

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042623\
 Data File : VW025693.D
 Acq On : 26 Apr 2023 09:47
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

Quant Time: Apr 27 01:24:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 01:13:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	671740	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	610847	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	297396	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	209325	19.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.600%
7) Chloroethane-d5	2.899	69	170297	21.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.520%
11) 1,1-Dichloroethene-d2	4.027	63	478439	21.643	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.560%
21) 2-Butanone-d5	7.075	46	130122	53.360	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.720%
24) Chloroform-d	7.648	84	470093	24.924	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.680%
26) 1,2-Dichloroethane-d4	8.307	65	241680	24.631	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.520%
32) Benzene-d6	8.276	84	918421	23.220	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.880%
36) 1,2-Dichloropropane-d6	9.270	67	295439	23.956	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.840%
41) Toluene-d8	10.319	98	814841	23.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.320%
43) trans-1,3-Dichloroprop...	10.575	79	109169	23.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.440%
47) 2-Hexanone-d5	10.922	63	91717	54.408	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	216922	26.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	259523	25.401	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	227362	24.204	ug/L #	88
3) Chloromethane	2.222	50	275855	25.312	ug/L	99
5) Vinyl chloride	2.375	62	298105	24.744	ug/L	95
6) Bromomethane	2.789	94	160460	24.759	ug/L	99
8) Chloroethane	2.936	64	173722	25.746	ug/L	96
9) Trichlorofluoromethane	3.265	101	219008	23.596	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	233533	25.073	ug/L	94
12) 1,1-Dichloroethene	4.045	96	231345	24.815	ug/L	92
13) Acetone	4.125	43	110341	53.463	ug/L	97
14) Carbon disulfide	4.393	76	711417	21.629	ug/L	99
15) Methyl Acetate	4.667	43	111995	24.153	ug/L	99
16) Methylene chloride	4.917	84	271897	25.465	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	243278	24.544	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	361637	26.438	ug/L	98
19) 1,1-Dichloroethane	6.216	63	526193	26.571	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	269460	26.129	ug/L #	99
22) 2-Butanone	7.167	43	156224	53.246	ug/L	100
23) Bromochloromethane	7.514	128	110946	26.233	ug/L	94
25) Chloroform	7.673	83	485849	26.828	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042623\
 Data File : VW025693.D
 Acq On : 26 Apr 2023 09:47
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

Quant Time: Apr 27 01:24:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 01:13:04 2023
 Response via : Initial Calibration

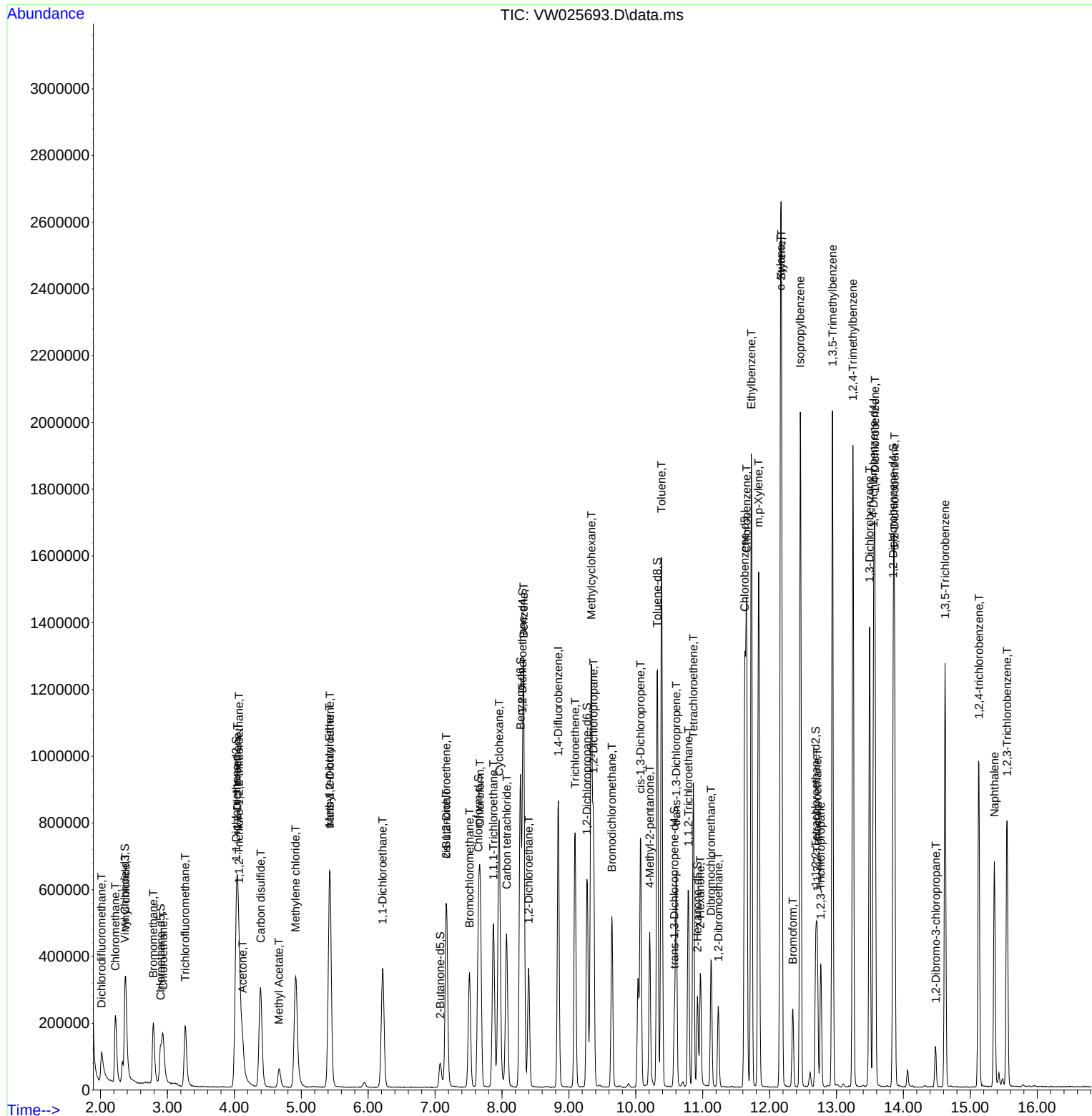
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	319400	26.283	ug/L	98
29) Cyclohexane	7.959	56	478498	24.202	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	395399	26.051	ug/L	99
31) Carbon tetrachloride	8.069	117	345313	25.193	ug/L	99
33) Benzene	8.325	78	1073337	25.245	ug/L	100
34) Trichloroethene	9.093	95	271347	24.536	ug/L	96
35) Methylcyclohexane	9.337	83	481258	24.099	ug/L	99
37) 1,2-Dichloropropane	9.368	63	296621	26.416	ug/L	99
38) Bromodichloromethane	9.642	83	341095	26.549	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	430750	26.743	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	320721	50.461	ug/L	100
42) Toluene	10.386	91	1124698	25.978	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	344409	25.931	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	184987	25.837	ug/L	96
46) Tetrachloroethene	10.861	164	194881	25.055	ug/L	89
48) 2-Hexanone	10.965	43	233448	53.160	ug/L	98
49) Dibromochloromethane	11.123	129	191760	25.438	ug/L	99
50) 1,2-Dibromoethane	11.233	107	162064	24.635	ug/L #	97
51) Chlorobenzene	11.654	112	693145	25.981	ug/L	98
52) Ethylbenzene	11.727	91	1280171	26.130	ug/L	100
53) m,p-Xylene	11.837	106	469961	26.157	ug/L	100
54) o-Xylene	12.166	106	450793	26.820	ug/L	91
55) Styrene	12.178	104	767245	27.120	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	216789	25.278	ug/L	99
59) Bromoform	12.349	173	104546	25.654	ug/L	95
60) Isopropylbenzene	12.458	105	1273995	27.347	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	153205	24.856	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1018083	27.684	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	986913	27.870	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	513575	26.603	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	514811	26.111	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	443286	26.192	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	33493	24.771	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	351941	27.229	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	289035	27.528	ug/L	97
71) Naphthalene	15.360	128	539237	27.523	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	247819	26.995	ug/L	94

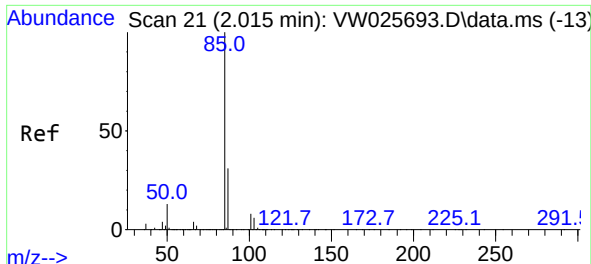
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042623\
 Data File : VW025693.D
 Acq On : 26 Apr 2023 09:47
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

Quant Time: Apr 27 01:24:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 01:13:04 2023
 Response via : Initial Calibration

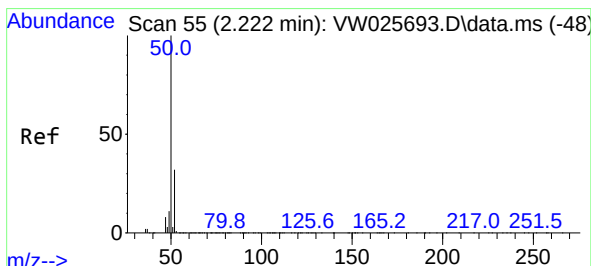
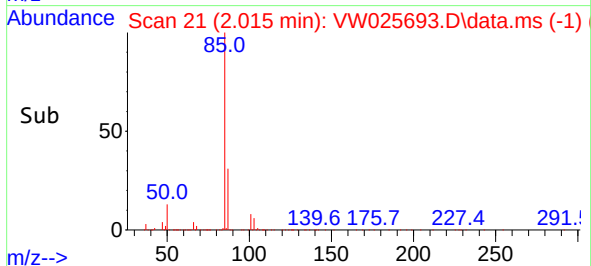
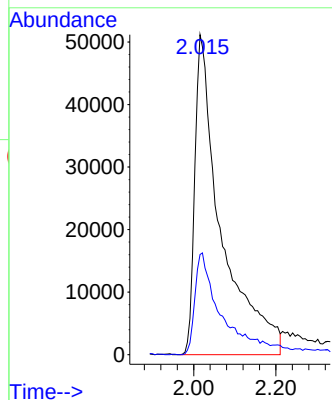
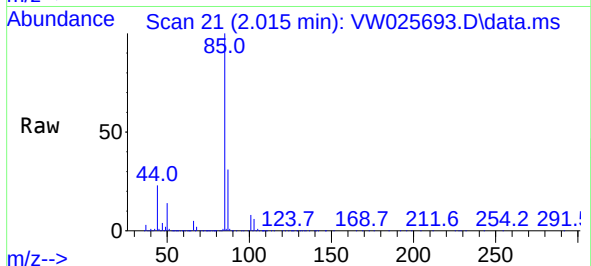




#2
Dichlorodifluoromethane
Concen: 24.204 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

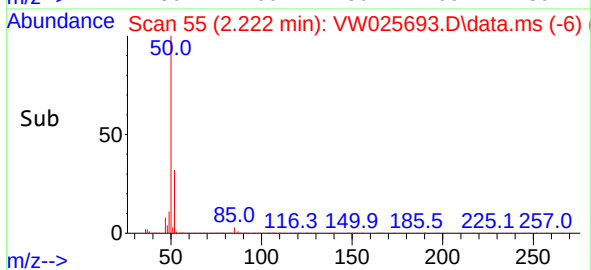
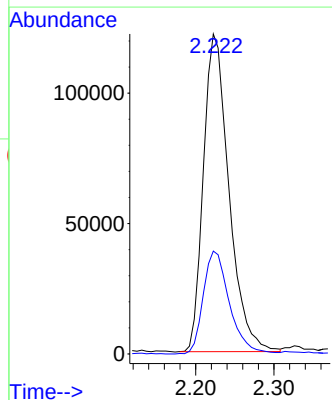
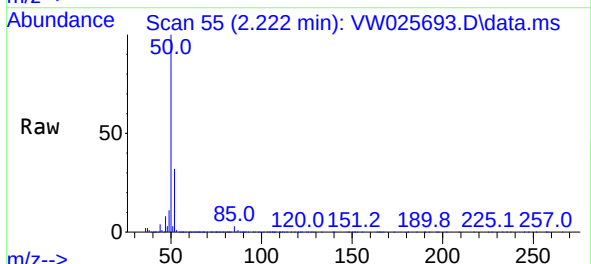
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

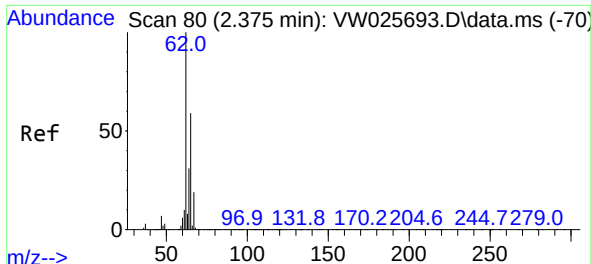
Tgt Ion: 85 Resp: 227362
Ion Ratio Lower Upper
85 100
87 24.4 24.6 37.0#



#3
Chloromethane
Concen: 25.312 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 50 Resp: 275855
Ion Ratio Lower Upper
50 100
52 32.1 22.2 41.2

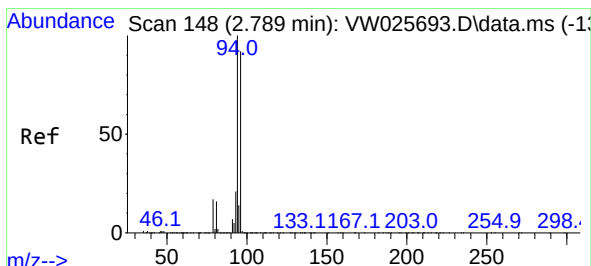
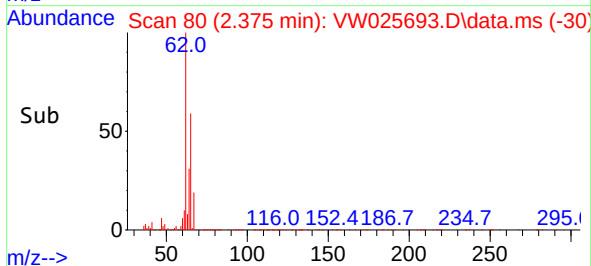
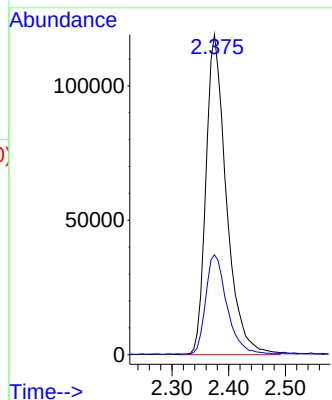
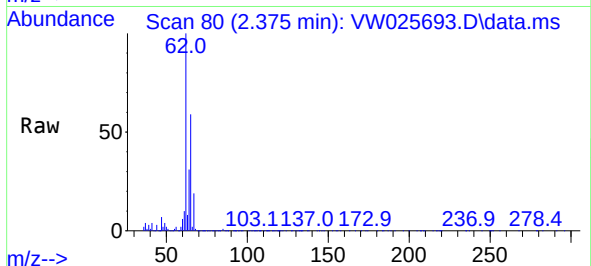




#5
 Vinyl chloride
 Concen: 24.744 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW025693.D
 Acq: 26 Apr 2023 09:47

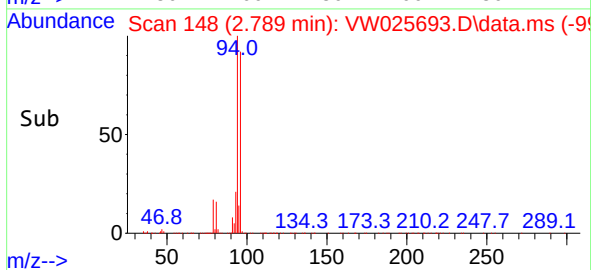
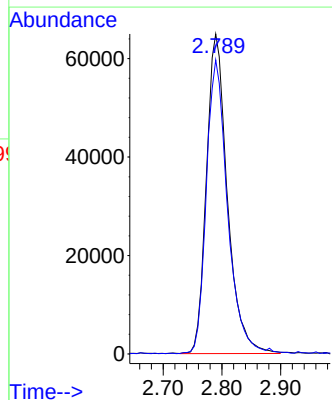
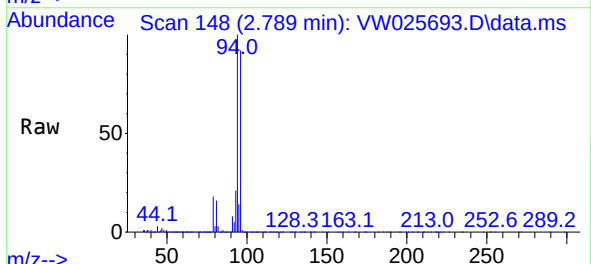
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

