

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020323\
 Data File : VW025266.D
 Acq On : 03 Feb 2023 09:06
 Operator : SY/MD
 Sample : VSTD02521
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025421

Quant Time: Feb 03 11:16:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:15:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	418806	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	268426	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	179778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	96326	23.768	ug/L	0.00
7) Chloroethane-d5	2.898	69	80625	22.405	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	261690	23.287	ug/L	0.00
21) 2-Butanone-d5	7.086	46	45390	43.287	ug/L	0.00
24) Chloroform-d	7.653	84	250313	22.803	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	123150	23.032	ug/L	0.00
32) Benzene-d6	8.275	84	497002	30.549	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	139127	29.228	ug/L	0.00
41) Toluene-d8	10.323	98	376922	25.919	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	47700	26.818	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	30181	56.550	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	95397	29.470	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	139127	22.305	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.020	85	101696	20.368	ug/L	97
3) Chloromethane	2.221	50	137482	25.317	ug/L	100
5) Vinyl chloride	2.373	62	146113	26.374	ug/L	95
6) Bromomethane	2.794	94	93726	24.709	ug/L	98
8) Chloroethane	2.934	64	86535	25.021	ug/L	99
9) Trichlorofluoromethane	3.269	101	199565	25.043	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	151691	26.252	ug/L	99
12) 1,1-Dichloroethene	4.044	96	145633	25.389	ug/L	93
13) Acetone	4.141	43	52130	45.345	ug/L	100
14) Carbon disulfide	4.391	76	475907	25.389	ug/L	99
15) Methyl Acetate	4.672	43	45785	26.476	ug/L	99
16) Methylene chloride	4.922	84	150886	21.164	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	152556	24.765	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	219761	24.817	ug/L	99
19) 1,1-Dichloroethane	6.220	63	274299	25.007	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	161136	24.913	ug/L	96
22) 2-Butanone	7.177	43	63388	46.832	ug/L	100
23) Bromochloromethane	7.513	128	66936	25.125	ug/L	94
25) Chloroform	7.677	83	278231	24.660	ug/L	98
27) 1,2-Dichloroethane	8.396	62	176604	25.700	ug/L	98
29) Cyclohexane	7.958	56	262931	34.014	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	255255	33.525	ug/L	100
31) Carbon tetrachloride	8.073	117	235549	33.443	ug/L	98
33) Benzene	8.323	78	617146	33.223	ug/L	100
34) Trichloroethene	9.091	95	168606	32.405	ug/L	98
35) Methylcyclohexane	9.335	83	301960	32.513	ug/L	99
37) 1,2-Dichloropropane	9.366	63	148445	32.402	ug/L	100
38) Bromodichloromethane	9.646	83	194782	31.974	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	243584	32.472	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	126707	62.638	ug/L	99
42) Toluene	10.390	91	582480	31.533	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	164895	30.838	ug/L	97

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

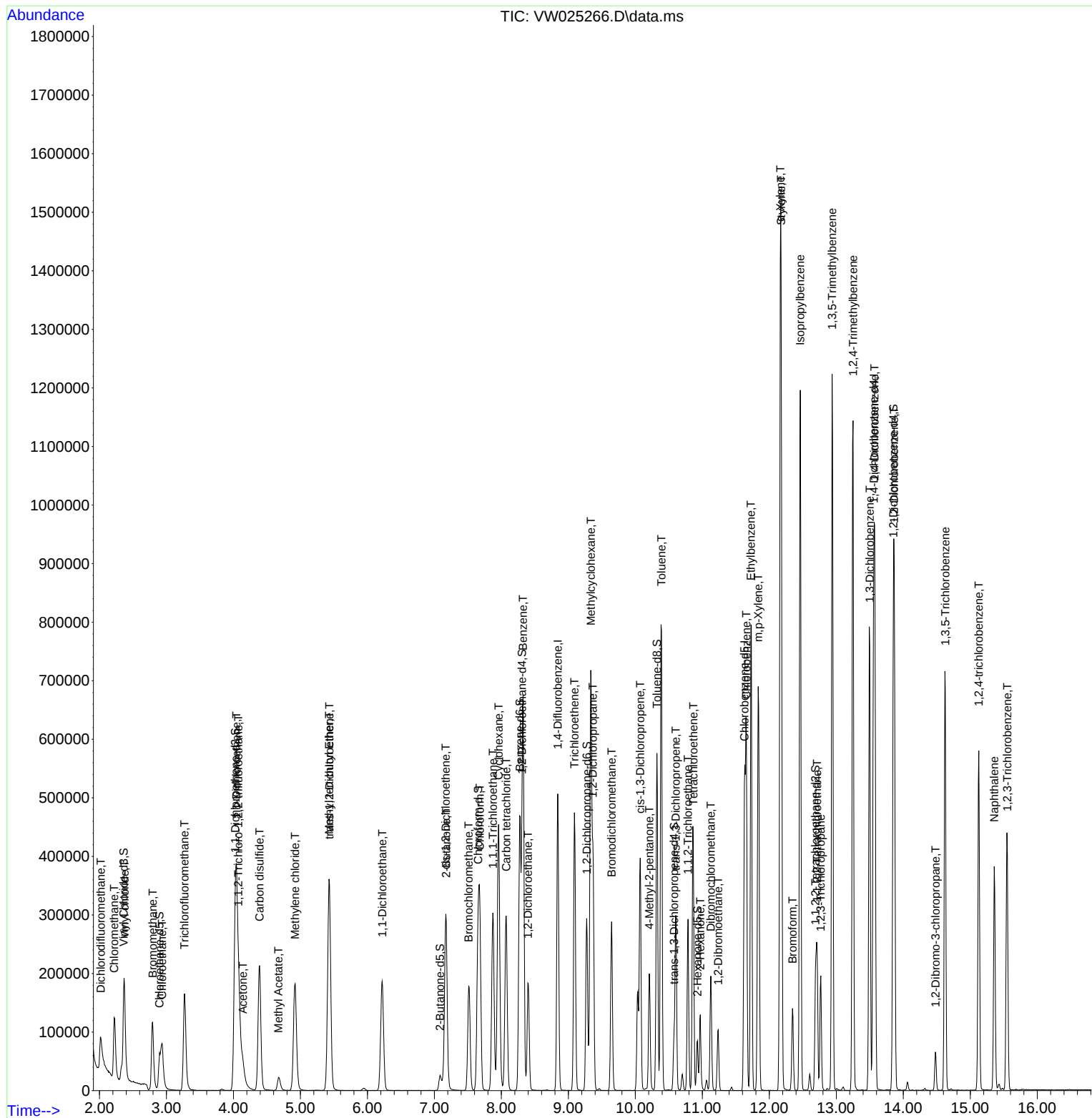
45) 1,1,2-Trichloroethane	10.786	97	83331	28.860	ug/L	93
46) Tetrachloroethene	10.866	164	94939	28.551	ug/L	94
48) 2-Hexanone	10.969	43	75810	59.375	ug/L	99
49) Dibromochloromethane	11.128	129	99965	30.653	ug/L	99
50) 1,2-Dibromoethane	11.237	107	70006	26.467	ug/L #	99
51) Chlorobenzene	11.658	112	306272	25.194	ug/L	99
52) Ethylbenzene	11.725	91	573021	25.890	ug/L	99
53) m,p-Xylene	11.835	106	221894	26.454	ug/L	100
54) o-Xylene	12.164	106	274197	32.473	ug/L	98
55) Styrene	12.176	104	468734	32.785	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	111308	32.354	ug/L	98
59) Bromoform	12.347	173	63160	24.762	ug/L	98
60) Isopropylbenzene	12.463	105	777162	25.526	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	80605	25.217	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	658246	26.818	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	634725	25.808	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	318703	25.266	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	314668	25.279	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	270482	24.882	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18350	24.579	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	207066	25.242	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	167788	25.120	ug/L	96
71) Naphthalene	15.359	128	319208	26.142	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	144804	25.248	ug/L	99

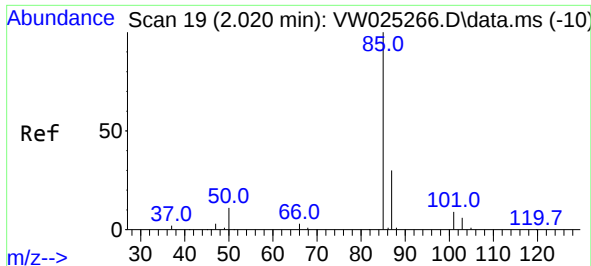
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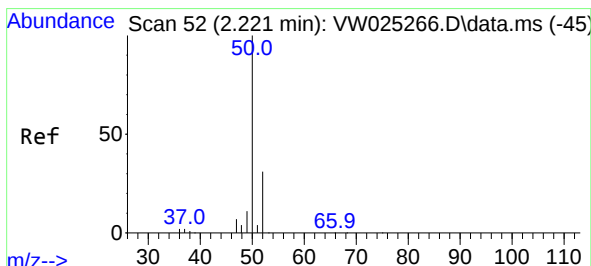
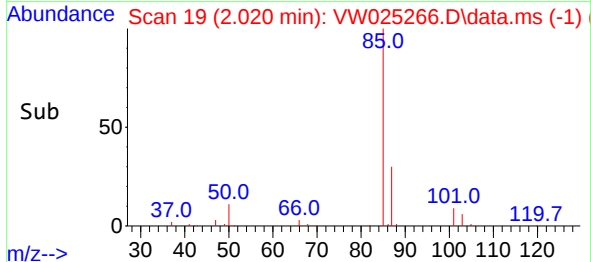
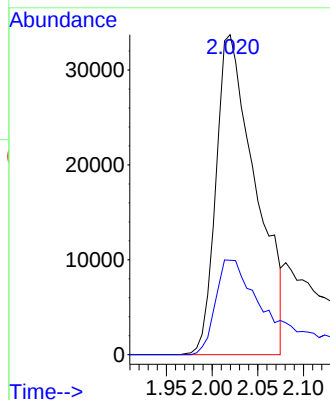
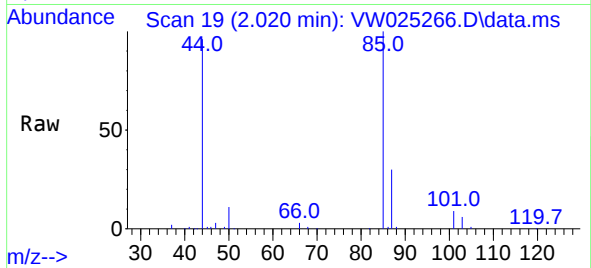




#2
Dichlorodifluoromethane
Concen: 20.368 ug/L
RT: 2.020 min Scan# 19
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

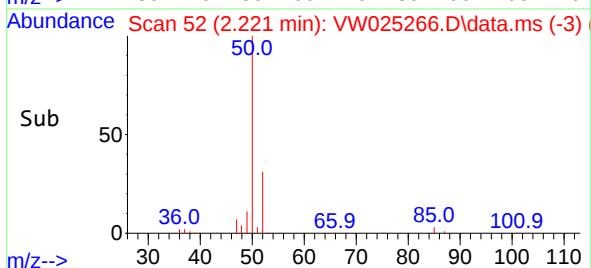
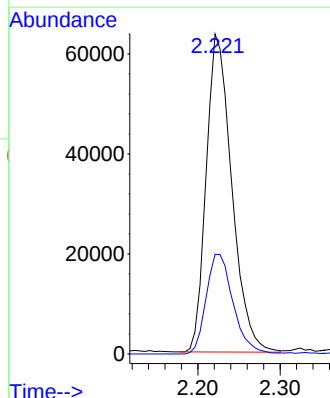
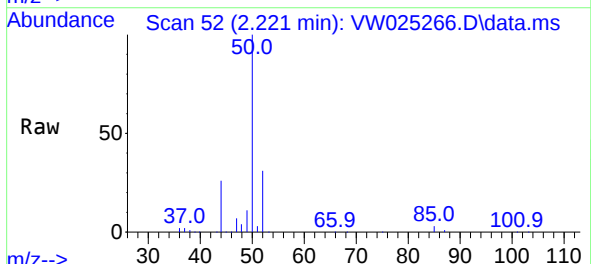
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ClientSampleId :
VSTD025421

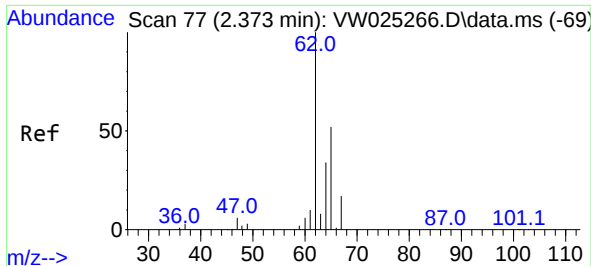
Tgt Ion: 85 Resp: 101696
Ion Ratio Lower Upper
85 100
87 30.5 23.3 34.9



#3
Chloromethane
Concen: 25.317 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion: 50 Resp: 137482
Ion Ratio Lower Upper
50 100
52 31.1 22.0 40.8

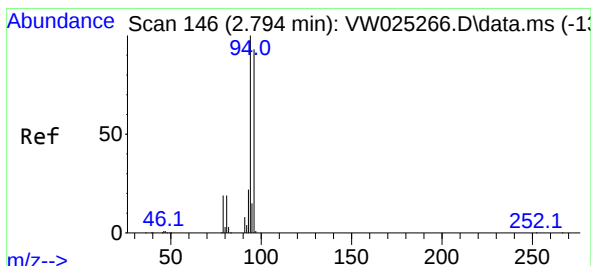
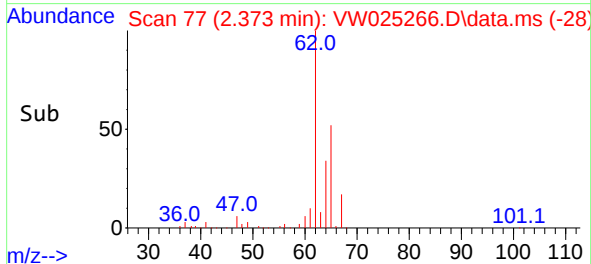
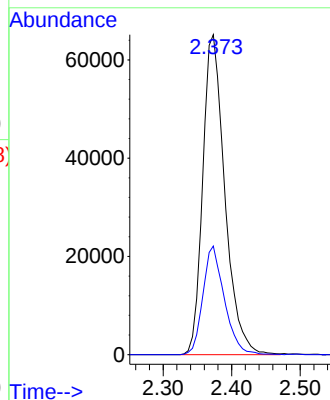
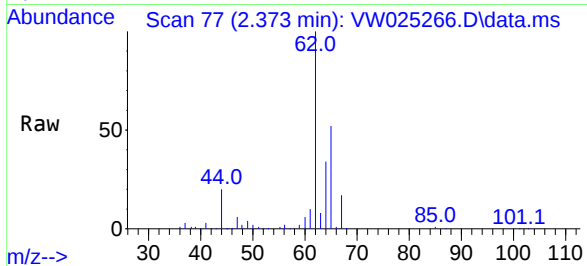




#5
 Vinyl chloride
 Concen: 26.374 ug/L
 RT: 2.373 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW025266.D
 Acq: 03 Feb 2023 09:06

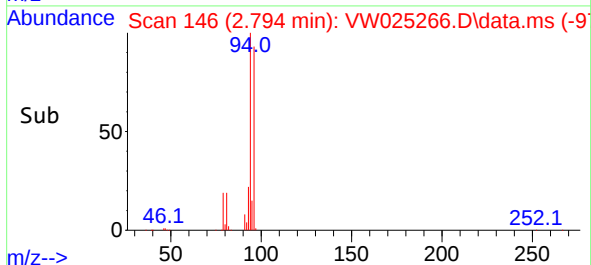
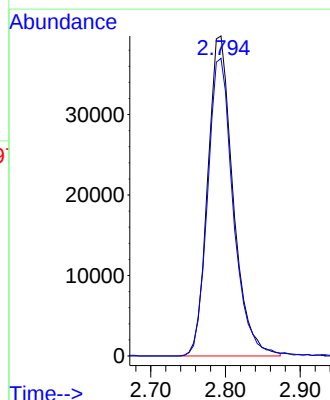
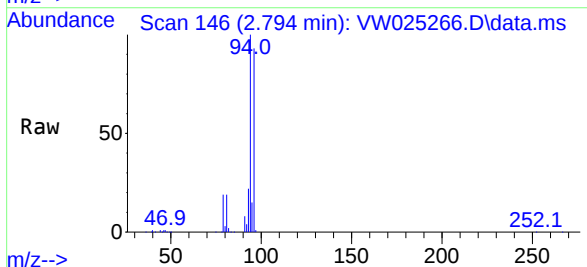
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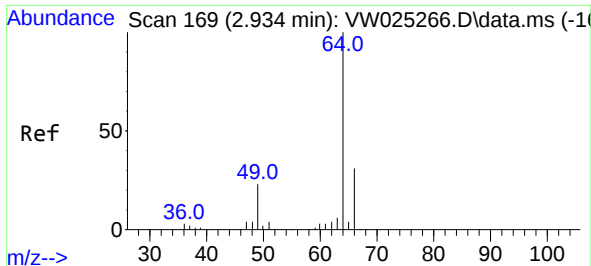
Tgt Ion: 62 Resp: 146113
 Ion Ratio Lower Upper
 62 100
 64 34.0 21.8 40.6



