

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051223\
 Data File : VW025960.D
 Acq On : 12 May 2023 09:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

Quant Time: May 14 22:45:59 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	565919	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	502390	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	258431	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	192137	23.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.840%
7) Chloroethane-d5	2.899	69	159340	26.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	4.021	65	94565	23.549	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.200%
21) 2-Butanone-d5	7.075	46	124475	46.952	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.900%
24) Chloroform-d	7.648	84	420305	25.757	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.040%
26) 1,2-Dichloroethane-d4	8.301	65	224314	24.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	8.270	84	835046	25.438	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.760%
36) 1,2-Dichloropropane-d6	9.270	67	268381	25.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.200%
41) Toluene-d8	10.325	98	724151	24.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.960%
43) trans-1,3-Dichloroprop...	10.575	79	101187	23.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.080%
47) 2-Hexanone-d5	10.922	63	87897	49.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	201501	25.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	13.849	152	222901	23.660	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	142239	22.497	ug/L	95
3) Chloromethane	2.223	50	229963	24.668	ug/L	98
5) Vinyl chloride	2.375	62	240963	24.973	ug/L	100
6) Bromomethane	2.790	94	132444	25.237	ug/L	95
8) Chloroethane	2.930	64	143455	26.146	ug/L	100
9) Trichlorofluoromethane	3.265	101	164511	22.592	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	195574	24.695	ug/L	98
12) 1,1-Dichloroethene	4.045	96	181731	24.011	ug/L	95
13) Acetone	4.119	43	102725	43.698	ug/L	98
14) Carbon disulfide	4.387	76	587912	22.969	ug/L	100
15) Methyl Acetate	4.667	43	101339	21.876	ug/L	97
16) Methylene chloride	4.917	84	218590	18.729	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	193401	23.423	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	295310	23.565	ug/L	99
19) 1,1-Dichloroethane	6.216	63	414483	24.433	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	209499	23.650	ug/L	99
22) 2-Butanone	7.167	43	133151	41.020	ug/L	99
23) Bromochloromethane	7.514	128	88223	23.509	ug/L	94
25) Chloroform	7.673	83	387745	24.869	ug/L	98

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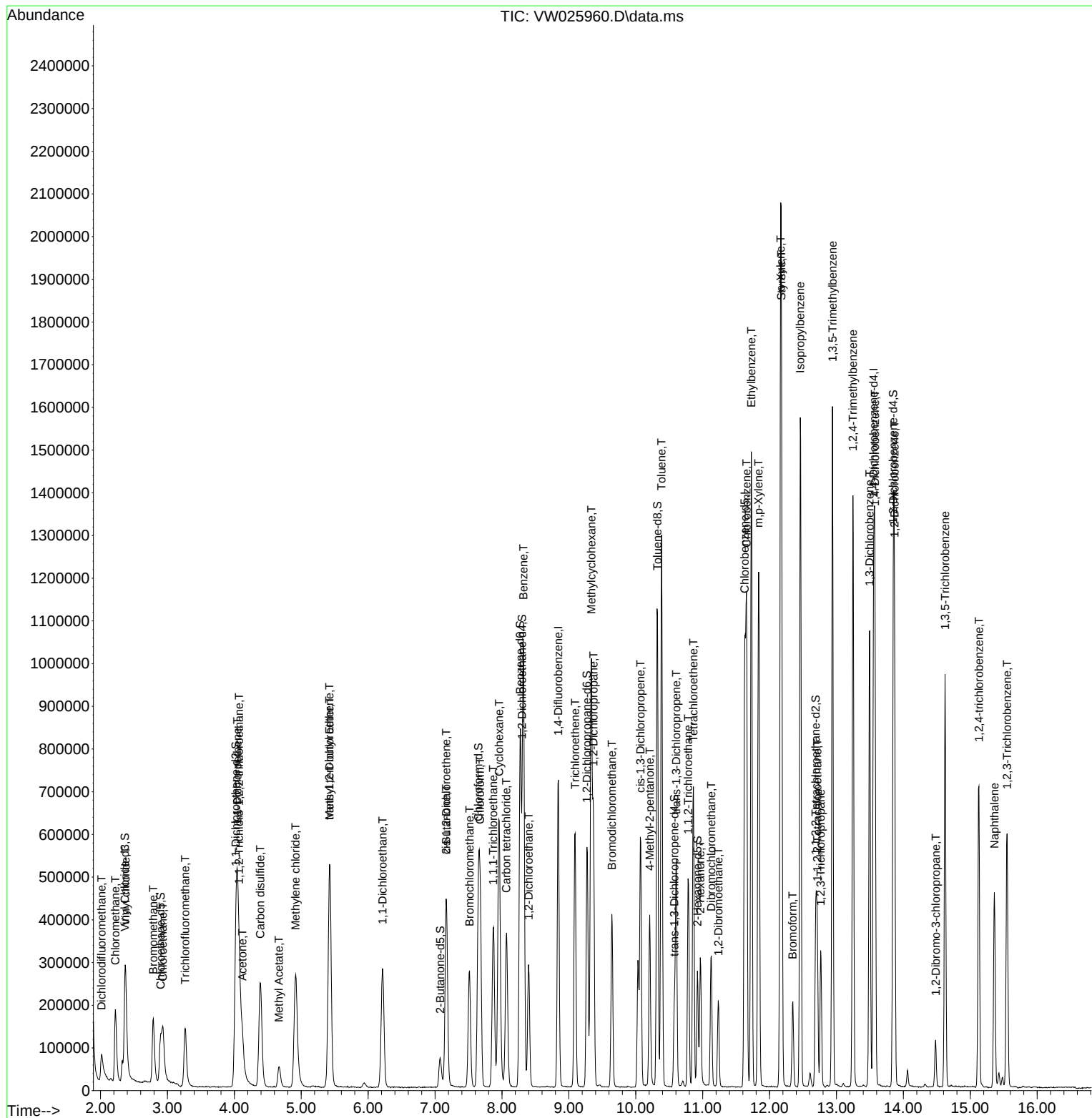
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	260569	23.532	ug/L	99
29) Cyclohexane	7.959	56	370661	23.808	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	301826	24.566	ug/L	99
31) Carbon tetrachloride	8.063	117	274548	24.830	ug/L	99
33) Benzene	8.319	78	856569	24.644	ug/L	100
34) Trichloroethene	9.093	95	217244	24.357	ug/L	96
35) Methylcyclohexane	9.337	83	378287	23.847	ug/L	99
37) 1,2-Dichloropropane	9.368	63	234976	24.675	ug/L	100
38) Bromodichloromethane	9.642	83	265811	24.330	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	339393	24.303	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	280547	45.261	ug/L	99
42) Toluene	10.386	91	895305	25.209	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	279276	24.135	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	151061	23.714	ug/L	97
46) Tetrachloroethene	10.861	164	151997	24.224	ug/L	91
48) 2-Hexanone	10.965	43	205320	46.238	ug/L	98
49) Dibromochloromethane	11.130	129	158995	24.109	ug/L	97
50) 1,2-Dibromoethane	11.233	107	135550	23.082	ug/L	95
51) Chlorobenzene	11.654	112	545417	24.790	ug/L	97
52) Ethylbenzene	11.727	91	1001973	25.081	ug/L	99
53) m,p-Xylene	11.837	106	369008	25.097	ug/L	100
54) o-Xylene	12.166	106	346289	24.987	ug/L	99
55) Styrene	12.178	104	610342	25.731	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	183559	23.094	ug/L	98
59) Bromoform	12.343	173	83746	21.878	ug/L	98
60) Isopropylbenzene	12.459	105	978421	24.907	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	132760	21.737	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	778575	25.023	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	704979	24.554	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	389196	23.015	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	396111	23.185	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	356959	23.669	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	29414	20.769	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	268324	23.904	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	207590	22.075	ug/L	97
71) Naphthalene	15.360	128	376431	21.208	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	186817	22.389	ug/L	100

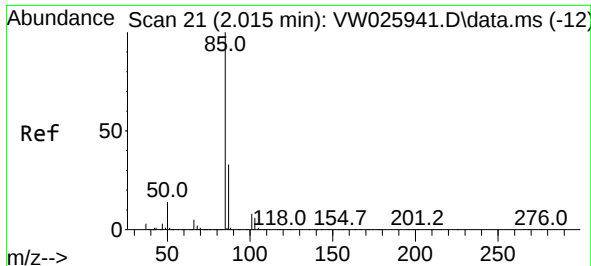
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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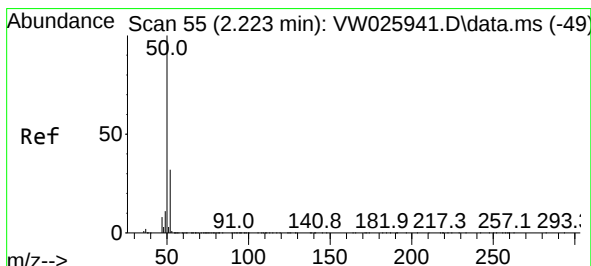
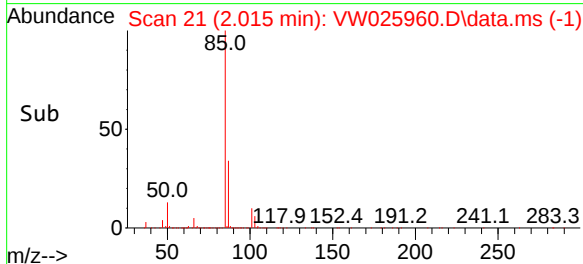
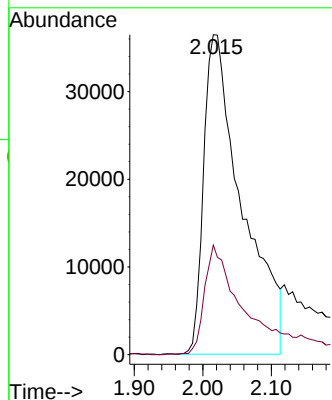
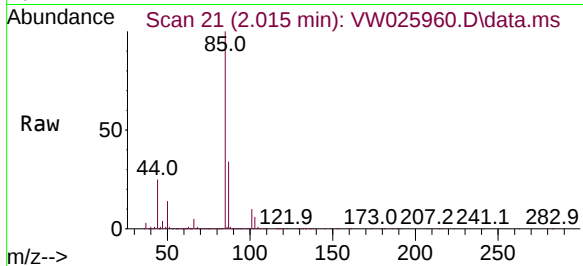




#2
 Dichlorodifluoromethane
 Concen: 22.497 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025960.D
 Acq: 12 May 2023 09:39

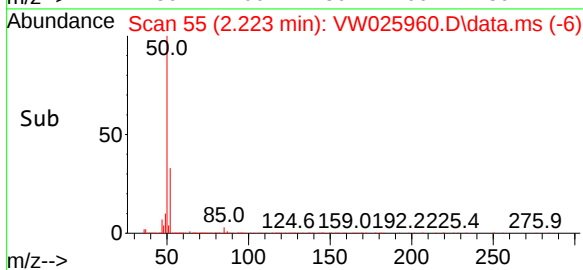
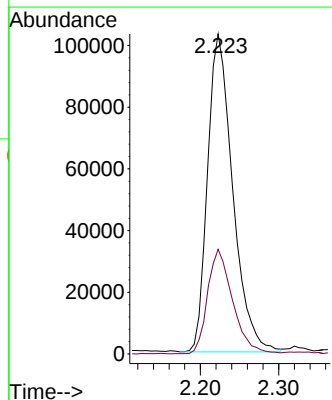
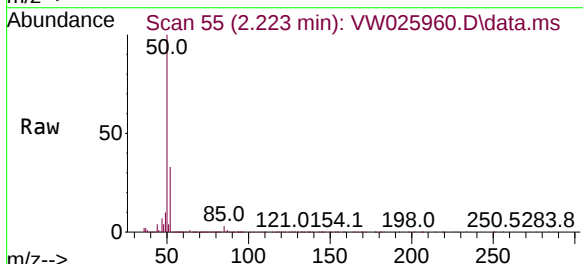
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 MSVOA_W
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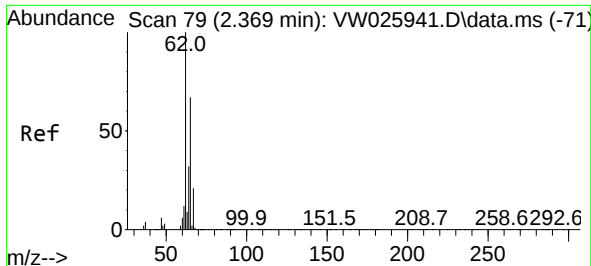
Tgt Ion: 85 Resp: 142239
 Ion Ratio Lower Upper
 85 100
 87 33.4 24.7 37.1



#3
 Chloromethane
 Concen: 24.668 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025960.D
 Acq: 12 May 2023 09:39

Tgt Ion: 50 Resp: 229963
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.1 41.1

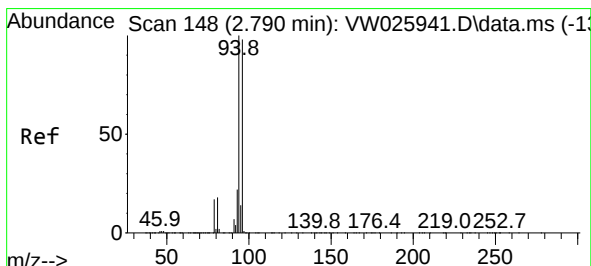
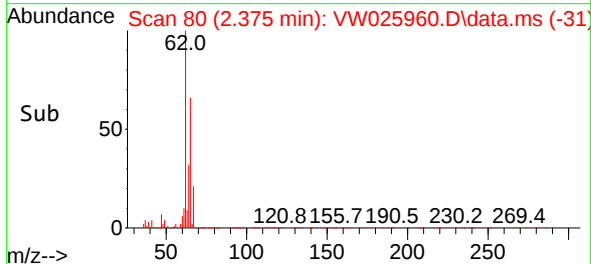
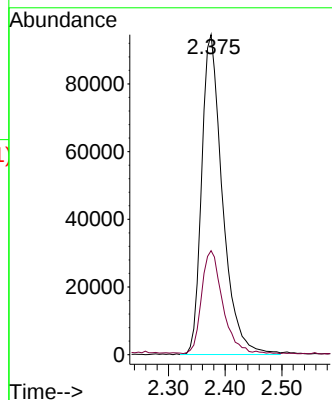
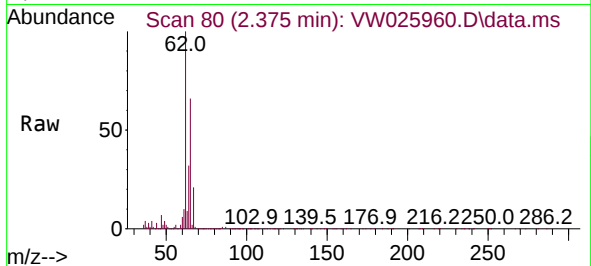