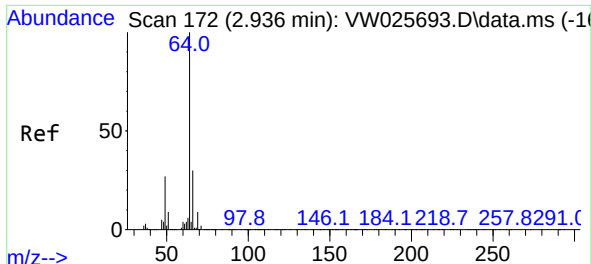
Tgt Ion: 62 Resp: 298105
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.9 44.3



#6
 Bromomethane
 Concen: 24.759 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025693.D
 Acq: 26 Apr 2023 09:47

Tgt Ion: 94 Resp: 160460
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.0 118.8

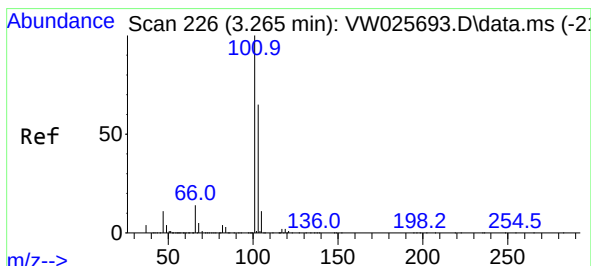
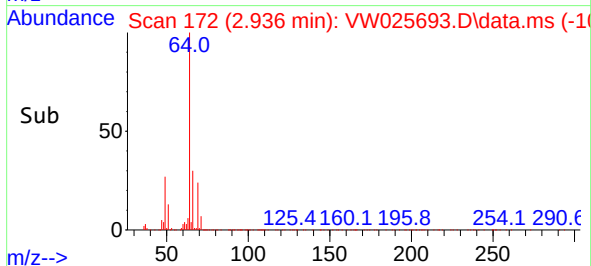
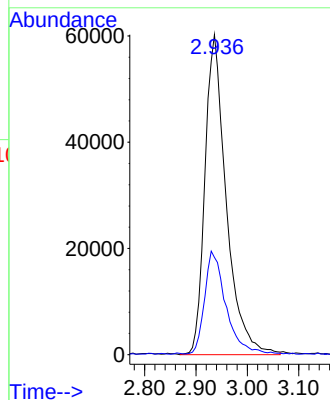
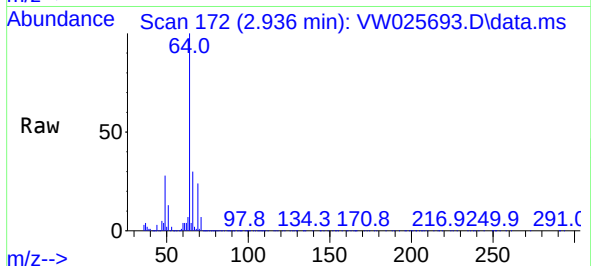




#8
Chloroethane
Concen: 25.746 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

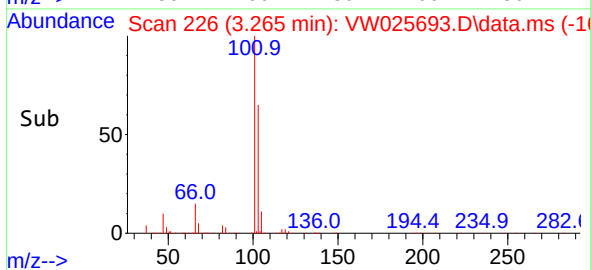
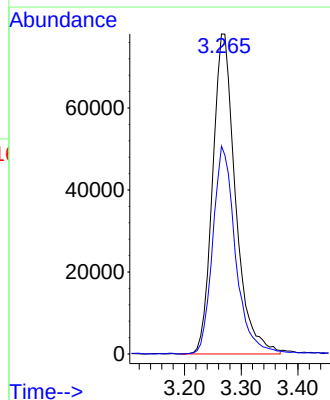
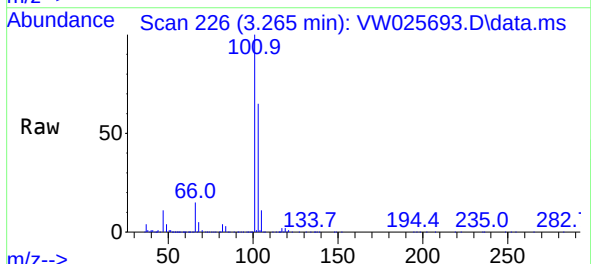
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

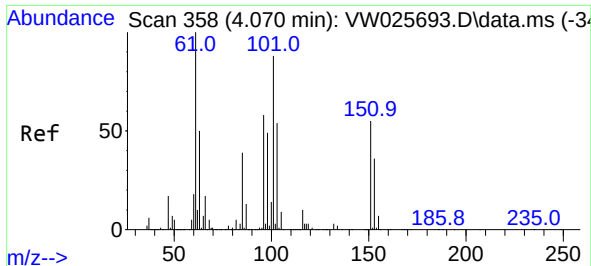
Tgt Ion: 64 Resp: 173722
Ion Ratio Lower Upper
64 100
66 30.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.596 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 101 Resp: 219008
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5





#10

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

Concen: 25.073 ug/L

RT: 4.070 min Scan# 358

Delta R.T. -0.006 min

Lab File: VW025693.D

Acq: 26 Apr 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

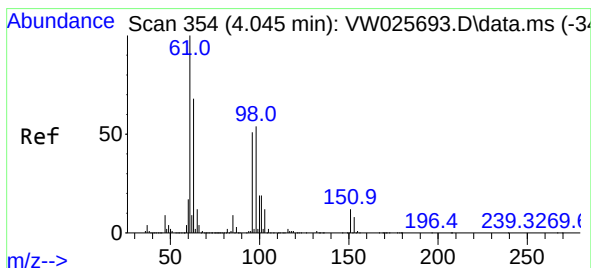
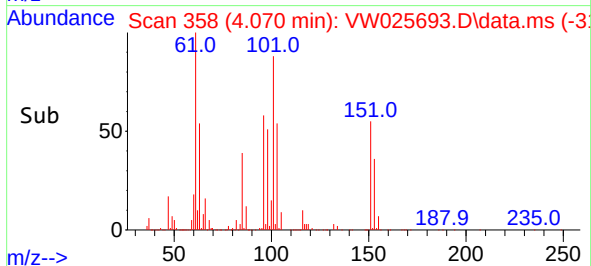
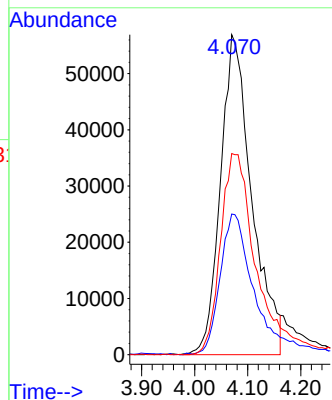
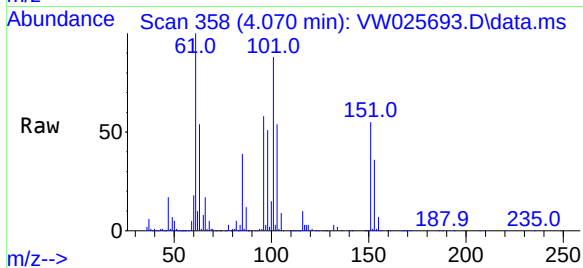
Tgt Ion:101 Resp: 233533

Ion Ratio Lower Upper

101 100

85 47.8 34.5 51.7

151 72.1 54.8 82.2



#12

1,1-Dichloroethene

Concen: 24.815 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW025693.D

Acq: 26 Apr 2023 09:47

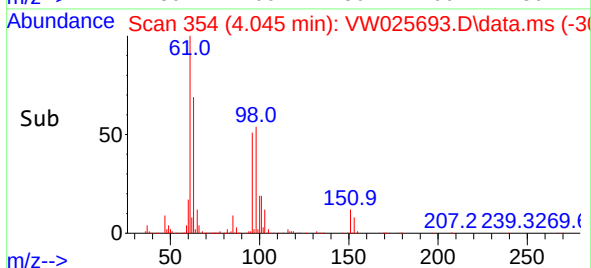
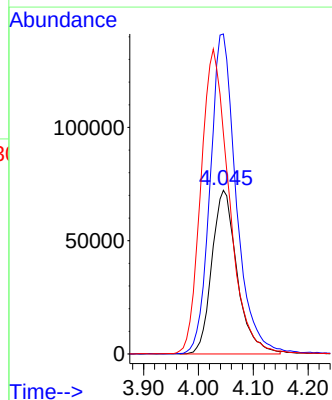
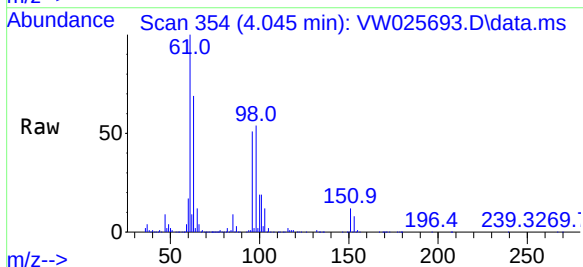
Tgt Ion: 96 Resp: 231345

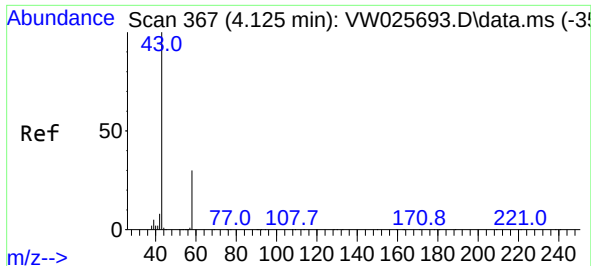
Ion Ratio Lower Upper

96 100

61 195.5 132.7 246.4

63 134.8 105.0 195.0

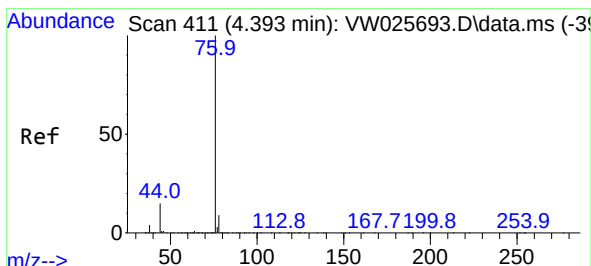
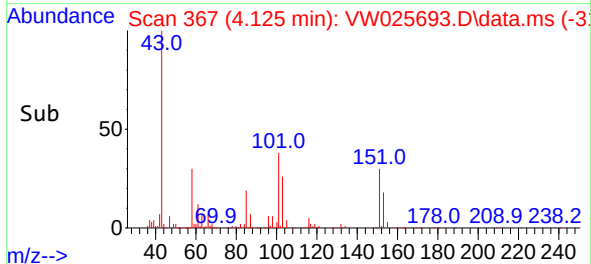
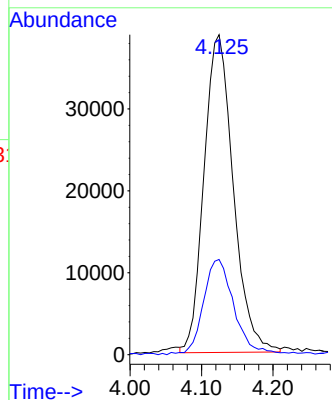
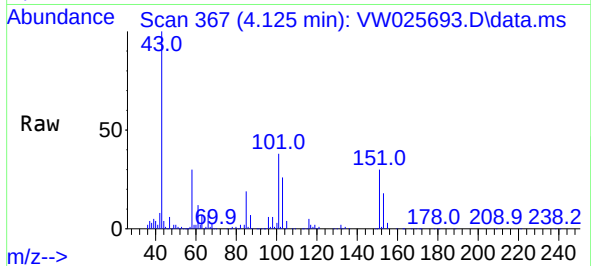




#13
Acetone
Concen: 53.463 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

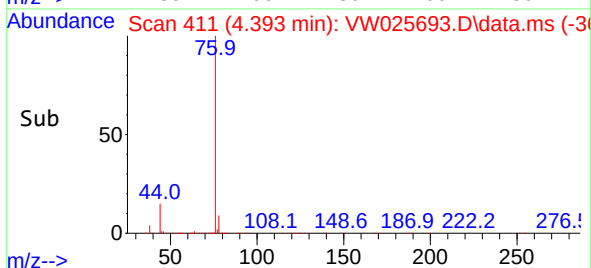
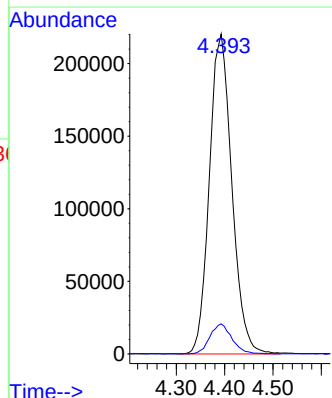
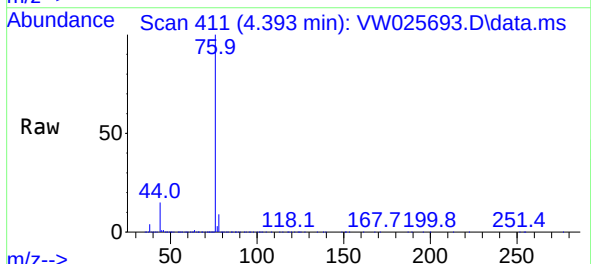
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

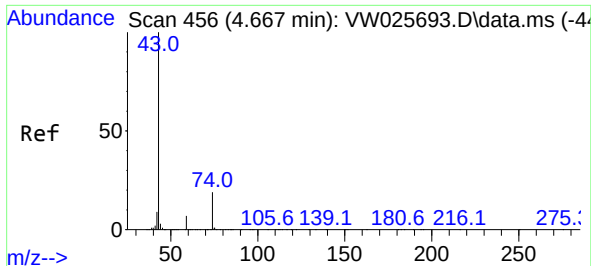
Tgt Ion: 43 Resp: 110341
Ion Ratio Lower Upper
43 100
58 30.5 0.0 57.4



#14
Carbon disulfide
Concen: 21.629 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 76 Resp: 711417
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

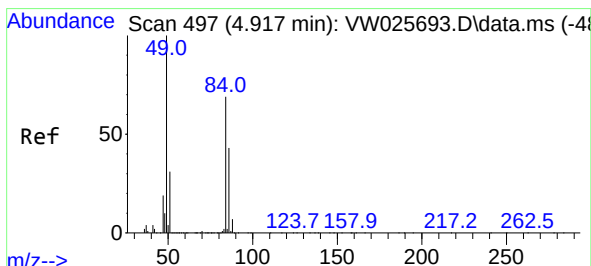
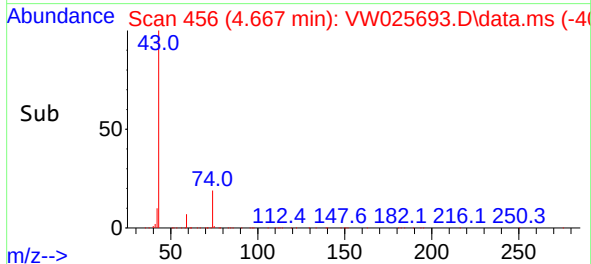
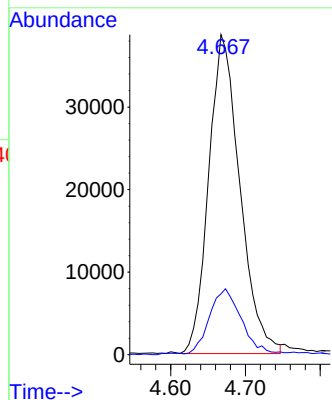
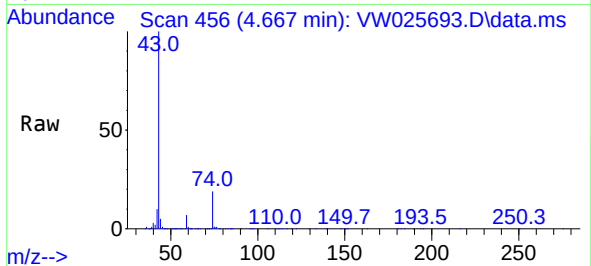




