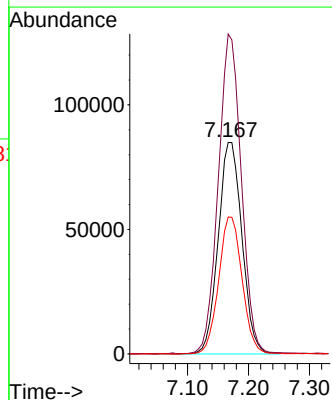
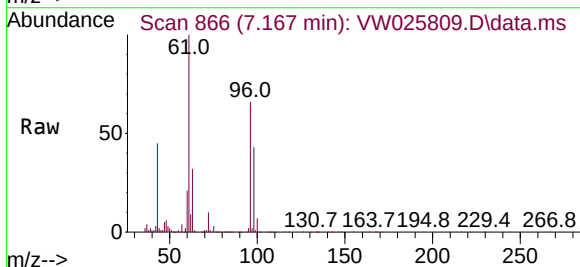
Tgt Ion: 96 Resp: 230135

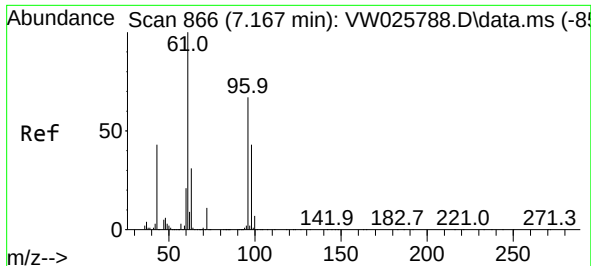
Ion Ratio Lower Upper

96 100

61 151.3 98.6 183.0

98 64.8 45.2 84.0

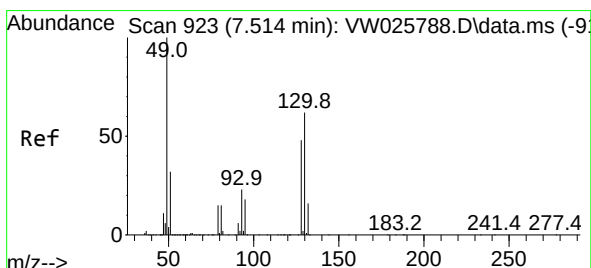
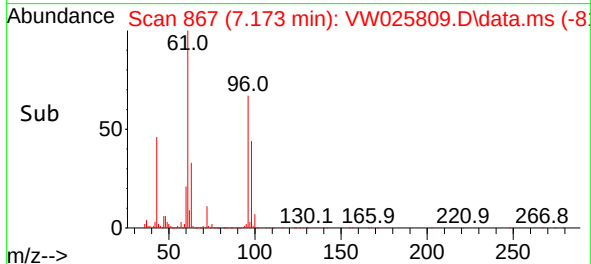
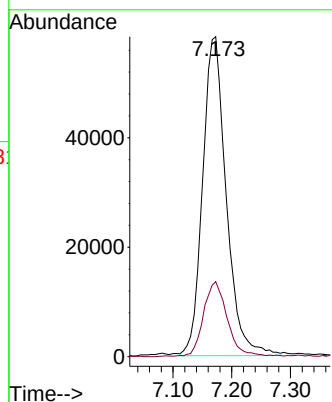
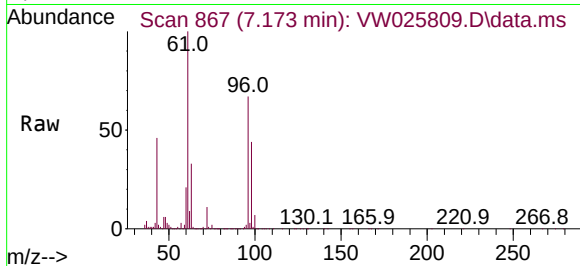




#22
2-Butanone
Concen: 47.690 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

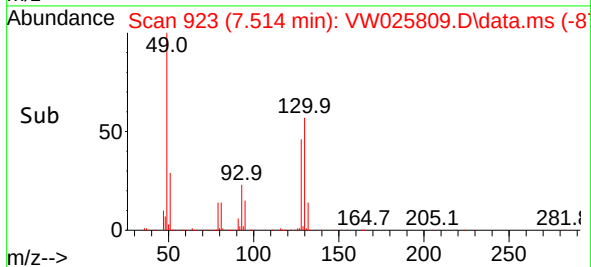
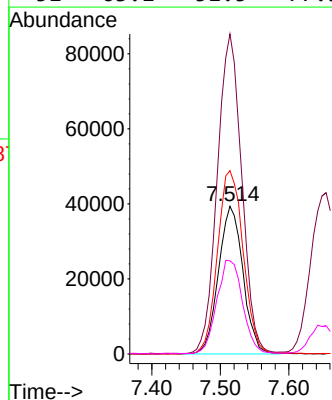
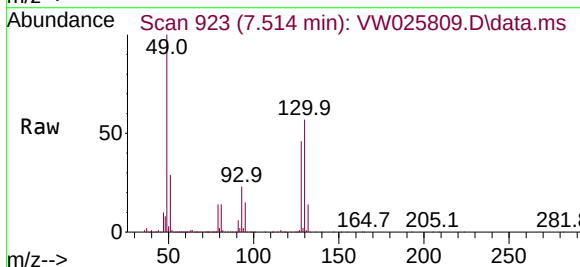
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

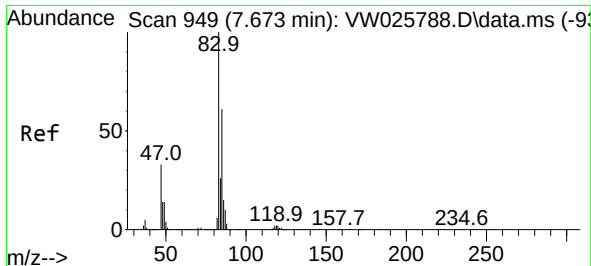
Tgt Ion: 43 Resp: 162953
Ion Ratio Lower Upper
43 100
72 23.6 11.8 35.4



#23
Bromochloromethane
Concen: 24.748 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion: 128 Resp: 97763
Ion Ratio Lower Upper
128 100
49 216.7 151.5 281.5
130 124.1 91.3 169.6
51 63.1 51.5 77.3

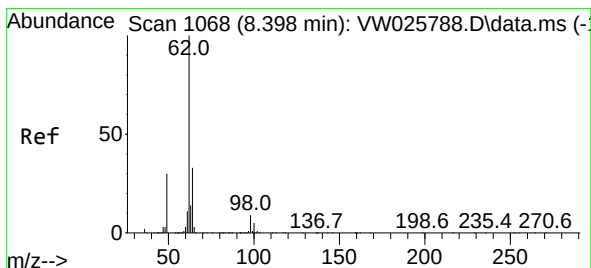
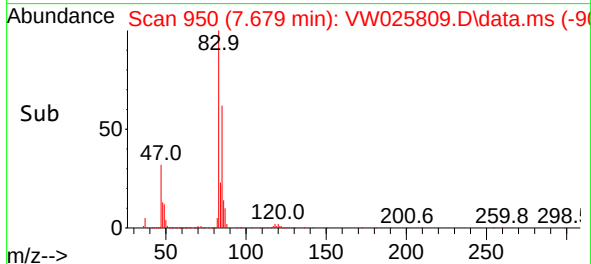
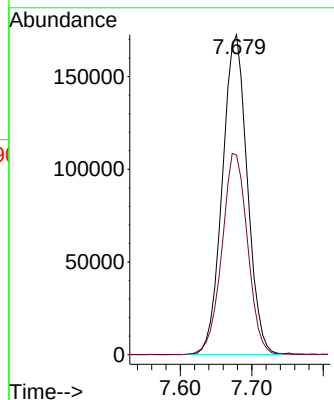
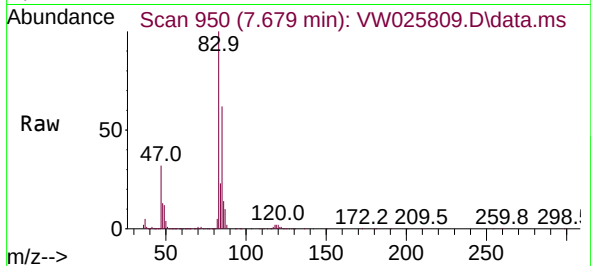




#25
Chloroform
Concen: 25.393 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

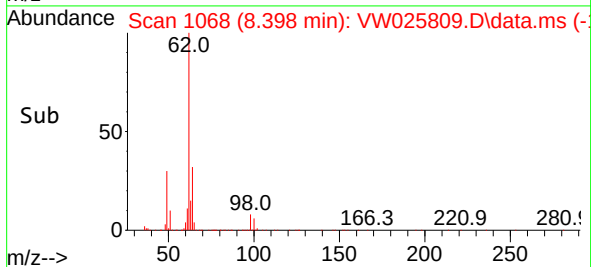
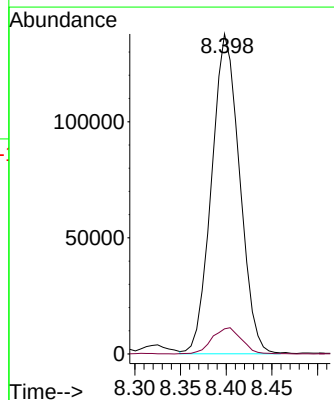
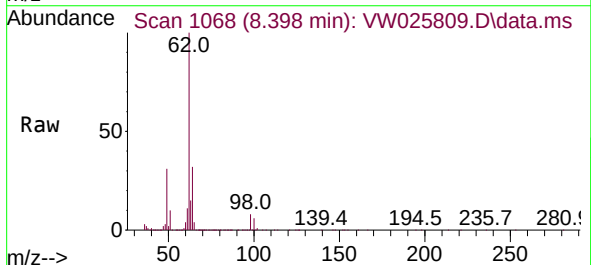
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

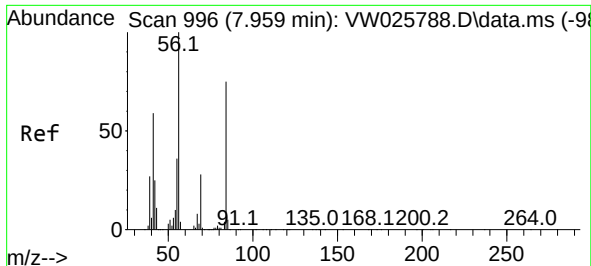
Tgt Ion: 83 Resp: 416766
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 25.210 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion: 62 Resp: 293849
Ion Ratio Lower Upper
62 100
98 7.9 7.2 10.8





