

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050923\
 Data File : VW025915.D
 Acq On : 09 May 2023 18:03
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Quant Time: May 09 23:21:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	605133	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	521252	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	234835	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	197039	22.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.920%
7) Chloroethane-d5	2.899	69	164932	25.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.760%
11) 1,1-Dichloroethene-d2	4.027	65	98614	22.966	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.880%
21) 2-Butanone-d5	7.075	46	138314	48.791	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.580%
24) Chloroform-d	7.648	84	452509	25.933	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.720%
26) 1,2-Dichloroethane-d4	8.307	65	242198	24.546	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.276	84	887458	26.056	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.240%
36) 1,2-Dichloropropane-d6	9.270	67	282404	25.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.640%
41) Toluene-d8	10.324	98	766757	25.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	10.574	79	107369	24.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.240%
47) 2-Hexanone-d5	10.922	63	96903	52.148	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	214330	25.804	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	217513	25.408	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	169435	25.062	ug/L	97
3) Chloromethane	2.222	50	265143	26.599	ug/L	98
5) Vinyl chloride	2.375	62	254747	24.690	ug/L	99
6) Bromomethane	2.789	94	146112	26.037	ug/L	99
8) Chloroethane	2.929	64	148156	25.253	ug/L	97
9) Trichlorofluoromethane	3.271	101	161993	20.804	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	195507	23.087	ug/L	95
12) 1,1-Dichloroethene	4.051	96	195484	24.154	ug/L	96
13) Acetone	4.118	43	96852	38.530	ug/L	100
14) Carbon disulfide	4.393	76	648394	23.691	ug/L	100
15) Methyl Acetate	4.667	43	121488	24.526	ug/L	99
16) Methylene chloride	4.917	84	232217	18.608	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	219843	24.900	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	337741	25.204	ug/L	99
19) 1,1-Dichloroethane	6.215	63	471016	25.966	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	243831	25.742	ug/L	97
22) 2-Butanone	7.166	43	153345	44.180	ug/L	100
23) Bromochloromethane	7.514	128	102888	25.640	ug/L	93
25) Chloroform	7.672	83	438666	26.312	ug/L	99

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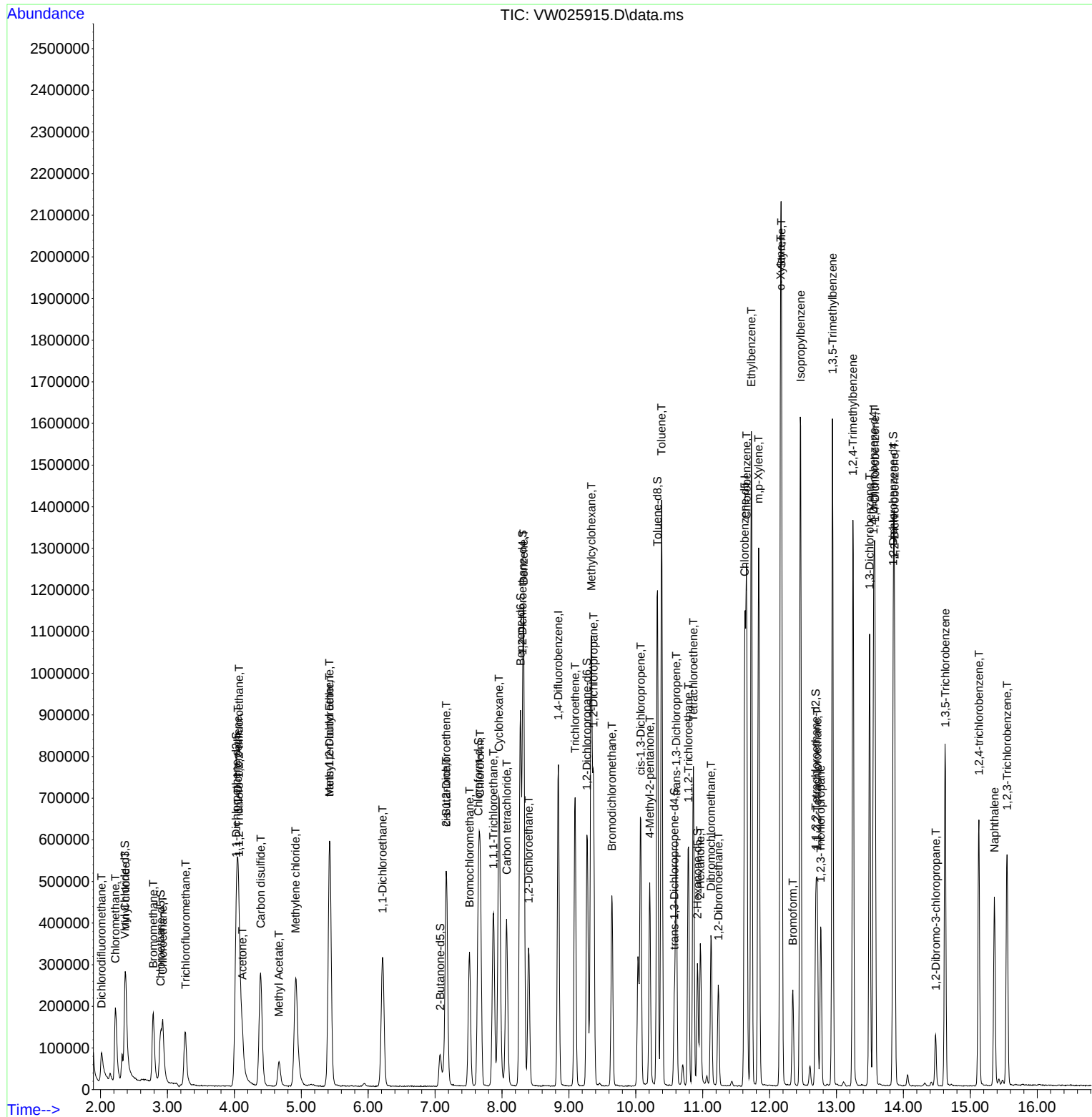
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 Quant Title : SFAM01.0
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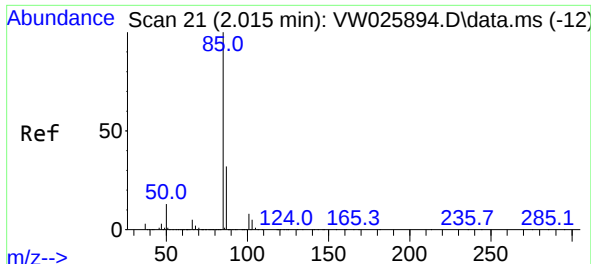
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	299338	25.282	ug/L	99
29) Cyclohexane	7.953	56	409717	25.364	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	336547	26.400	ug/L	99
31) Carbon tetrachloride	8.069	117	294681	25.686	ug/L	100
33) Benzene	8.325	78	967746	26.835	ug/L	100
34) Trichloroethene	9.093	95	243628	26.327	ug/L	94
35) Methylcyclohexane	9.337	83	406410	24.692	ug/L	100
37) 1,2-Dichloropropane	9.367	63	268187	27.144	ug/L	100
38) Bromodichloromethane	9.642	83	304836	26.892	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	373665	25.789	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	332964	51.773	ug/L	99
42) Toluene	10.385	91	976278	26.494	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	312178	26.002	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	175669	26.579	ug/L	98
46) Tetrachloroethene	10.861	164	161932	24.873	ug/L	89
48) 2-Hexanone	10.965	43	224657	48.762	ug/L	98
49) Dibromochloromethane	11.123	129	182834	26.720	ug/L	93
50) 1,2-Dibromoethane	11.233	107	162033	26.594	ug/L	100
51) Chlorobenzene	11.653	112	577606	25.303	ug/L	97
52) Ethylbenzene	11.727	91	1062507	25.634	ug/L	100
53) m,p-Xylene	11.836	106	391403	25.657	ug/L	95
54) o-Xylene	12.166	106	364965	25.382	ug/L	95
55) Styrene	12.178	104	623583	25.337	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	213538	25.893	ug/L	99
59) Bromoform	12.348	173	100291	28.832	ug/L	100
60) Isopropylbenzene	12.464	105	1013225	28.385	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	158692	28.593	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	790441	27.958	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	699066	26.794	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	409433	26.644	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	391130	25.194	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	355267	25.924	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	32864	25.536	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	228206	22.373	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	185927	21.758	ug/L	100
71) Naphthalene	15.360	128	356915	22.129	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	174732	23.045	ug/L	97

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

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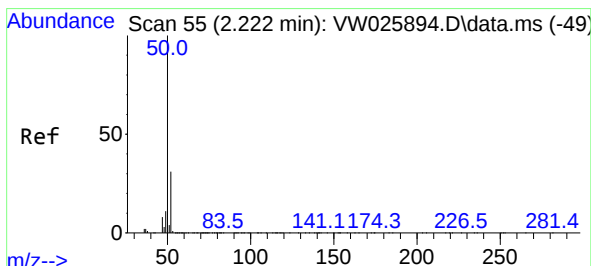
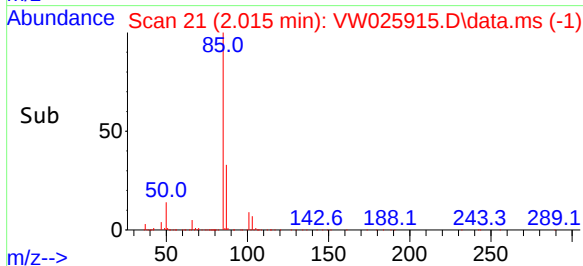
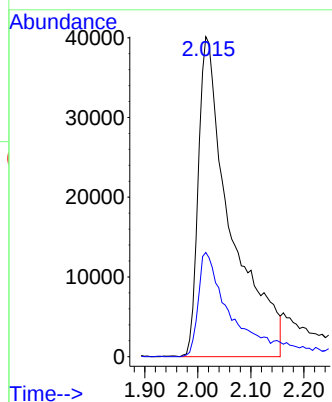
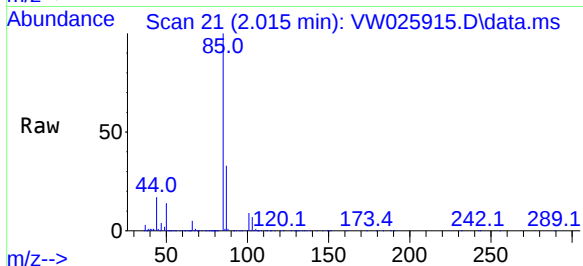




#2
Dichlorodifluoromethane
Concen: 25.062 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

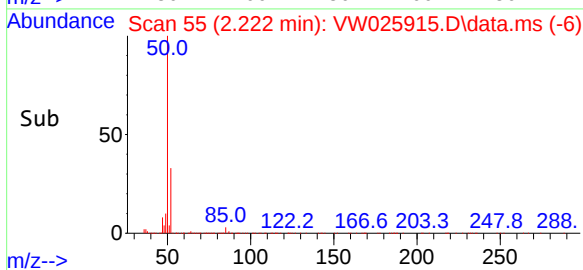
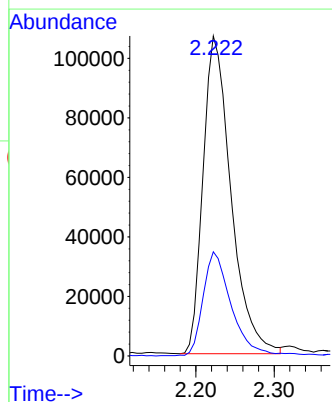
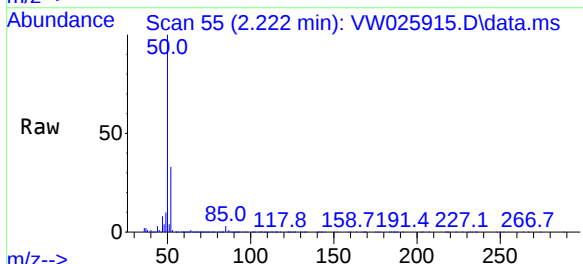
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

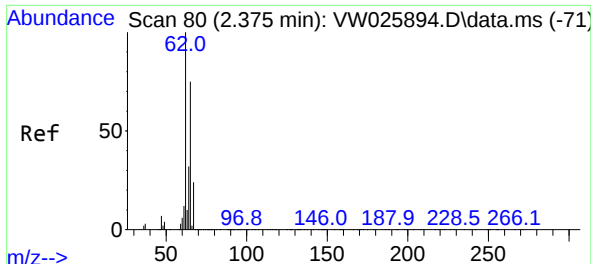
Tgt Ion: 85 Resp: 169435
Ion Ratio Lower Upper
85 100
87 29.5 24.7 37.1



#3
Chloromethane
Concen: 26.599 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 50 Resp: 265143
Ion Ratio Lower Upper
50 100
52 32.6 22.1 41.1

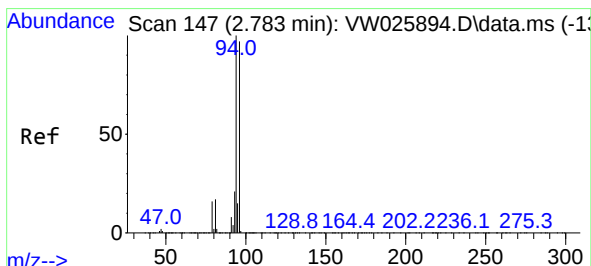
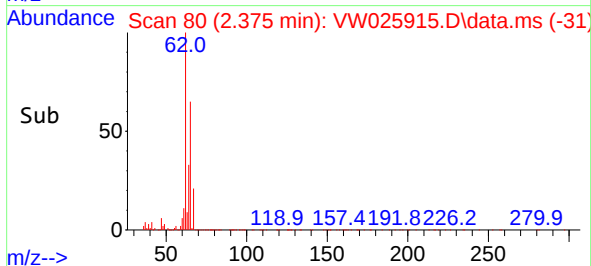
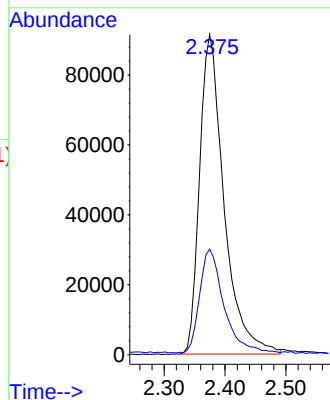
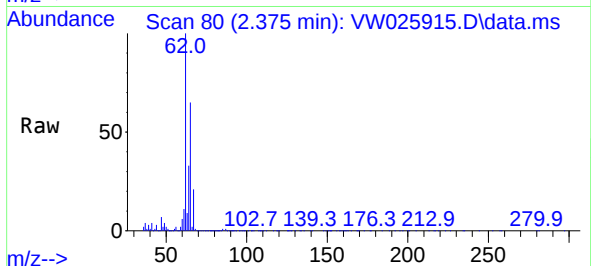




#5
 Vinyl chloride
 Concen: 24.690 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025915.D
 Acq: 09 May 2023 18:03

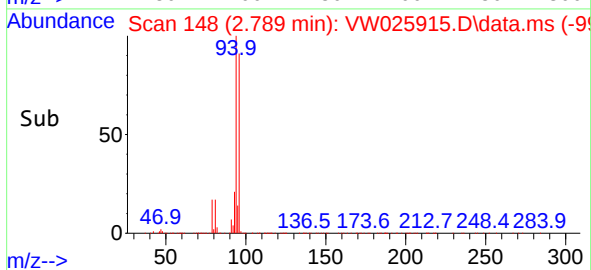
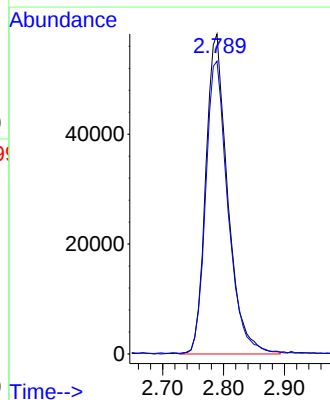
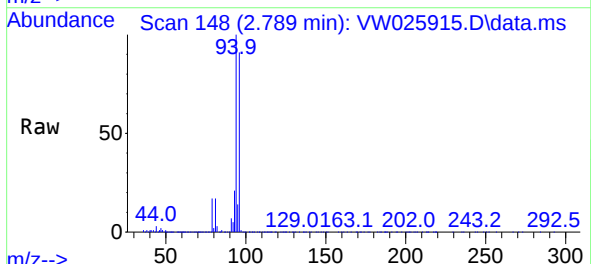
Instrument :
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 ClientSampleId :
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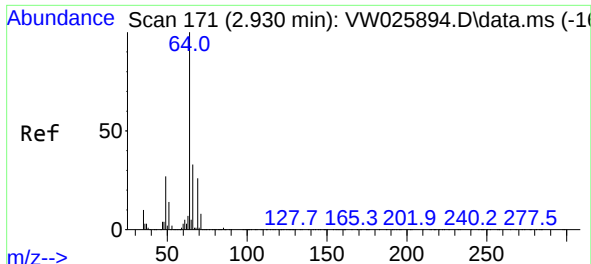
Tgt Ion: 62 Resp: 254747
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.3