#6
 Bromomethane
 Concen: 24.709 ug/L
 RT: 2.794 min Scan# 146
 Delta R.T. 0.000 min
 Lab File: VW025266.D
 Acq: 03 Feb 2023 09:06

Tgt Ion: 94 Resp: 93726
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.3 123.1

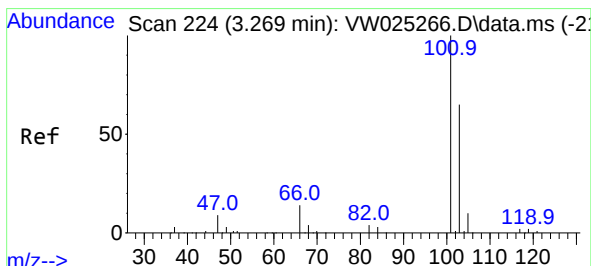
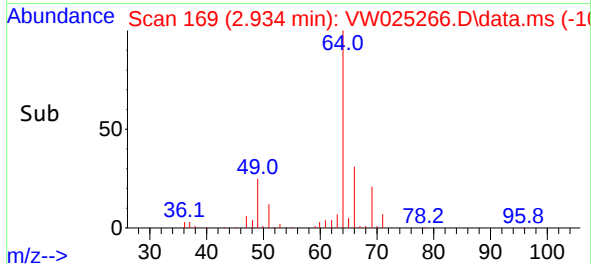
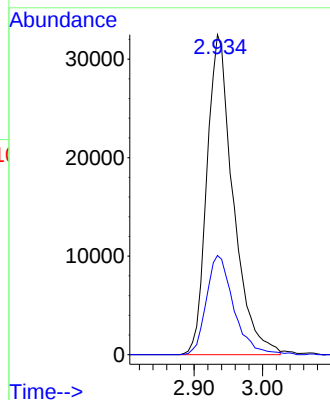
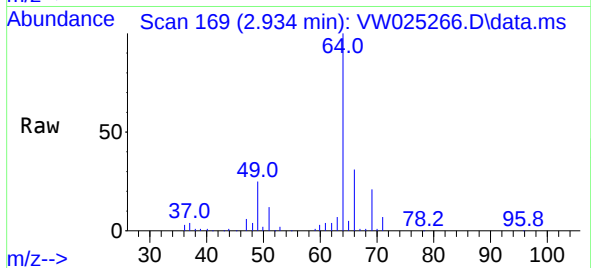




#8
Chloroethane
Concen: 25.021 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

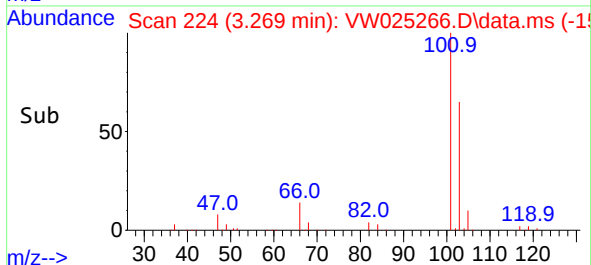
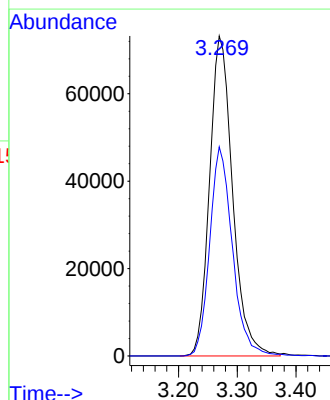
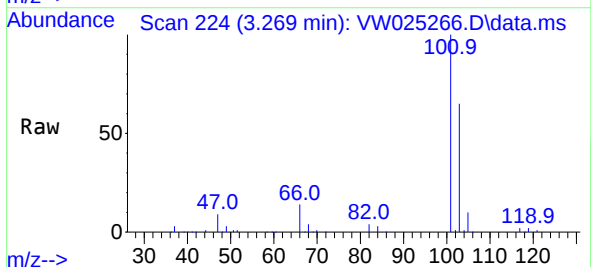
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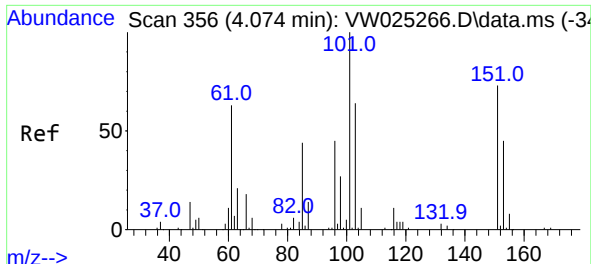
Tgt Ion: 64 Resp: 86535
Ion Ratio Lower Upper
64 100
66 31.0 21.9 40.7



#9
Trichlorofluoromethane
Concen: 25.043 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion:101 Resp: 199565
Ion Ratio Lower Upper
101 100
103 64.5 52.4 78.6

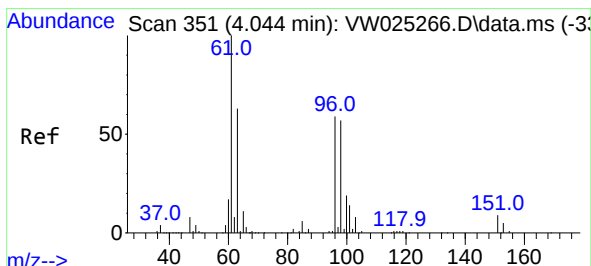
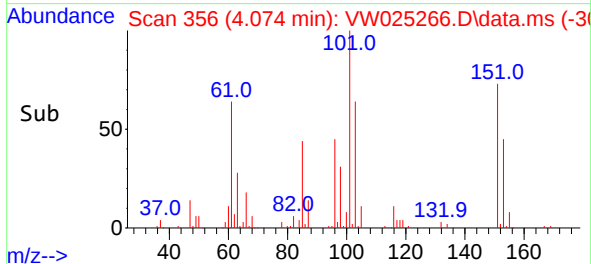
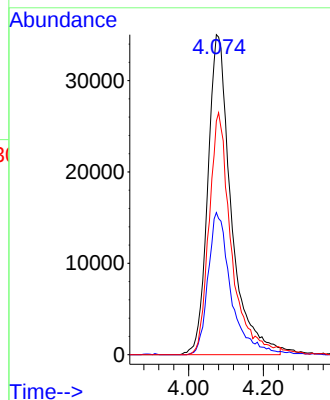
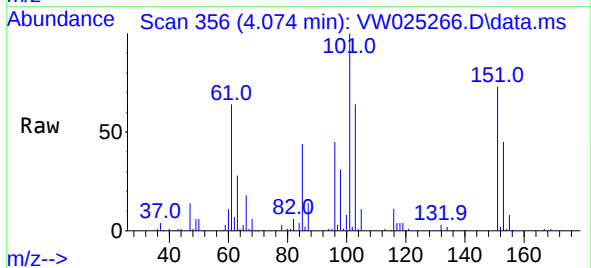




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.252 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW025266.D
 Acq: 03 Feb 2023 09:06

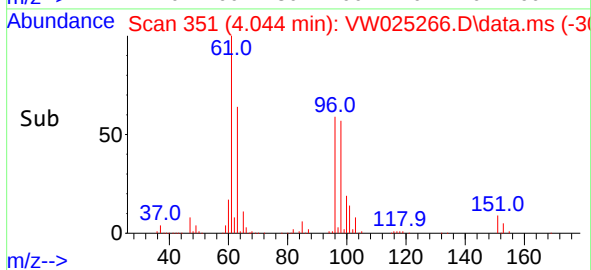
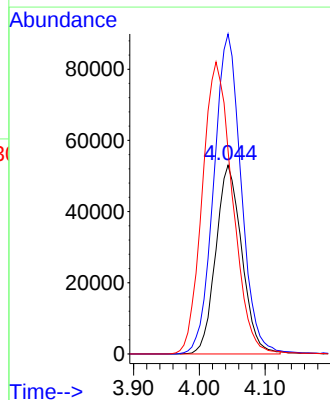
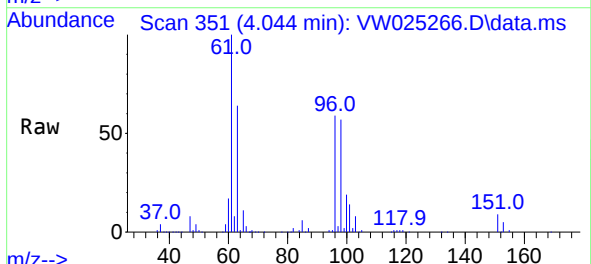
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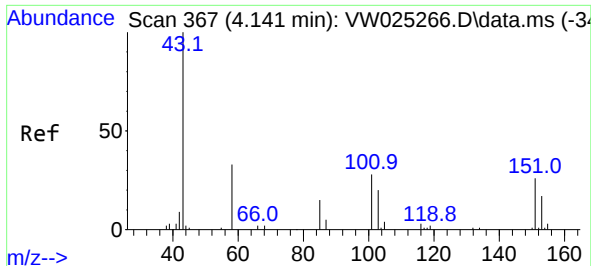
Tgt Ion:101 Resp: 151691
 Ion Ratio Lower Upper
 101 100
 85 42.0 32.8 49.2
 151 68.8 54.7 82.1



#12
 1,1-Dichloroethene
 Concen: 25.389 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW025266.D
 Acq: 03 Feb 2023 09:06

Tgt Ion: 96 Resp: 145633
 Ion Ratio Lower Upper
 96 100
 61 169.5 120.8 224.4
 63 107.9 85.7 159.1

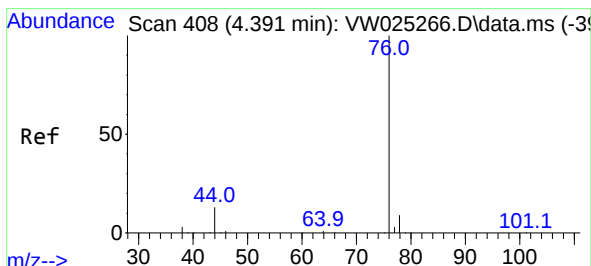
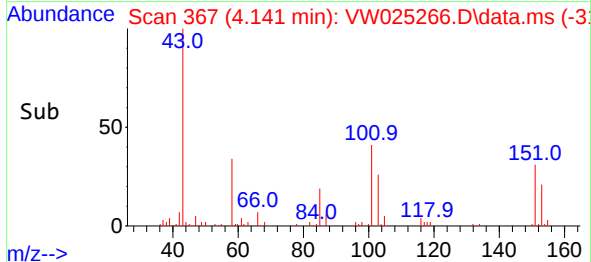
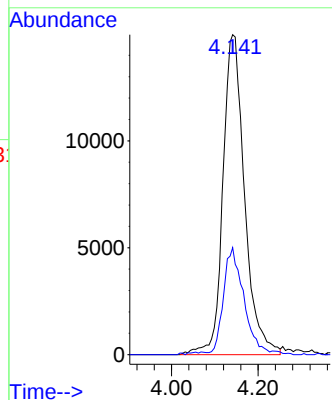
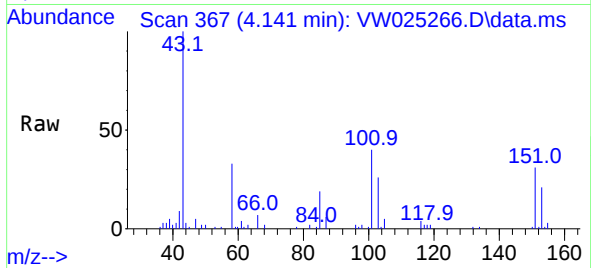




#13
Acetone
Concen: 45.345 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

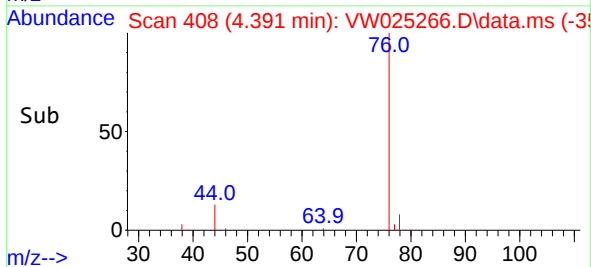
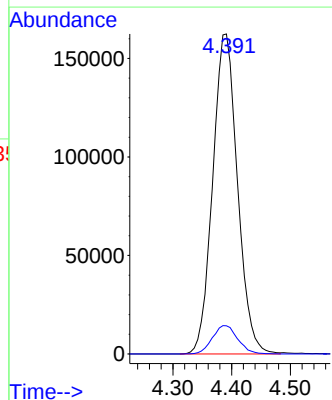
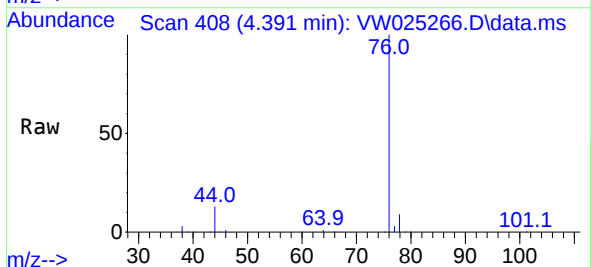
Instrument :
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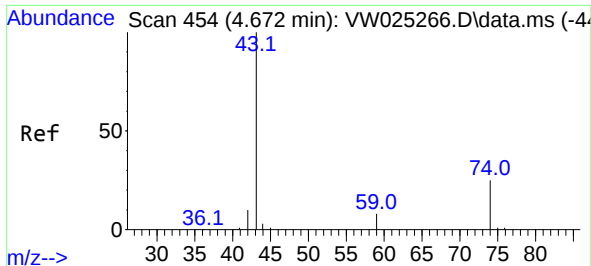
Tgt Ion: 43 Resp: 52130
Ion Ratio Lower Upper
43 100
58 31.3 0.0 63.0



#14
Carbon disulfide
Concen: 25.389 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion: 76 Resp: 475907
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

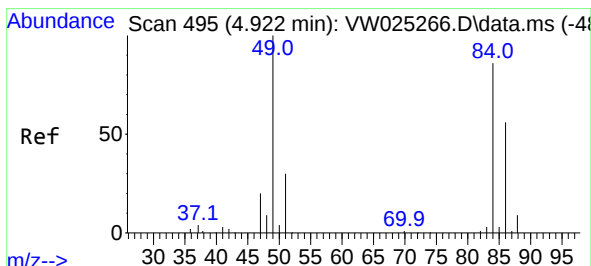
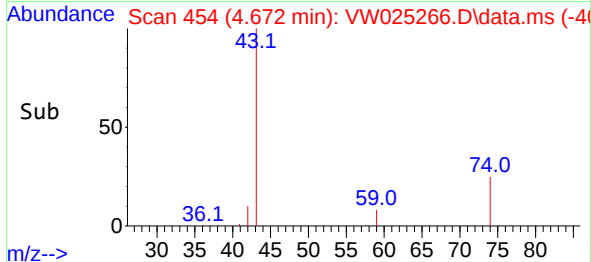
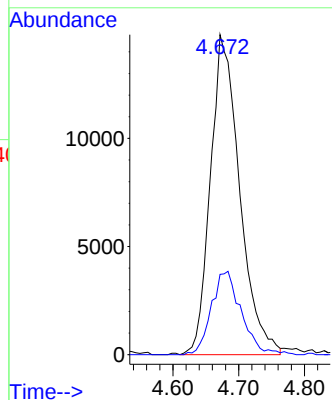
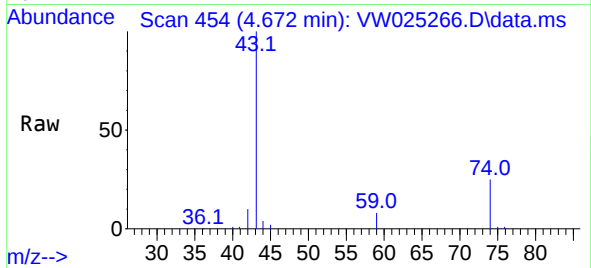




#15
Methyl Acetate
Concen: 26.476 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