#5
 Vinyl chloride
 Concen: 24.973 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025960.D
 Acq: 12 May 2023 09:39

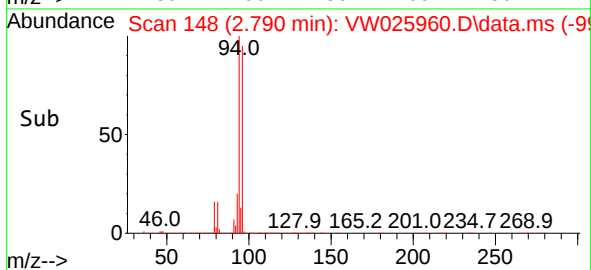
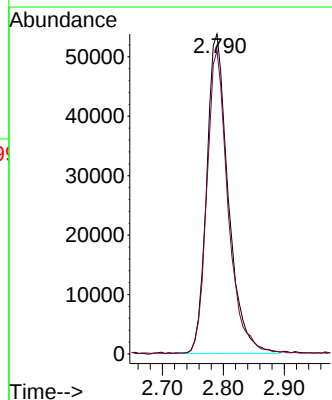
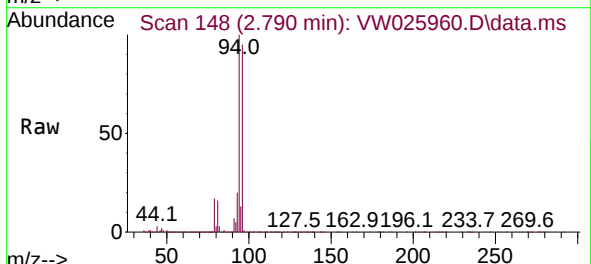
Instrument :
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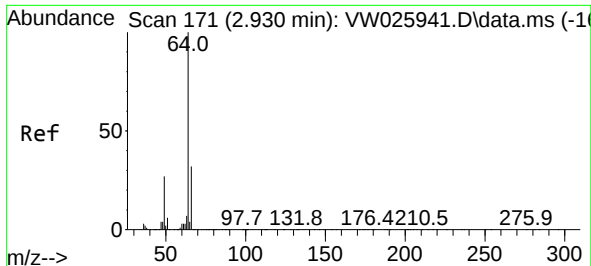
Tgt Ion: 62 Resp: 240963
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 25.237 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025960.D
 Acq: 12 May 2023 09:39

Tgt Ion: 94 Resp: 132444
 Ion Ratio Lower Upper
 94 100
 96 94.7 63.1 117.1

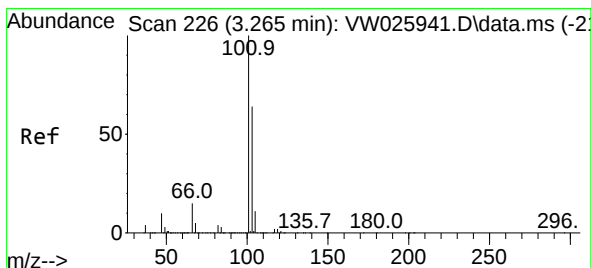
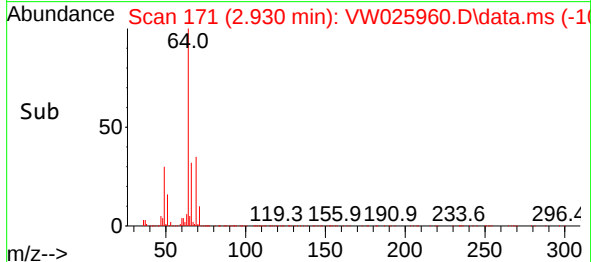
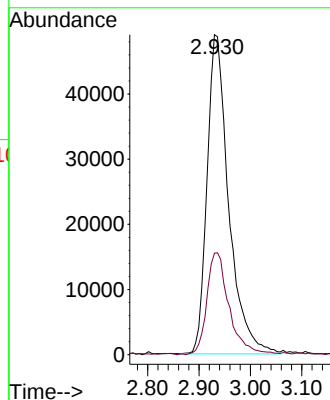
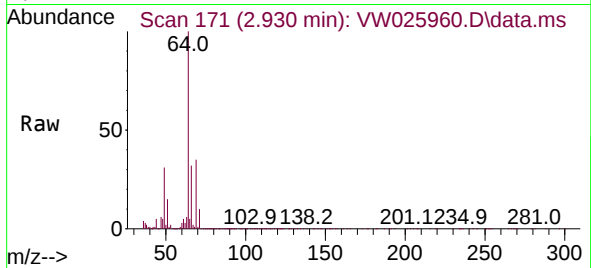




#8
Chloroethane
Concen: 26.146 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

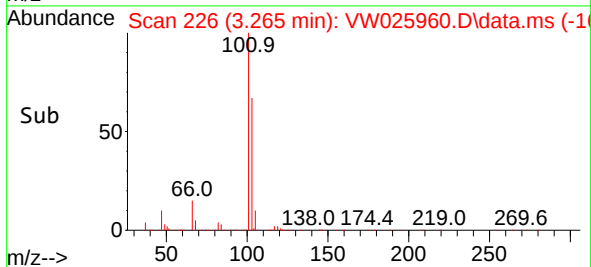
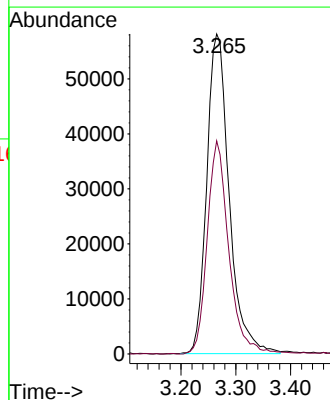
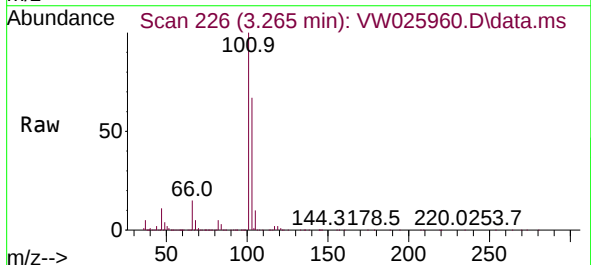
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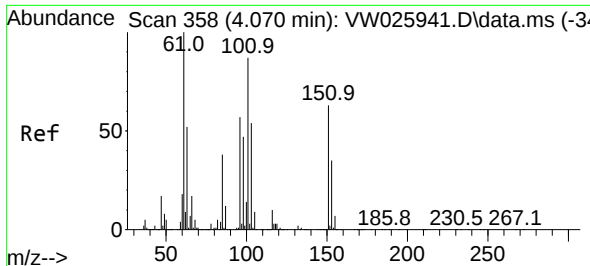
Tgt Ion: 64 Resp: 143455
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 22.592 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion: 101 Resp: 164511
Ion Ratio Lower Upper
101 100
103 63.6 50.6 76.0

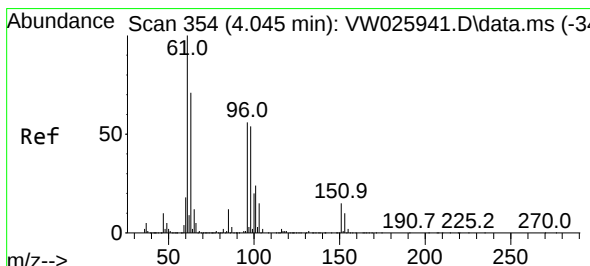
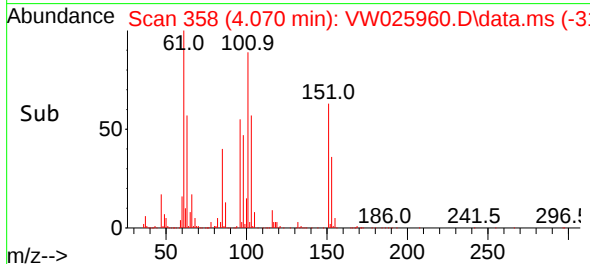
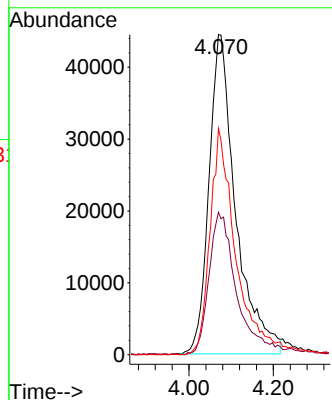
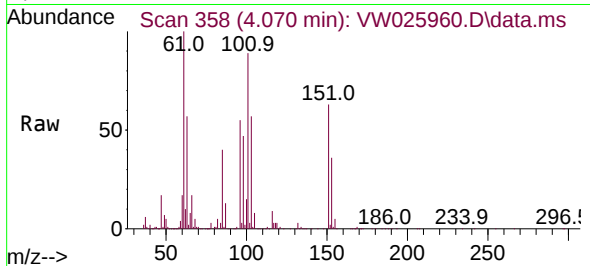




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.695 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW025960.D
 Acq: 12 May 2023 09:39

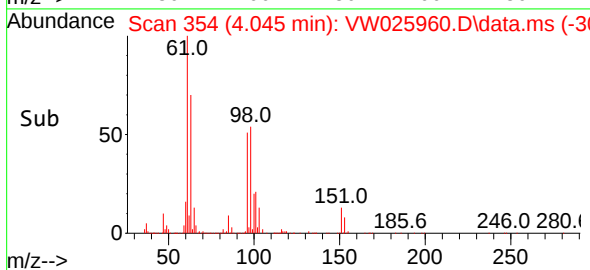
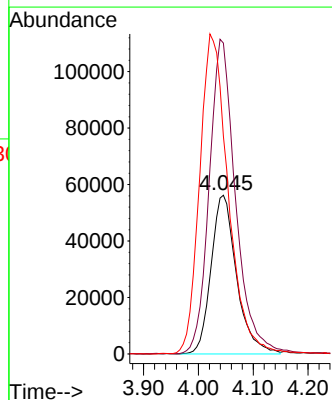
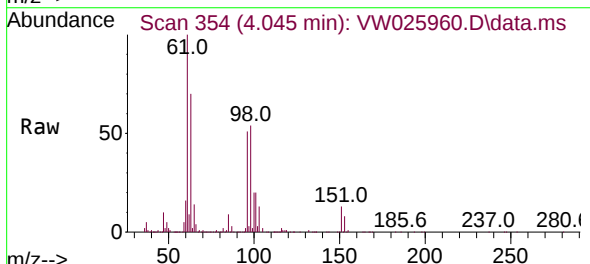
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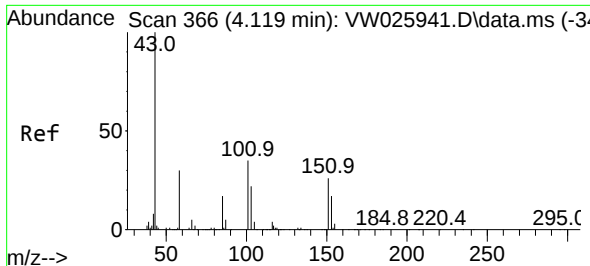
Tgt Ion:101 Resp: 195574
 Ion Ratio Lower Upper
 101 100
 85 45.0 33.9 50.9
 151 66.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.011 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025960.D
 Acq: 12 May 2023 09:39

Tgt Ion: 96 Resp: 181731
 Ion Ratio Lower Upper
 96 100
 61 195.8 135.0 250.8
 63 137.2 104.9 194.7

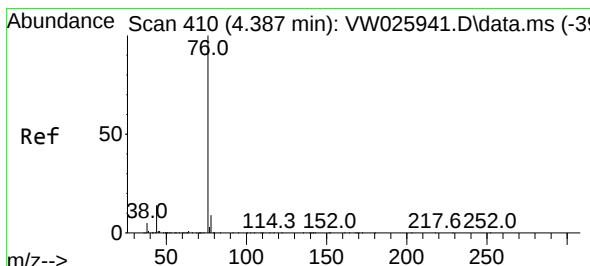
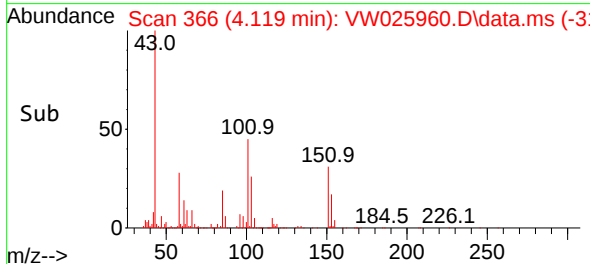
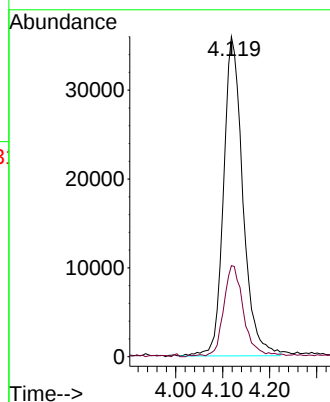
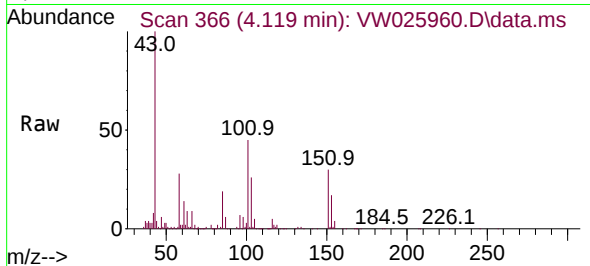