#15
Methyl Acetate
Concen: 24.153 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

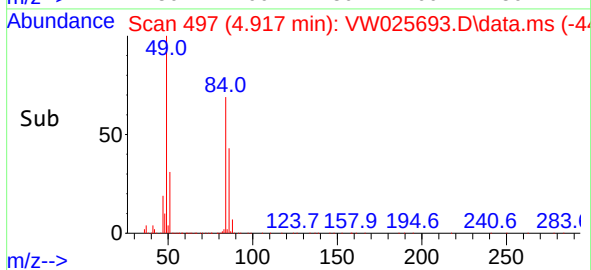
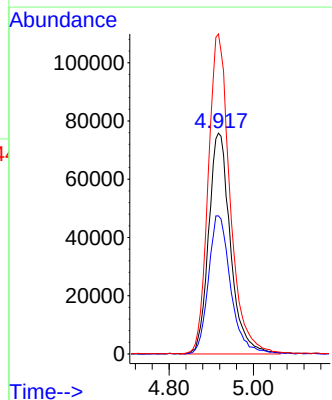
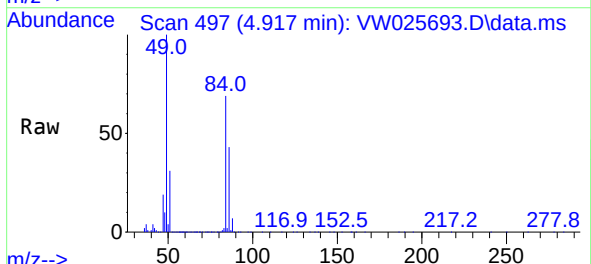
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

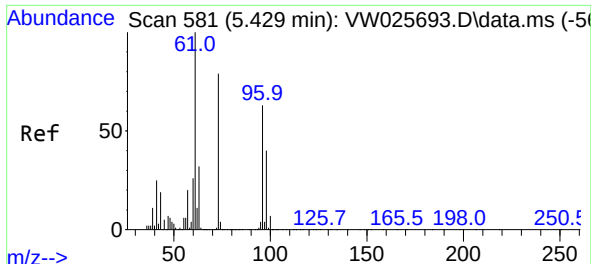
Tgt Ion: 43 Resp: 111995
Ion Ratio Lower Upper
43 100
74 20.8 17.0 25.4



#16
Methylene chloride
Concen: 25.465 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 84 Resp: 271897
Ion Ratio Lower Upper
84 100
86 62.5 44.9 83.3
49 144.9 101.4 188.4

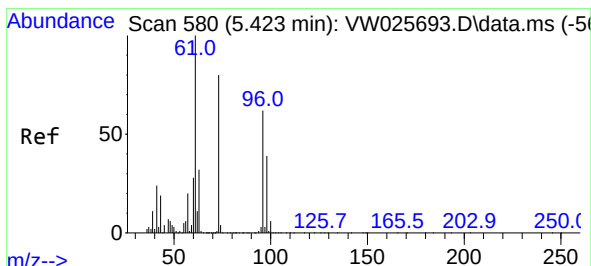
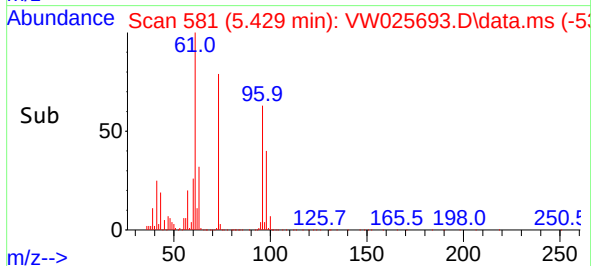
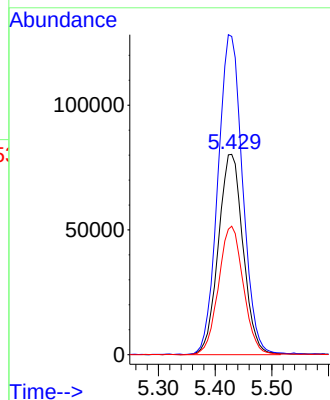
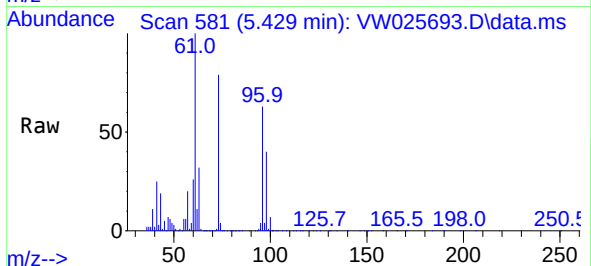




#17
trans-1,2-Dichloroethene
Concen: 24.544 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

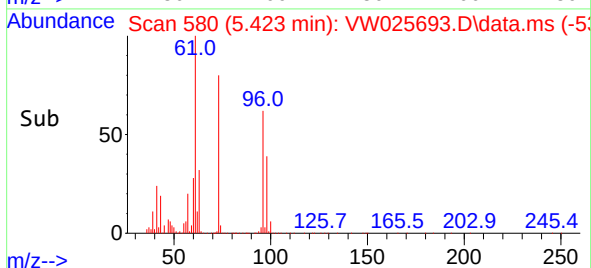
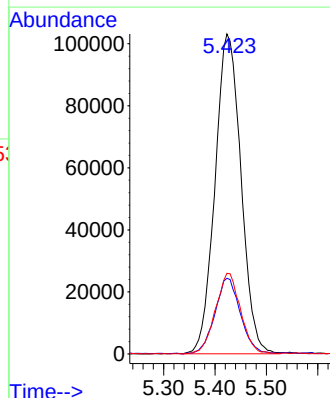
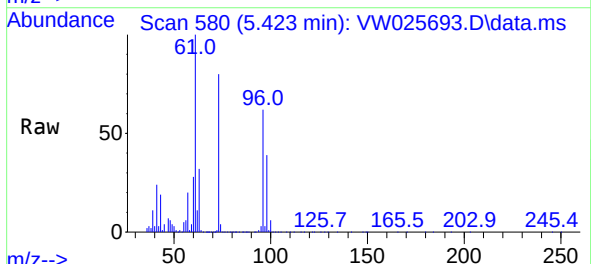
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

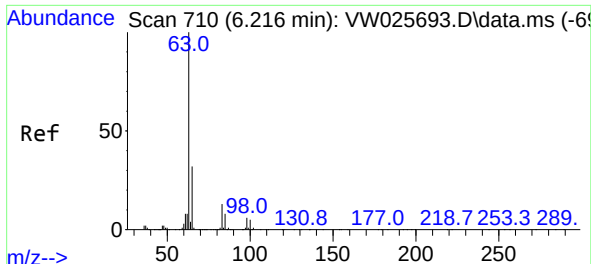
Tgt Ion: 96 Resp: 243278
Ion Ratio Lower Upper
96 100
61 158.8 113.3 210.3
98 64.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 26.438 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 73 Resp: 361637
Ion Ratio Lower Upper
73 100
43 23.4 17.8 26.6
57 24.2 19.0 28.6

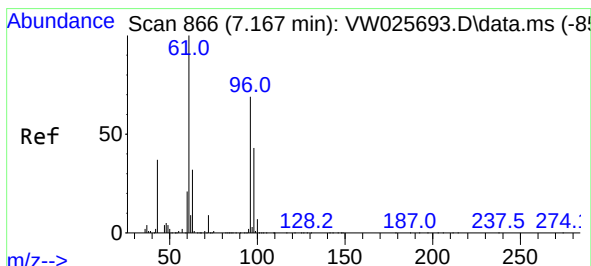
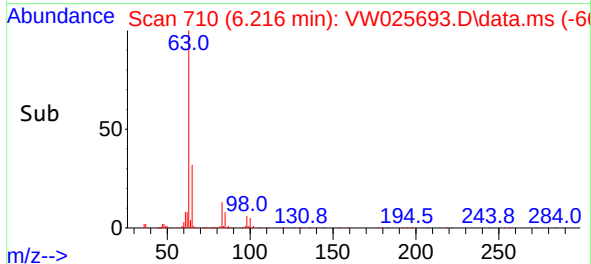
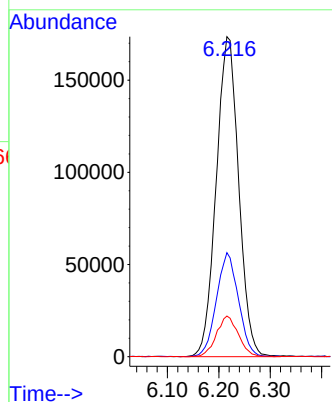
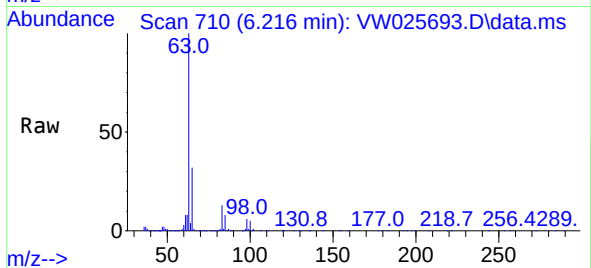




#19
1,1-Dichloroethane
Concen: 26.571 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

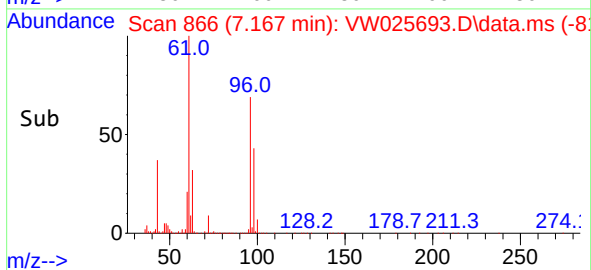
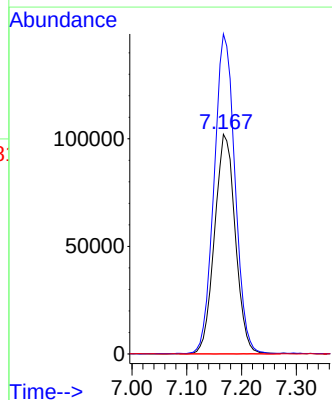
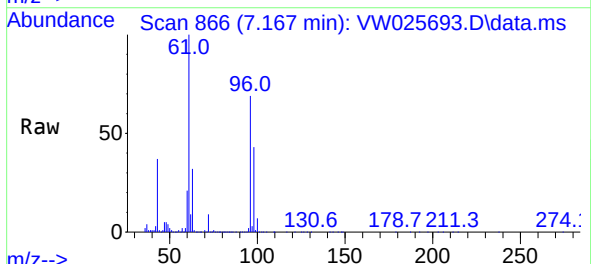
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

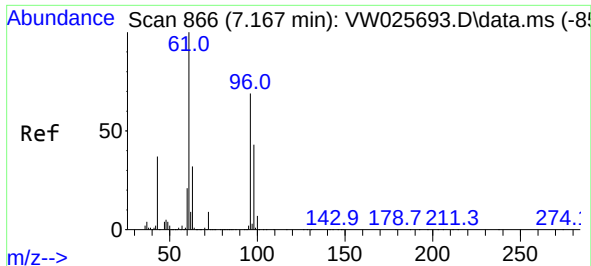
Tgt Ion: 63 Resp: 526193
Ion Ratio Lower Upper
63 100
65 32.5 21.9 40.7
83 12.7 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 26.129 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 96 Resp: 269460
Ion Ratio Lower Upper
96 100
61 145.7 102.6 190.6
68 0.1 0.1 0.1

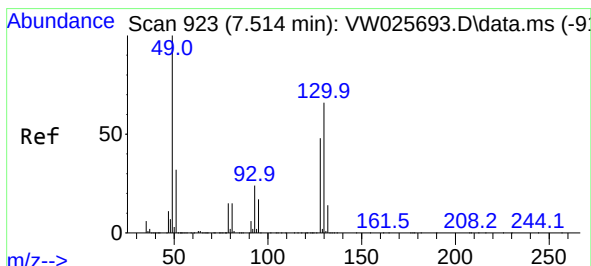
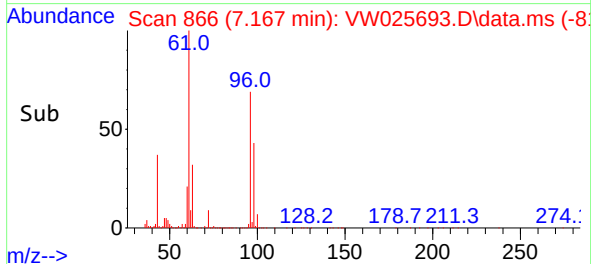
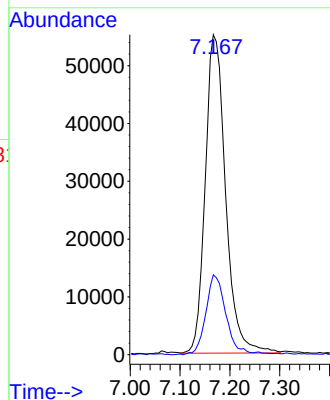
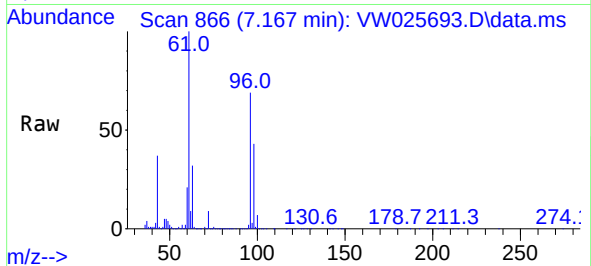




#22
2-Butanone
Concen: 53.246 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

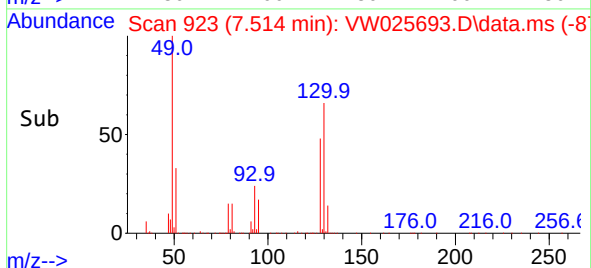
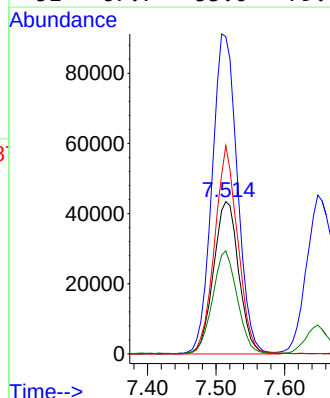
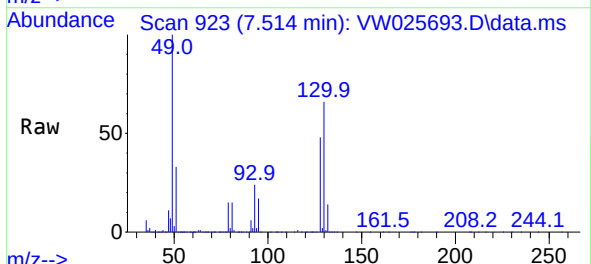
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

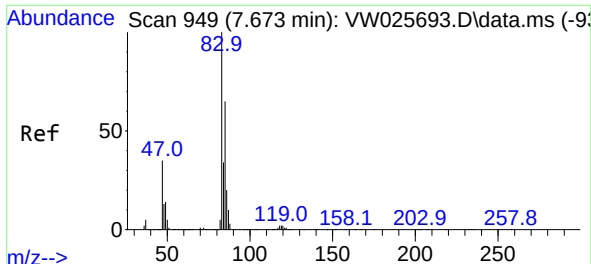
Tgt Ion: 43 Resp: 156224
Ion Ratio Lower Upper
43 100
72 23.9 12.0 36.0



#23
Bromochloromethane
Concen: 26.233 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 128 Resp: 110946
Ion Ratio Lower Upper
128 100
49 208.2 141.7 263.3
130 136.8 86.7 160.9
51 67.7 53.0 79.6