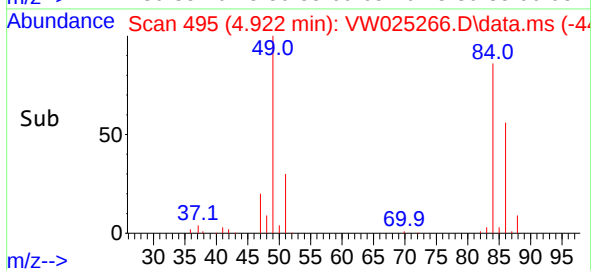
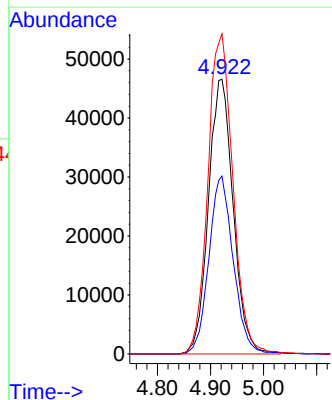
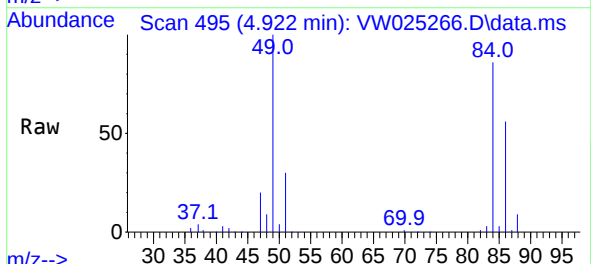
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

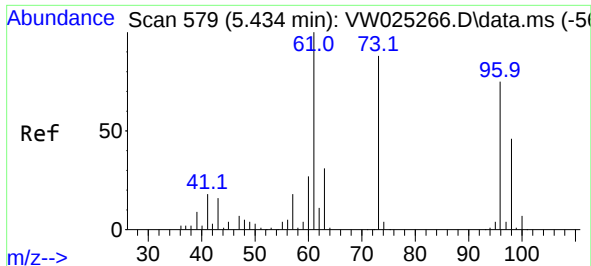
Tgt Ion: 43 Resp: 45785
Ion Ratio Lower Upper
43 100
74 25.9 20.2 30.2



#16
Methylene chloride
Concen: 21.164 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion: 84 Resp: 150886
Ion Ratio Lower Upper
84 100
86 64.8 47.2 87.6
49 116.5 86.5 160.7

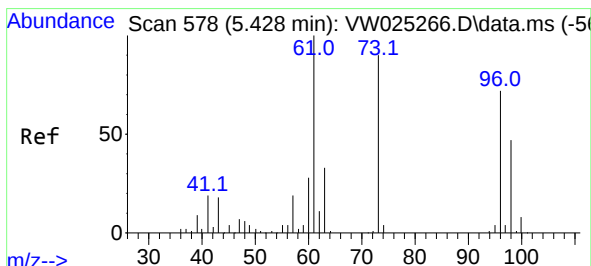
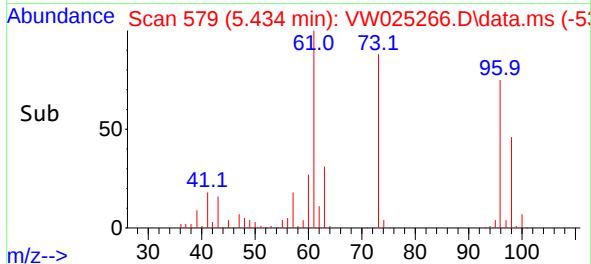
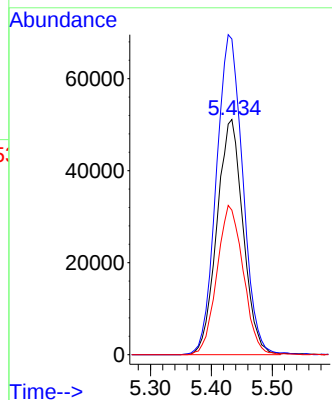
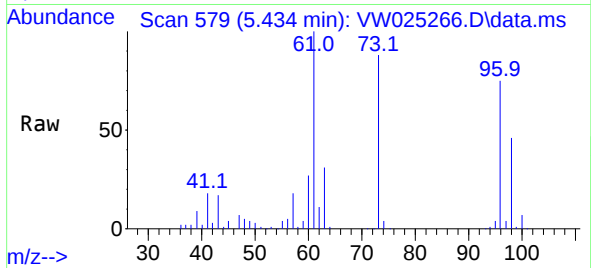




#17
trans-1,2-Dichloroethene
Concen: 24.765 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

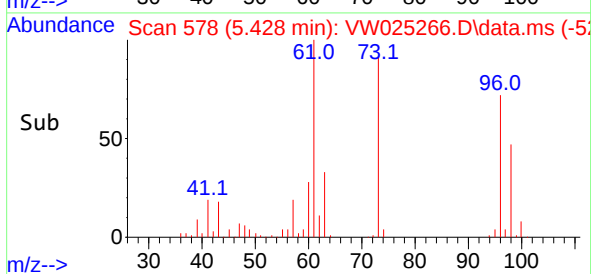
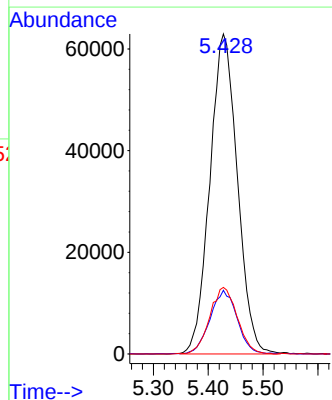
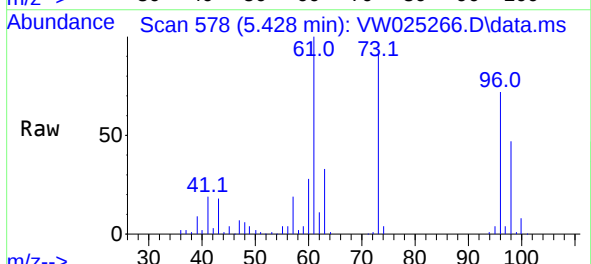
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

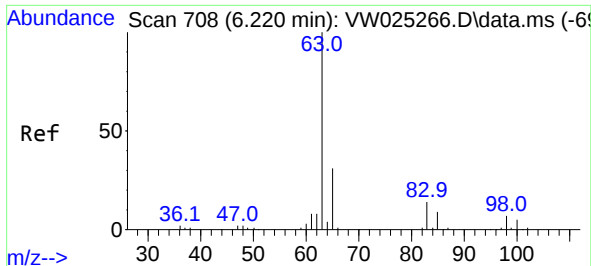
Tgt Ion: 96 Resp: 152556
Ion Ratio Lower Upper
96 100
61 134.2 98.4 182.8
98 61.4 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 24.817 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion: 73 Resp: 219761
Ion Ratio Lower Upper
73 100
43 19.5 15.8 23.6
57 20.7 17.0 25.4

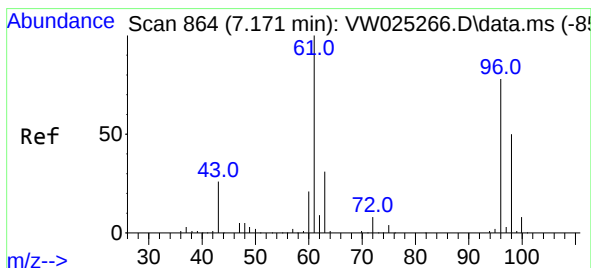
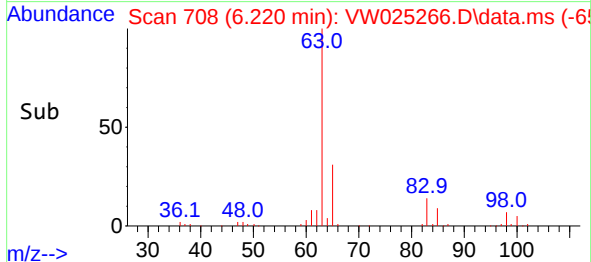
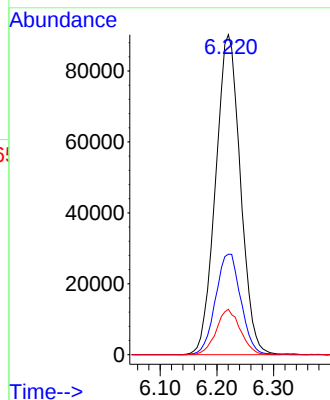
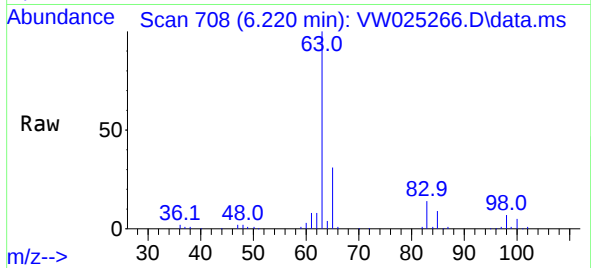




#19
1,1-Dichloroethane
Concen: 25.007 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

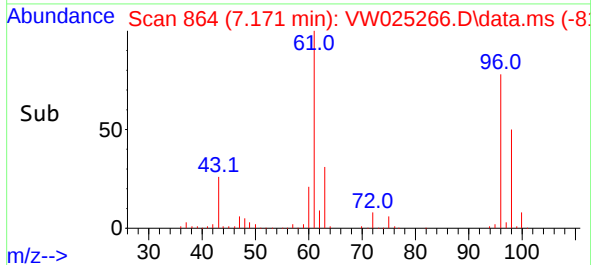
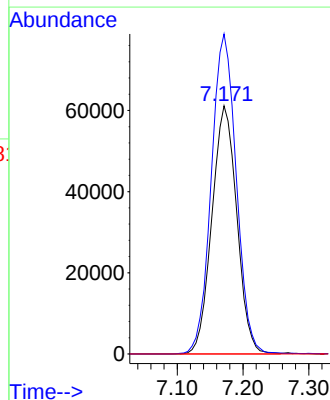
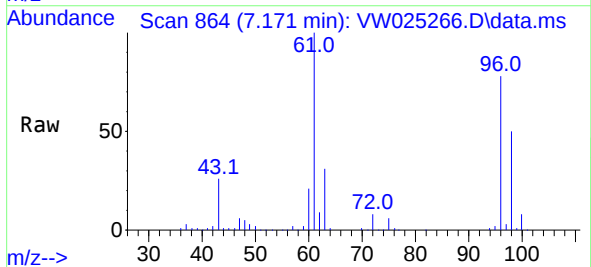
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

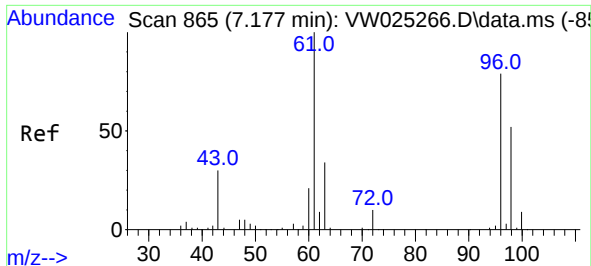
Tgt Ion: 63 Resp: 274299
Ion Ratio Lower Upper
63 100
65 31.4 22.0 41.0
83 14.2 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 24.913 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion: 96 Resp: 161136
Ion Ratio Lower Upper
96 100
61 129.0 87.2 162.0
68 0.0 0.0 0.0

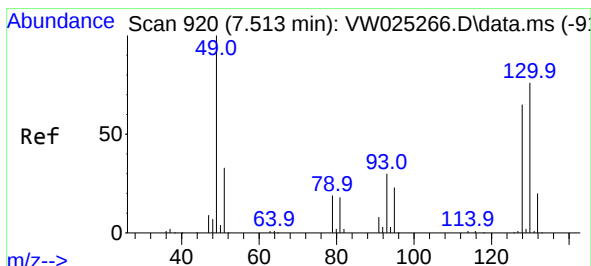
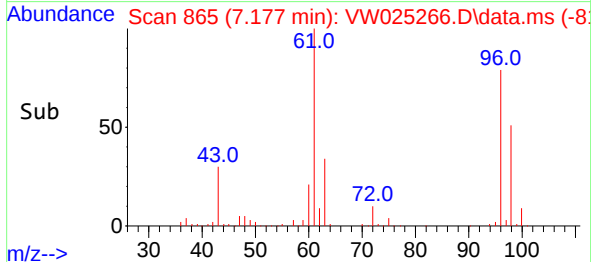
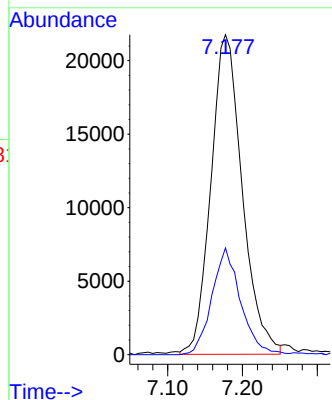
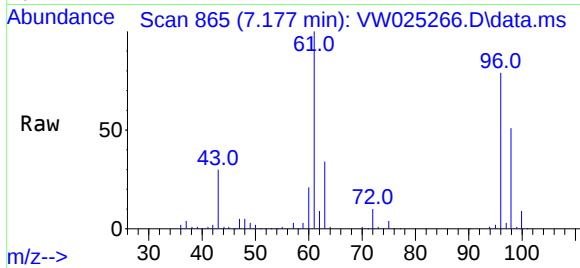




#22
2-Butanone
Concen: 46.832 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

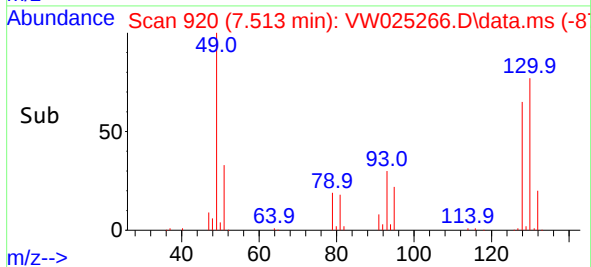
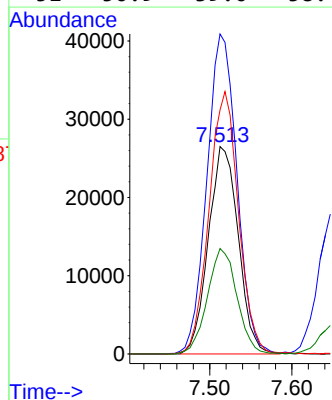
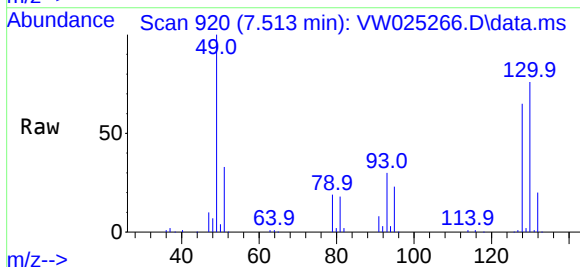
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

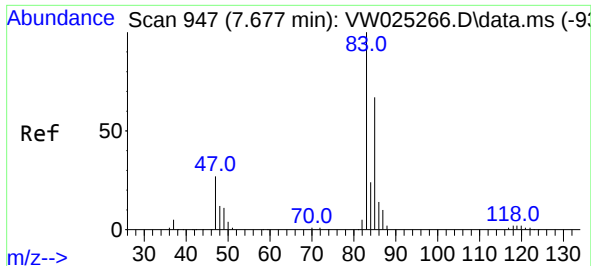
Tgt Ion: 43 Resp: 63388
Ion Ratio Lower Upper
43 100
72 30.6 15.2 45.6



#23
Bromochloromethane
Concen: 25.125 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion: 128 Resp: 66936
Ion Ratio Lower Upper
128 100
49 154.3 109.0 202.4
130 117.7 93.3 173.3
51 50.9 39.0 58.4

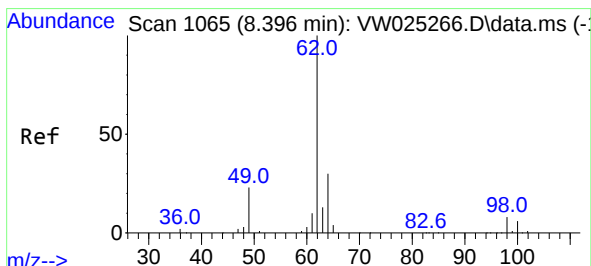
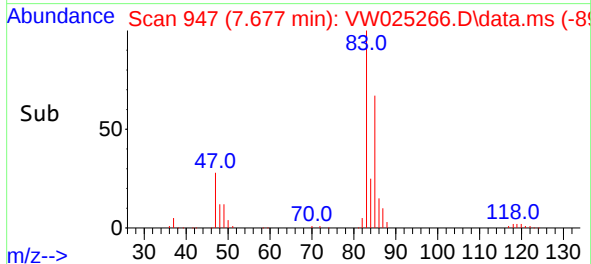
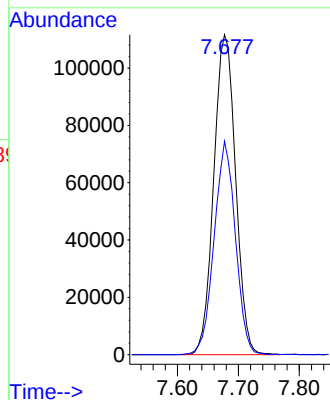
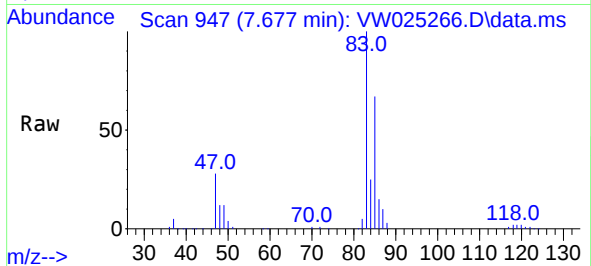




