

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040723\
 Data File : VW025564.D
 Acq On : 07 Apr 2023 12:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Apr 07 23:04:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 04 03:07:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	704214	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	626773	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	307481	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	234099	20.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.720%
7) Chloroethane-d5	2.899	69	169985	20.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.320%
11) 1,1-Dichloroethene-d2	4.033	63	502819	21.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.800%
21) 2-Butanone-d5	7.075	46	135531	53.015	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.020%
24) Chloroform-d	7.648	84	454778	23.000	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	8.307	65	238728	23.208	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.840%
32) Benzene-d6	8.276	84	894709	22.046	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	9.270	67	285424	22.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.240%
41) Toluene-d8	10.319	98	799004	22.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.160%
43) trans-1,3-Dichloroprop...	10.575	79	108952	22.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.840%
47) 2-Hexanone-d5	10.922	63	94508	54.639	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	213472	24.994	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	243777	23.077	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	240312	24.403	ug/L	94
3) Chloromethane	2.223	50	299863	26.246	ug/L	99
5) Vinyl chloride	2.381	62	324982	25.731	ug/L	95
6) Bromomethane	2.789	94	166792	24.549	ug/L	96
8) Chloroethane	2.936	64	180836	25.564	ug/L	97
9) Trichlorofluoromethane	3.271	101	219918	22.602	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	261883	26.821	ug/L	100
12) 1,1-Dichloroethene	4.045	96	252757	25.861	ug/L	96
13) Acetone	4.119	43	116774	53.970	ug/L	99
14) Carbon disulfide	4.393	76	836417	24.256	ug/L	100
15) Methyl Acetate	4.667	43	137558	28.298	ug/L	99
16) Methylene chloride	4.917	84	272511	24.345	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	263361	25.345	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	381070	26.574	ug/L	100
19) 1,1-Dichloroethane	6.216	63	546691	26.333	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	281332	26.022	ug/L #	98
22) 2-Butanone	7.167	43	175421	57.032	ug/L	99
23) Bromochloromethane	7.514	128	116046	26.174	ug/L	92
25) Chloroform	7.673	83	503725	26.533	ug/L	97

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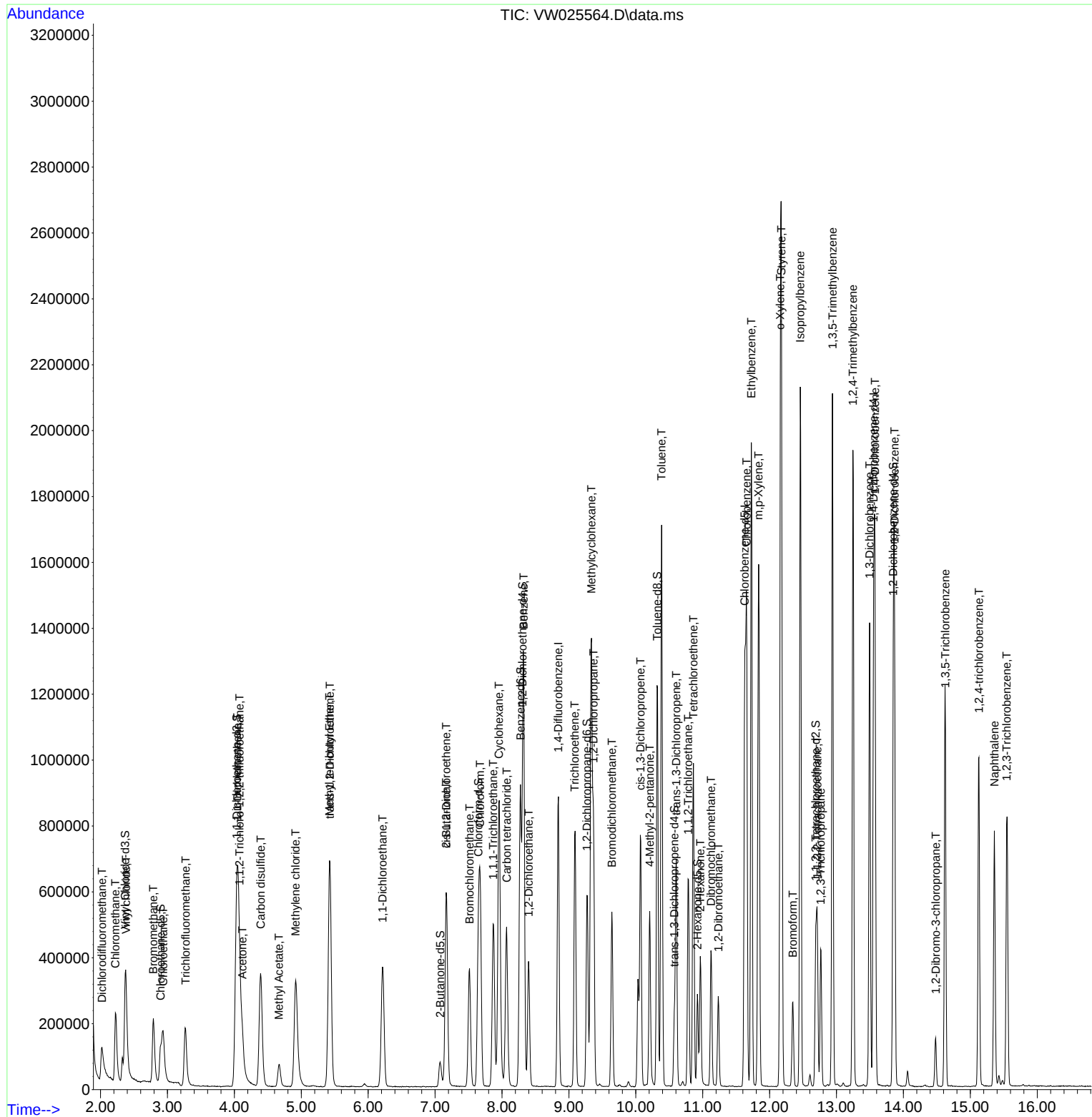
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	341690	26.821	ug/L	99
29) Cyclohexane	7.953	56	523092	25.785	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	399457	25.650	ug/L	100
31) Carbon tetrachloride	8.069	117	358044	25.458	ug/L	97
33) Benzene	8.325	78	1135047	26.018	ug/L	100
34) Trichloroethene	9.087	95	285862	25.191	ug/L	96
35) Methylcyclohexane	9.337	83	523716	25.559	ug/L	99
37) 1,2-Dichloropropane	9.368	63	304784	26.453	ug/L	100
38) Bromodichloromethane	9.642	83	350389	26.580	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	444116	26.872	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	371422	56.953	ug/L	100
42) Toluene	10.386	91	1168049	26.294	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	366020	26.857	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	199544	27.162	ug/L	98
46) Tetrachloroethene	10.861	164	203143	25.454	ug/L	93
48) 2-Hexanone	10.965	43	256650	56.958	ug/L	95
49) Dibromochloromethane	11.123	129	213629	27.619	ug/L	99
50) 1,2-Dibromoethane	11.233	107	183195	27.140	ug/L	96
51) Chlorobenzene	11.654	112	712912	26.043	ug/L	96
52) Ethylbenzene	11.727	91	1318615	26.230	ug/L	99
53) m,p-Xylene	11.837	106	489072	26.529	ug/L	99
54) o-Xylene	12.160	106	461561	26.763	ug/L	99
55) Styrene	12.178	104	791705	27.273	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	244436	27.778	ug/L	99
59) Bromoform	12.349	173	118635	28.156	ug/L	96
60) Isopropylbenzene	12.458	105	1316969	27.342	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	176356	27.674	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1049464	27.601	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1010848	27.610	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	525672	26.336	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	530796	26.039	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	465118	26.580	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	39348	28.147	ug/L	96
69) 1,3,5-Trichlorobenzene	14.629	180	343269	25.687	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	298098	27.460	ug/L	95
71) Naphthalene	15.360	128	597079	29.476	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	261186	27.518	ug/L	94

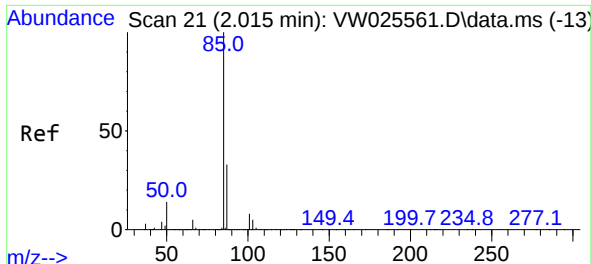
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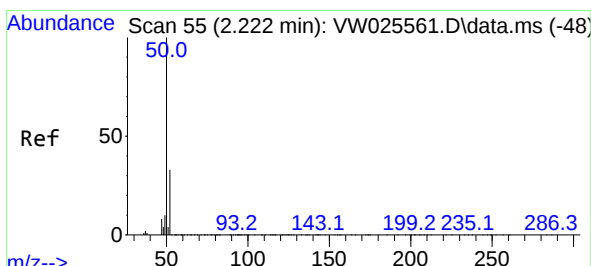
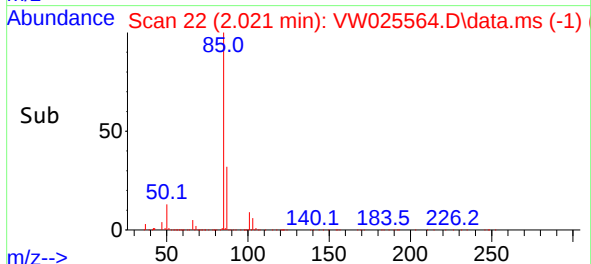
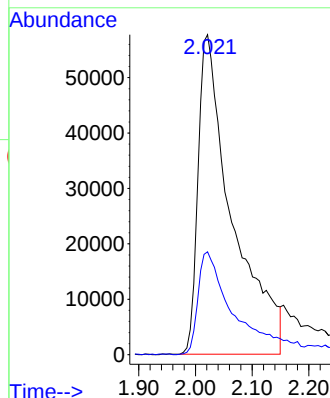
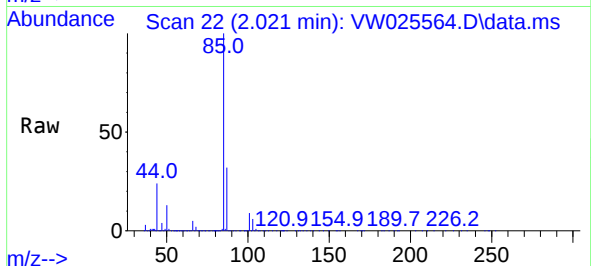




#2
Dichlorodifluoromethane
Concen: 24.403 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

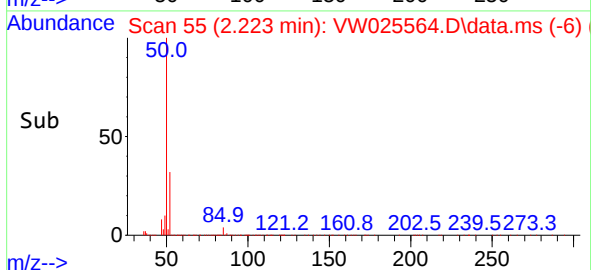
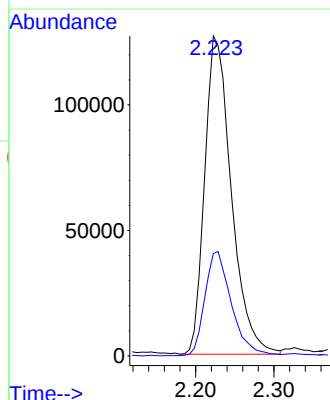
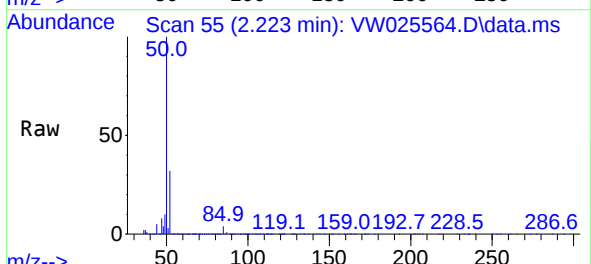
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

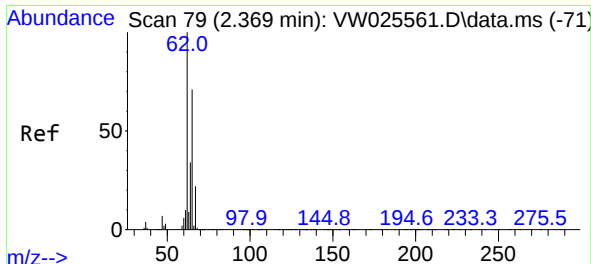
Tgt Ion: 85 Resp: 240312
Ion Ratio Lower Upper
85 100
87 34.1 24.6 37.0



#3
Chloromethane
Concen: 26.246 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 50 Resp: 299863
Ion Ratio Lower Upper
50 100
52 32.0 22.2 41.2

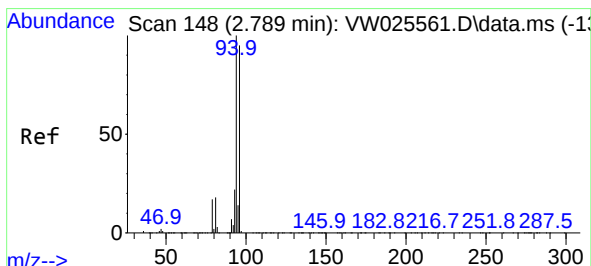
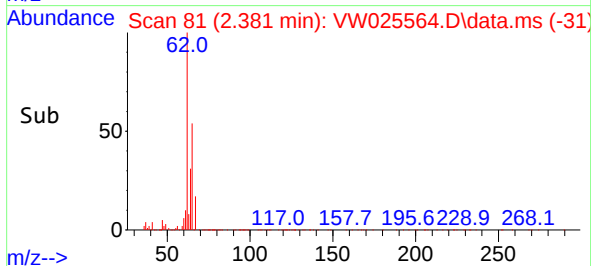
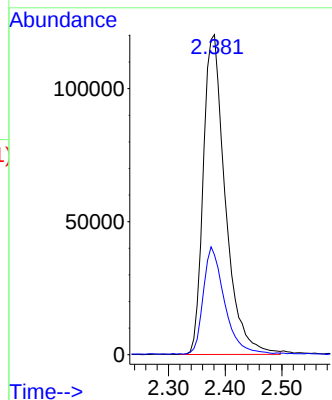
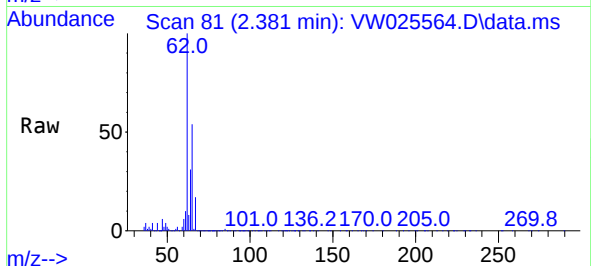




#5
 Vinyl chloride
 Concen: 25.731 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW025564.D
 Acq: 07 Apr 2023 12:32

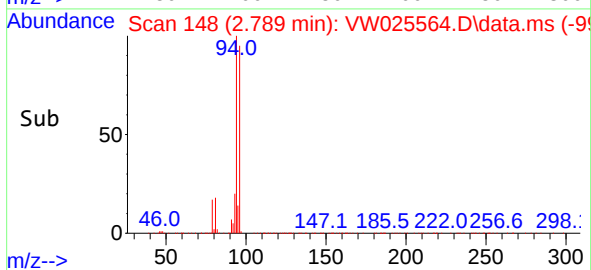
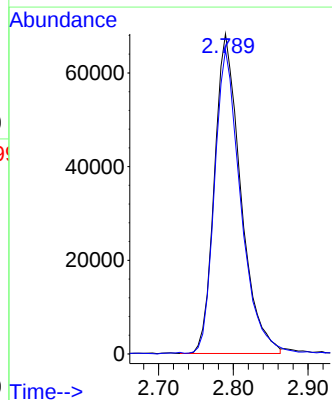
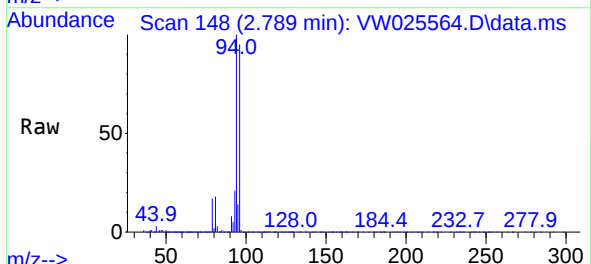
Instrument :
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 ClientSampleId :
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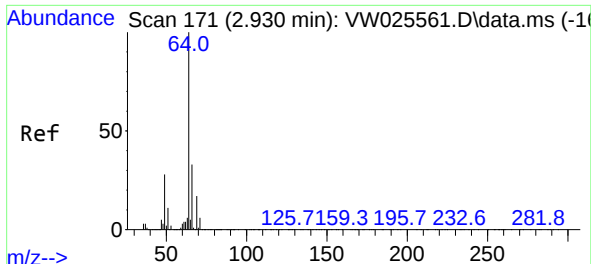
Tgt Ion: 62 Resp: 324982
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.9 44.3