#13
Acetone
Concen: 43.698 ug/L
RT: 4.119 min Scan# 301
Delta R.T. -0.012 min
Lab File: VW025960.D
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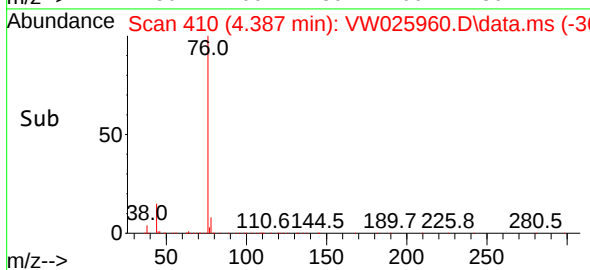
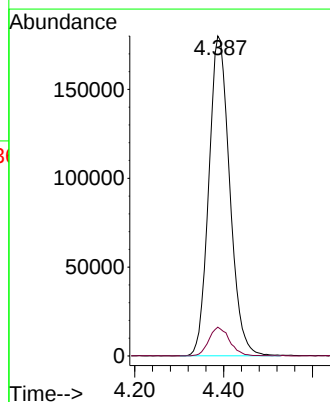
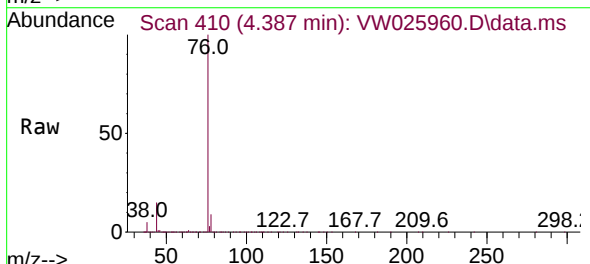
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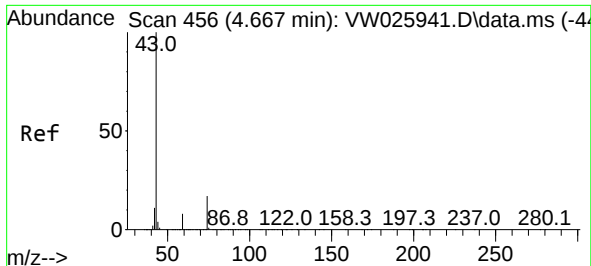
Tgt Ion: 43 Resp: 102725
Ion Ratio Lower Upper
43 100
58 28.0 0.0 58.2



#14
Carbon disulfide
Concen: 22.969 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion: 76 Resp: 587912
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

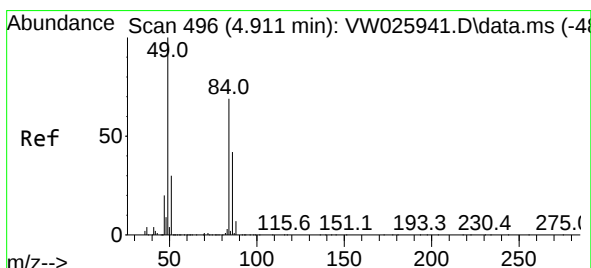
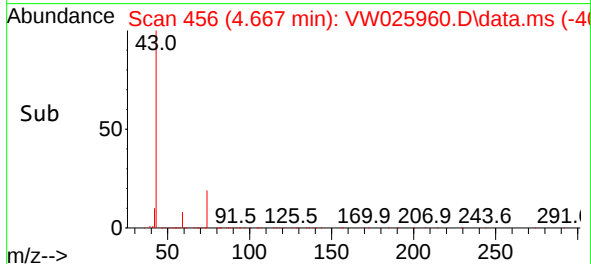
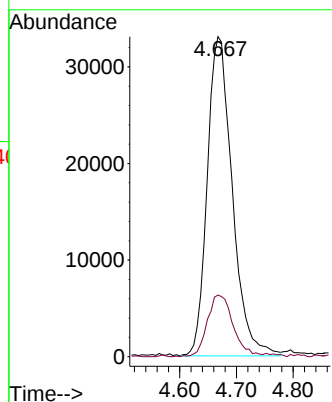
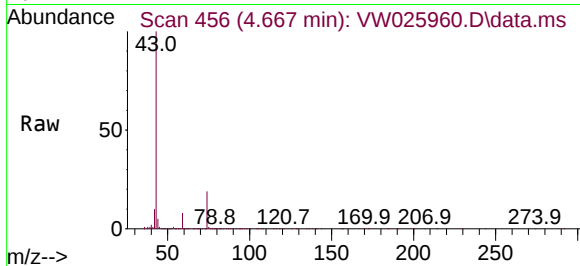




#15
Methyl Acetate
Concen: 21.876 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

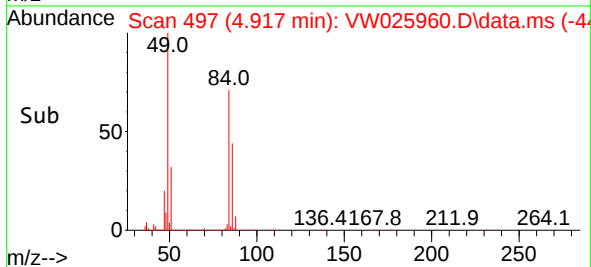
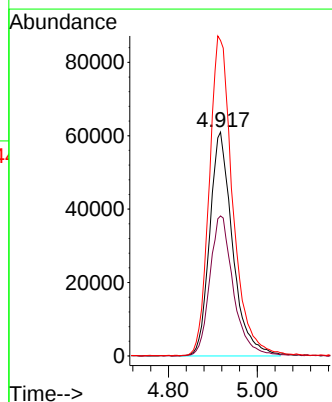
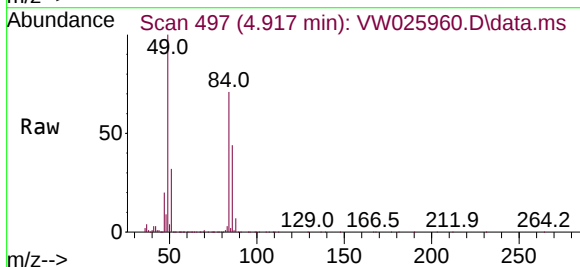
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

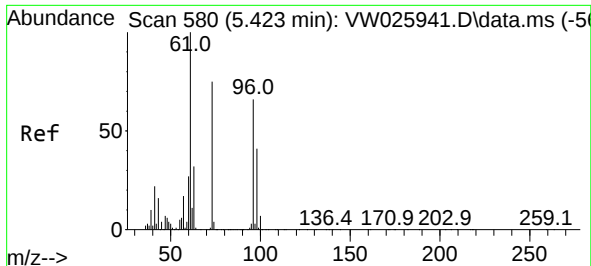
Tgt Ion: 43 Resp: 101339
Ion Ratio Lower Upper
43 100
74 19.2 16.5 24.7



#16
Methylene chloride
Concen: 18.729 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion: 84 Resp: 218590
Ion Ratio Lower Upper
84 100
86 62.5 41.7 77.5
49 140.9 95.3 177.1

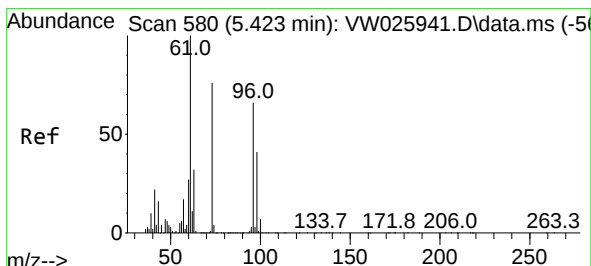
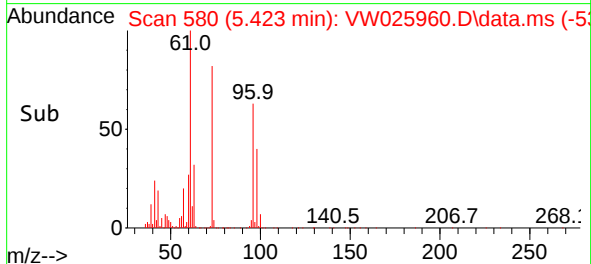
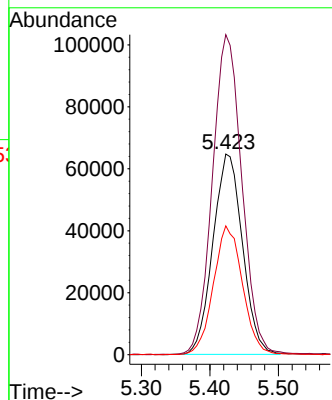
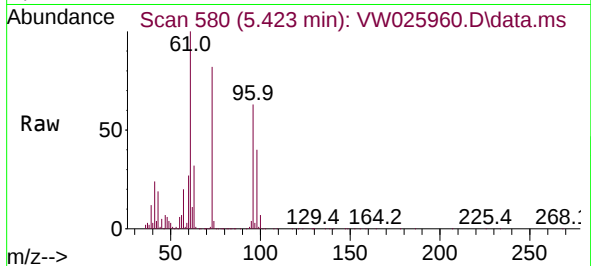




#17
trans-1,2-Dichloroethene
Concen: 23.423 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

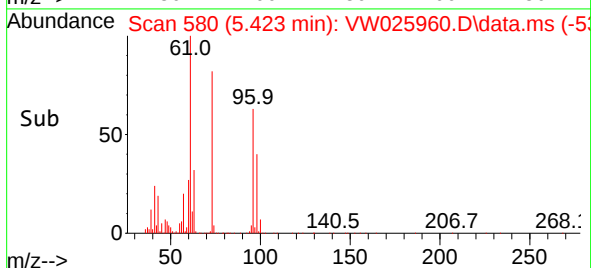
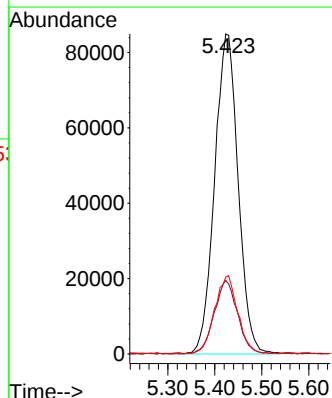
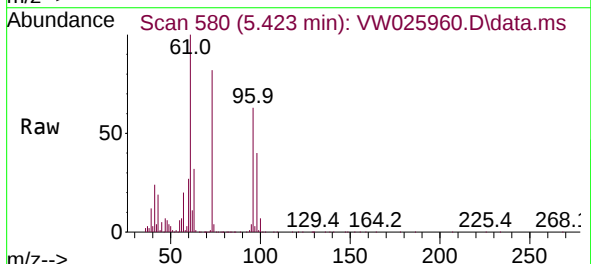
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

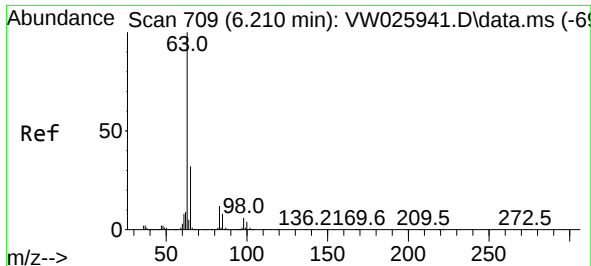
Tgt Ion: 96 Resp: 193401
Ion Ratio Lower Upper
96 100
61 159.5 108.1 200.9
98 64.2 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 23.565 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion: 73 Resp: 295310
Ion Ratio Lower Upper
73 100
43 22.4 18.2 27.4
57 24.2 19.2 28.8





#19

1,1-Dichloroethane

Concen: 24.433 ug/L

RT: 6.216 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

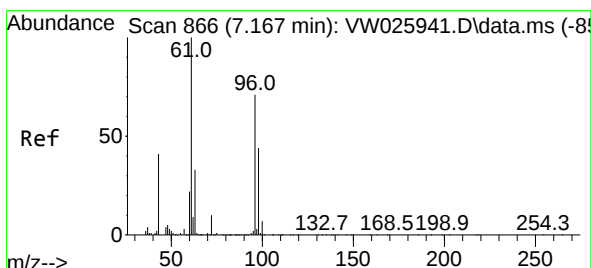
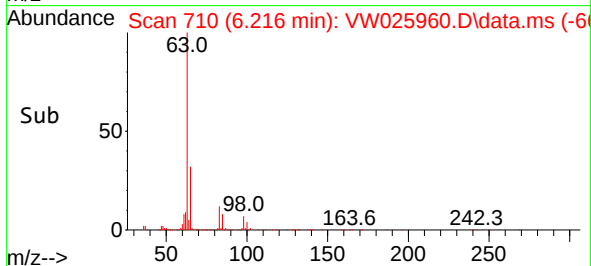
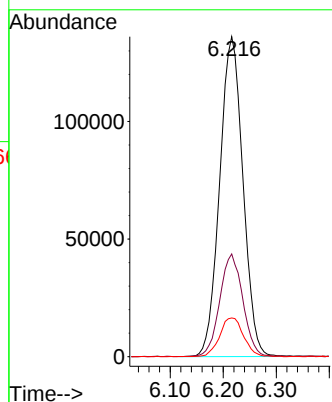
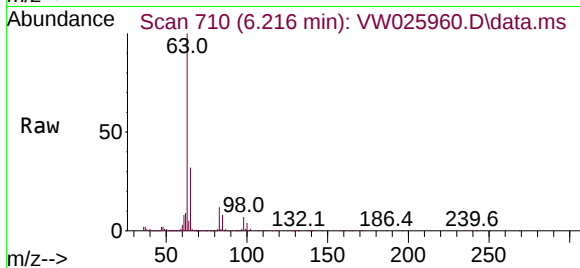
Tgt Ion: 63 Resp: 414483

Ion Ratio Lower Upper

63 100

65 32.1 22.4 41.6

83 12.1 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 23.650 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

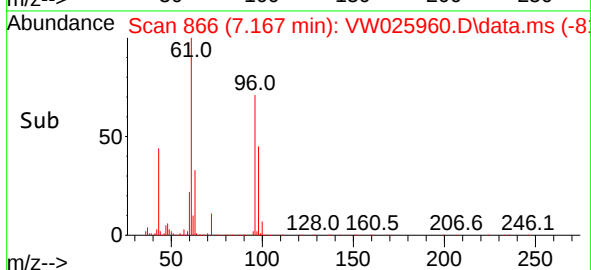
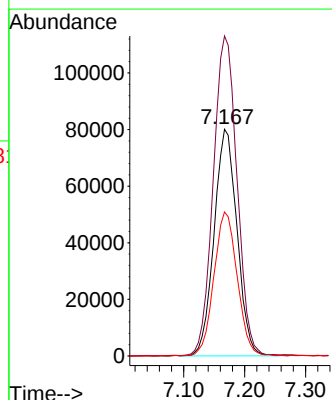
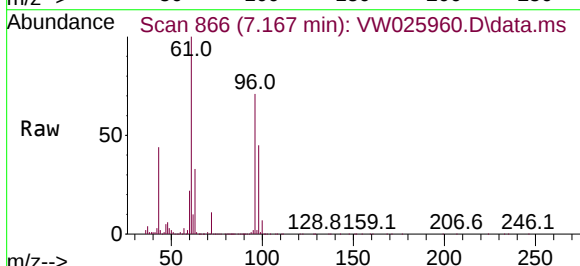
Tgt Ion: 96 Resp: 209499