#29

Cyclohexane

Concen: 23.711 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

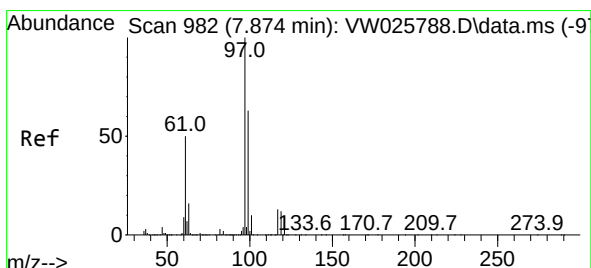
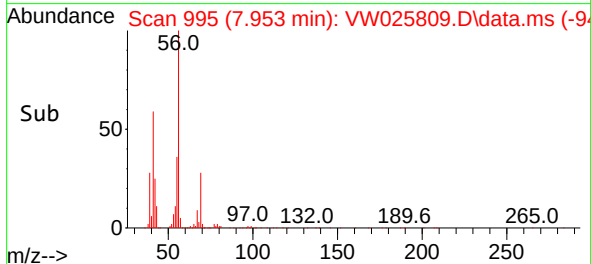
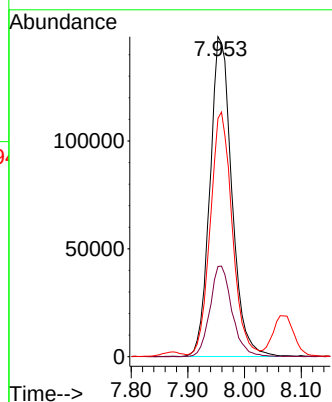
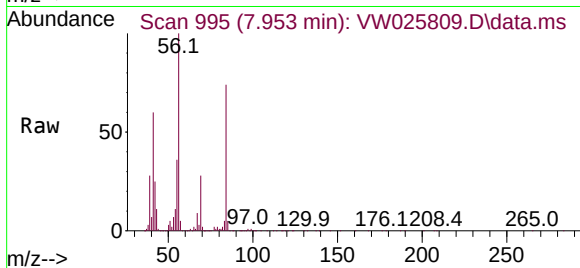
Tgt Ion: 56 Resp: 397845

Ion Ratio Lower Upper

56 100

69 28.6 23.4 35.0

84 76.8 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 23.589 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

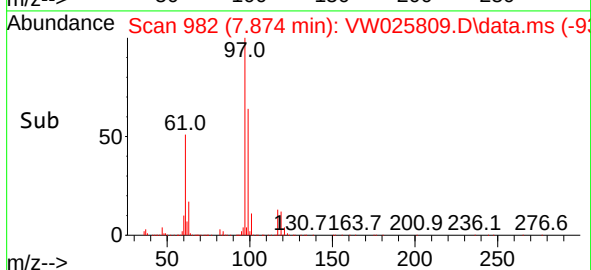
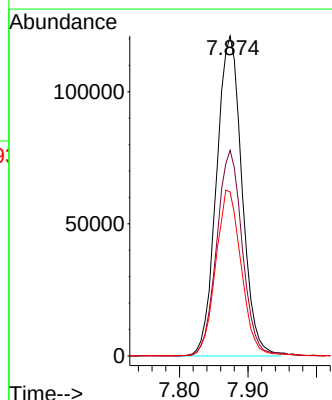
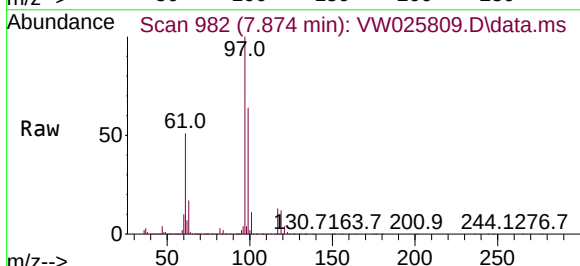
Tgt Ion: 97 Resp: 312362

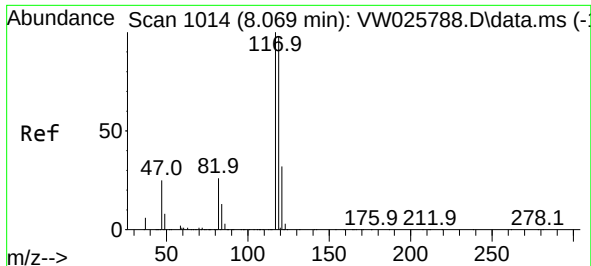
Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 51.6 40.4 60.6

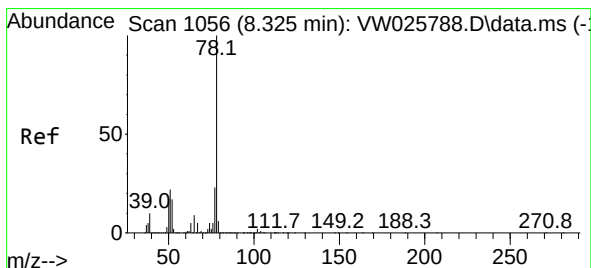
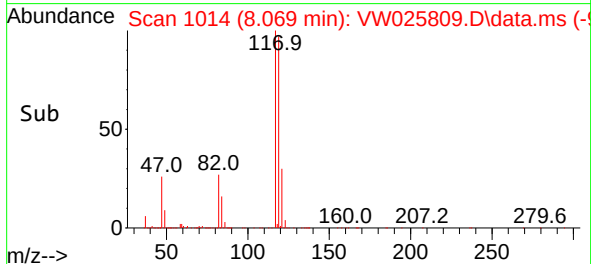
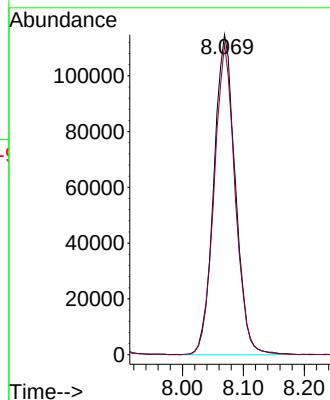
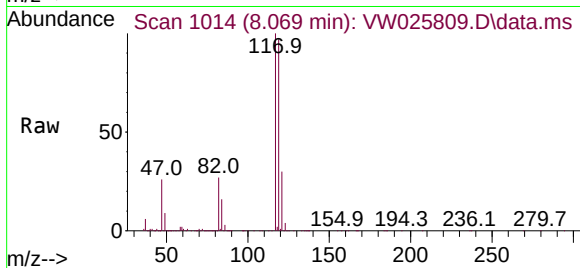




#31
Carbon tetrachloride
Concen: 23.562 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

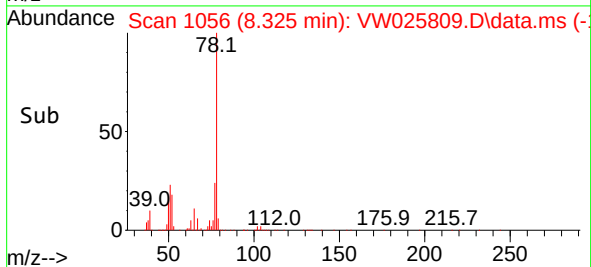
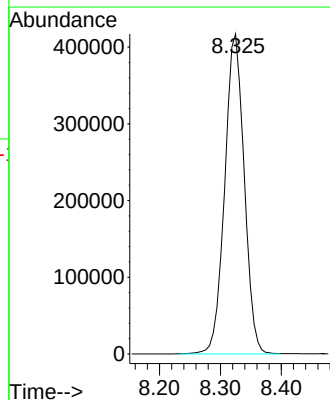
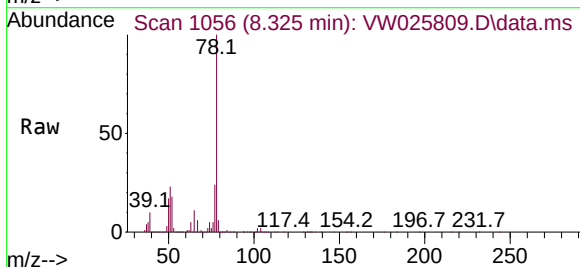
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

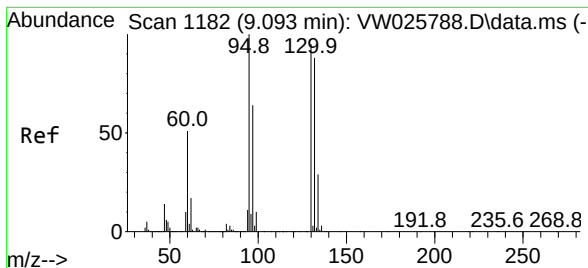
Tgt Ion:117 Resp: 280782
Ion Ratio Lower Upper
117 100
119 94.8 76.9 115.3



#33
Benzene
Concen: 24.721 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion: 78 Resp: 926058





#34

Trichloroethene

Concen: 23.948 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

Tgt Ion: 95 Resp: 230198

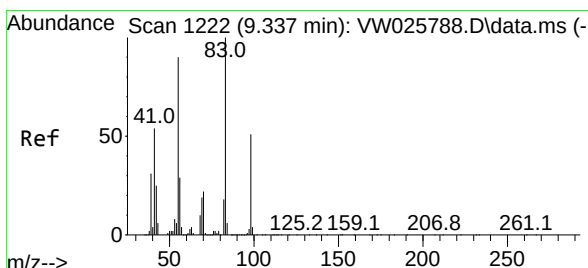
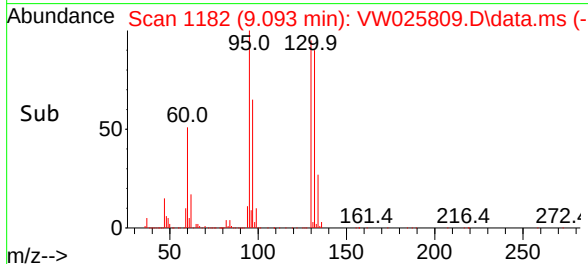
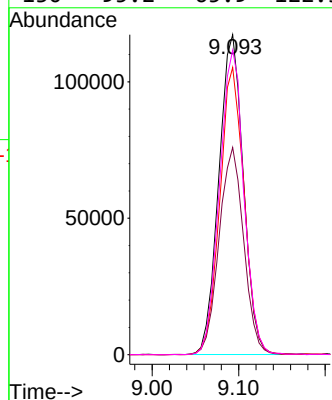
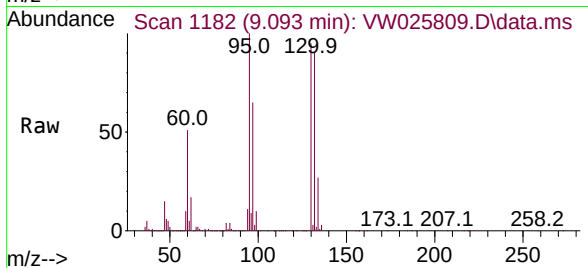
Ion Ratio Lower Upper

95 100

97 64.8 45.9 85.3

132 89.7 66.0 122.6

130 95.2 65.9 122.3



#35

Methylcyclohexane

Concen: 23.446 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

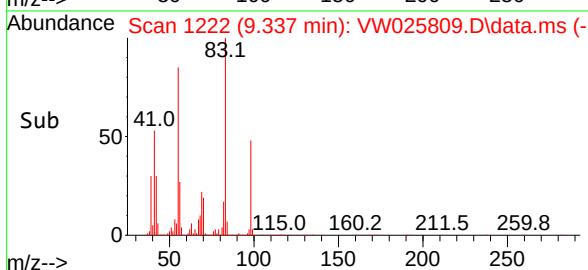
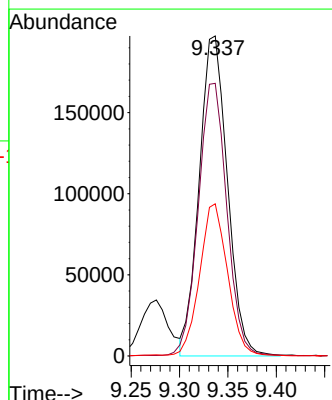
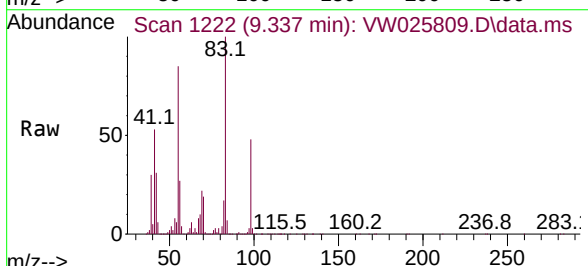
Tgt Ion: 83 Resp: 400838