#6
 Bromomethane
 Concen: 24.549 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025564.D
 Acq: 07 Apr 2023 12:32

Tgt Ion: 94 Resp: 166792
 Ion Ratio Lower Upper
 94 100
 96 95.0 64.0 118.8

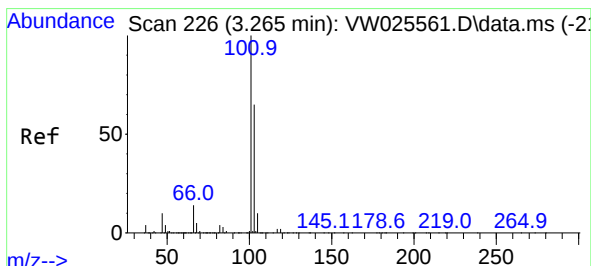
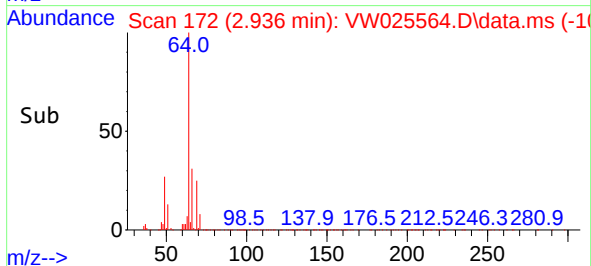
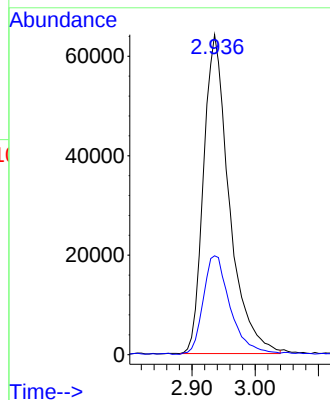
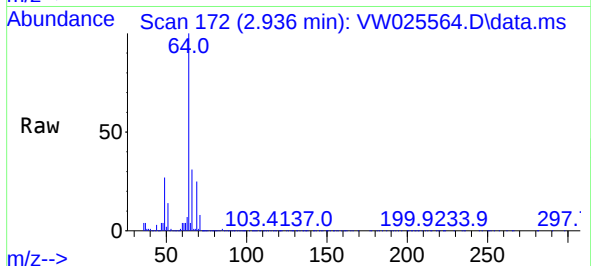




#8
Chloroethane
Concen: 25.564 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

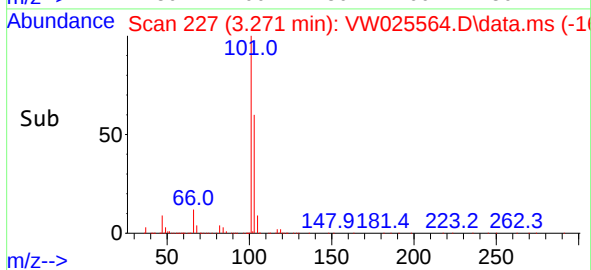
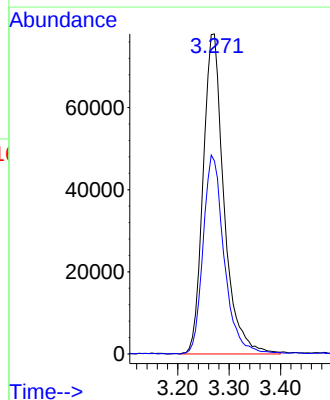
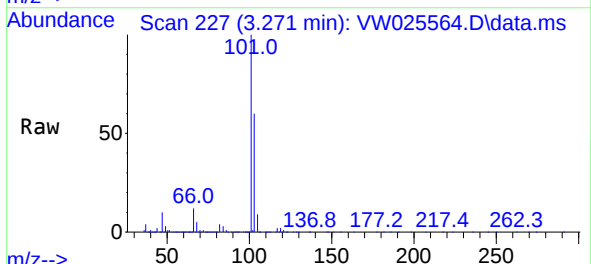
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

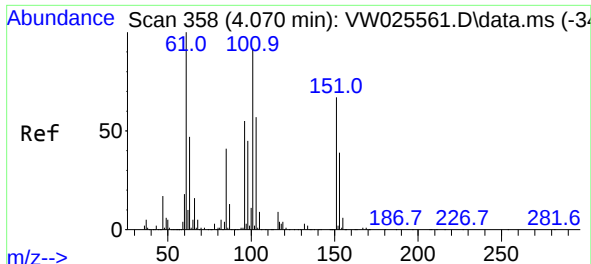
Tgt Ion: 64 Resp: 180836
Ion Ratio Lower Upper
64 100
66 30.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 22.602 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 101 Resp: 219918
Ion Ratio Lower Upper
101 100
103 62.3 52.3 78.5

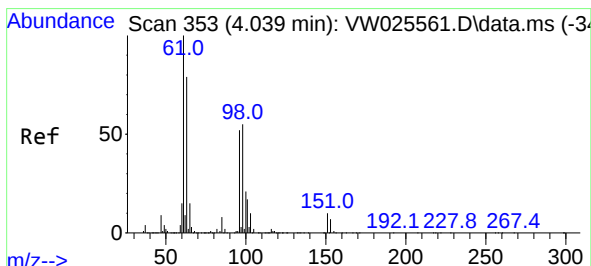
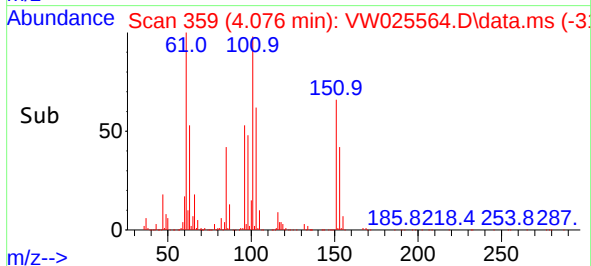
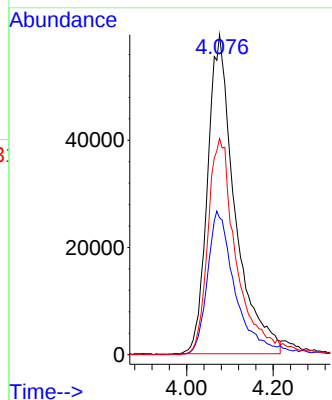
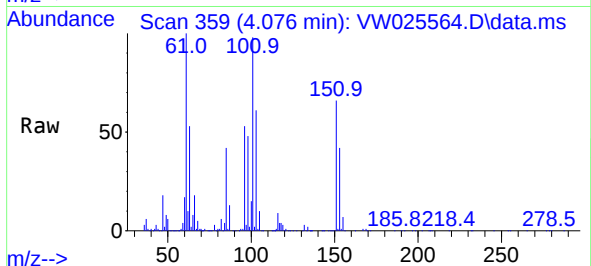




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.821 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW025564.D
 Acq: 07 Apr 2023 12:32

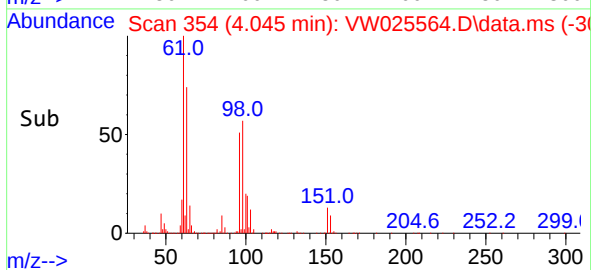
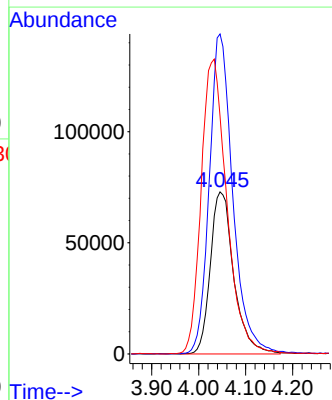
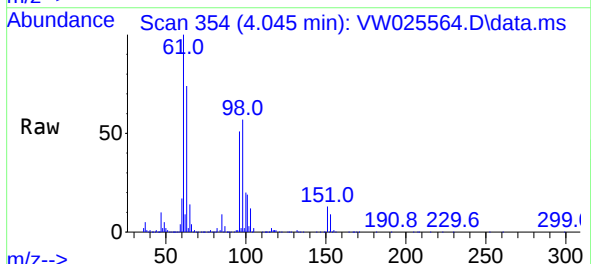
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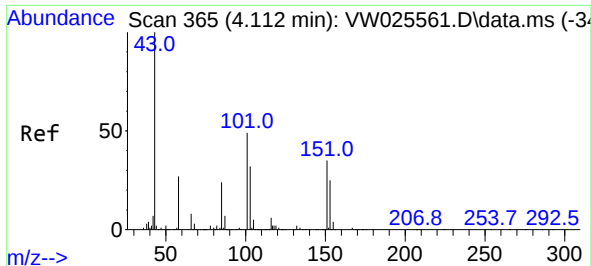
Tgt Ion:101 Resp: 261883
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.5 51.7
 151 69.0 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 25.861 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025564.D
 Acq: 07 Apr 2023 12:32

Tgt Ion: 96 Resp: 252757
 Ion Ratio Lower Upper
 96 100
 61 197.4 132.7 246.4
 63 146.7 105.0 195.0

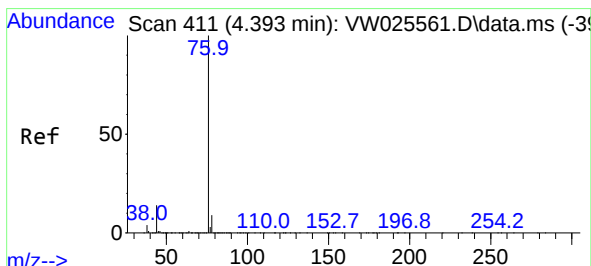
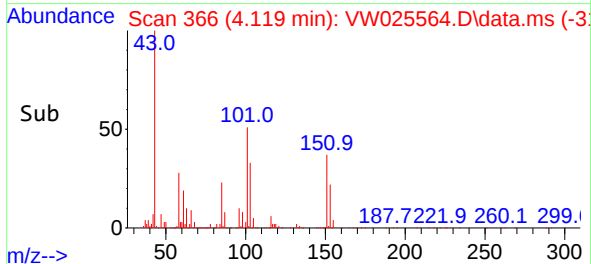
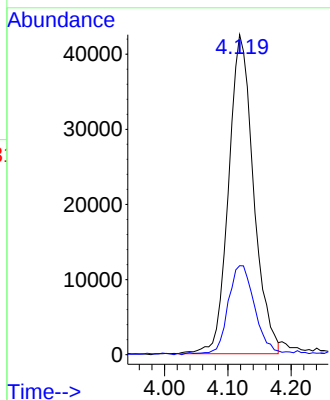
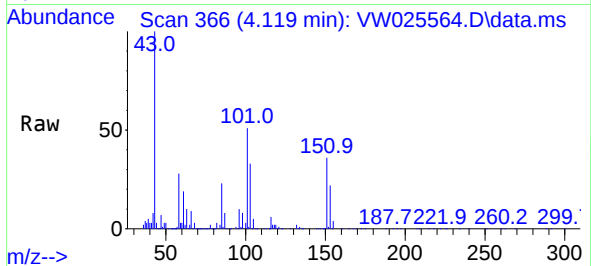




#13
Acetone
Concen: 53.970 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW025564.D
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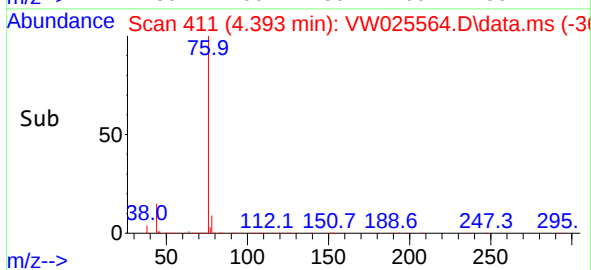
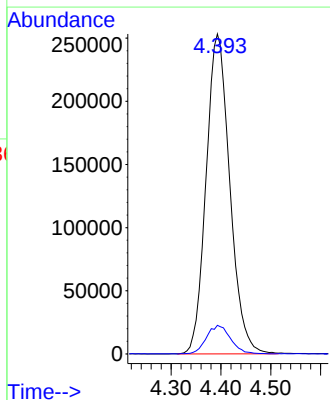
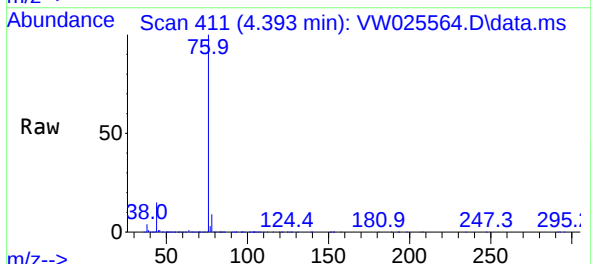
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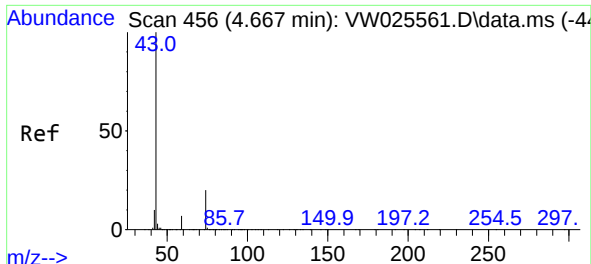
Tgt Ion: 43 Resp: 116774
Ion Ratio Lower Upper
43 100
58 29.2 0.0 57.4



#14
Carbon disulfide
Concen: 24.256 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Acq: 07 Apr 2023 12:32

Tgt Ion: 76 Resp: 836417
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

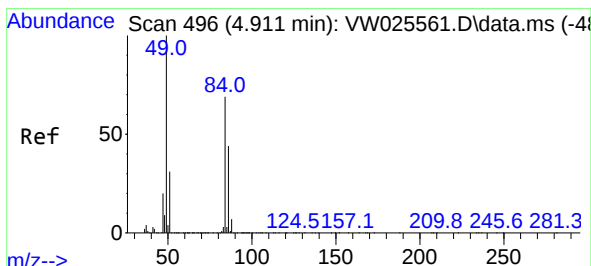
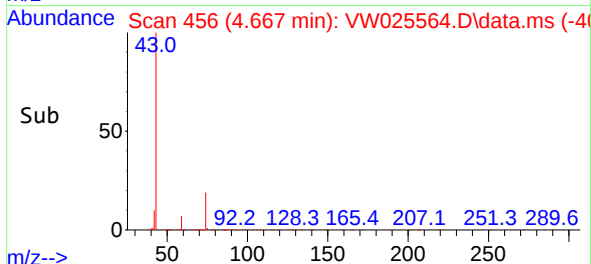
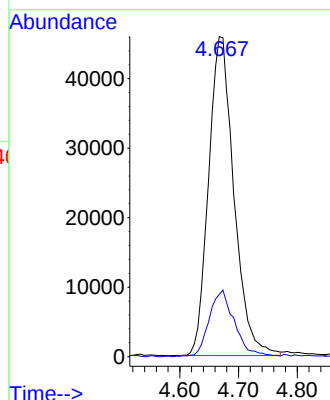
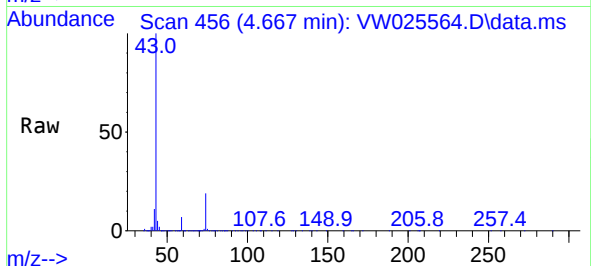