#6
 Bromomethane
 Concen: 26.037 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025915.D
 Acq: 09 May 2023 18:03

Tgt Ion: 94 Resp: 146112
 Ion Ratio Lower Upper
 94 100
 96 91.5 63.1 117.1

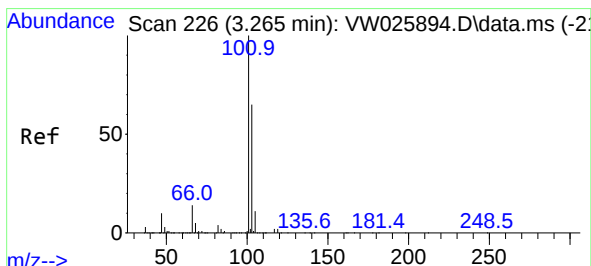
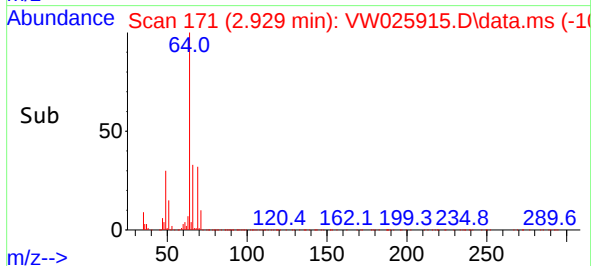
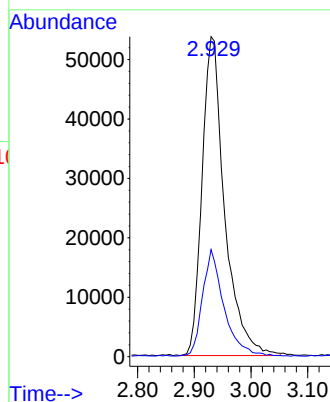
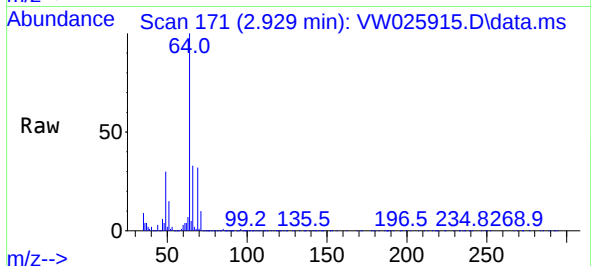




#8
Chloroethane
Concen: 25.253 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

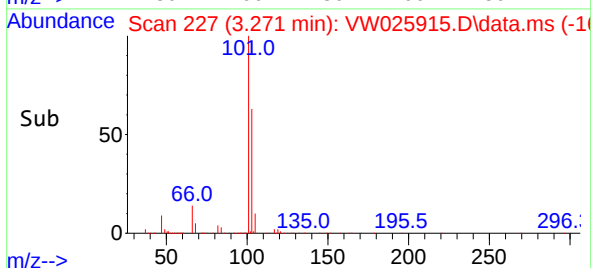
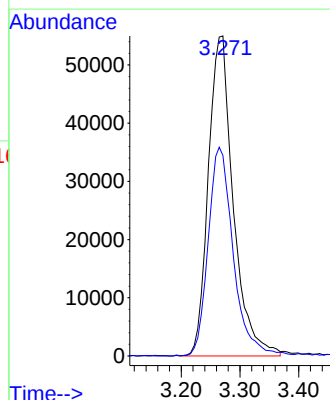
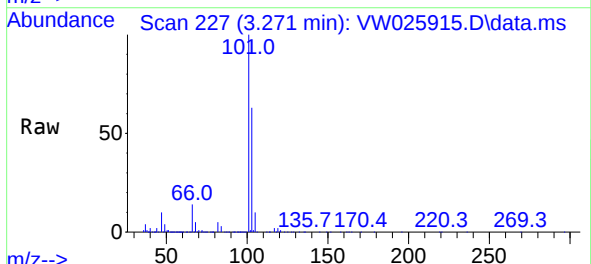
Instrument :
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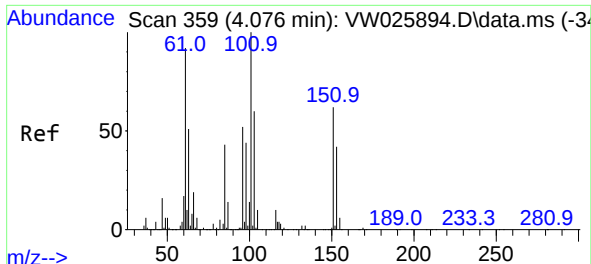
Tgt Ion: 64 Resp: 148156
Ion Ratio Lower Upper
64 100
66 33.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 20.804 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion:101 Resp: 161993
Ion Ratio Lower Upper
101 100
103 65.5 50.6 76.0

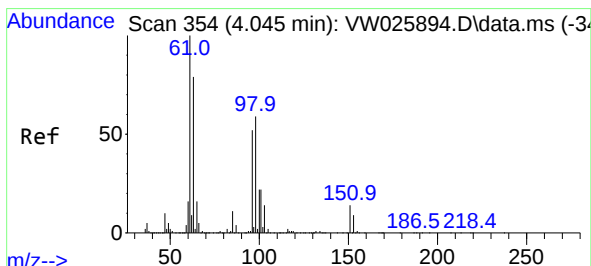
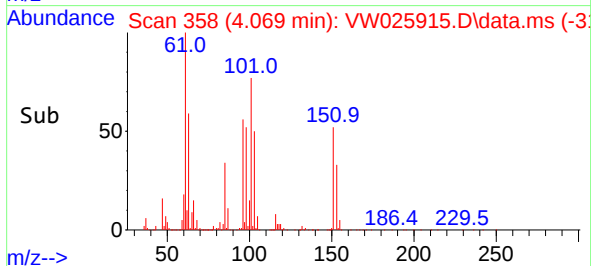
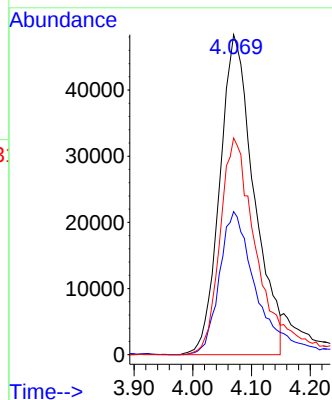
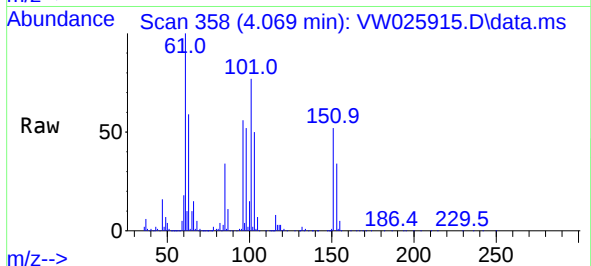




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.087 ug/L
RT: 4.069 min Scan# 310
Delta R.T. -0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

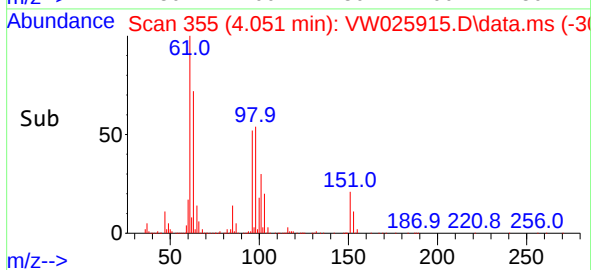
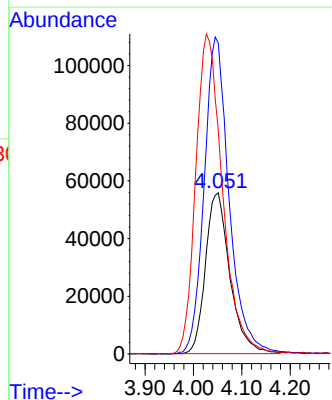
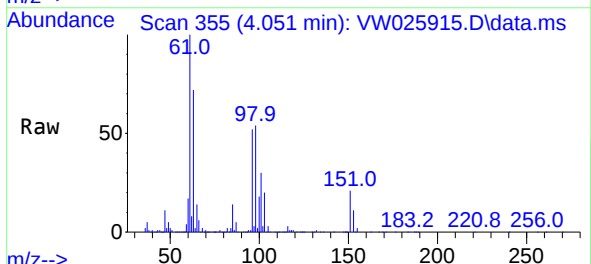
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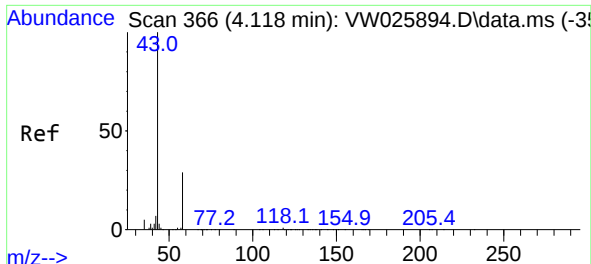
Tgt Ion:101 Resp: 195507
Ion Ratio Lower Upper
101 100
85 48.6 33.9 50.9
151 65.8 54.2 81.2



#12
1,1-Dichloroethene
Concen: 24.154 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 96 Resp: 195484
Ion Ratio Lower Upper
96 100
61 192.9 135.0 250.8
63 138.9 104.9 194.7

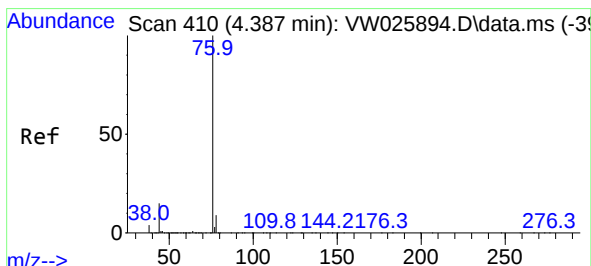
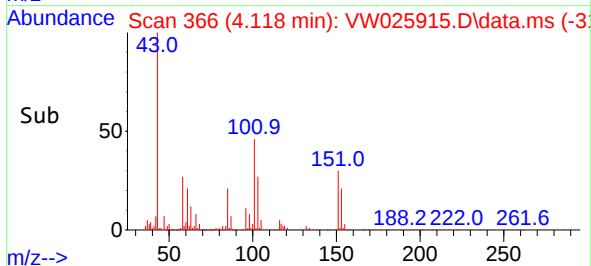
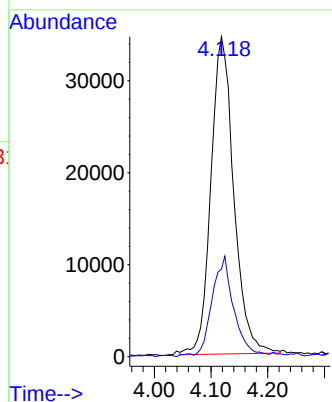
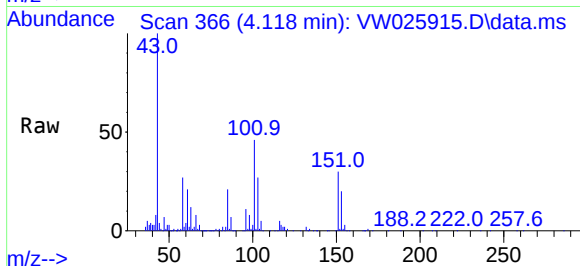




#13
Acetone
Concen: 38.530 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

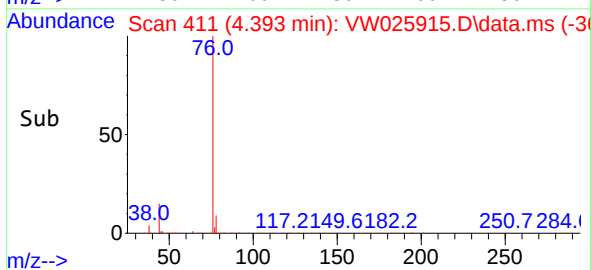
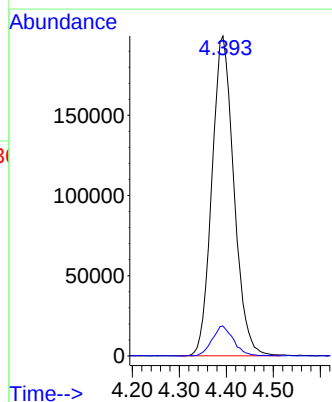
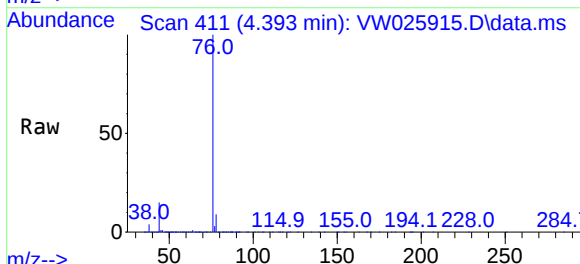
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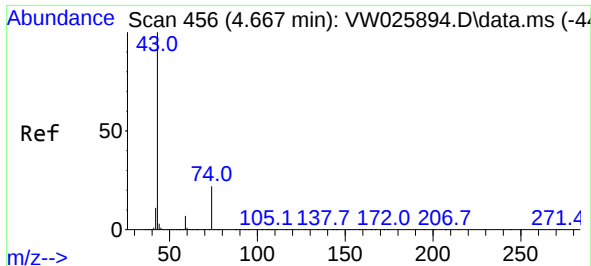
Tgt Ion: 43 Resp: 96852
Ion Ratio Lower Upper
43 100
58 29.1 0.0 58.2



#14
Carbon disulfide
Concen: 23.691 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 76 Resp: 648394
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

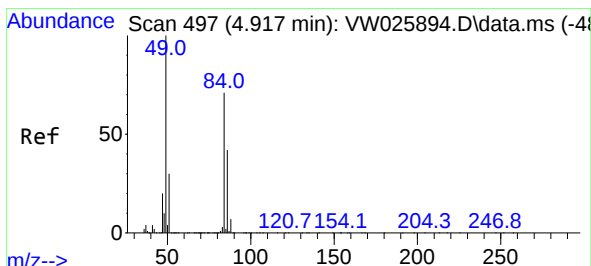
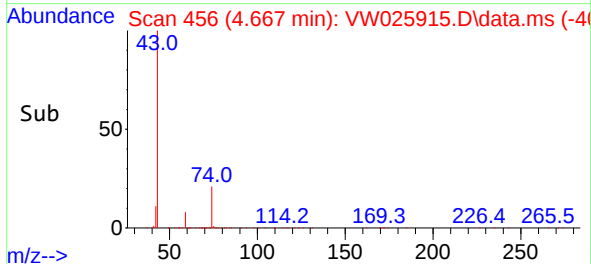
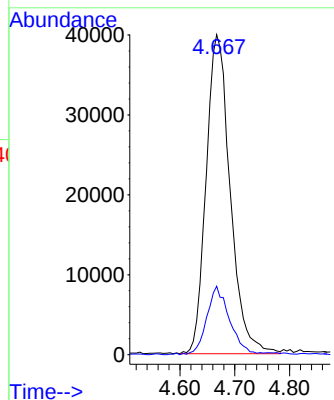
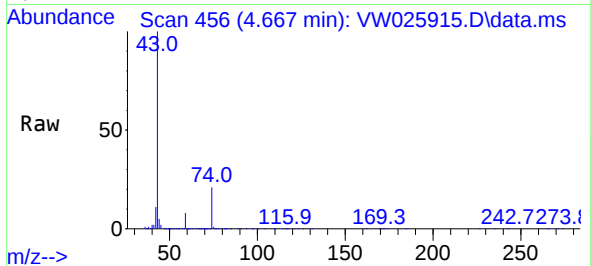




#15
Methyl Acetate
Concen: 24.526 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

