

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025941.D
 Acq On : 11 May 2023 08:25
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: May 12 05:36:50 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	606537	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	527908	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	259859	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194094	22.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
7) Chloroethane-d5	2.893	69	131586	20.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	4.021	65	93669	21.764	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.040%
21) 2-Butanone-d5	7.075	46	110613	38.929	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.860%
24) Chloroform-d	7.648	84	404840	23.148	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	8.301	65	212756	21.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.040%
32) Benzene-d6	8.270	84	799347	23.173	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.680%
36) 1,2-Dichloropropane-d6	9.270	67	253092	22.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.720%
41) Toluene-d8	10.319	98	708800	23.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.160%
43) trans-1,3-Dichloroprop...	10.575	79	94842	21.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.800%
47) 2-Hexanone-d5	10.922	63	76325	40.556	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	185787	22.086	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	209425	22.108	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	173363	25.584	ug/L	97
3) Chloromethane	2.223	50	264619	26.485	ug/L	100
5) Vinyl chloride	2.369	62	276432	26.730	ug/L	99
6) Bromomethane	2.790	94	134785	23.963	ug/L	92
8) Chloroethane	2.930	64	136496	23.212	ug/L	99
9) Trichlorofluoromethane	3.265	101	193931	24.848	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	225380	26.553	ug/L	97
12) 1,1-Dichloroethene	4.045	96	210513	25.951	ug/L	87
13) Acetone	4.119	43	114129	45.298	ug/L	100
14) Carbon disulfide	4.387	76	675048	24.608	ug/L	98
15) Methyl Acetate	4.667	43	104935	21.135	ug/L	96
16) Methylene chloride	4.911	84	233709	18.684	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	221892	25.074	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	298928	22.256	ug/L	100
19) 1,1-Dichloroethane	6.210	63	468477	25.767	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	234110	24.659	ug/L	98
22) 2-Butanone	7.167	43	145852	41.924	ug/L	98
23) Bromochloromethane	7.514	128	97107	24.144	ug/L	96
25) Chloroform	7.673	83	430588	25.767	ug/L	99

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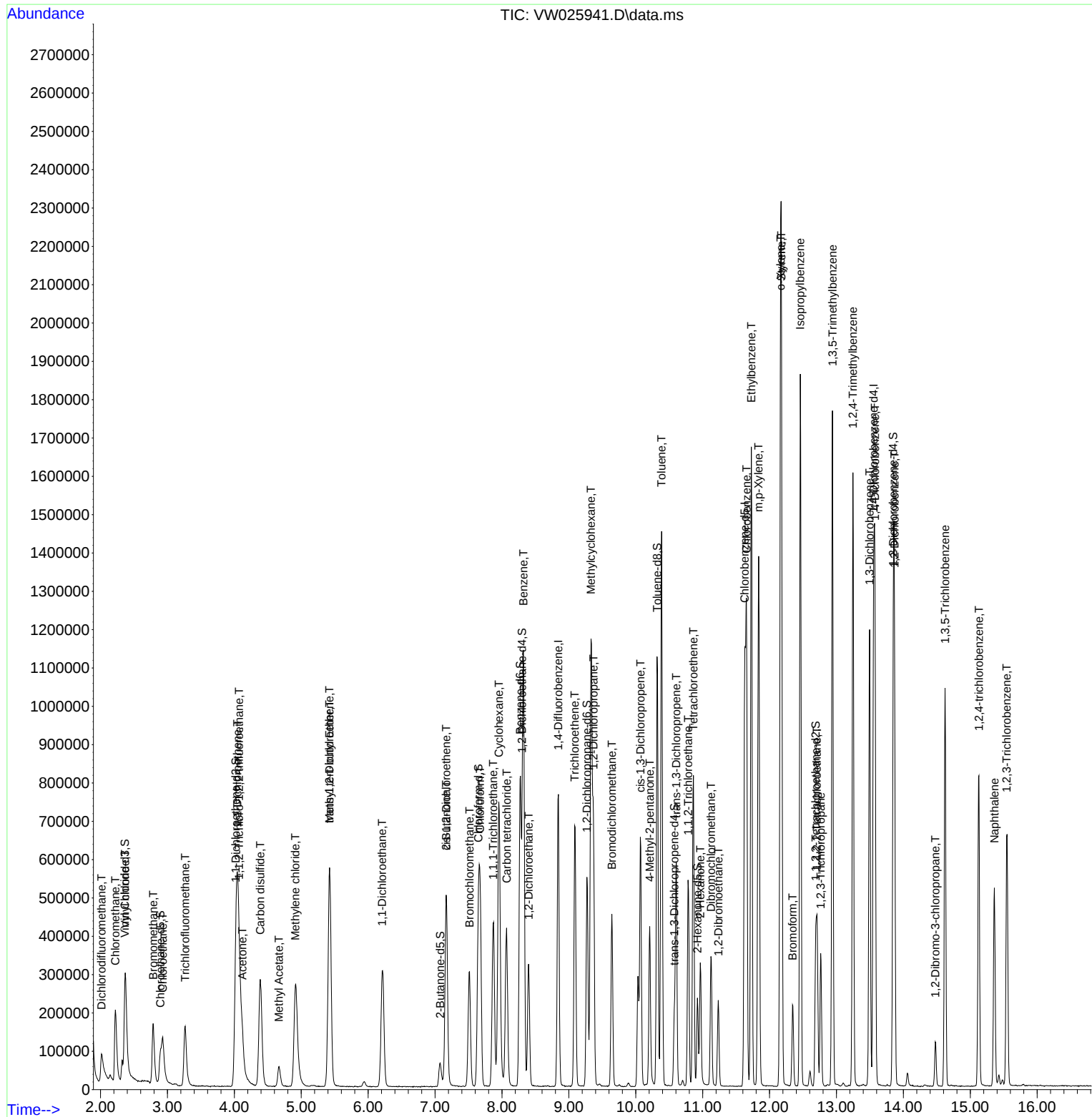
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	286754	24.163	ug/L	99
29) Cyclohexane	7.953	56	436465	26.680	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	345781	26.783	ug/L	99
31) Carbon tetrachloride	8.069	117	311469	26.808	ug/L	99
33) Benzene	8.319	78	969981	26.558	ug/L	100
34) Trichloroethene	9.087	95	246093	26.258	ug/L	93
35) Methylcyclohexane	9.331	83	445161	26.706	ug/L	99
37) 1,2-Dichloropropane	9.368	63	261737	26.157	ug/L	100
38) Bromodichloromethane	9.642	83	295104	25.706	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	373961	25.484	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	292140	44.853	ug/L	99
42) Toluene	10.386	91	996038	26.690	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	302244	24.857	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	163623	24.444	ug/L	98
46) Tetrachloroethene	10.861	164	169240	25.668	ug/L	98
48) 2-Hexanone	10.965	43	207797	44.534	ug/L	98
49) Dibromochloromethane	11.123	129	172694	24.920	ug/L	96
50) 1,2-Dibromoethane	11.233	107	147480	23.900	ug/L	93
51) Chlorobenzene	11.654	112	597393	25.840	ug/L	95
52) Ethylbenzene	11.727	91	1130086	26.920	ug/L	98
53) m,p-Xylene	11.837	106	412824	26.720	ug/L	100
54) o-Xylene	12.166	106	390622	26.823	ug/L	93
55) Styrene	12.178	104	682969	27.401	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	195933	23.459	ug/L	99
59) Bromoform	12.343	173	93344	24.251	ug/L	98
60) Isopropylbenzene	12.459	105	1108831	28.072	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	143524	23.370	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	885881	28.316	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	809858	28.052	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	456002	26.817	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	450410	26.219	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	404749	26.691	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	31124	21.855	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	299042	26.494	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	242297	25.624	ug/L	100
71) Naphthalene	15.360	128	421100	23.594	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	206073	24.561	ug/L	97

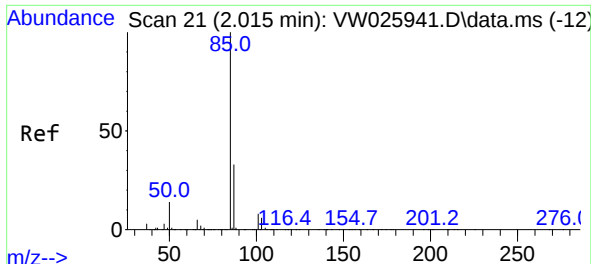
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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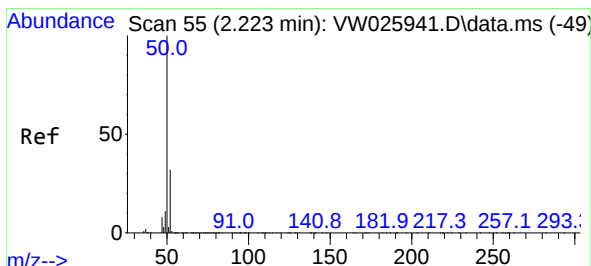
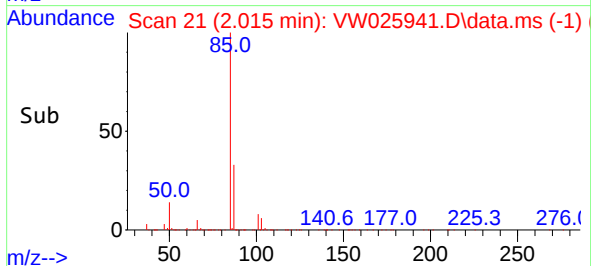
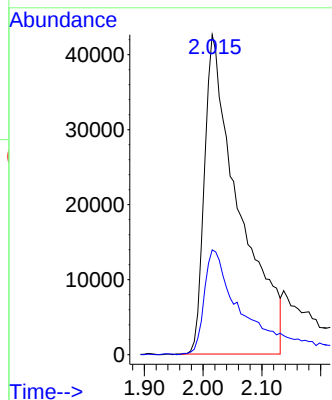
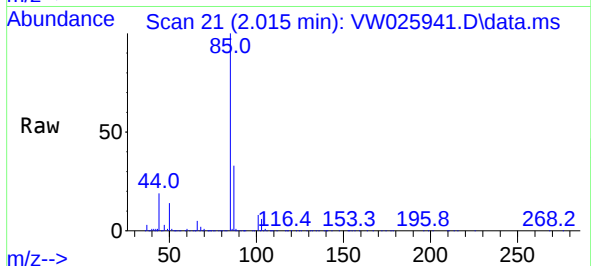




#2
Dichlorodifluoromethane
Concen: 25.584 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

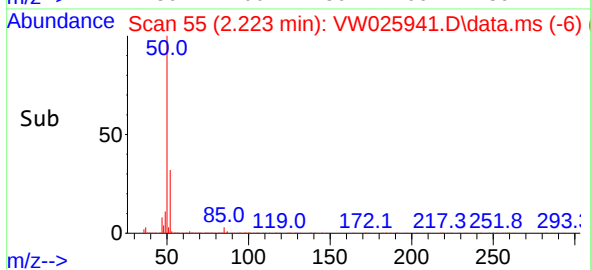
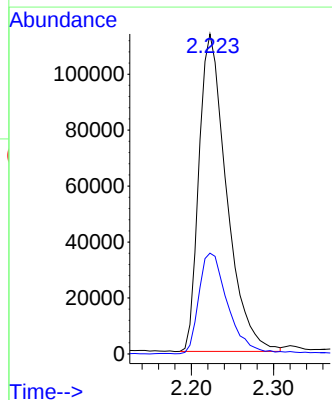
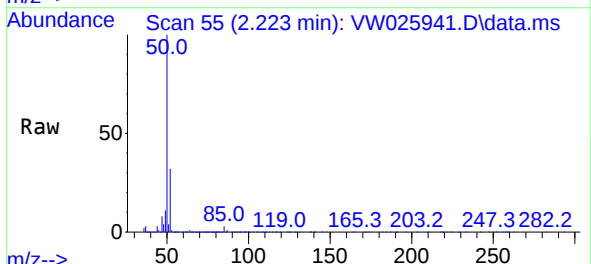
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MSVOA_W
ClientSampleId :
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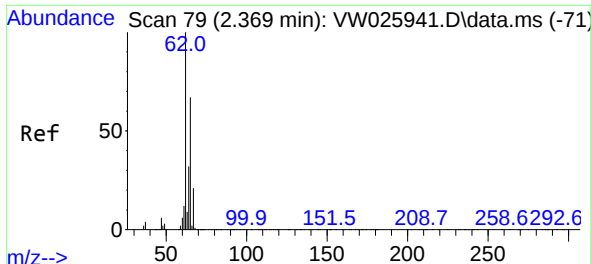
Tgt Ion: 85 Resp: 173363
Ion Ratio Lower Upper
85 100
87 32.7 24.7 37.1



#3
Chloromethane
Concen: 26.485 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 50 Resp: 264619
Ion Ratio Lower Upper
50 100
52 31.5 22.1 41.1

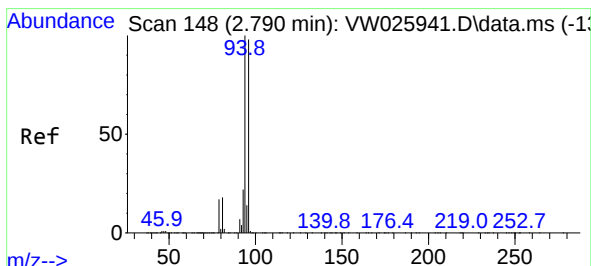
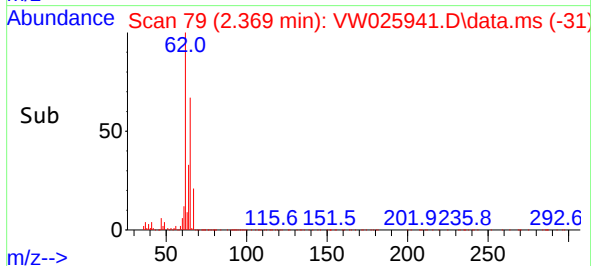
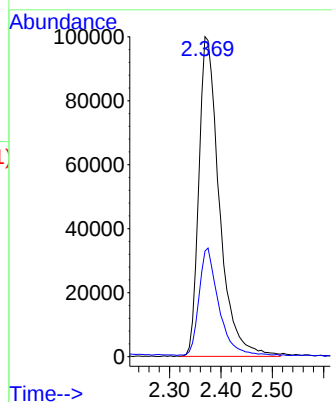
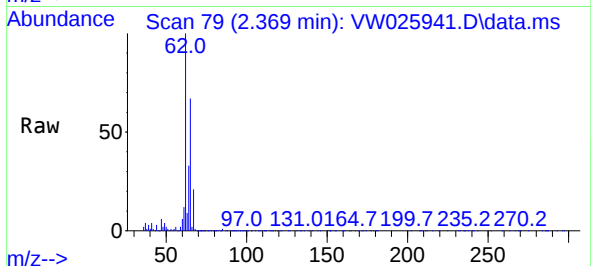




#5
 Vinyl chloride
 Concen: 26.730 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW025941.D
 Acq: 11 May 2023 08:25

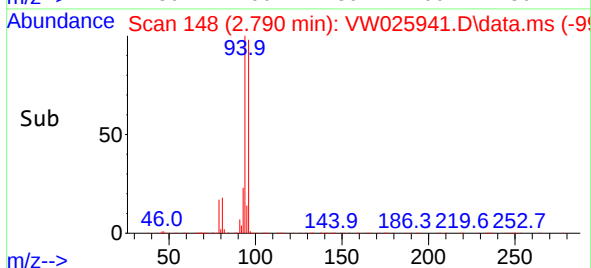
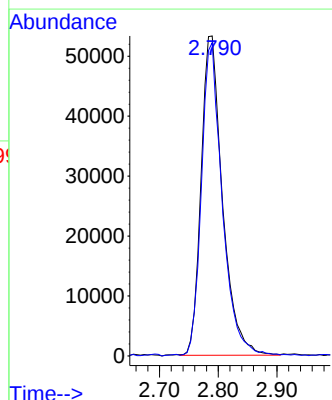
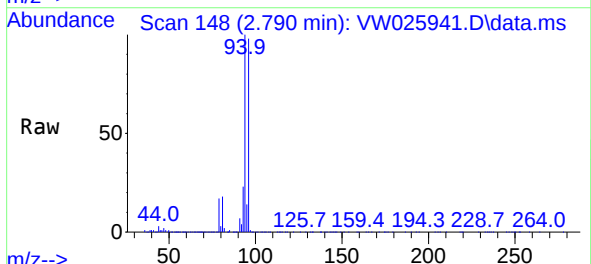
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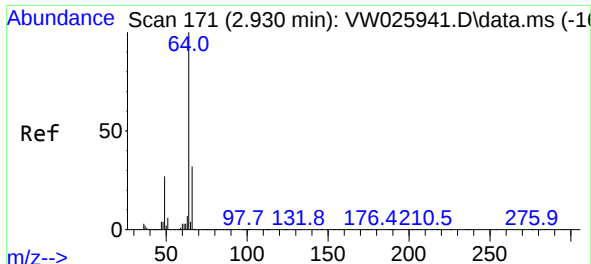
Tgt Ion: 62 Resp: 276432
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.7 42.3