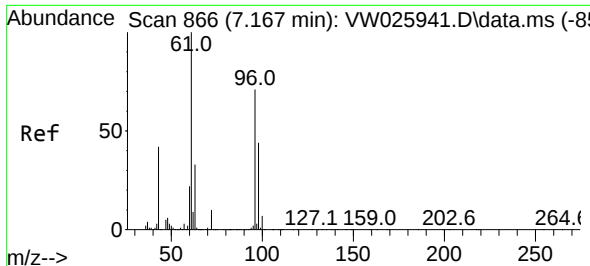
Ion Ratio Lower Upper

96 100

61 141.2 98.6 183.0

98 63.5 45.2 84.0

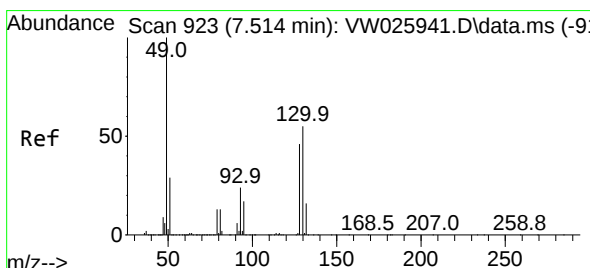
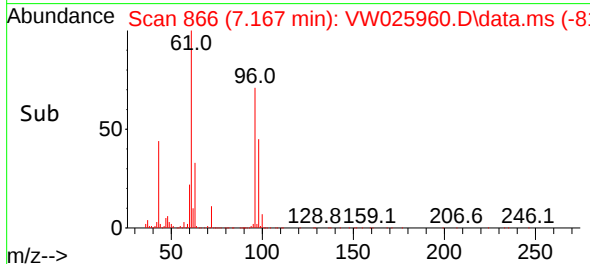
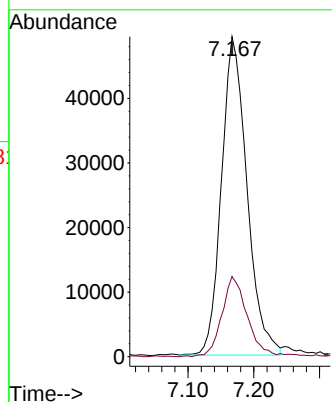
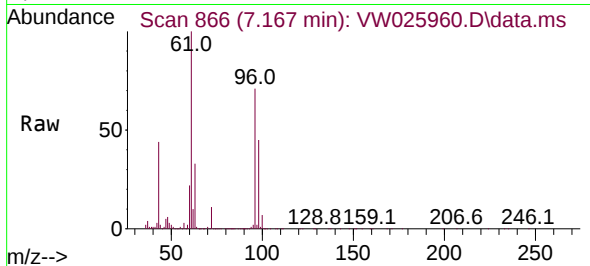




#22
2-Butanone
Concen: 41.020 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

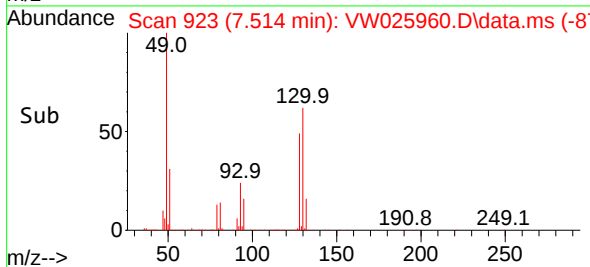
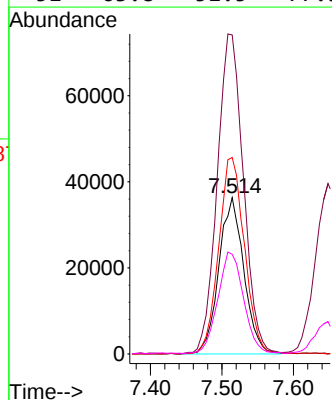
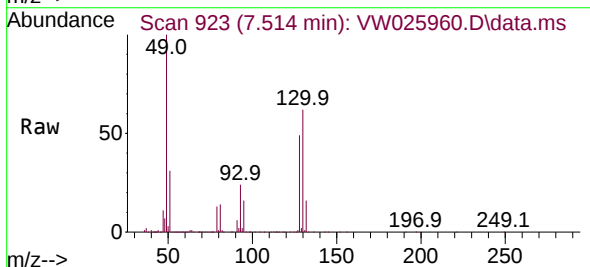
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

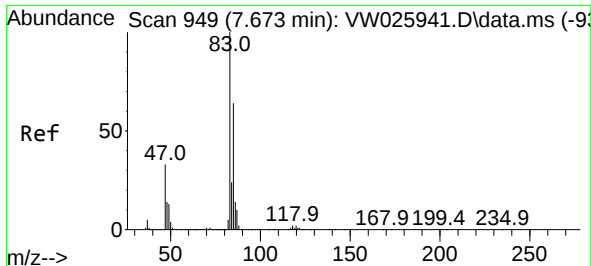
Tgt Ion: 43 Resp: 133151
Ion Ratio Lower Upper
43 100
72 23.2 11.8 35.4



#23
Bromochloromethane
Concen: 23.509 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion: 128 Resp: 88223
Ion Ratio Lower Upper
128 100
49 204.1 151.5 281.5
130 125.7 91.3 169.6
51 63.8 51.5 77.3

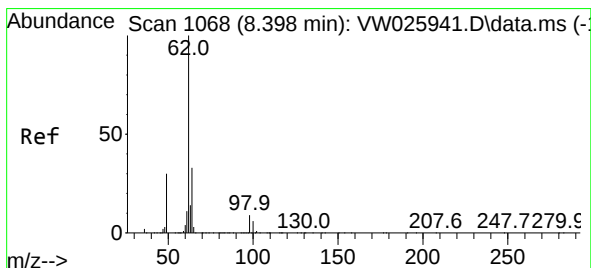
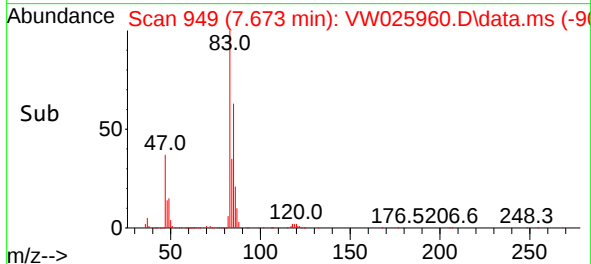
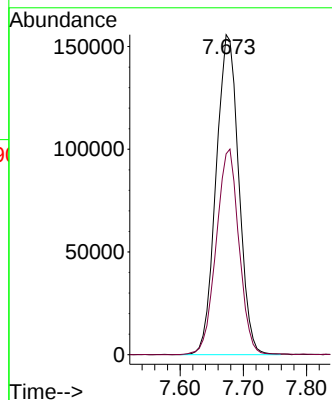
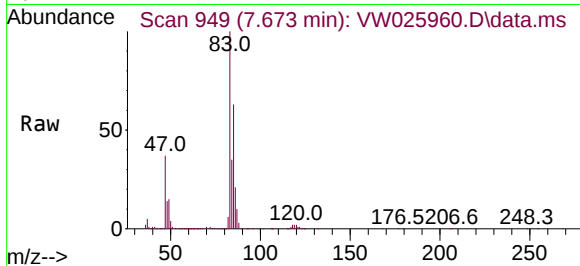




#25
Chloroform
Concen: 24.869 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

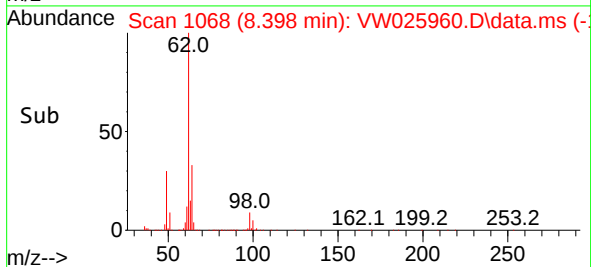
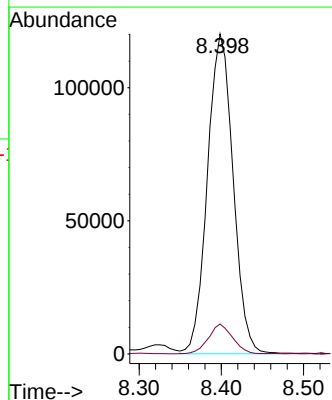
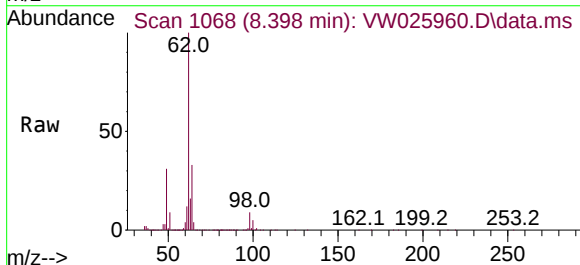
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

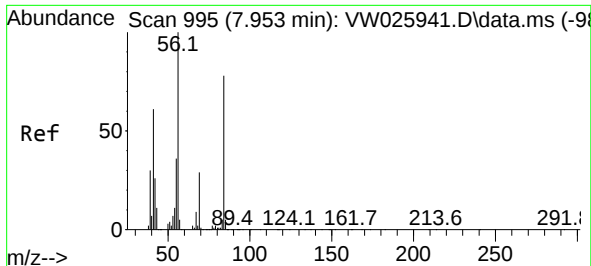
Tgt Ion: 83 Resp: 387745
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.9



#27
1,2-Dichloroethane
Concen: 23.532 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion: 62 Resp: 260569
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8





#29

Cyclohexane

Concen: 23.808 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

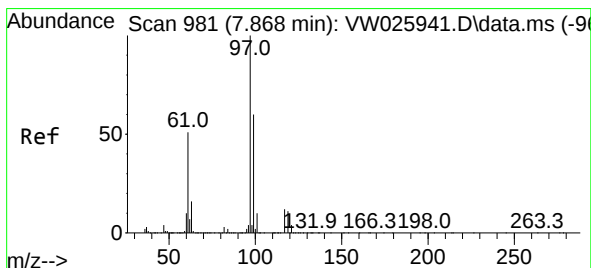
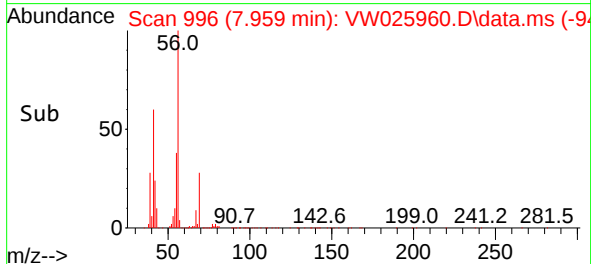
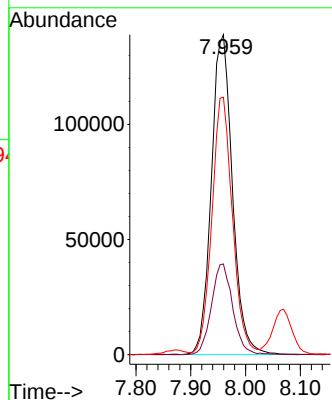
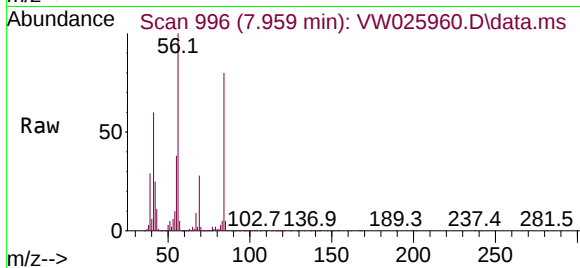
Tgt Ion: 56 Resp: 370661

Ion Ratio Lower Upper

56 100

69 28.4 23.4 35.0

84 78.8 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 24.566 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

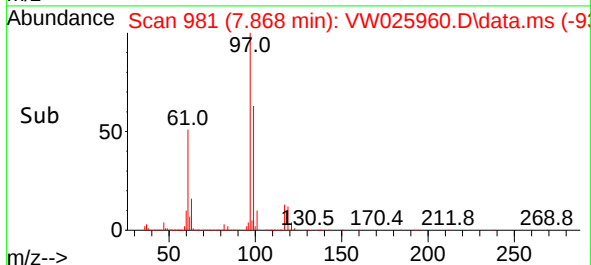
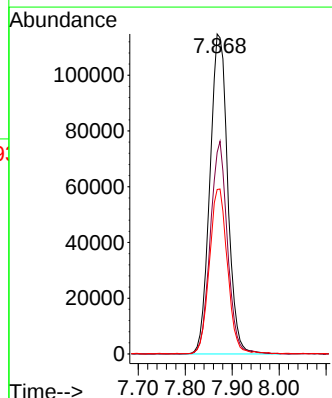
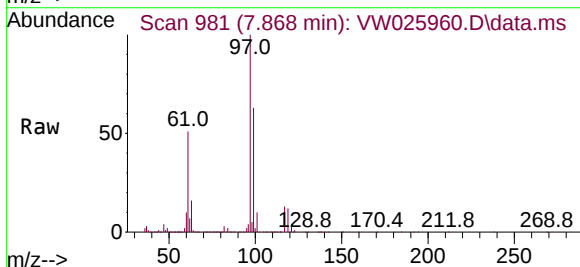
Tgt Ion: 97 Resp: 301826

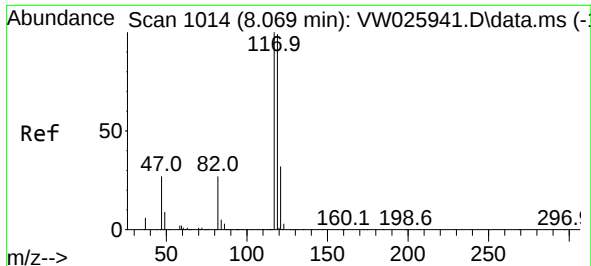
Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 51.7 40.4 60.6