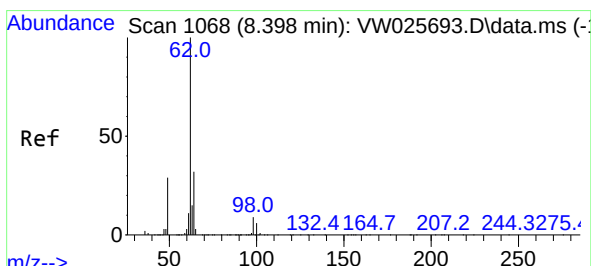
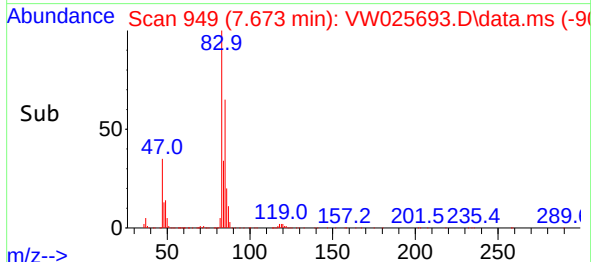
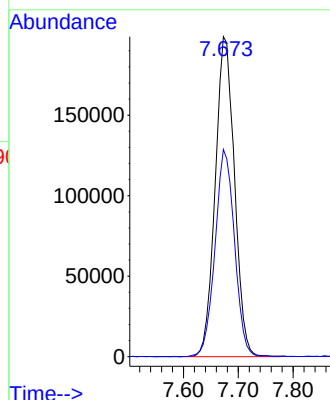
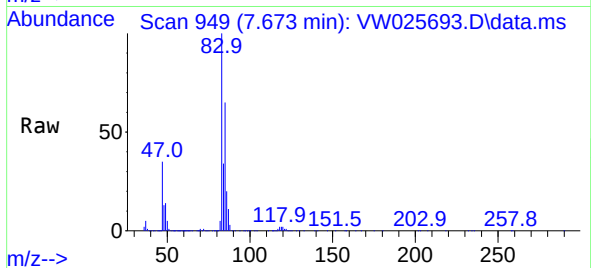




#25
Chloroform
Concen: 26.828 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

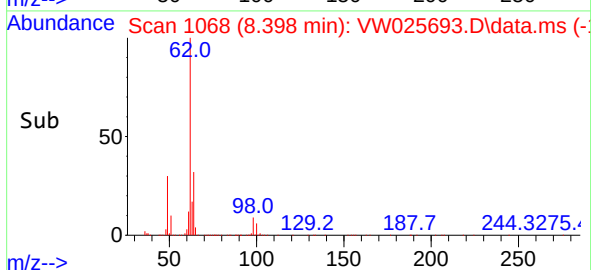
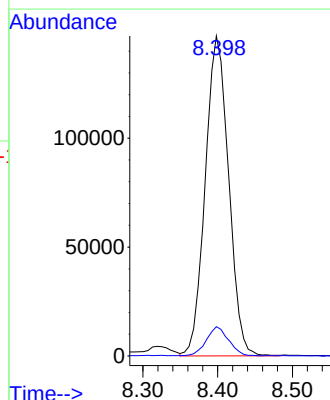
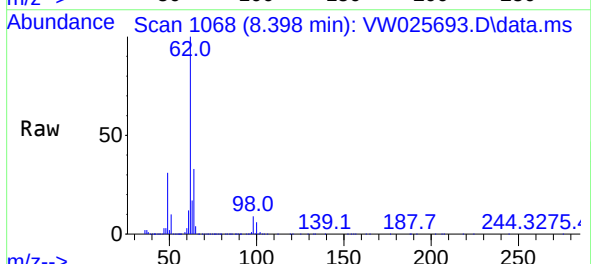
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

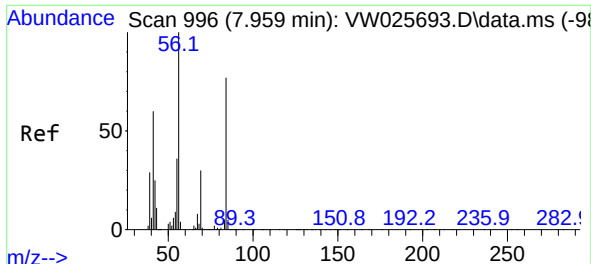
Tgt Ion: 83 Resp: 485849
Ion Ratio Lower Upper
83 100
85 64.7 45.8 85.2



#27
1,2-Dichloroethane
Concen: 26.283 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 62 Resp: 319400
Ion Ratio Lower Upper
62 100
98 9.1 6.6 10.0

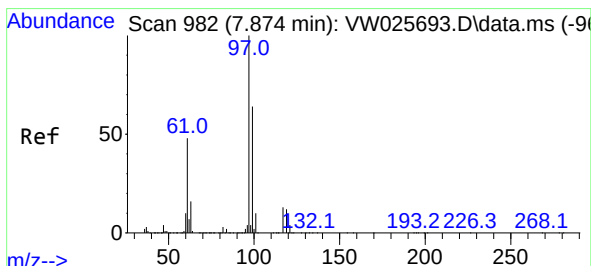
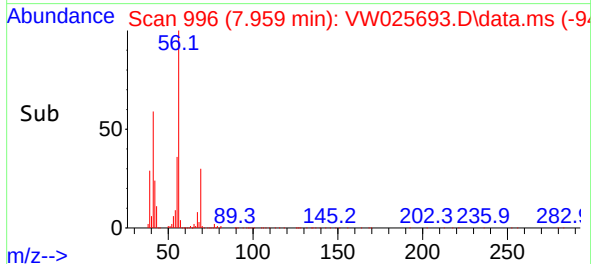
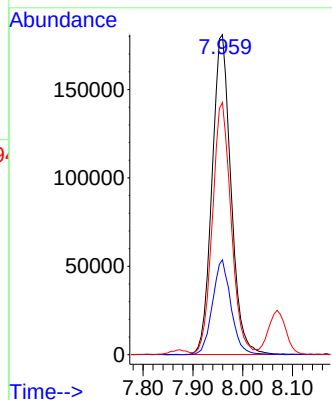
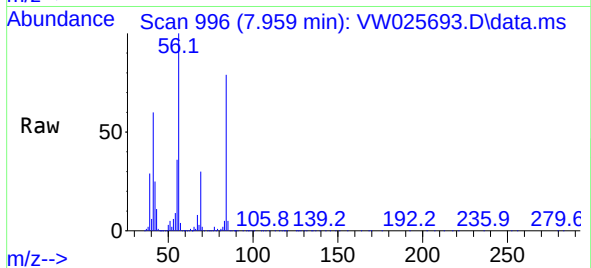




#29
Cyclohexane
Concen: 24.202 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

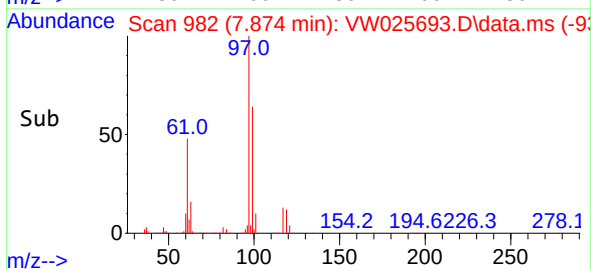
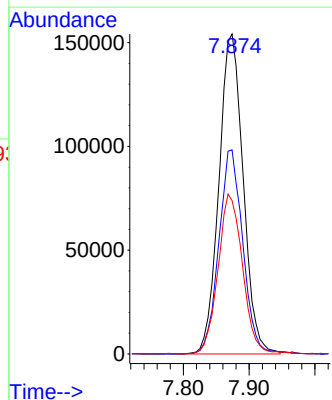
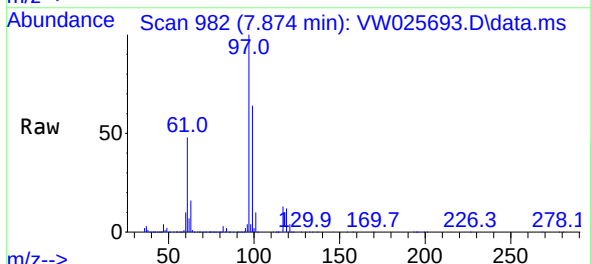
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

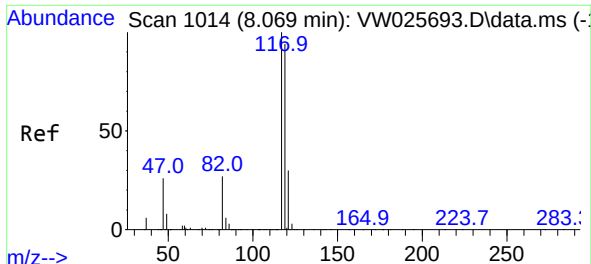
Tgt Ion: 56 Resp: 478498
Ion Ratio Lower Upper
56 100
69 28.9 22.7 34.1
84 77.7 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 26.051 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 97 Resp: 395399
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.6
61 50.3 40.5 60.7

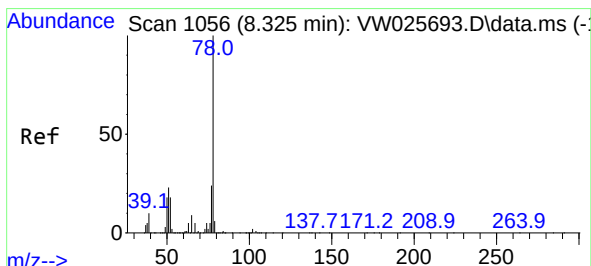
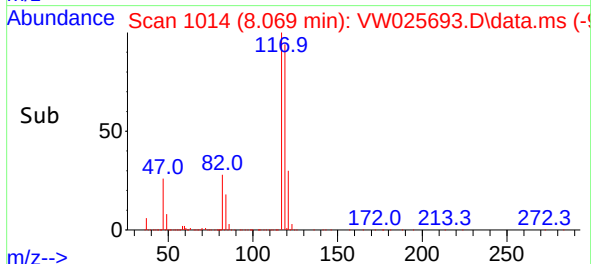
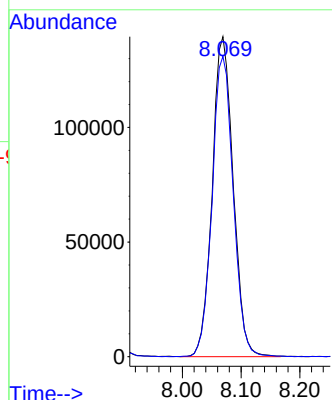
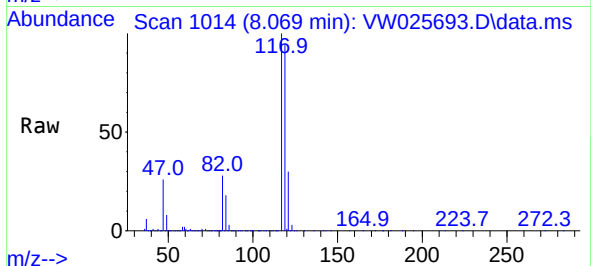




#31
Carbon tetrachloride
Concen: 25.193 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

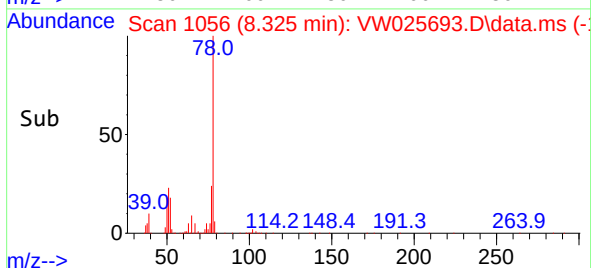
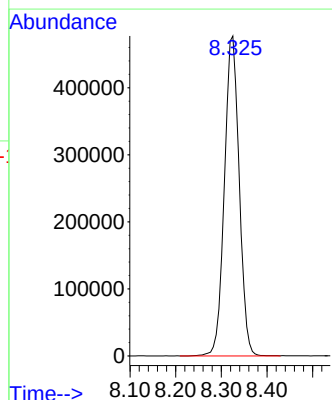
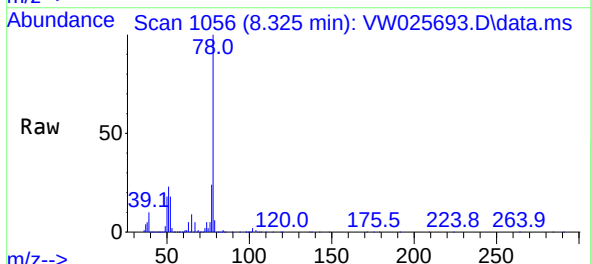
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

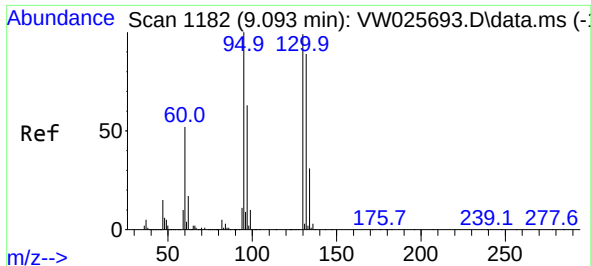
Tgt Ion:117 Resp: 345313
Ion Ratio Lower Upper
117 100
119 94.1 75.7 113.5



#33
Benzene
Concen: 25.245 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 78 Resp: 1073337



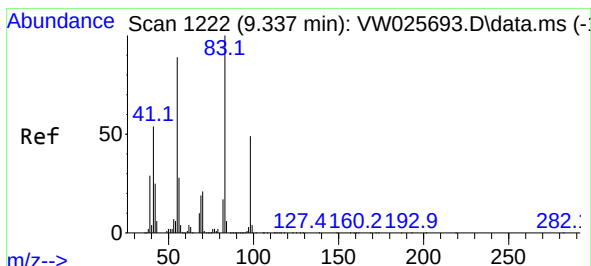
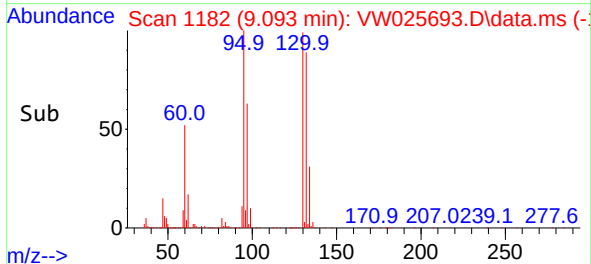
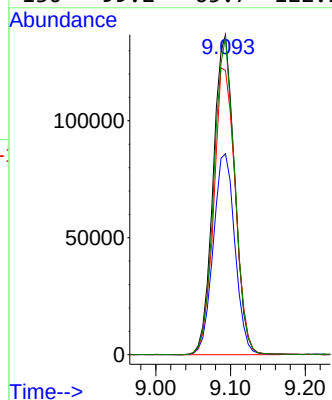
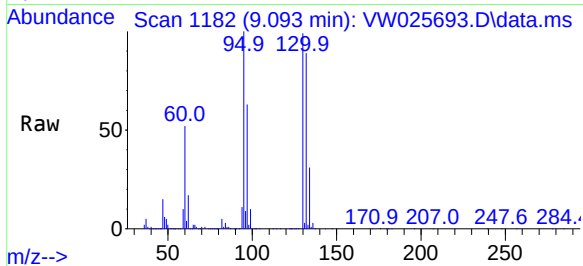


#34
Trichloroethene
Concen: 24.536 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

Tgt Ion: 95 Resp: 271347

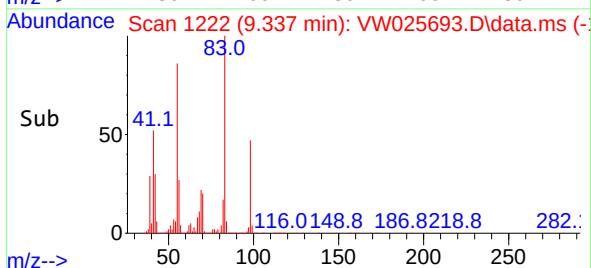
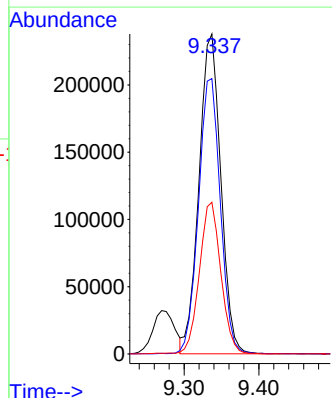
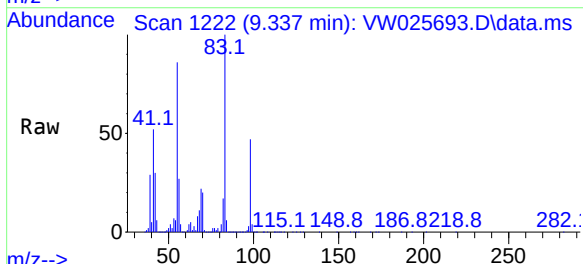
Ion	Ratio	Lower	Upper
95	100		
97	62.8	42.5	78.9
132	88.9	59.8	111.1
130	99.2	65.7	122.1