#6
 Bromomethane
 Concen: 23.963 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025941.D
 Acq: 11 May 2023 08:25

Tgt Ion: 94 Resp: 134785
 Ion Ratio Lower Upper
 94 100
 96 97.9 63.1 117.1

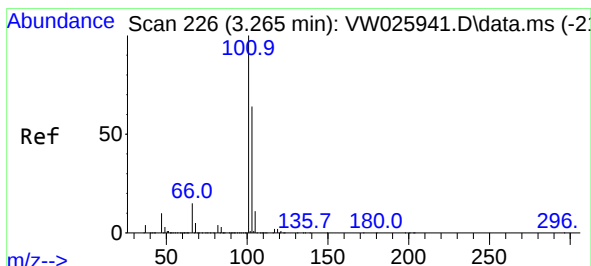
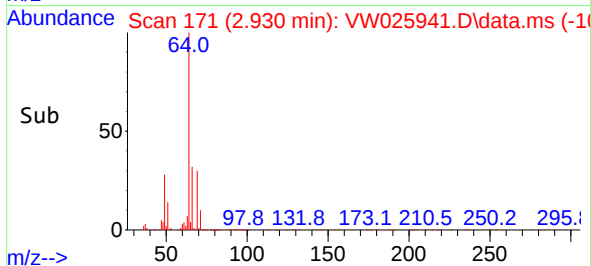
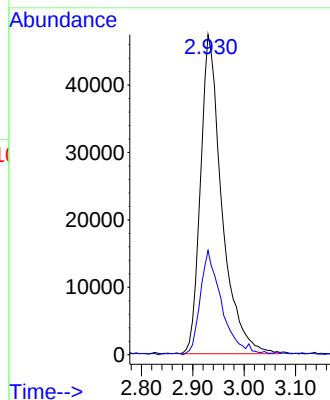
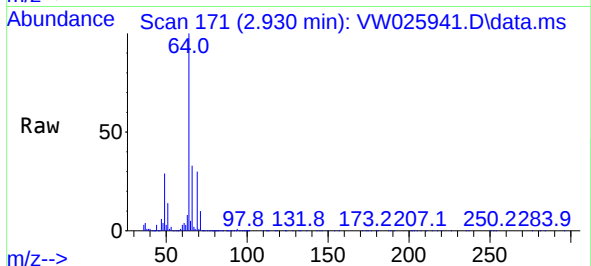




#8
Chloroethane
Concen: 23.212 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

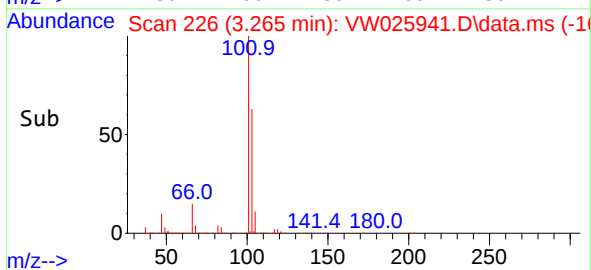
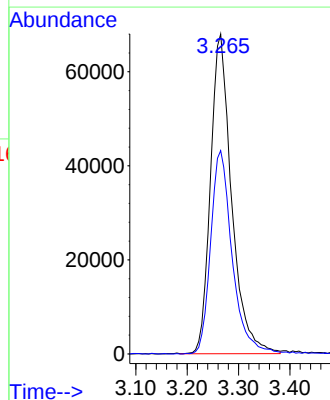
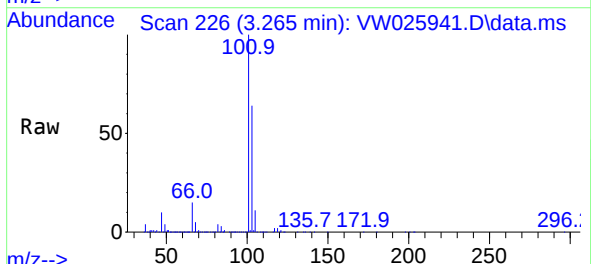
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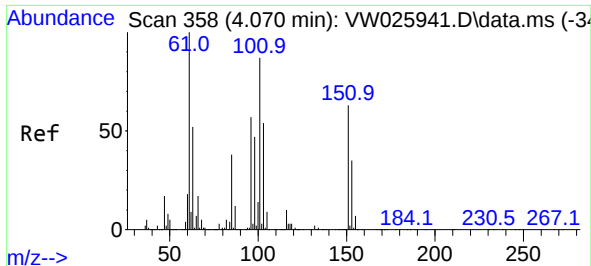
Tgt Ion: 64 Resp: 136496
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 24.848 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion:101 Resp: 193931
Ion Ratio Lower Upper
101 100
103 64.8 50.6 76.0

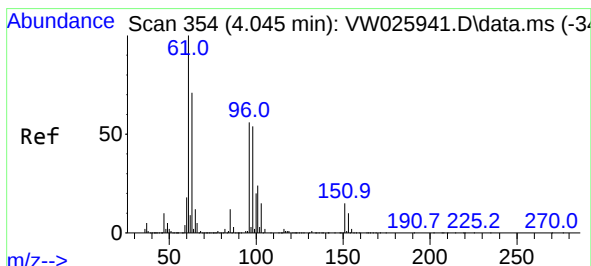
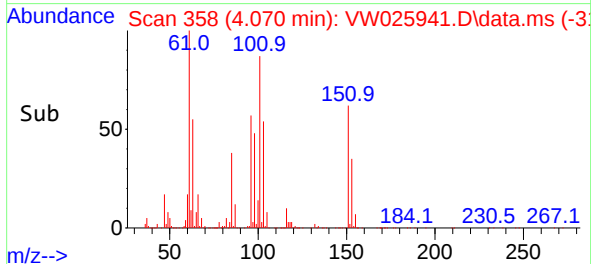
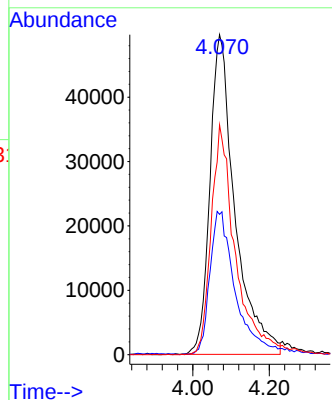
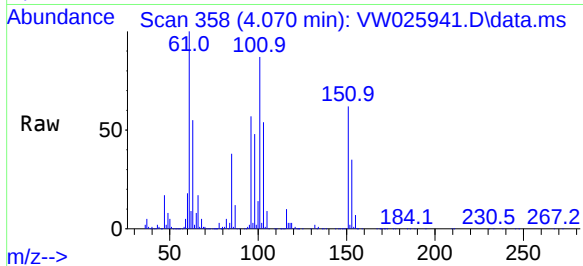




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.553 ug/L
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW025941.D
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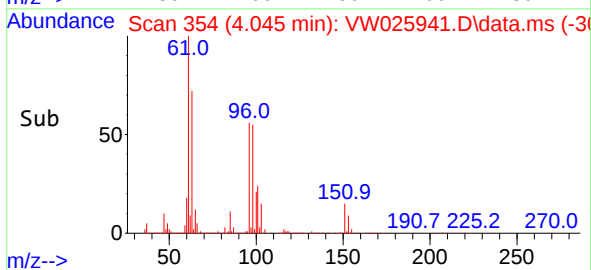
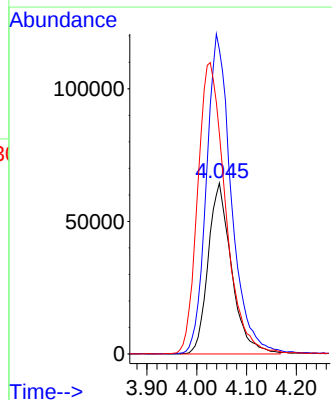
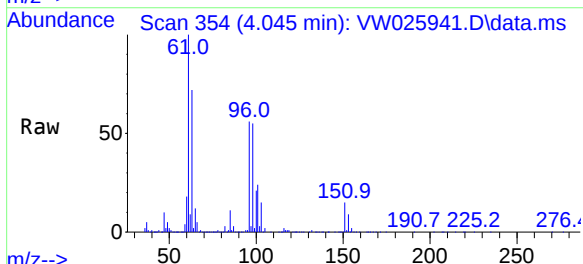
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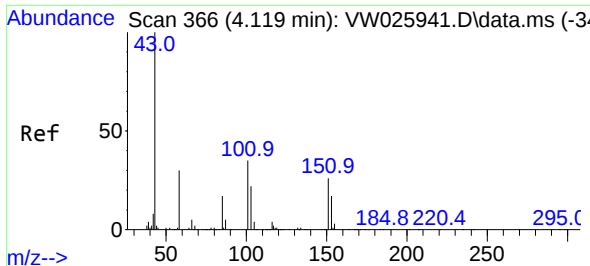
Tgt Ion:101 Resp: 225380
Ion Ratio Lower Upper
101 100
85 45.3 33.9 50.9
151 68.9 54.2 81.2



#12
1,1-Dichloroethene
Concen: 25.951 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 96 Resp: 210513
Ion Ratio Lower Upper
96 100
61 178.1 135.0 250.8
63 128.9 104.9 194.7

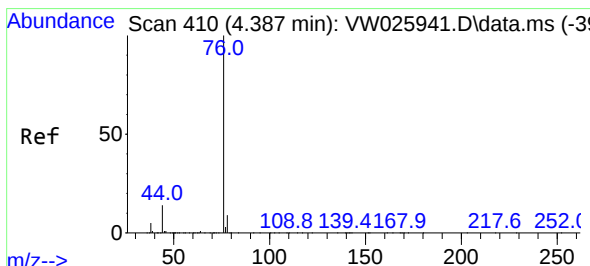
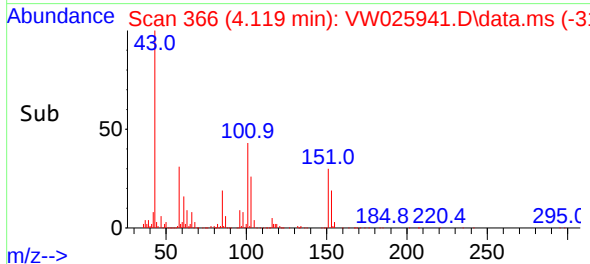
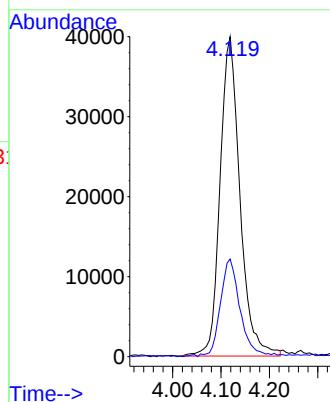
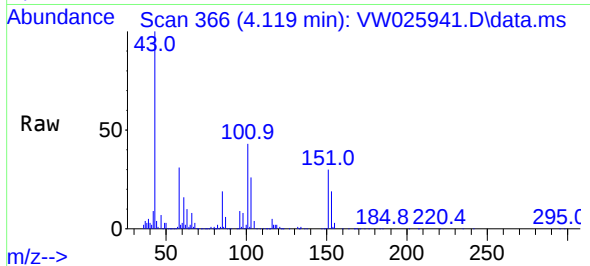




#13
Acetone
Concen: 45.298 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
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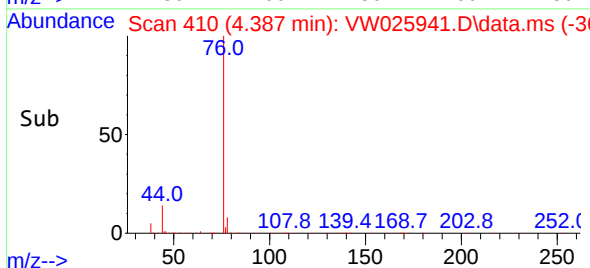
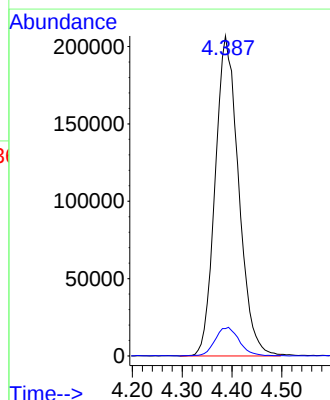
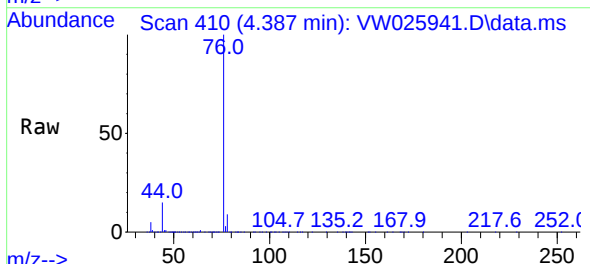
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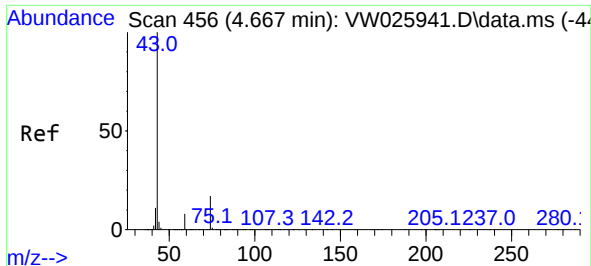
Tgt Ion: 43 Resp: 114129
Ion Ratio Lower Upper
43 100
58 29.0 0.0 58.2



#14
Carbon disulfide
Concen: 24.608 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 675048
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

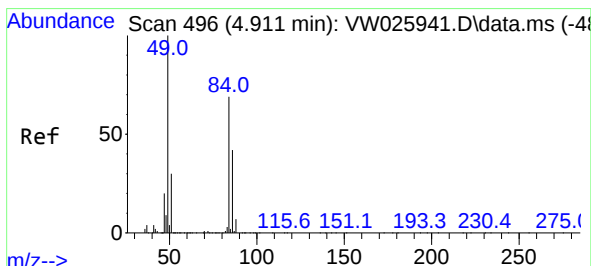
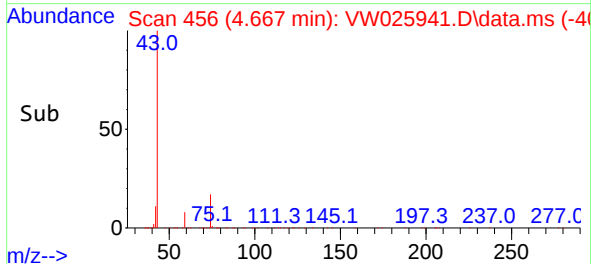
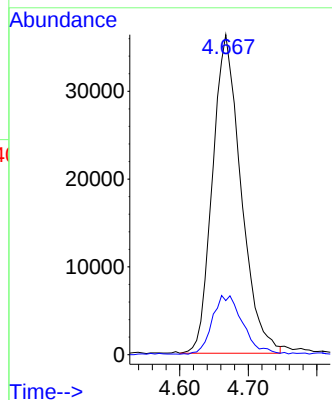
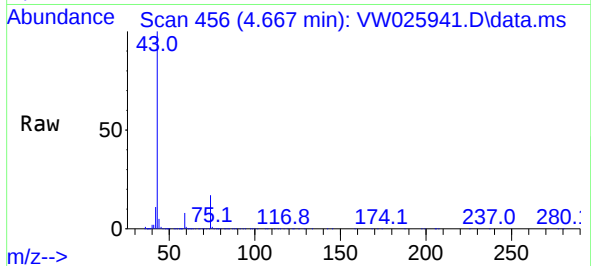




#15
Methyl Acetate
Concen: 21.135 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