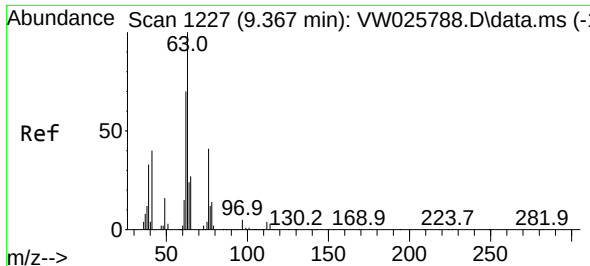
Ion Ratio Lower Upper

83 100

55 86.2 69.0 103.4

98 47.3 37.1 55.7





#37

1,2-Dichloropropane

Concen: 24.918 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

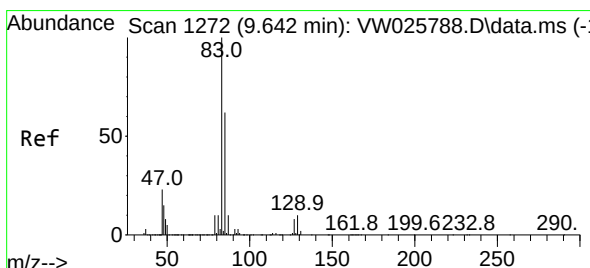
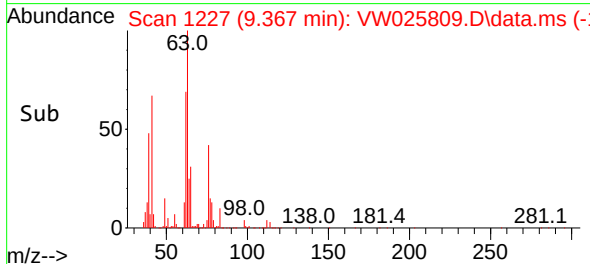
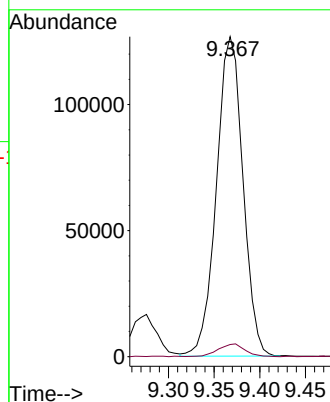
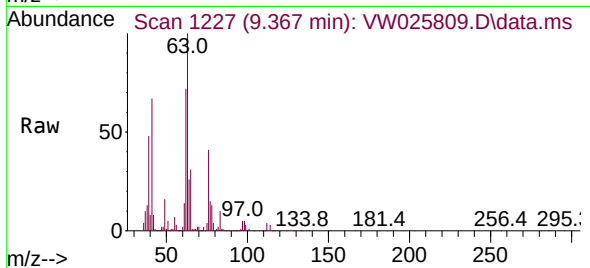
VSTD025591

Tgt Ion: 63 Resp: 255737

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 24.821 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

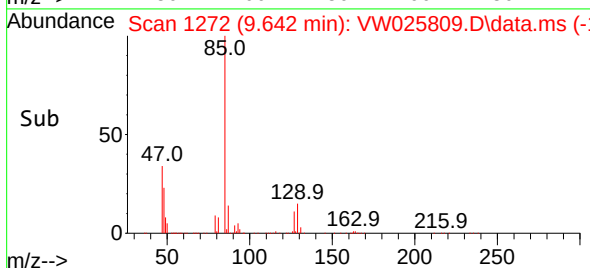
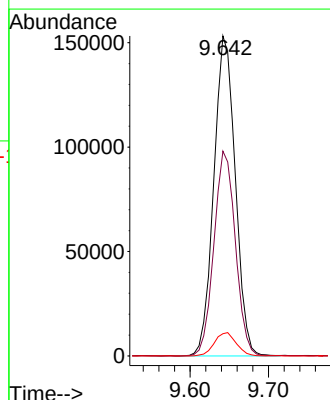
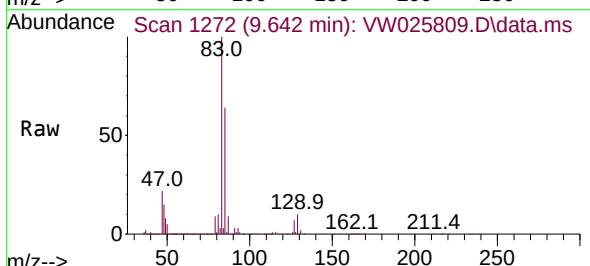
Tgt Ion: 83 Resp: 292250

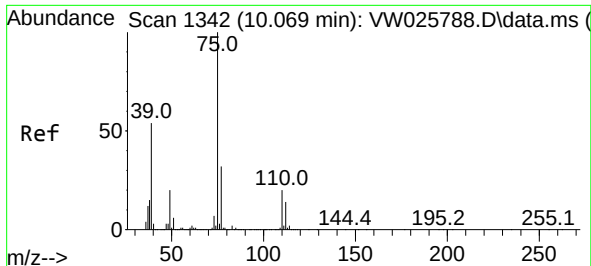
Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.5

127 7.0 6.5 9.7

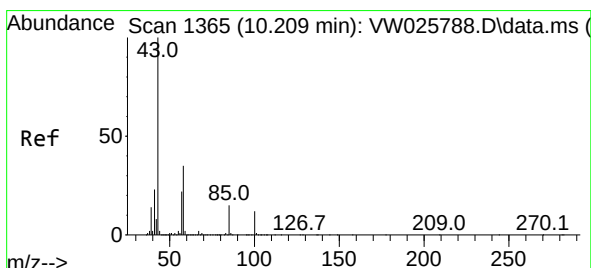
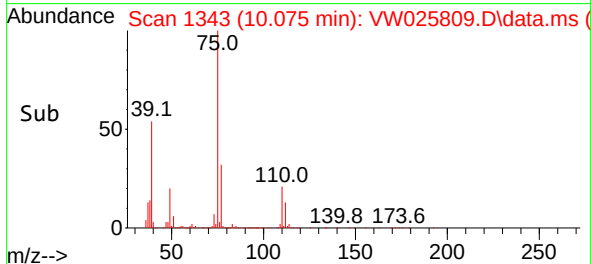
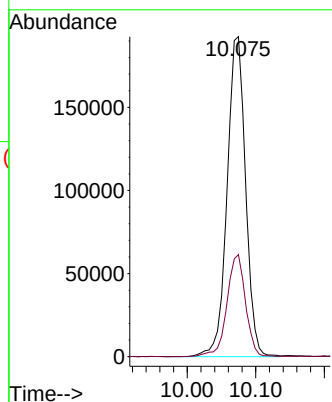
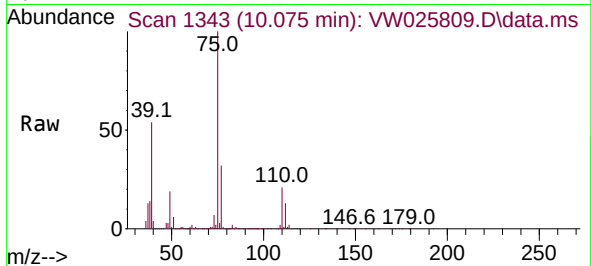




#39
cis-1,3-Dichloropropene
Concen: 23.989 ug/L
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

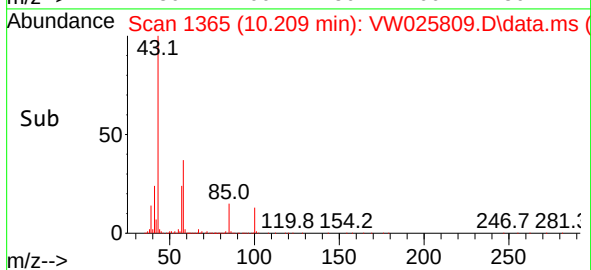
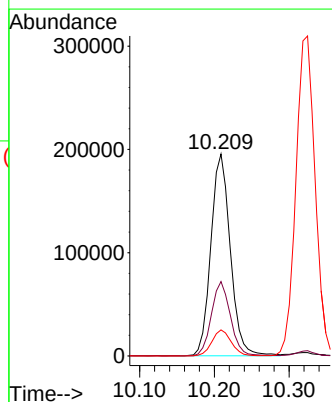
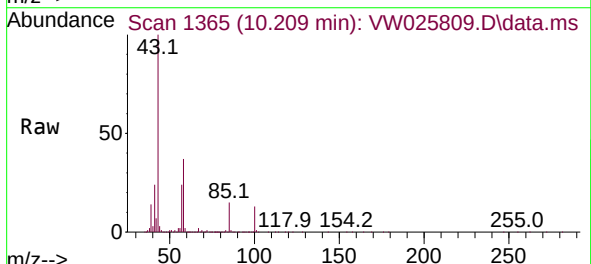
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

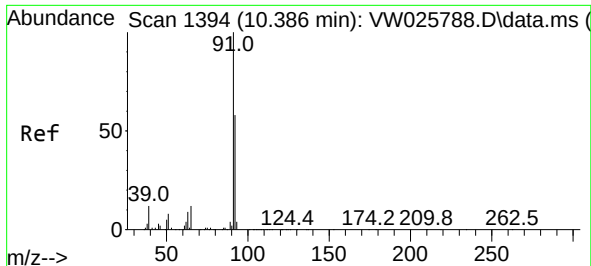
Tgt Ion: 75 Resp: 361051
Ion Ratio Lower Upper
75 100
77 31.9 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 52.934 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion: 43 Resp: 353613
Ion Ratio Lower Upper
43 100
58 36.0 29.4 44.0
100 12.9 10.1 15.1