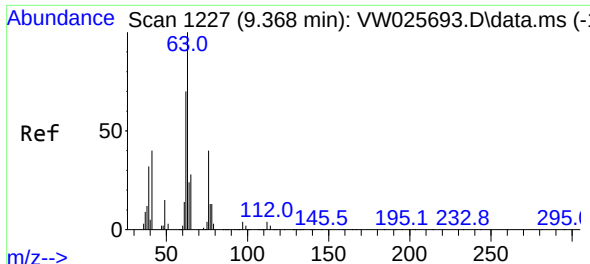


#35
Methylcyclohexane
Concen: 24.099 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 83 Resp: 481258

Ion	Ratio	Lower	Upper
83	100		
55	86.4	68.7	103.1
98	46.7	37.7	56.5





#37

1,2-Dichloropropane

Concen: 26.416 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025693.D

Acq: 26 Apr 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

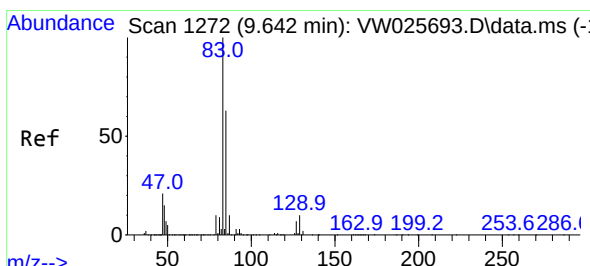
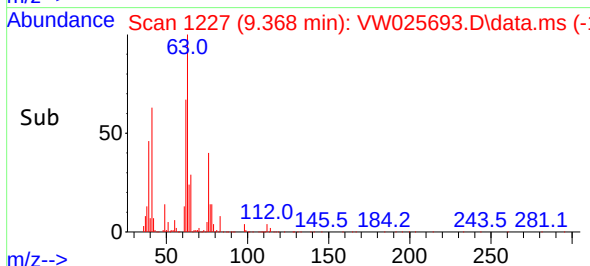
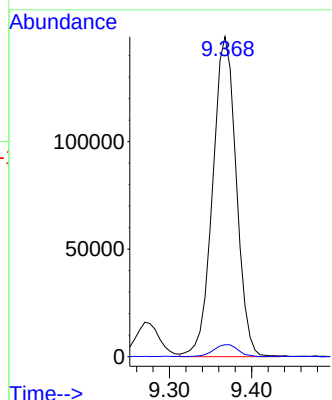
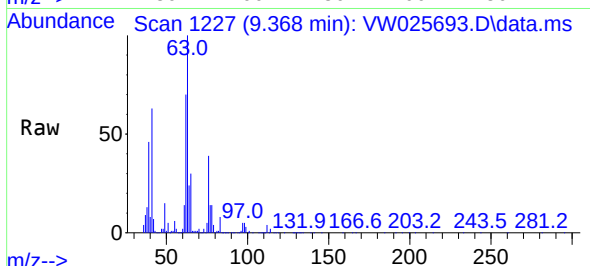
VSTD025581

Tgt Ion: 63 Resp: 296621

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.0



#38

Bromodichloromethane

Concen: 26.549 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025693.D

Acq: 26 Apr 2023 09:47

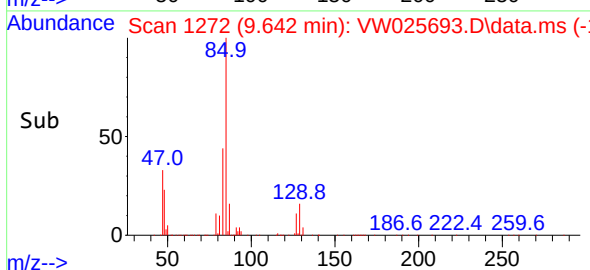
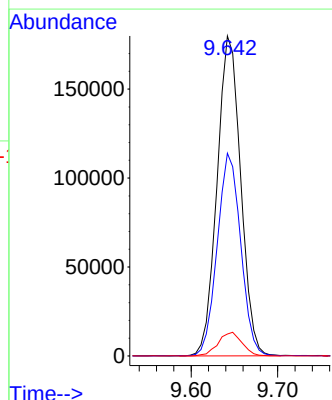
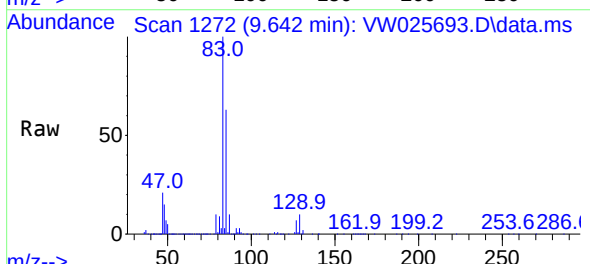
Tgt Ion: 83 Resp: 341095

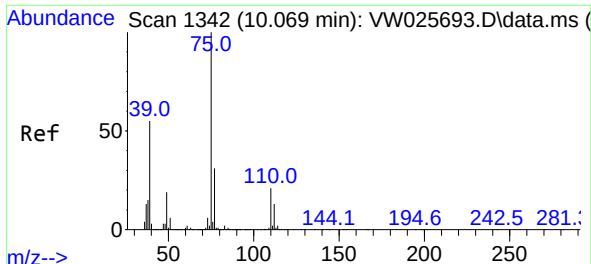
Ion Ratio Lower Upper

83 100

85 63.4 43.5 80.7

127 6.9 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 26.743 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW025693.D

Acq: 26 Apr 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

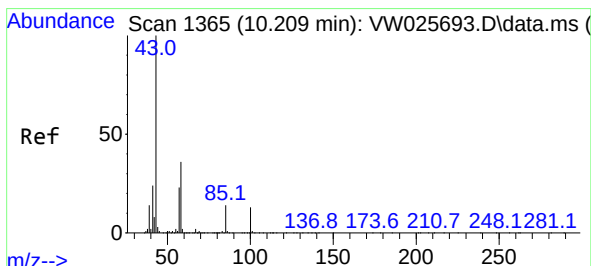
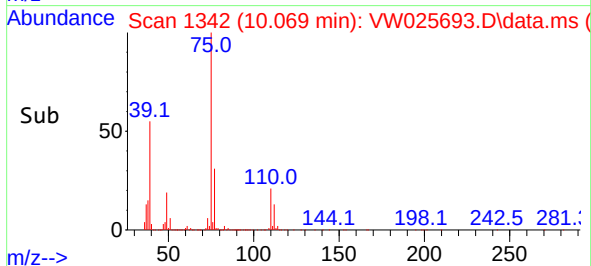
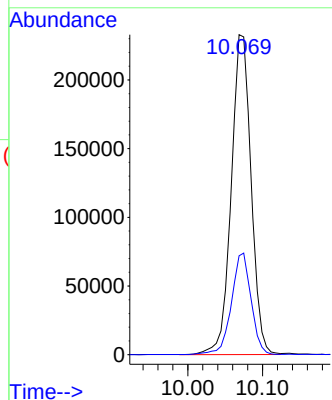
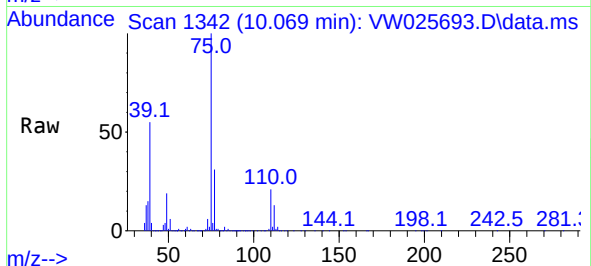
VSTD025581

Tgt Ion: 75 Resp: 430750

Ion Ratio Lower Upper

75 100

77 30.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 50.461 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025693.D

Acq: 26 Apr 2023 09:47

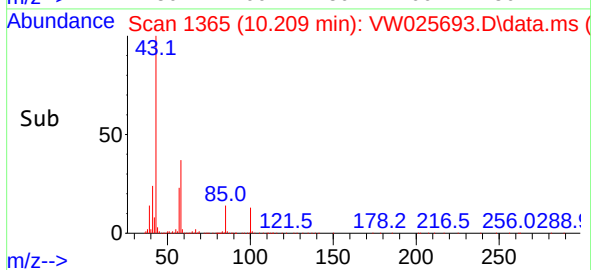
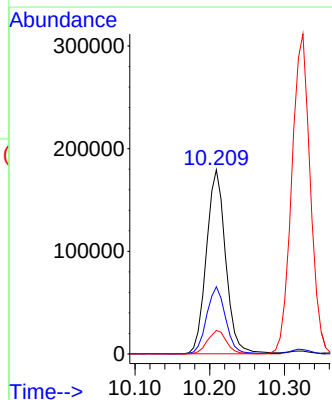
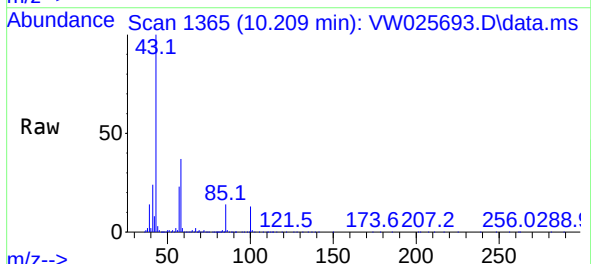
Tgt Ion: 43 Resp: 320721

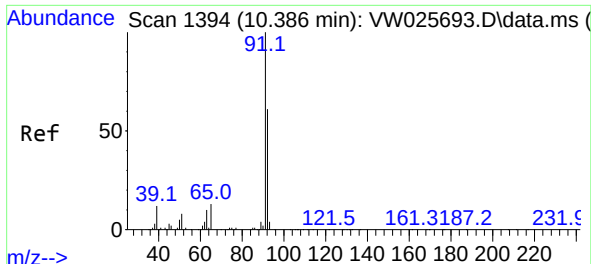
Ion Ratio Lower Upper

43 100

58 36.2 29.2 43.8

100 12.7 10.2 15.4

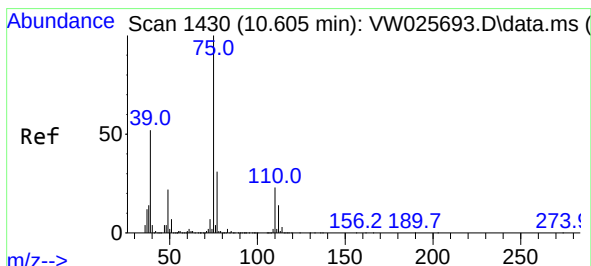
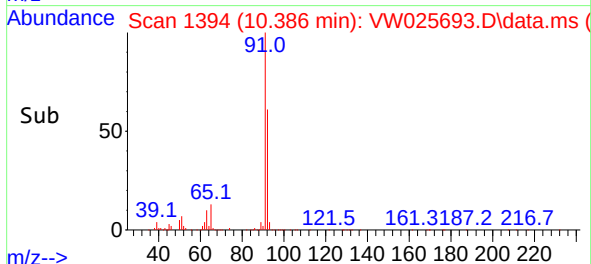
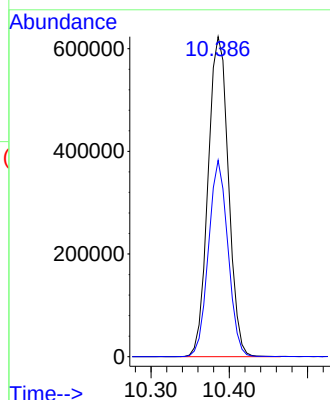
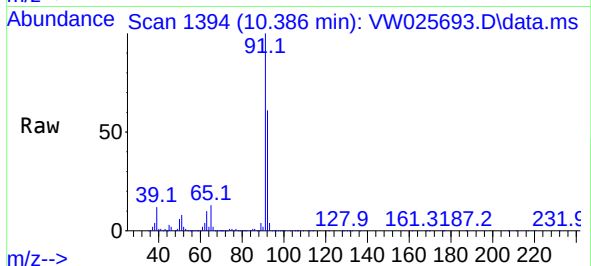




#42
Toluene
Concen: 25.978 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

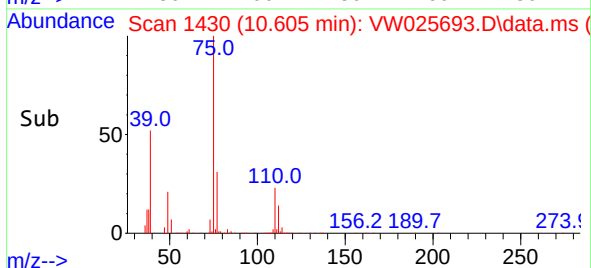
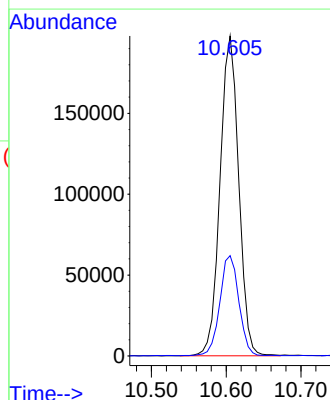
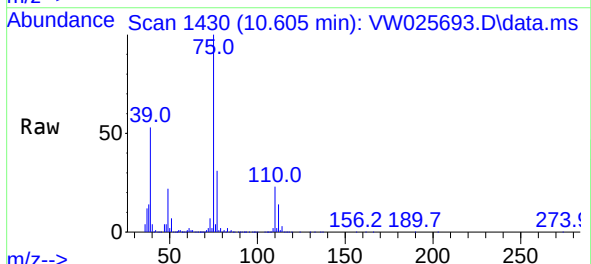
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

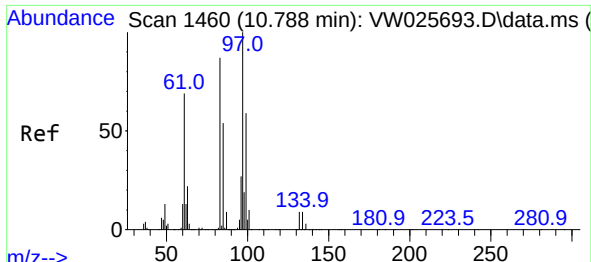
Tgt Ion: 91 Resp: 1124698
Ion Ratio Lower Upper
91 100
92 61.4 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 25.931 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 75 Resp: 344409
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 25.837 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW025693.D

Acq: 26 Apr 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

Tgt Ion: 97 Resp: 184987

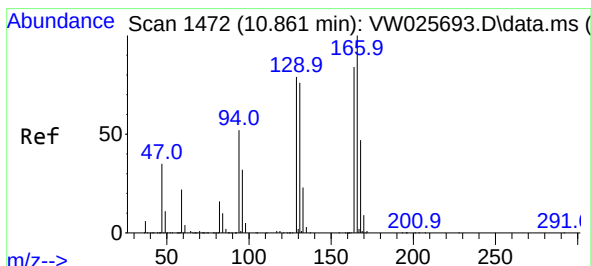
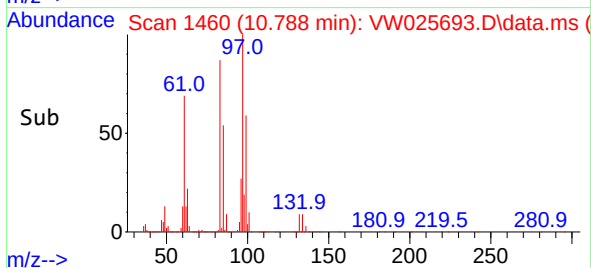
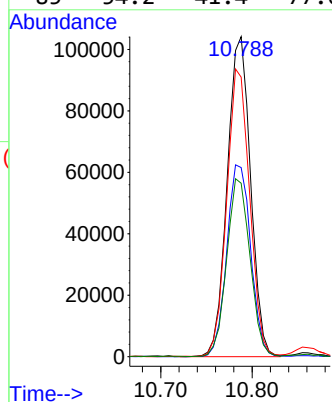
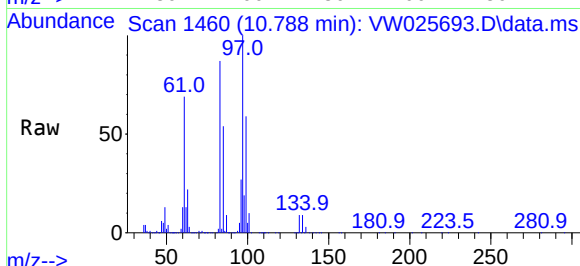
Ion Ratio Lower Upper