#25
Chloroform
Concen: 24.660 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

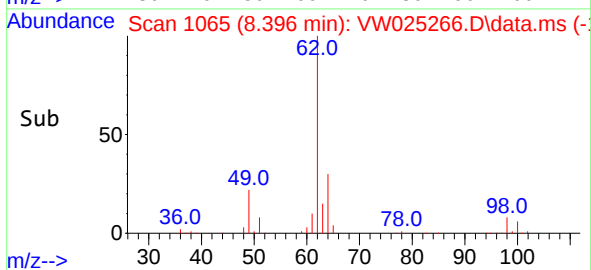
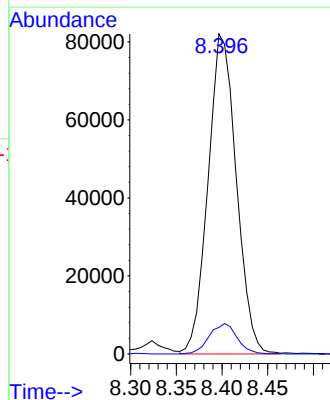
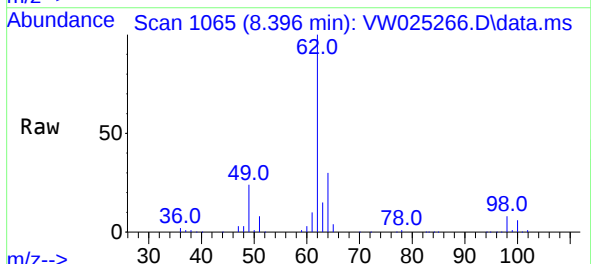
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

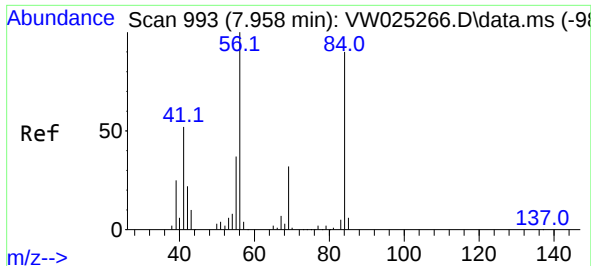
Tgt Ion: 83 Resp: 278231
Ion Ratio Lower Upper
83 100
85 66.7 45.8 85.0



#27
1,2-Dichloroethane
Concen: 25.700 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

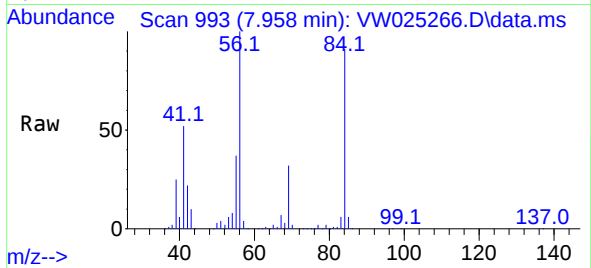
Tgt Ion: 62 Resp: 176604
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.0





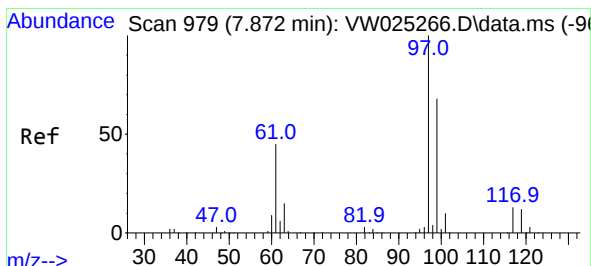
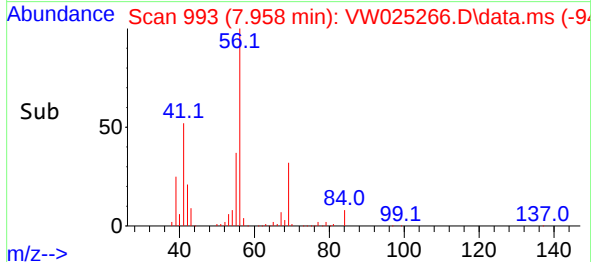
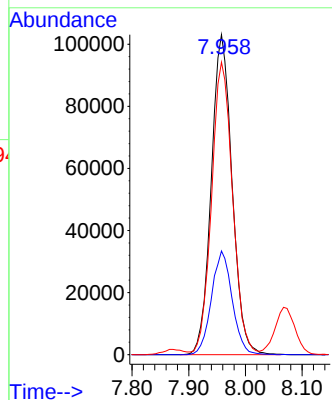
#29
Cyclohexane
Concen: 34.014 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTD025421



Tgt Ion: 56 Resp: 262931

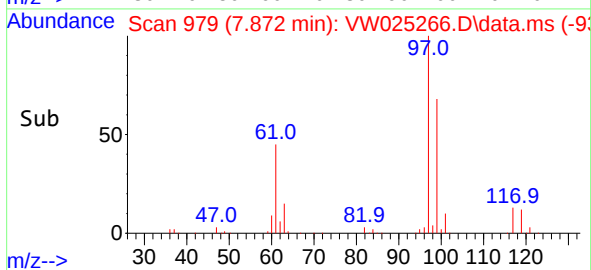
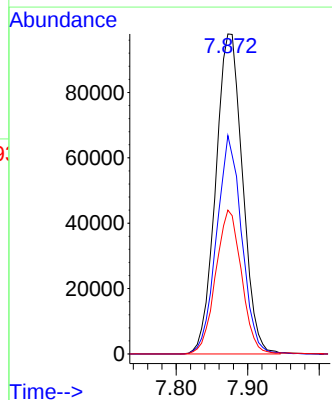
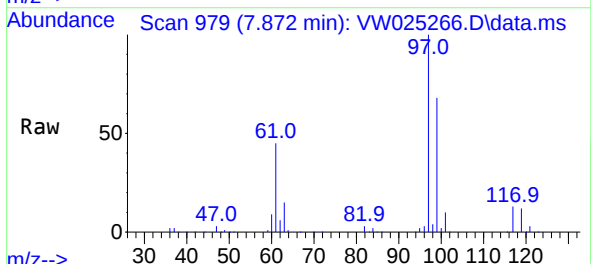
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.1	37.7
84	92.4	73.2	109.8

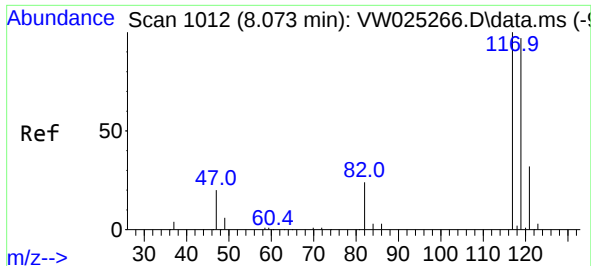


#30
1,1,1-Trichloroethane
Concen: 33.525 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion: 97 Resp: 255255

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	43.3	35.0	52.6

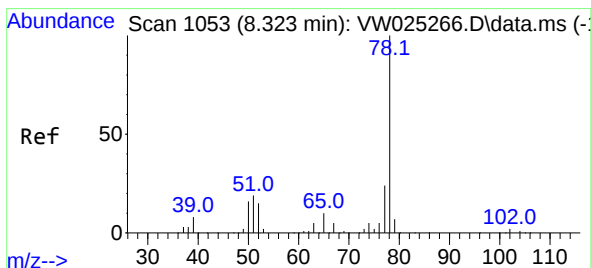
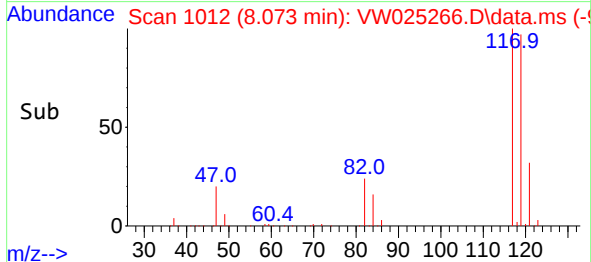
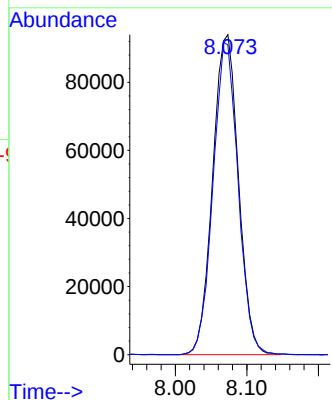
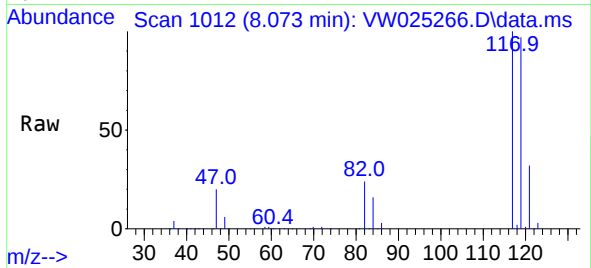




#31
Carbon tetrachloride
Concen: 33.443 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

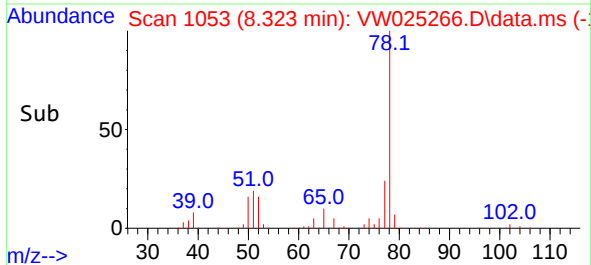
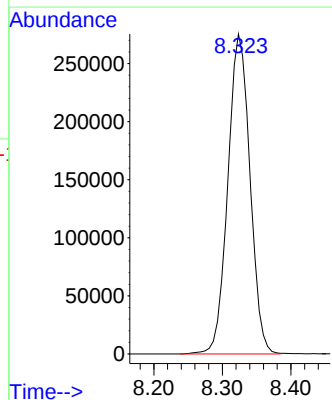
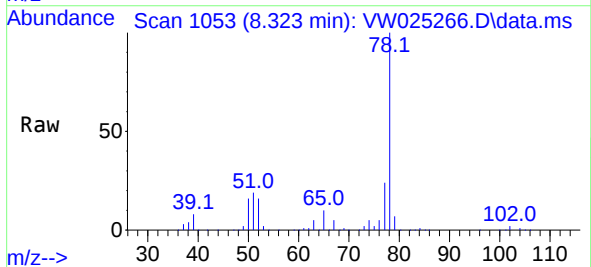
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

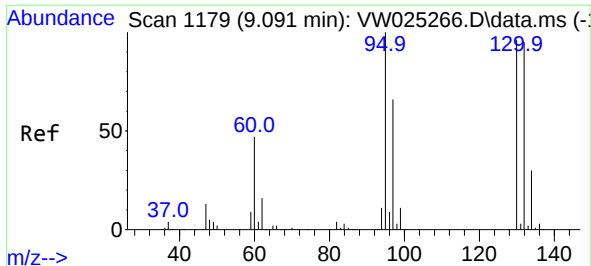
Tgt Ion:117 Resp: 235549
Ion Ratio Lower Upper
117 100
119 94.8 77.6 116.4



#33
Benzene
Concen: 33.223 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion: 78 Resp: 617146

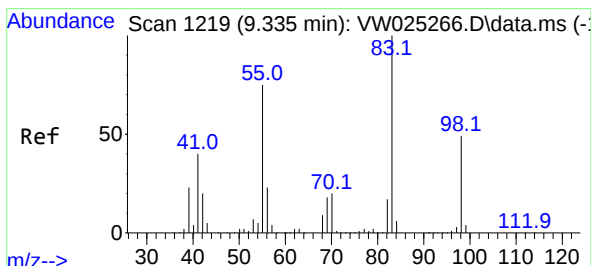
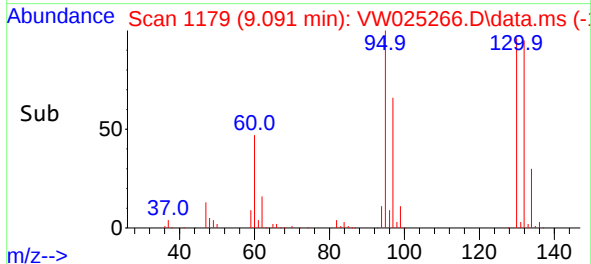
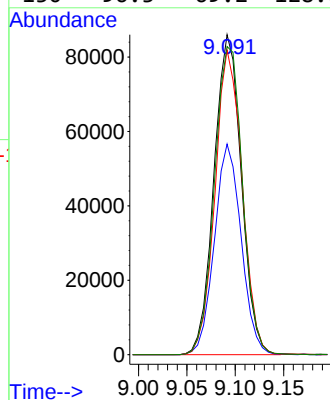
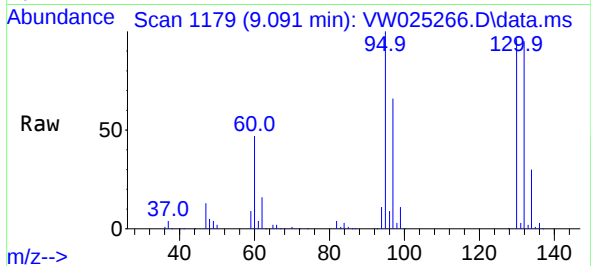




#34
Trichloroethene
Concen: 32.405 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

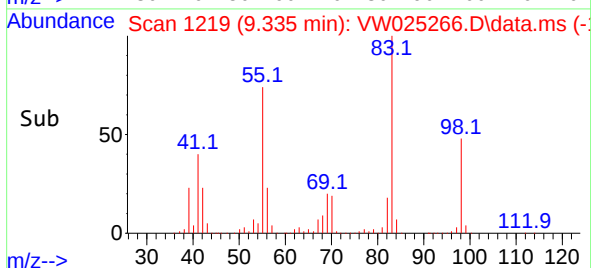
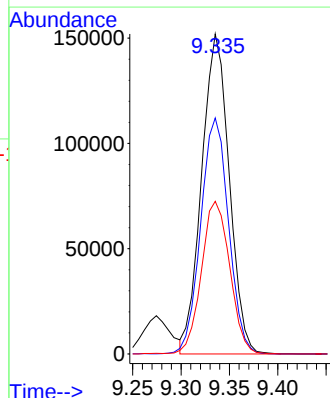
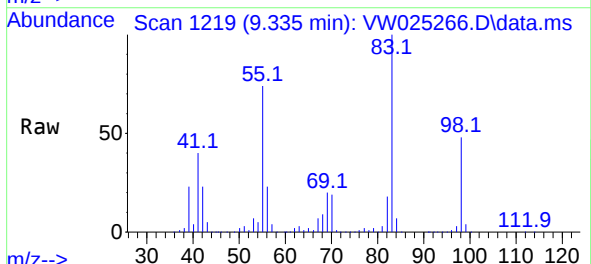
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

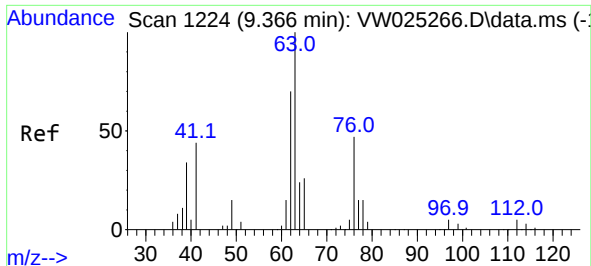
Tgt Ion: 95 Resp: 168606
Ion Ratio Lower Upper
95 100
97 65.8 45.4 84.2
132 95.2 67.1 124.5
130 96.3 69.2 128.6



#35
Methylcyclohexane
Concen: 32.513 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion: 83 Resp: 301960
Ion Ratio Lower Upper
83 100
55 74.4 58.8 88.2
98 49.0 39.5 59.3