#15
Methyl Acetate
Concen: 28.298 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

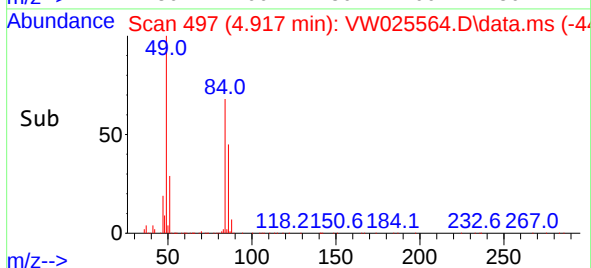
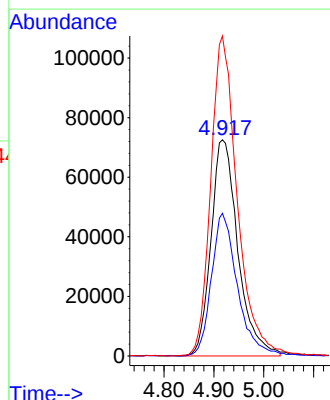
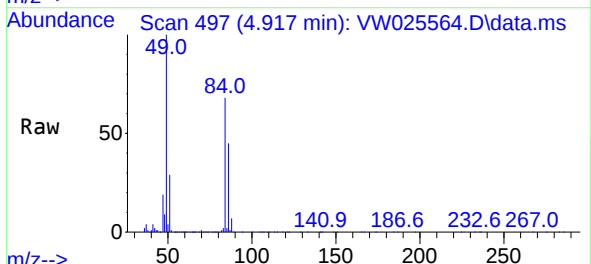
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

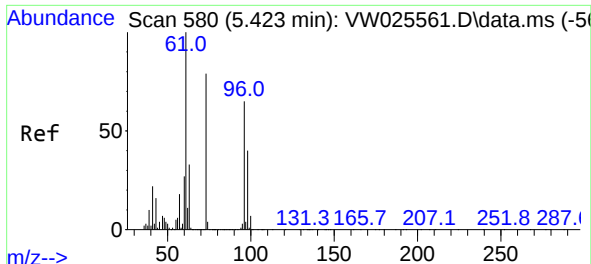
Tgt Ion: 43 Resp: 137558
Ion Ratio Lower Upper
43 100
74 20.9 17.0 25.4



#16
Methylene chloride
Concen: 24.345 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 84 Resp: 272511
Ion Ratio Lower Upper
84 100
86 66.0 44.9 83.3
49 148.1 101.4 188.4





#17

trans-1,2-Dichloroethene

Concen: 25.345 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW025564.D

Acq: 07 Apr 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

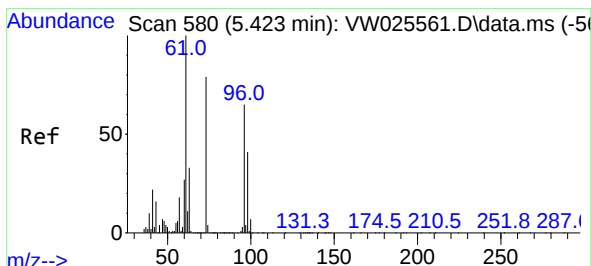
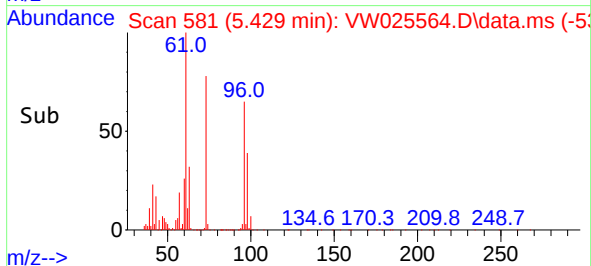
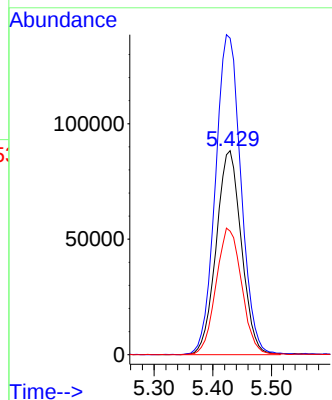
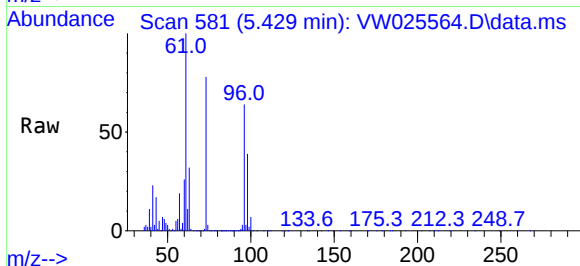
Tgt Ion: 96 Resp: 263361

Ion Ratio Lower Upper

96 100

61 155.1 113.3 210.3

98 60.5 43.6 81.0



#18

Methyl tert-butyl Ether

Concen: 26.574 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW025564.D

Acq: 07 Apr 2023 12:32

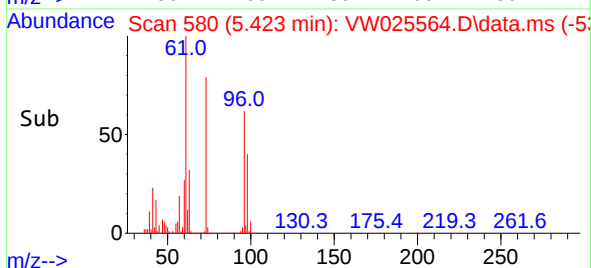
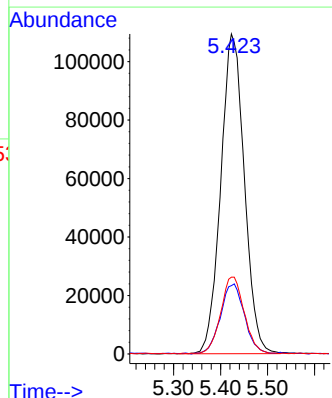
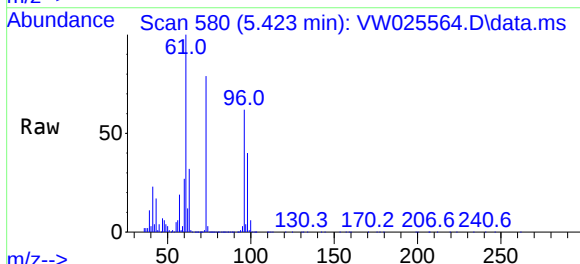
Tgt Ion: 73 Resp: 381070

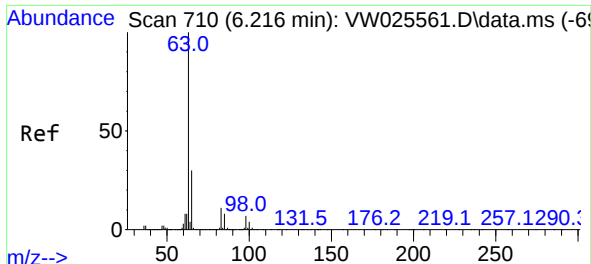
Ion Ratio Lower Upper

73 100

43 22.5 17.8 26.6

57 23.8 19.0 28.6





#19

1,1-Dichloroethane

Concen: 26.333 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW025564.D

Acq: 07 Apr 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

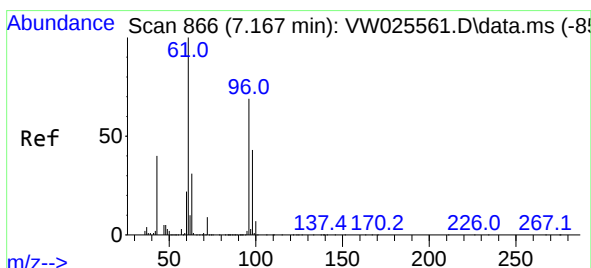
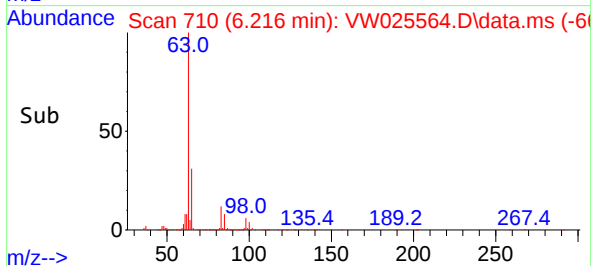
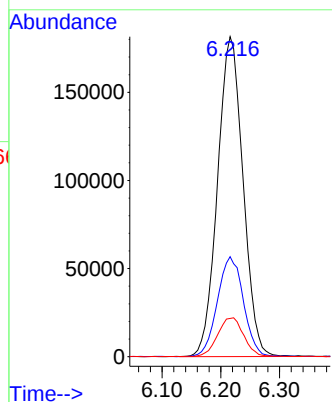
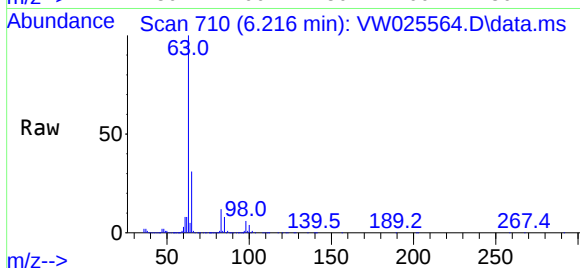
Tgt Ion: 63 Resp: 546691

Ion Ratio Lower Upper

63 100

65 31.3 21.9 40.7

83 12.0 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.022 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025564.D

Acq: 07 Apr 2023 12:32

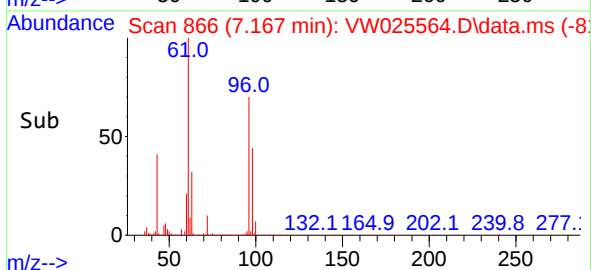
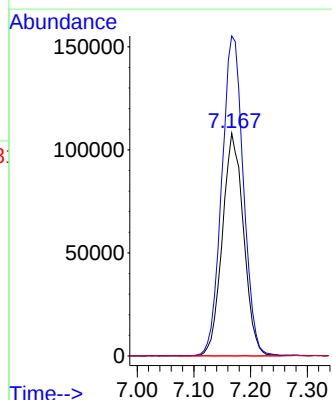
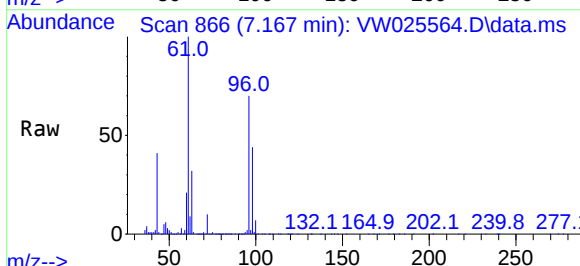
Tgt Ion: 96 Resp: 281332

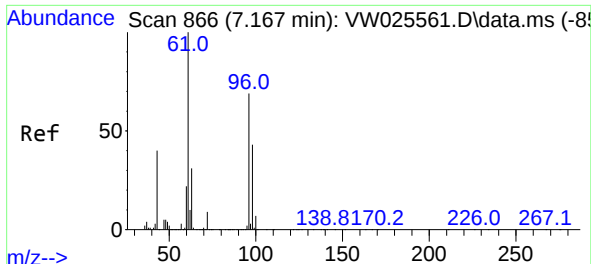
Ion Ratio Lower Upper

96 100

61 143.6 102.6 190.6

68 0.1 0.1 0.1

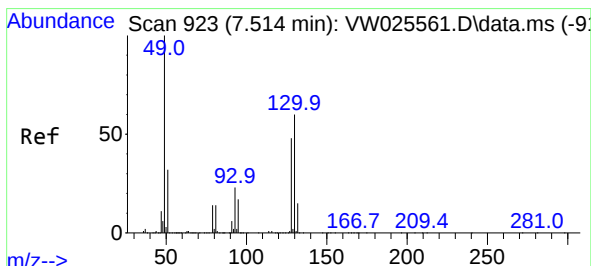
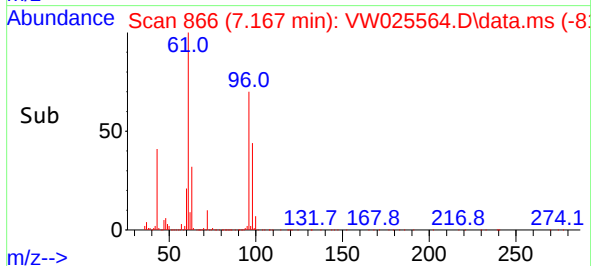
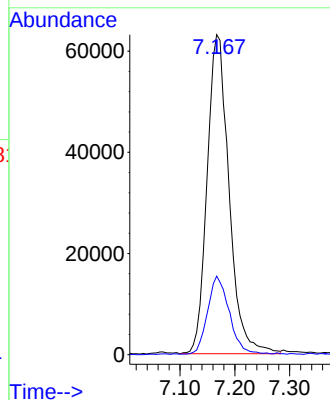
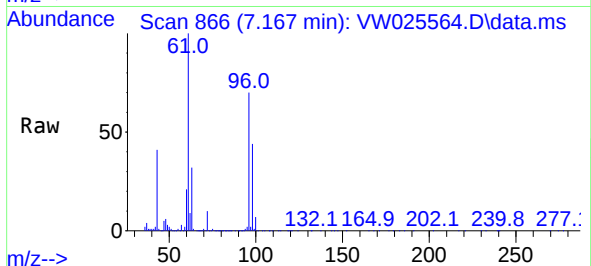




#22
2-Butanone
Concen: 57.032 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

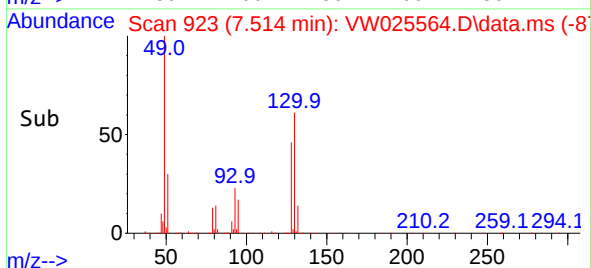
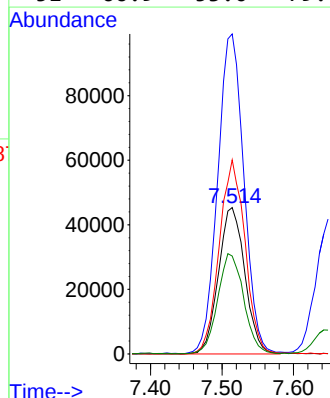
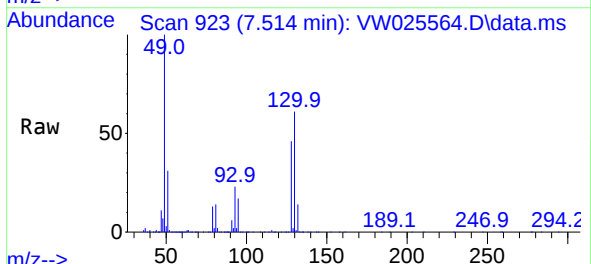
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

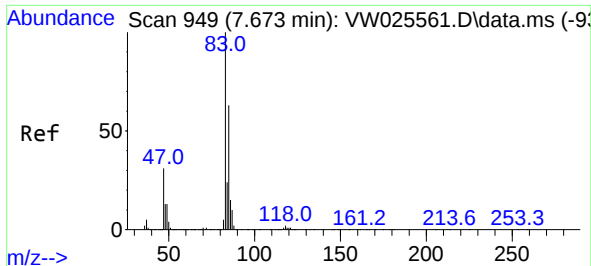
Tgt Ion: 43 Resp: 175421
Ion Ratio Lower Upper
43 100
72 24.3 12.0 36.0



#23
Bromochloromethane
Concen: 26.174 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 128 Resp: 116046
Ion Ratio Lower Upper
128 100
49 218.5 141.7 263.3
130 132.5 86.7 160.9
51 66.9 53.0 79.6