97 100

99 59.1 43.8 81.3

83 87.4 61.8 114.8

85 54.2 41.4 77.0



#46

Tetrachloroethene

Concen: 25.055 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025693.D

Acq: 26 Apr 2023 09:47

Tgt Ion:164 Resp: 194881

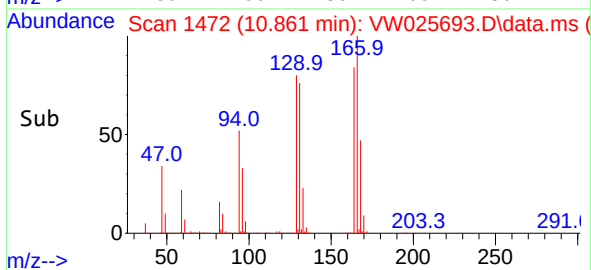
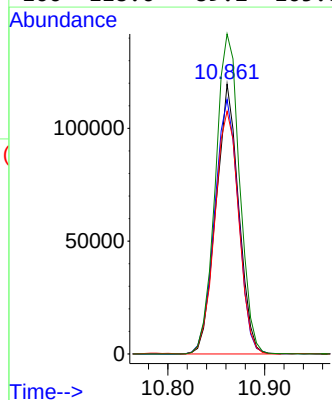
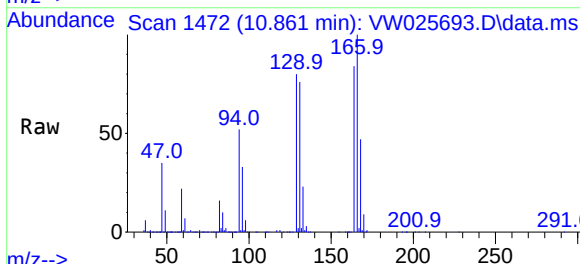
Ion Ratio Lower Upper

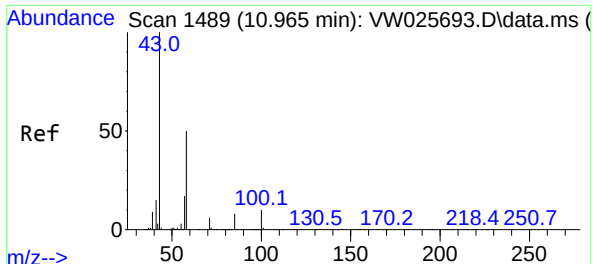
164 100

129 94.3 76.9 142.9

131 89.9 70.5 130.9

166 118.6 89.2 165.8



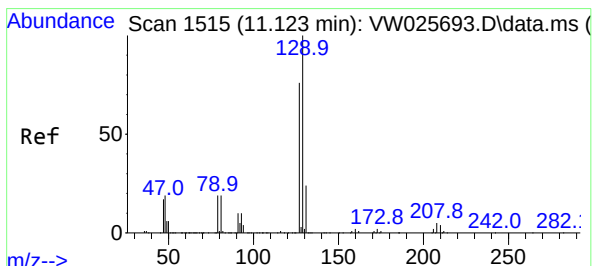
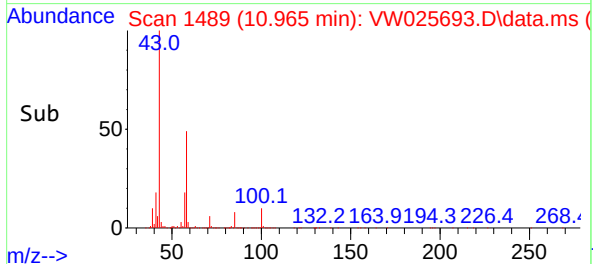
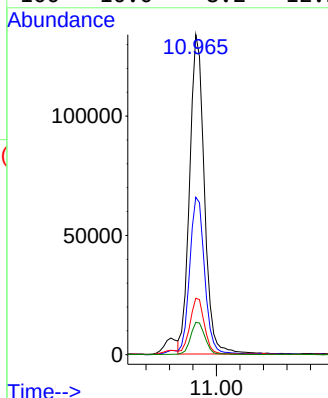
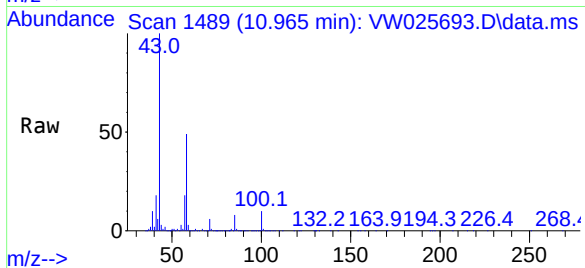


#48
2-Hexanone
Concen: 53.160 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

Tgt Ion: 43 Resp: 233448

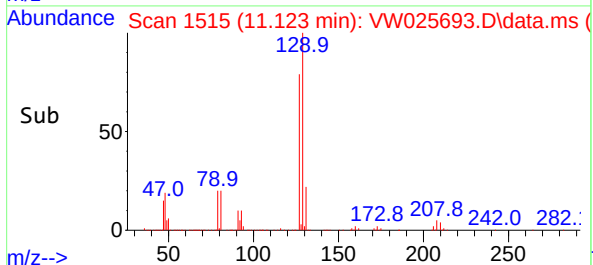
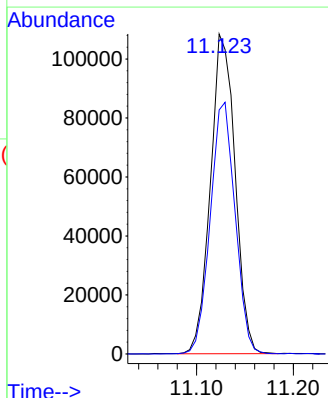
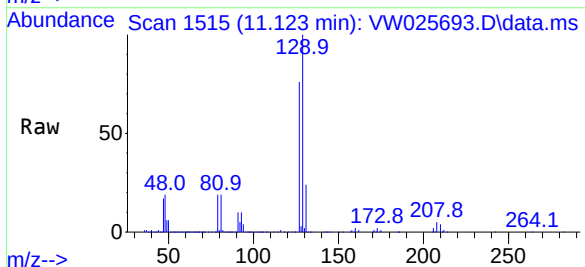
Ion	Ratio	Lower	Upper
43	100		
58	49.9	38.6	57.8
57	17.4	13.9	20.9
100	10.0	8.2	12.2

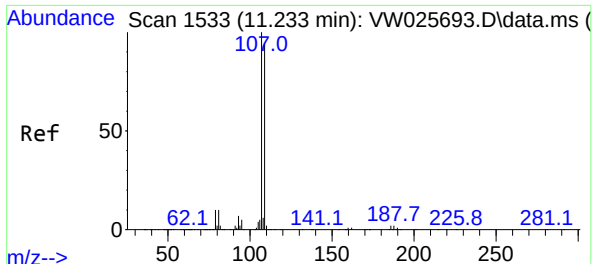


#49
Dibromochloromethane
Concen: 25.438 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 129 Resp: 191760

Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.0	100.2

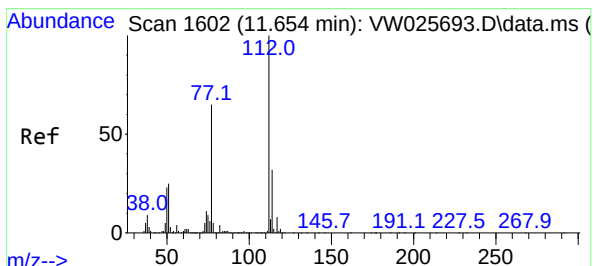
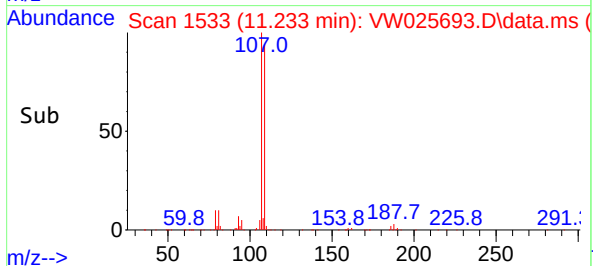
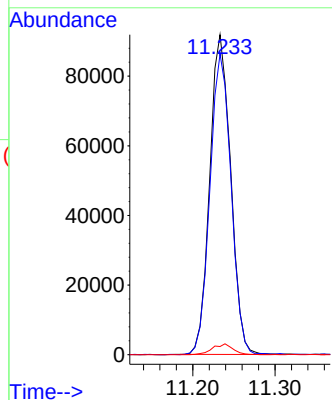
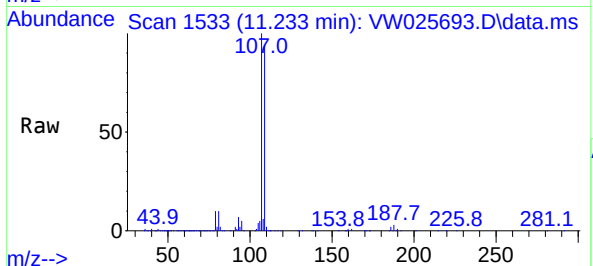




#50
1,2-Dibromoethane
Concen: 24.635 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

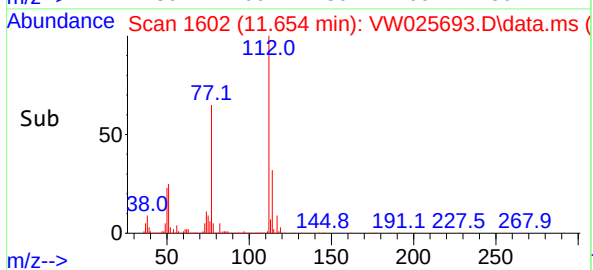
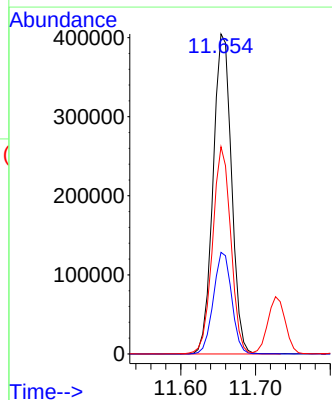
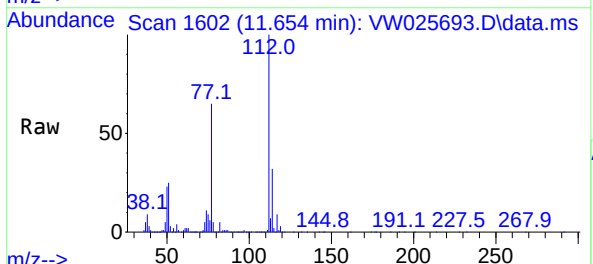
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

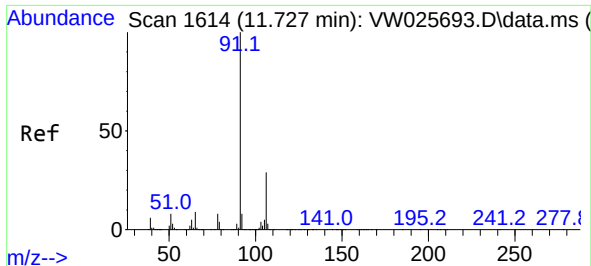
Tgt Ion:107 Resp: 162064
Ion Ratio Lower Upper
107 100
109 94.0 64.1 119.1
188 2.5 2.8 4.2#



#51
Chlorobenzene
Concen: 25.981 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion:112 Resp: 693145
Ion Ratio Lower Upper
112 100
114 31.7 21.6 40.2
77 64.8 50.2 75.2

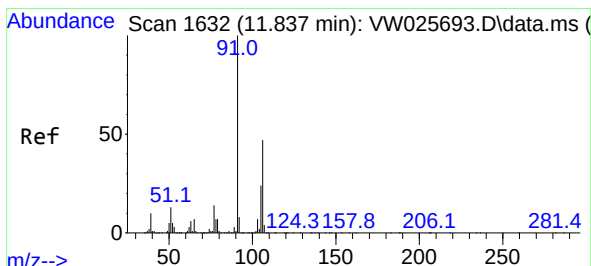
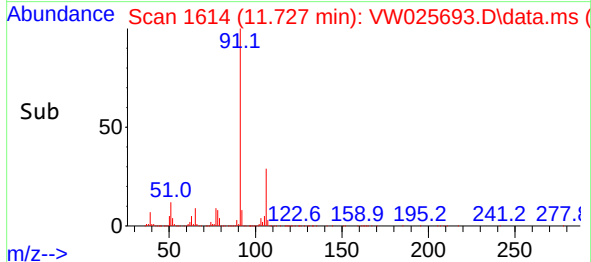
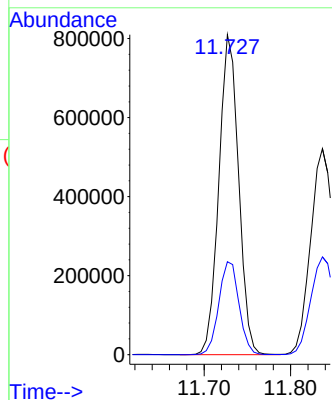
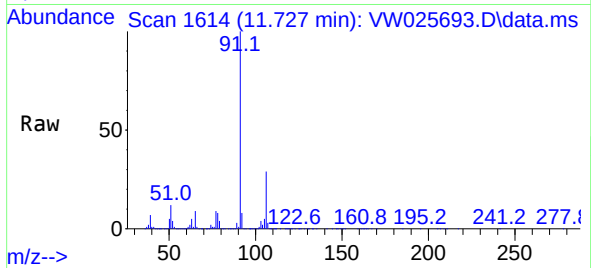




#52
Ethylbenzene
Concen: 26.130 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

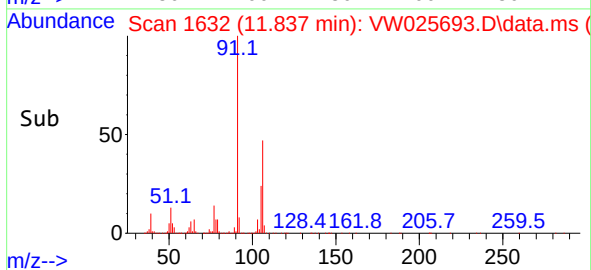
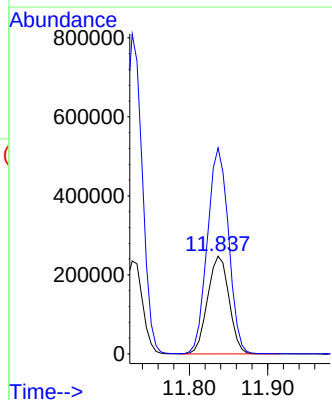
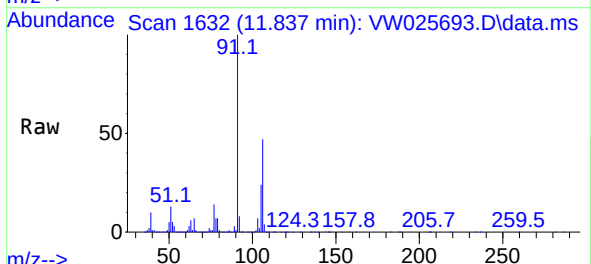
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

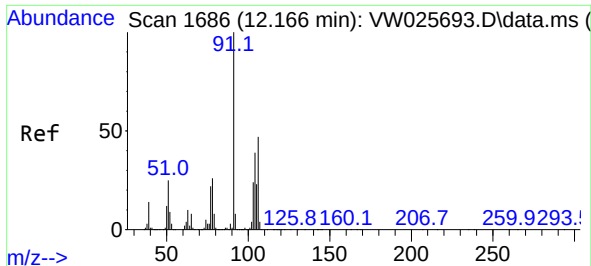
Tgt Ion: 91 Resp: 1280171
Ion Ratio Lower Upper
91 100
106 29.0 20.3 37.7



#53
m,p-Xylene
Concen: 26.157 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 106 Resp: 469961
Ion Ratio Lower Upper
106 100
91 210.8 148.0 274.8