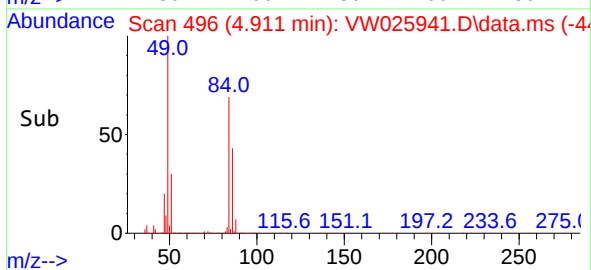
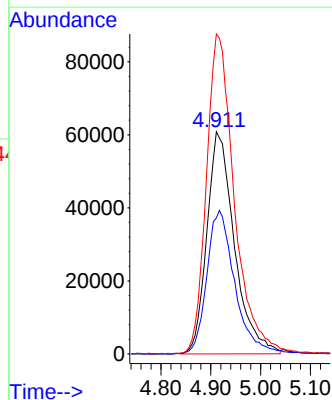
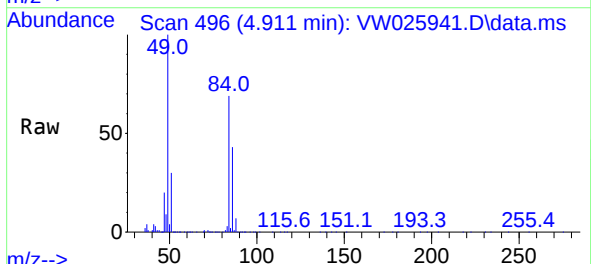
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

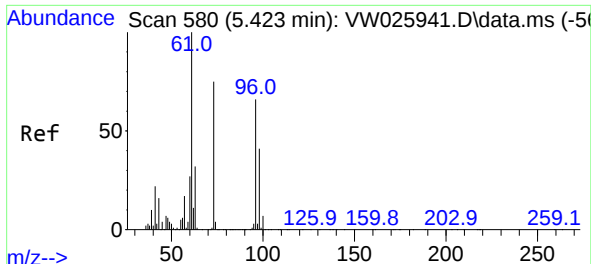
Tgt Ion: 43 Resp: 104935
Ion Ratio Lower Upper
43 100
74 18.9 16.5 24.7



#16
Methylene chloride
Concen: 18.684 ug/L
RT: 4.911 min Scan# 496
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 84 Resp: 233709
Ion Ratio Lower Upper
84 100
86 61.2 41.7 77.5
49 144.0 95.3 177.1

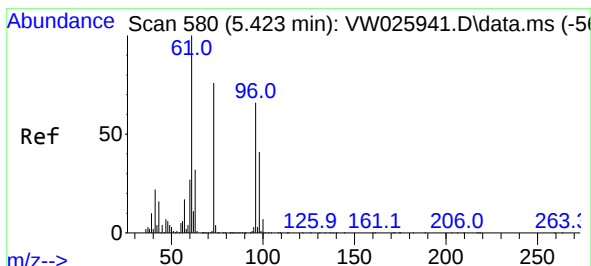
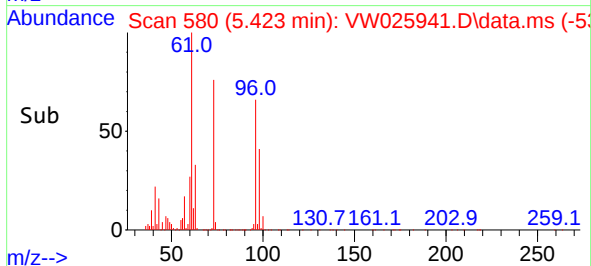
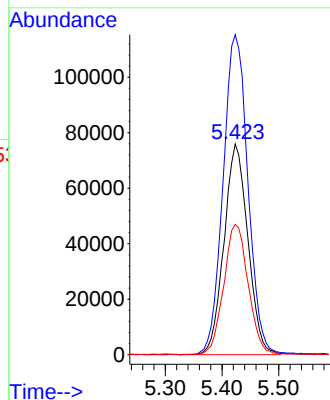
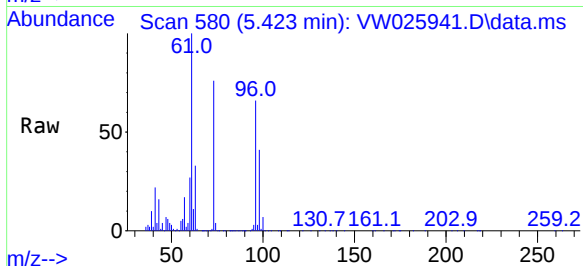




#17
trans-1,2-Dichloroethene
Concen: 25.074 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

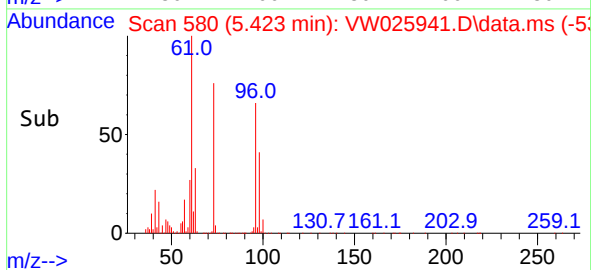
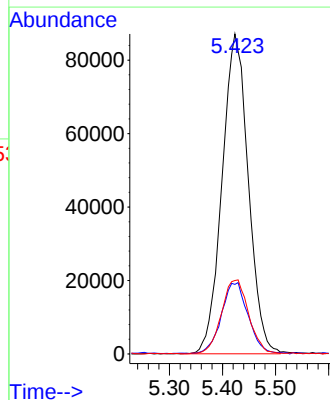
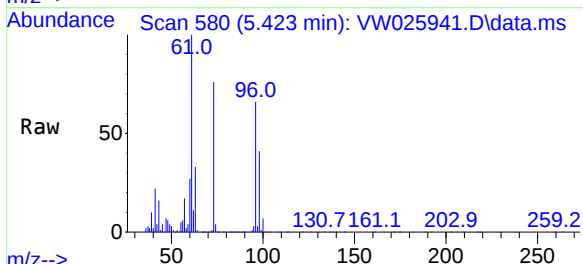
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

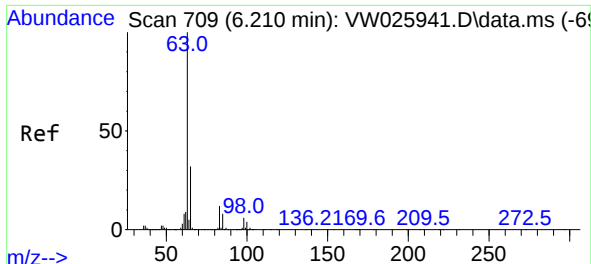
Tgt Ion: 96 Resp: 221892
Ion Ratio Lower Upper
96 100
61 151.9 108.1 200.9
98 61.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 22.256 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 73 Resp: 298928
Ion Ratio Lower Upper
73 100
43 23.0 18.2 27.4
57 23.9 19.2 28.8





#19

1,1-Dichloroethane

Concen: 25.767 ug/L

RT: 6.210 min Scan# 709

Delta R.T. -0.012 min

Lab File: VW025941.D

Acq: 11 May 2023 08:25

Instrument :

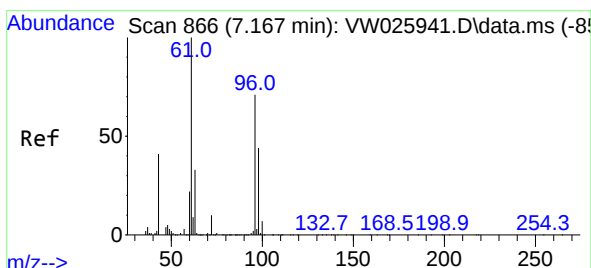
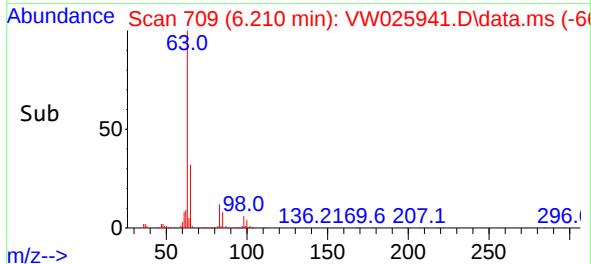
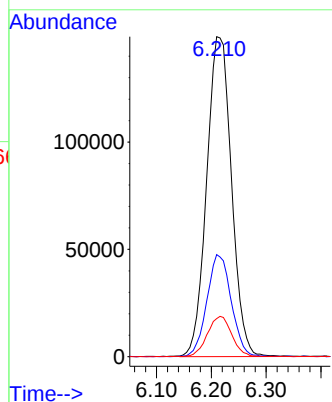
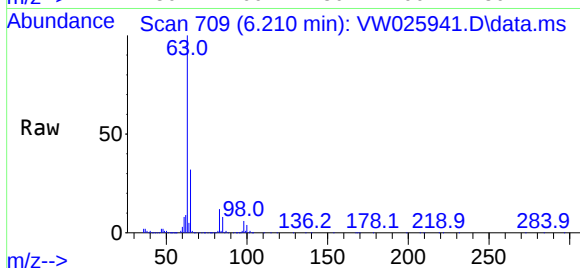
MSVOA_W

ClientSampleId :

VSTD025485

Tgt Ion: 63 Resp: 468477

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.4	41.6
83	11.9	8.7	16.1



#20

cis-1,2-Dichloroethene

Concen: 24.659 ug/L

RT: 7.167 min Scan# 866

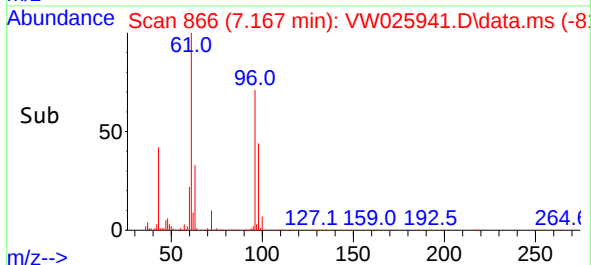
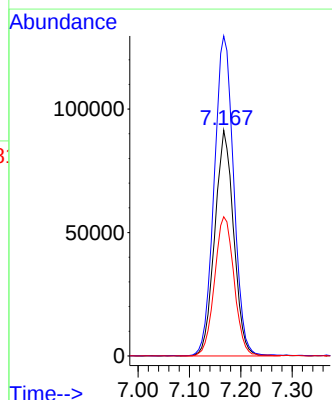
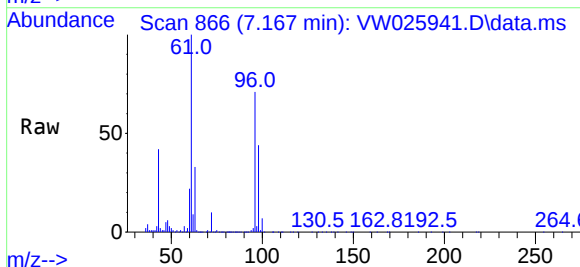
Delta R.T. 0.000 min

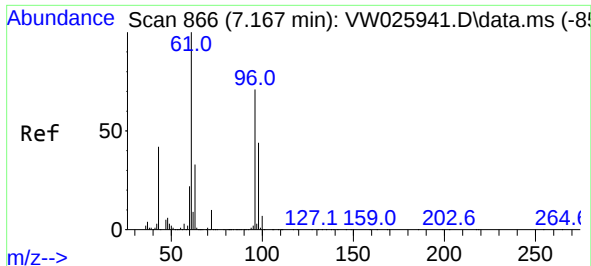
Lab File: VW025941.D

Acq: 11 May 2023 08:25

Tgt Ion: 96 Resp: 234110

Ion	Ratio	Lower	Upper
96	100		
61	141.7	98.6	183.0
98	61.7	45.2	84.0

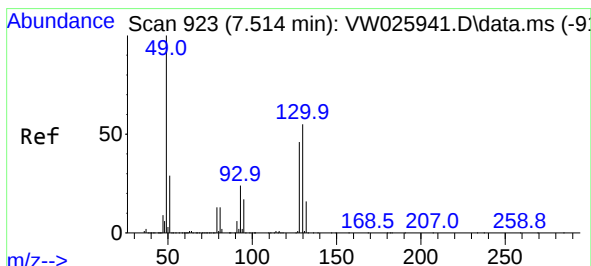
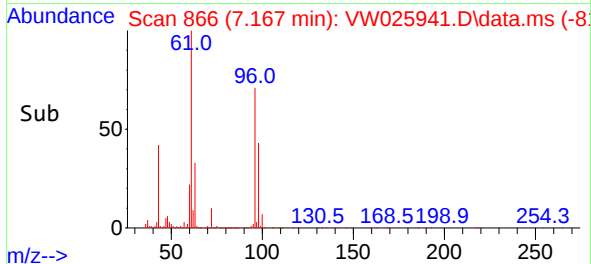
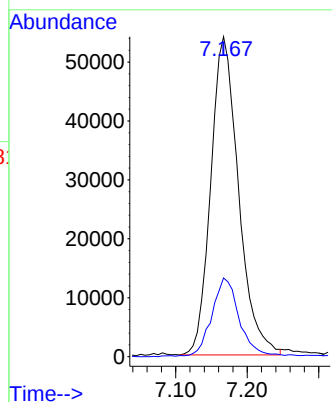
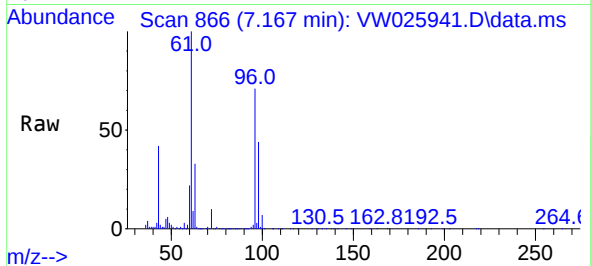




#22
2-Butanone
Concen: 41.924 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

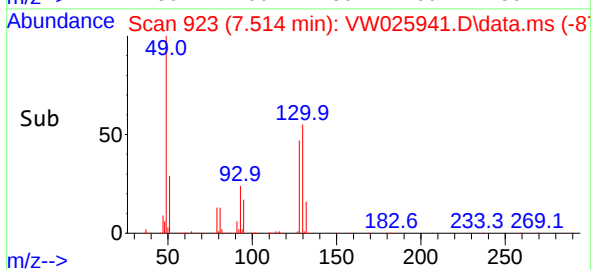
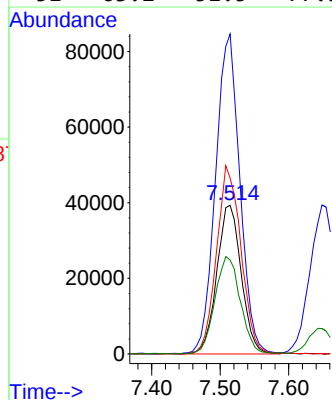
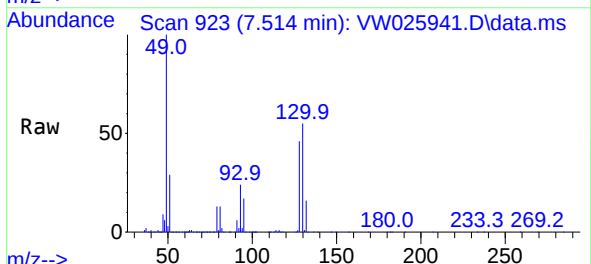
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

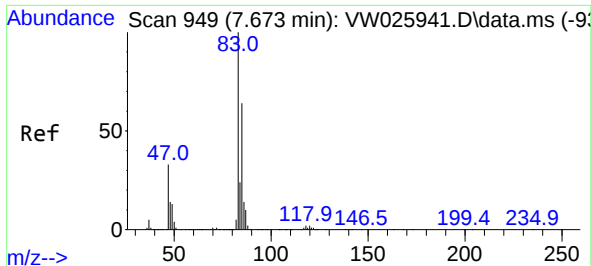
Tgt Ion: 43 Resp: 145852
Ion Ratio Lower Upper
43 100
72 24.4 11.8 35.4



#23
Bromochloromethane
Concen: 24.144 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 128 Resp: 97107
Ion Ratio Lower Upper
128 100
49 215.3 151.5 281.5
130 118.3 91.3 169.6
51 63.2 51.5 77.3