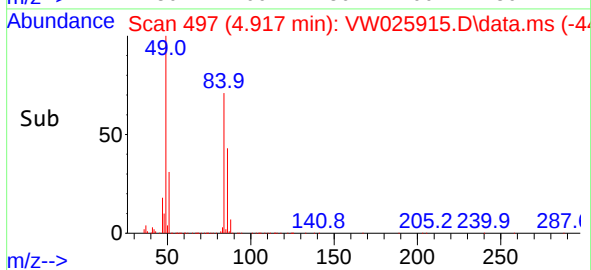
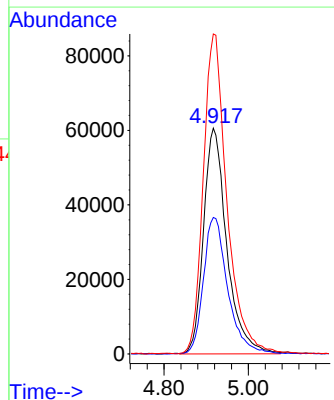
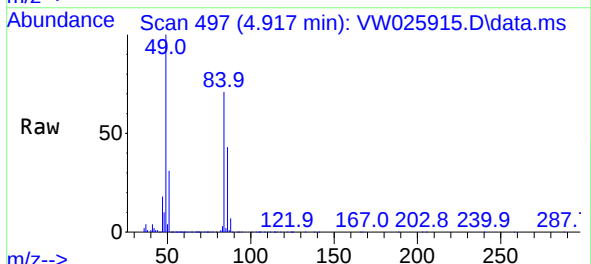
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

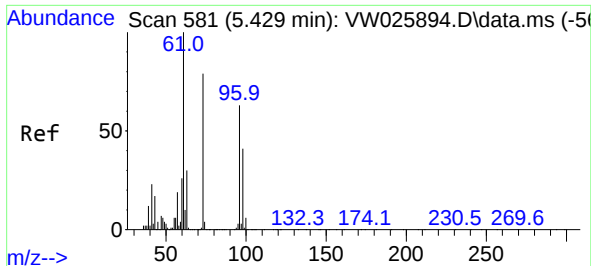
Tgt Ion: 43 Resp: 121488
Ion Ratio Lower Upper
43 100
74 20.2 16.5 24.7



#16
Methylene chloride
Concen: 18.608 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 84 Resp: 232217
Ion Ratio Lower Upper
84 100
86 60.4 41.7 77.5
49 141.7 95.3 177.1

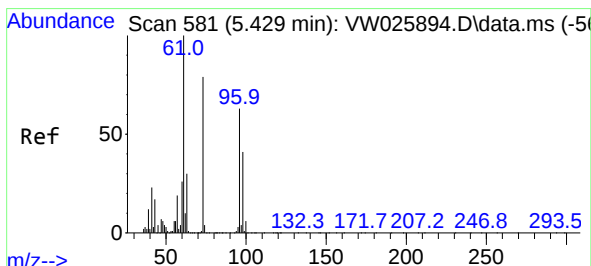
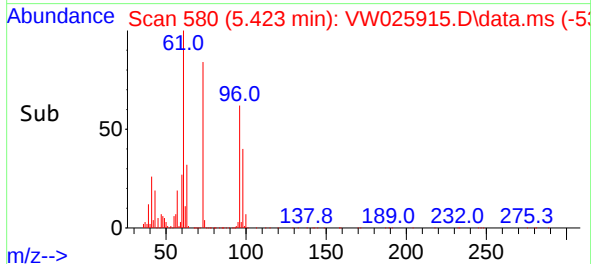
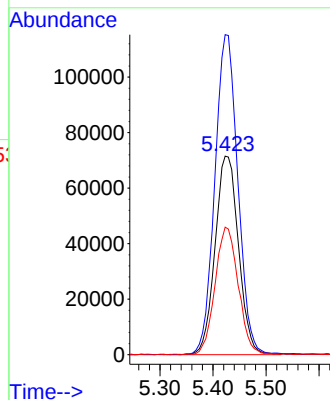
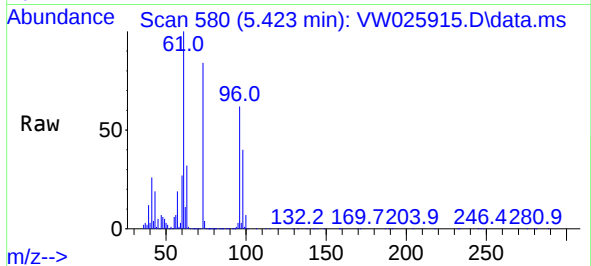




#17
trans-1,2-Dichloroethene
Concen: 24.900 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

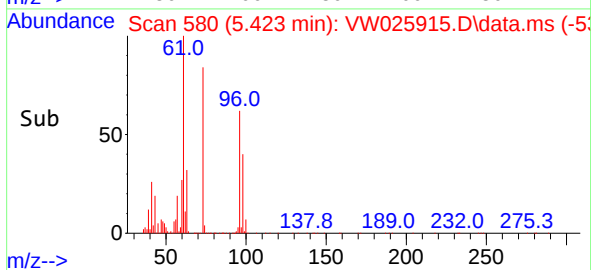
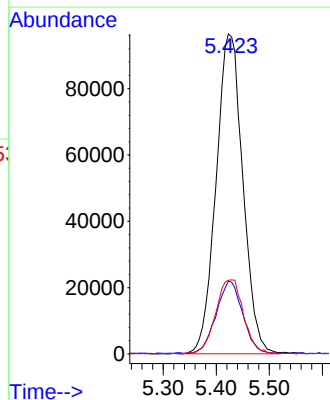
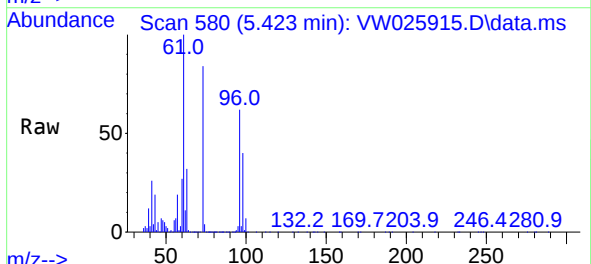
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

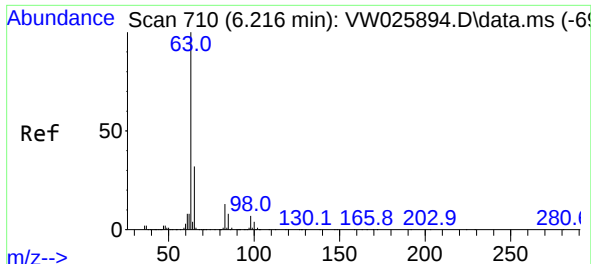
Tgt Ion: 96 Resp: 219843
Ion Ratio Lower Upper
96 100
61 161.2 108.1 200.9
98 64.2 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 25.204 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 73 Resp: 337741
Ion Ratio Lower Upper
73 100
43 22.3 18.2 27.4
57 24.0 19.2 28.8





#19

1,1-Dichloroethane

Concen: 25.966 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW025915.D

Acq: 09 May 2023 18:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

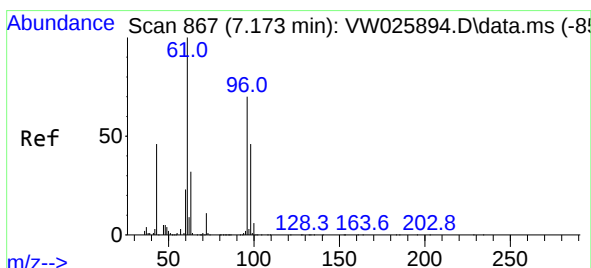
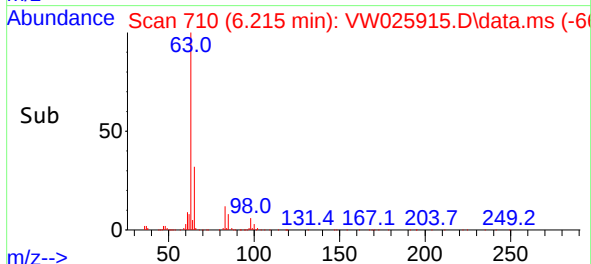
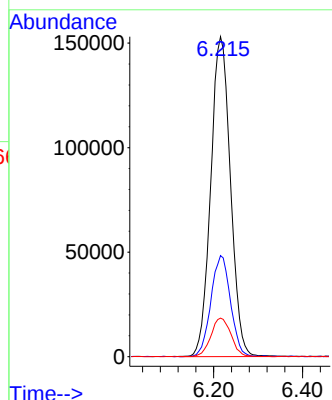
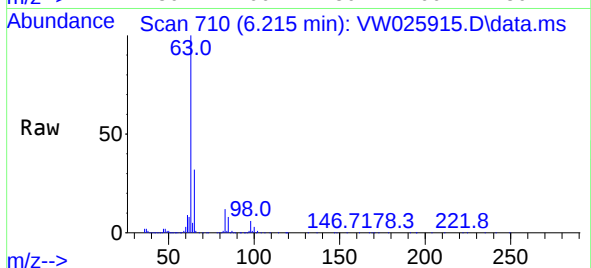
Tgt Ion: 63 Resp: 471016

Ion Ratio Lower Upper

63 100

65 31.6 22.4 41.6

83 12.0 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 25.742 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW025915.D

Acq: 09 May 2023 18:03

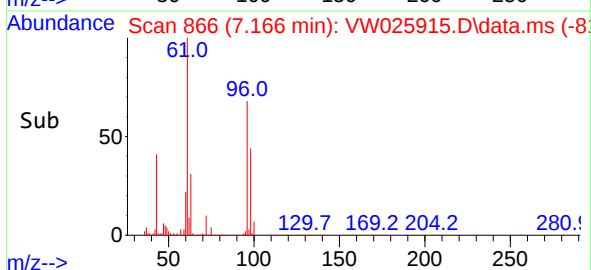
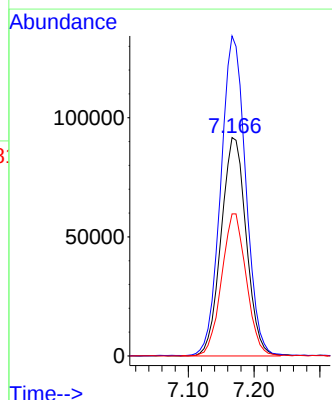
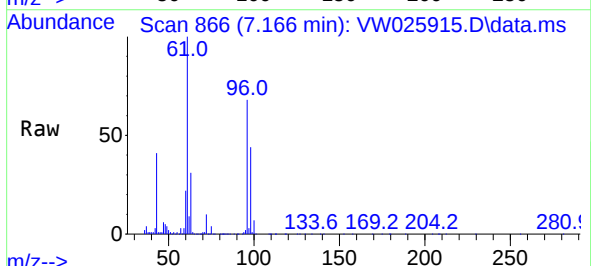
Tgt Ion: 96 Resp: 243831

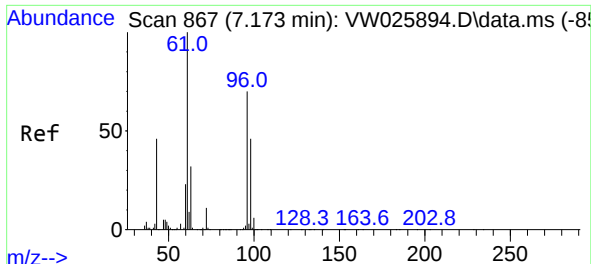
Ion Ratio Lower Upper

96 100

61 146.5 98.6 183.0

98 65.0 45.2 84.0

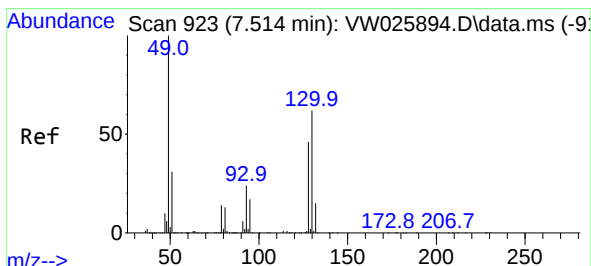
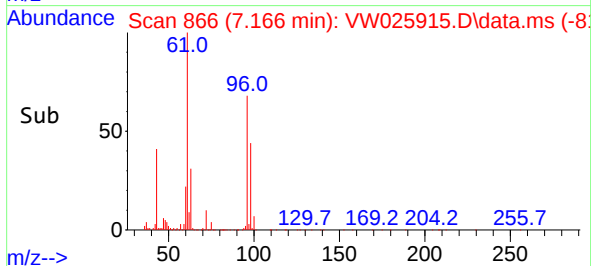
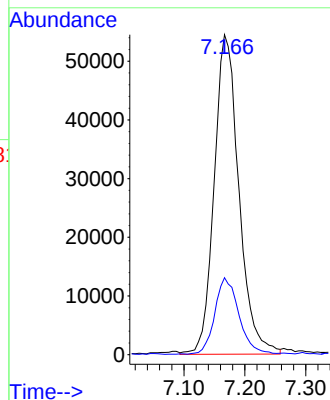
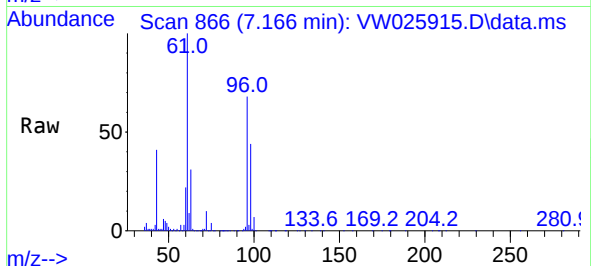




#22
2-Butanone
Concen: 44.180 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

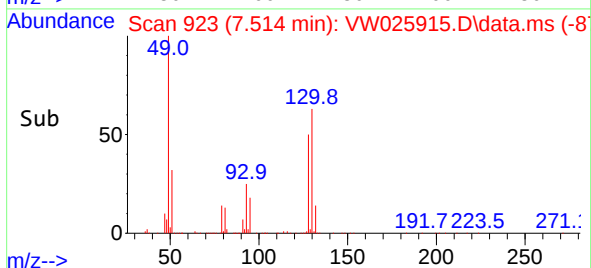
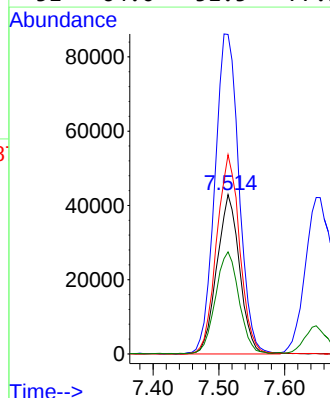
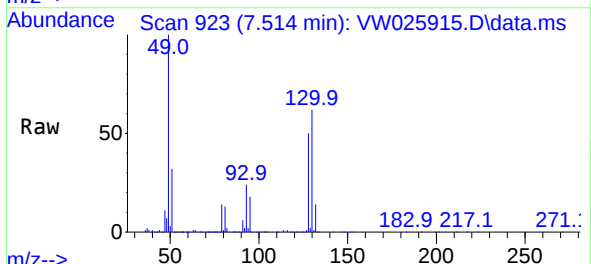
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

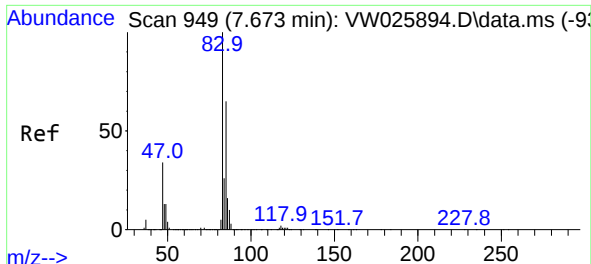
Tgt Ion: 43 Resp: 153345
Ion Ratio Lower Upper
43 100
72 23.6 11.8 35.4



#23
Bromochloromethane
Concen: 25.640 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 128 Resp: 102888
Ion Ratio Lower Upper
128 100
49 200.4 151.5 281.5
130 124.9 91.3 169.6
51 64.0 51.5 77.3





#25

Chloroform

Concen: 26.312 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW025915.D

Acq: 09 May 2023 18:03

Instrument :

MSVOA_W

ClientSampleId :