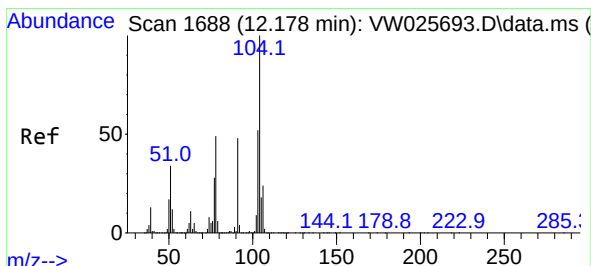
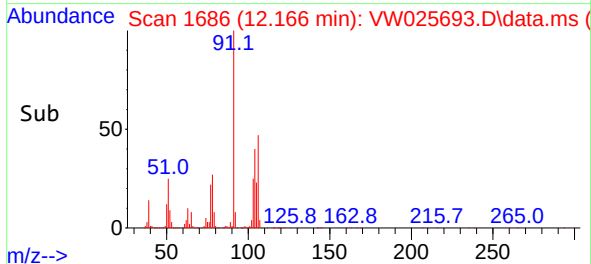
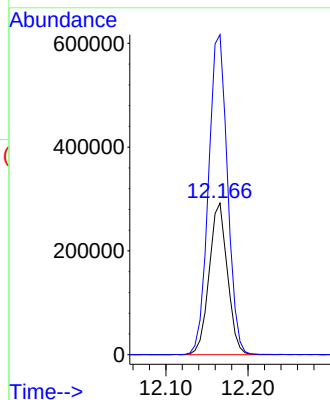
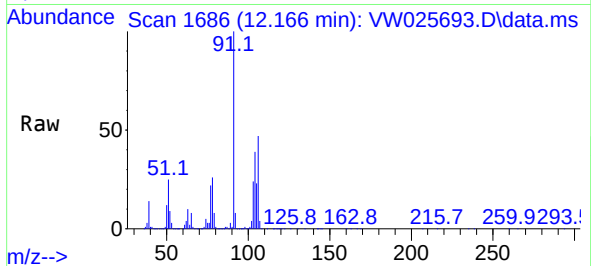




#54
o-Xylene
Concen: 26.820 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

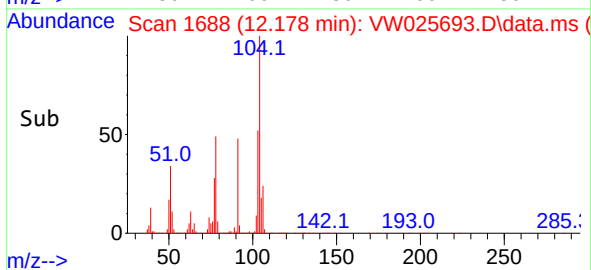
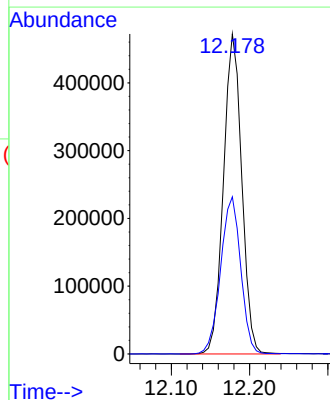
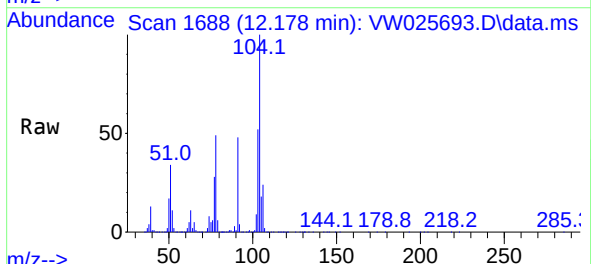
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

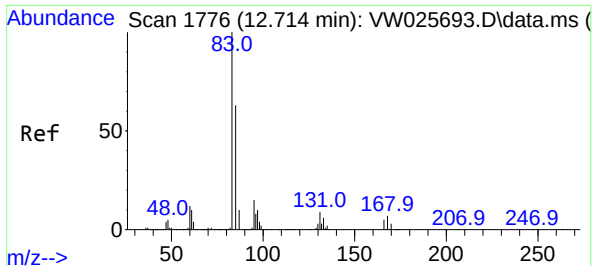
Tgt Ion:106 Resp: 450793
Ion Ratio Lower Upper
106 100
91 211.3 158.2 293.8



#55
Styrene
Concen: 27.120 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion:104 Resp: 767245
Ion Ratio Lower Upper
104 100
78 49.1 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.278 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025693.D

Acq: 26 Apr 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

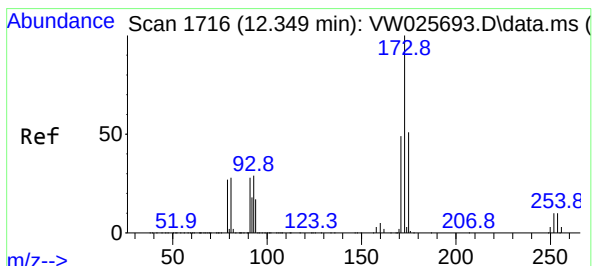
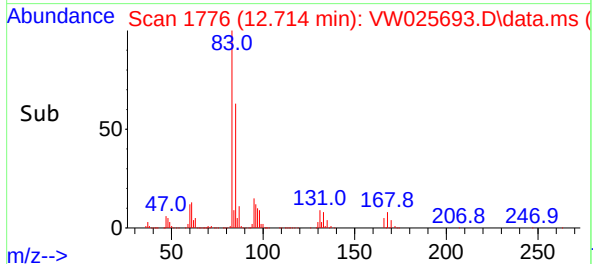
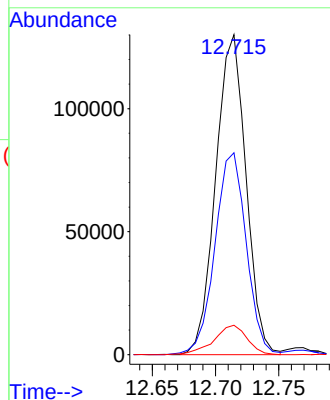
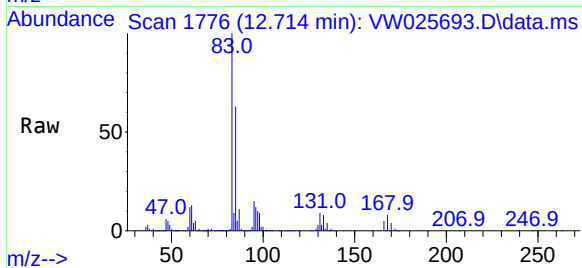
Tgt Ion: 83 Resp: 216789

Ion Ratio Lower Upper

83 100

85 63.1 43.5 80.7

131 9.2 7.0 10.4



#59

Bromoform

Concen: 25.654 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025693.D

Acq: 26 Apr 2023 09:47

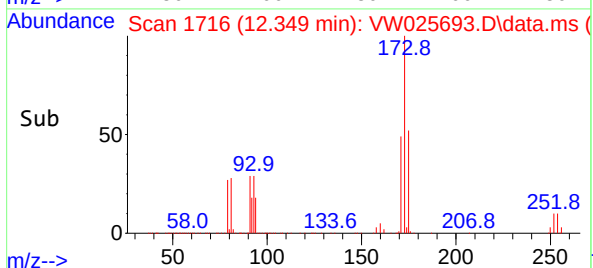
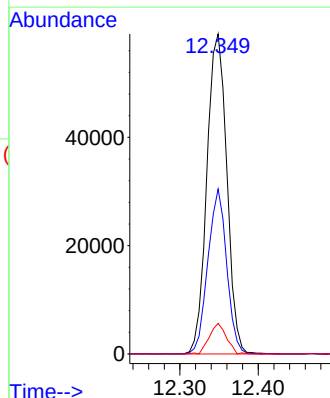
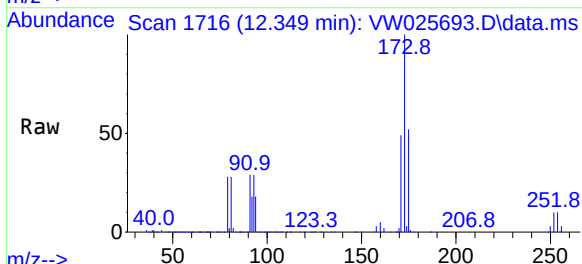
Tgt Ion:173 Resp: 104546

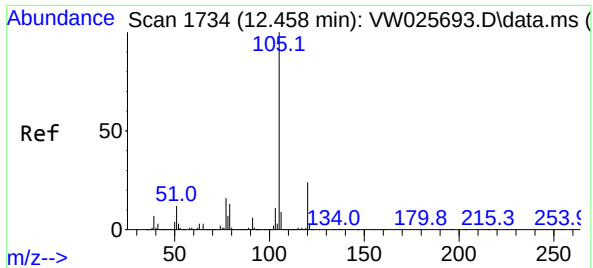
Ion Ratio Lower Upper

173 100

175 48.5 36.1 54.1

254 8.0 7.0 10.6

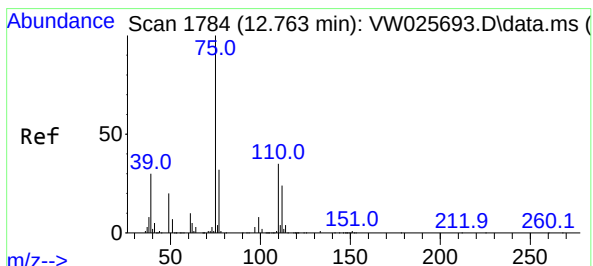
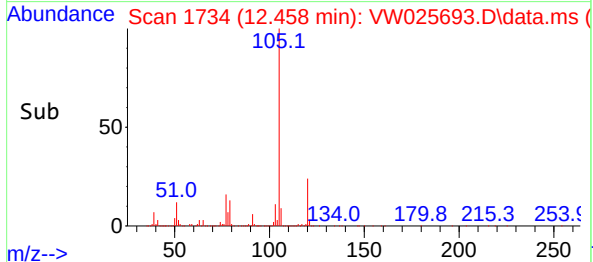
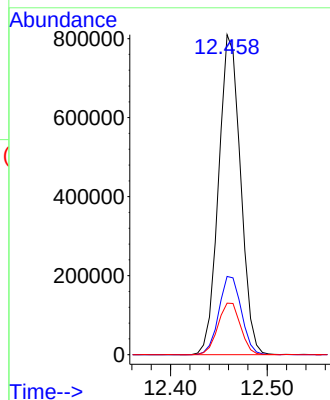
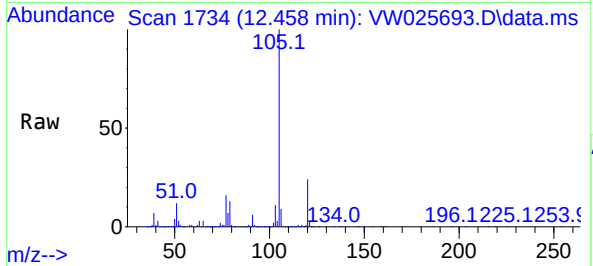




#60
Isopropylbenzene
Concen: 27.347 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

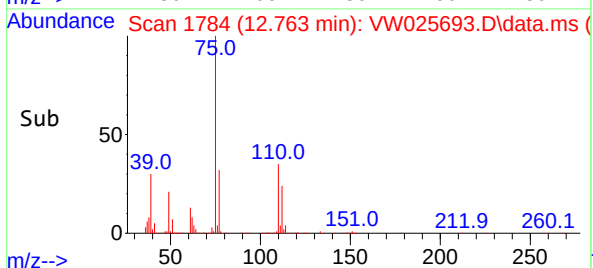
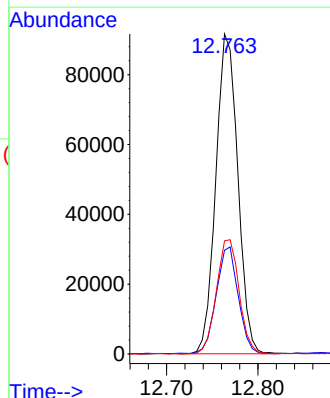
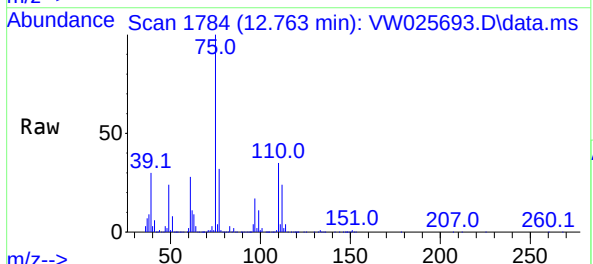
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

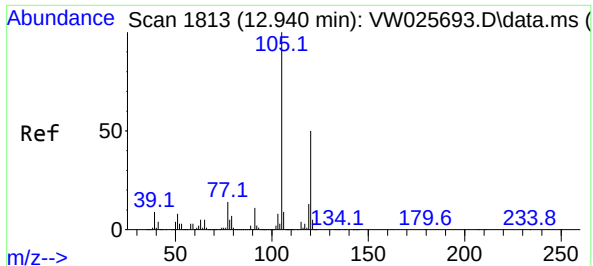
Tgt Ion:105 Resp: 1273995
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 24.856 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 75 Resp: 153205
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2
110 37.0 29.0 43.6

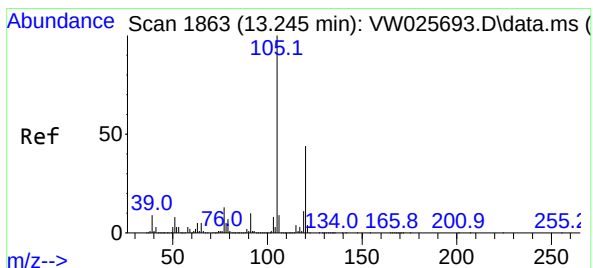
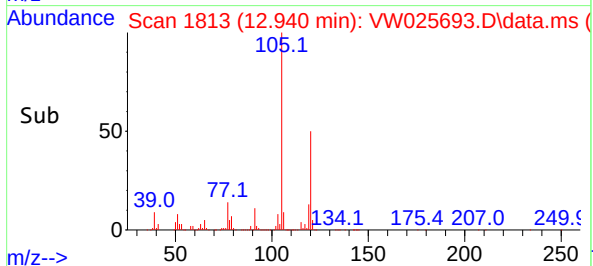
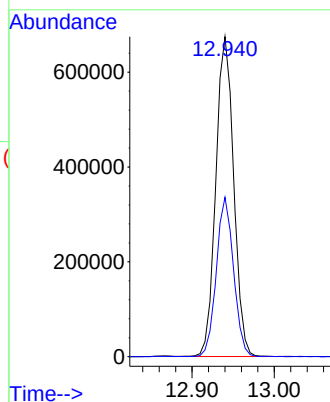
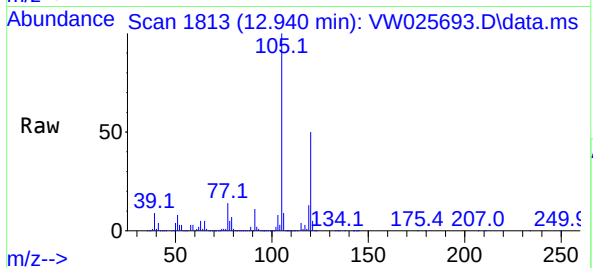




#62
1,3,5-Trimethylbenzene
Concen: 27.684 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

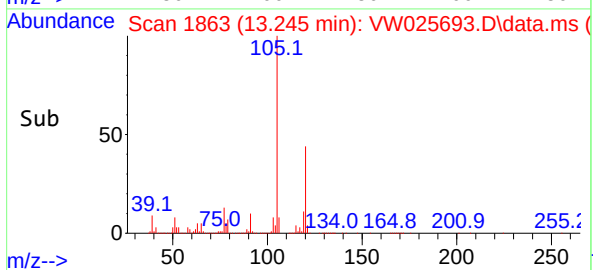
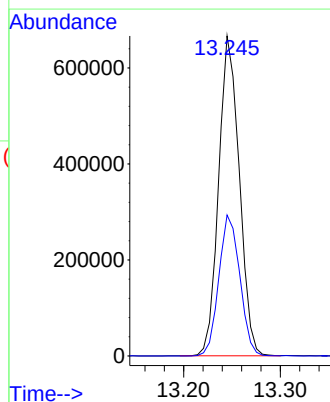
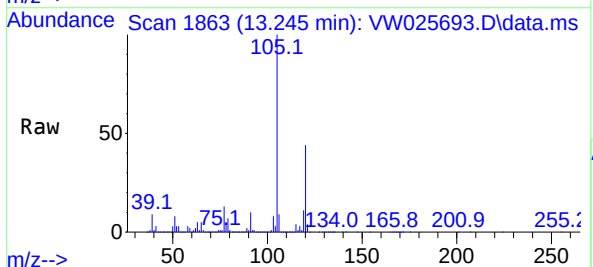
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