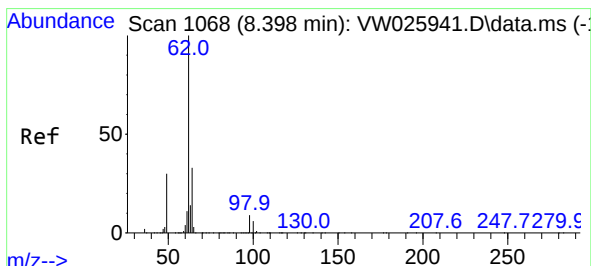
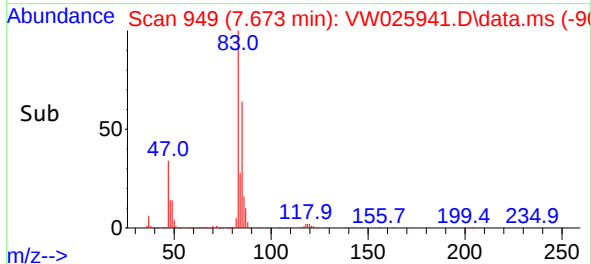
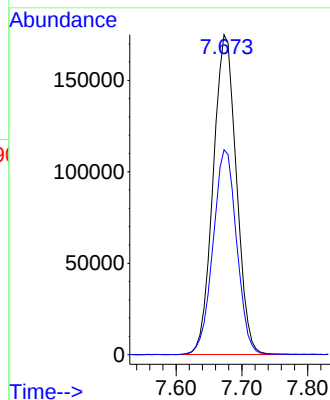
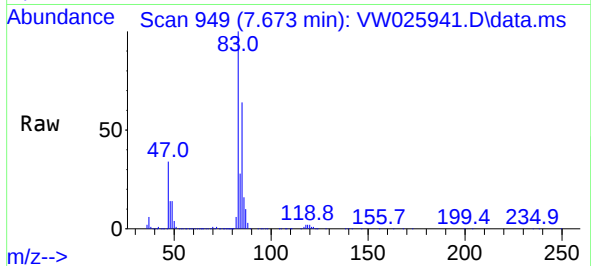




#25
Chloroform
Concen: 25.767 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

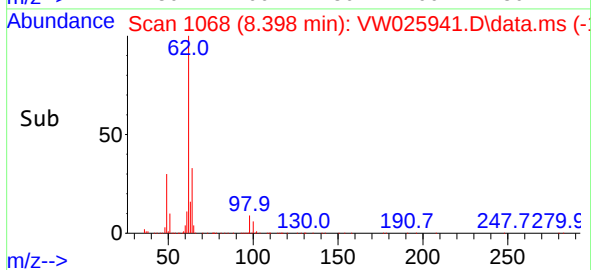
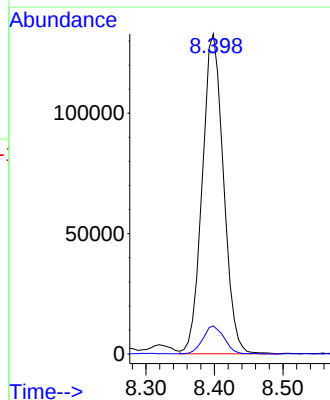
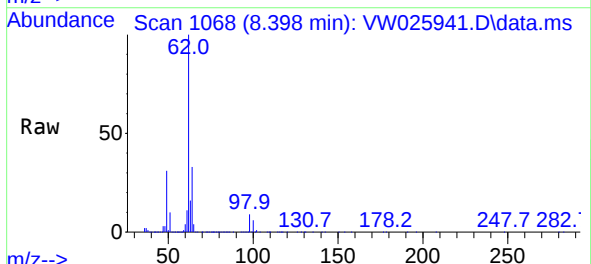
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

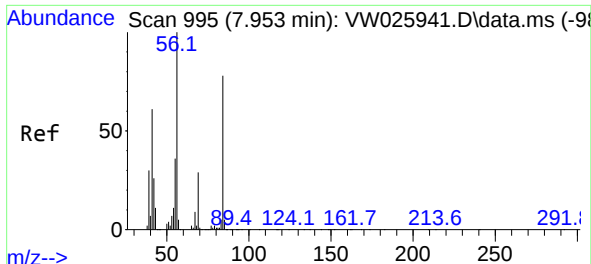
Tgt Ion: 83 Resp: 430588
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.163 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 62 Resp: 286754
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 26.680 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW025941.D

Acq: 11 May 2023 08:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

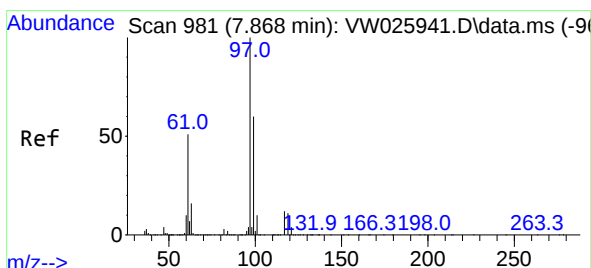
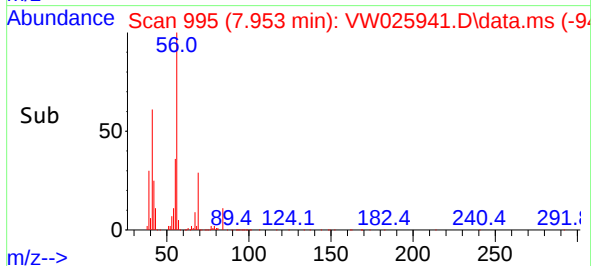
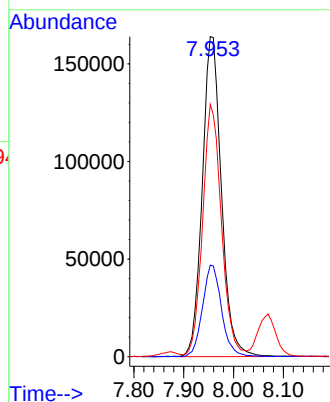
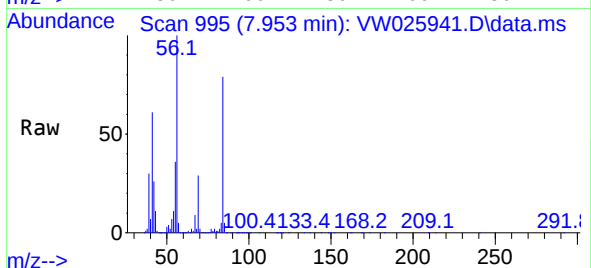
Tgt Ion: 56 Resp: 436465

Ion Ratio Lower Upper

56 100

69 28.6 23.4 35.0

84 77.8 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 26.783 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025941.D

Acq: 11 May 2023 08:25

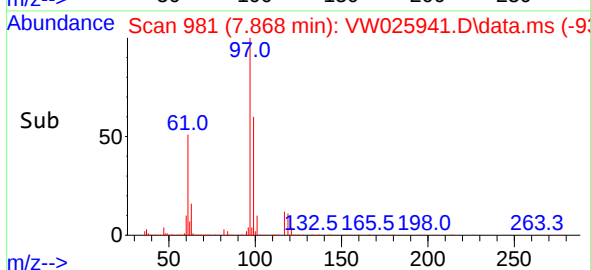
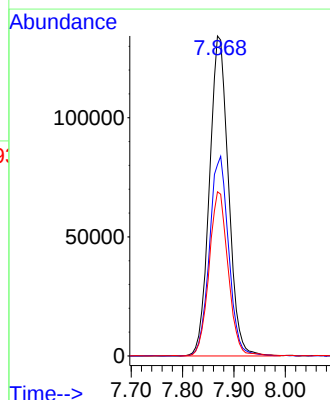
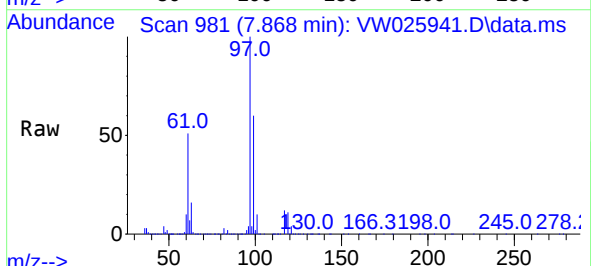
Tgt Ion: 97 Resp: 345781

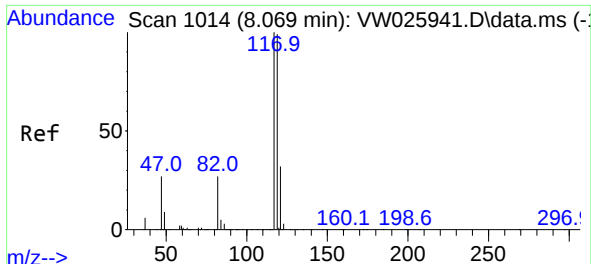
Ion Ratio Lower Upper

97 100

99 63.0 51.1 76.7

61 51.4 40.4 60.6

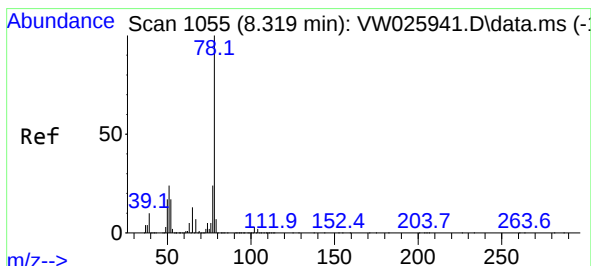
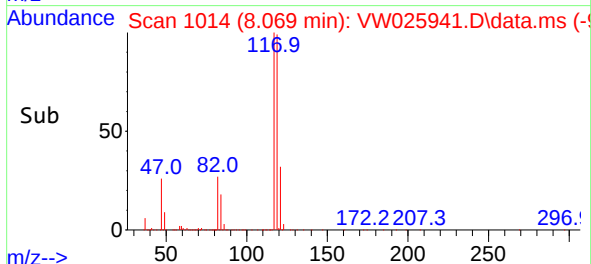
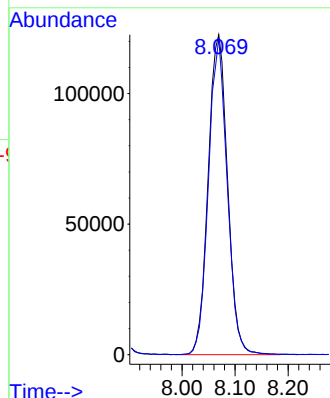
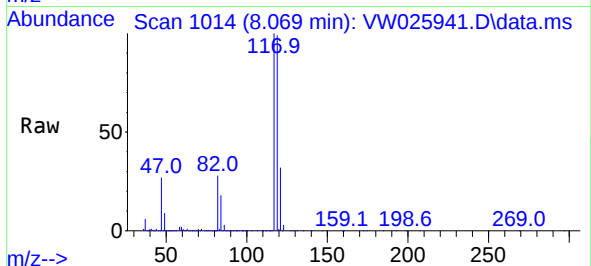




#31
Carbon tetrachloride
Concen: 26.808 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

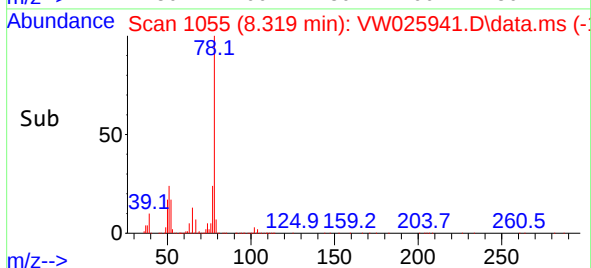
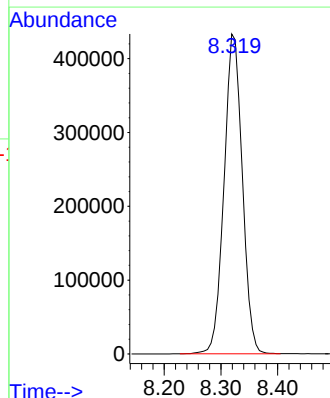
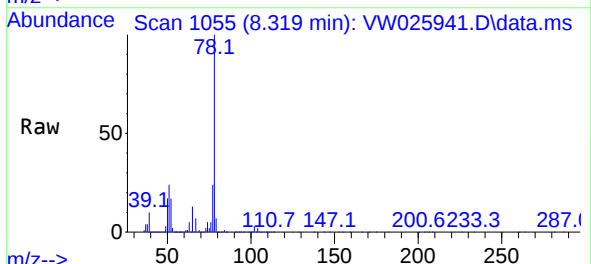
Instrument : MSVOA_W
ClientSampleId : VSTD025485

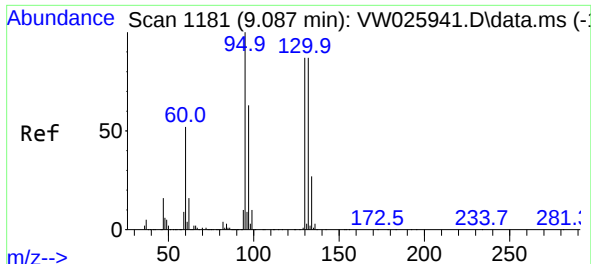
Tgt Ion:117 Resp: 311469
Ion Ratio Lower Upper
117 100
119 95.2 76.9 115.3



#33
Benzene
Concen: 26.558 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 78 Resp: 969981



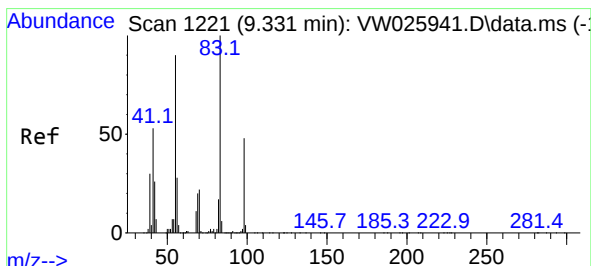
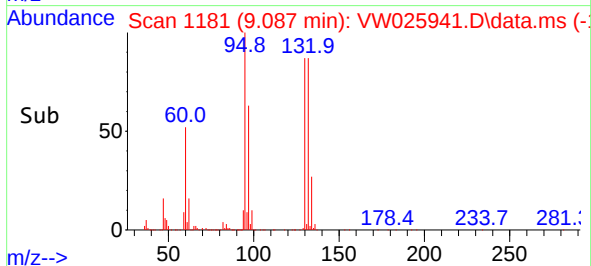
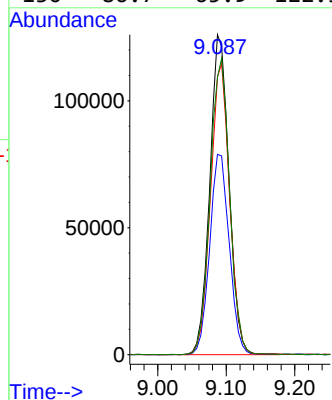
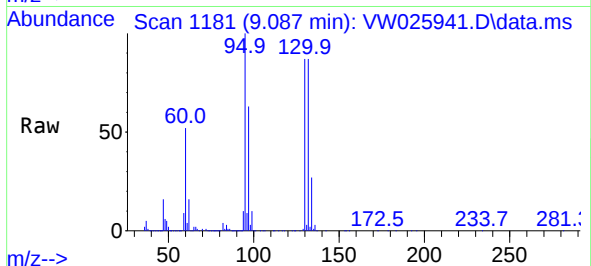


#34
Trichloroethene
Concen: 26.258 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

Tgt Ion: 95 Resp: 246093

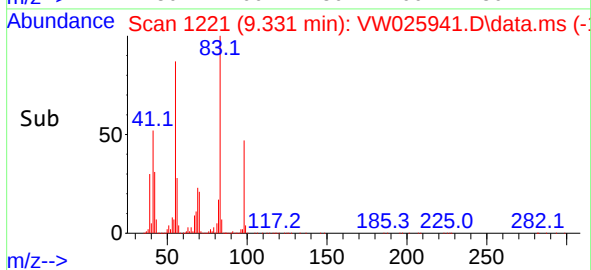
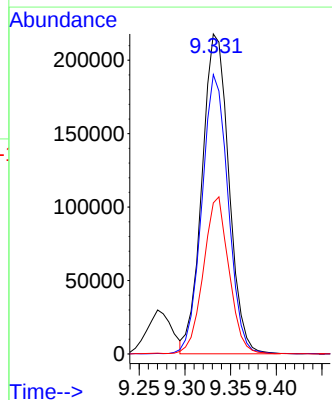
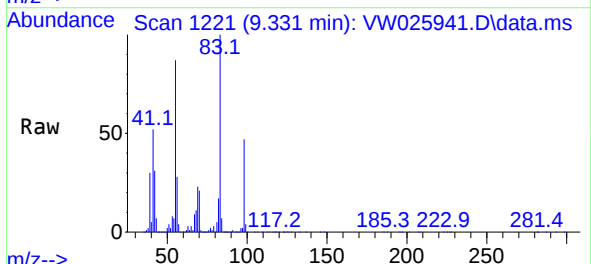
Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.9	85.3
132	86.8	66.0	122.6
130	86.7	65.9	122.3