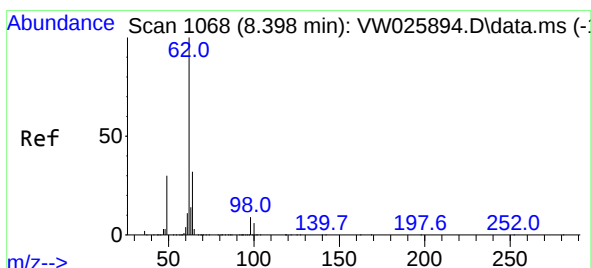
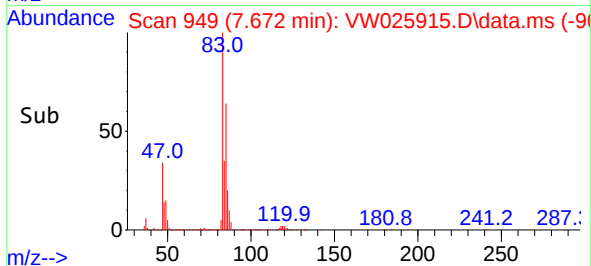
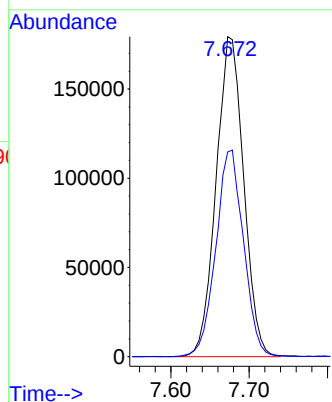
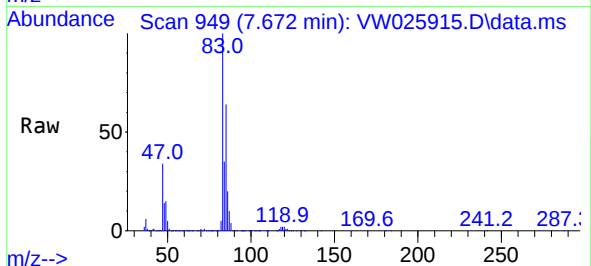
VSTD025482

Tgt Ion: 83 Resp: 438666

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.9



#27

1,2-Dichloroethane

Concen: 25.282 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW025915.D

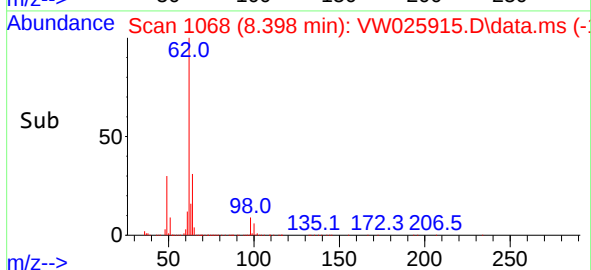
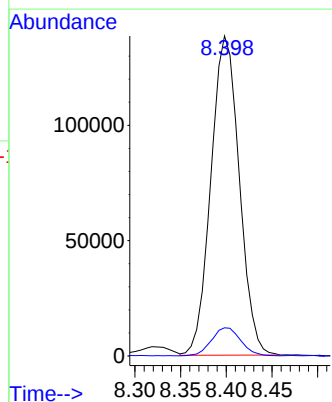
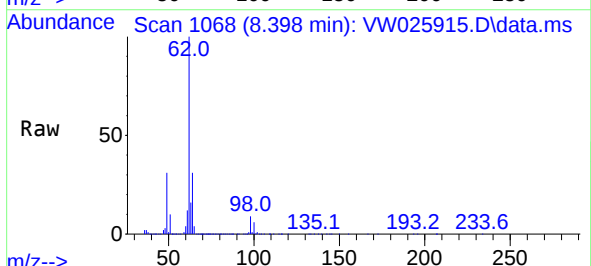
Acq: 09 May 2023 18:03

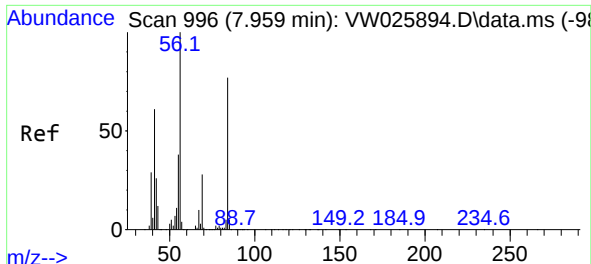
Tgt Ion: 62 Resp: 299338

Ion Ratio Lower Upper

62 100

98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 25.364 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW025915.D

Acq: 09 May 2023 18:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

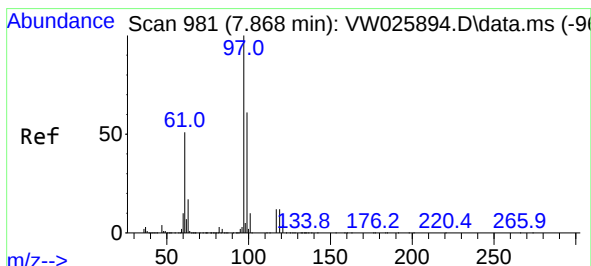
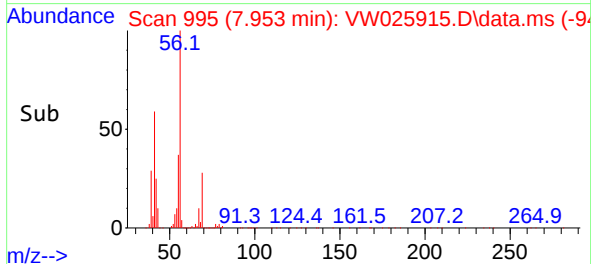
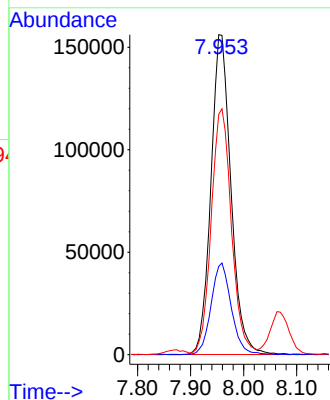
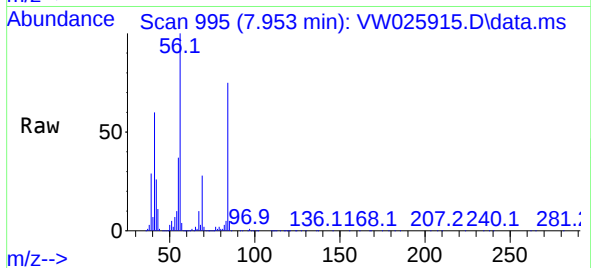
Tgt Ion: 56 Resp: 409717

Ion Ratio Lower Upper

56 100

69 28.8 23.4 35.0

84 77.6 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 26.400 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW025915.D

Acq: 09 May 2023 18:03

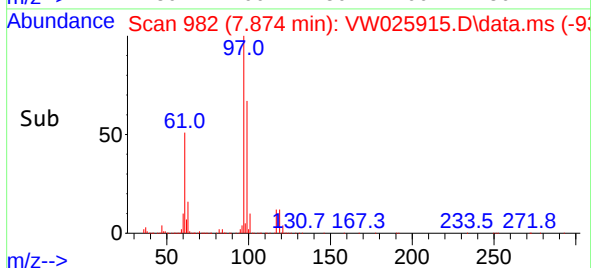
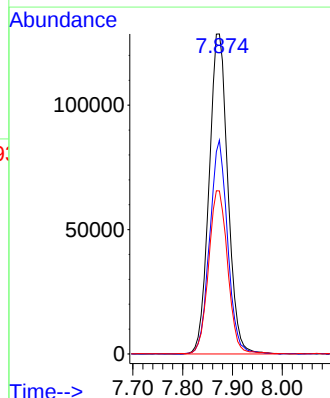
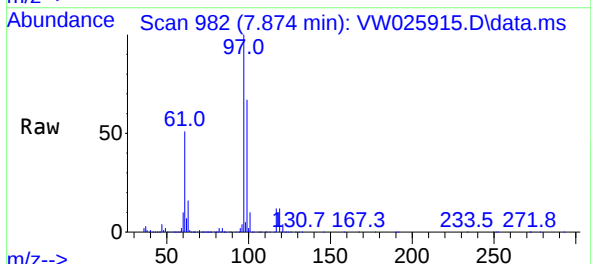
Tgt Ion: 97 Resp: 336547

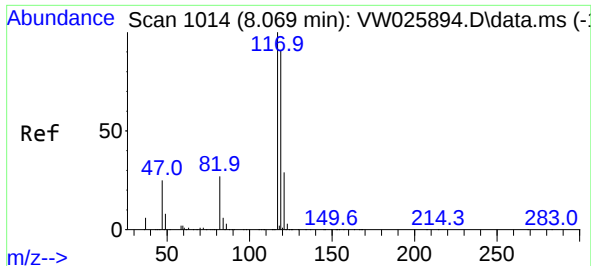
Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 51.4 40.4 60.6

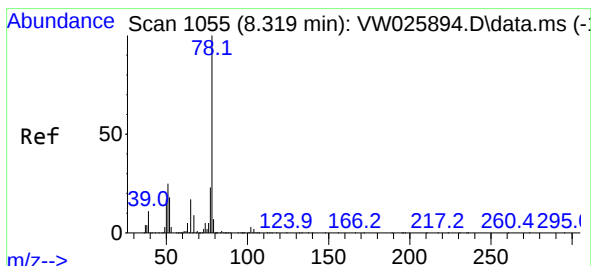
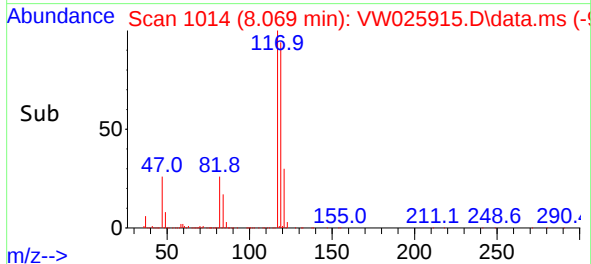
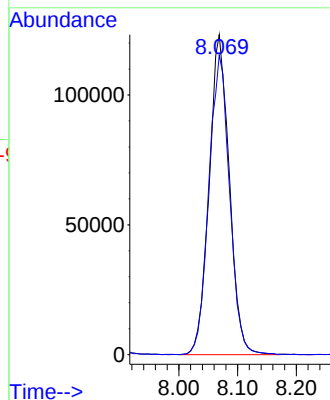
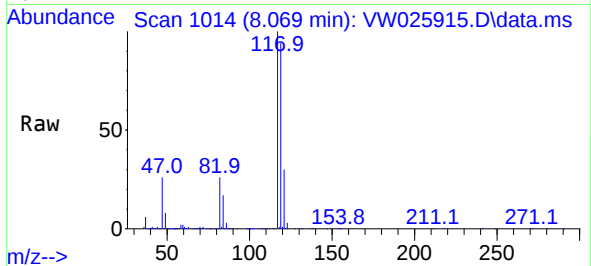




#31
Carbon tetrachloride
Concen: 25.686 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

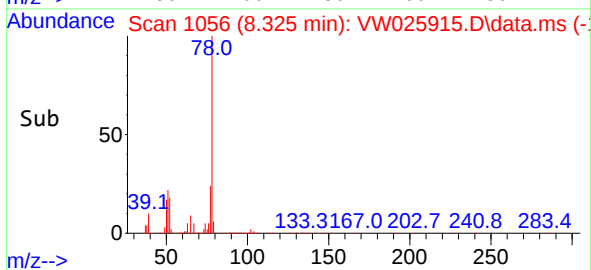
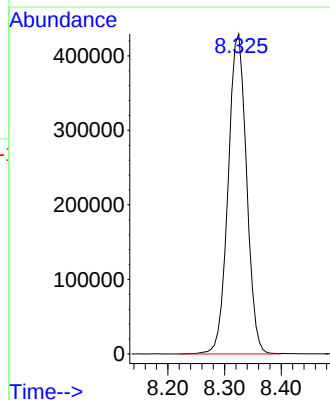
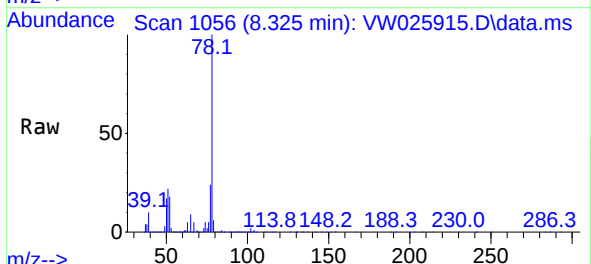
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

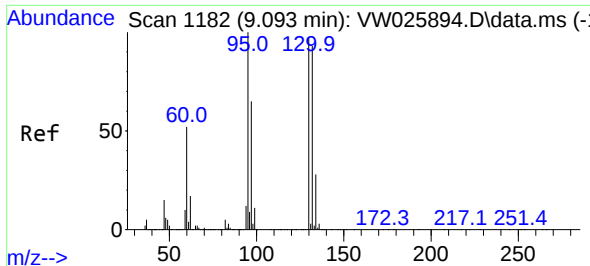
Tgt Ion:117 Resp: 294681
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3



#33
Benzene
Concen: 26.835 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 78 Resp: 967746



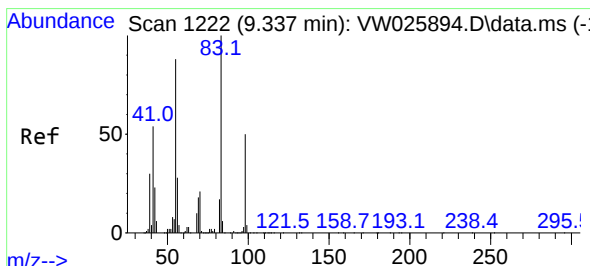
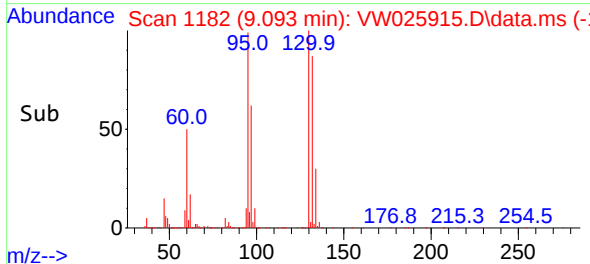
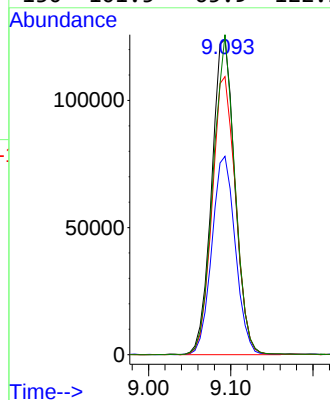
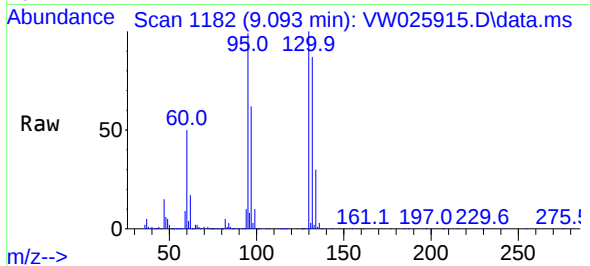


#34
Trichloroethene
Concen: 26.327 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Tgt Ion: 95 Resp: 243628

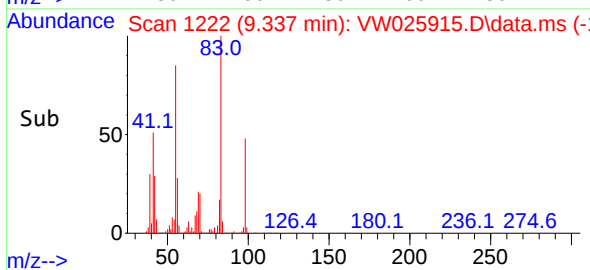
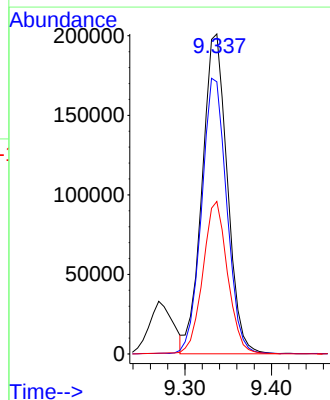
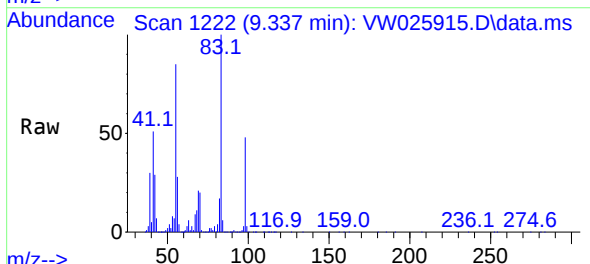
Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.9	85.3
132	88.2	66.0	122.6
130	101.5	65.9	122.3