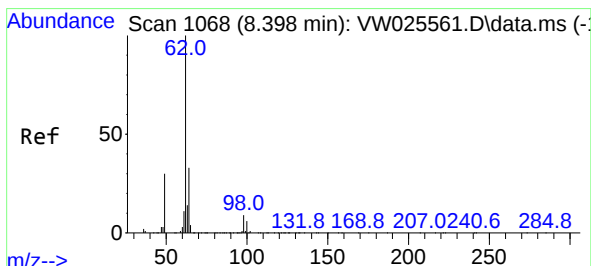
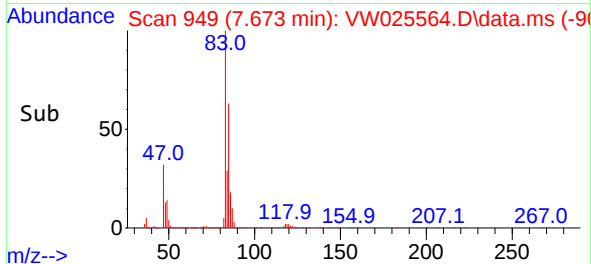
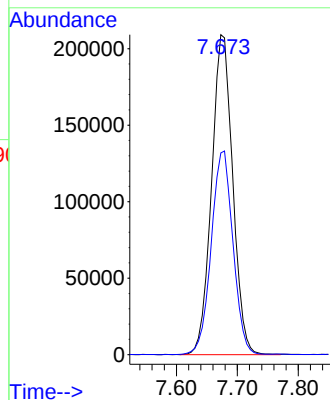
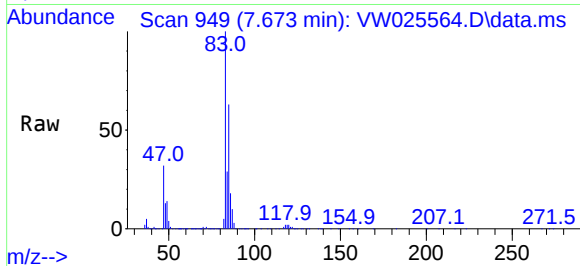




#25
Chloroform
Concen: 26.533 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

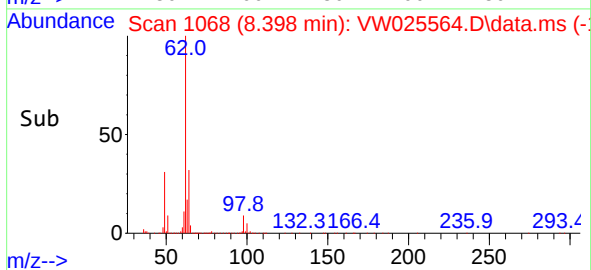
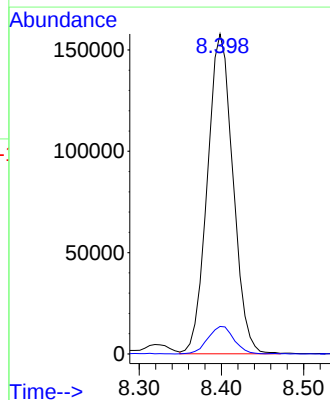
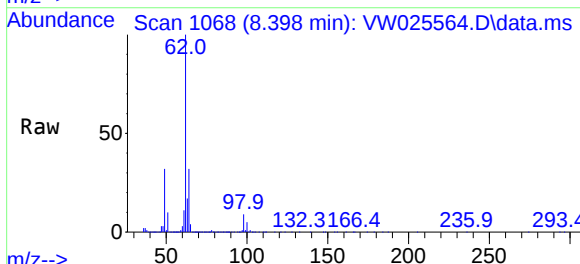
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

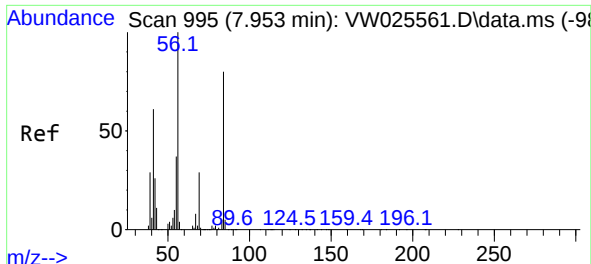
Tgt Ion: 83 Resp: 503725
Ion Ratio Lower Upper
83 100
85 63.1 45.8 85.2



#27
1,2-Dichloroethane
Concen: 26.821 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 62 Resp: 341690
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 25.785 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW025564.D

Acq: 07 Apr 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

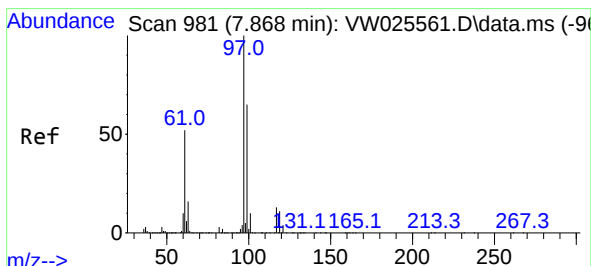
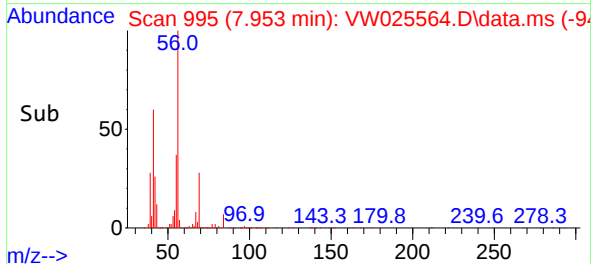
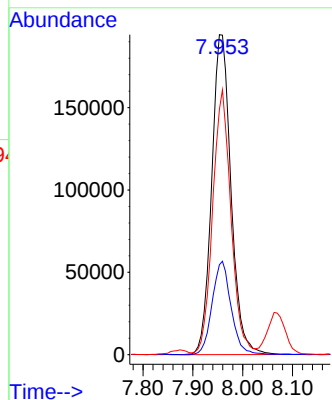
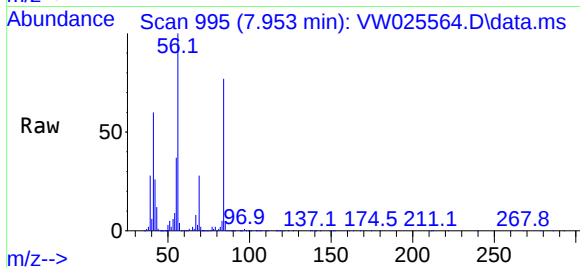
Tgt Ion: 56 Resp: 523092

Ion Ratio Lower Upper

56 100

69 28.6 22.7 34.1

84 78.7 62.5 93.7



#30

1,1,1-Trichloroethane

Concen: 25.650 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025564.D

Acq: 07 Apr 2023 12:32

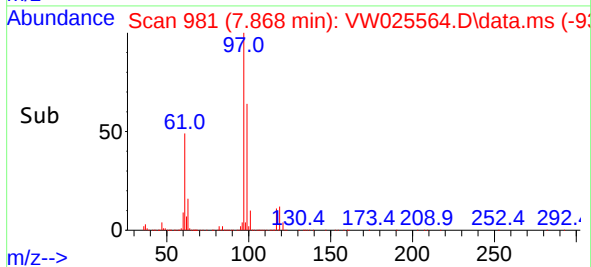
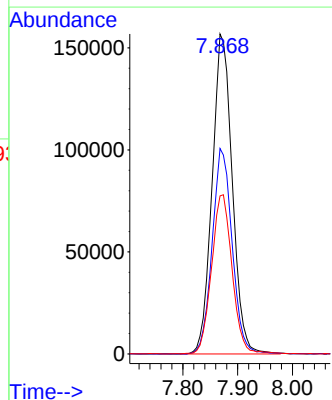
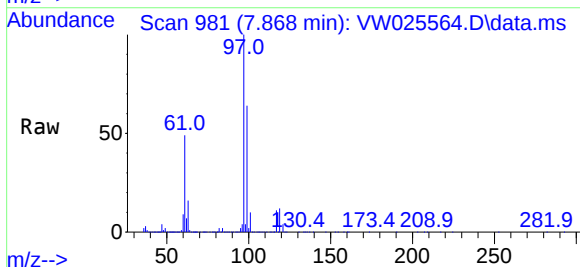
Tgt Ion: 97 Resp: 399457

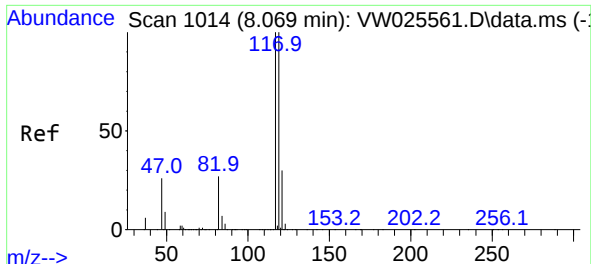
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.6

61 50.3 40.5 60.7

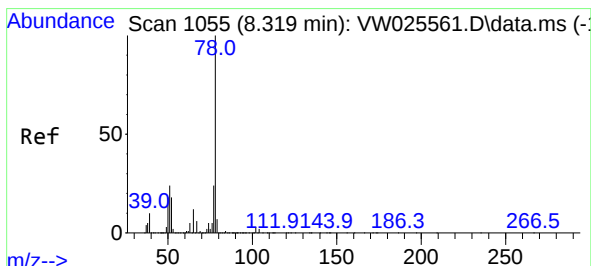
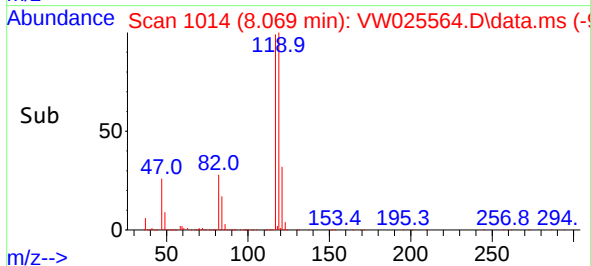
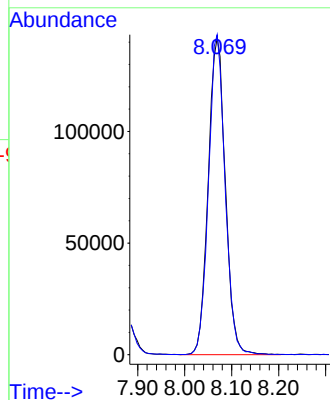
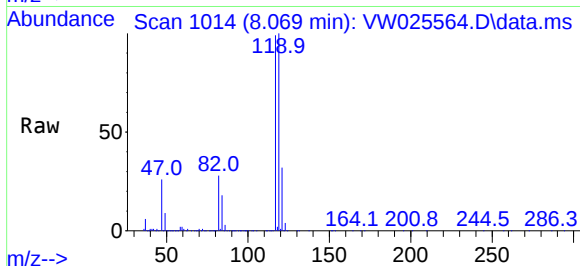




#31
Carbon tetrachloride
Concen: 25.458 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

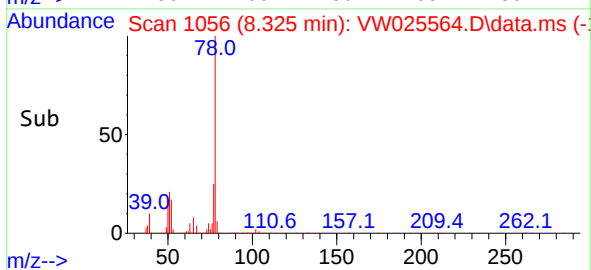
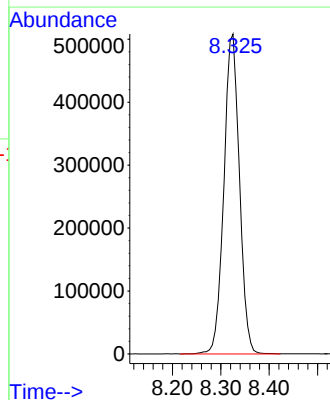
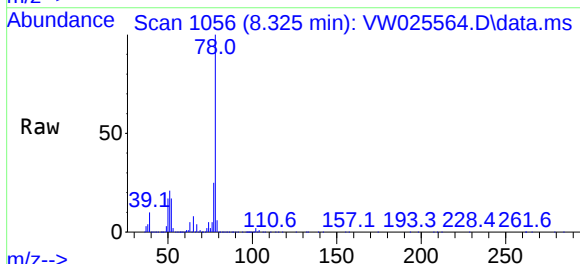
Instrument : MSVOA_W
ClientSampleId : VSTD025566

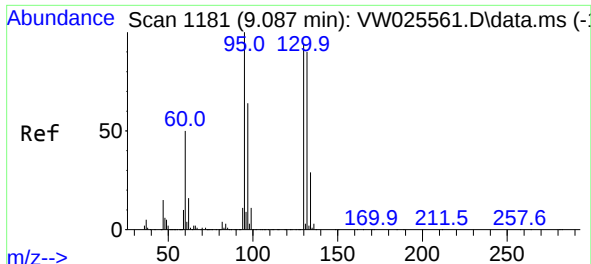
Tgt Ion:117 Resp: 358044
Ion Ratio Lower Upper
117 100
119 97.6 75.7 113.5



#33
Benzene
Concen: 26.018 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 78 Resp: 1135047



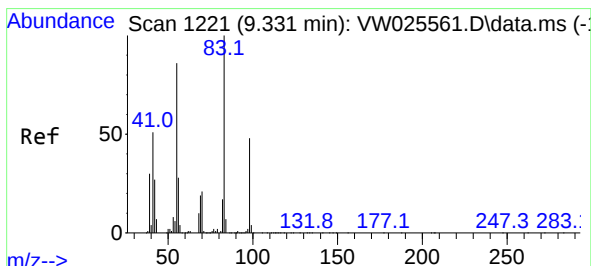
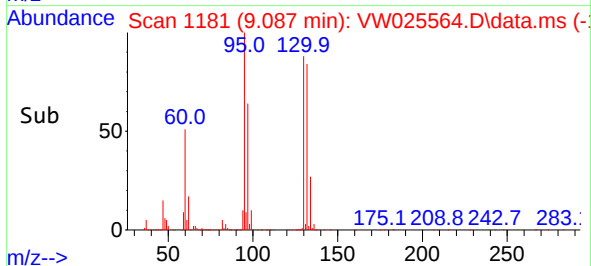
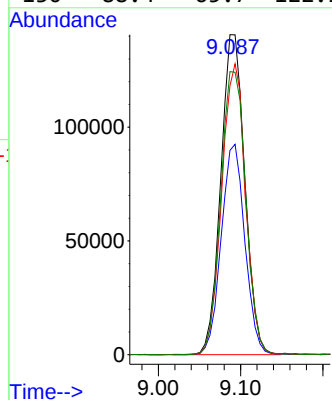
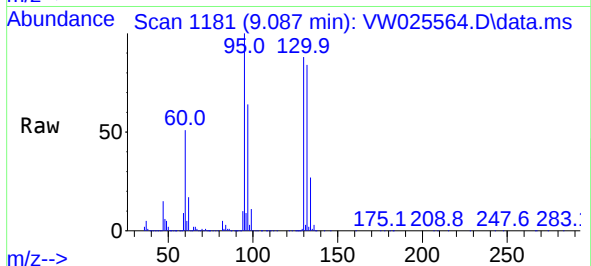


#34
Trichloroethene
Concen: 25.191 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

Tgt Ion: 95 Resp: 285862

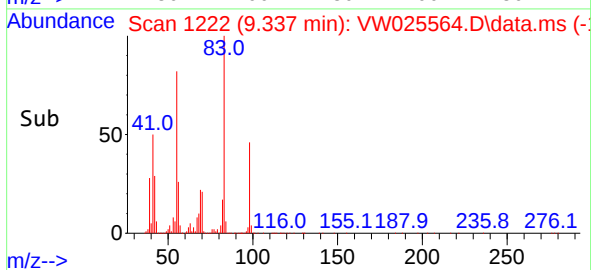
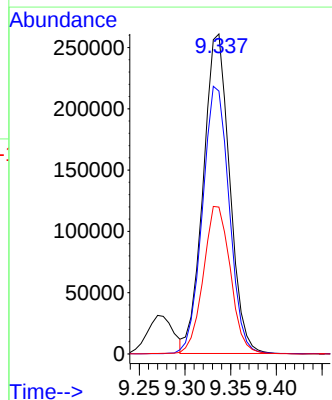
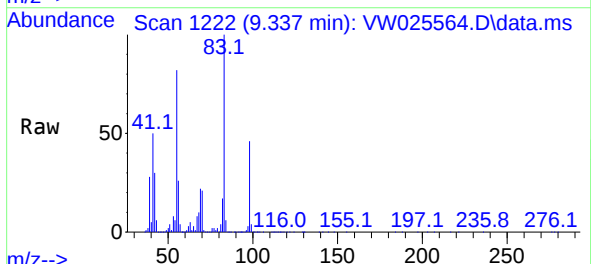
Ion	Ratio	Lower	Upper
95	100		
97	63.8	42.5	78.9
132	84.0	59.8	111.1
130	88.4	65.7	122.1