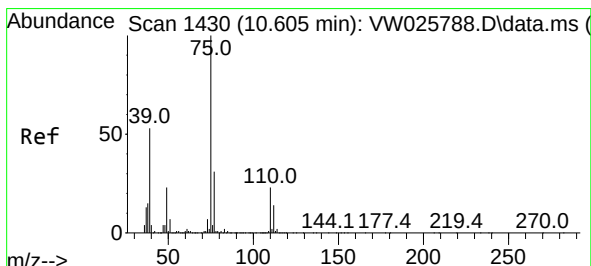
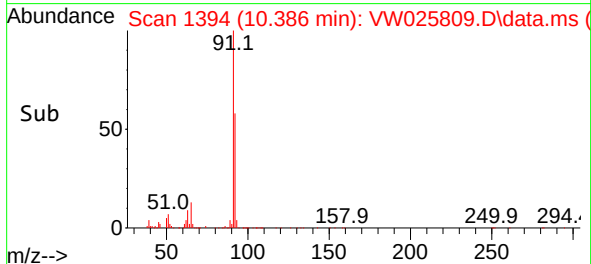
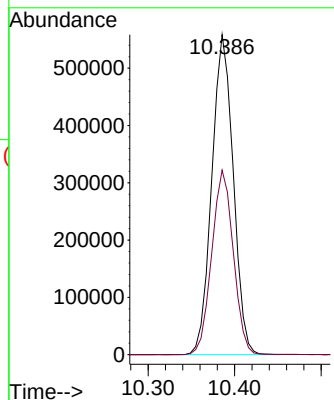
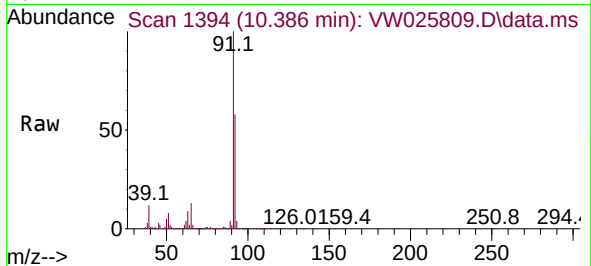




#42
Toluene
Concen: 25.085 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

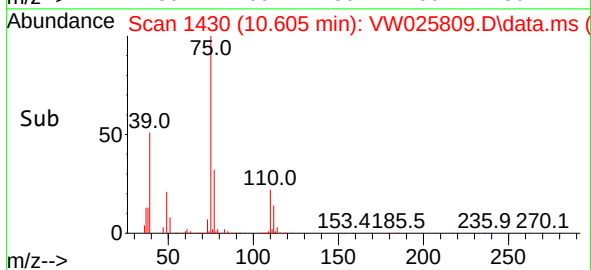
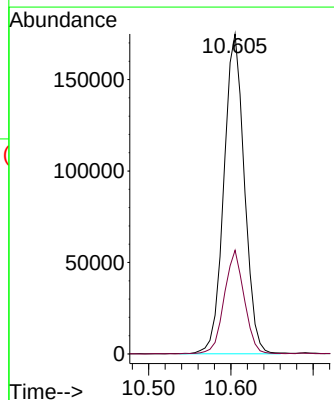
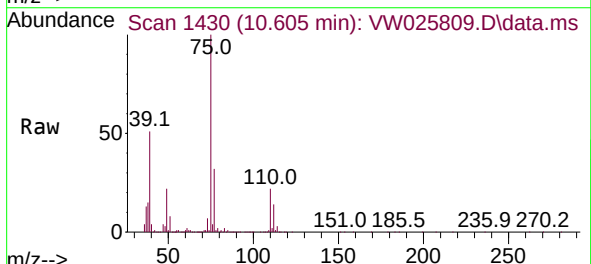
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

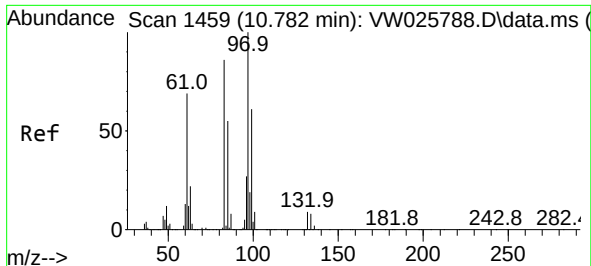
Tgt Ion: 91 Resp: 960154
Ion Ratio Lower Upper
91 100
92 57.6 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 24.302 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion: 75 Resp: 303068
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4

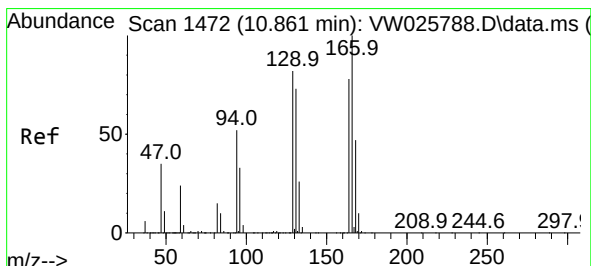
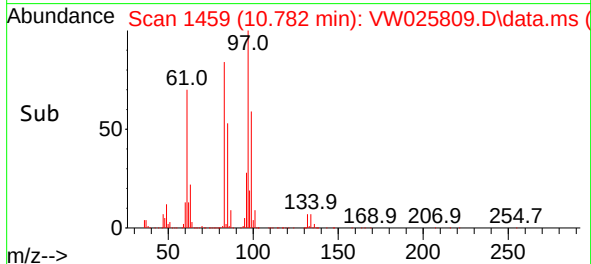
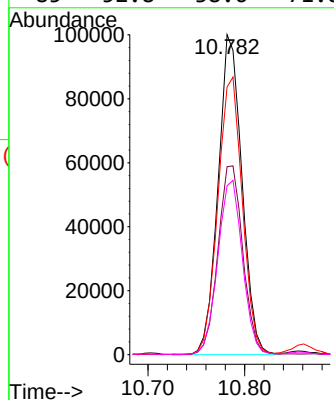
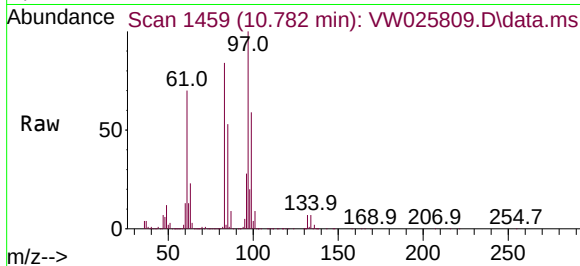




#45
1,1,2-Trichloroethane
Concen: 24.946 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

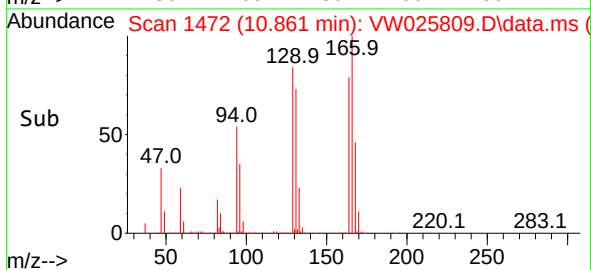
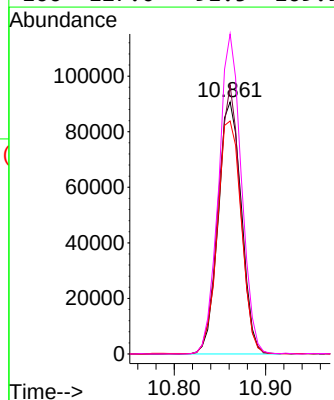
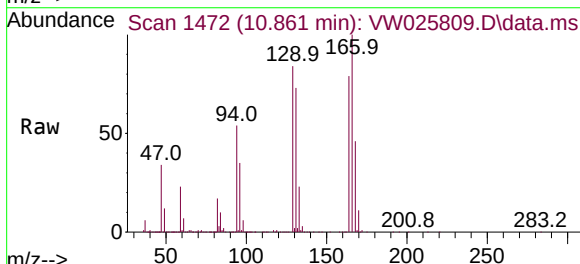
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

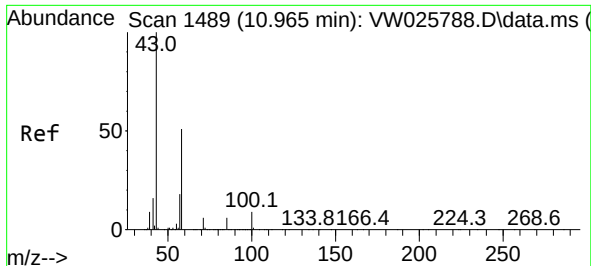
Tgt Ion:	97	Resp:	171259
Ion	Ratio	Lower	Upper
97	100		
99	58.8	44.5	82.7
83	83.6	63.0	117.0
85	52.8	38.6	71.8



#46
Tetrachloroethene
Concen: 23.713 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion:	164	Resp:	160359
Ion	Ratio	Lower	Upper
164	100		
129	106.6	74.3	138.1
131	92.5	71.3	132.3
166	127.0	91.5	169.9

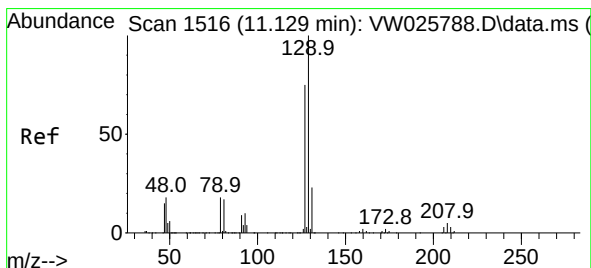
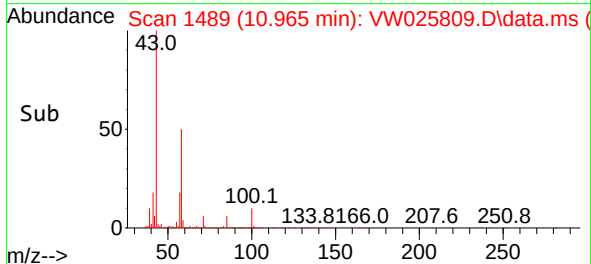
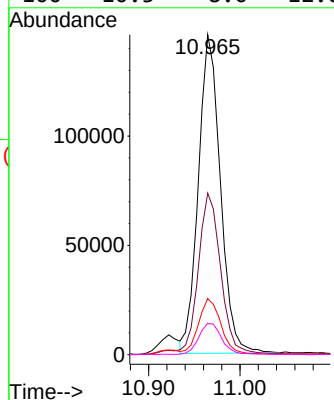
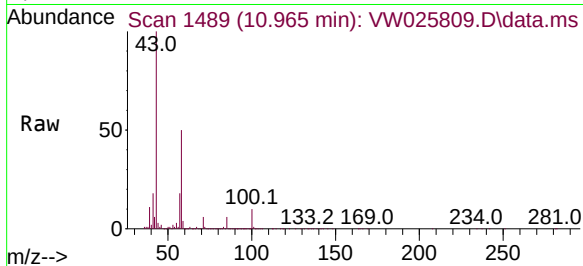




#48
2-Hexanone
Concen: 51.066 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

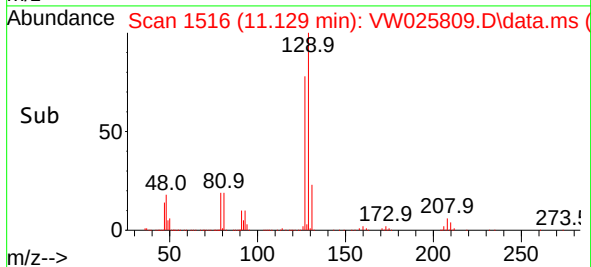
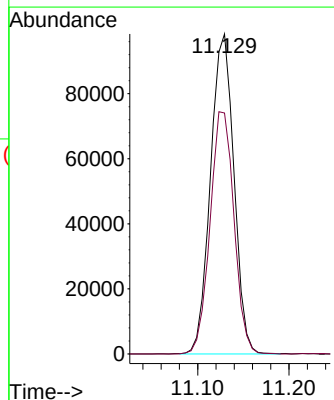
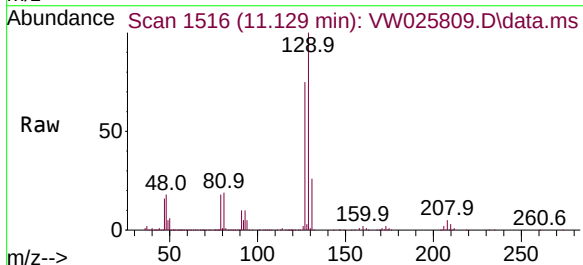
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