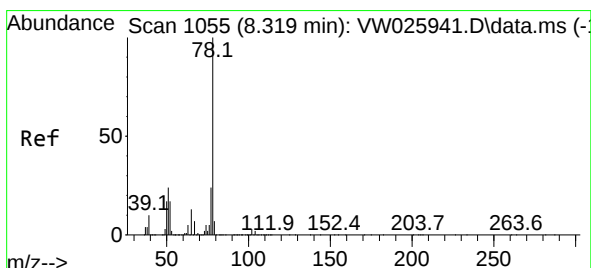
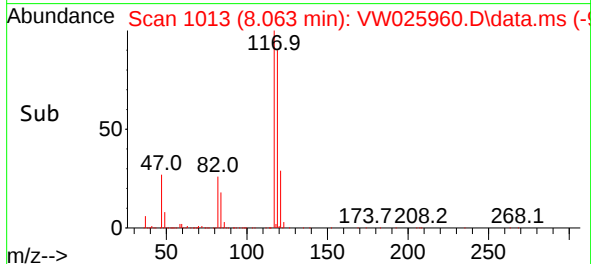
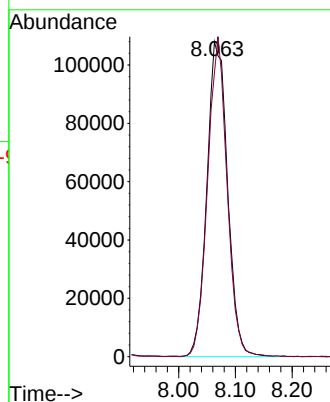
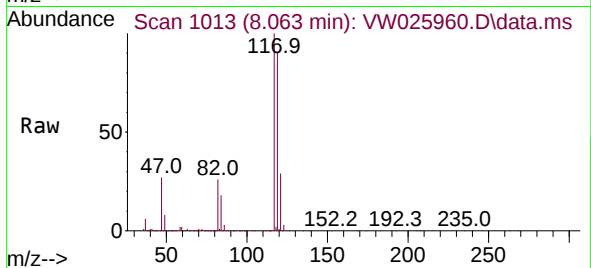




#31
Carbon tetrachloride
Concen: 24.830 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

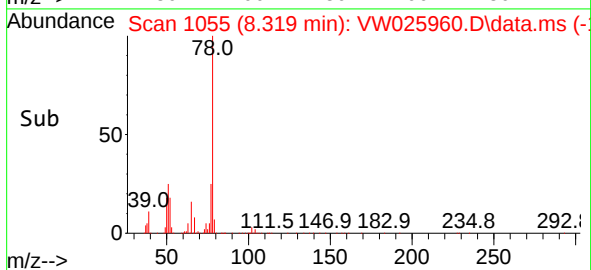
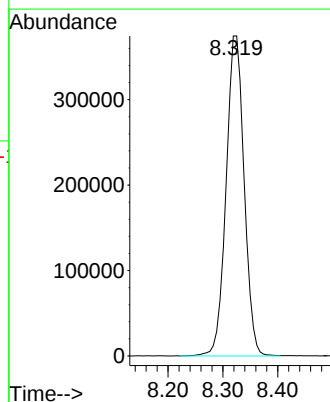
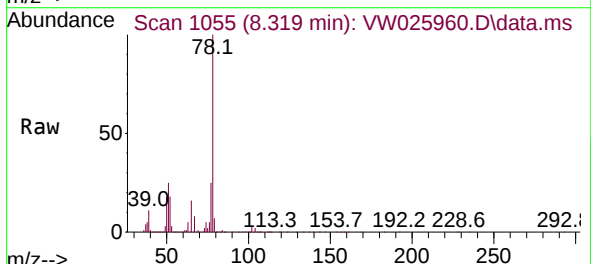
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

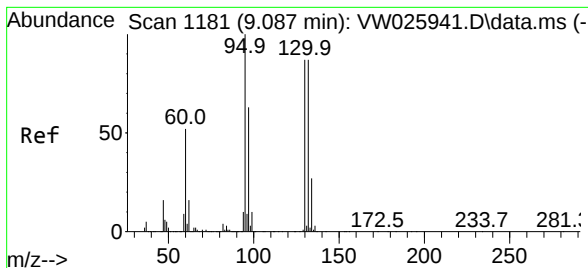
Tgt Ion:117 Resp: 274548
Ion Ratio Lower Upper
117 100
119 95.0 76.9 115.3



#33
Benzene
Concen: 24.644 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion: 78 Resp: 856569





#34

Trichloroethene

Concen: 24.357 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

Tgt Ion: 95 Resp: 217244

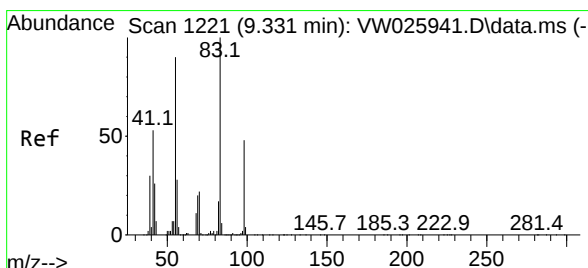
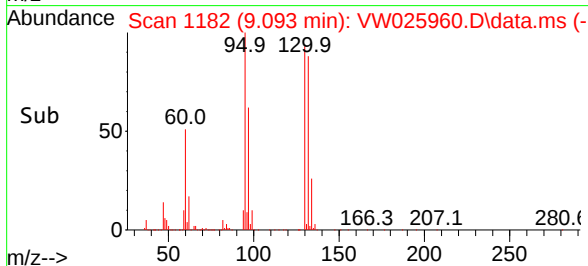
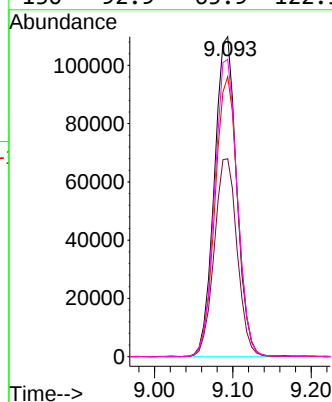
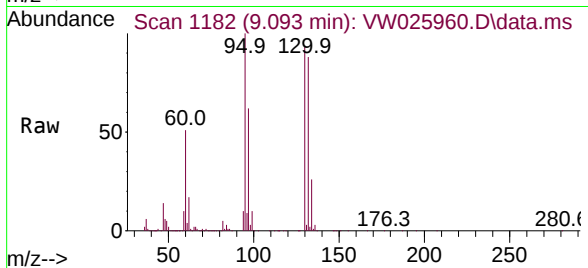
Ion Ratio Lower Upper

95 100

97 61.8 45.9 85.3

132 87.5 66.0 122.6

130 92.9 65.9 122.3



#35

Methylcyclohexane

Concen: 23.847 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

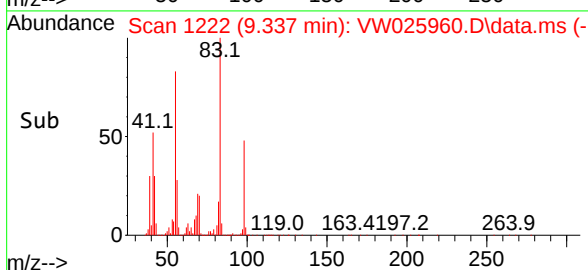
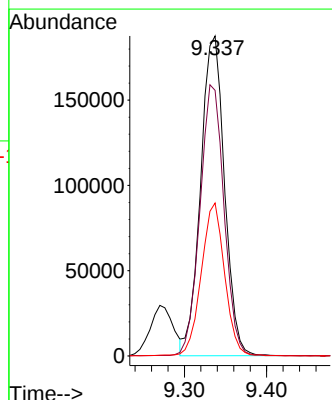
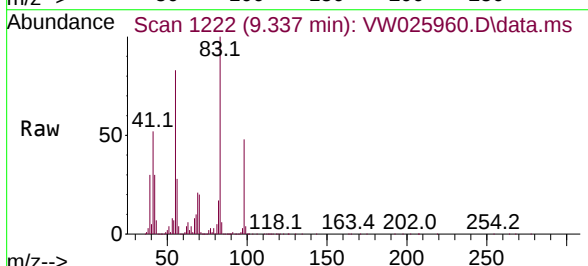
Tgt Ion: 83 Resp: 378287

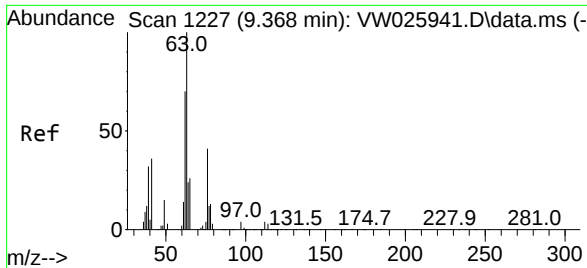
Ion Ratio Lower Upper

83 100

55 85.5 69.0 103.4

98 46.6 37.1 55.7

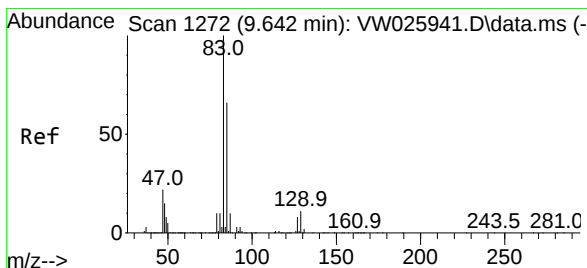
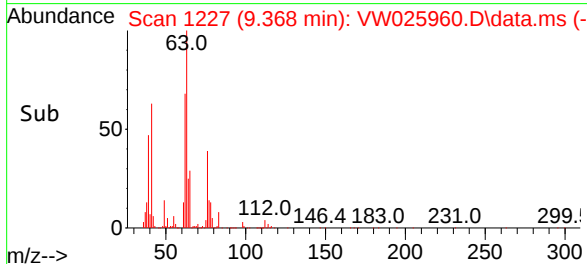
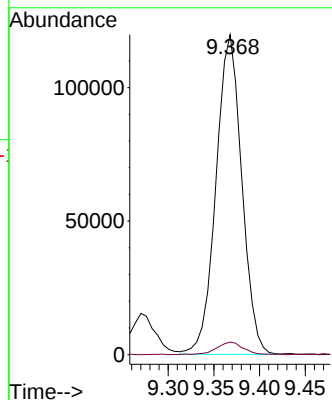
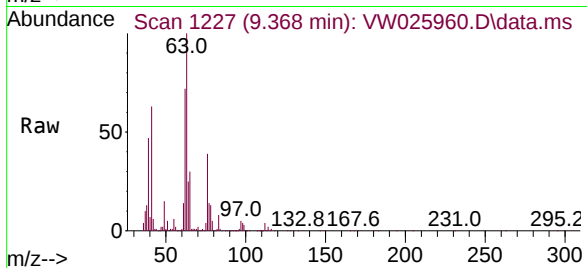




#37
 1,2-Dichloropropane
 Concen: 24.675 ug/L
 RT: 9.368 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025960.D
 Acq: 12 May 2023 09:39

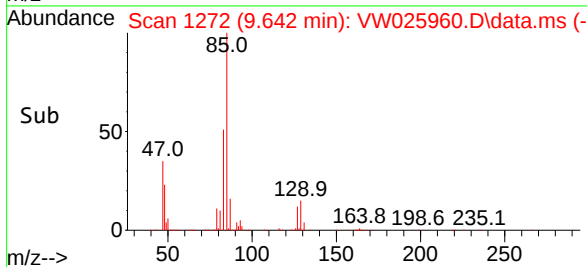
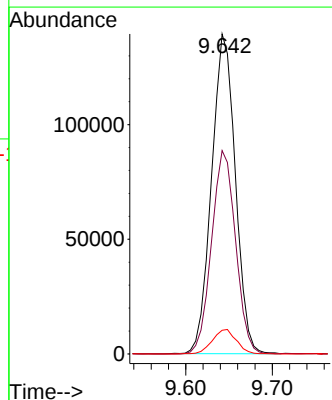
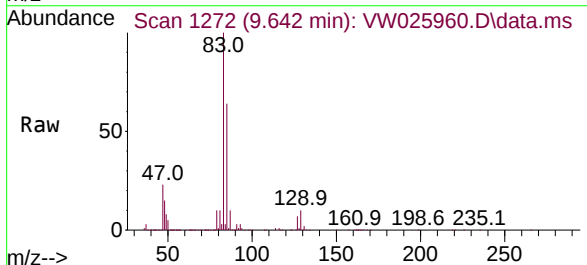
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

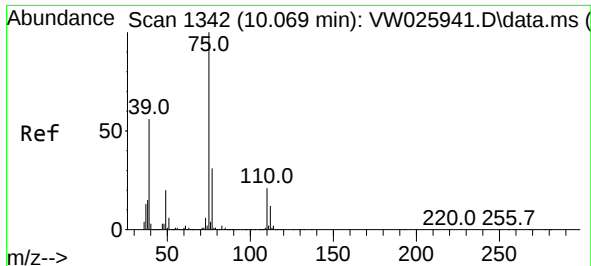
Tgt Ion: 63 Resp: 234976
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.3 4.9



#38
 Bromodichloromethane
 Concen: 24.330 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. -0.006 min
 Lab File: VW025960.D
 Acq: 12 May 2023 09:39

Tgt Ion: 83 Resp: 265811
 Ion Ratio Lower Upper
 83 100
 85 63.5 44.4 82.5
 127 7.4 6.5 9.7

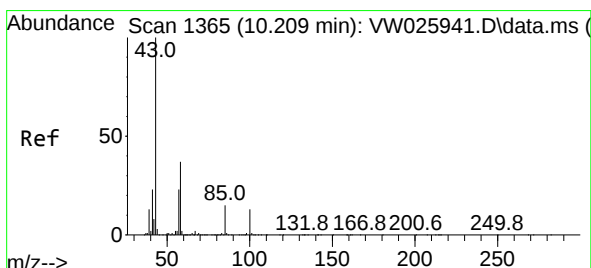
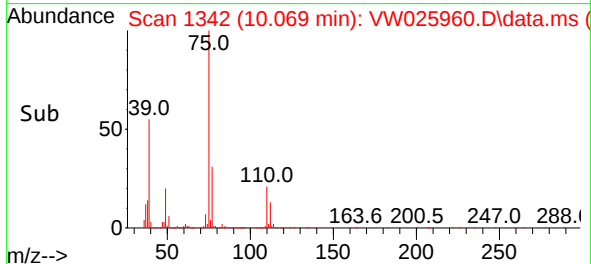
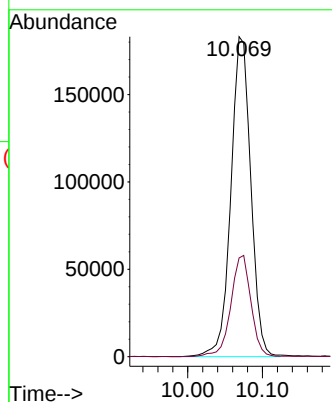
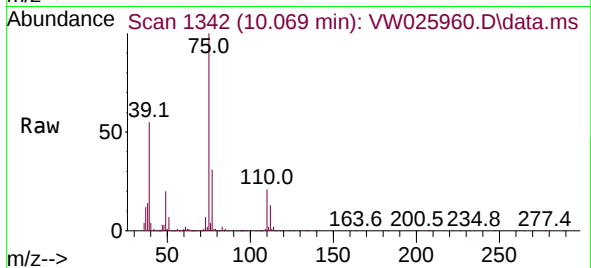