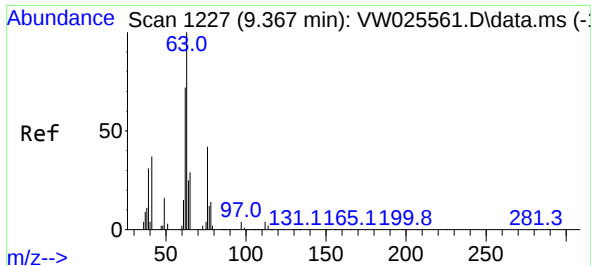


#35
Methylcyclohexane
Concen: 25.559 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 83 Resp: 523716

Ion	Ratio	Lower	Upper
83	100		
55	84.8	68.7	103.1
98	47.7	37.7	56.5





#37

1,2-Dichloropropane

Concen: 26.453 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025564.D

Acq: 07 Apr 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :

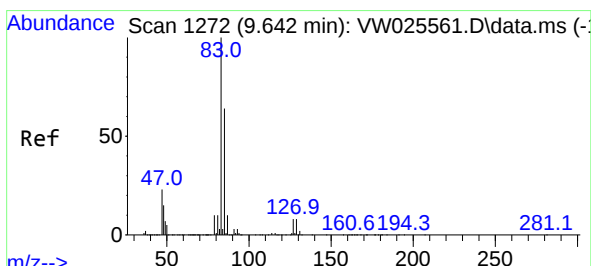
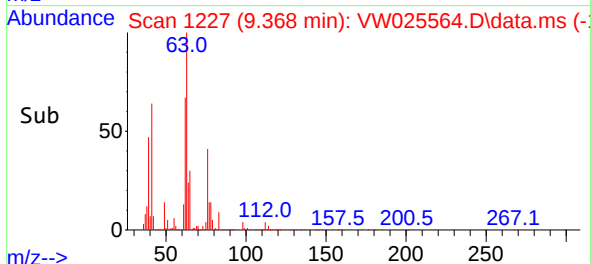
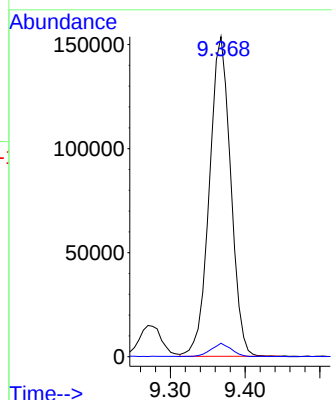
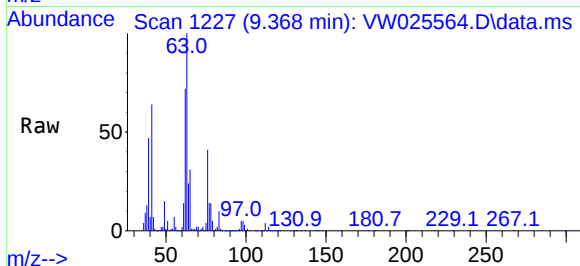
VSTD025566

Tgt Ion: 63 Resp: 304784

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 26.580 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025564.D

Acq: 07 Apr 2023 12:32

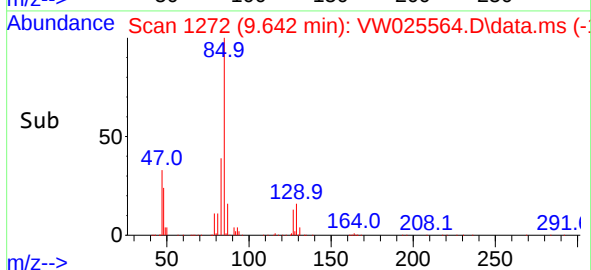
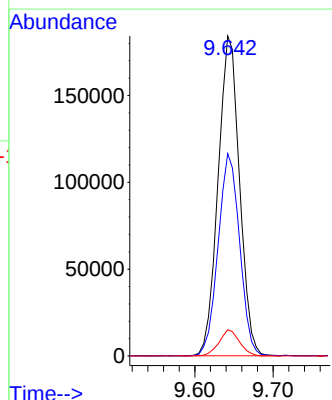
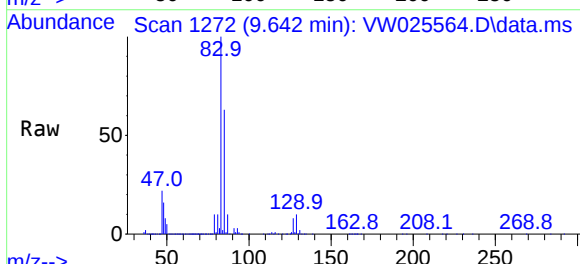
Tgt Ion: 83 Resp: 350389

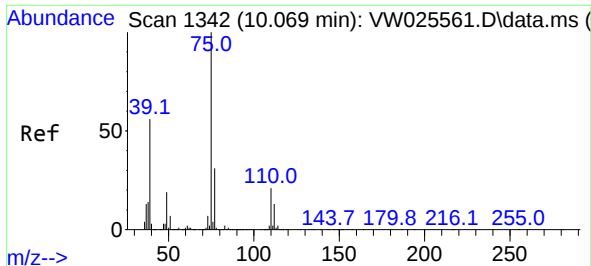
Ion Ratio Lower Upper

83 100

85 63.3 43.5 80.7

127 8.2 5.8 8.8

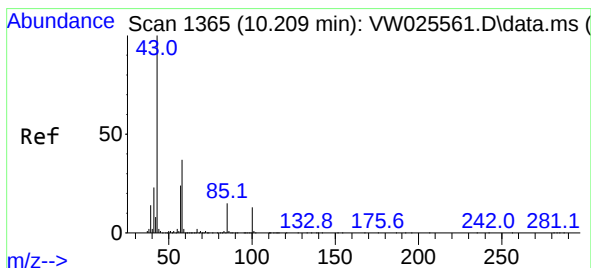
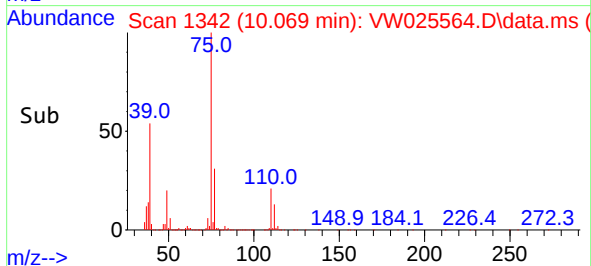
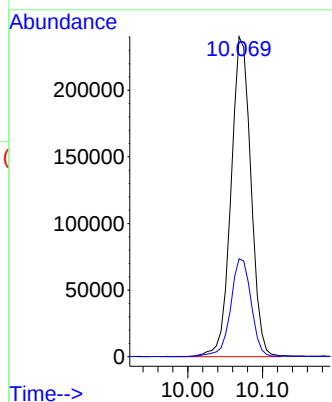
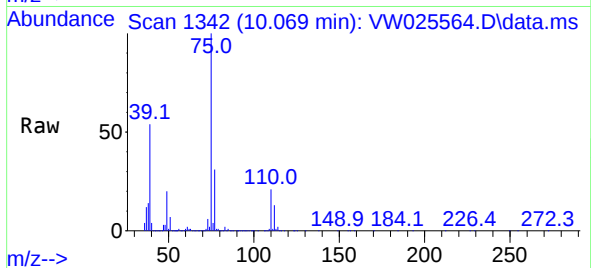




#39
cis-1,3-Dichloropropene
Concen: 26.872 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

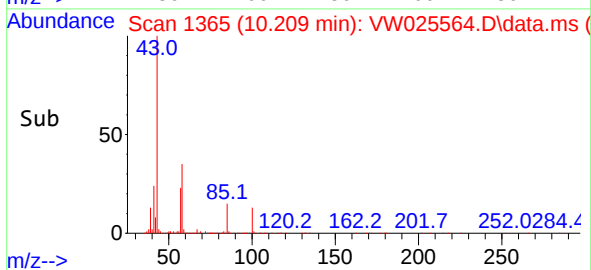
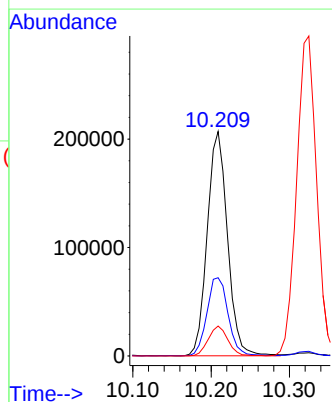
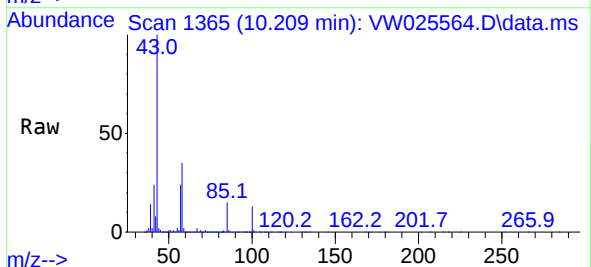
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

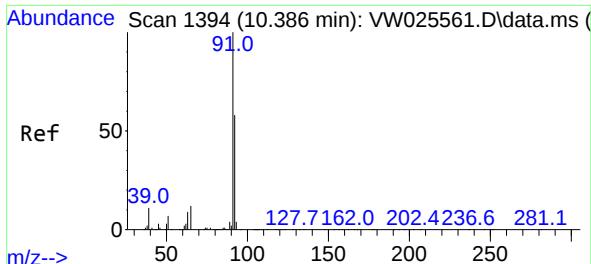
Tgt Ion: 75 Resp: 444116
Ion Ratio Lower Upper
75 100
77 30.6 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 56.953 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 43 Resp: 371422
Ion Ratio Lower Upper
43 100
58 36.7 29.2 43.8
100 13.0 10.2 15.4

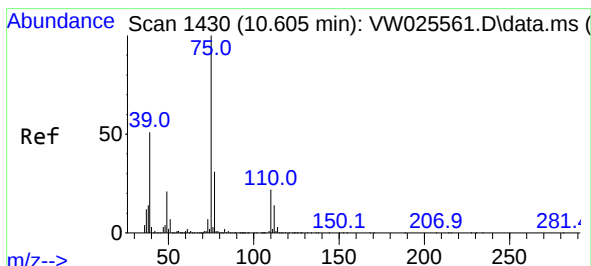
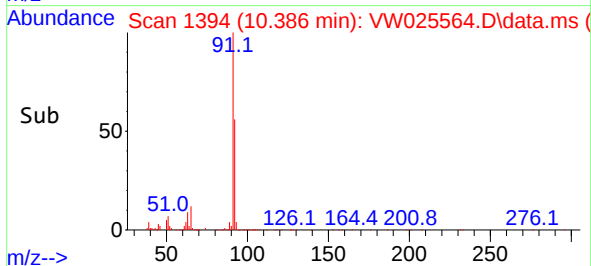
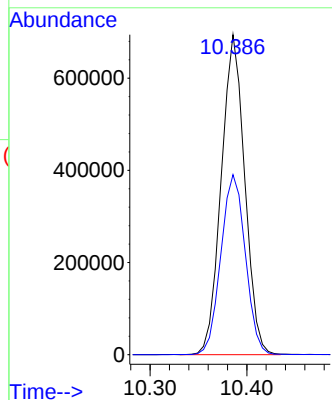
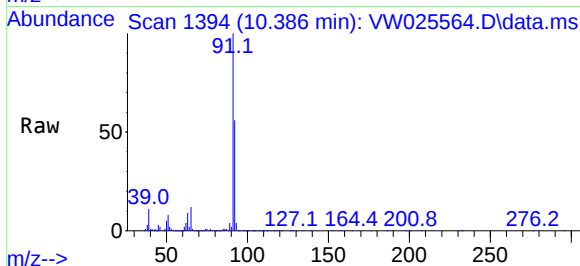




#42
Toluene
Concen: 26.294 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

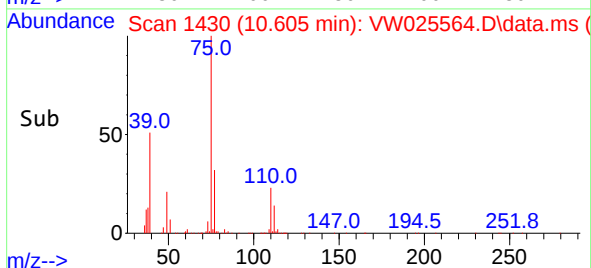
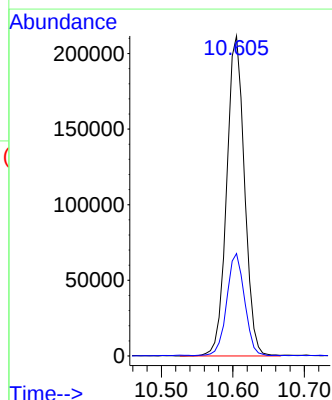
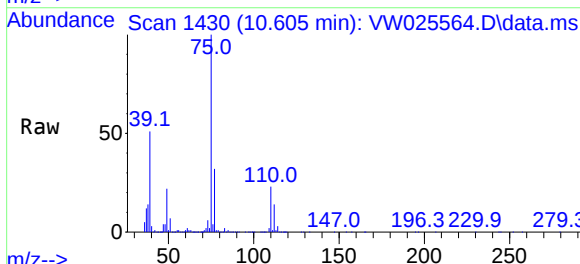
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

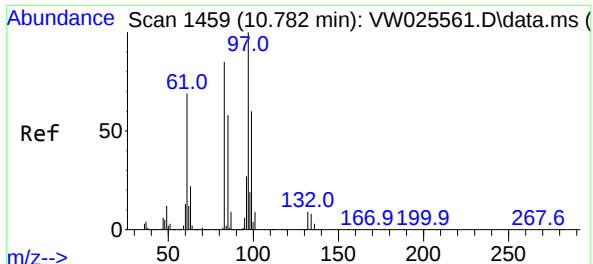
Tgt Ion: 91 Resp: 1168049
Ion Ratio Lower Upper
91 100
92 56.3 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 26.857 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 75 Resp: 366020
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.9



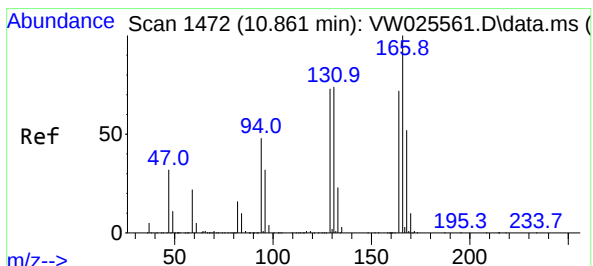
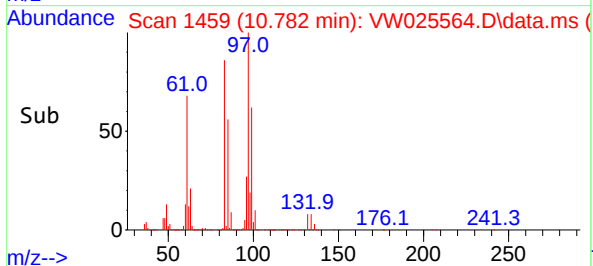
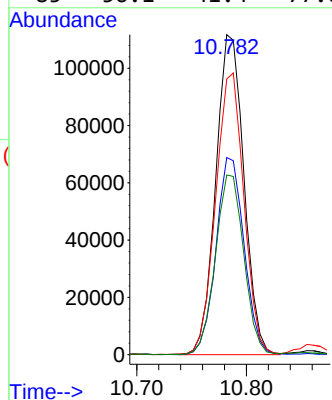
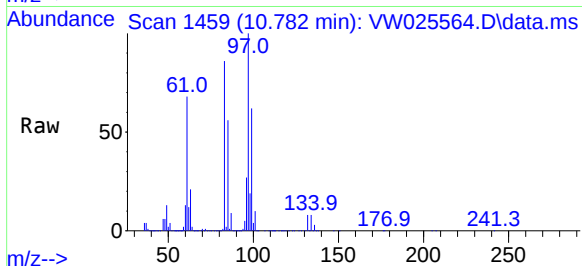


#45
1,1,2-Trichloroethane
Concen: 27.162 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