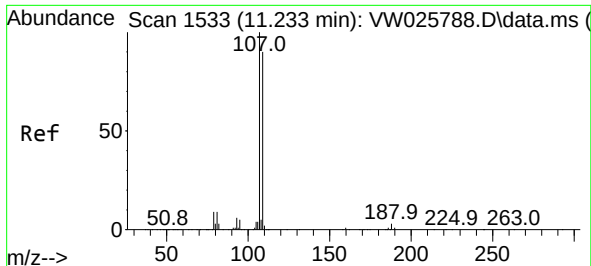
Tgt Ion:	43	Resp:	244386
Ion	Ratio	Lower	Upper
43	100		
58	51.1	40.8	61.2
57	18.1	13.6	20.4
100	10.3	8.0	12.0



#49
Dibromochloromethane
Concen: 24.625 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion:	129	Resp:	175021
Ion	Ratio	Lower	Upper
129	100		
127	75.3	56.1	104.3





#50

1,2-Dibromoethane

Concen: 25.161 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

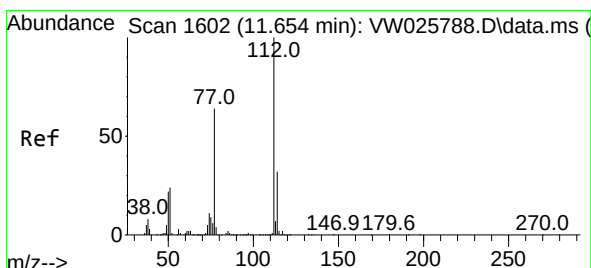
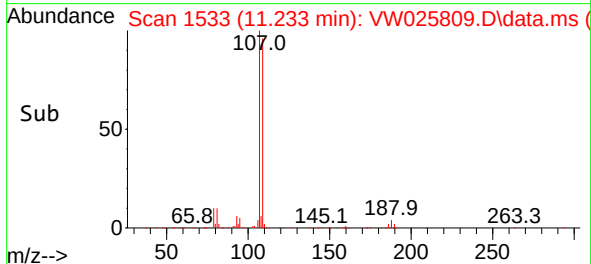
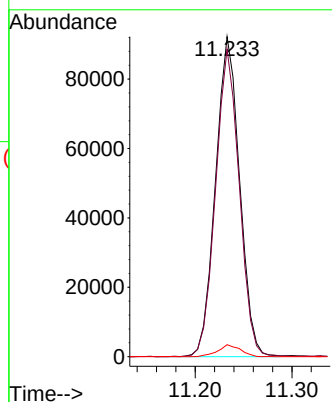
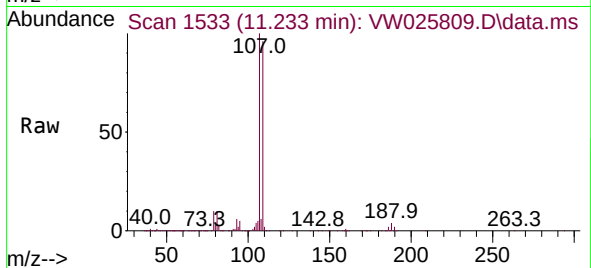
Tgt Ion:107 Resp: 159244

Ion Ratio Lower Upper

107 100

109 96.2 67.5 125.4

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 25.129 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

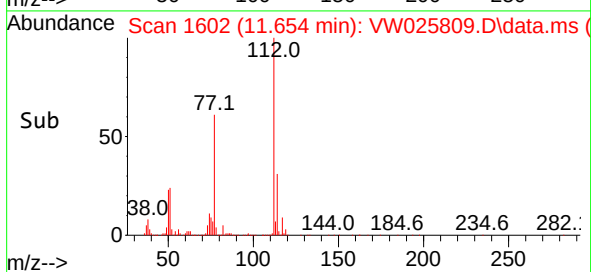
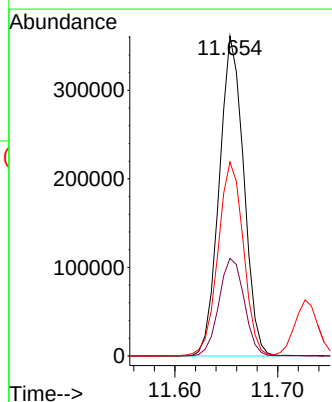
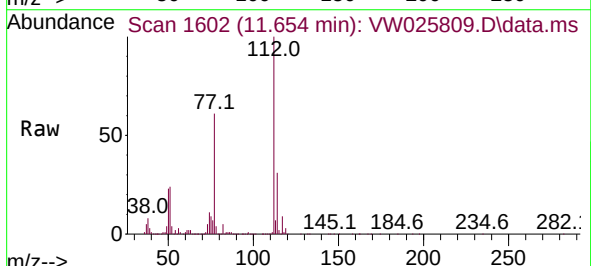
Tgt Ion:112 Resp: 595845

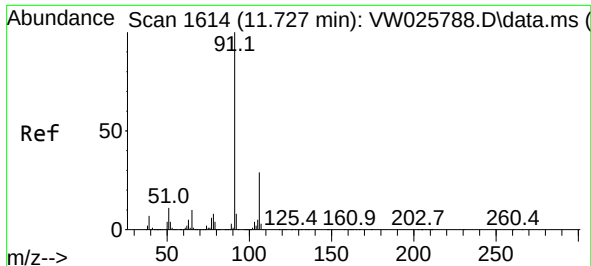
Ion Ratio Lower Upper

112 100

114 30.5 22.7 42.3

77 60.6 53.0 79.6

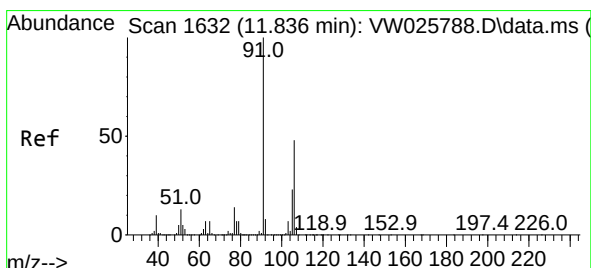
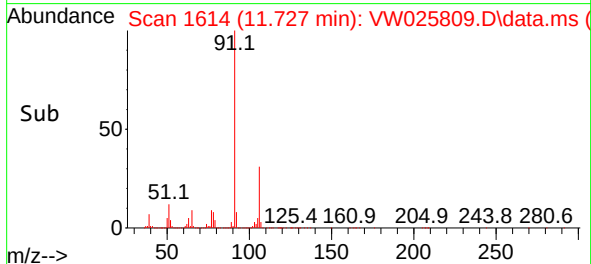
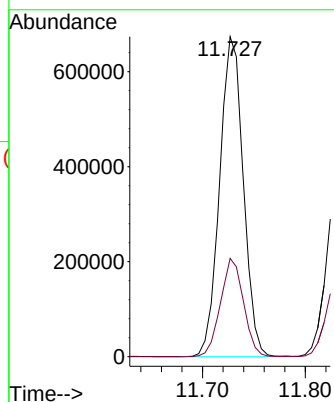
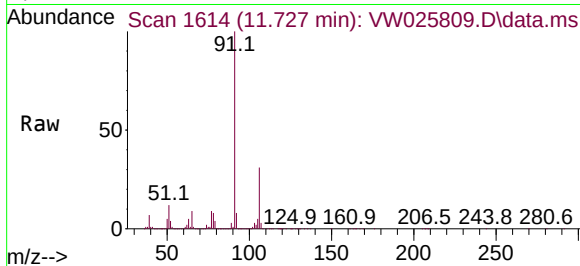




#52
Ethylbenzene
Concen: 24.979 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

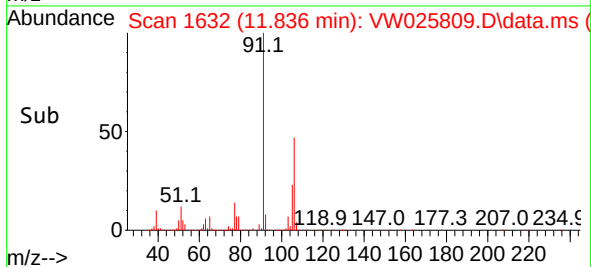
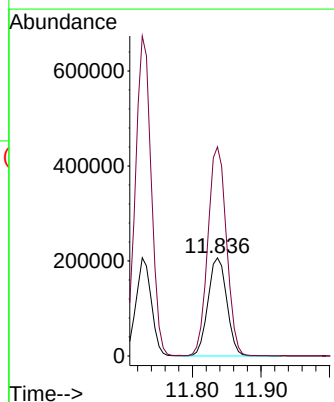
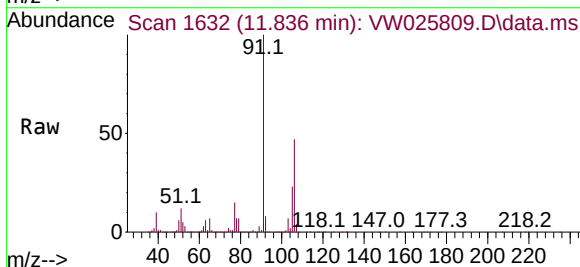
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

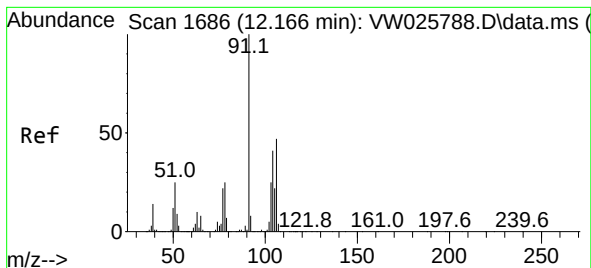
Tgt Ion: 91 Resp: 1075484
Ion Ratio Lower Upper
91 100
106 30.7 20.8 38.6



#53
m,p-Xylene
Concen: 24.902 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion:106 Resp: 394609
Ion Ratio Lower Upper
106 100
91 213.3 150.1 278.9