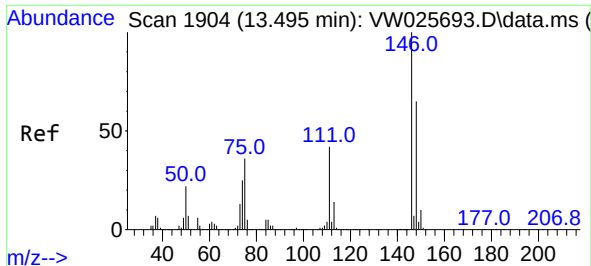
Tgt Ion:105 Resp: 1018083
Ion Ratio Lower Upper
105 100
120 47.9 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 27.870 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion:105 Resp: 986913
Ion Ratio Lower Upper
105 100
120 44.7 34.8 52.2

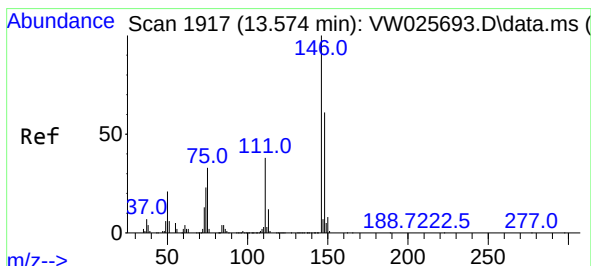
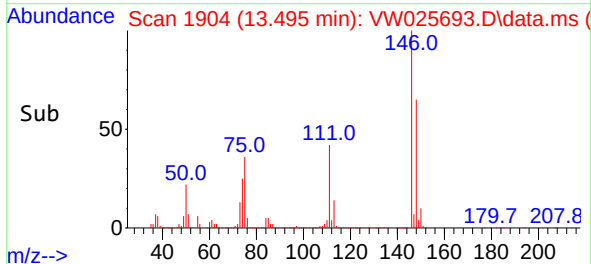
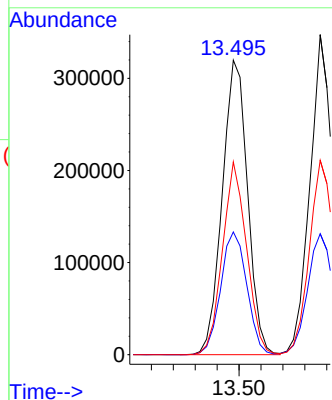
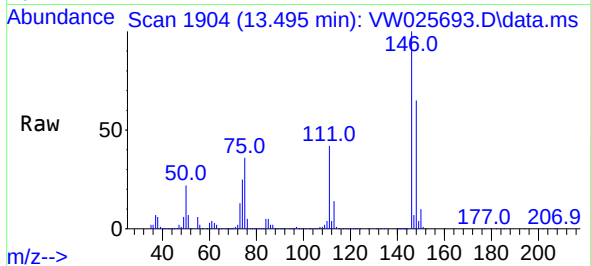




#64
1,3-Dichlorobenzene
Concen: 26.603 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

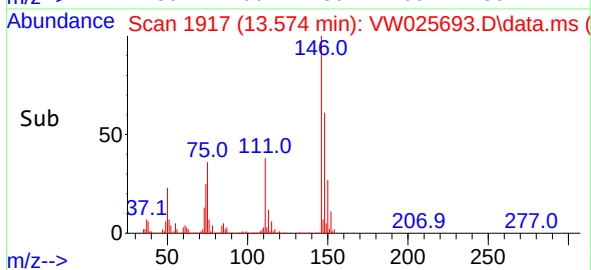
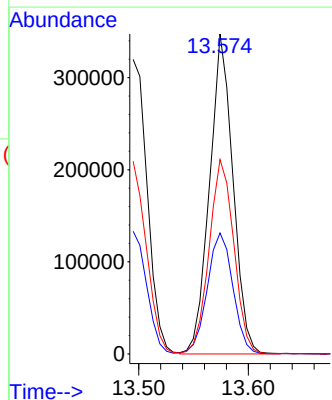
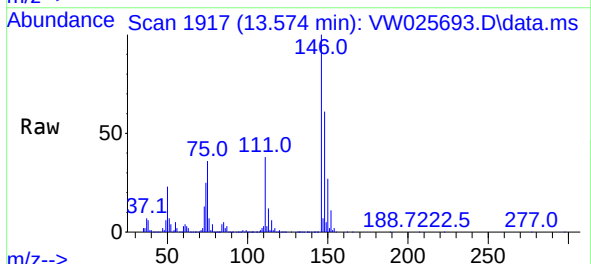
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

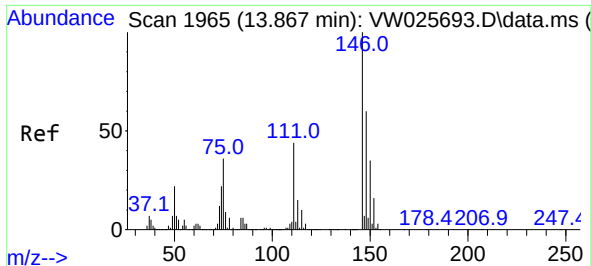
Tgt Ion:146 Resp: 513575
Ion Ratio Lower Upper
146 100
111 41.7 29.7 55.1
148 65.5 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 26.111 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion:146 Resp: 514811
Ion Ratio Lower Upper
146 100
111 37.8 30.4 56.5
148 60.7 48.6 90.3

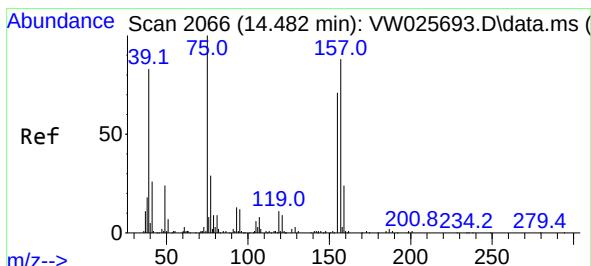
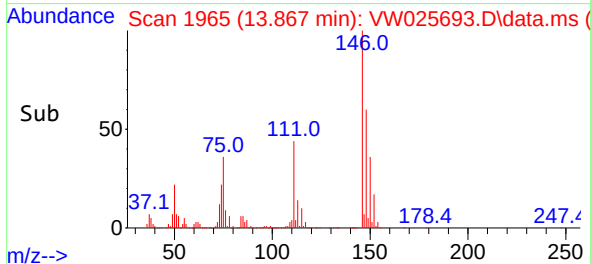
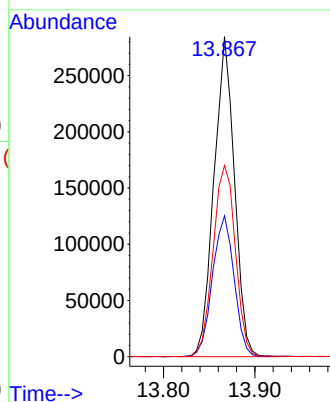
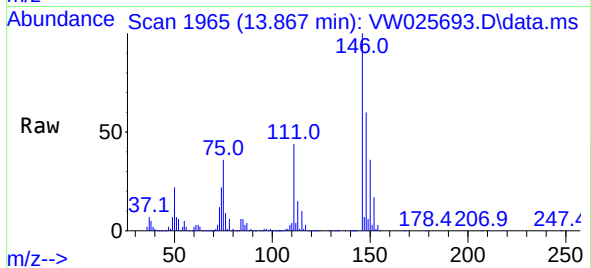




#67
1,2-Dichlorobenzene
Concen: 26.192 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

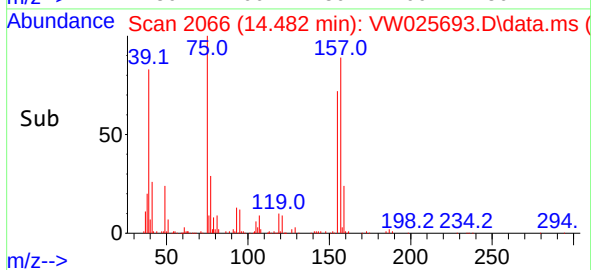
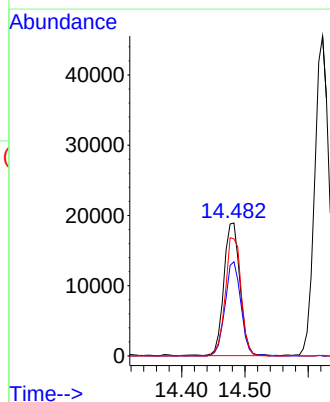
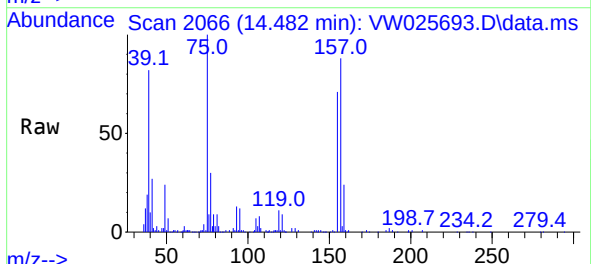
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

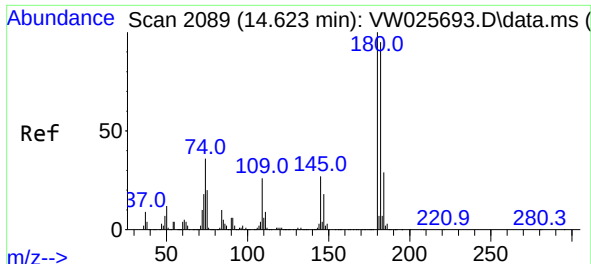
Tgt Ion:146 Resp: 443286
Ion Ratio Lower Upper
146 100
111 44.0 35.3 52.9
148 59.8 47.9 71.9



#68
1,2-Dibromo-3-chloropropane
Concen: 24.771 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion: 75 Resp: 33493
Ion Ratio Lower Upper
75 100
155 70.8 61.1 91.7
157 88.0 72.8 109.2



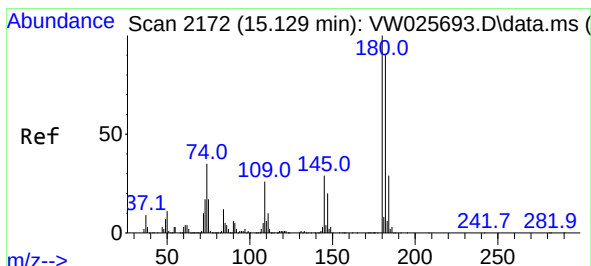
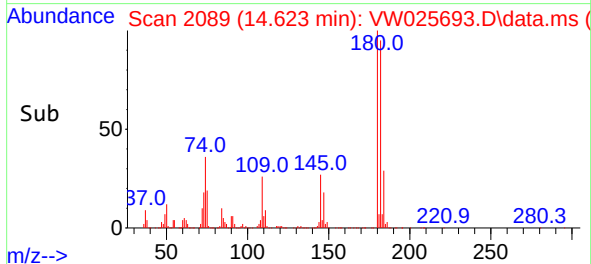
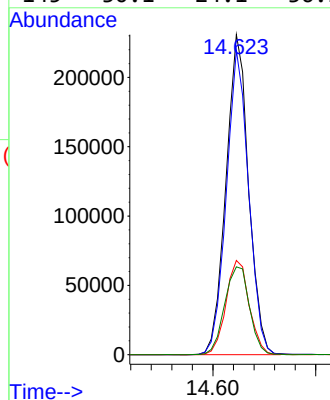
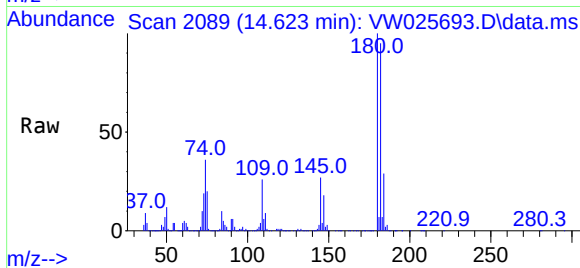


#69
1,3,5-Trichlorobenzene
Concen: 27.229 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

Tgt Ion:180 Resp: 351941

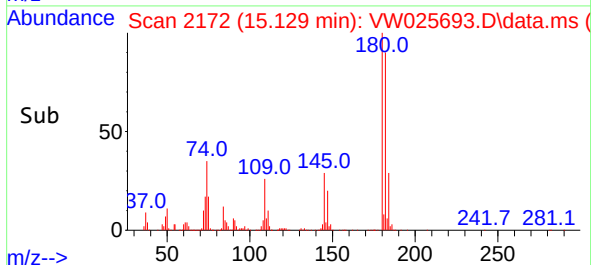
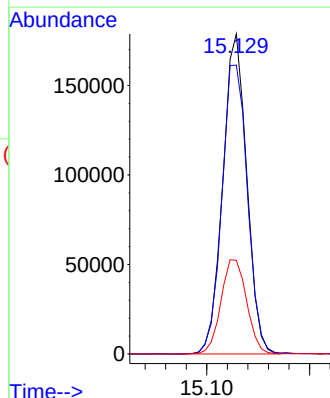
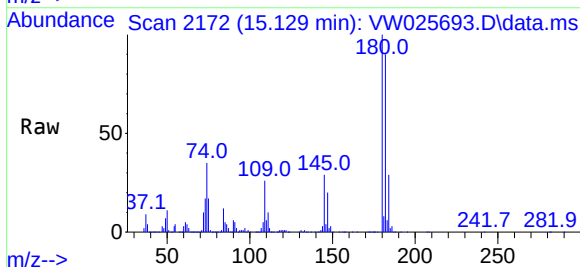
Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.4	114.6
184	30.3	24.1	36.1
145	30.1	24.1	36.1

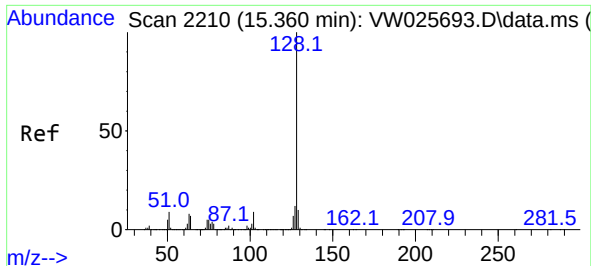


#70
1,2,4-trichlorobenzene
Concen: 27.528 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion:180 Resp: 289035

Ion	Ratio	Lower	Upper
180	100		
182	96.5	79.5	119.3
145	31.6	27.4	41.0

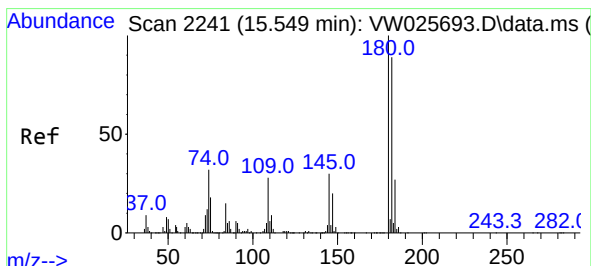
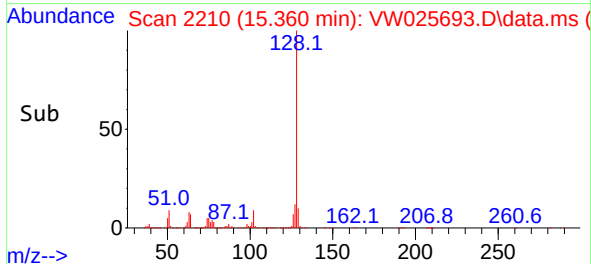
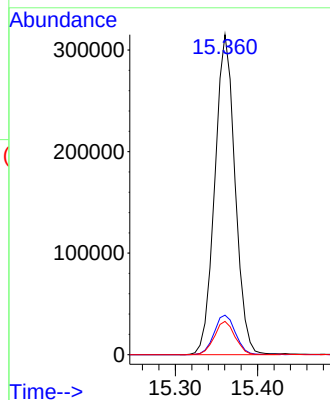
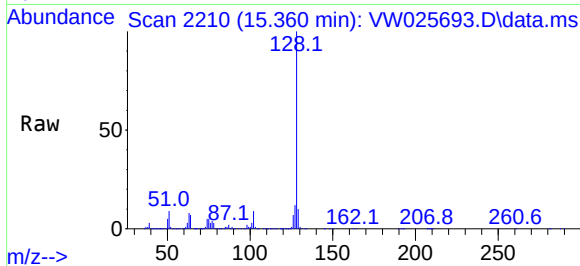




#71
Naphthalene
Concen: 27.523 ug/L
RT: 15.360 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

Tgt Ion:128 Resp: 539237
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.995 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025693.D
Acq: 26 Apr 2023 09:47

Tgt Ion:180 Resp: 247819
Ion Ratio Lower Upper
180 100
182 97.9 72.9 109.3
145 34.6 27.0 40.6