Tgt Ion: 97 Resp: 199544

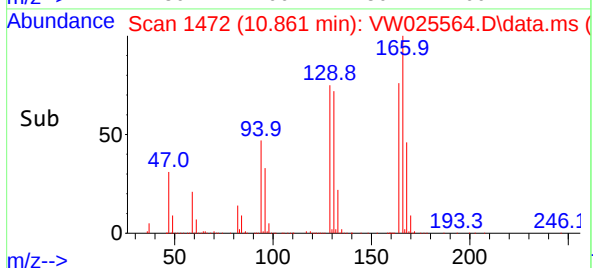
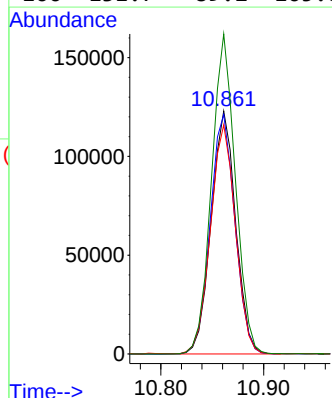
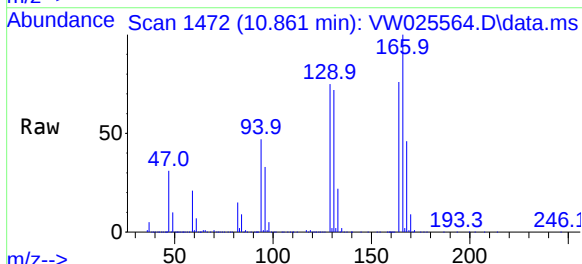
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.8	81.3
83	86.2	61.8	114.8
85	56.1	41.4	77.0

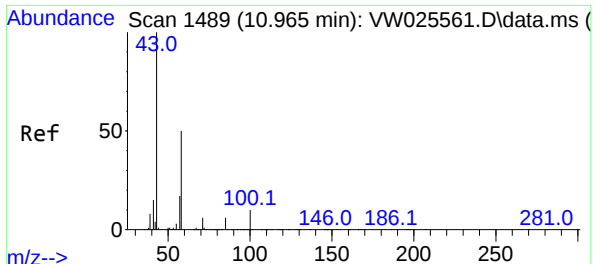


#46
Tetrachloroethene
Concen: 25.454 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 164 Resp: 203143

Ion	Ratio	Lower	Upper
164	100		
129	98.6	76.9	142.9
131	94.3	70.5	130.9
166	131.7	89.2	165.8



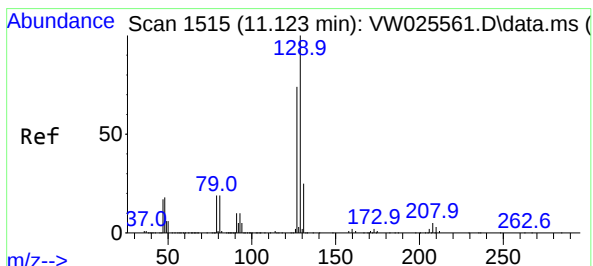
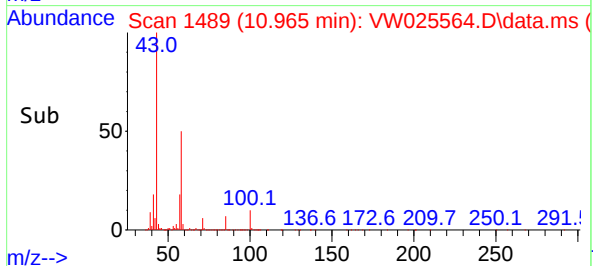
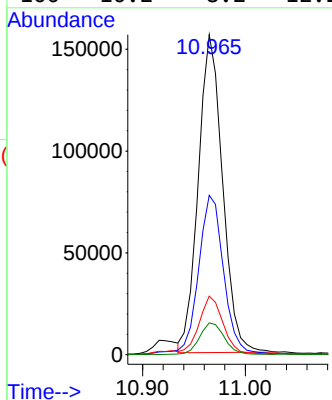
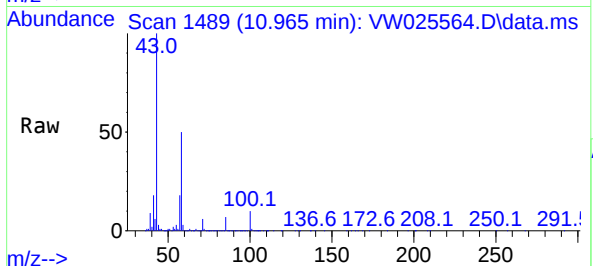


#48
2-Hexanone
Concen: 56.958 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

Tgt Ion: 43 Resp: 256650

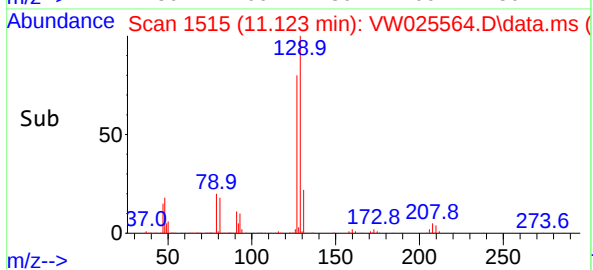
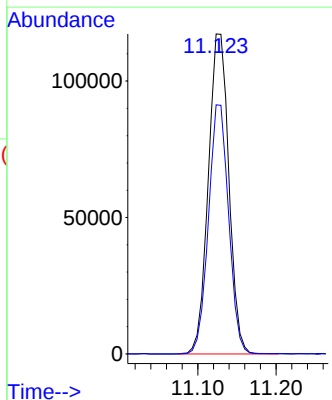
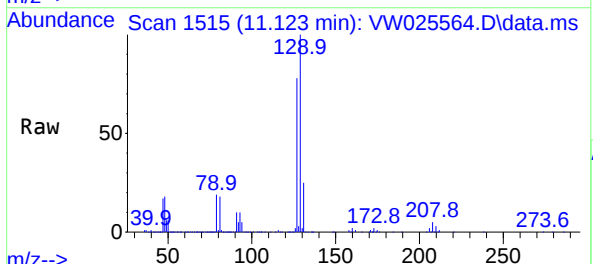
Ion	Ratio	Lower	Upper
43	100		
58	52.6	38.6	57.8
57	18.3	13.9	20.9
100	10.2	8.2	12.2

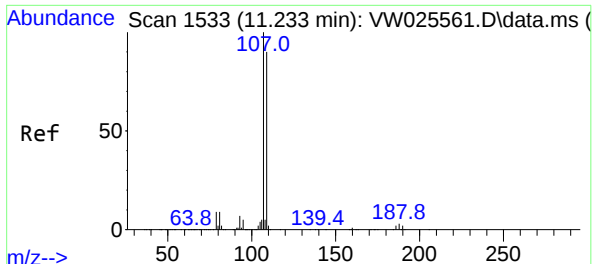


#49
Dibromochloromethane
Concen: 27.619 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 129 Resp: 213629

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.0	100.2

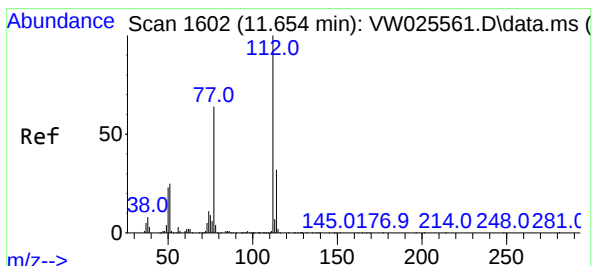
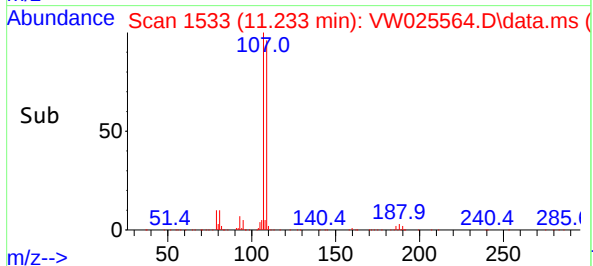
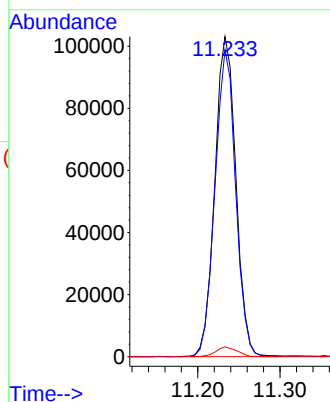
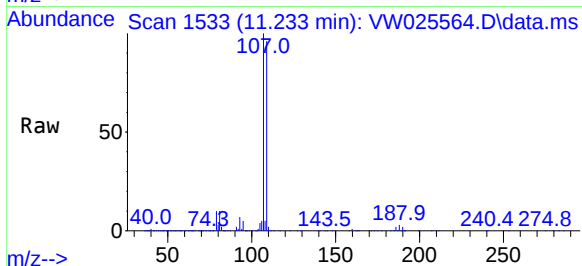




#50
1,2-Dibromoethane
Concen: 27.140 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

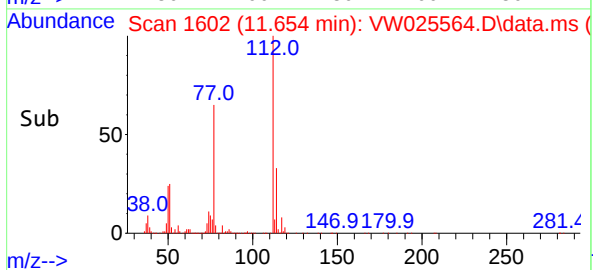
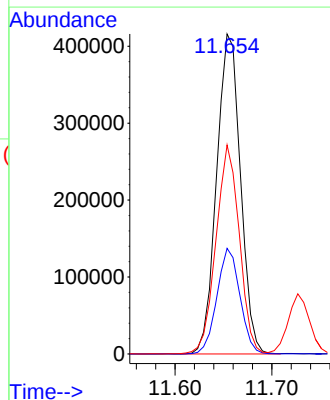
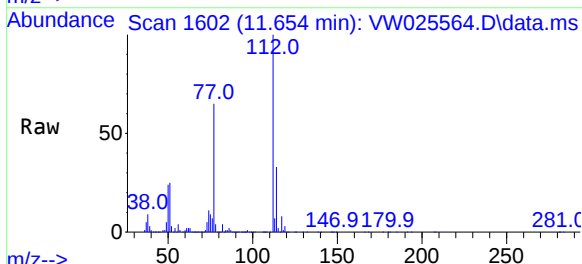
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

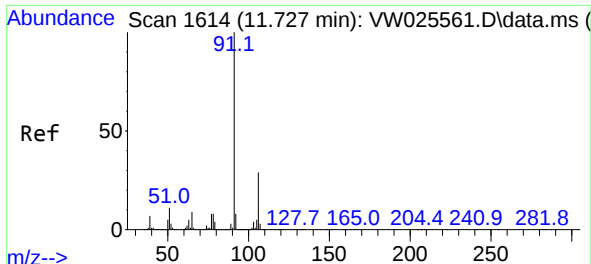
Tgt Ion:	107	Resp:	183195
Ion	Ratio	Lower	Upper
107	100		
109	95.9	64.1	119.1
188	3.1	2.8	4.2



#51
Chlorobenzene
Concen: 26.043 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion:	112	Resp:	712912
Ion	Ratio	Lower	Upper
112	100		
114	33.0	21.6	40.2
77	65.3	50.2	75.2

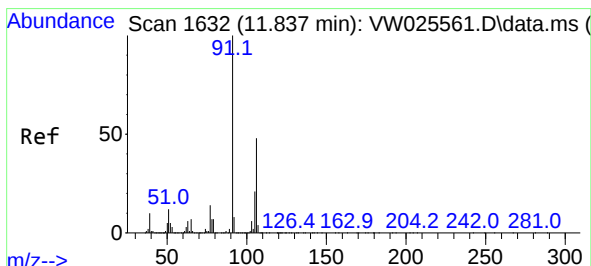
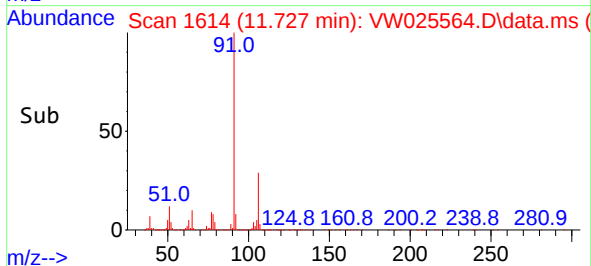
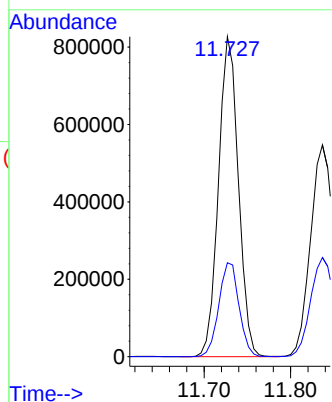
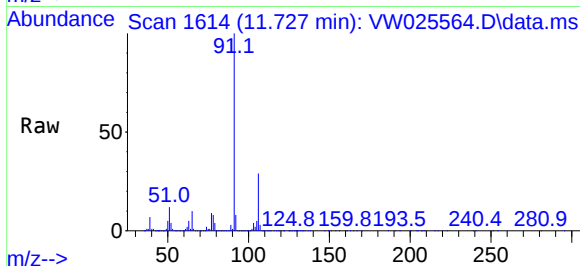




#52
Ethylbenzene
Concen: 26.230 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

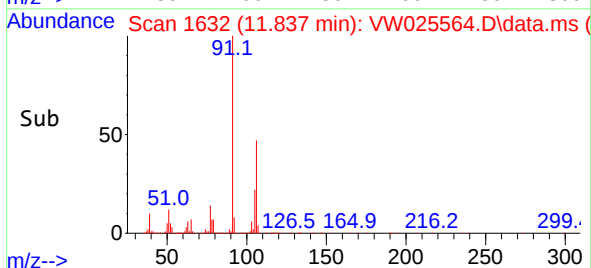
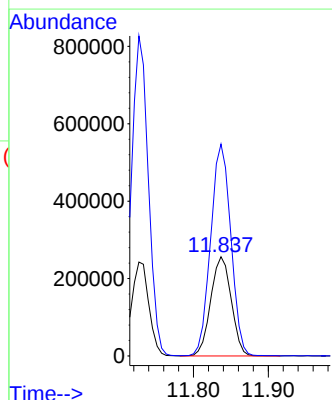
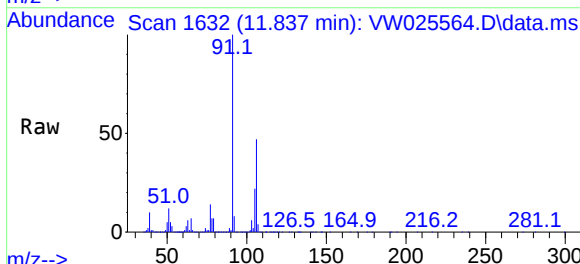
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

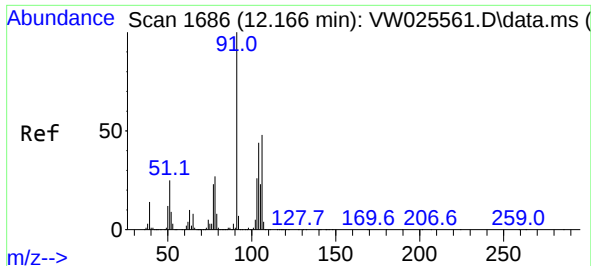
Tgt Ion: 91 Resp: 1318615
Ion Ratio Lower Upper
91 100
106 29.4 20.3 37.7



#53
m,p-Xylene
Concen: 26.529 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion:106 Resp: 489072
Ion Ratio Lower Upper
106 100
91 213.5 148.0 274.8