#54

o-Xylene

Concen: 25.227 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

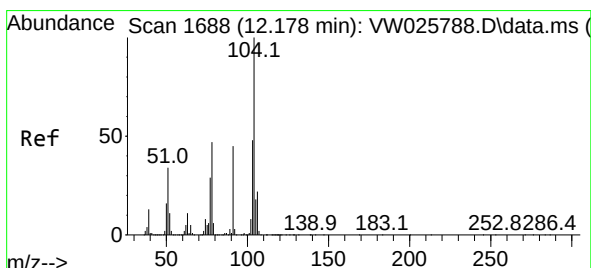
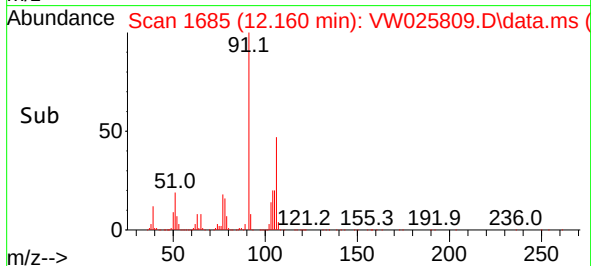
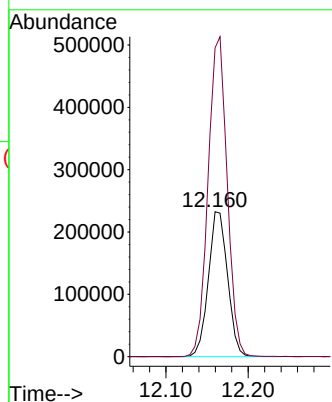
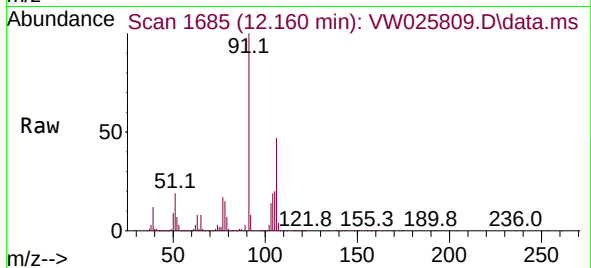
VSTD025591

Tgt Ion:106 Resp: 376800

Ion Ratio Lower Upper

106 100

91 213.0 157.8 293.1



#55

Styrene

Concen: 25.851 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW025809.D

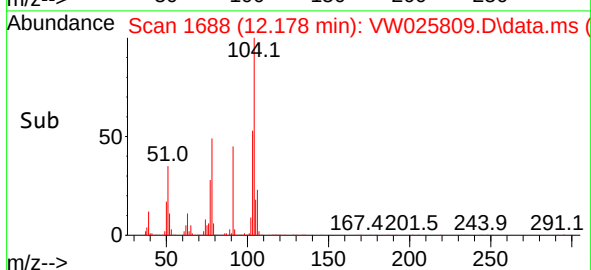
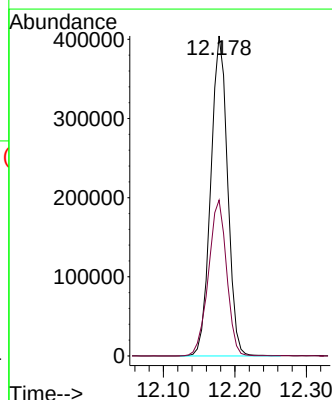
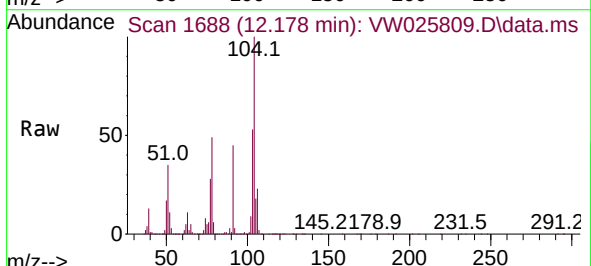
Acq: 02 May 2023 19:02

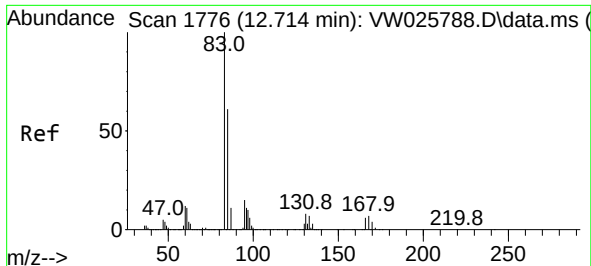
Tgt Ion:104 Resp: 660877

Ion Ratio Lower Upper

104 100

78 48.7 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.539 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

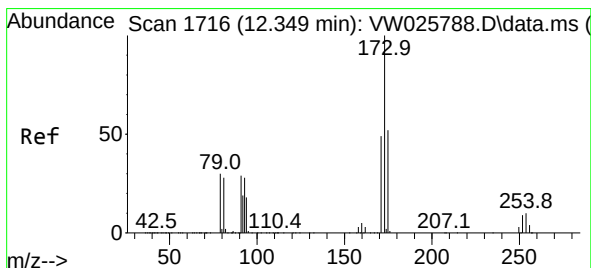
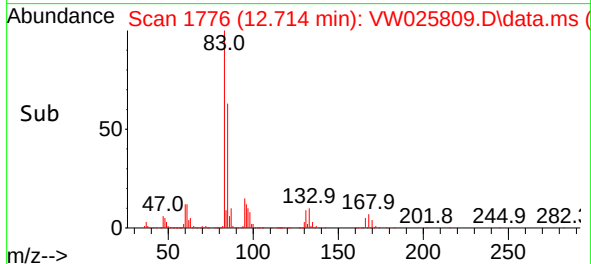
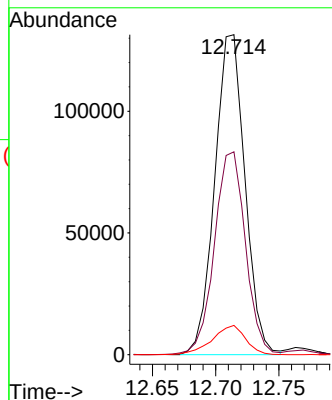
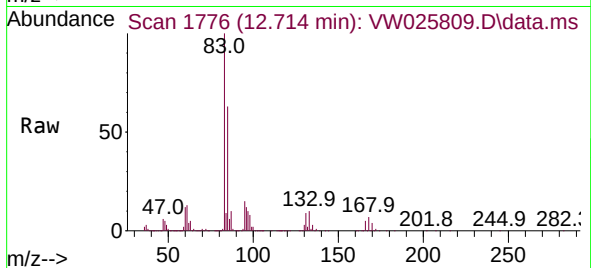
Tgt Ion: 83 Resp: 218777

Ion Ratio Lower Upper

83 100

85 63.4 45.6 84.8

131 9.2 8.1 12.1



#59

Bromoform

Concen: 23.468 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

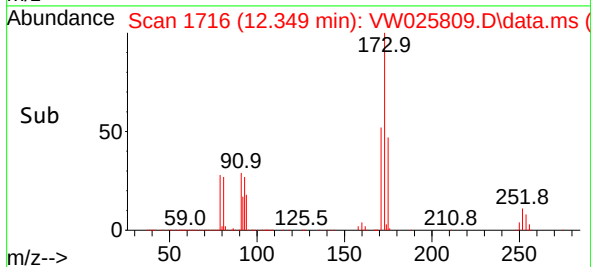
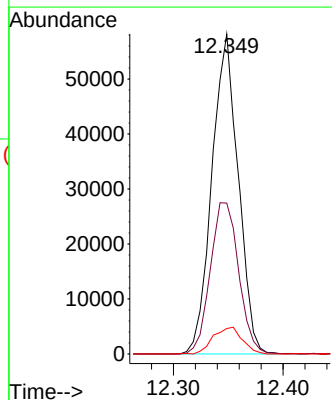
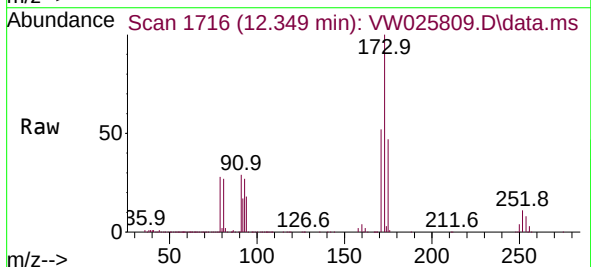
Tgt Ion: 173 Resp: 97047

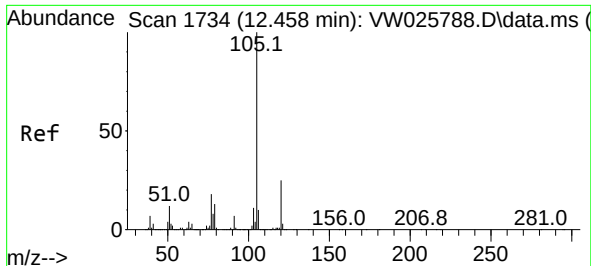
Ion Ratio Lower Upper

173 100

175 51.0 38.6 57.8

254 9.2 7.6 11.4

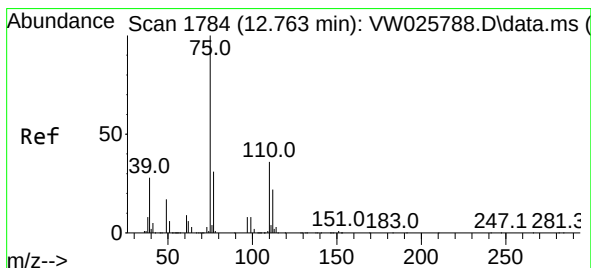
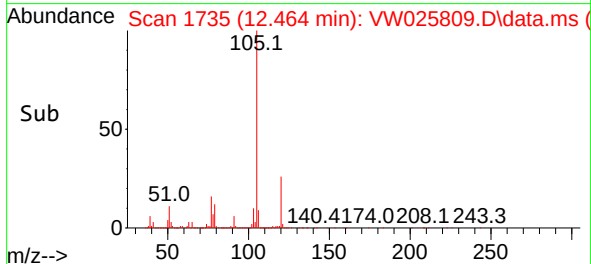
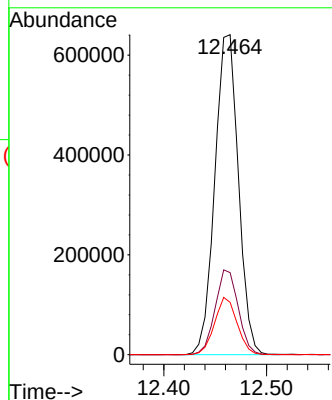
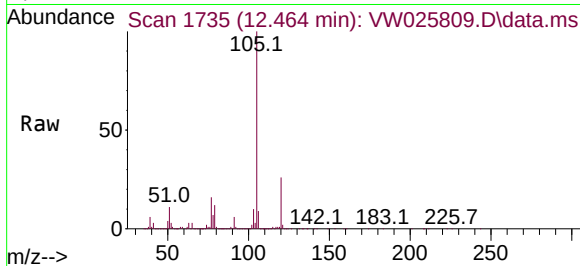




#60
Isopropylbenzene
Concen: 24.028 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