#39
 cis-1,3-Dichloropropene
 Concen: 24.303 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW025960.D
 Acq: 12 May 2023 09:39

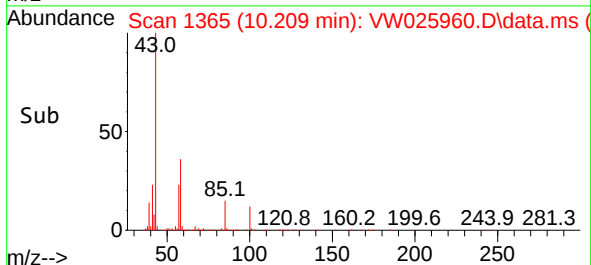
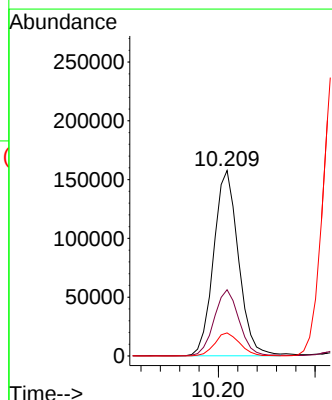
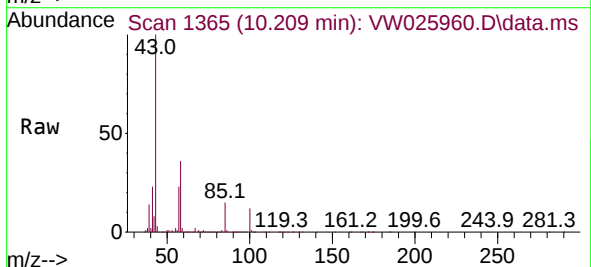
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

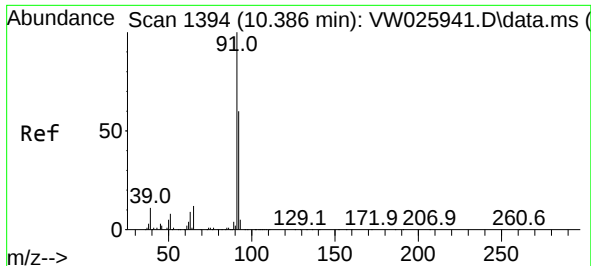
Tgt Ion: 75 Resp: 339393
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 45.261 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW025960.D
 Acq: 12 May 2023 09:39

Tgt Ion: 43 Resp: 280547
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.4 44.0
 100 12.7 10.1 15.1





#42

Toluene

Concen: 25.209 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

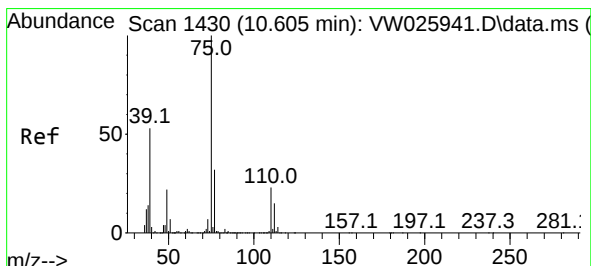
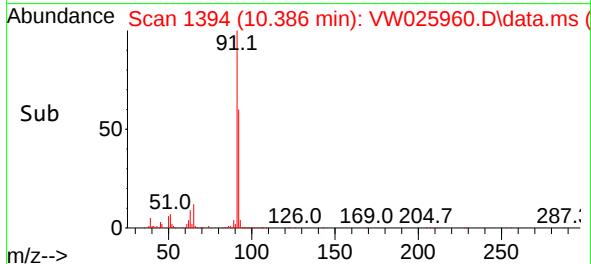
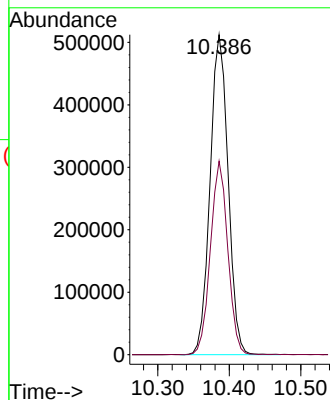
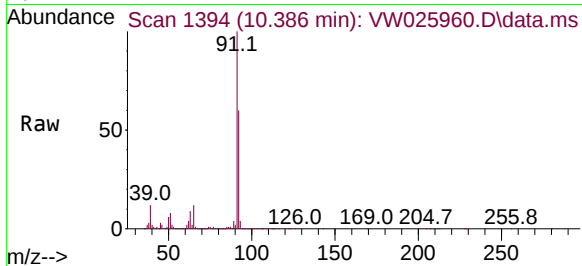
VSTD025487

Tgt Ion: 91 Resp: 895305

Ion Ratio Lower Upper

91 100

92 60.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 24.135 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW025960.D

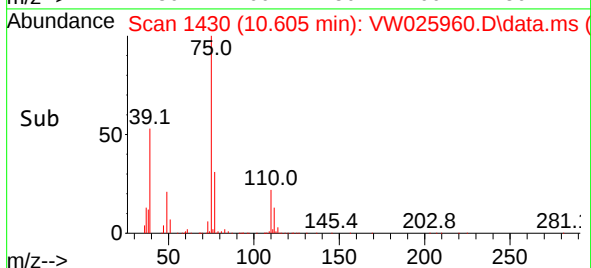
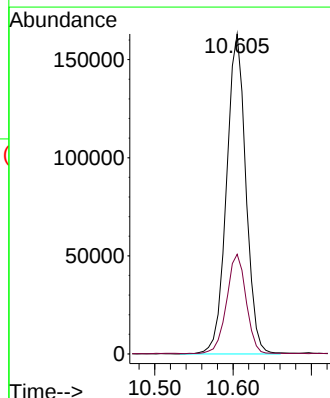
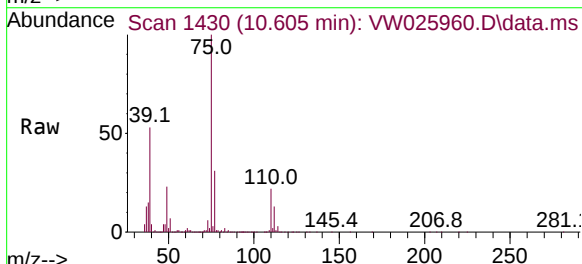
Acq: 12 May 2023 09:39

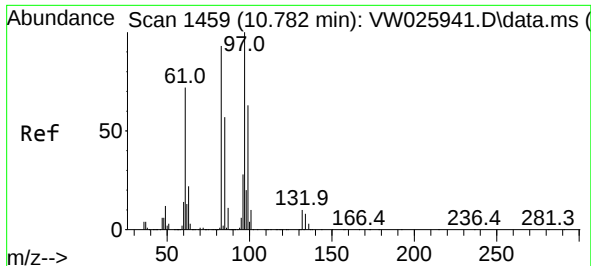
Tgt Ion: 75 Resp: 279276

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4



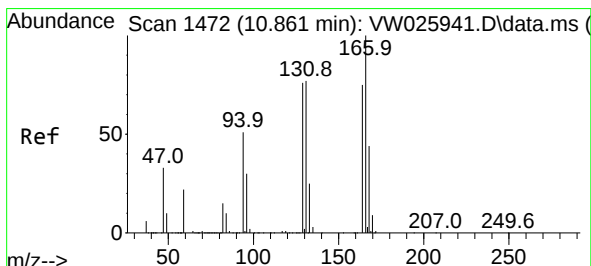
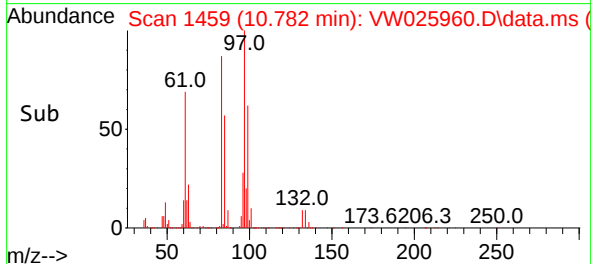
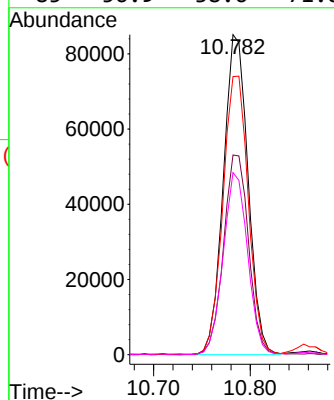
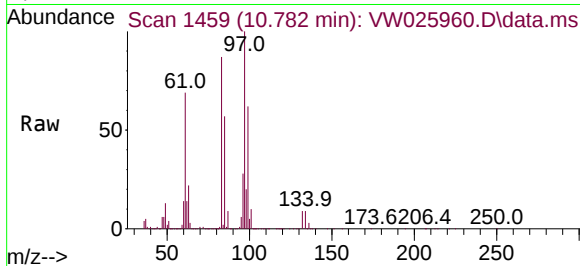


#45
1,1,2-Trichloroethane
Concen: 23.714 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

Tgt Ion: 97 Resp: 151061

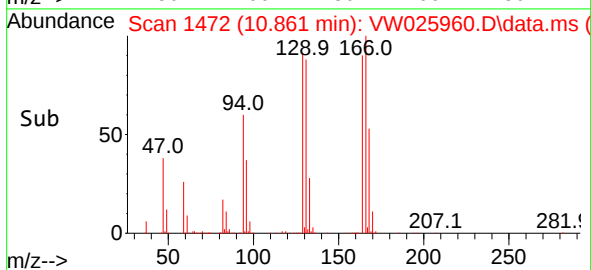
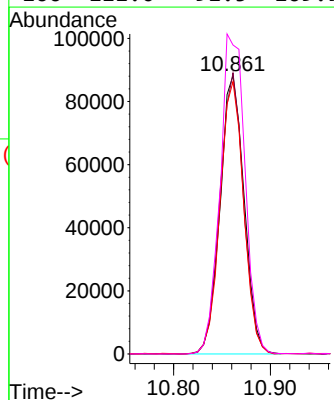
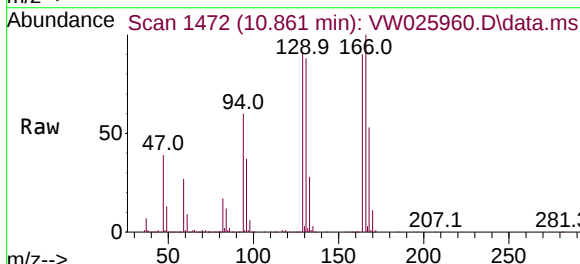
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.5	82.7
83	86.9	63.0	117.0
85	56.9	38.6	71.8

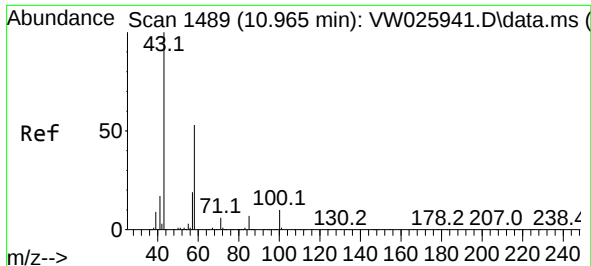


#46
Tetrachloroethene
Concen: 24.224 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion: 164 Resp: 151997

Ion	Ratio	Lower	Upper
164	100		
129	100.9	74.3	138.1
131	97.8	71.3	132.3
166	111.0	91.5	169.9

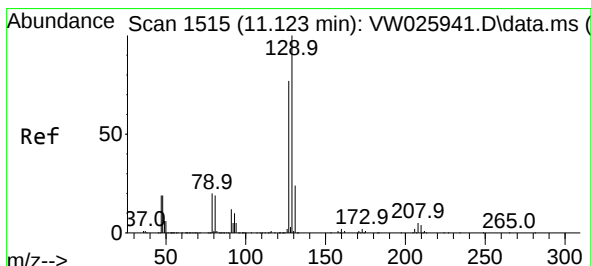
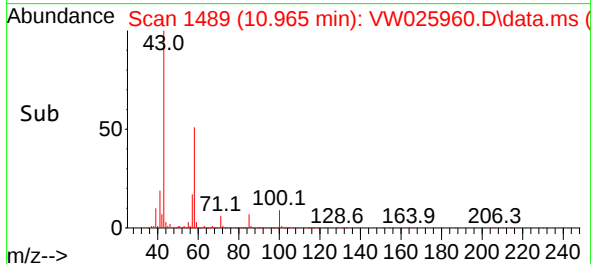
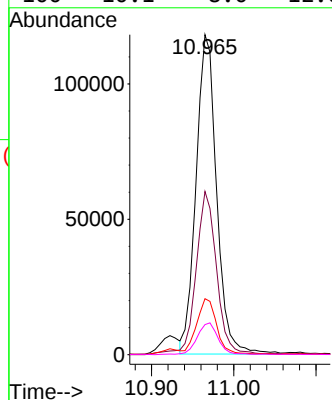
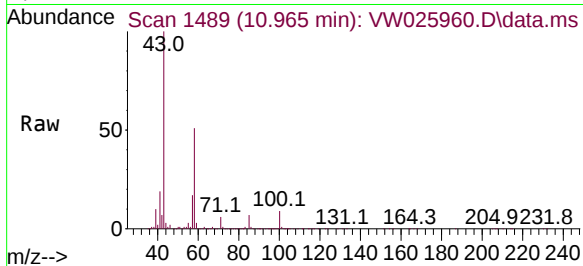




#48
2-Hexanone
Concen: 46.238 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