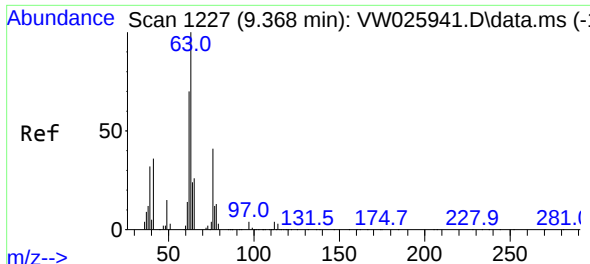


#35
Methylcyclohexane
Concen: 26.706 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 83 Resp: 445161

Ion	Ratio	Lower	Upper
83	100		
55	85.5	69.0	103.4
98	46.8	37.1	55.7





#37

1,2-Dichloropropane

Concen: 26.157 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025941.D

Acq: 11 May 2023 08:25

Instrument :

MSVOA_W

ClientSampleId :

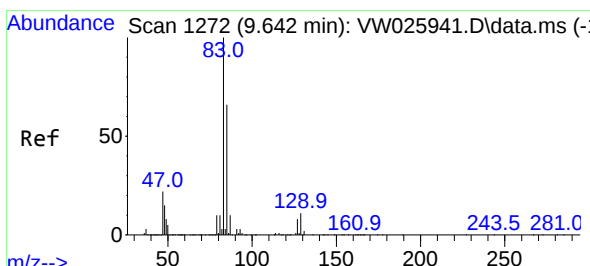
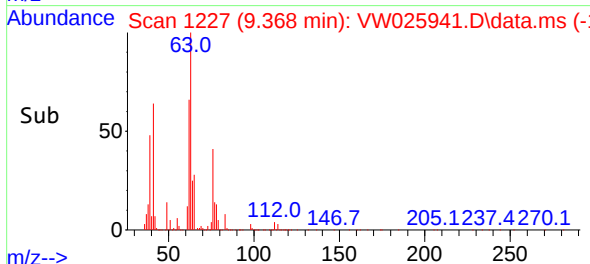
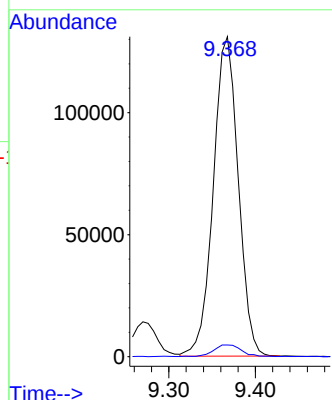
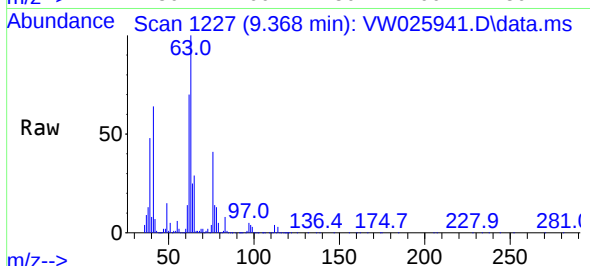
VSTD025485

Tgt Ion: 63 Resp: 261737

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 25.706 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025941.D

Acq: 11 May 2023 08:25

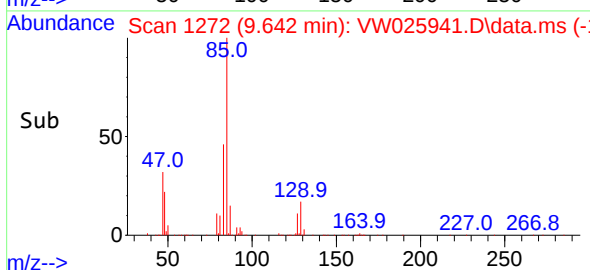
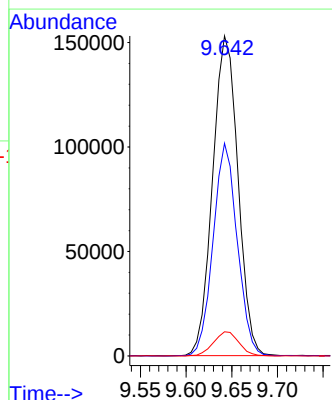
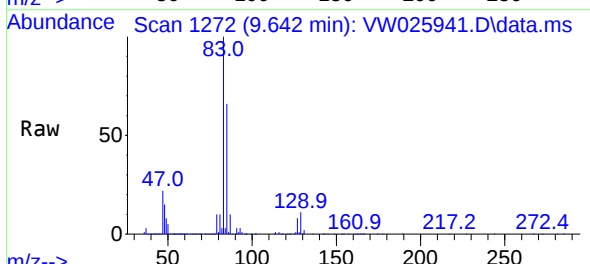
Tgt Ion: 83 Resp: 295104

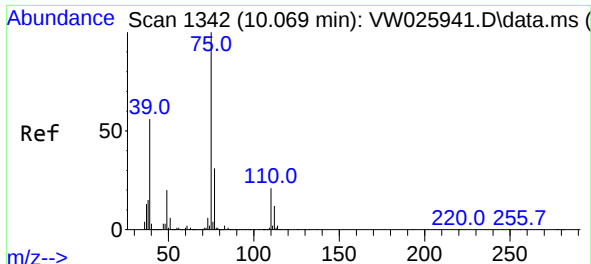
Ion Ratio Lower Upper

83 100

85 66.5 44.4 82.5

127 7.6 6.5 9.7

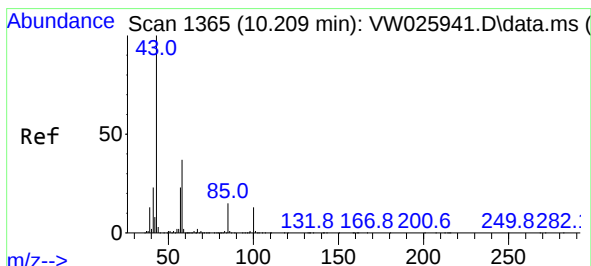
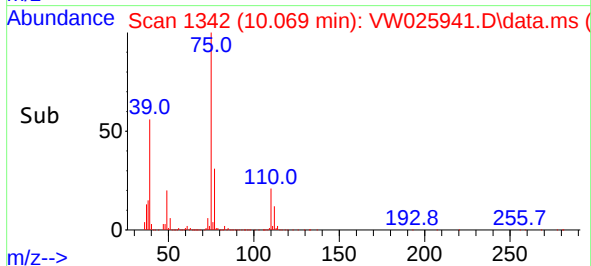
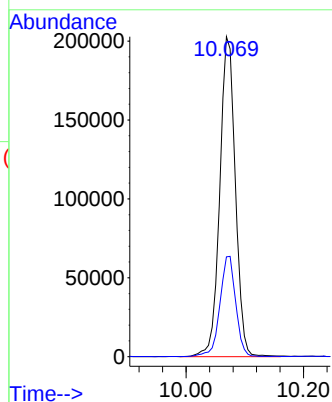
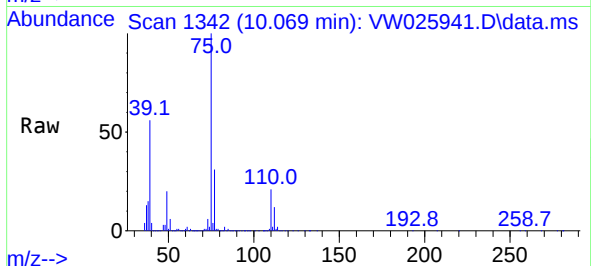




#39
cis-1,3-Dichloropropene
Concen: 25.484 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

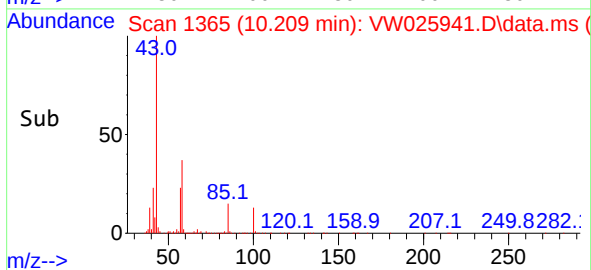
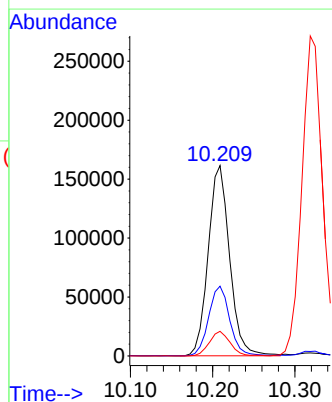
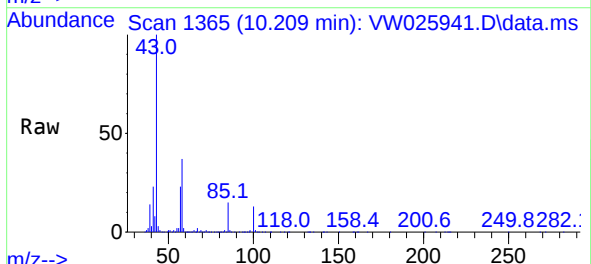
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

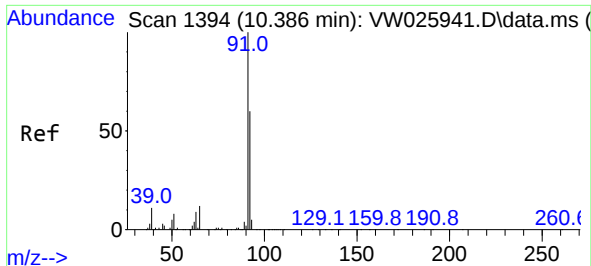
Tgt Ion: 75 Resp: 373961
Ion Ratio Lower Upper
75 100
77 31.2 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 44.853 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 43 Resp: 292140
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.0
100 12.4 10.1 15.1

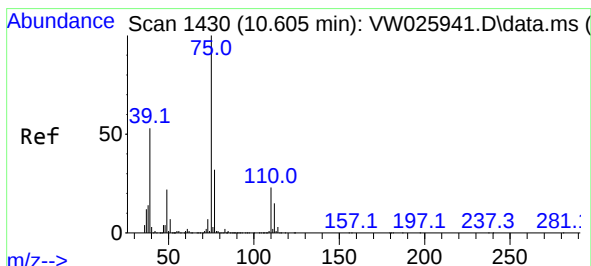
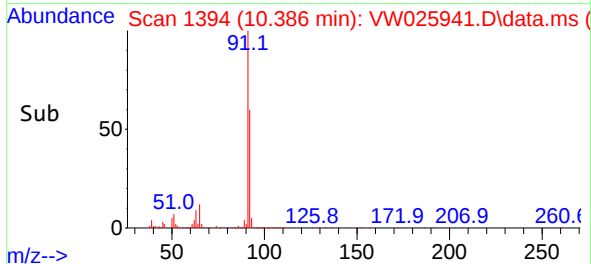
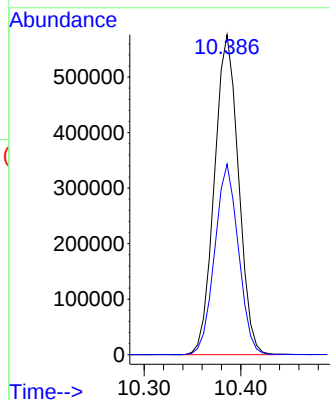
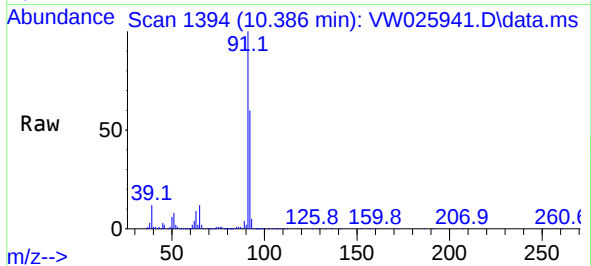




#42
Toluene
Concen: 26.690 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

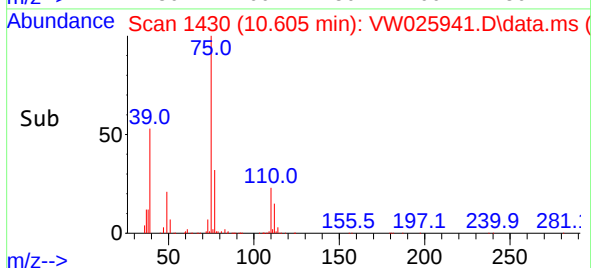
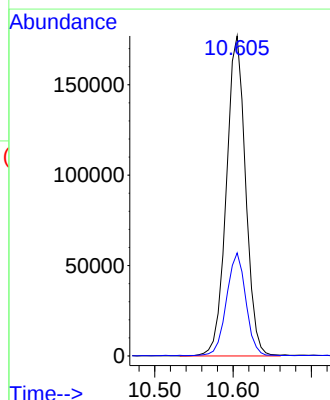
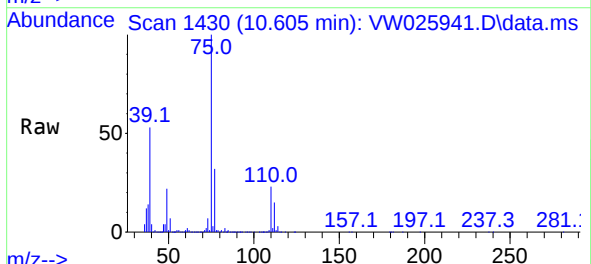
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

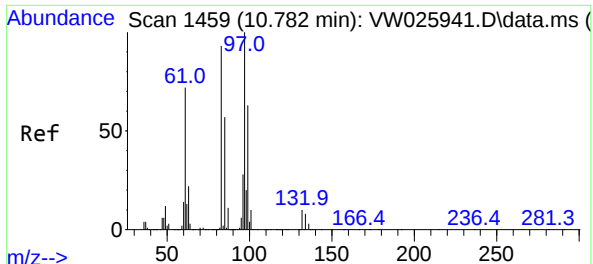
Tgt Ion: 91 Resp: 996038
Ion Ratio Lower Upper
91 100
92 59.6 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 24.857 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 75 Resp: 302244
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.4



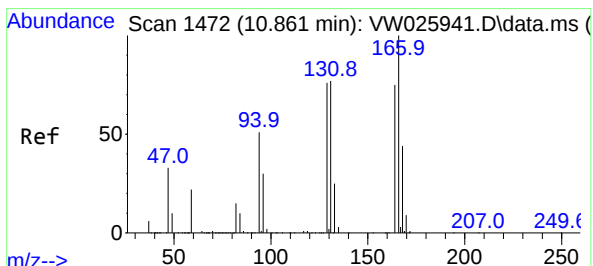
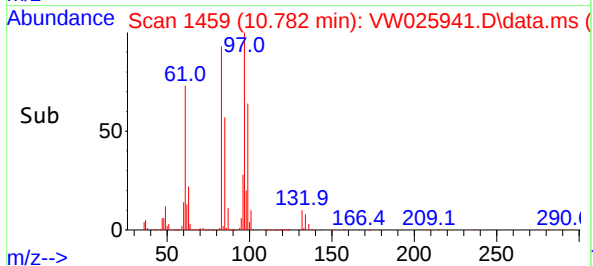
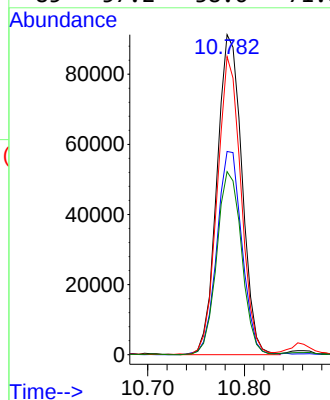
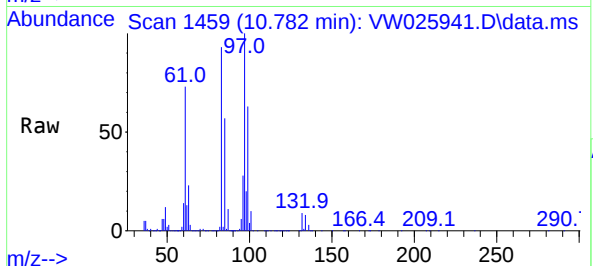


#45
1,1,2-Trichloroethane
Concen: 24.444 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