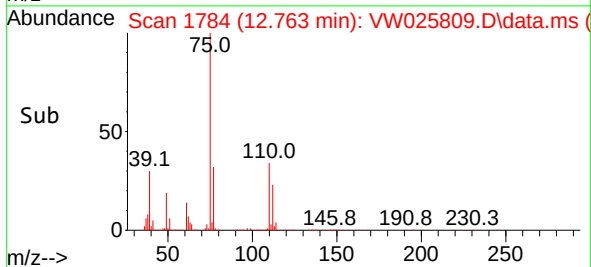
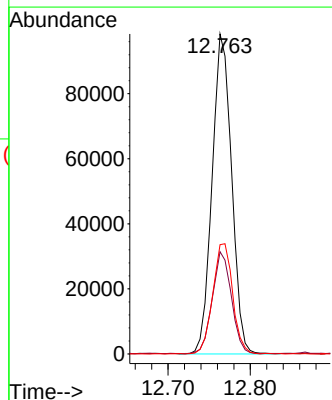
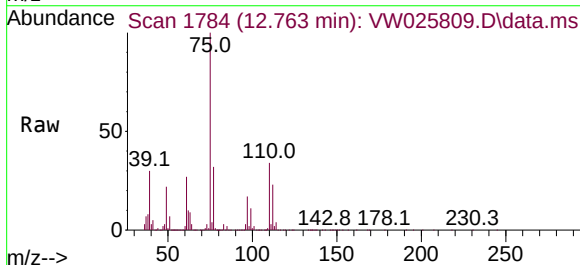
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

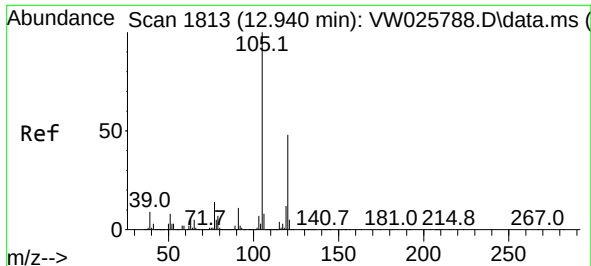
Tgt Ion:105 Resp: 1019682
Ion Ratio Lower Upper
105 100
120 25.9 21.1 31.7
77 17.2 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 24.582 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025809.D
Acq: 02 May 2023 19:02

Tgt Ion: 75 Resp: 162193
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
110 35.1 27.6 41.4

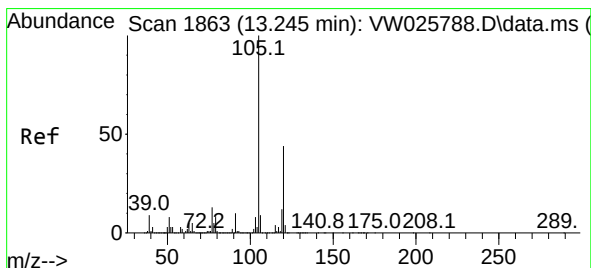
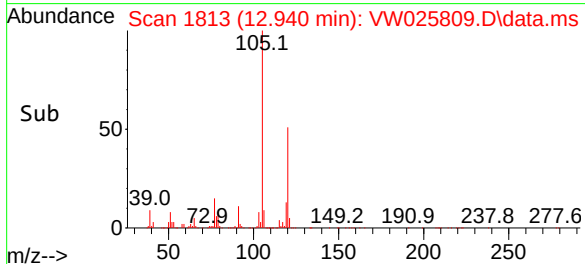
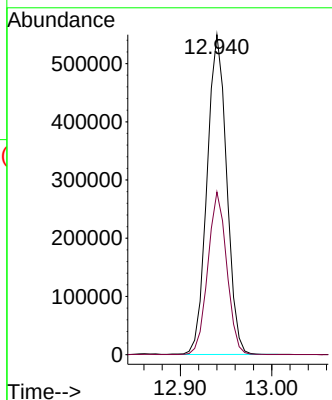
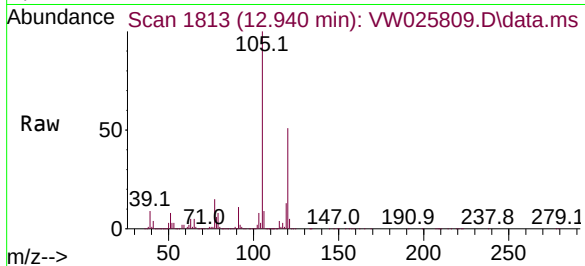




#62
 1,3,5-Trimethylbenzene
 Concen: 24.312 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW025809.D
 Acq: 02 May 2023 19:02

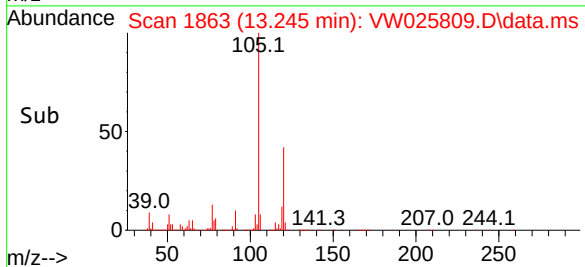
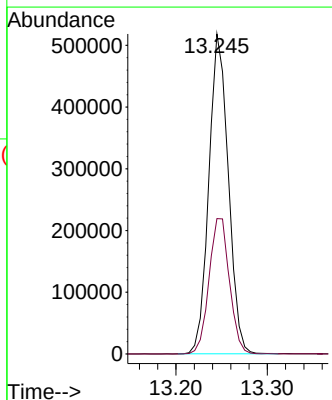
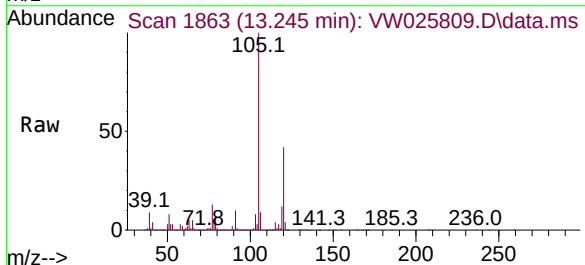
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

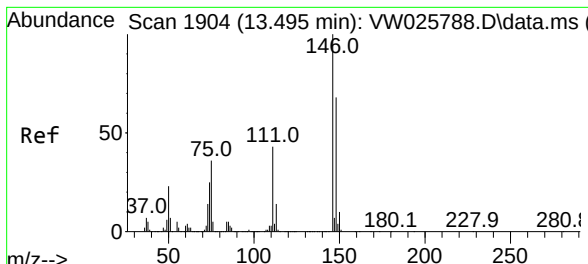
Tgt Ion:105 Resp: 817172
 Ion Ratio Lower Upper
 105 100
 120 48.9 37.1 55.7



#63
 1,2,4-Trimethylbenzene
 Concen: 24.771 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW025809.D
 Acq: 02 May 2023 19:02

Tgt Ion:105 Resp: 768321
 Ion Ratio Lower Upper
 105 100
 120 44.4 34.7 52.1

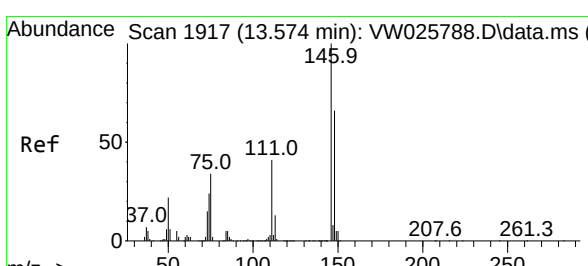
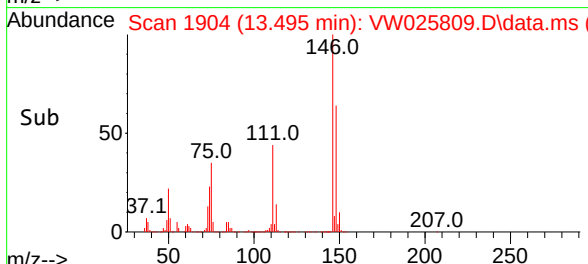
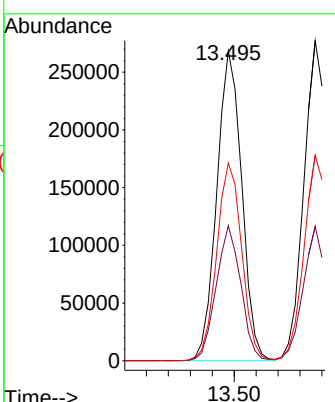
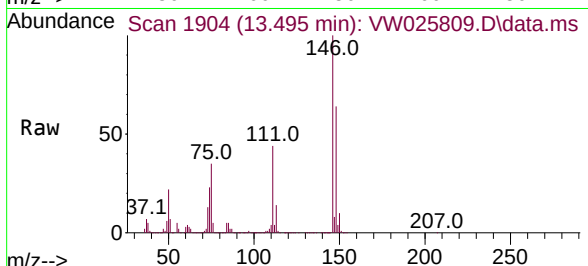




#64
 1,3-Dichlorobenzene
 Concen: 23.256 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW025809.D
 Acq: 02 May 2023 19:02

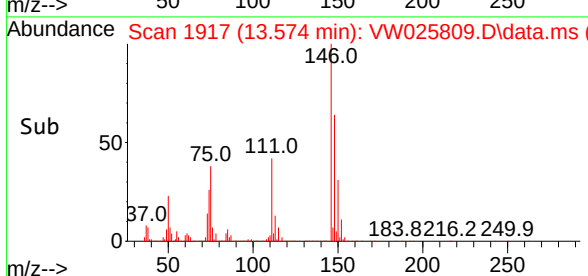
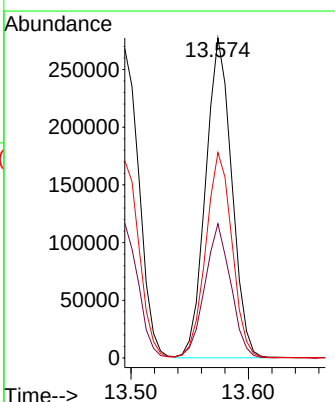
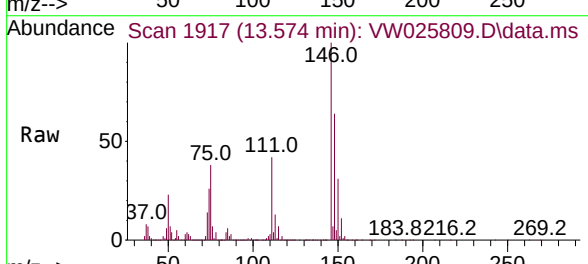
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

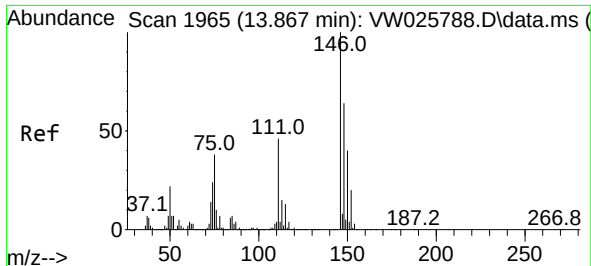
Tgt Ion:	146	Resp:	424857
Ion	Ratio	Lower	Upper
146	100		
111	43.6	30.4	56.4
148	63.8	40.8	75.8



#65
 1,4-Dichlorobenzene
 Concen: 23.273 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW025809.D
 Acq: 02 May 2023 19:02

Tgt Ion:	146	Resp:	429534
Ion	Ratio	Lower	Upper
146	100		
111	42.0	27.9	51.9
148	64.2	44.7	82.9