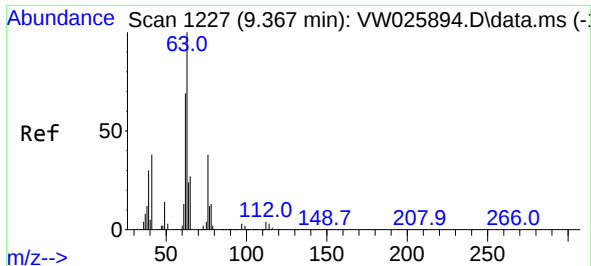


#35
Methylcyclohexane
Concen: 24.692 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 83 Resp: 406410

Ion	Ratio	Lower	Upper
83	100		
55	86.0	69.0	103.4
98	46.7	37.1	55.7





#37

1,2-Dichloropropane

Concen: 27.144 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025915.D

Acq: 09 May 2023 18:03

Instrument :

MSVOA_W

ClientSampleId :

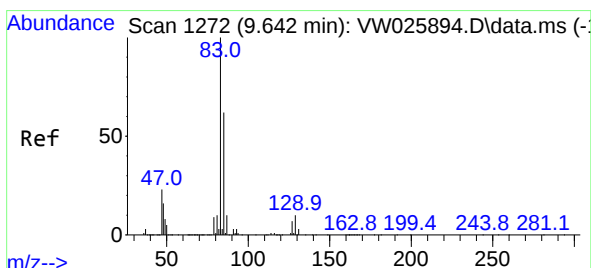
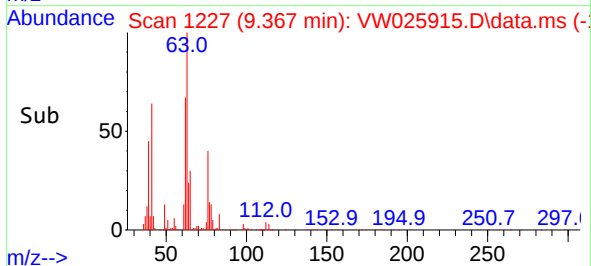
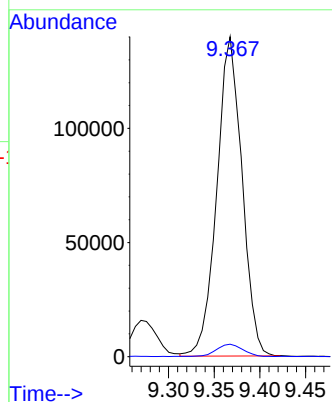
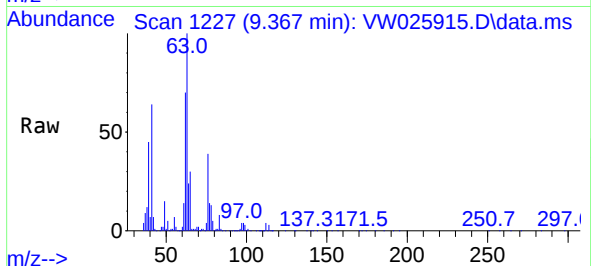
VSTD025482

Tgt Ion: 63 Resp: 268187

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 26.892 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025915.D

Acq: 09 May 2023 18:03

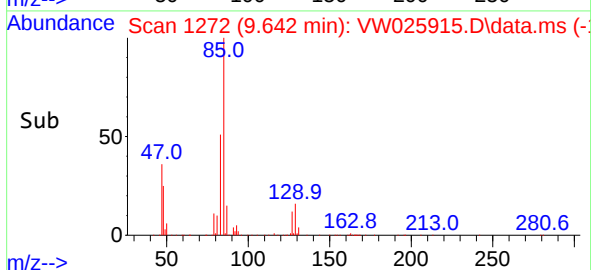
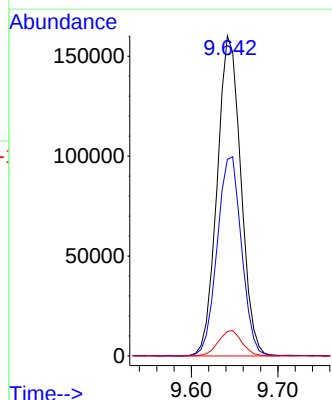
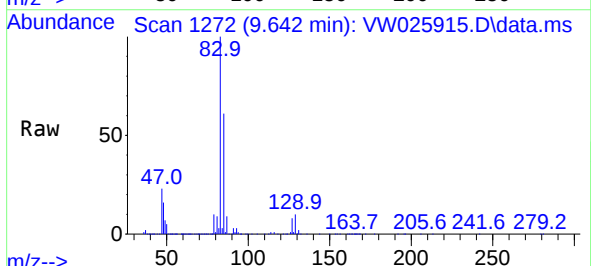
Tgt Ion: 83 Resp: 304836

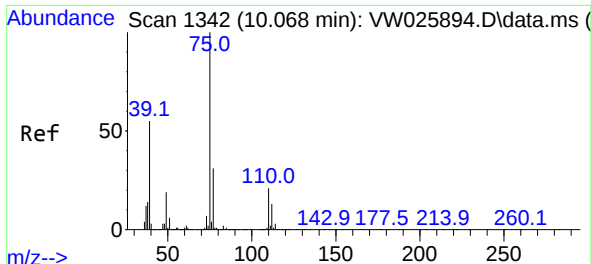
Ion Ratio Lower Upper

83 100

85 61.5 44.4 82.5

127 7.6 6.5 9.7

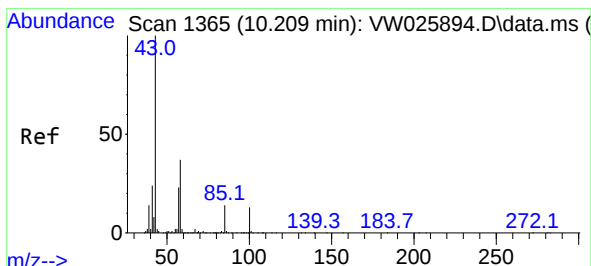
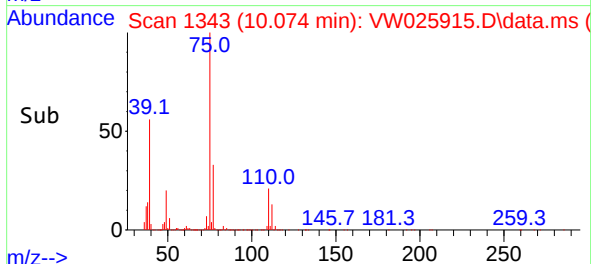
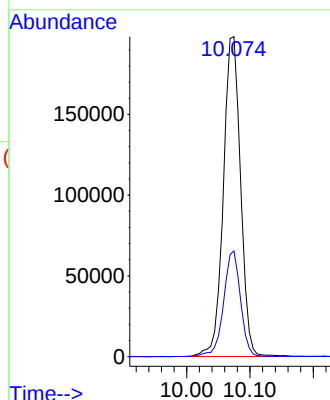
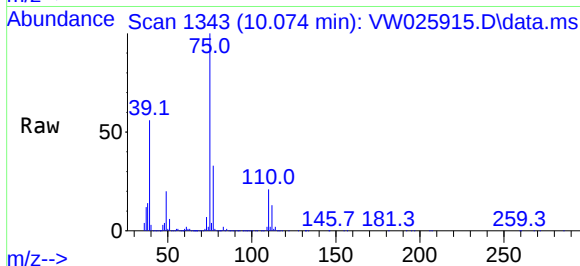




#39
 cis-1,3-Dichloropropene
 Concen: 25.789 ug/L
 RT: 10.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW025915.D
 Acq: 09 May 2023 18:03

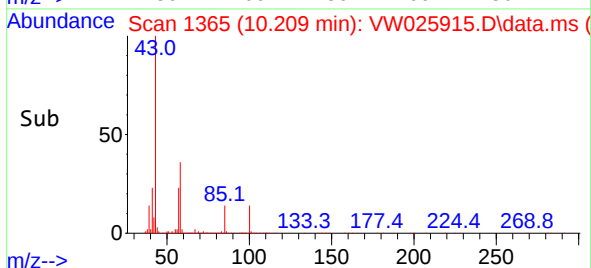
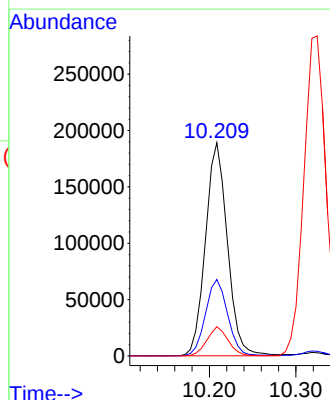
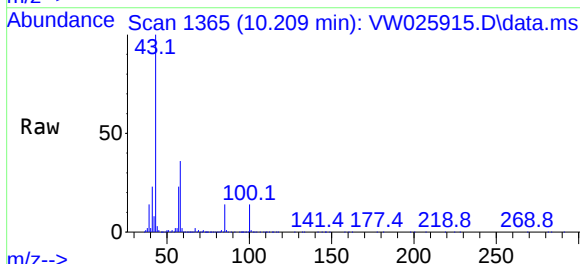
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

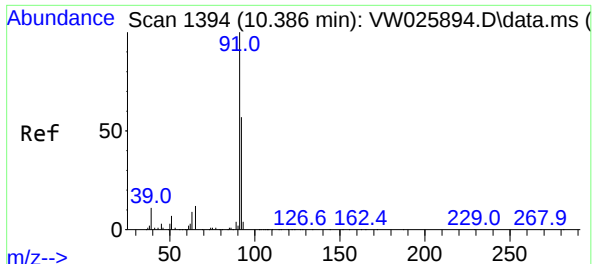
Tgt Ion: 75 Resp: 373665
 Ion Ratio Lower Upper
 75 100
 77 33.1 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 51.773 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025915.D
 Acq: 09 May 2023 18:03

Tgt Ion: 43 Resp: 332964
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.4 44.0
 100 13.3 10.1 15.1





#42

Toluene

Concen: 26.494 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW025915.D

Acq: 09 May 2023 18:03

Instrument :

MSVOA_W

ClientSampleId :

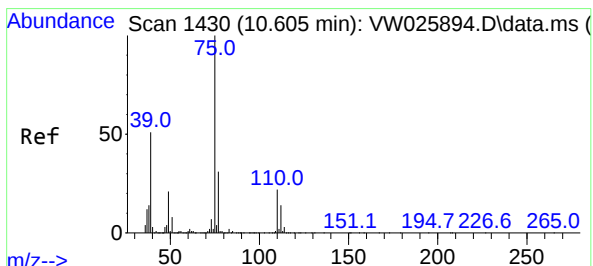
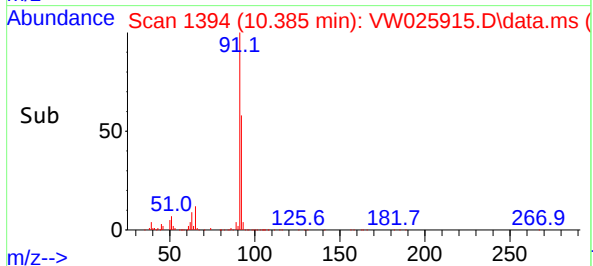
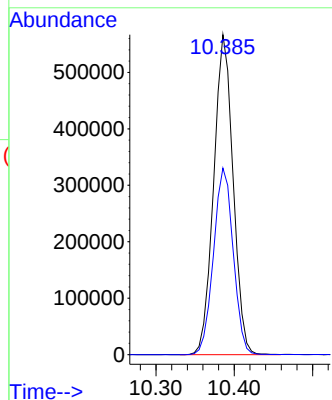
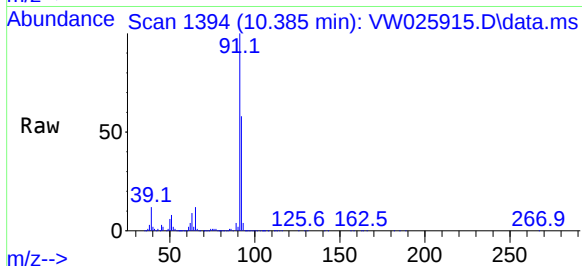
VSTD025482

Tgt Ion: 91 Resp: 976278

Ion Ratio Lower Upper

91 100

92 58.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 26.002 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW025915.D

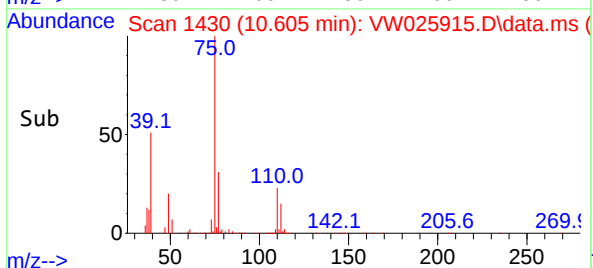
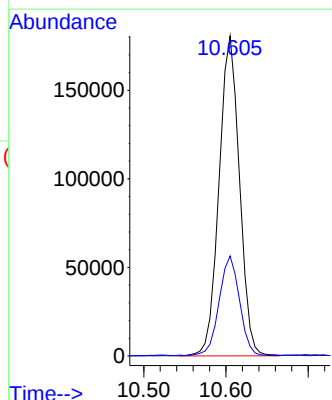
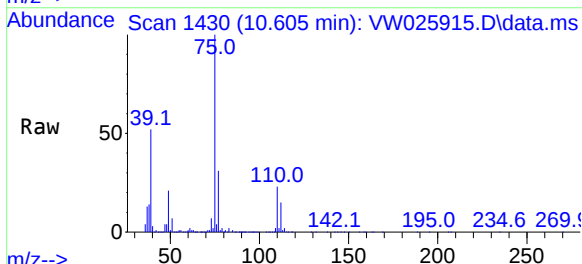
Acq: 09 May 2023 18:03

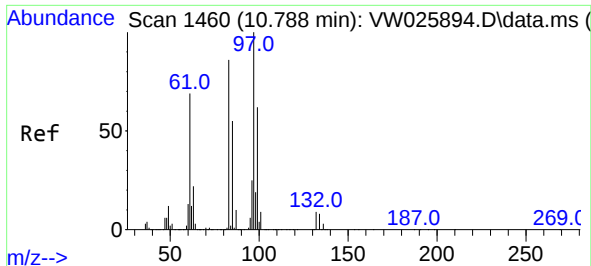
Tgt Ion: 75 Resp: 312178

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4



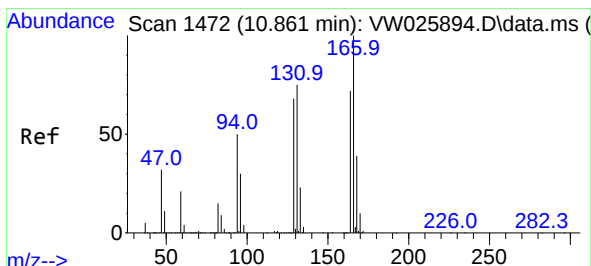
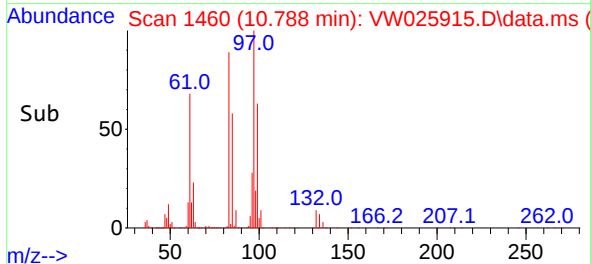
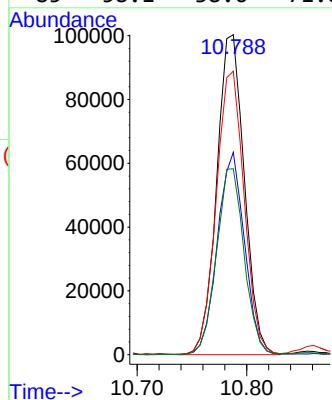
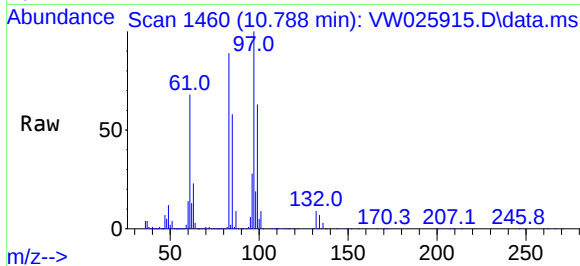


#45
1,1,2-Trichloroethane
Concen: 26.579 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Tgt Ion: 97 Resp: 175669