Tgt Ion: 97 Resp: 163623

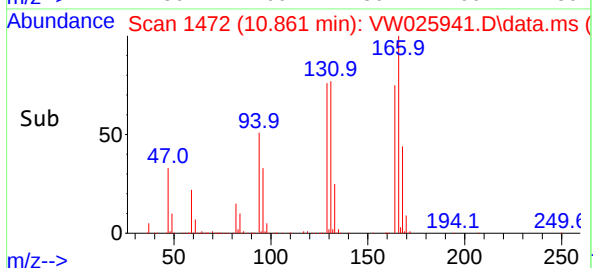
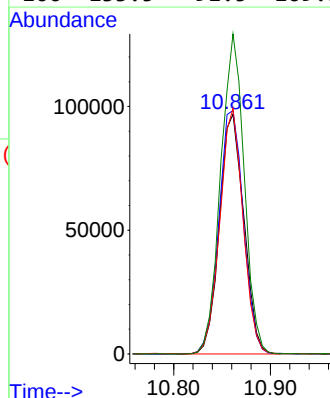
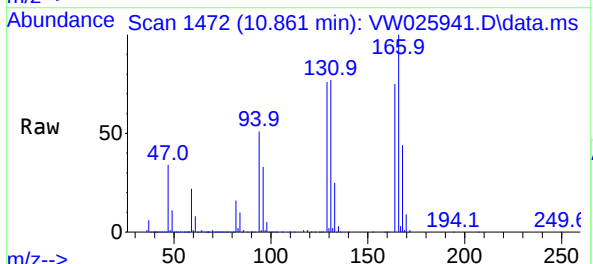
Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.5	82.7
83	93.2	63.0	117.0
85	57.2	38.6	71.8

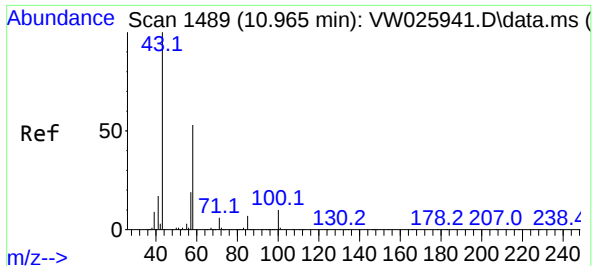


#46
Tetrachloroethene
Concen: 25.668 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 164 Resp: 169240

Ion	Ratio	Lower	Upper
164	100		
129	101.6	74.3	138.1
131	102.4	71.3	132.3
166	133.5	91.5	169.9



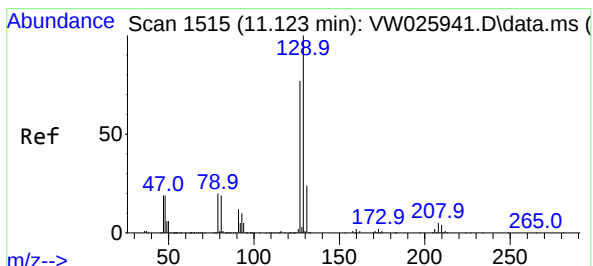
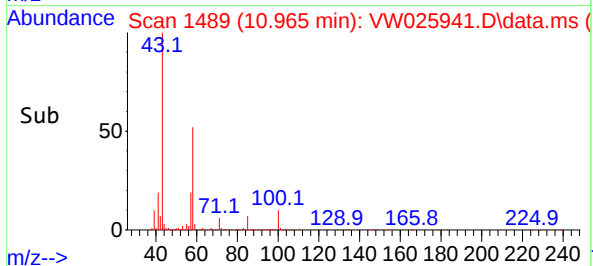
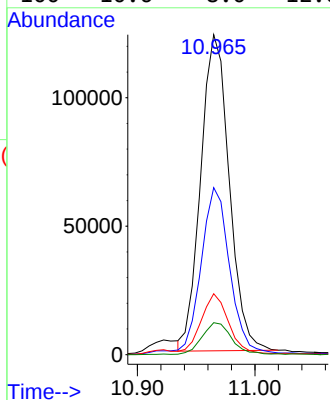
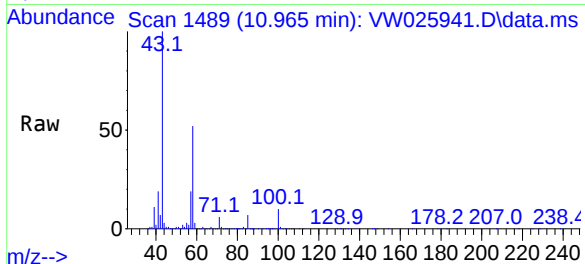


#48
2-Hexanone
Concen: 44.534 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

Tgt Ion: 43 Resp: 207797

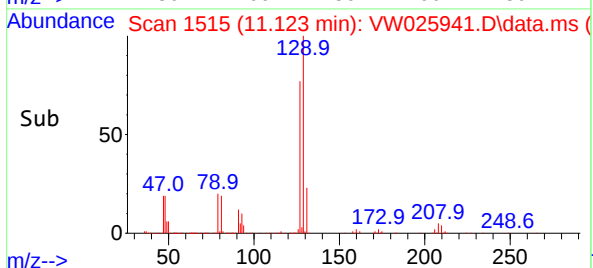
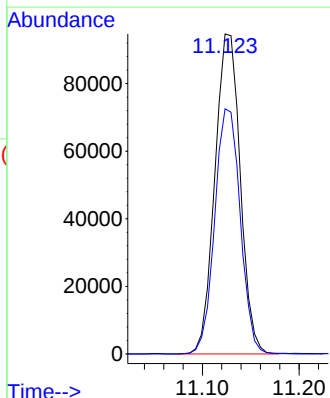
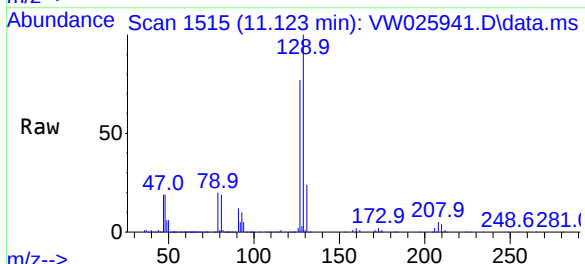
Ion	Ratio	Lower	Upper
43	100		
58	51.9	40.8	61.2
57	19.0	13.6	20.4
100	10.6	8.0	12.0

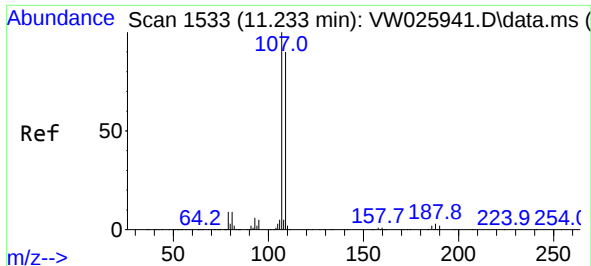


#49
Dibromochloromethane
Concen: 24.920 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 129 Resp: 172694

Ion	Ratio	Lower	Upper
129	100		
127	76.6	56.1	104.3





#50

1,2-Dibromoethane

Concen: 23.900 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025941.D

Acq: 11 May 2023 08:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

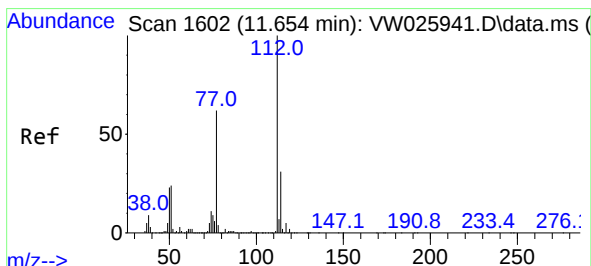
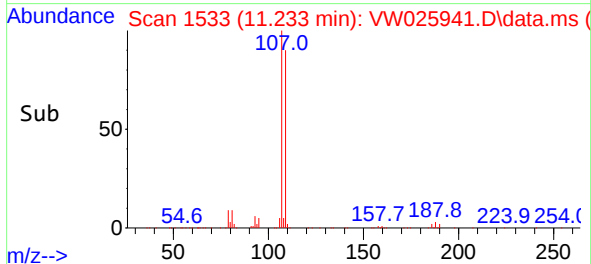
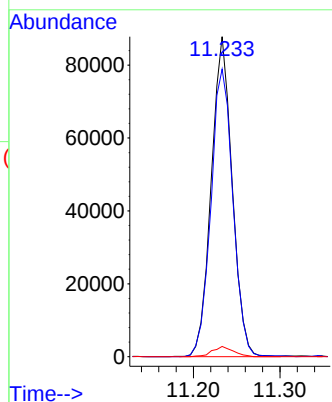
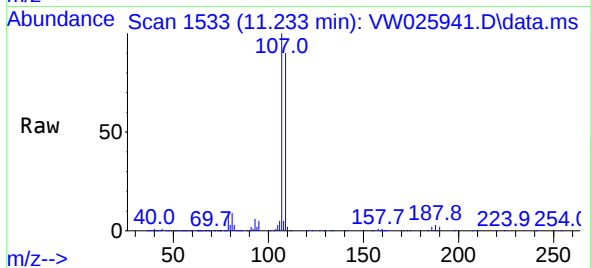
Tgt Ion:107 Resp: 147480

Ion Ratio Lower Upper

107 100

109 89.8 67.5 125.4

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 25.840 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025941.D

Acq: 11 May 2023 08:25

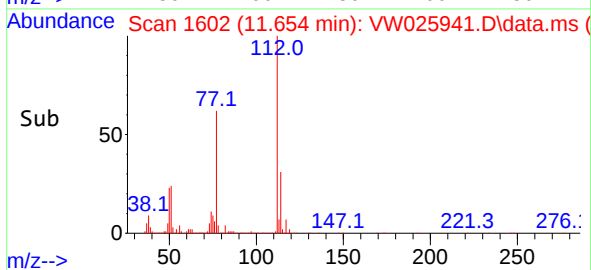
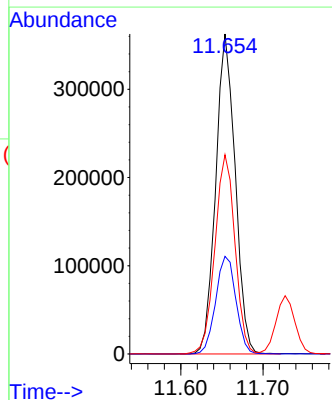
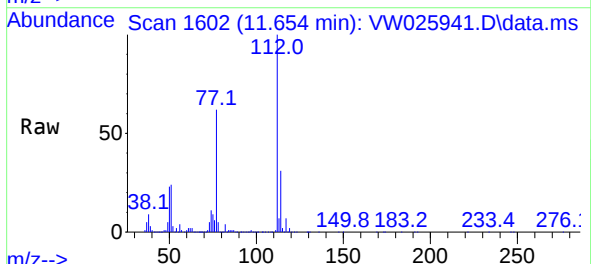
Tgt Ion:112 Resp: 597393

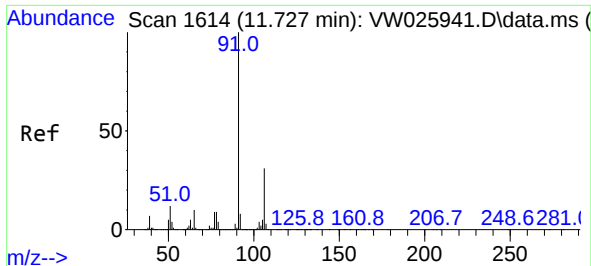
Ion Ratio Lower Upper

112 100

114 30.5 22.7 42.3

77 62.3 53.0 79.6

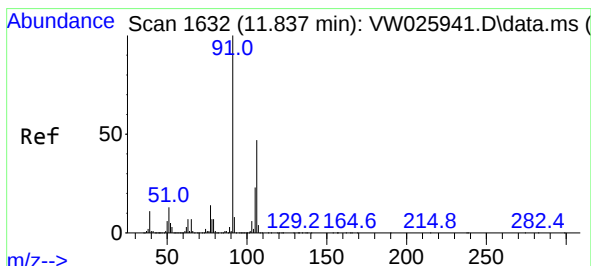
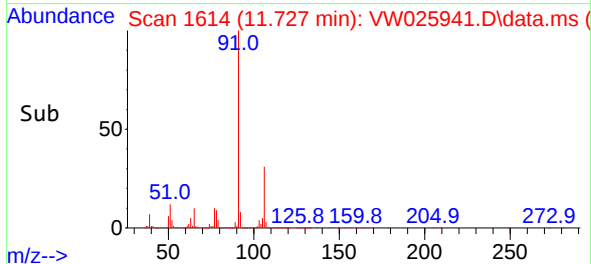
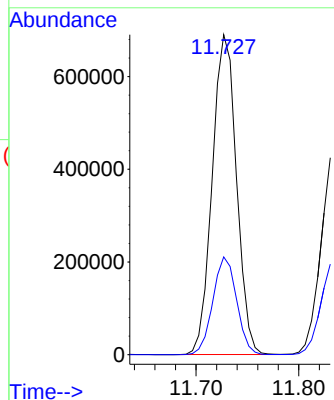
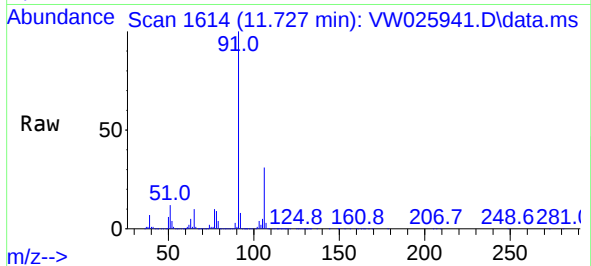




#52
Ethylbenzene
Concen: 26.920 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

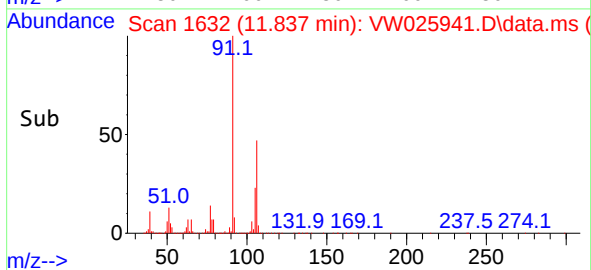
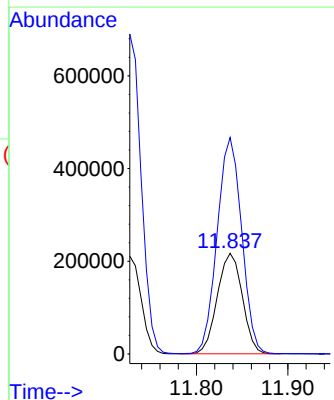
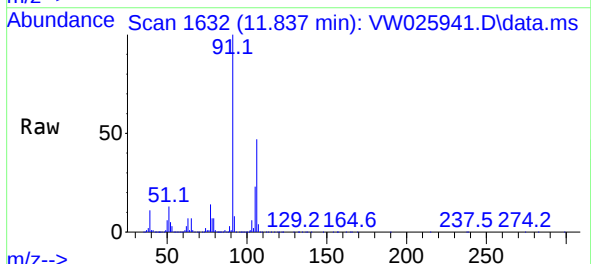
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

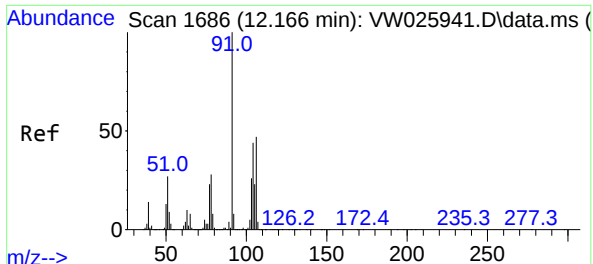
Tgt Ion: 91 Resp: 1130086
Ion Ratio Lower Upper
91 100
106 30.6 20.8 38.6



#53
m,p-Xylene
Concen: 26.720 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 106 Resp: 412824
Ion Ratio Lower Upper
106 100
91 215.0 150.1 278.9