#67

1,2-Dichlorobenzene

Concen: 23.507 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

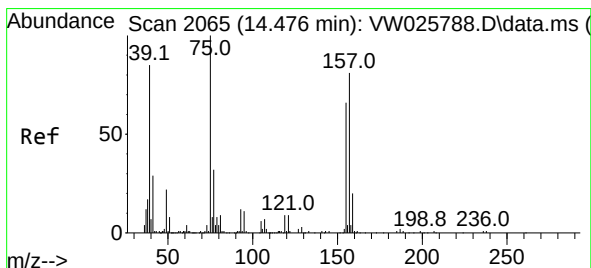
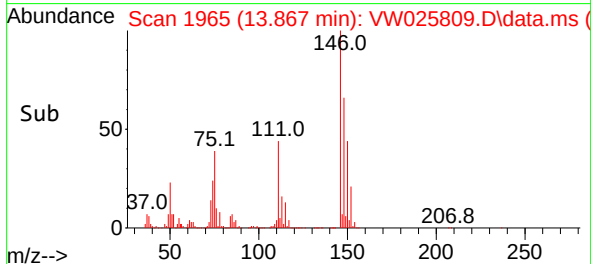
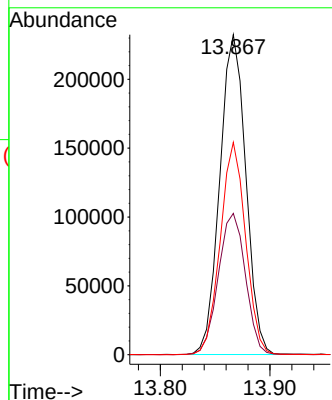
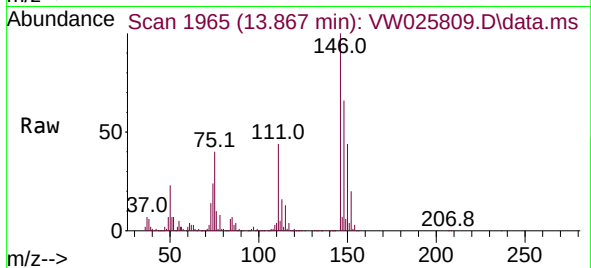
Tgt Ion:146 Resp: 382987

Ion Ratio Lower Upper

146 100

111 44.2 37.7 56.5

148 66.4 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.076 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

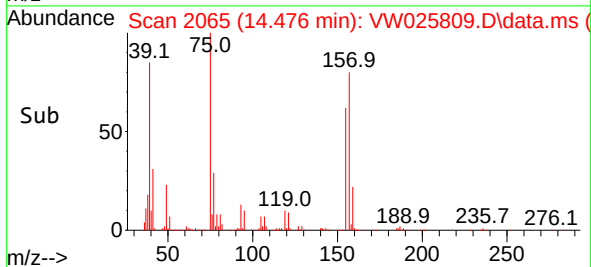
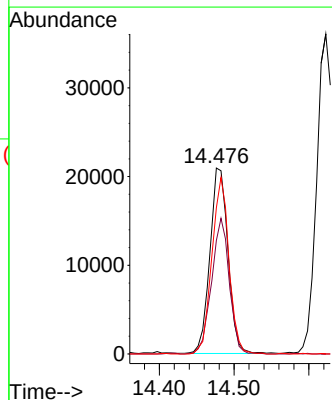
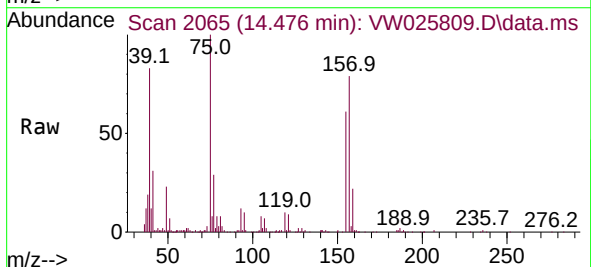
Tgt Ion: 75 Resp: 35307

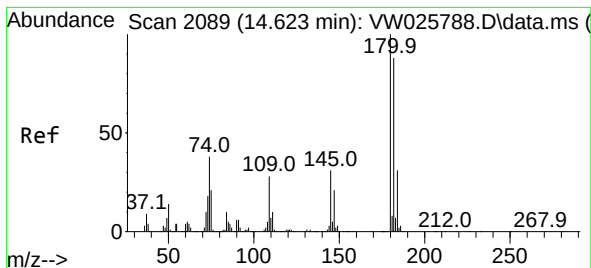
Ion Ratio Lower Upper

75 100

155 61.0 56.3 84.5

157 78.6 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 22.701 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

Tgt Ion:180 Resp: 275288

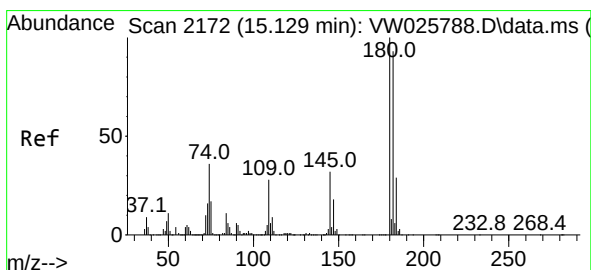
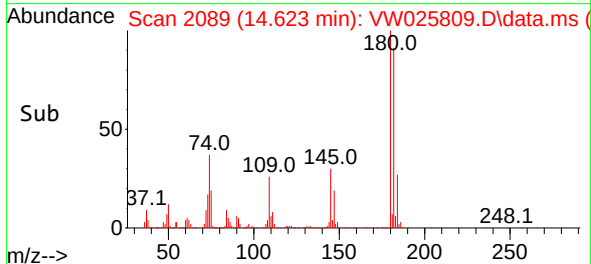
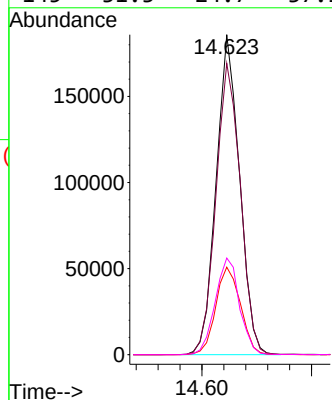
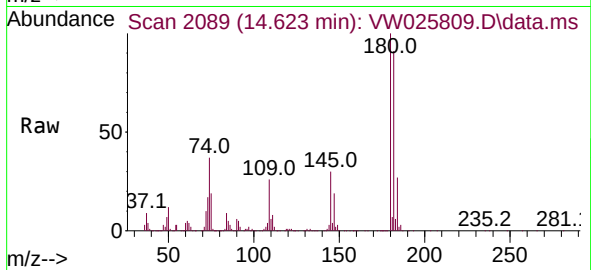
Ion Ratio Lower Upper

180 100

182 95.3 77.4 116.0

184 29.0 24.7 37.1

145 31.3 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 22.728 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

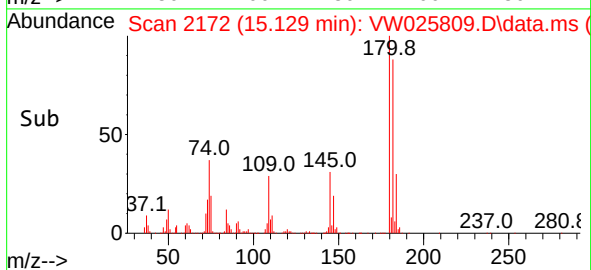
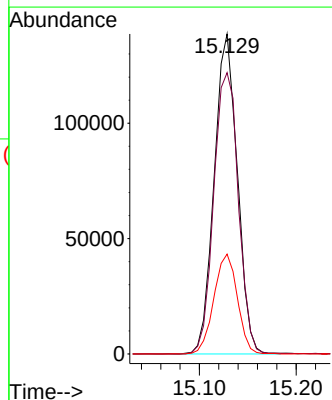
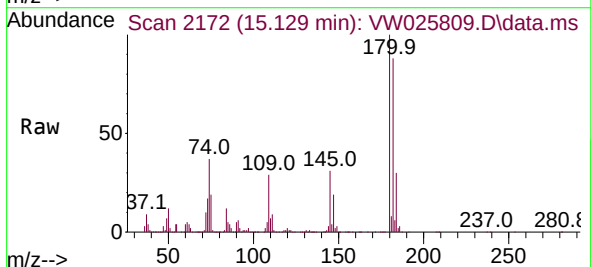
Tgt Ion:180 Resp: 230894

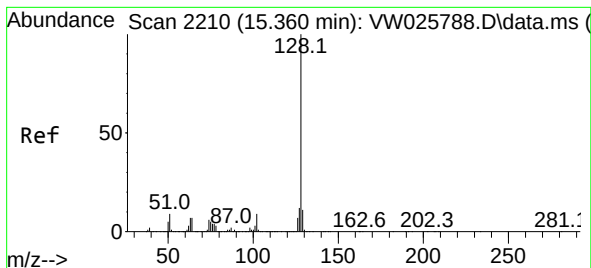
Ion Ratio Lower Upper

180 100

182 93.4 74.3 111.5

145 31.6 25.4 38.0





#71

Naphthalene

Concen: 24.852 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

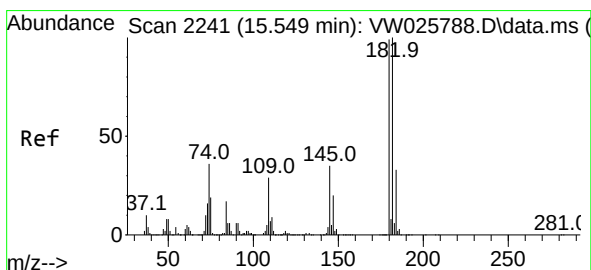
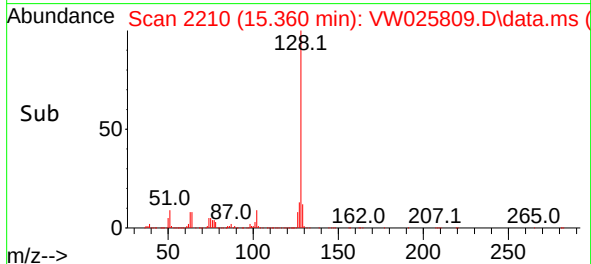
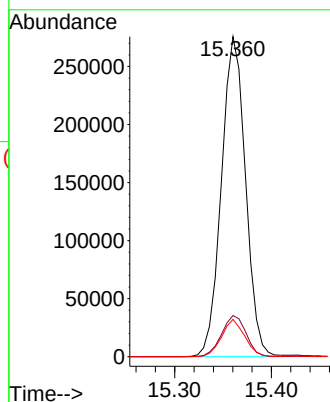
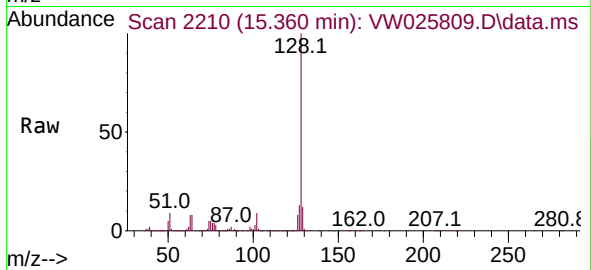
Tgt Ion:128 Resp: 476522

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.2 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.135 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025809.D

Acq: 02 May 2023 19:02

Tgt Ion:180 Resp: 217554

Ion Ratio Lower Upper

180 100

182 91.5 76.1 114.1

145 32.4 28.0 42.0