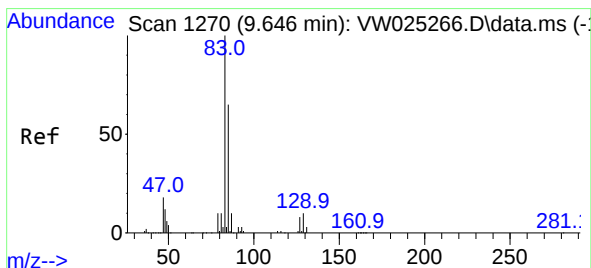
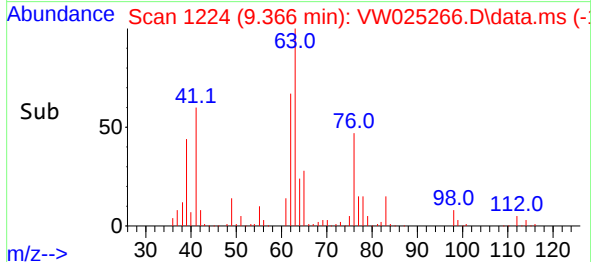
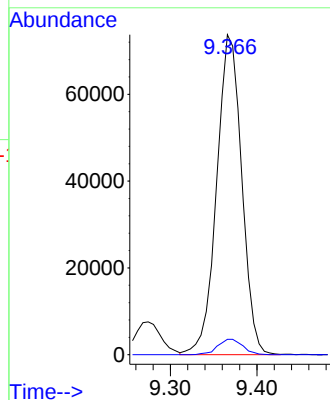
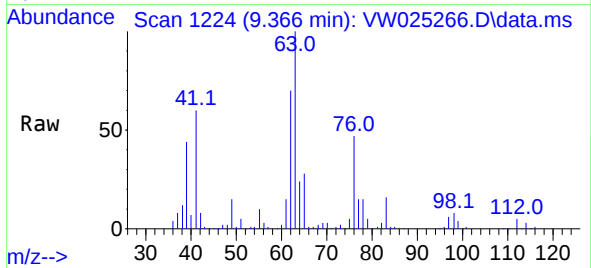




#37
1,2-Dichloropropane
Concen: 32.402 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

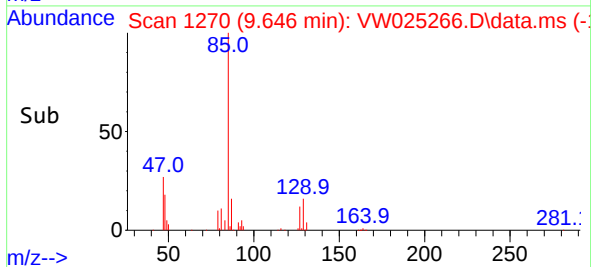
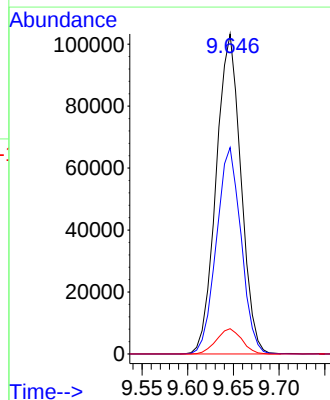
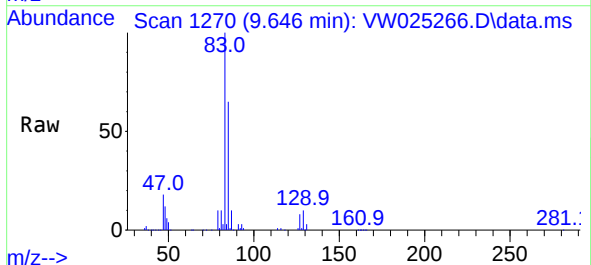
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

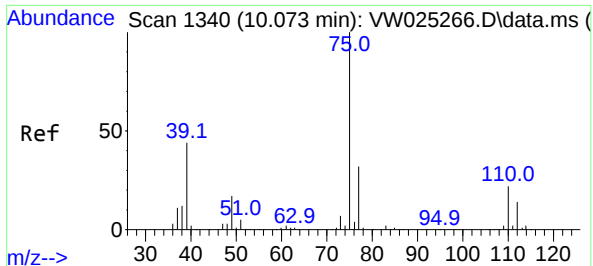
Tgt Ion: 63 Resp: 148445
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 31.974 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion: 83 Resp: 194782
Ion Ratio Lower Upper
83 100
85 64.5 44.4 82.4
127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 32.472 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

Instrument :

MSVOA_W

ClientSampleId :

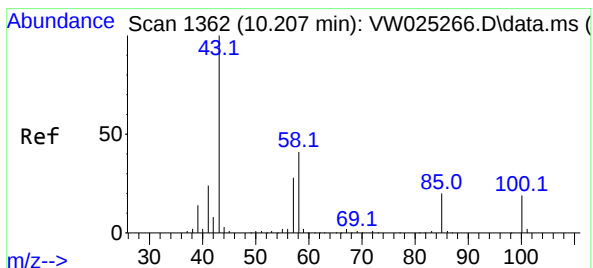
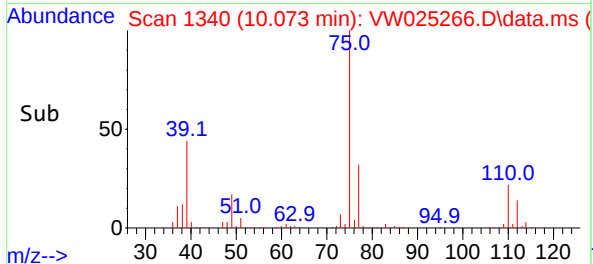
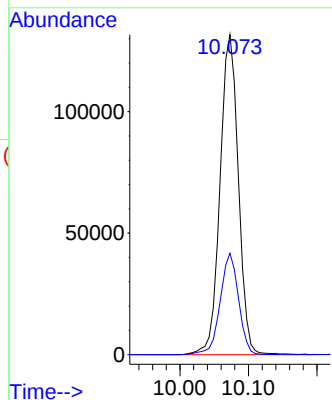
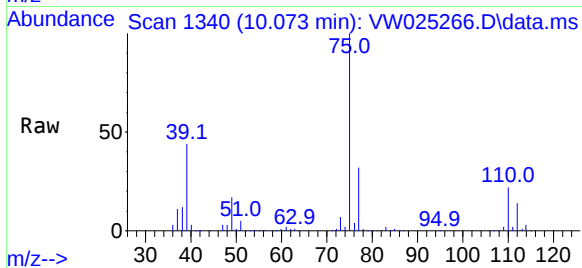
VSTD025421

Tgt Ion: 75 Resp: 243584

Ion Ratio Lower Upper

75 100

77 31.7 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 62.638 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

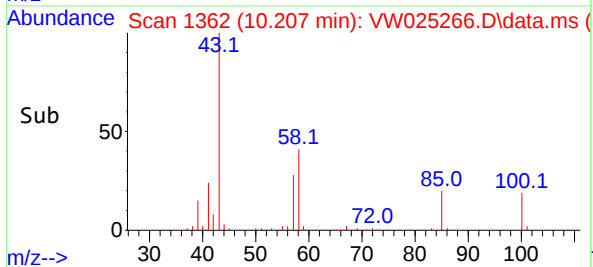
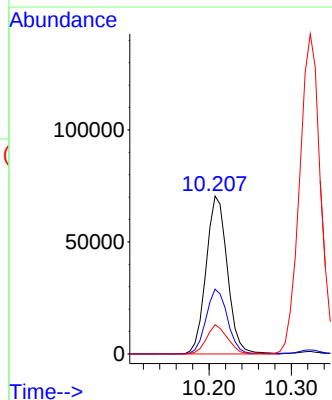
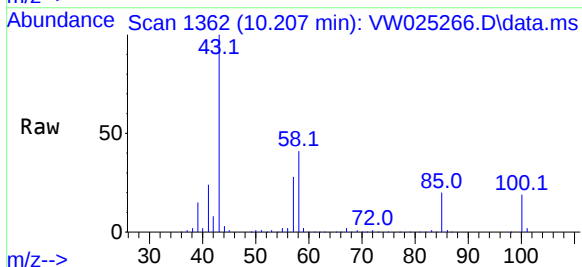
Tgt Ion: 43 Resp: 126707

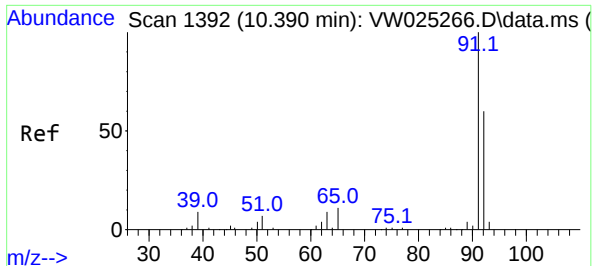
Ion Ratio Lower Upper

43 100

58 41.4 34.1 51.1

100 18.0 14.5 21.7





#42

Toluene

Concen: 31.533 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

Instrument :

MSVOA_W

ClientSampleId :

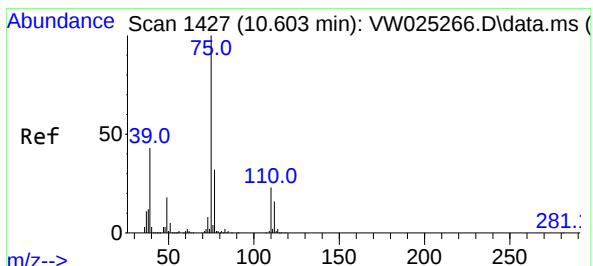
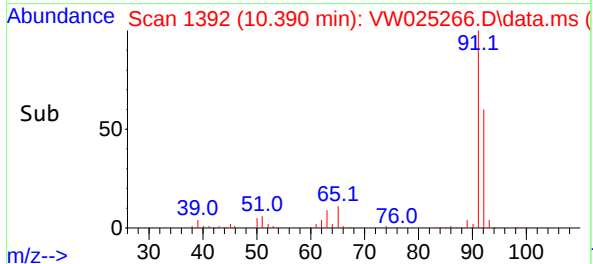
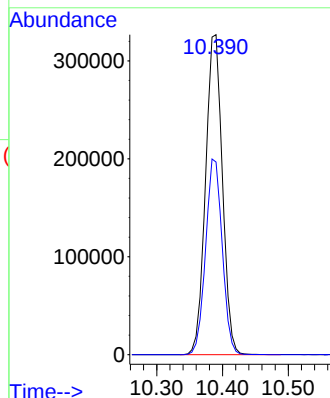
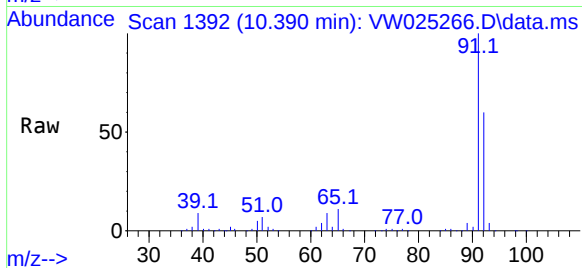
VSTD025421

Tgt Ion: 91 Resp: 582480

Ion Ratio Lower Upper

91 100

92 60.2 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 30.838 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025266.D

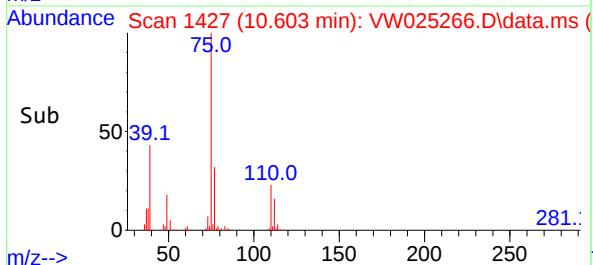
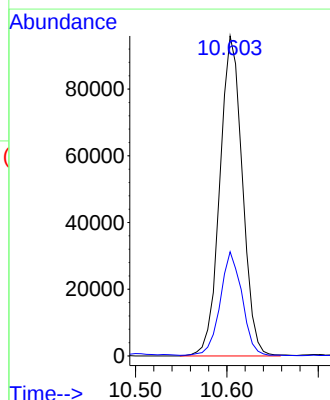
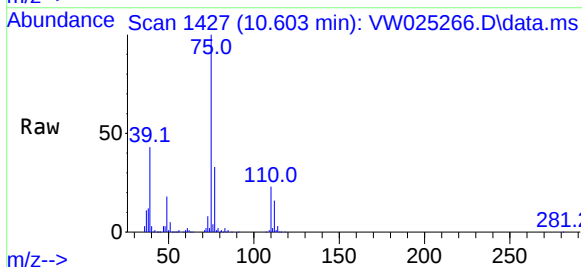
Acq: 03 Feb 2023 09:06

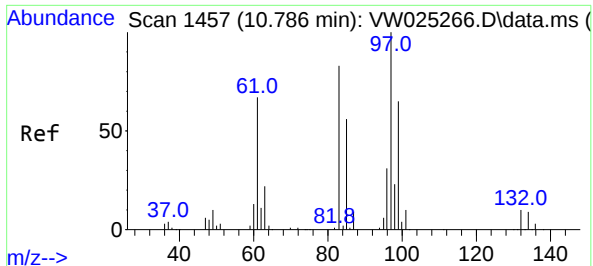
Tgt Ion: 75 Resp: 164895

Ion Ratio Lower Upper

75 100

77 32.6 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 28.860 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025421

Tgt Ion: 97 Resp: 83331

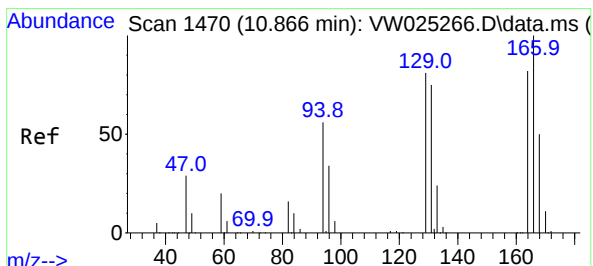
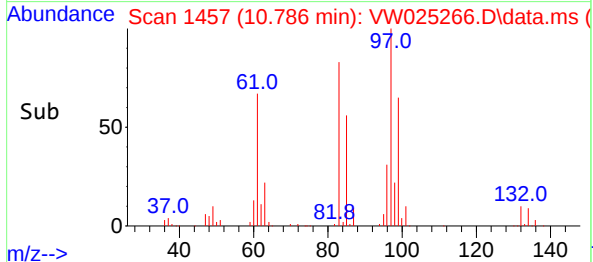
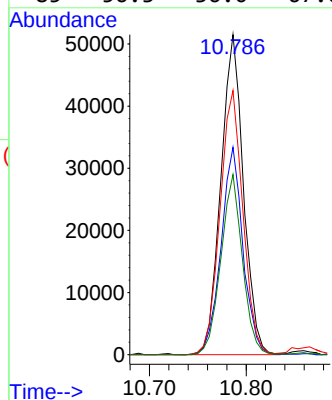
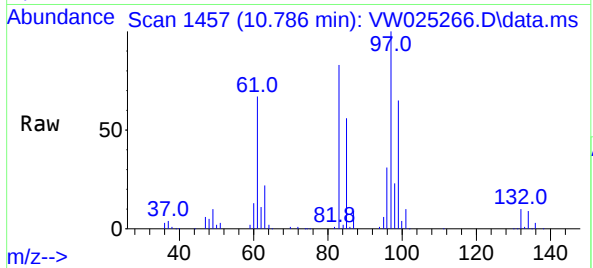
Ion Ratio Lower Upper

97 100

99 64.8 41.4 76.8

83 82.5 54.0 100.4

85 56.3 36.0 67.0



#46

Tetrachloroethene

Concen: 28.551 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

Tgt Ion:164 Resp: 94939

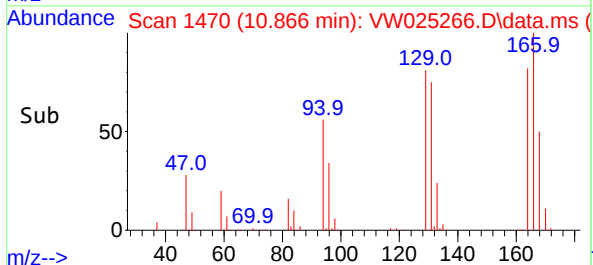
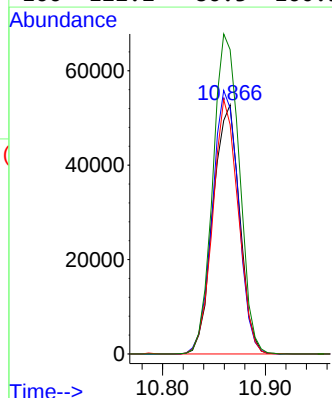
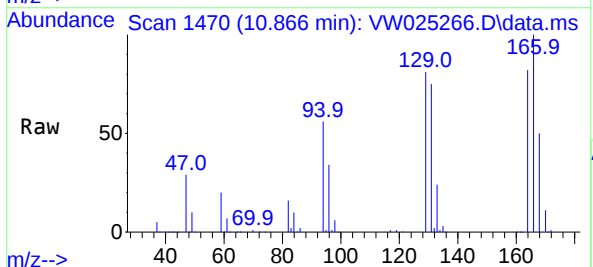
Ion Ratio Lower Upper