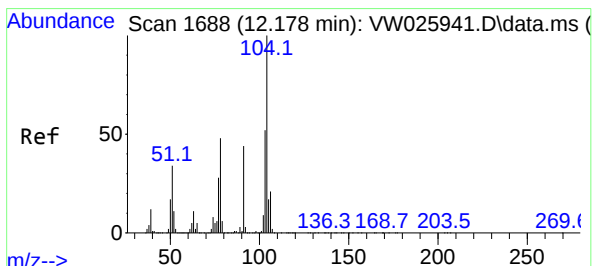
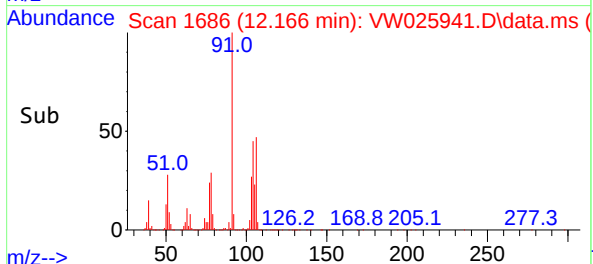
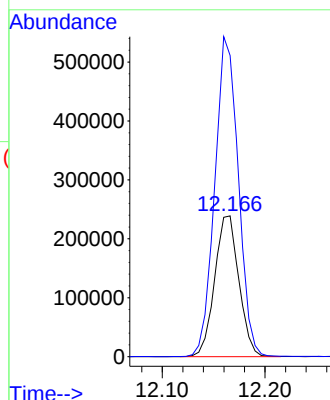
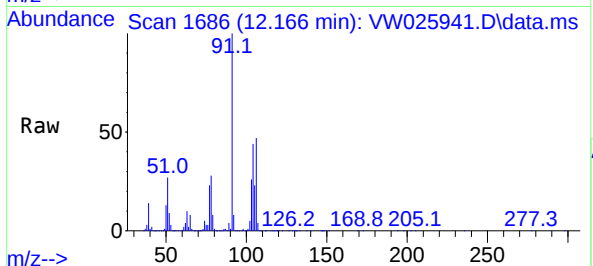




#54
o-Xylene
Concen: 26.823 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

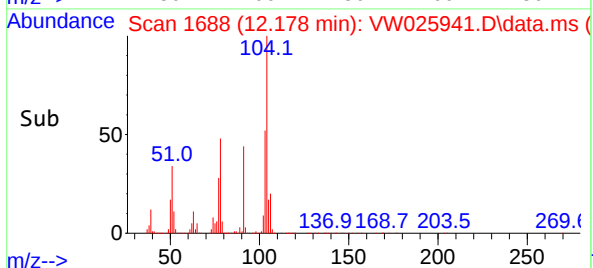
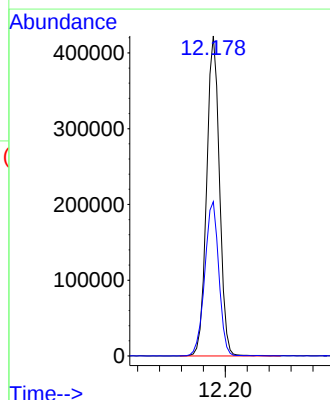
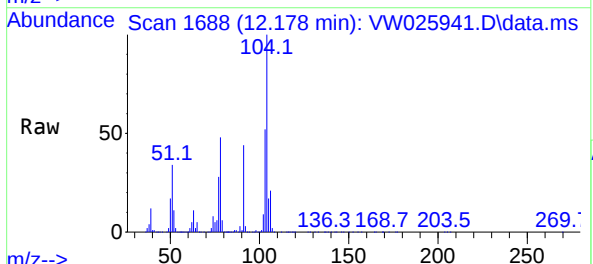
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

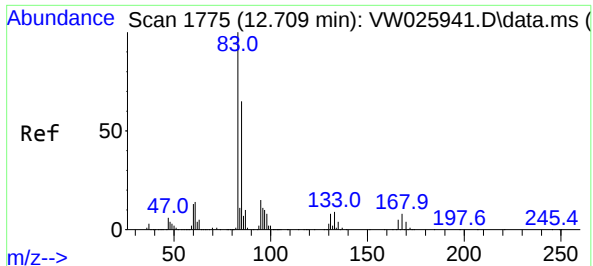
Tgt Ion:106 Resp: 390622
Ion Ratio Lower Upper
106 100
91 213.8 157.8 293.1



#55
Styrene
Concen: 27.401 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion:104 Resp: 682969
Ion Ratio Lower Upper
104 100
78 48.2 33.4 62.0



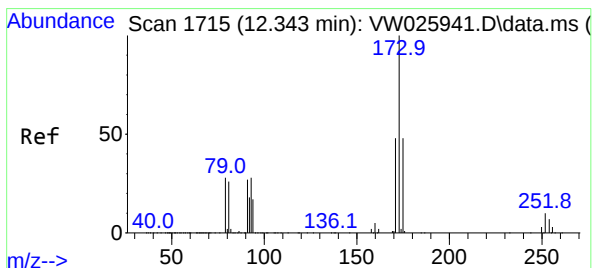
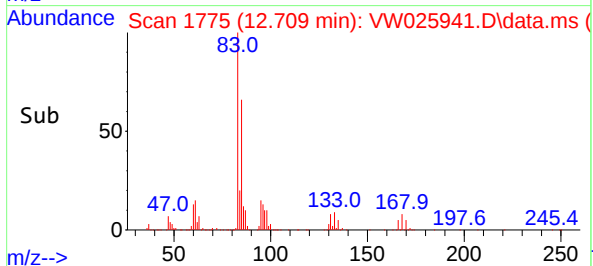
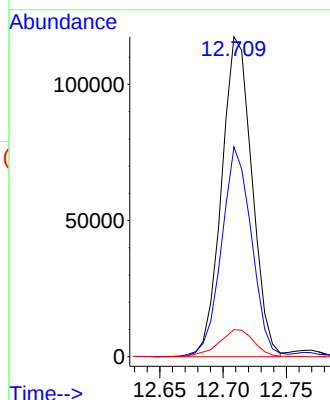
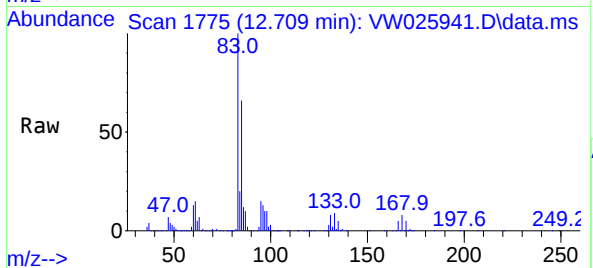


#57
1,1,2,2-Tetrachloroethane
Concen: 23.459 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

Tgt Ion: 83 Resp: 195933

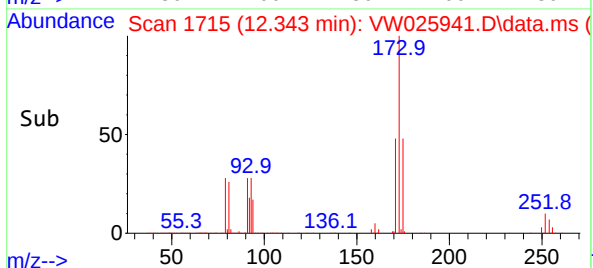
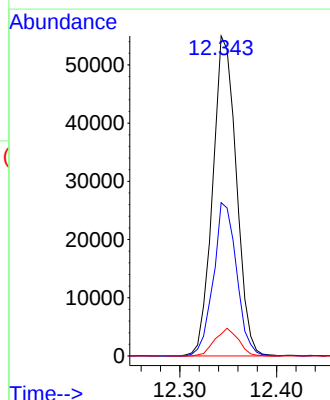
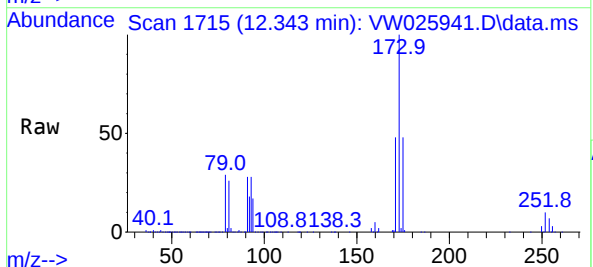
Ion	Ratio	Lower	Upper
83	100		
85	65.6	45.6	84.8
131	8.4	8.1	12.1

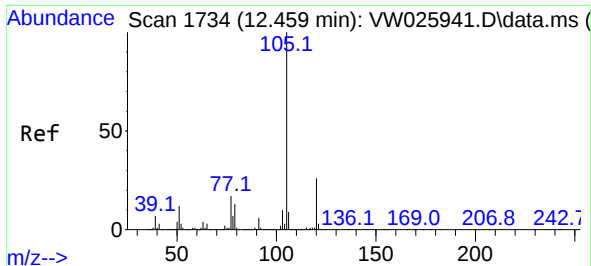


#59
Bromoform
Concen: 24.251 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 173 Resp: 93344

Ion	Ratio	Lower	Upper
173	100		
175	46.9	38.6	57.8
254	8.6	7.6	11.4

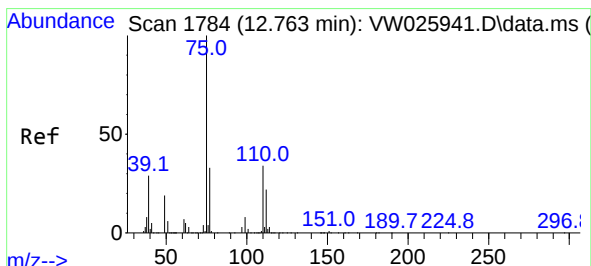
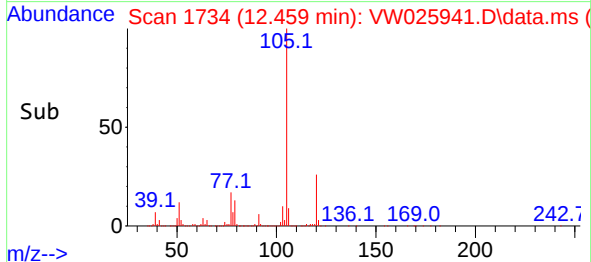
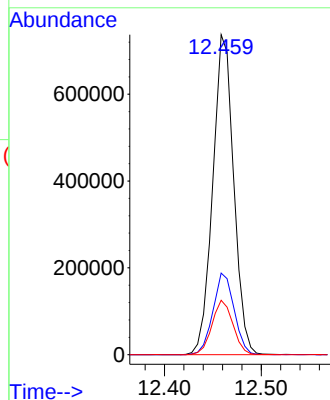
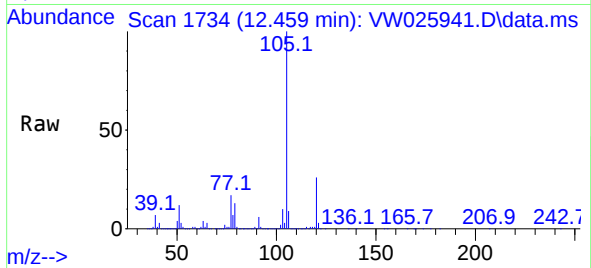




#60
Isopropylbenzene
Concen: 28.072 ug/L
RT: 12.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

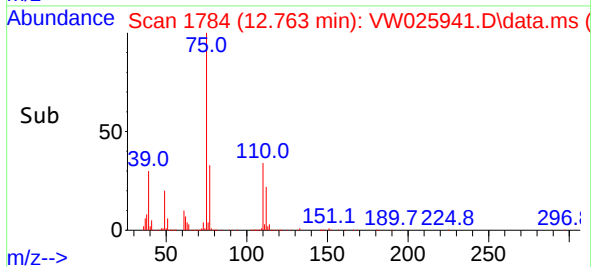
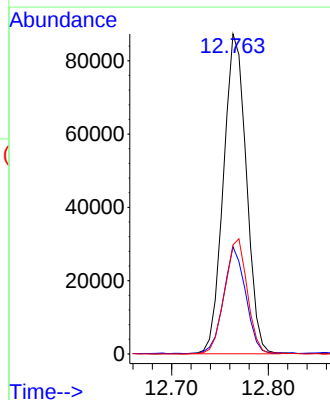
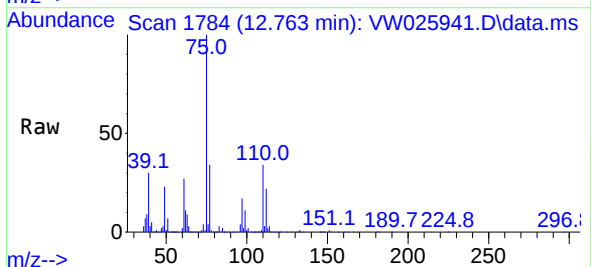
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

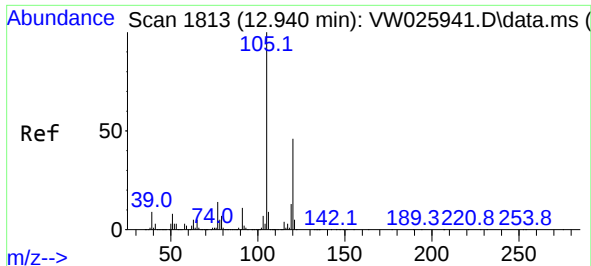
Tgt Ion:105 Resp: 1108831
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 16.9 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 23.370 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 75 Resp: 143524
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
110 35.5 27.6 41.4

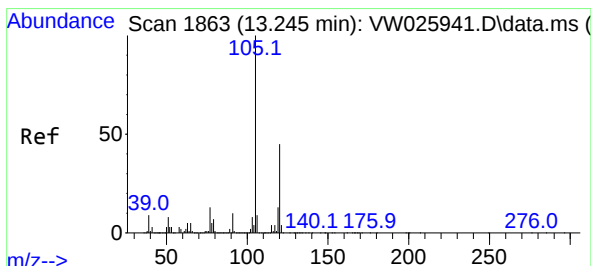
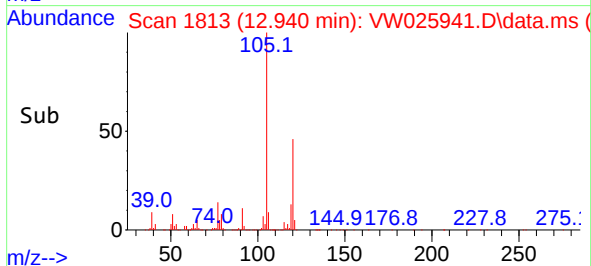
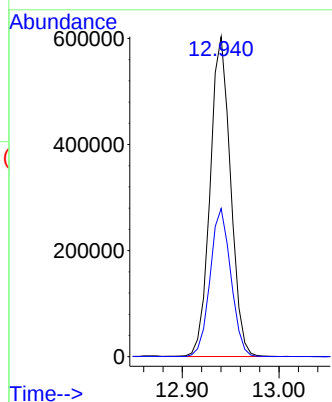
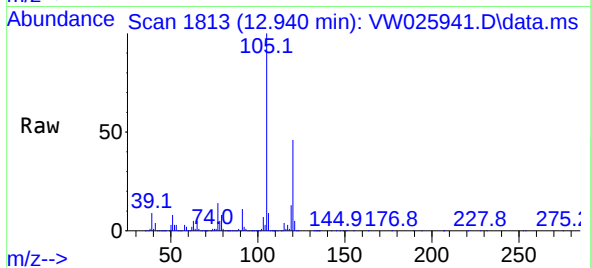




#62
1,3,5-Trimethylbenzene
Concen: 28.316 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

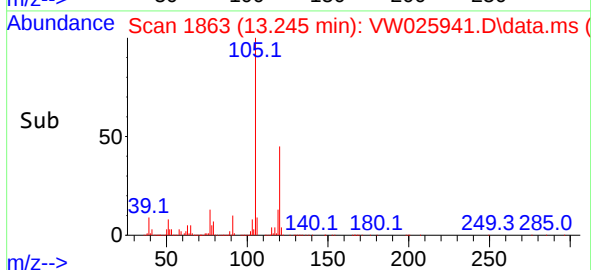
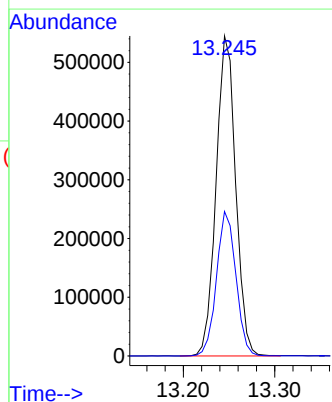
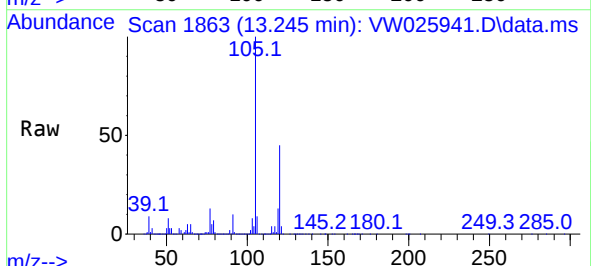
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