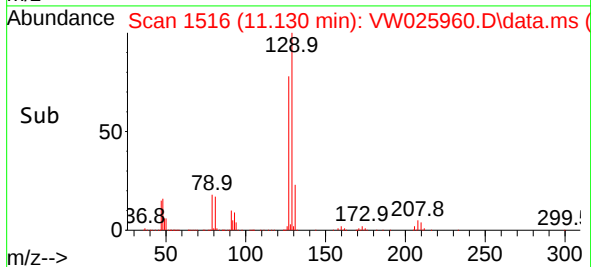
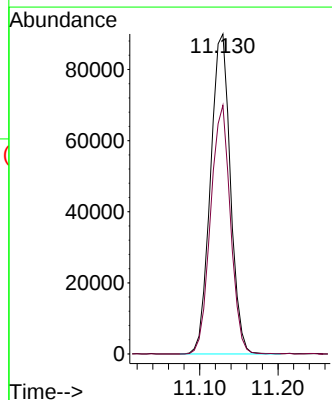
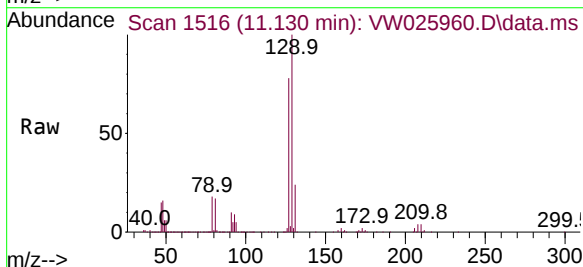
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

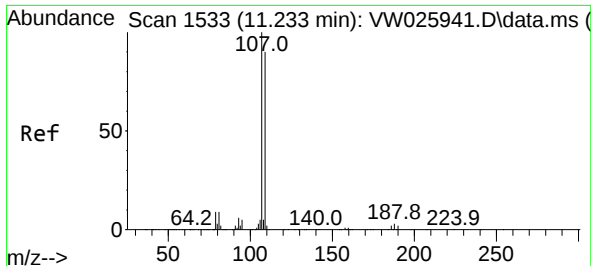
Tgt Ion: 43 Resp: 205320
Ion Ratio Lower Upper
43 100
58 49.0 40.8 61.2
57 16.6 13.6 20.4
100 10.1 8.0 12.0



#49
Dibromochloromethane
Concen: 24.109 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion: 129 Resp: 158995
Ion Ratio Lower Upper
129 100
127 77.7 56.1 104.3





#50

1,2-Dibromoethane

Concen: 23.082 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

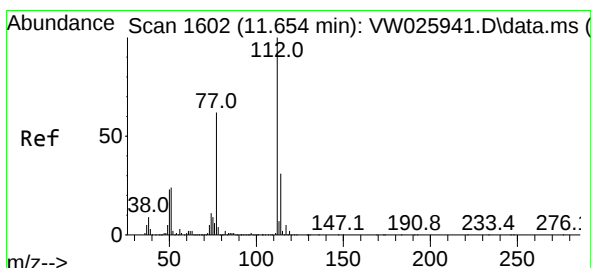
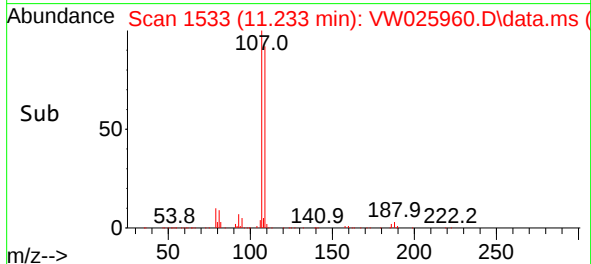
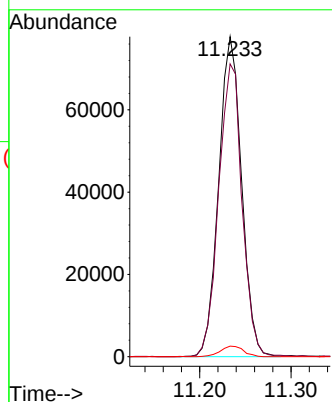
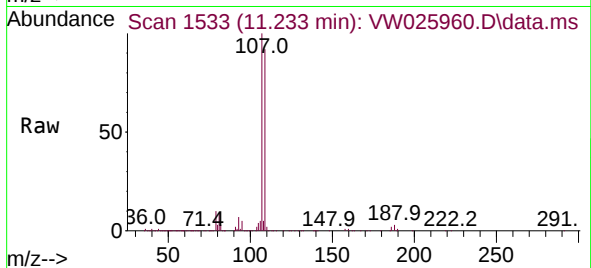
Tgt Ion:107 Resp: 135550

Ion Ratio Lower Upper

107 100

109 91.5 67.5 125.4

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 24.790 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

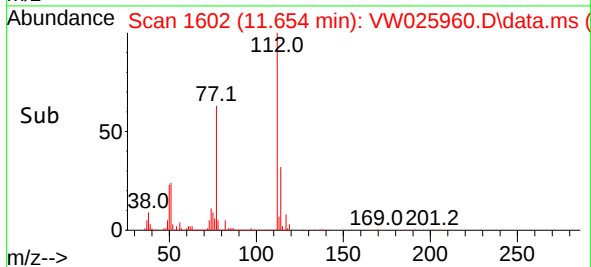
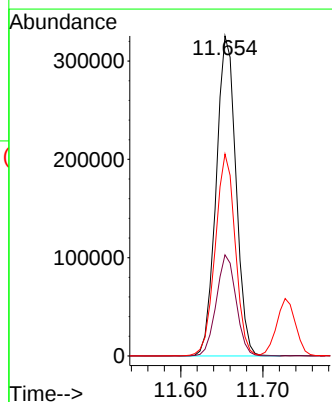
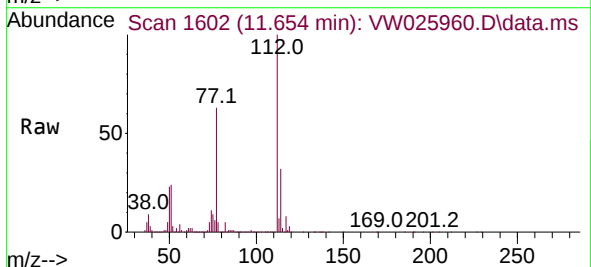
Tgt Ion:112 Resp: 545417

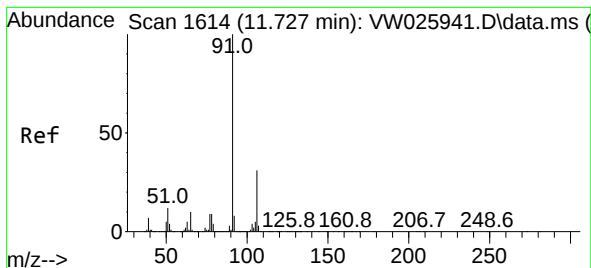
Ion Ratio Lower Upper

112 100

114 31.6 22.7 42.3

77 63.1 53.0 79.6

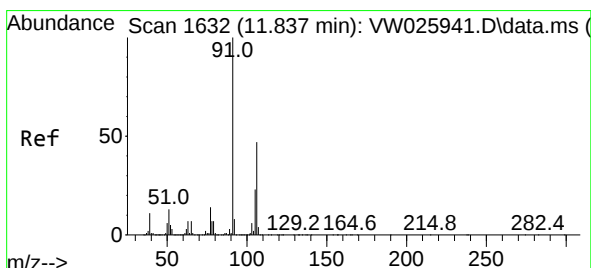
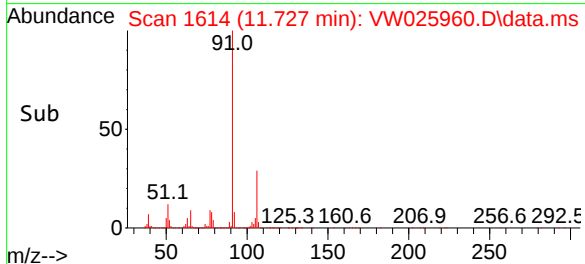
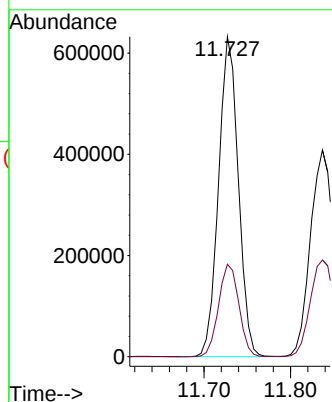
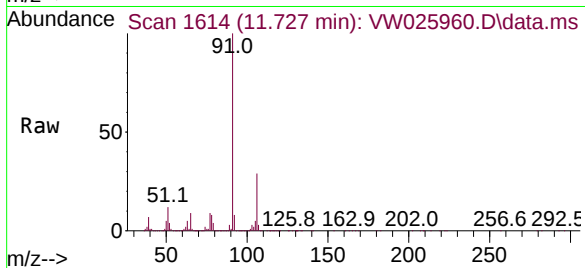




#52
Ethylbenzene
Concen: 25.081 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

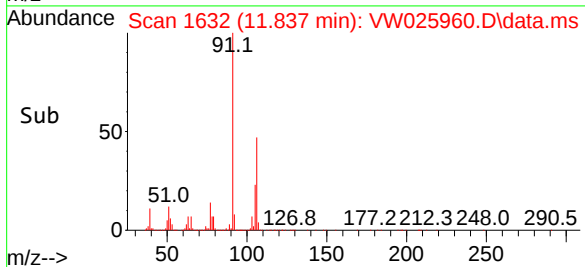
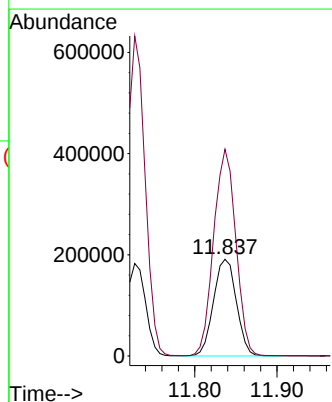
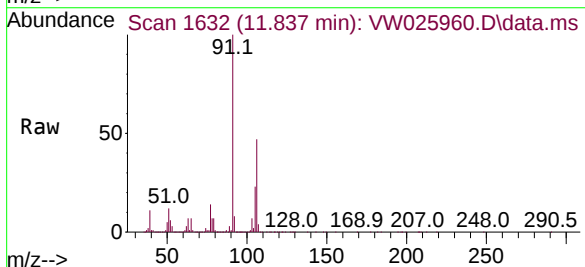
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

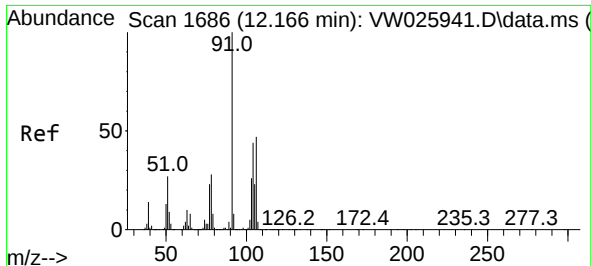
Tgt Ion: 91 Resp: 1001973
Ion Ratio Lower Upper
91 100
106 28.9 20.8 38.6



#53
m,p-Xylene
Concen: 25.097 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion:106 Resp: 369008
Ion Ratio Lower Upper
106 100
91 213.8 150.1 278.9

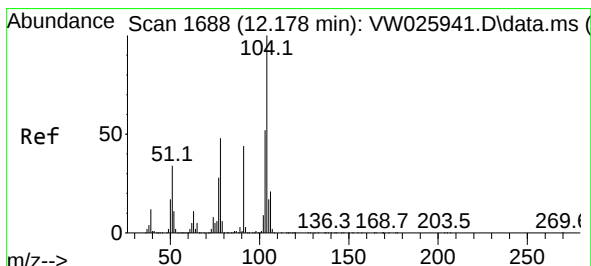
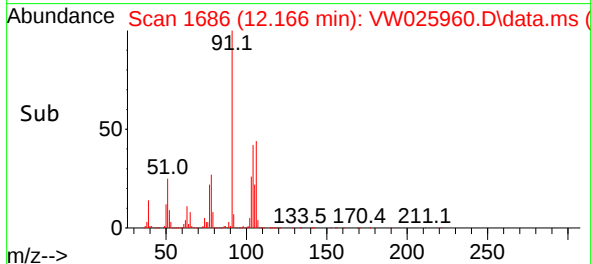
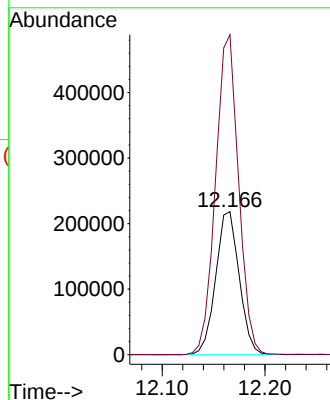
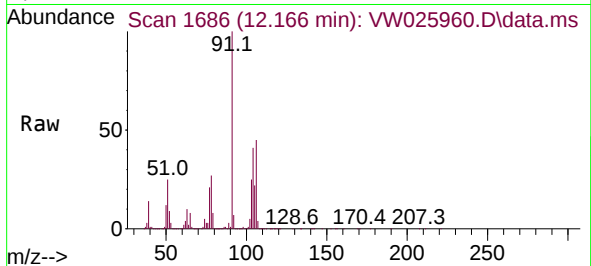




#54
o-Xylene
Concen: 24.987 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

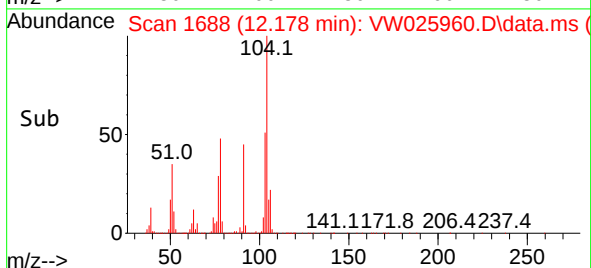
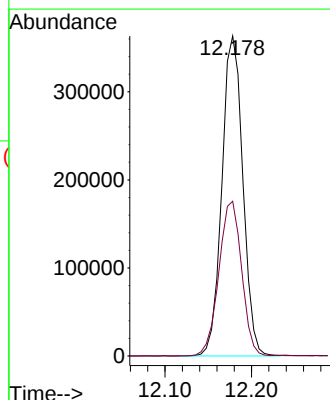
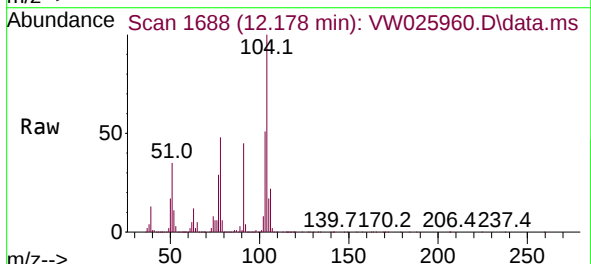
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