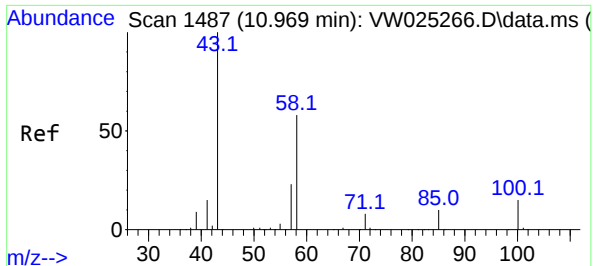
164 100

129 98.7 74.1 137.5

131 92.0 72.3 134.3

166 122.2 86.3 160.3





#48

2-Hexanone

Concen: 59.375 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025421

Tgt Ion: 43 Resp: 75810

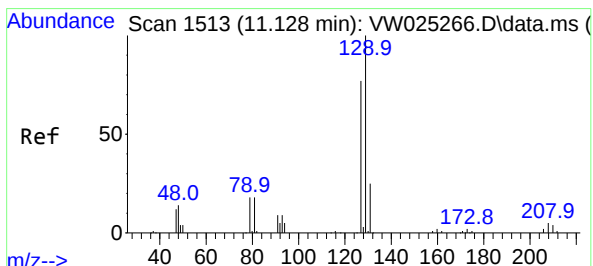
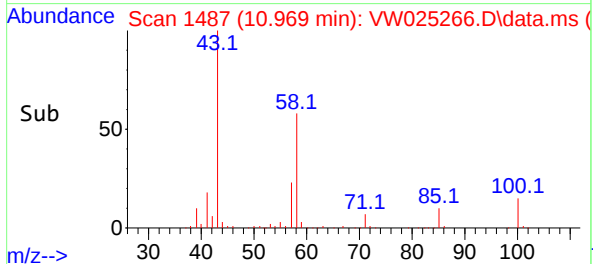
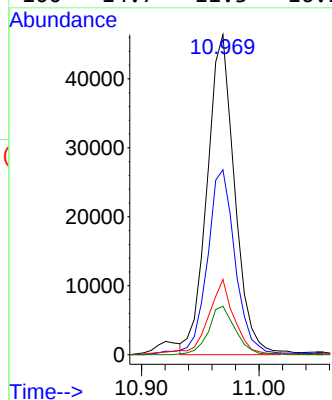
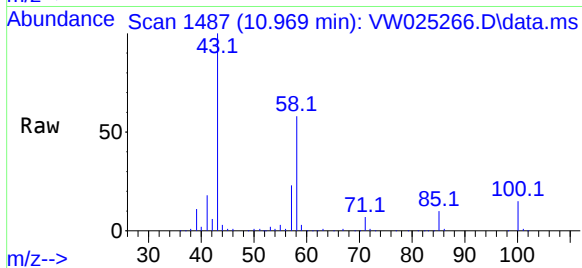
Ion Ratio Lower Upper

43 100

58 58.8 46.3 69.5

57 21.3 16.5 24.7

100 14.7 11.3 16.9



#49

Dibromochloromethane

Concen: 30.653 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW025266.D

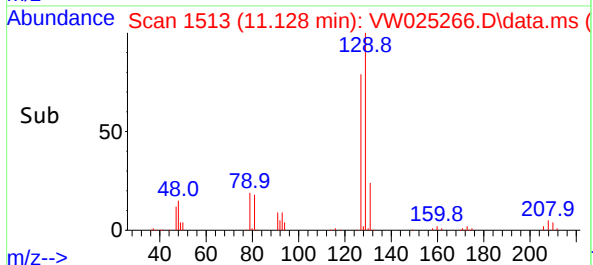
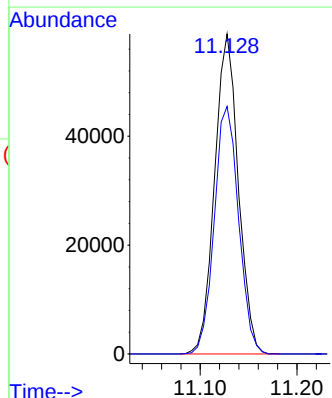
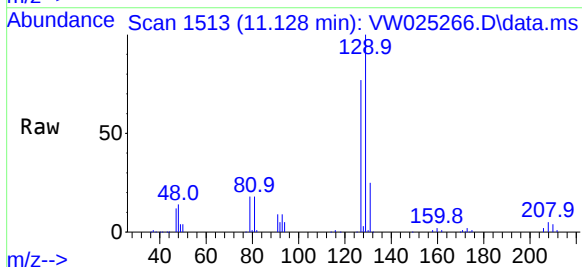
Acq: 03 Feb 2023 09:06

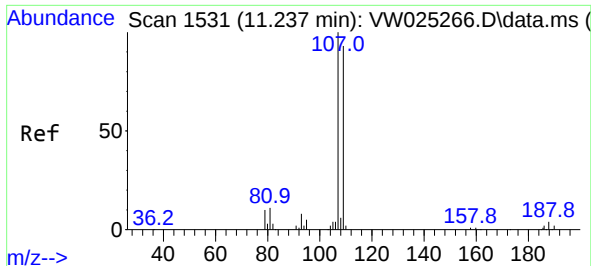
Tgt Ion:129 Resp: 99965

Ion Ratio Lower Upper

129 100

127 77.4 54.8 101.8





#50

1,2-Dibromoethane

Concen: 26.467 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

Instrument :

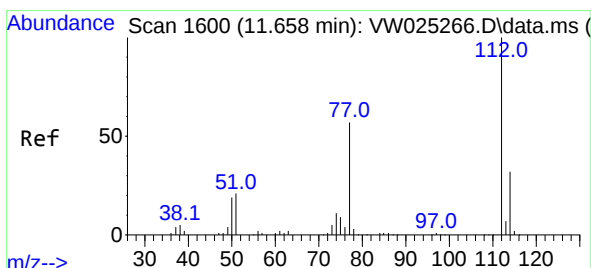
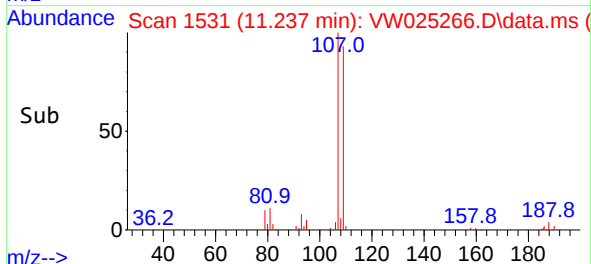
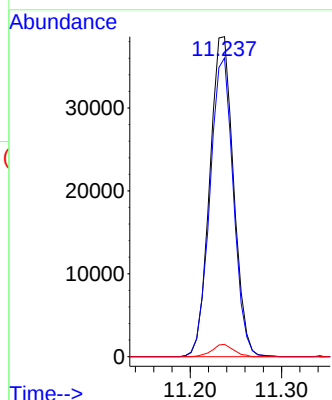
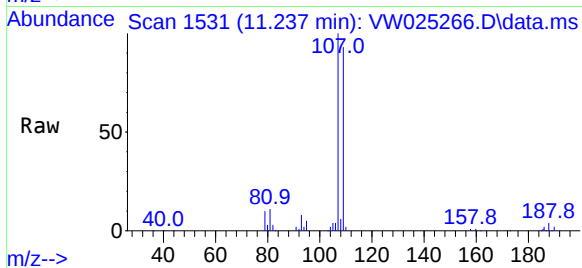
MSVOA_W

ClientSampleId :

VSTD025421

Tgt Ion:107 Resp: 70006

Ion	Ratio	Lower	Upper
107	100		
109	93.3	65.0	120.6
188	3.8	2.3	3.5#



#51

Chlorobenzene

Concen: 25.194 ug/L

RT: 11.658 min Scan# 1600

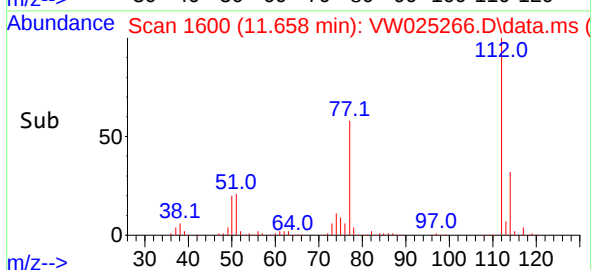
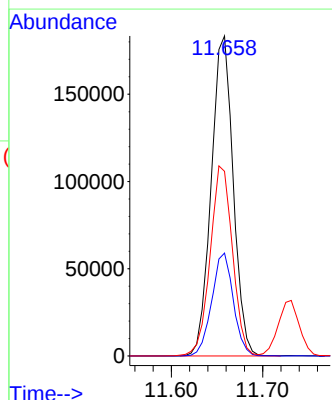
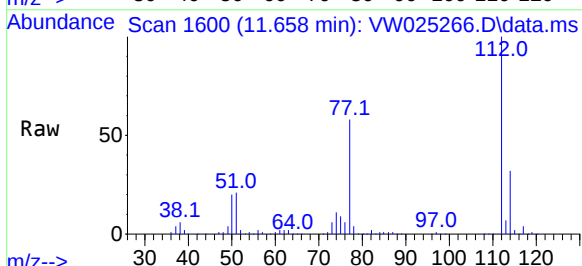
Delta R.T. 0.000 min

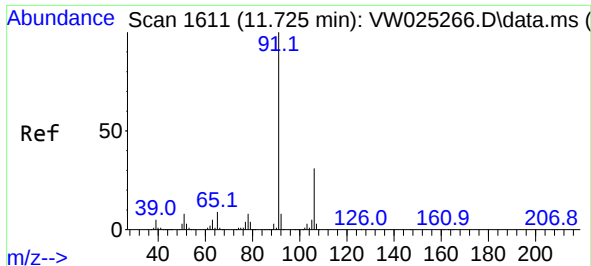
Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

Tgt Ion:112 Resp: 306272

Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.7	40.3
77	57.7	46.2	69.4

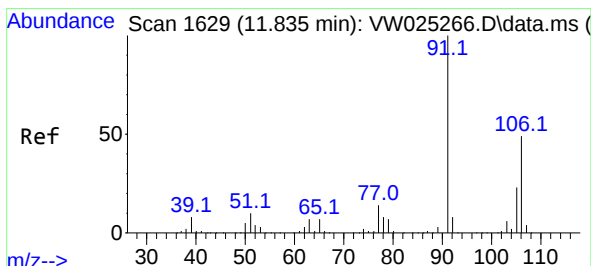
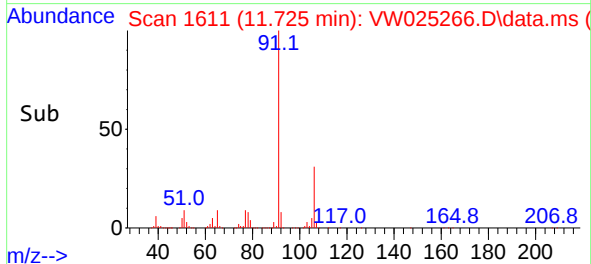
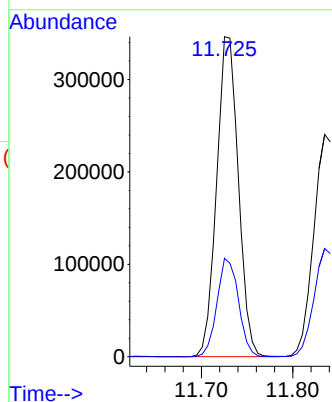
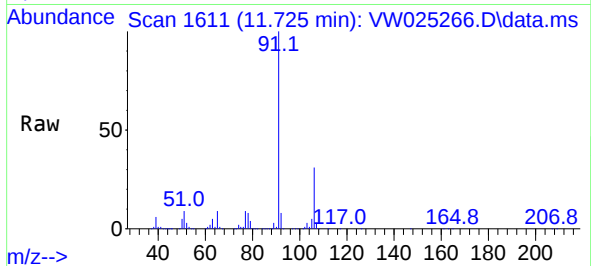




#52
Ethylbenzene
Concen: 25.890 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

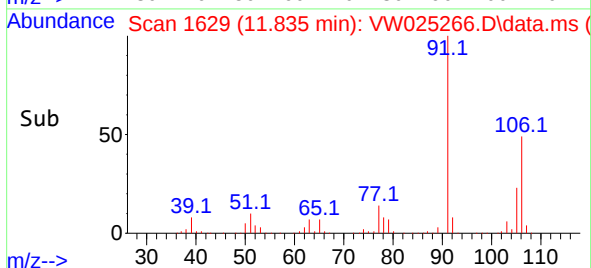
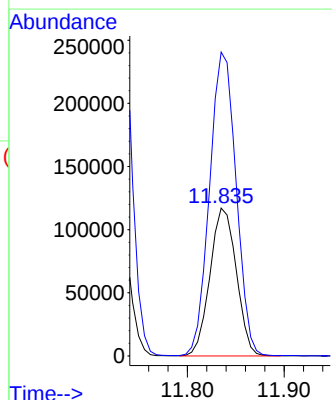
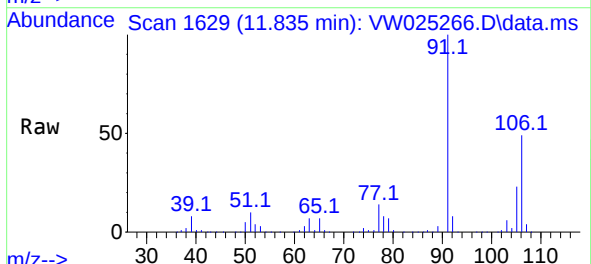
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

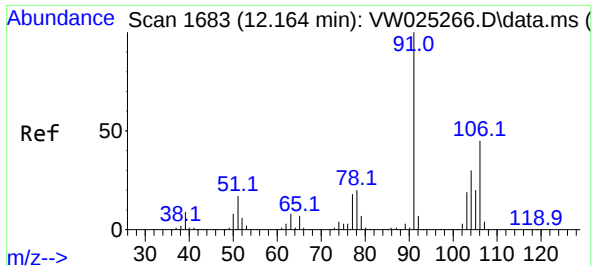
Tgt Ion: 91 Resp: 573021
Ion Ratio Lower Upper
91 100
106 30.8 21.1 39.1



#53
m,p-Xylene
Concen: 26.454 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion:106 Resp: 221894
Ion Ratio Lower Upper
106 100
91 205.5 143.4 266.4

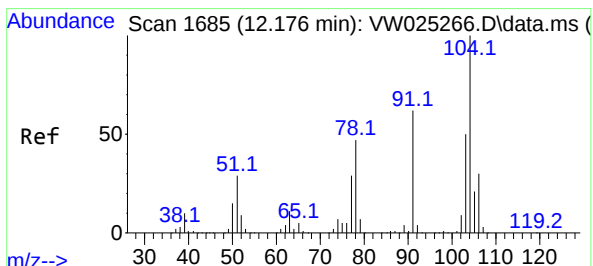
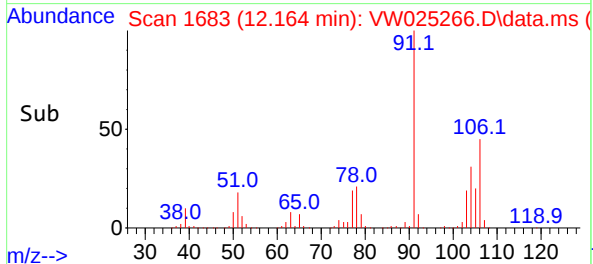
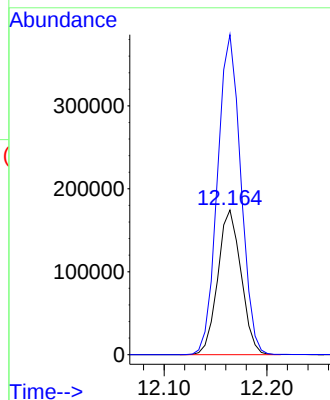
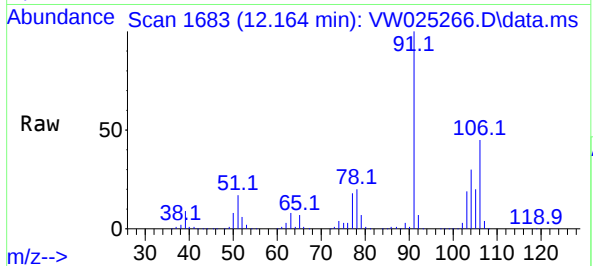




#54
o-Xylene
Concen: 32.473 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