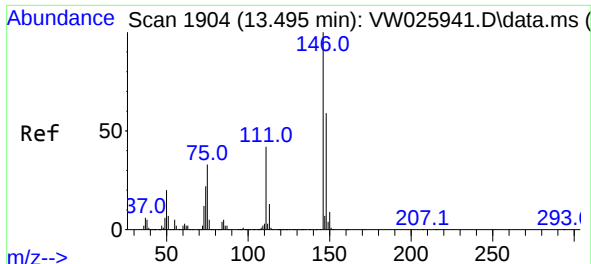
Tgt Ion:105 Resp: 885881
Ion Ratio Lower Upper
105 100
120 46.9 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 28.052 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion:105 Resp: 809858
Ion Ratio Lower Upper
105 100
120 44.7 34.7 52.1

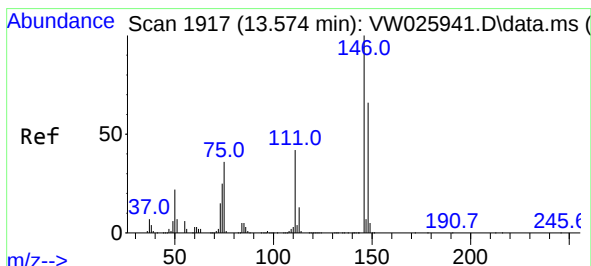
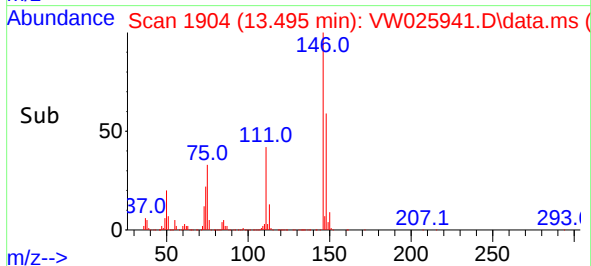
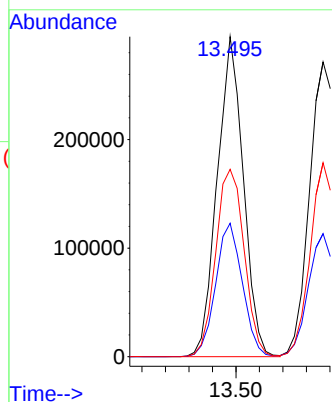
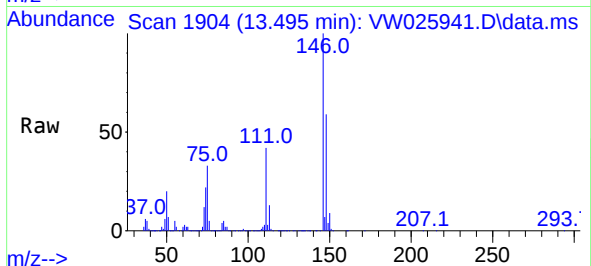




#64
1,3-Dichlorobenzene
Concen: 26.817 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

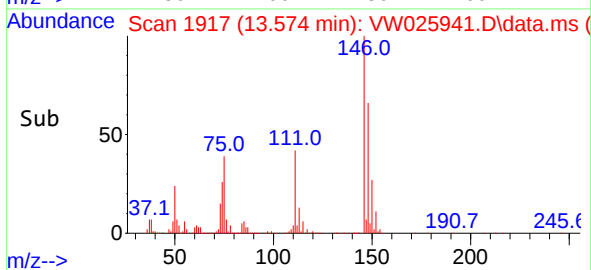
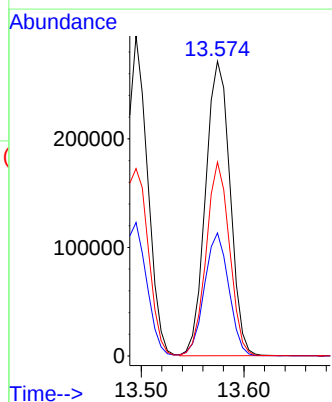
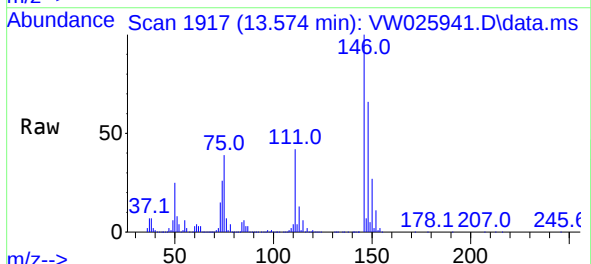
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

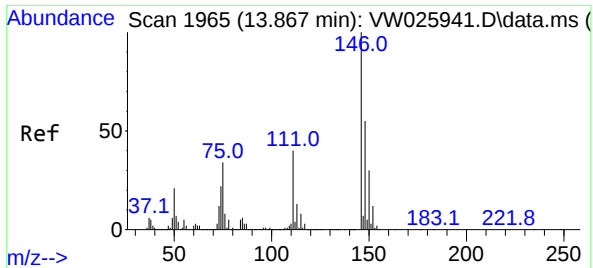
Tgt Ion:146 Resp: 456002
Ion Ratio Lower Upper
146 100
111 41.7 30.4 56.4
148 58.5 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 26.219 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion:146 Resp: 450410
Ion Ratio Lower Upper
146 100
111 41.8 27.9 51.9
148 65.8 44.7 82.9

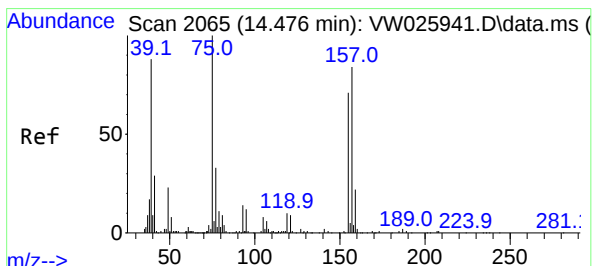
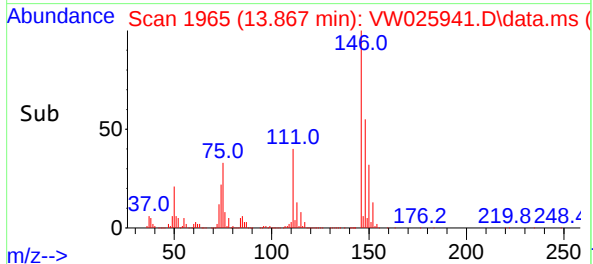
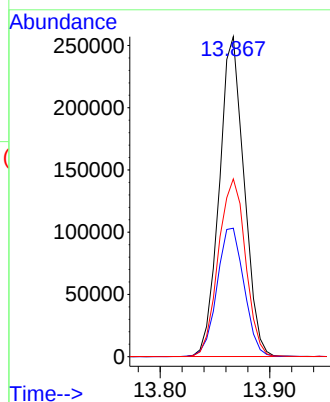
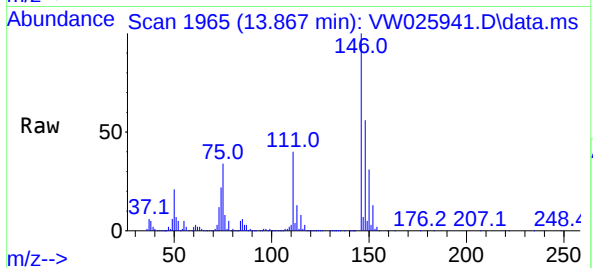




#67
1,2-Dichlorobenzene
Concen: 26.691 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

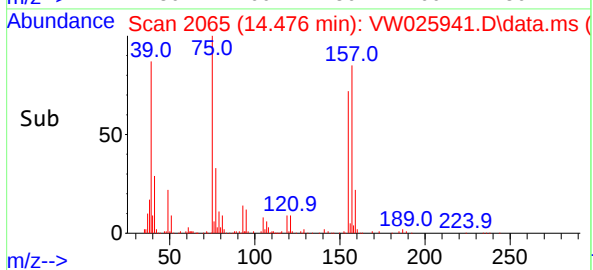
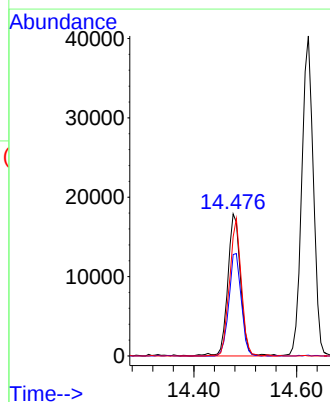
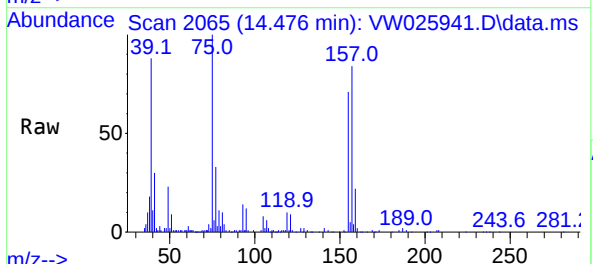
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

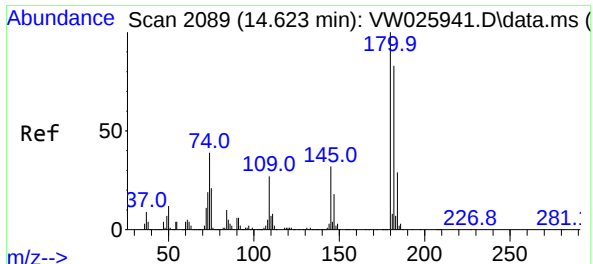
Tgt Ion:146 Resp: 404749
Ion Ratio Lower Upper
146 100
111 40.2 37.7 56.5
148 55.5 49.4 74.0



#68
1,2-Dibromo-3-chloropropane
Concen: 21.855 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion: 75 Resp: 31124
Ion Ratio Lower Upper
75 100
155 71.4 56.3 84.5
157 83.8 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 26.494 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025941.D

Acq: 11 May 2023 08:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

Tgt Ion:180 Resp: 299042

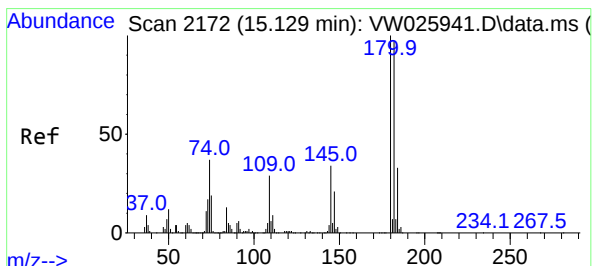
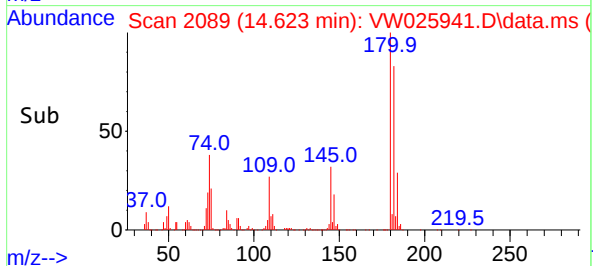
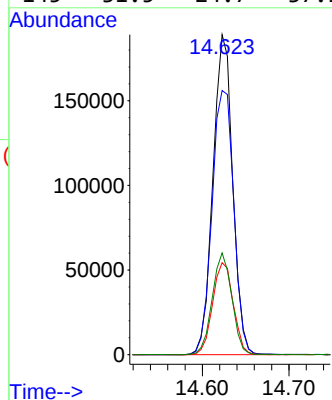
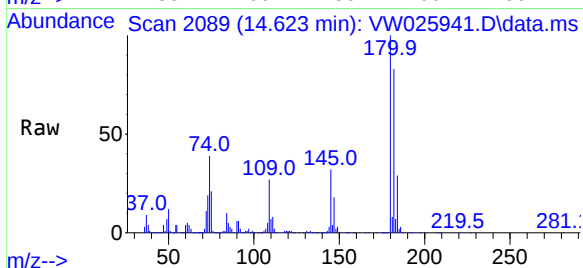
Ion Ratio Lower Upper

180 100

182 90.9 77.4 116.0

184 30.0 24.7 37.1

145 31.5 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 25.624 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW025941.D

Acq: 11 May 2023 08:25

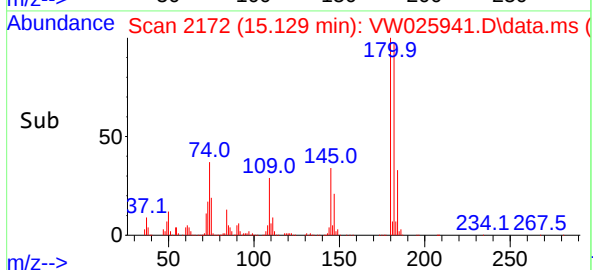
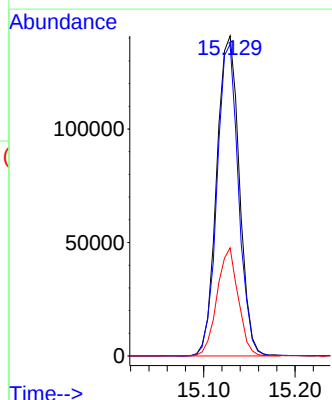
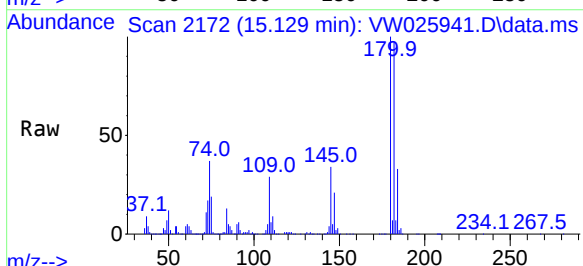
Tgt Ion:180 Resp: 242297

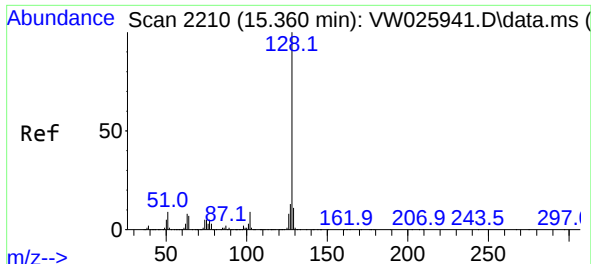
Ion Ratio Lower Upper

180 100

182 92.6 74.3 111.5

145 31.4 25.4 38.0



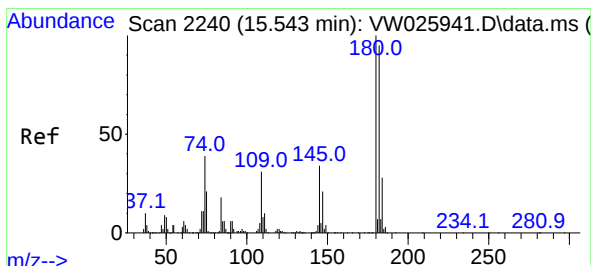
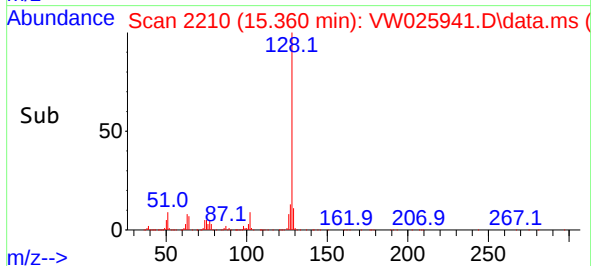
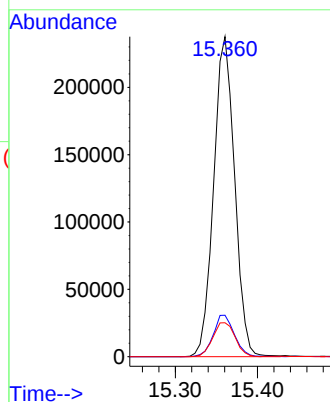
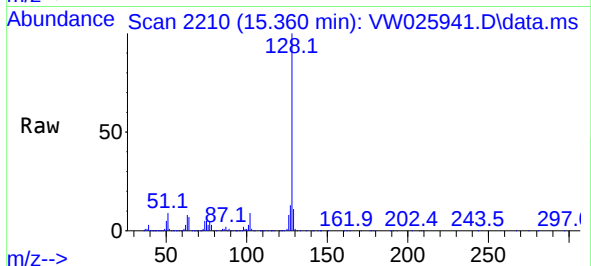


#71
Naphthalene
Concen: 23.594 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

Tgt Ion:128 Resp: 421100

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.4	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 24.561 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW025941.D
Acq: 11 May 2023 08:25

Tgt Ion:180 Resp: 206073

Ion	Ratio	Lower	Upper
180	100		
182	98.8	76.1	114.1
145	35.1	28.0	42.0