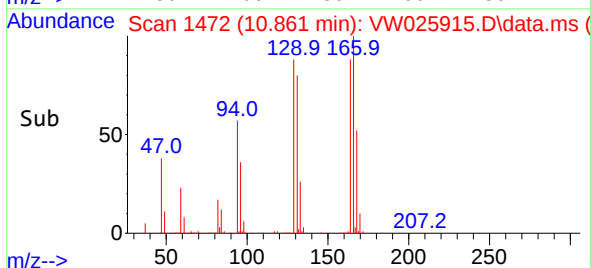
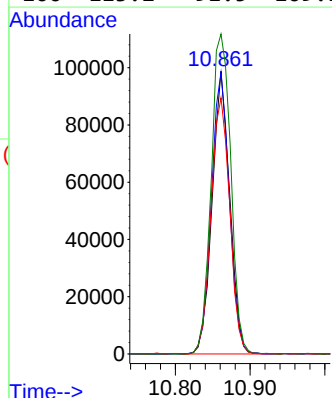
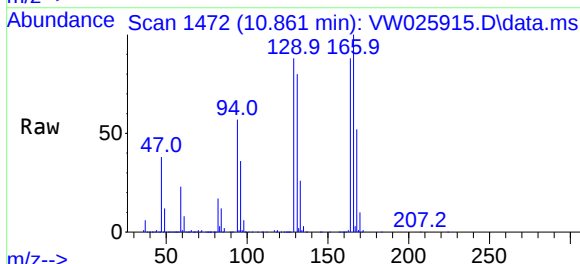
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.5	82.7
83	88.6	63.0	117.0
85	58.1	38.6	71.8

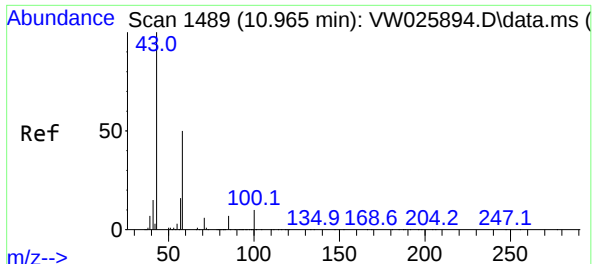


#46
Tetrachloroethene
Concen: 24.873 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 164 Resp: 161932

Ion	Ratio	Lower	Upper
164	100		
129	99.6	74.3	138.1
131	90.6	71.3	132.3
166	113.2	91.5	169.9



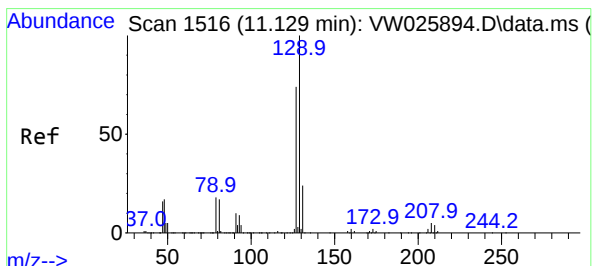
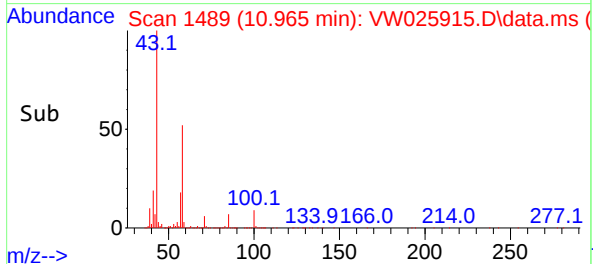
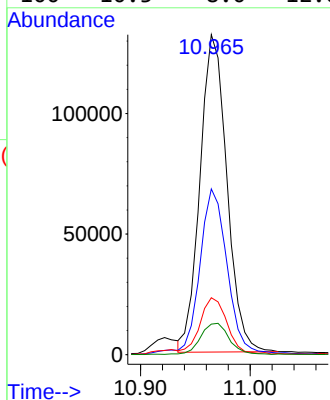
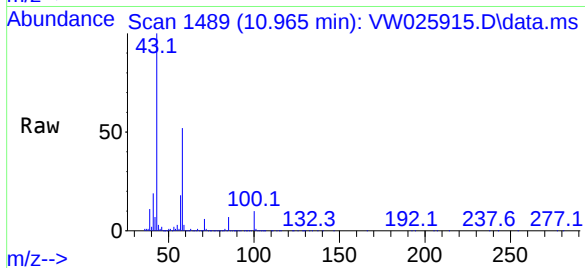


#48
2-Hexanone
Concen: 48.762 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Tgt Ion: 43 Resp: 224657

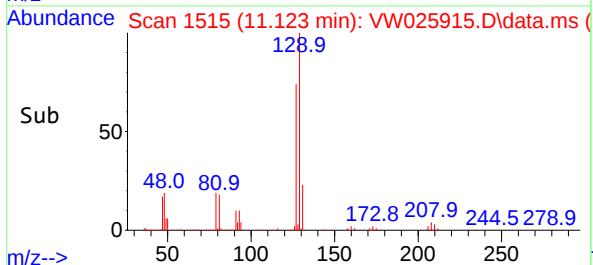
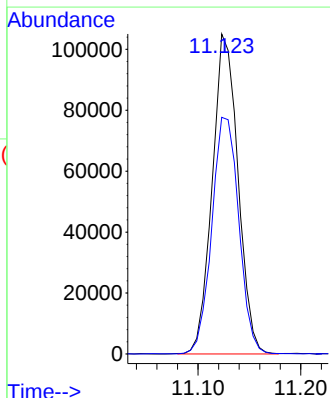
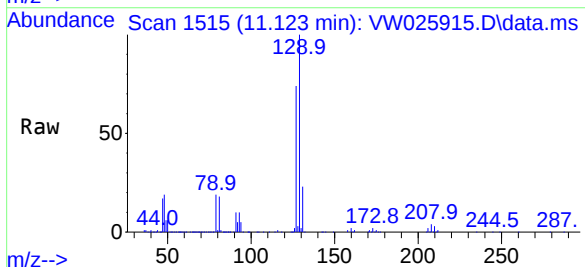
Ion	Ratio	Lower	Upper
43	100		
58	52.9	40.8	61.2
57	18.2	13.6	20.4
100	10.3	8.0	12.0

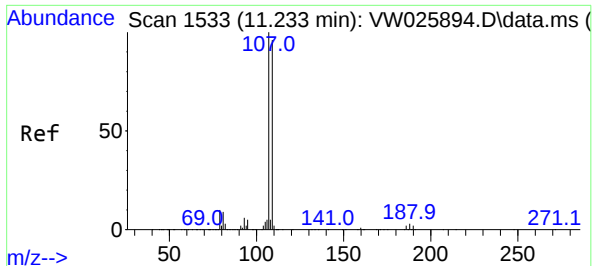


#49
Dibromochloromethane
Concen: 26.720 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 129 Resp: 182834

Ion	Ratio	Lower	Upper
129	100		
127	74.0	56.1	104.3



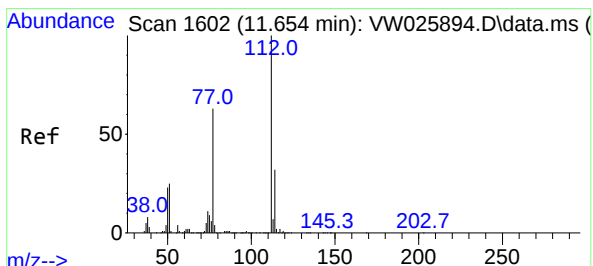
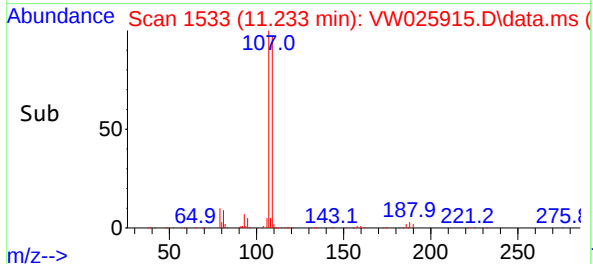
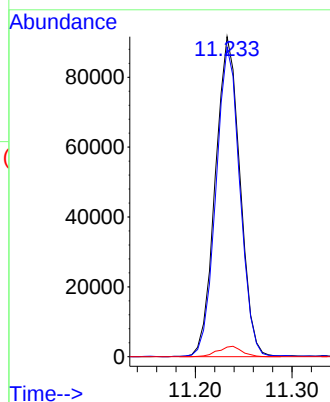
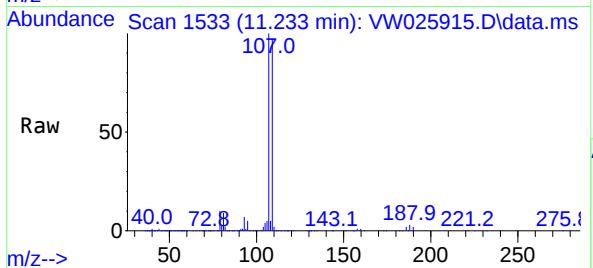


#50
1,2-Dibromoethane
Concen: 26.594 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Tgt Ion:107 Resp: 162033

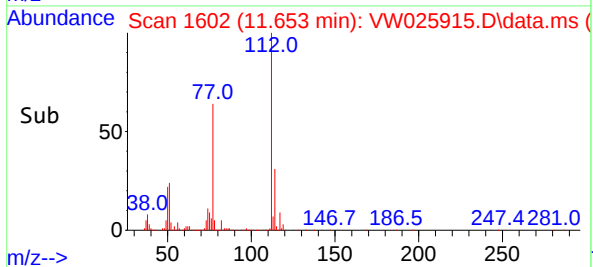
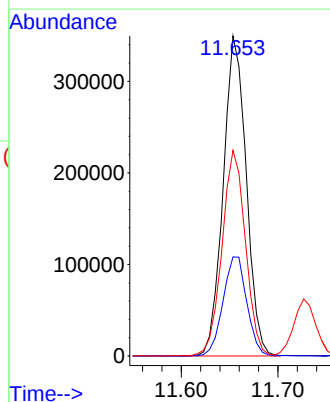
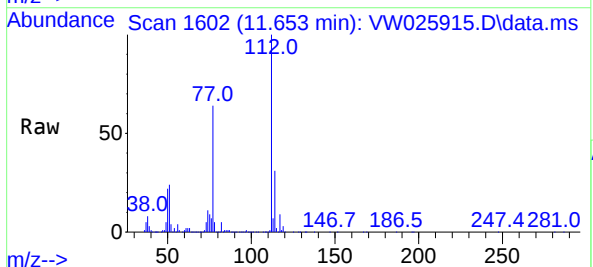
Ion	Ratio	Lower	Upper
107	100		
109	96.8	67.5	125.4
188	3.0	2.6	4.0

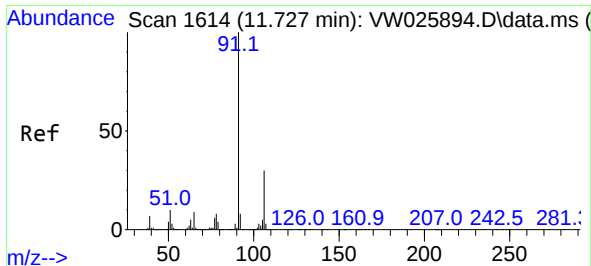


#51
Chlorobenzene
Concen: 25.303 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion:112 Resp: 577606

Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.7	42.3
77	64.3	53.0	79.6





#52

Ethylbenzene

Concen: 25.634 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025915.D

Acq: 09 May 2023 18:03

Instrument :

MSVOA_W

ClientSampleId :

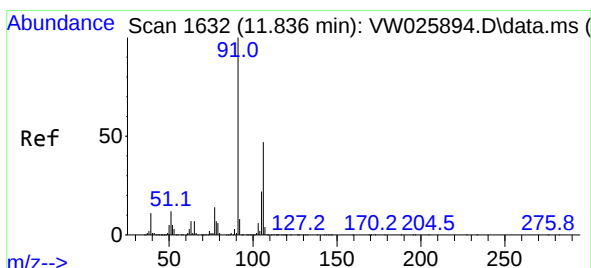
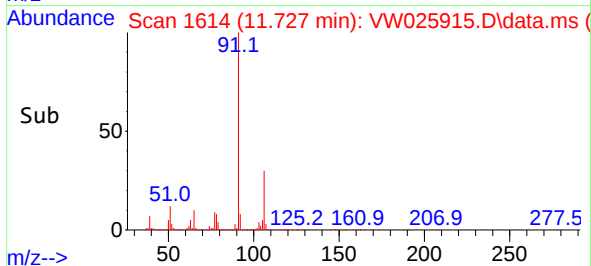
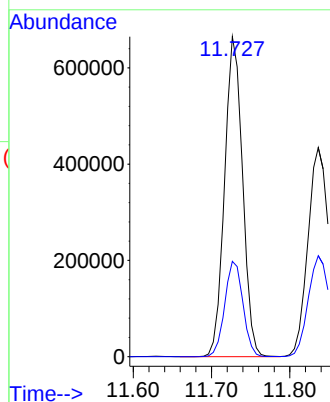
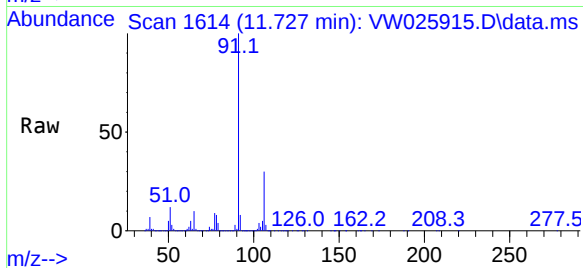
VSTD025482

Tgt Ion: 91 Resp: 1062507

Ion Ratio Lower Upper

91 100

106 29.8 20.8 38.6



#53

m,p-Xylene

Concen: 25.657 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW025915.D

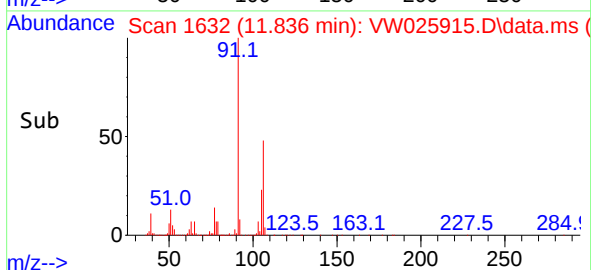
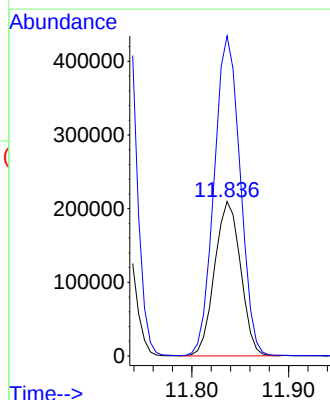
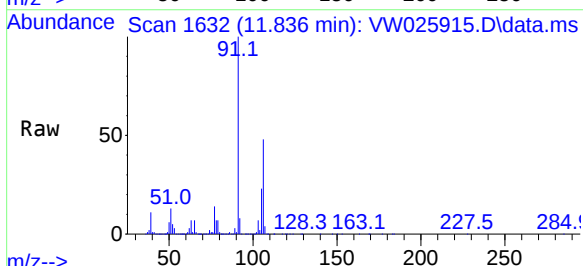
Acq: 09 May 2023 18:03

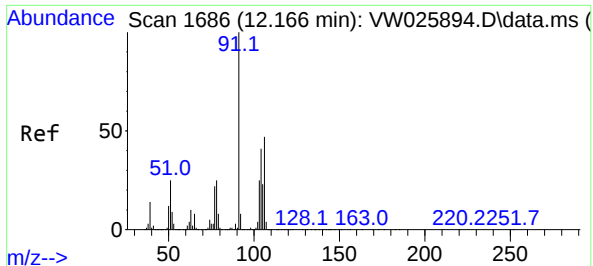
Tgt Ion:106 Resp: 391403

Ion Ratio Lower Upper

106 100

91 207.2 150.1 278.9

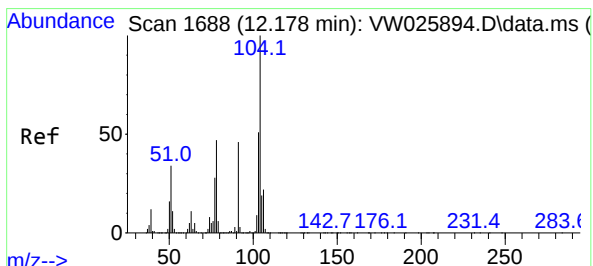
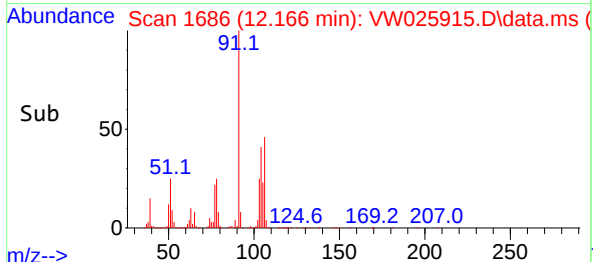
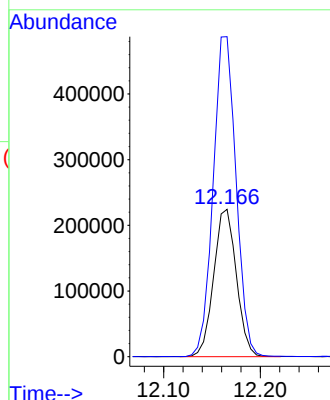
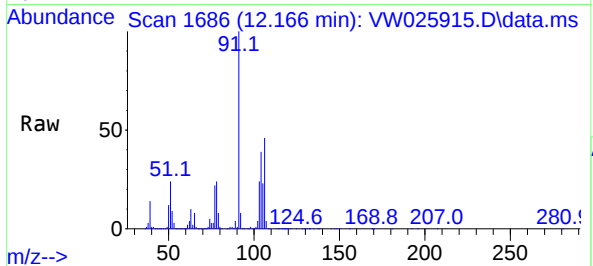