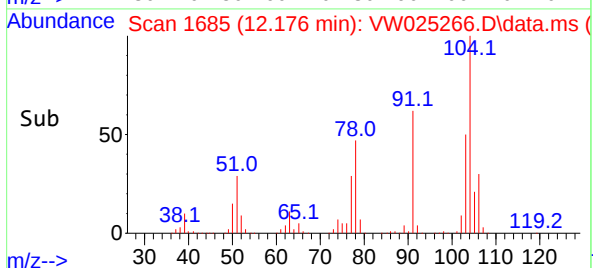
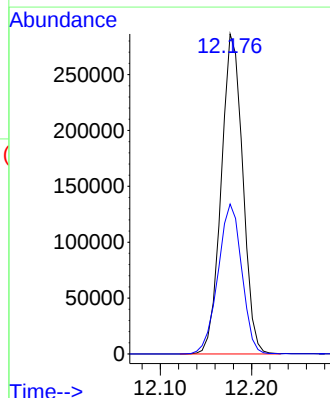
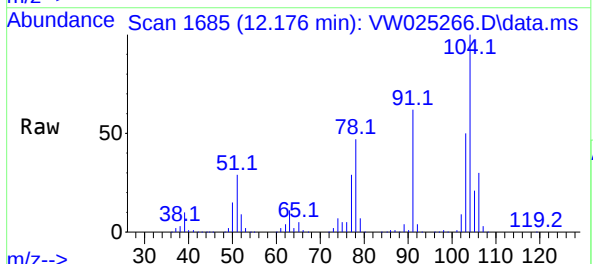
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

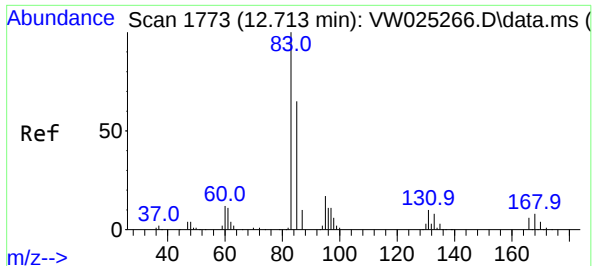
Tgt Ion:106 Resp: 274197
Ion Ratio Lower Upper
106 100
91 221.2 157.6 292.8



#55
Styrene
Concen: 32.785 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion:104 Resp: 468734
Ion Ratio Lower Upper
104 100
78 46.9 32.8 60.8

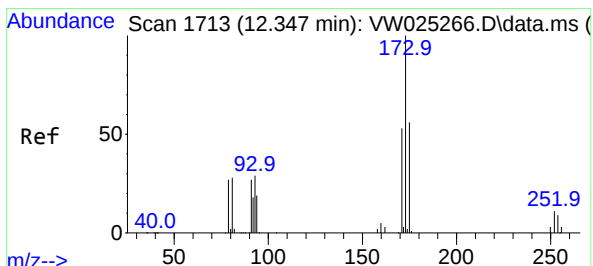
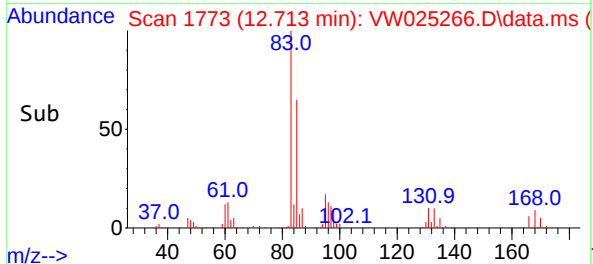
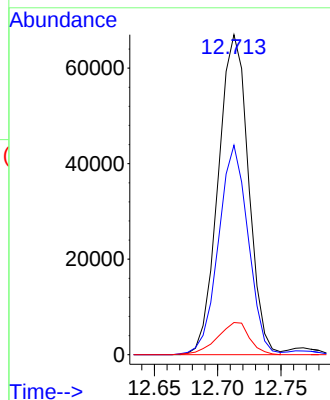
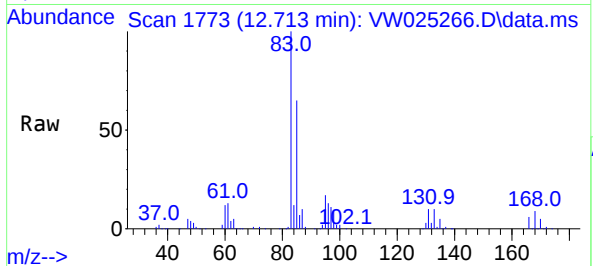




#57
1,1,2,2-Tetrachloroethane
Concen: 32.354 ug/L
RT: 12.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

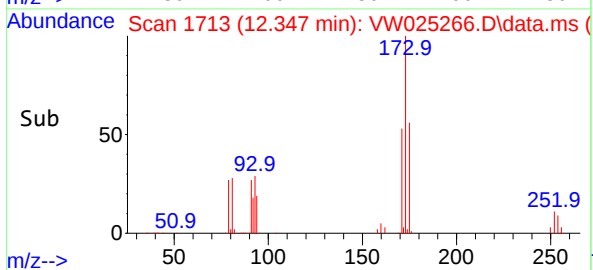
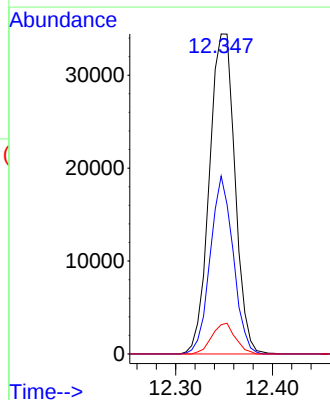
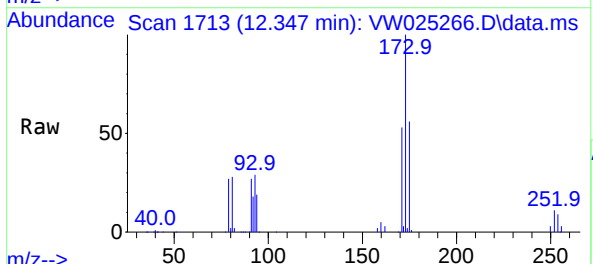
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

Tgt Ion: 83 Resp: 111308
Ion Ratio Lower Upper
83 100
85 65.5 44.7 83.1
131 10.0 7.8 11.6

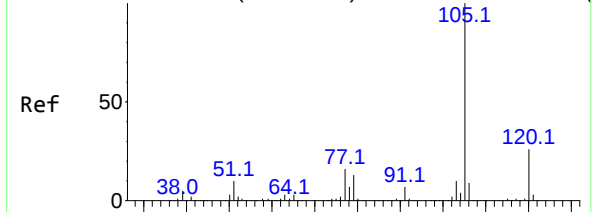


#59
Bromoform
Concen: 24.762 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion:173 Resp: 63160
Ion Ratio Lower Upper
173 100
175 49.9 38.6 58.0
254 8.8 7.0 10.4

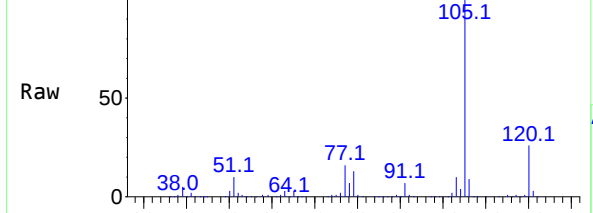


Abundance Scan 1732 (12.463 min): VW025266.D\data.ms (



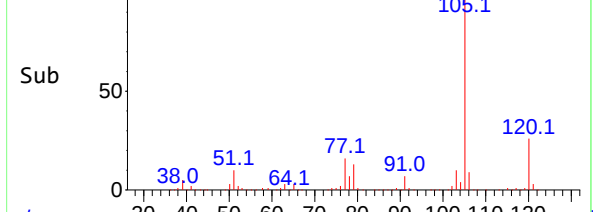
m/z-->

Abundance Scan 1732 (12.463 min): VW025266.D\data.ms



m/z-->

Abundance Scan 1732 (12.463 min): VW025266.D\data.ms (



m/z-->

#60

Isopropylbenzene

Concen: 25.526 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025421

Tgt Ion:105 Resp: 777162

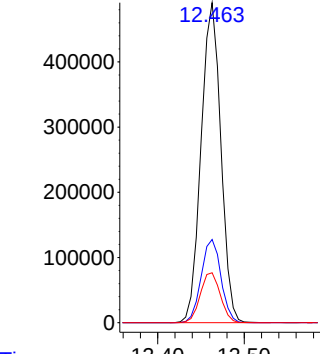
Ion Ratio Lower Upper

105 100

120 26.0 20.6 30.8

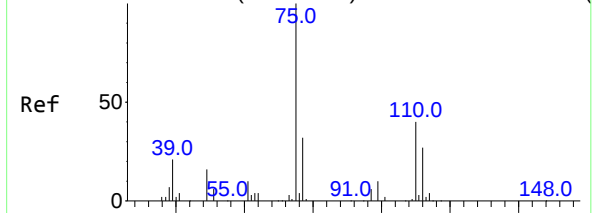
77 15.8 12.6 18.8

Abundance



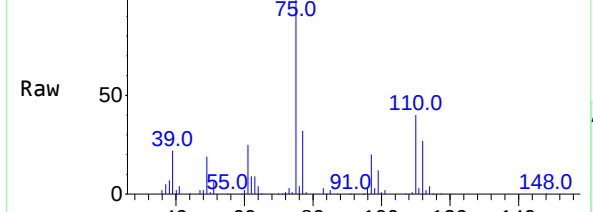
Time-->

Abundance Scan 1782 (12.768 min): VW025266.D\data.ms (



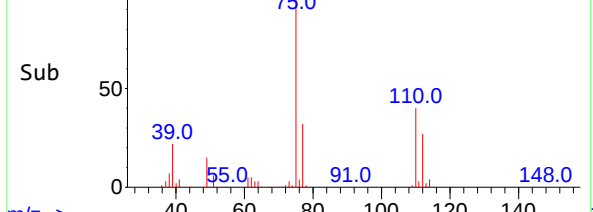
m/z-->

Abundance Scan 1782 (12.768 min): VW025266.D\data.ms



m/z-->

Abundance Scan 1782 (12.768 min): VW025266.D\data.ms (



m/z-->

#61

1,2,3-Trichloropropane

Concen: 25.217 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

Tgt Ion: 75 Resp: 80605

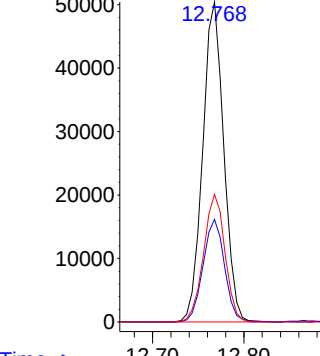
Ion Ratio Lower Upper

75 100

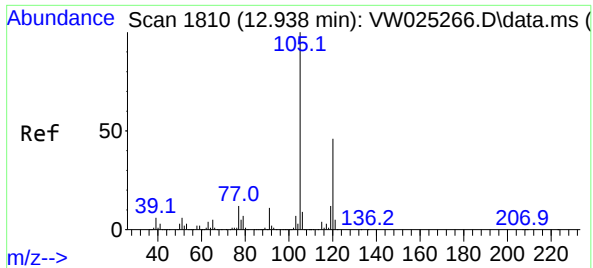
77 32.7 26.7 40.1

110 40.4 33.2 49.8

Abundance



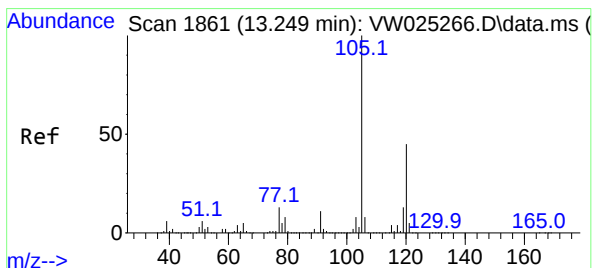
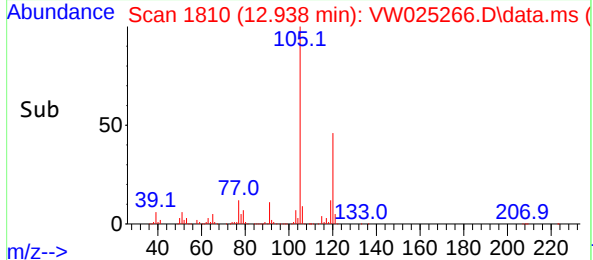
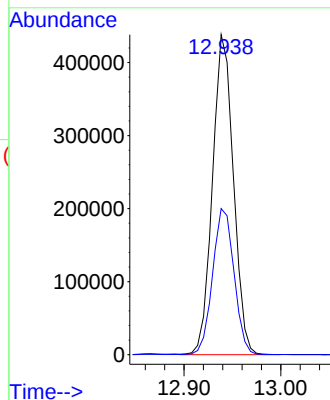
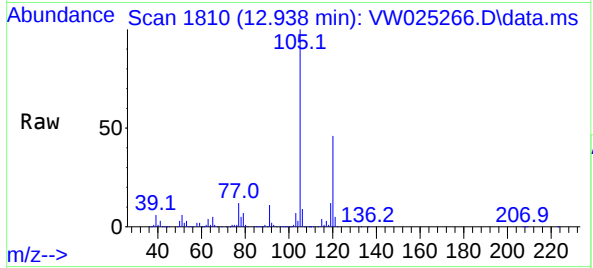
Time-->



#62
1,3,5-Trimethylbenzene
Concen: 26.818 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

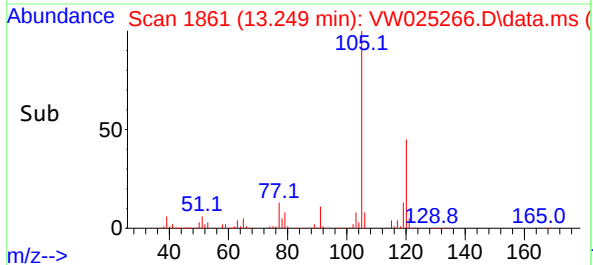
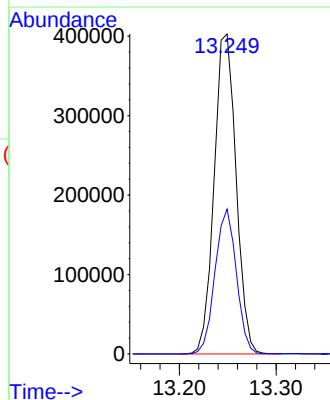
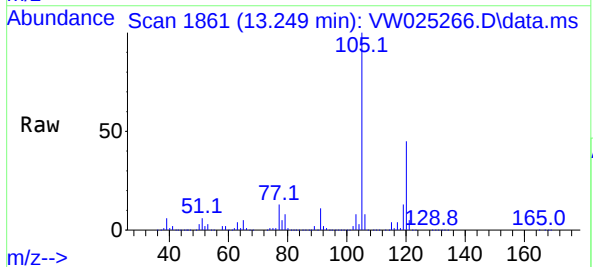
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

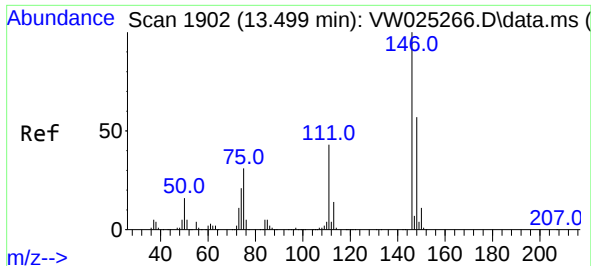
Tgt Ion:105 Resp: 658246
Ion Ratio Lower Upper
105 100
120 46.8 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 25.808 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion:105 Resp: 634725
Ion Ratio Lower Upper
105 100
120 44.0 35.0 52.4

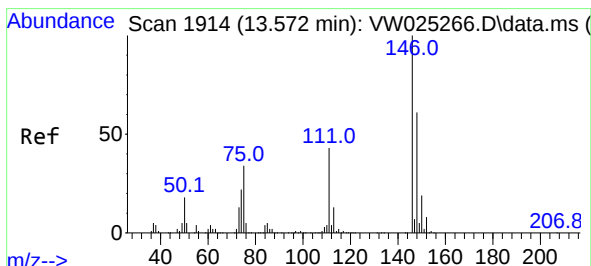
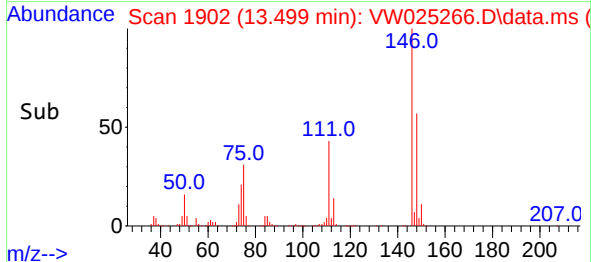
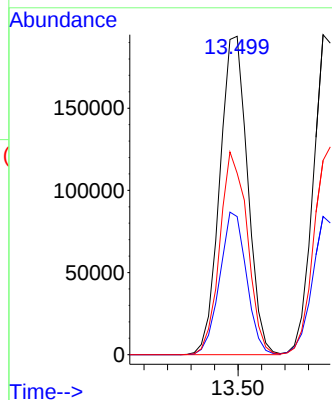
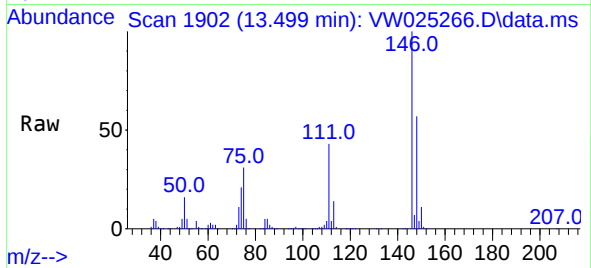