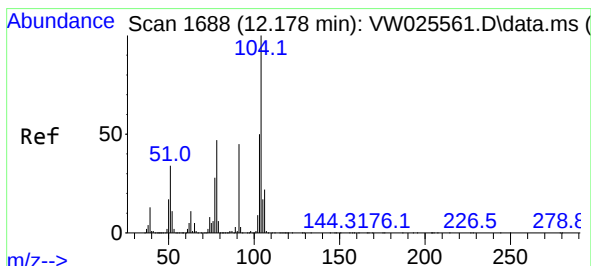
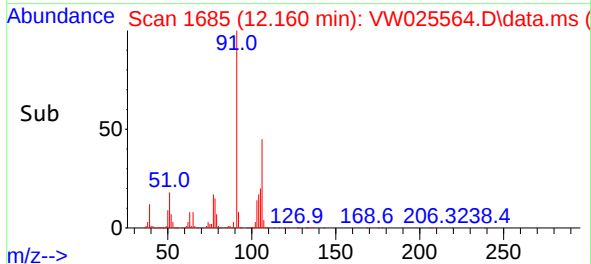
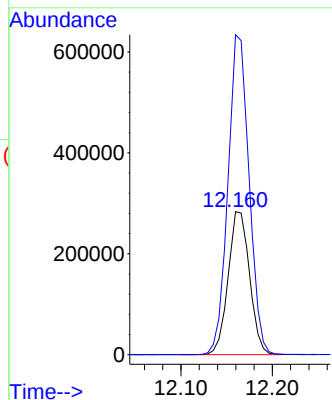
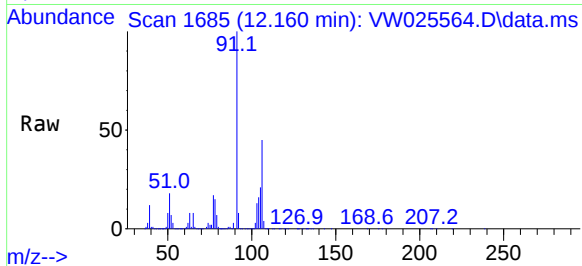




#54
o-Xylene
Concen: 26.763 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

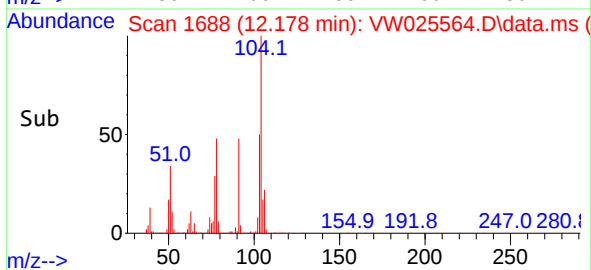
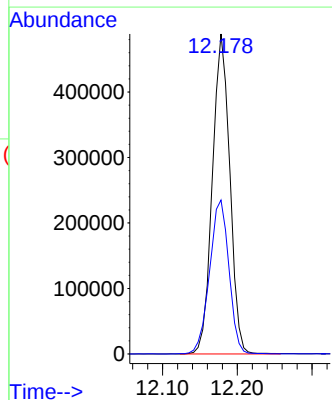
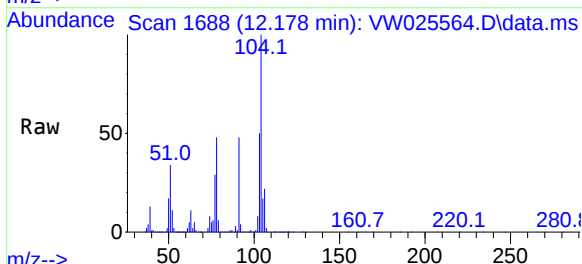
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

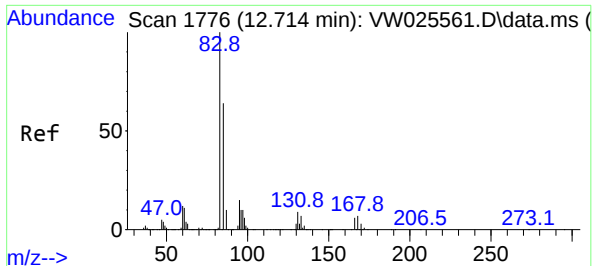
Tgt Ion:106 Resp: 461561
Ion Ratio Lower Upper
106 100
91 223.6 158.2 293.8



#55
Styrene
Concen: 27.273 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion:104 Resp: 791705
Ion Ratio Lower Upper
104 100
78 48.1 33.3 61.9

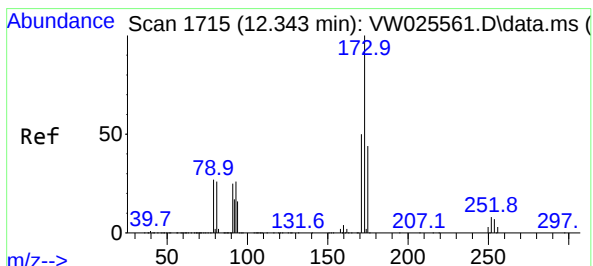
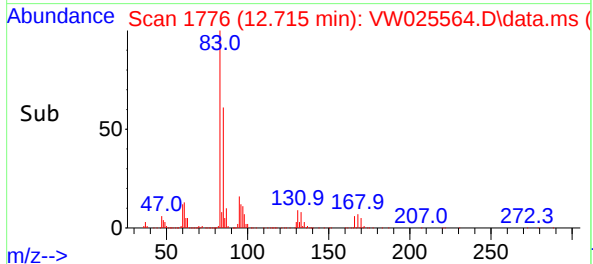
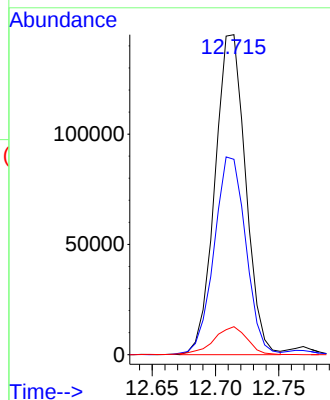
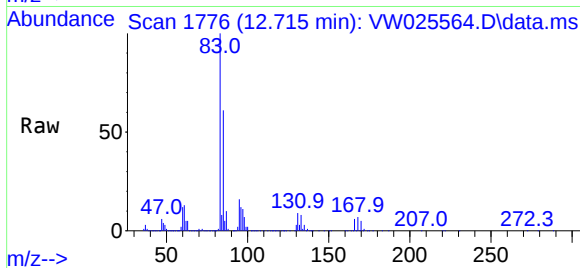




#57
1,1,2,2-Tetrachloroethane
Concen: 27.778 ug/L
RT: 12.715 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

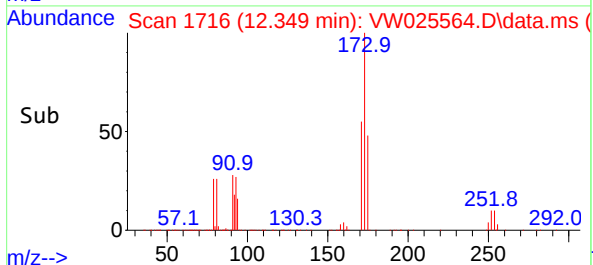
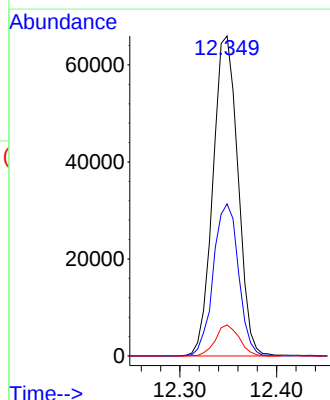
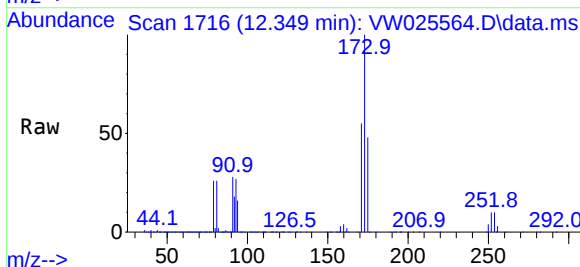
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

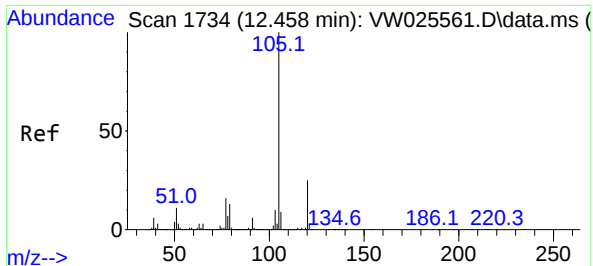
Tgt Ion: 83 Resp: 244436
Ion Ratio Lower Upper
83 100
85 61.1 43.5 80.7
131 8.7 7.0 10.4



#59
Bromoform
Concen: 28.156 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion:173 Resp: 118635
Ion Ratio Lower Upper
173 100
175 47.7 36.1 54.1
254 9.3 7.0 10.6

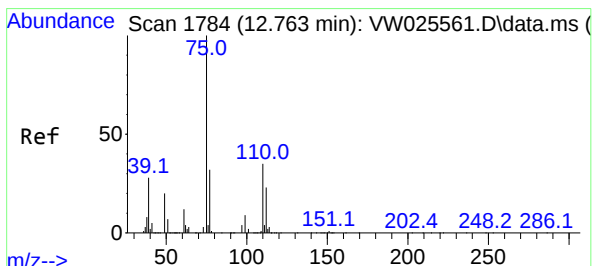
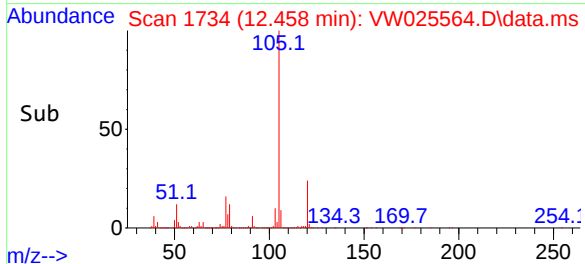
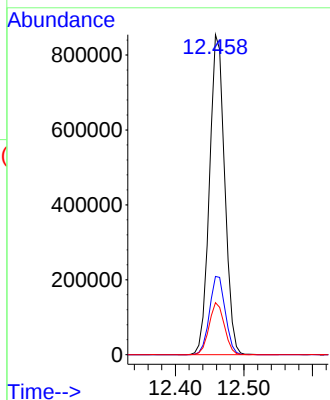
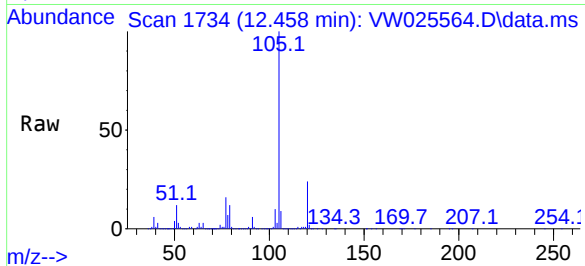




#60
Isopropylbenzene
Concen: 27.342 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

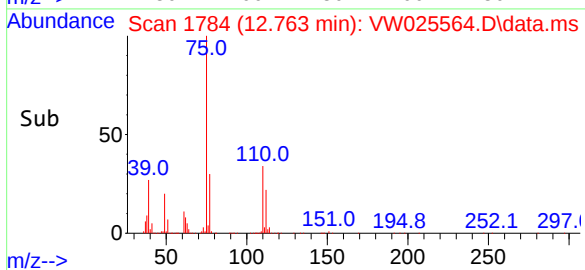
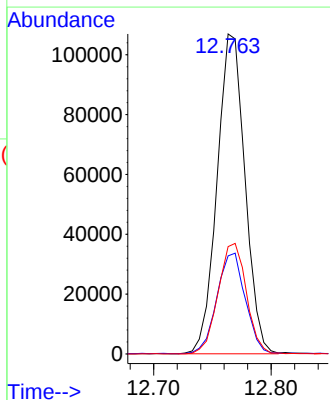
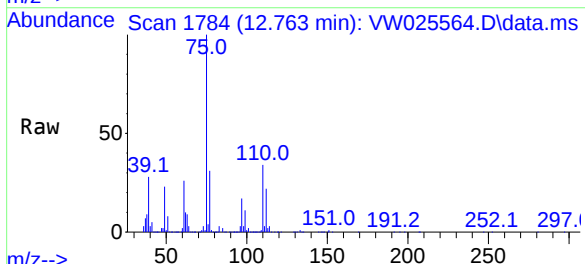
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

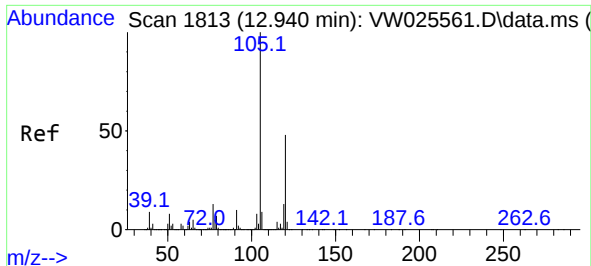
Tgt Ion:105 Resp: 1316969
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 27.674 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion: 75 Resp: 176356
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
110 35.1 29.0 43.6

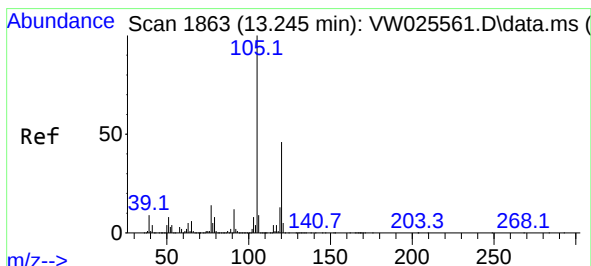
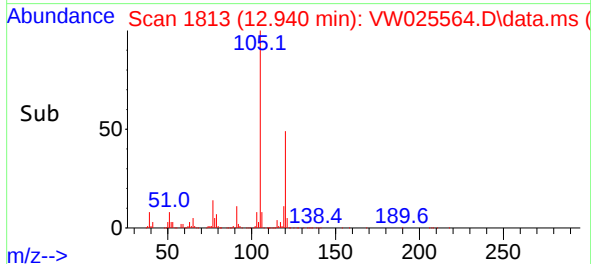
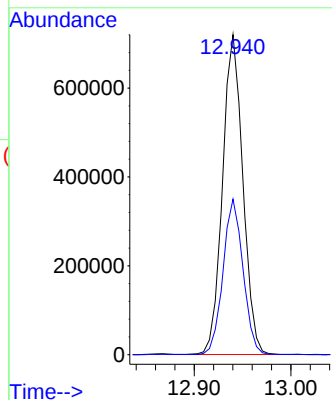
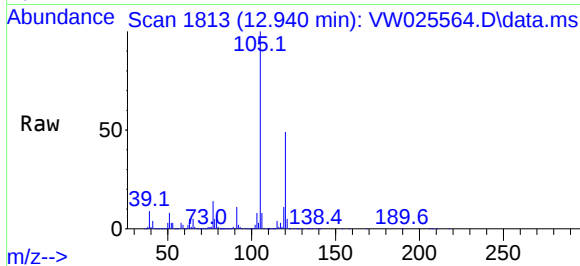




#62
1,3,5-Trimethylbenzene
Concen: 27.601 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

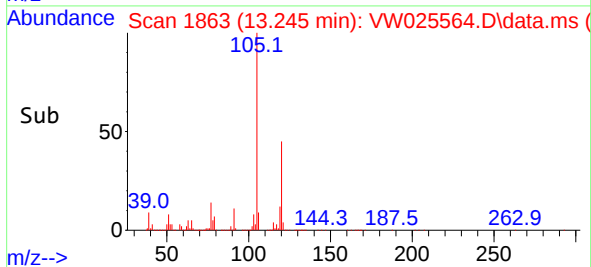
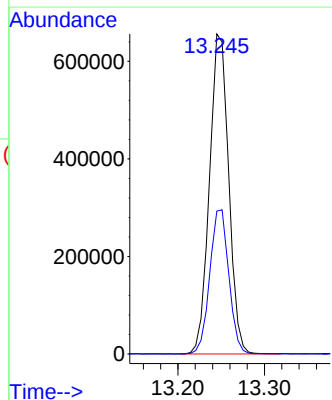
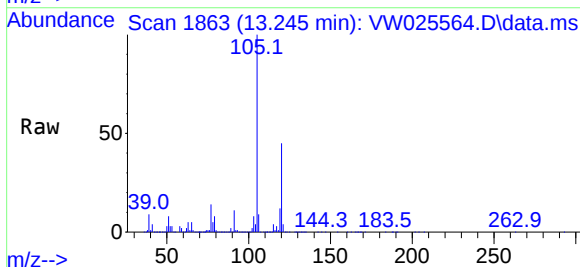
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