#54
o-Xylene
Concen: 25.382 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

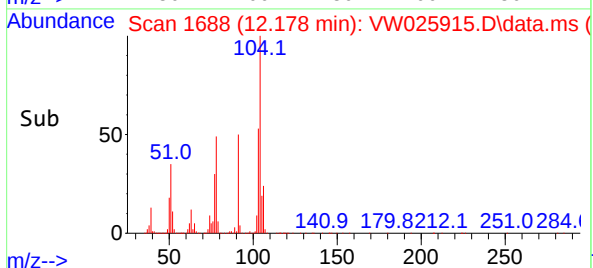
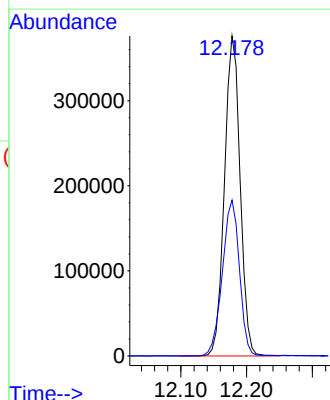
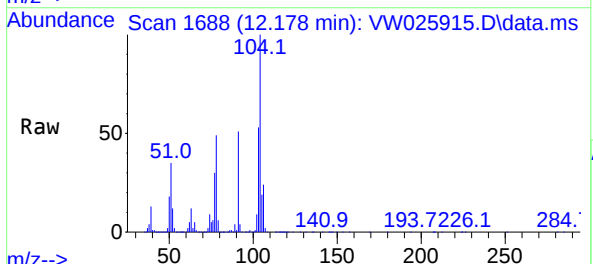
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

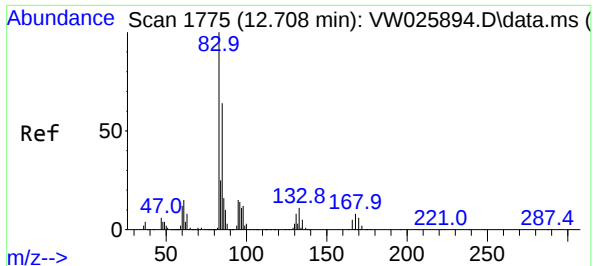
Tgt Ion:106 Resp: 364965
Ion Ratio Lower Upper
106 100
91 217.1 157.8 293.1



#55
Styrene
Concen: 25.337 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion:104 Resp: 623583
Ion Ratio Lower Upper
104 100
78 48.7 33.4 62.0

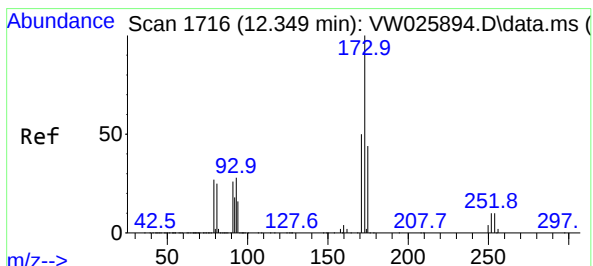
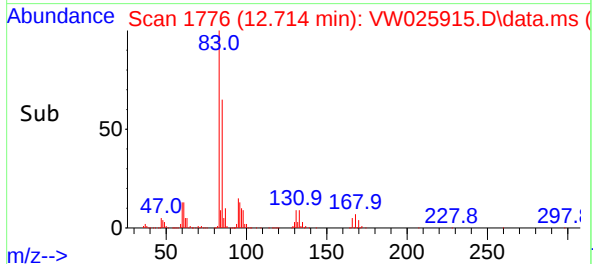
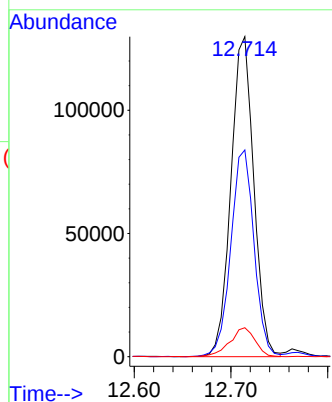
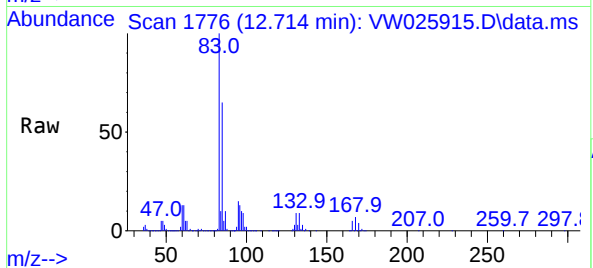




#57
1,1,2,2-Tetrachloroethane
Concen: 25.893 ug/L
RT: 12.714 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

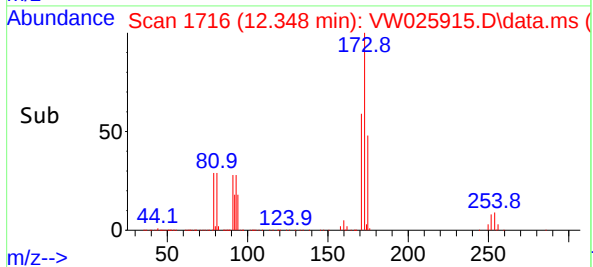
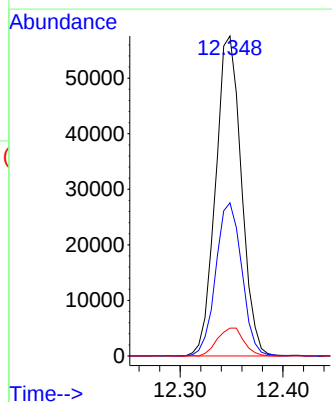
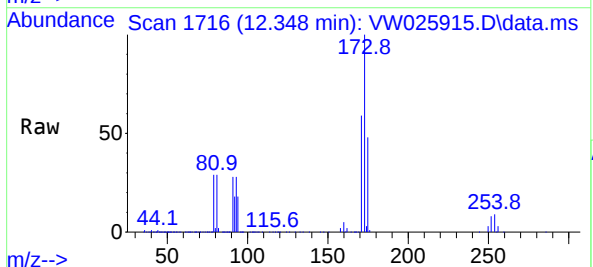
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

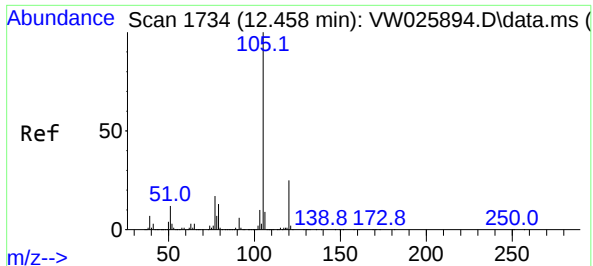
Tgt Ion: 83 Resp: 213538
Ion Ratio Lower Upper
83 100
85 64.6 45.6 84.8
131 9.1 8.1 12.1



#59
Bromoform
Concen: 28.832 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 173 Resp: 100291
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 9.0 7.6 11.4

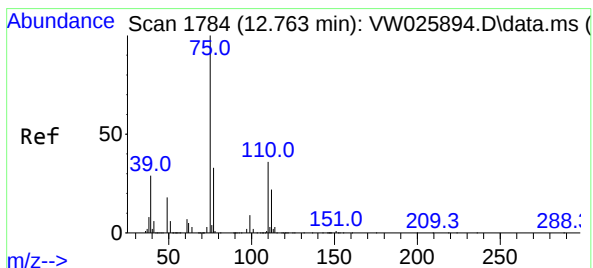
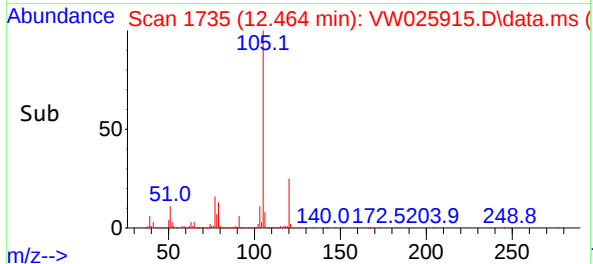
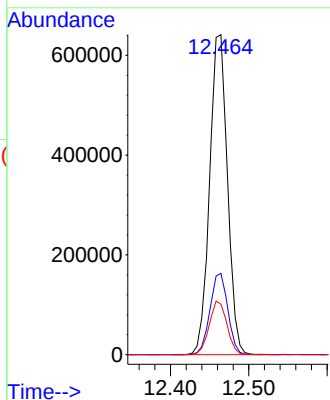
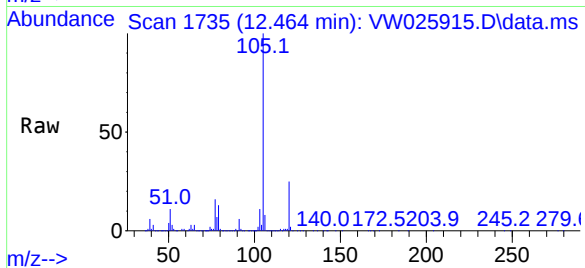




#60
Isopropylbenzene
Concen: 28.385 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

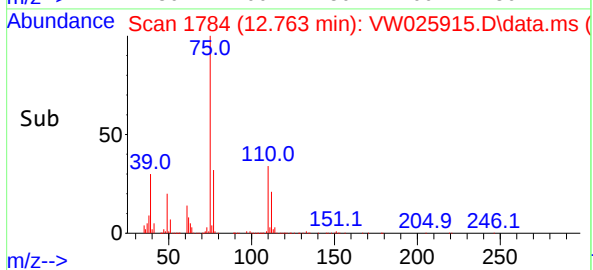
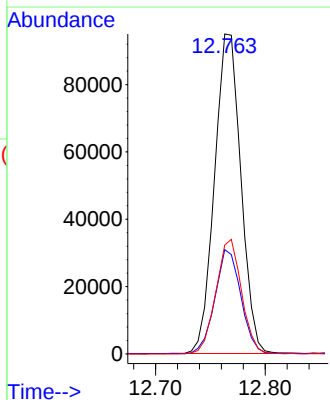
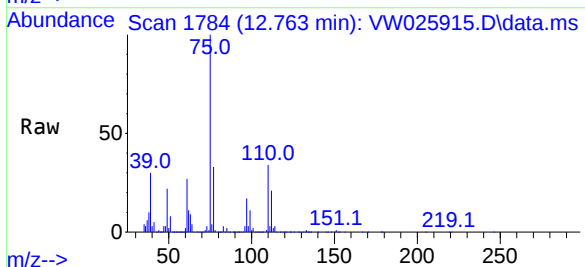
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

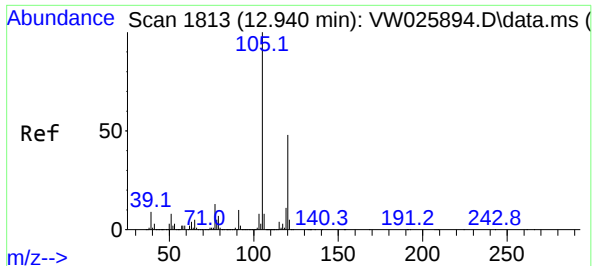
Tgt Ion:105 Resp: 1013225
Ion Ratio Lower Upper
105 100
120 25.4 21.1 31.7
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 28.593 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 75 Resp: 158692
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
110 34.8 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 27.958 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025915.D

Acq: 09 May 2023 18:03

Instrument :

MSVOA_W

ClientSampleId :

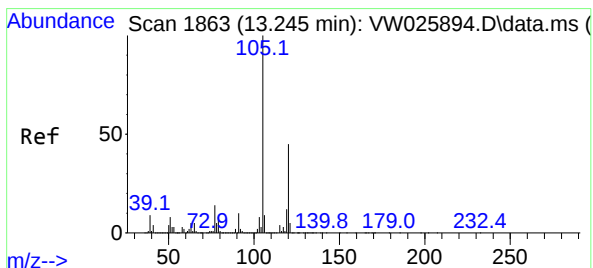
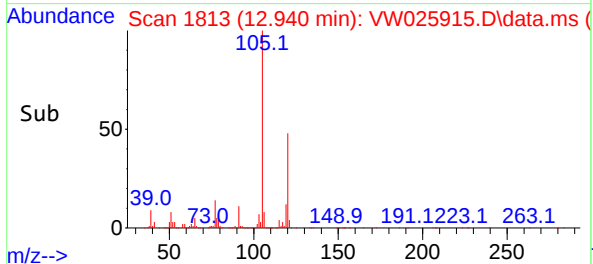
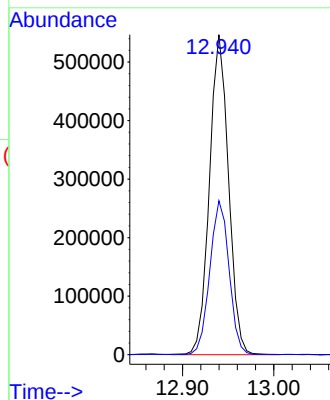
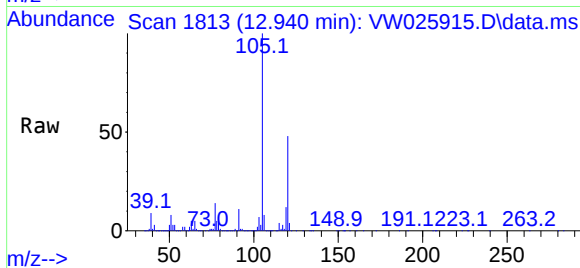
VSTD025482

Tgt Ion:105 Resp: 790441

Ion Ratio Lower Upper

105 100

120 48.5 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 26.794 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025915.D

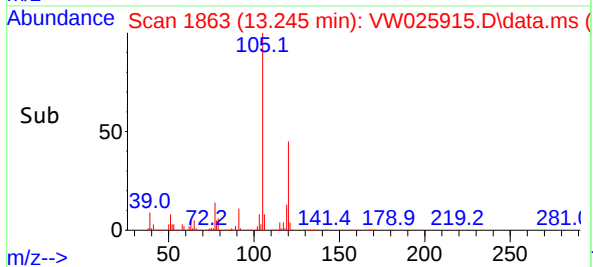
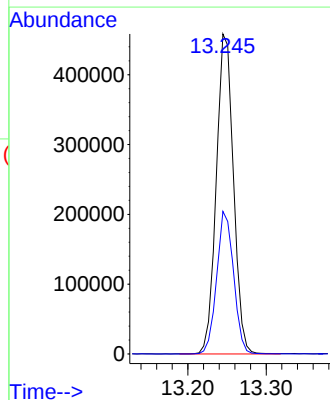
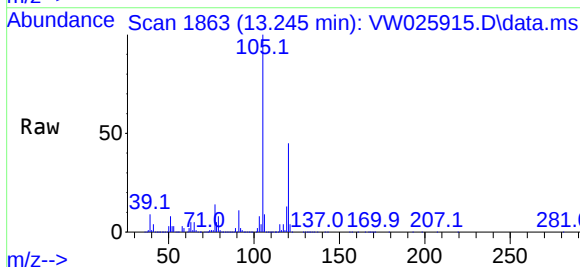
Acq: 09 May 2023 18:03