#64
1,3-Dichlorobenzene
Concen: 25.266 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

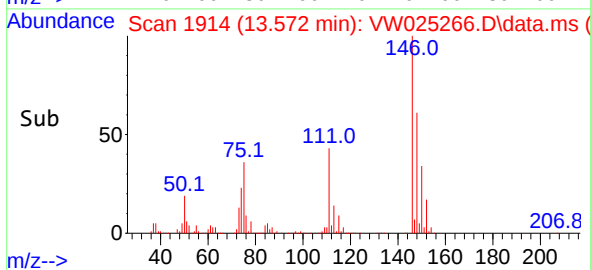
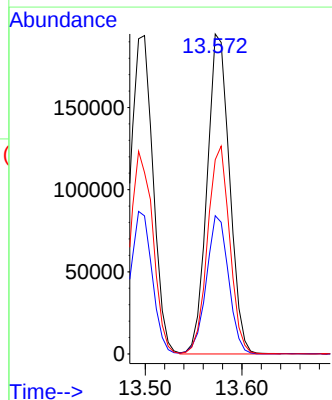
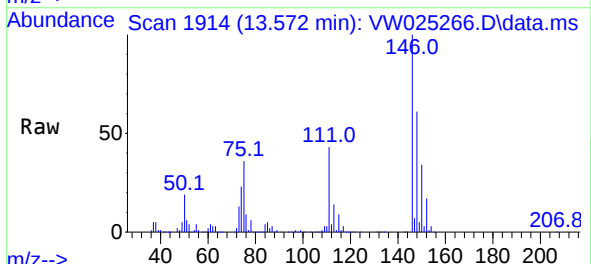
Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

Tgt Ion:146 Resp: 318703
Ion Ratio Lower Upper
146 100
111 43.3 29.0 53.8
148 57.0 41.7 77.5

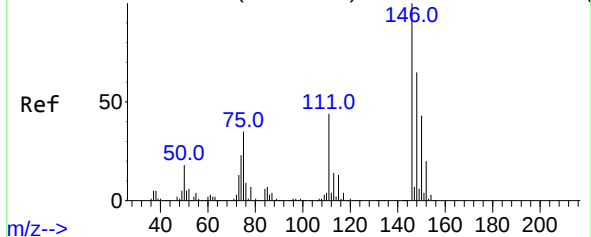


#65
1,4-Dichlorobenzene
Concen: 25.279 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

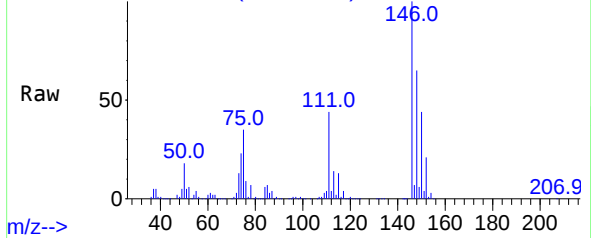
Tgt Ion:146 Resp: 314668
Ion Ratio Lower Upper
146 100
111 43.2 29.3 54.3
148 60.7 43.8 81.4



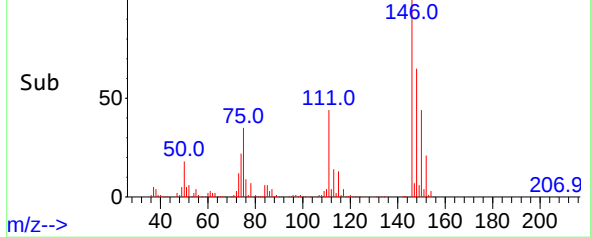
Abundance Scan 1962 (13.865 min): VW025266.D\data.ms (



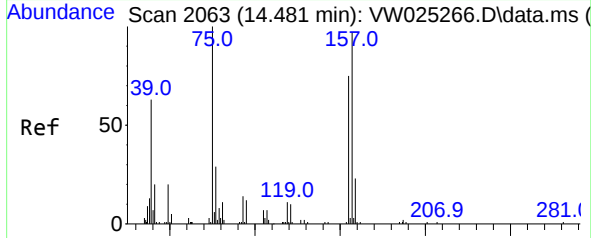
m/z--> Scan 1962 (13.865 min): VW025266.D\data.ms



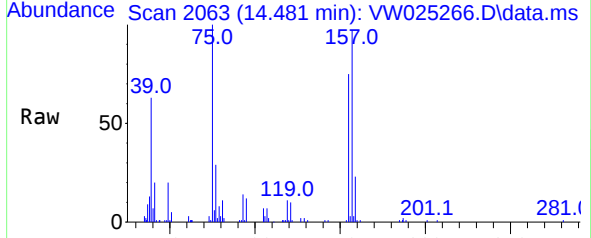
Abundance Scan 1962 (13.865 min): VW025266.D\data.ms (



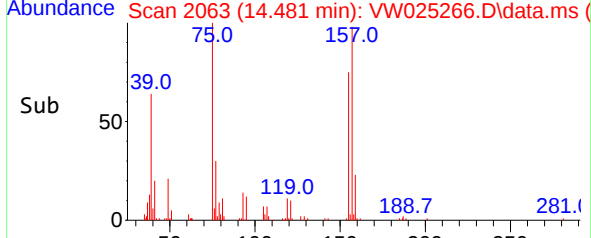
m/z--> Scan 1962 (13.865 min): VW025266.D\data.ms (



m/z--> Scan 2063 (14.481 min): VW025266.D\data.ms



Abundance Scan 2063 (14.481 min): VW025266.D\data.ms (



m/z--> Scan 2063 (14.481 min): VW025266.D\data.ms (

#67

1,2-Dichlorobenzene

Concen: 24.882 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025421

Tgt Ion:146 Resp: 270482

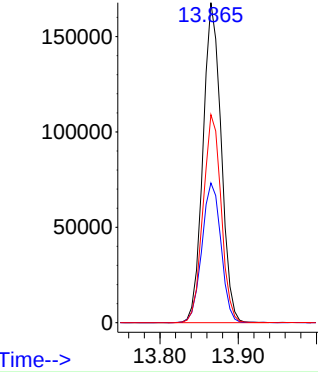
Ion Ratio Lower Upper

146 100

111 43.7 36.2 54.2

148 65.0 50.2 75.4

Abundance



#68

1,2-Dibromo-3-chloropropane

Concen: 24.579 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025266.D

Acq: 03 Feb 2023 09:06

Tgt Ion: 75 Resp: 18350

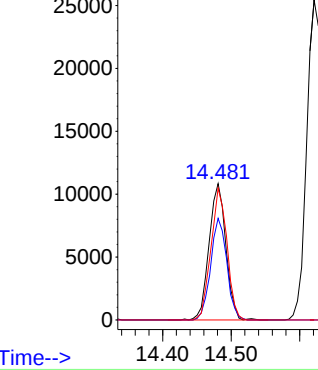
Ion Ratio Lower Upper

75 100

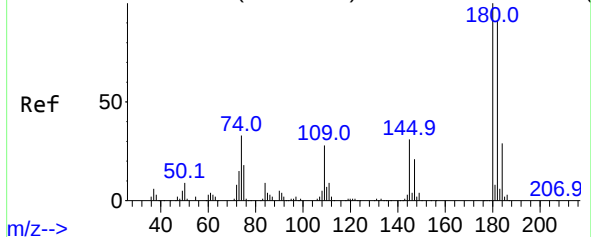
155 74.5 63.4 95.2

157 96.7 82.5 123.7

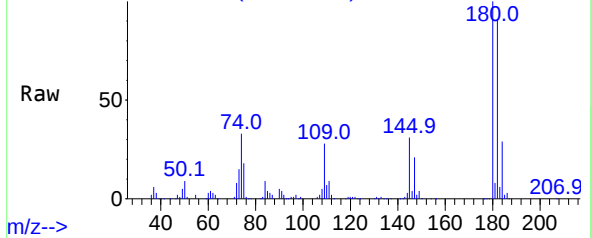
Abundance



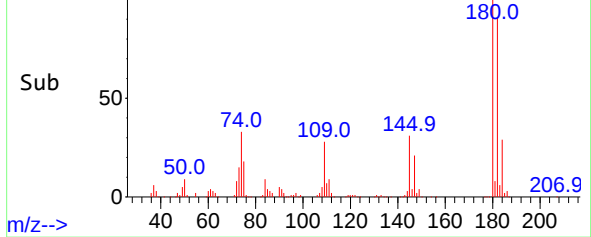
Abundance Scan 2087 (14.627 min): VW025266.D\data.ms (



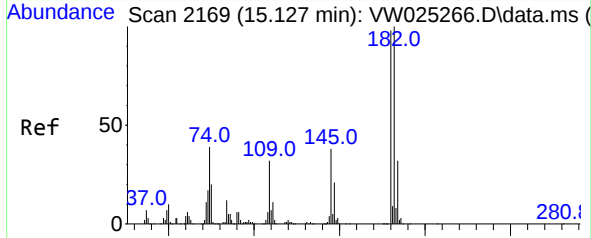
m/z--> Scan 2087 (14.627 min): VW025266.D\data.ms



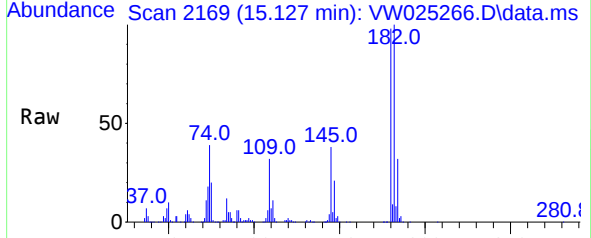
Abundance Scan 2087 (14.627 min): VW025266.D\data.ms (



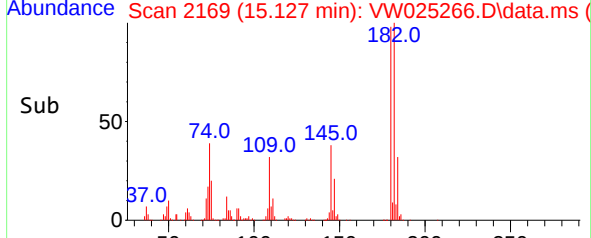
m/z--> Scan 2087 (14.627 min): VW025266.D\data.ms (



m/z--> Scan 2087 (14.627 min): VW025266.D\data.ms (



Abundance Scan 2087 (14.627 min): VW025266.D\data.ms (

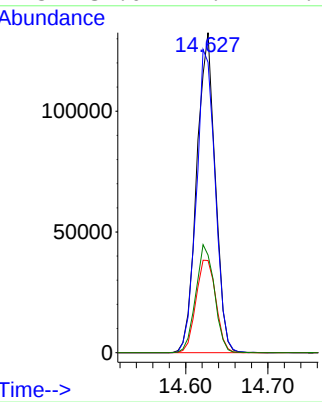


m/z--> Scan 2087 (14.627 min): VW025266.D\data.ms (

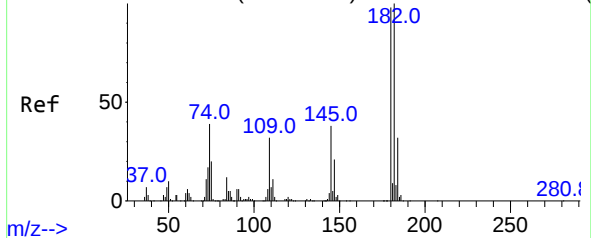
#69
1,3,5-Trichlorobenzene
Concen: 25.242 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

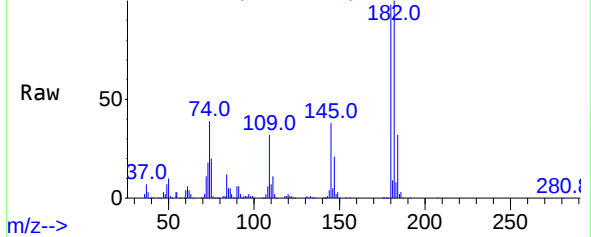
Tgt Ion:	180	Resp:	207066
Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.7	116.5
184	31.3	24.4	36.6
145	34.0	27.4	41.2



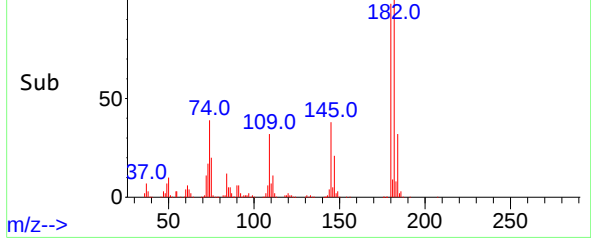
Abundance Scan 2169 (15.127 min): VW025266.D\data.ms (



m/z--> Scan 2169 (15.127 min): VW025266.D\data.ms



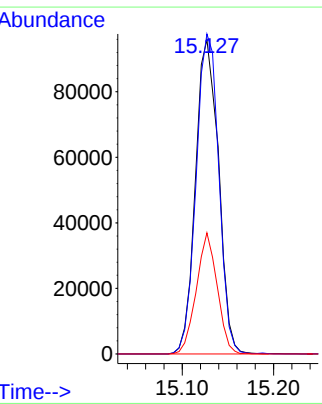
Abundance Scan 2169 (15.127 min): VW025266.D\data.ms (

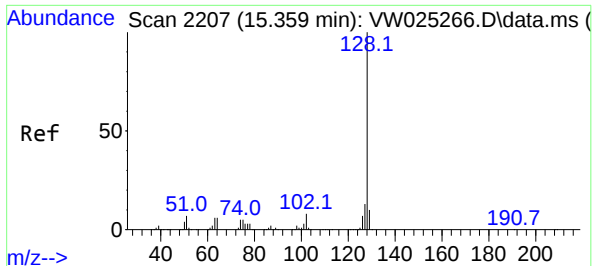


m/z--> Scan 2169 (15.127 min): VW025266.D\data.ms (

#70
1,2,4-trichlorobenzene
Concen: 25.120 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion:	180	Resp:	167788
Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.4	114.6
145	34.9	27.4	41.2

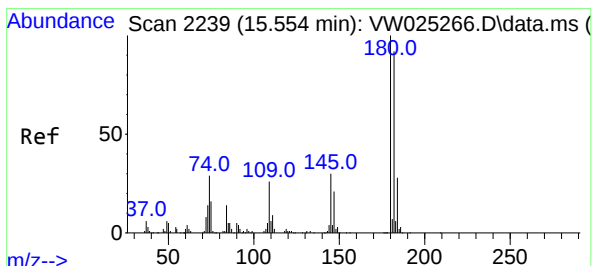
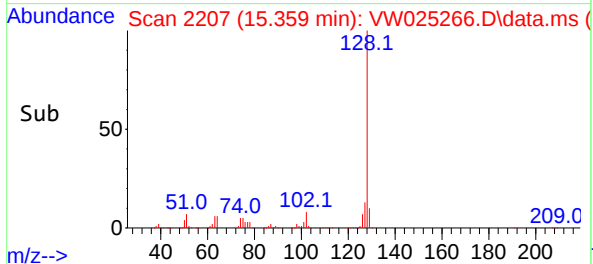
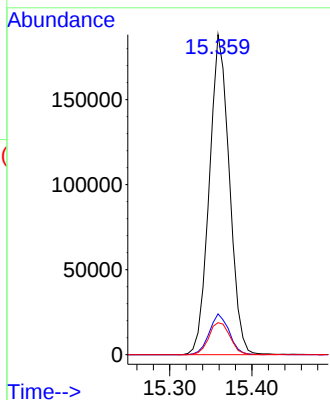
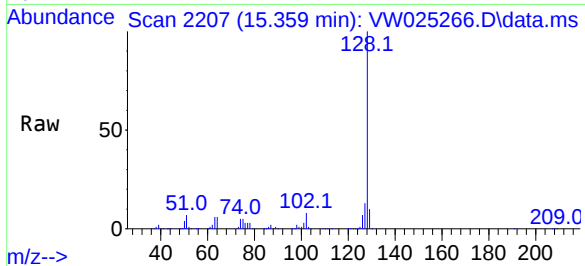




#71
Naphthalene
Concen: 26.142 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Instrument :
MSVOA_W
ClientSampleId :
VSTD025421

Tgt Ion:128 Resp: 319208
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.248 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW025266.D
Acq: 03 Feb 2023 09:06

Tgt Ion:180 Resp: 144804
Ion Ratio Lower Upper
180 100
182 94.3 75.1 112.7
145 35.2 28.8 43.2