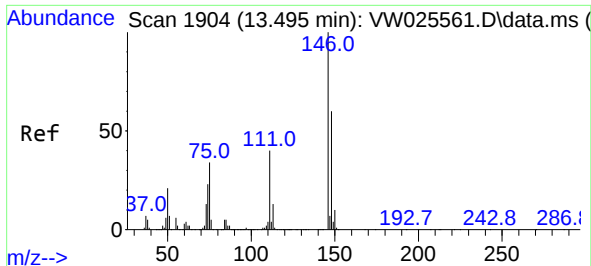
Tgt Ion:105 Resp: 1049464
Ion Ratio Lower Upper
105 100
120 47.7 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 27.610 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion:105 Resp: 1010848
Ion Ratio Lower Upper
105 100
120 44.7 34.8 52.2

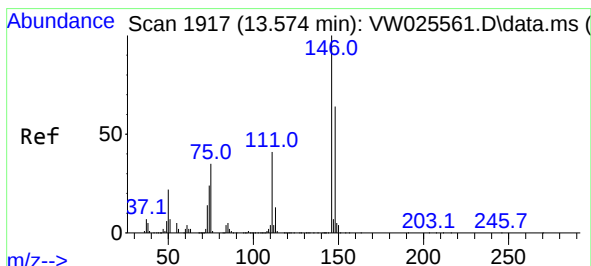
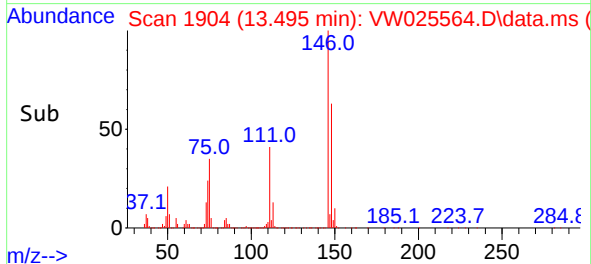
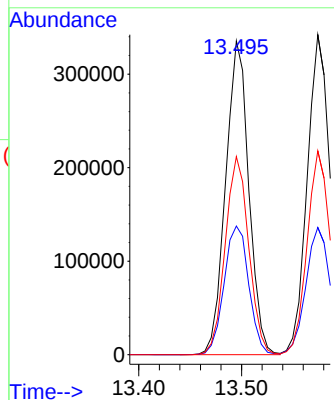
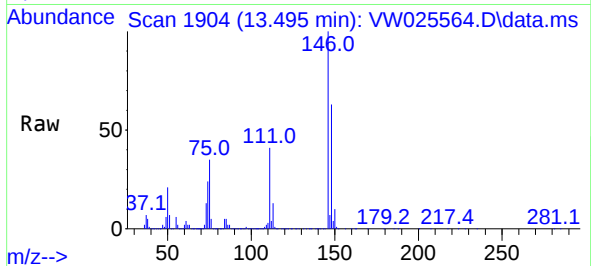




#64
1,3-Dichlorobenzene
Concen: 26.336 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

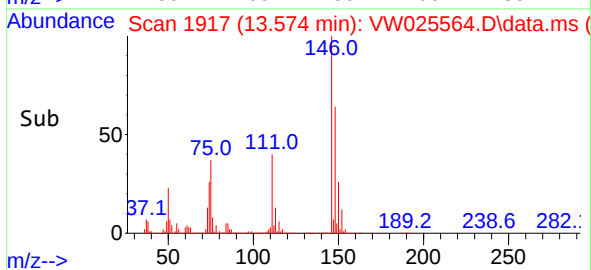
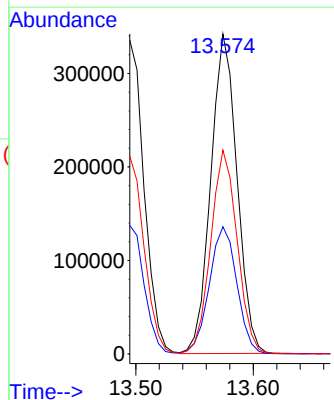
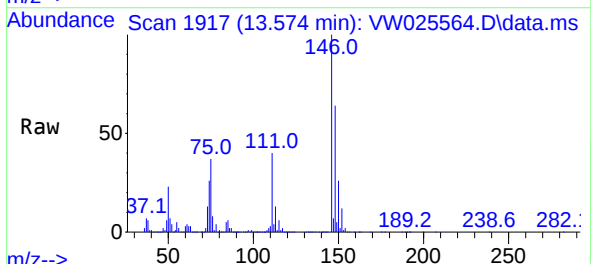
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

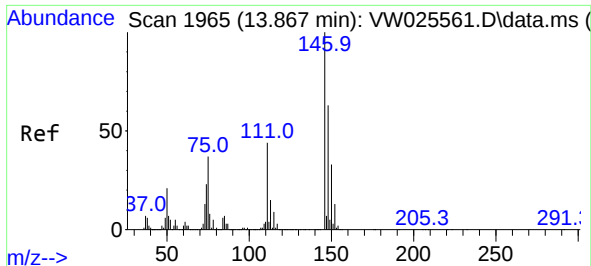
Tgt Ion:146 Resp: 525672
Ion Ratio Lower Upper
146 100
111 41.0 29.7 55.1
148 63.1 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 26.039 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion:146 Resp: 530796
Ion Ratio Lower Upper
146 100
111 39.8 30.4 56.5
148 63.7 48.6 90.3

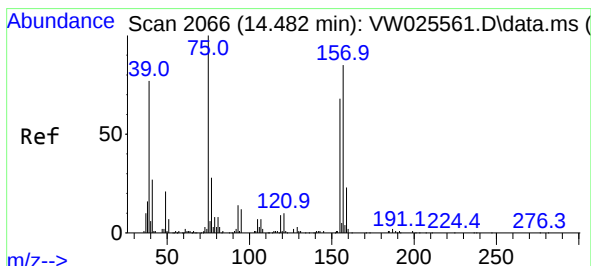
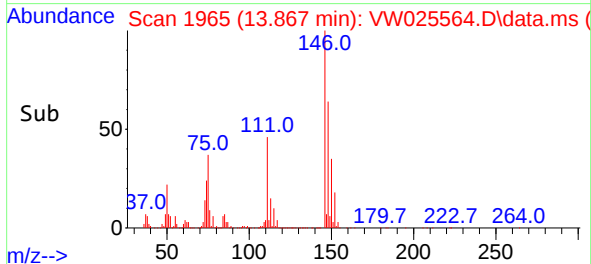
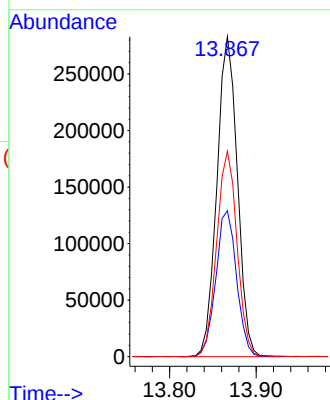
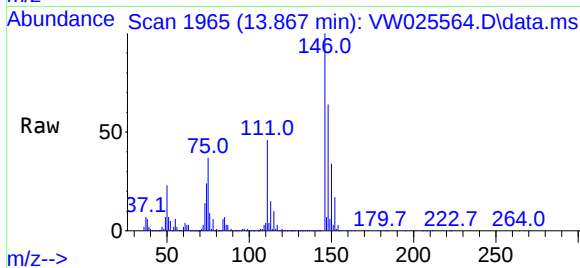




#67
1,2-Dichlorobenzene
Concen: 26.580 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

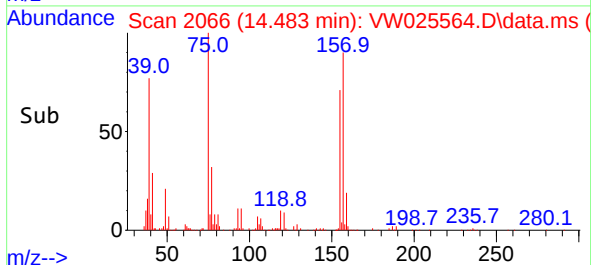
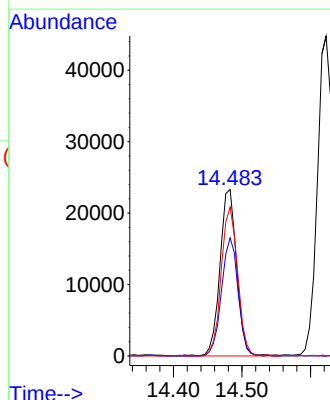
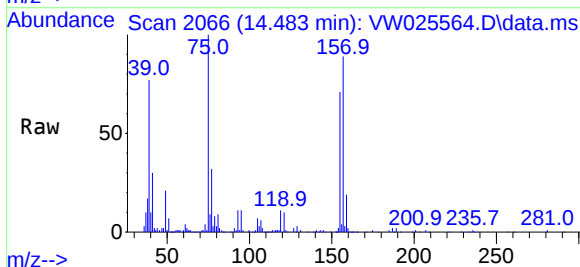
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

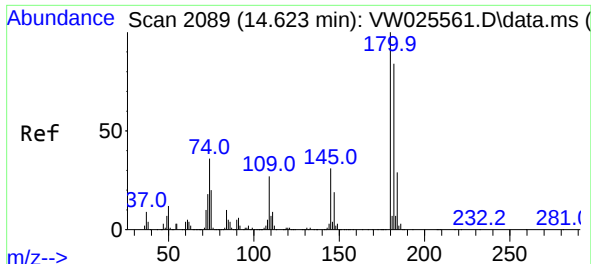
Tgt Ion:	146	Resp:	465118
Ion	Ratio	Lower	Upper
146	100		
111	45.6	35.3	52.9
148	64.2	47.9	71.9



#68
1,2-Dibromo-3-chloropropane
Concen: 28.147 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion:	75	Resp:	39348
Ion	Ratio	Lower	Upper
75	100		
155	71.0	61.1	91.7
157	89.5	72.8	109.2





#69

1,3,5-Trichlorobenzene

Concen: 25.687 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW025564.D

Acq: 07 Apr 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

Tgt Ion:180 Resp: 343269

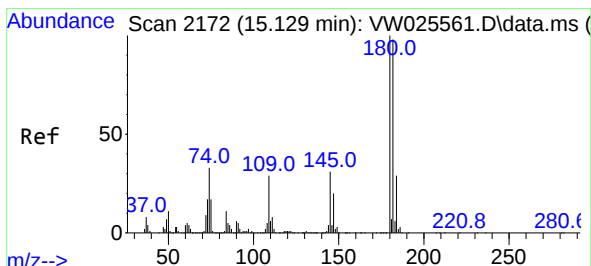
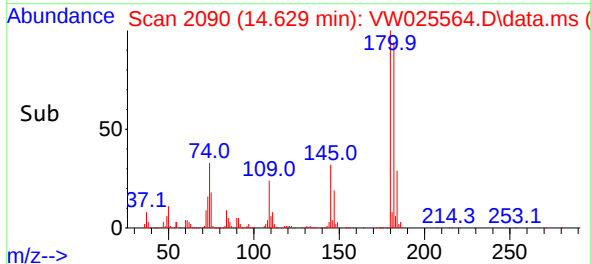
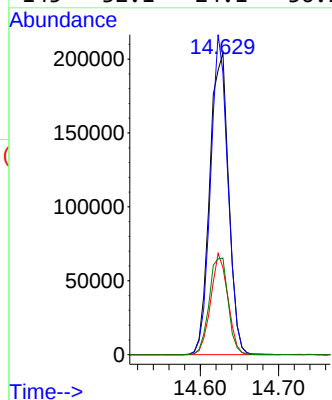
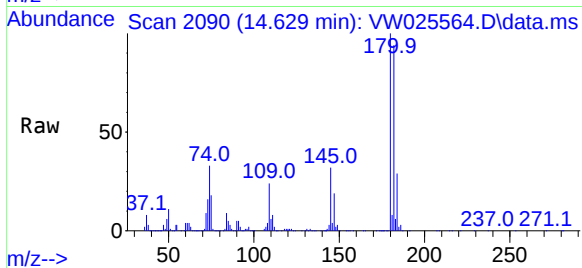
Ion Ratio Lower Upper

180 100

182 96.7 76.4 114.6

184 30.3 24.1 36.1

145 32.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 27.460 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025564.D

Acq: 07 Apr 2023 12:32

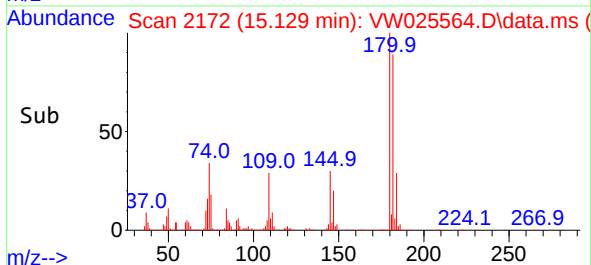
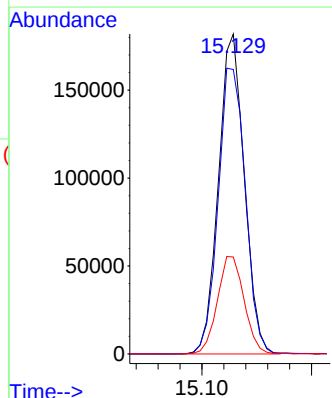
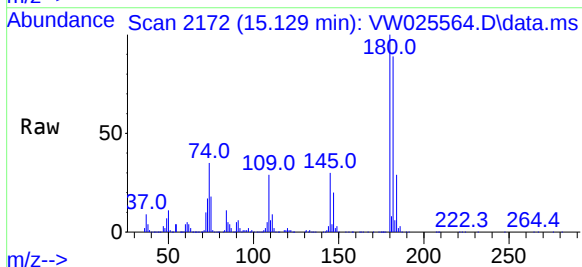
Tgt Ion:180 Resp: 298098

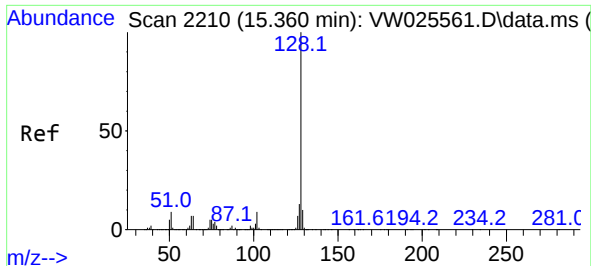
Ion Ratio Lower Upper

180 100

182 94.1 79.5 119.3

145 31.5 27.4 41.0

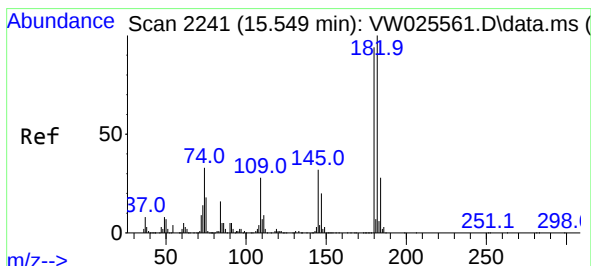
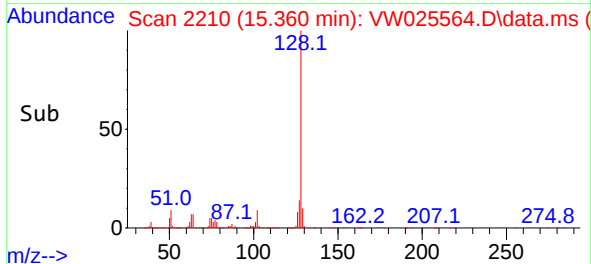
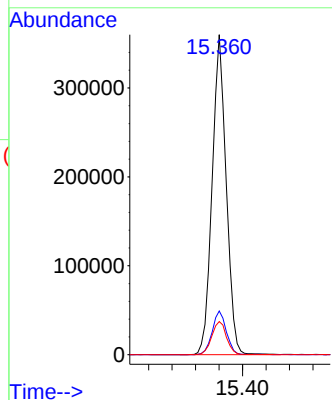
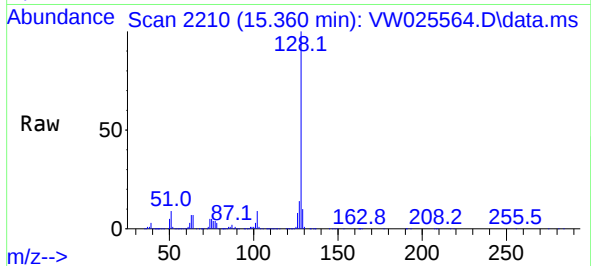




#71
Naphthalene
Concen: 29.476 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

Tgt Ion:128 Resp: 597079
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 27.518 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW025564.D
Acq: 07 Apr 2023 12:32

Tgt Ion:180 Resp: 261186
Ion Ratio Lower Upper
180 100
182 98.0 72.9 109.3
145 34.5 27.0 40.6