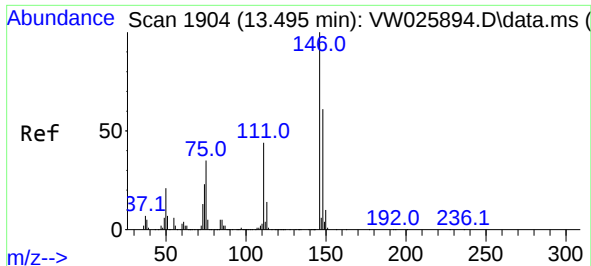
Tgt Ion:105 Resp: 699066

Ion Ratio Lower Upper

105 100

120 43.8 34.7 52.1

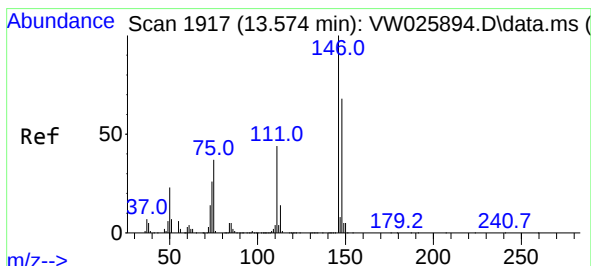
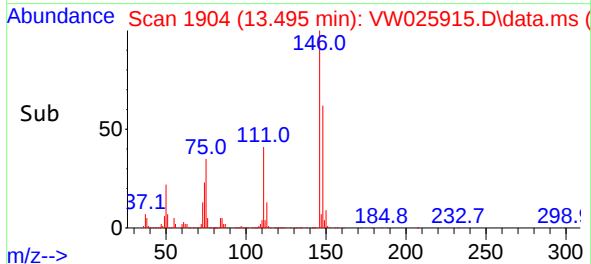
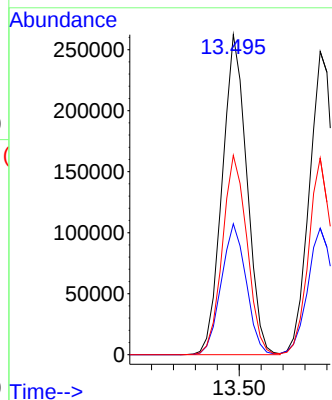
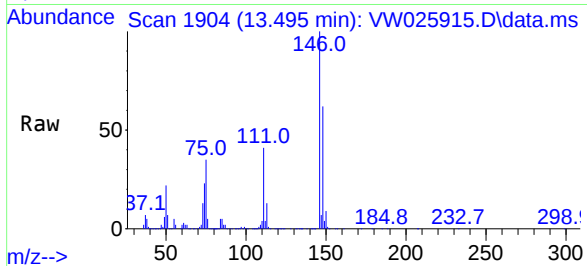




#64
1,3-Dichlorobenzene
Concen: 26.644 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

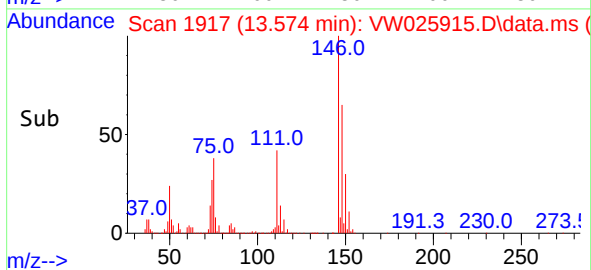
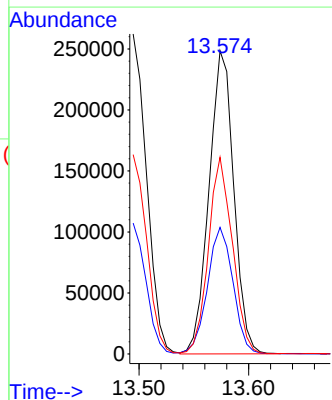
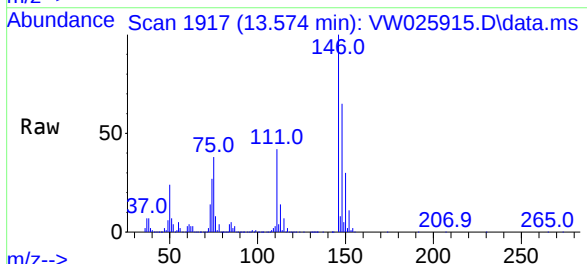
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

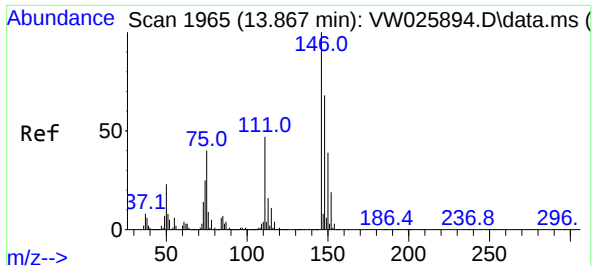
Tgt Ion:146 Resp: 409433
Ion Ratio Lower Upper
146 100
111 40.9 30.4 56.4
148 62.3 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 25.194 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion:146 Resp: 391130
Ion Ratio Lower Upper
146 100
111 41.7 27.9 51.9
148 64.9 44.7 82.9



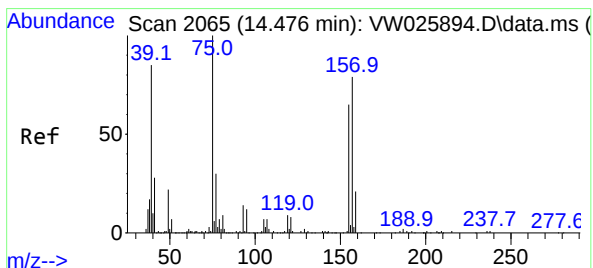
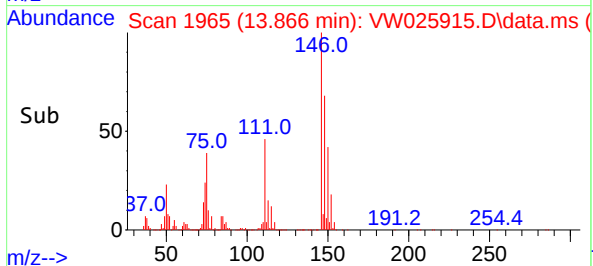
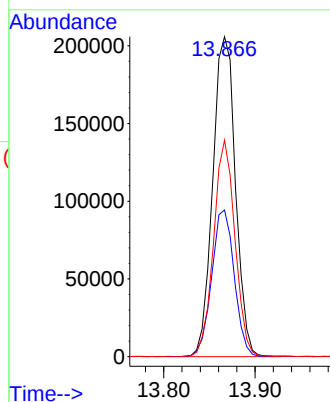
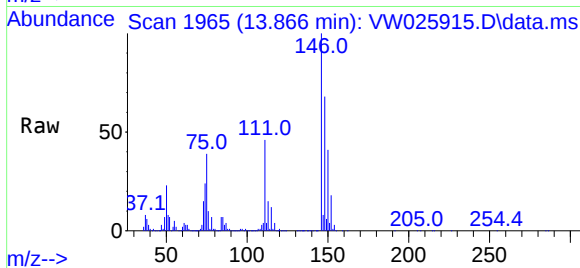


#67
1,2-Dichlorobenzene
Concen: 25.924 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Tgt Ion:146 Resp: 355267

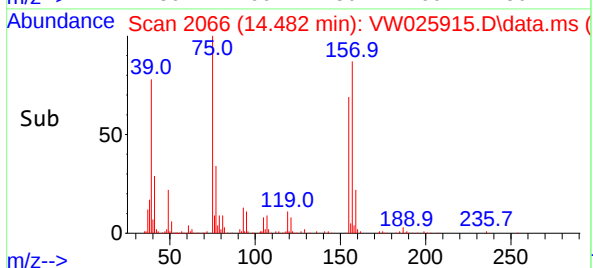
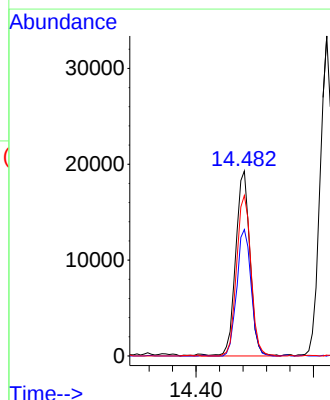
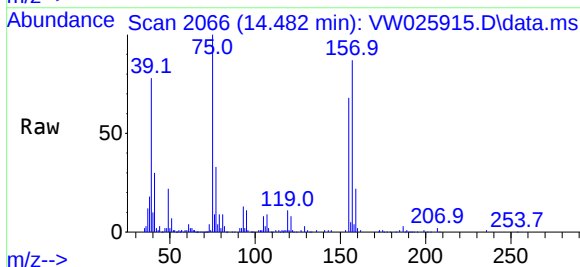
Ion	Ratio	Lower	Upper
146	100		
111	45.8	37.7	56.5
148	67.7	49.4	74.0

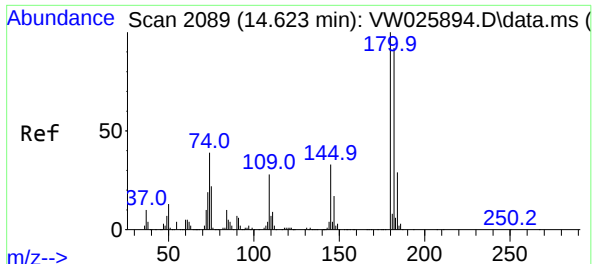


#68
1,2-Dibromo-3-chloropropane
Concen: 25.536 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion: 75 Resp: 32864

Ion	Ratio	Lower	Upper
75	100		
155	68.3	56.3	84.5
157	86.7	66.3	99.5



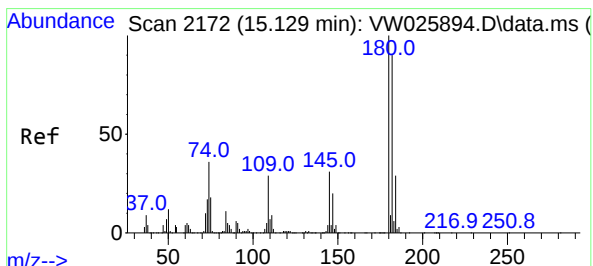
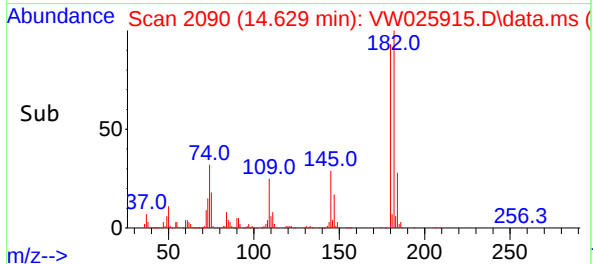
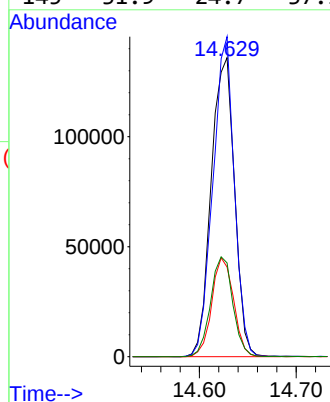
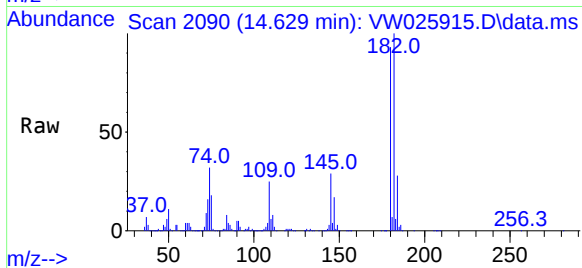


#69
1,3,5-Trichlorobenzene
Concen: 22.373 ug/L
RT: 14.629 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Tgt Ion:180 Resp: 228206

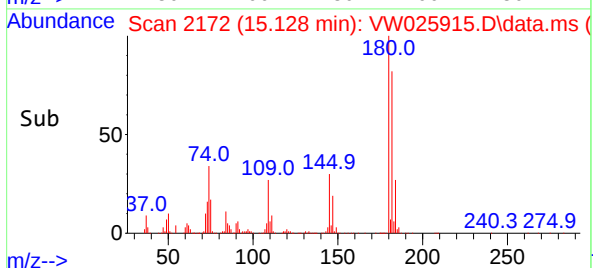
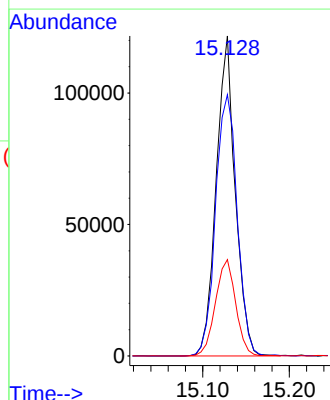
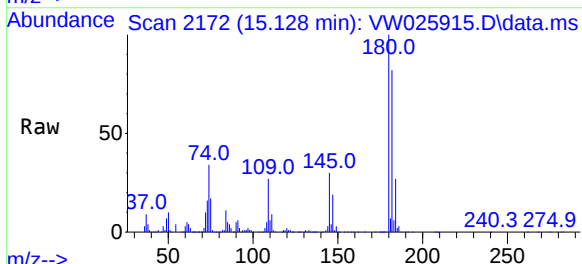
Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.4	116.0
184	30.9	24.7	37.1
145	31.9	24.7	37.1

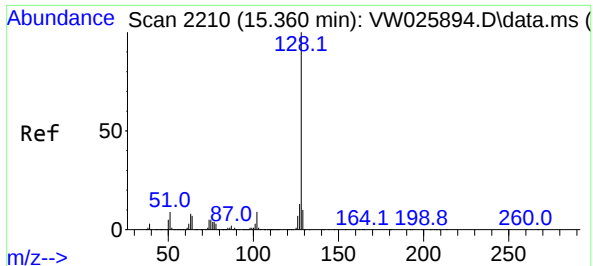


#70
1,2,4-trichlorobenzene
Concen: 21.758 ug/L
RT: 15.128 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion:180 Resp: 185927

Ion	Ratio	Lower	Upper
180	100		
182	92.8	74.3	111.5
145	32.1	25.4	38.0

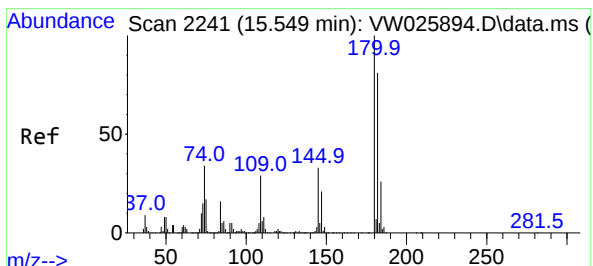
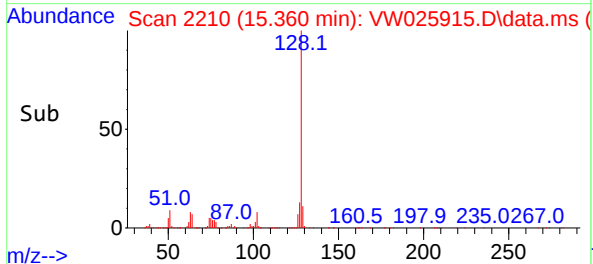
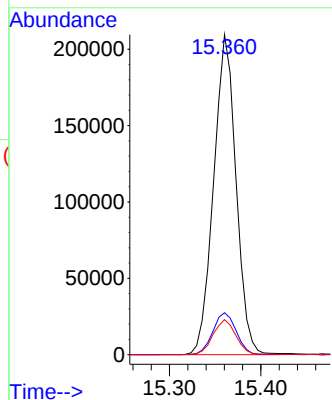
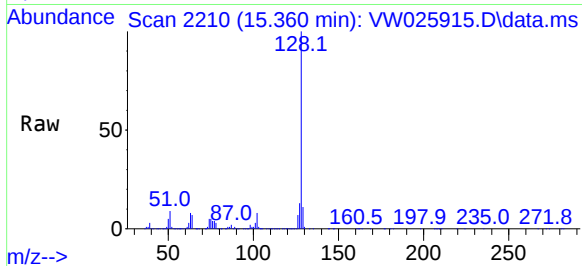




#71
Naphthalene
Concen: 22.129 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Tgt Ion:128 Resp: 356915
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.1 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 23.045 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW025915.D
Acq: 09 May 2023 18:03

Tgt Ion:180 Resp: 174732
Ion Ratio Lower Upper
180 100
182 92.3 76.1 114.1
145 33.9 28.0 42.0