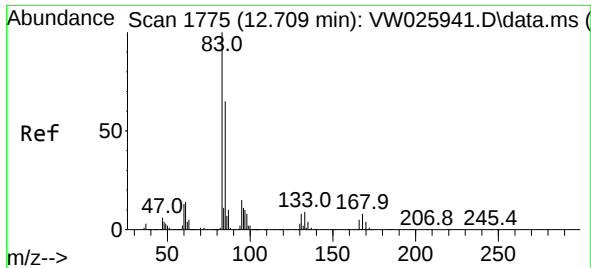
Tgt Ion:106 Resp: 346289
Ion Ratio Lower Upper
106 100
91 223.8 157.8 293.1



#55
Styrene
Concen: 25.731 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion:104 Resp: 610342
Ion Ratio Lower Upper
104 100
78 48.3 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.094 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

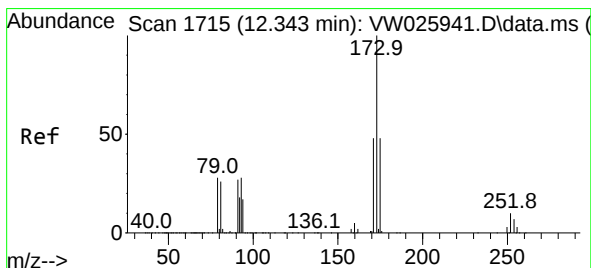
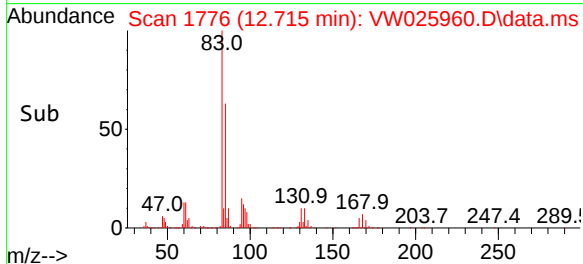
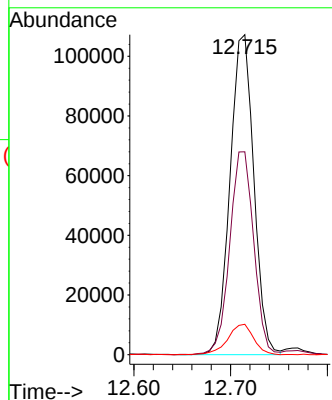
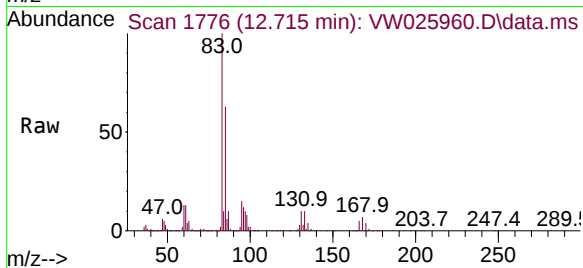
Tgt Ion: 83 Resp: 183559

Ion Ratio Lower Upper

83 100

85 63.4 45.6 84.8

131 9.5 8.1 12.1



#59

Bromoform

Concen: 21.878 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

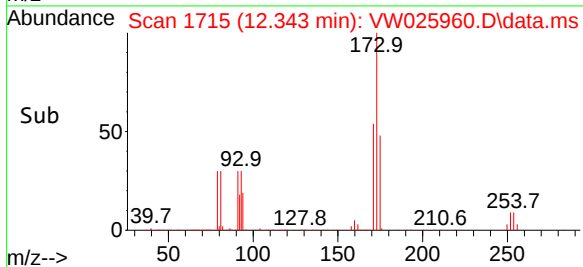
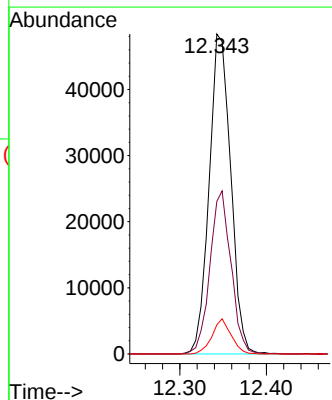
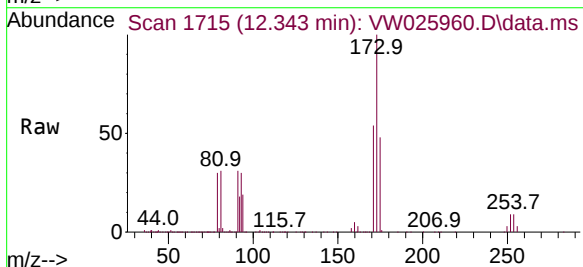
Tgt Ion:173 Resp: 83746

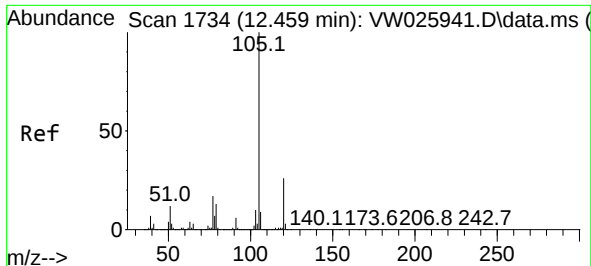
Ion Ratio Lower Upper

173 100

175 49.7 38.6 57.8

254 9.7 7.6 11.4

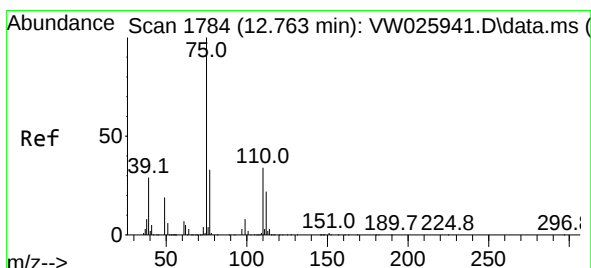
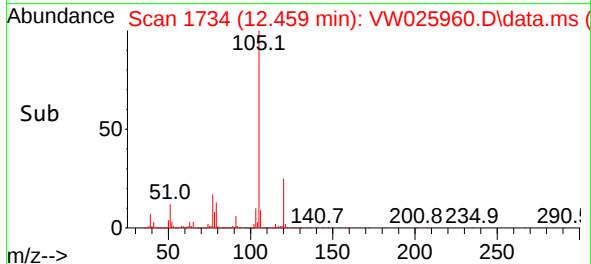
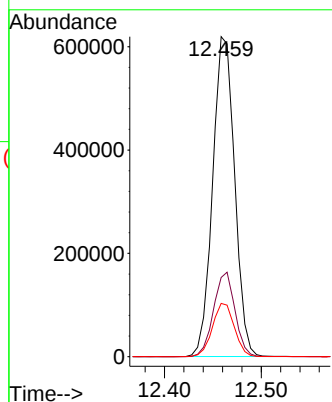
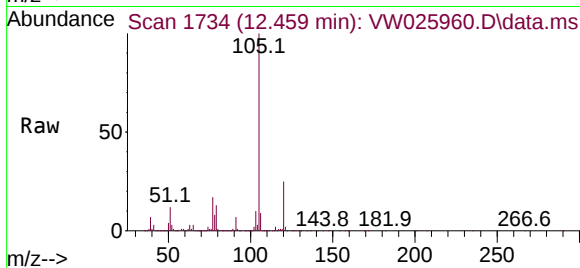




#60
Isopropylbenzene
Concen: 24.907 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

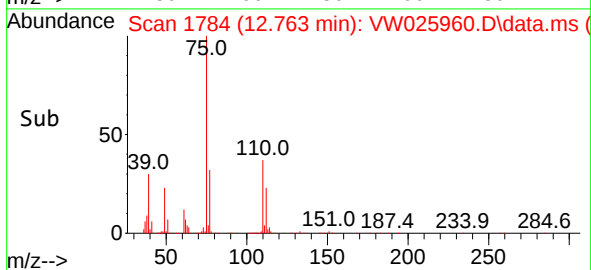
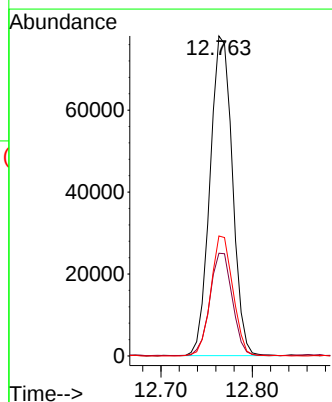
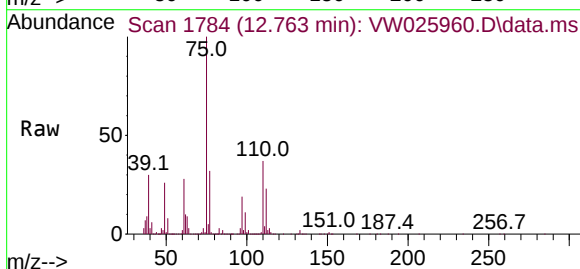
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

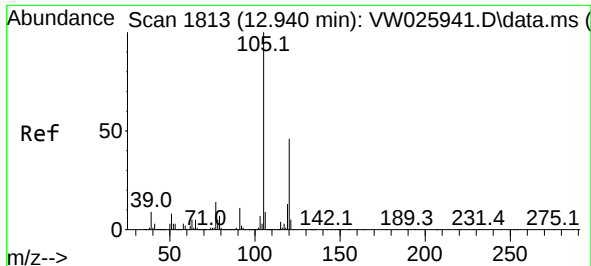
Tgt Ion:105 Resp: 978421
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 21.737 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion: 75 Resp: 132760
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 37.0 27.6 41.4

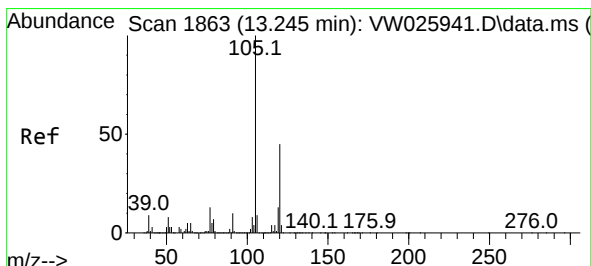
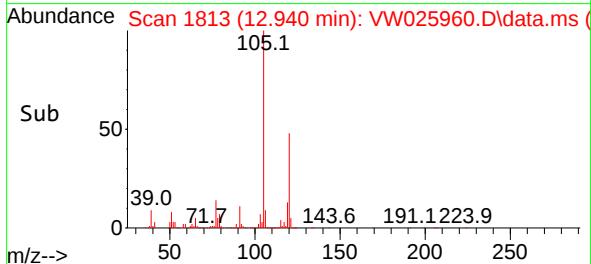
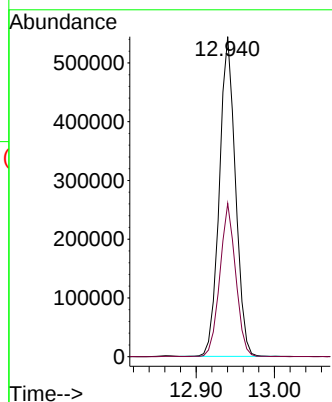
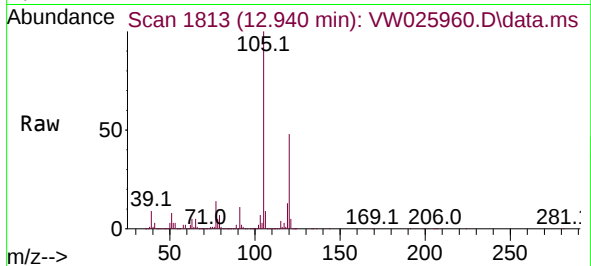




#62
1,3,5-Trimethylbenzene
Concen: 25.023 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

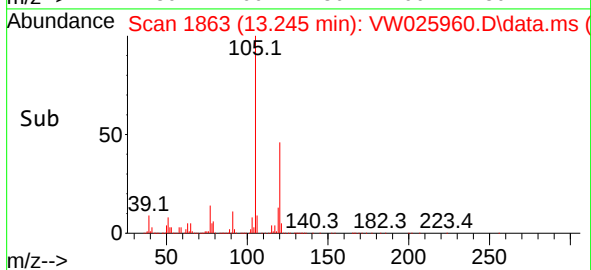
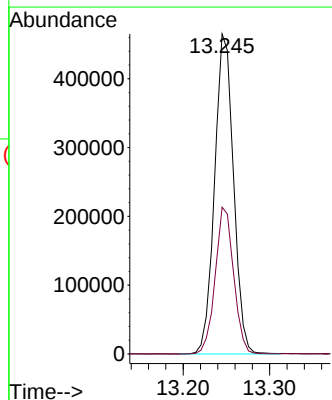
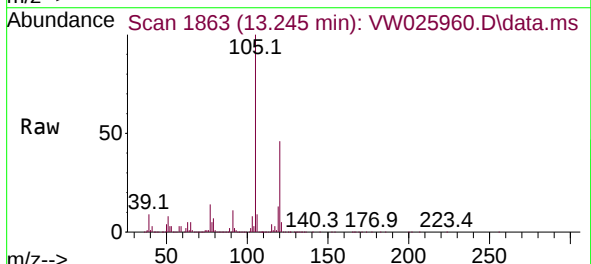
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

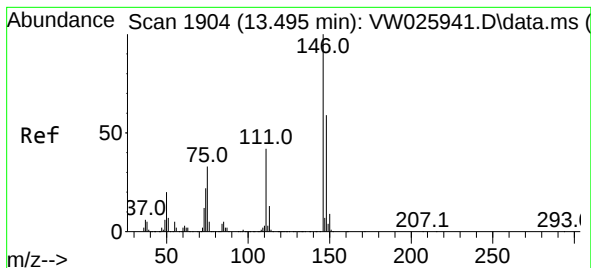
Tgt Ion:105 Resp: 778575
Ion Ratio Lower Upper
105 100
120 47.2 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 24.554 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025960.D
Acq: 12 May 2023 09:39

Tgt Ion:105 Resp: 704979
Ion Ratio Lower Upper
105 100
120 44.8 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 23.015 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

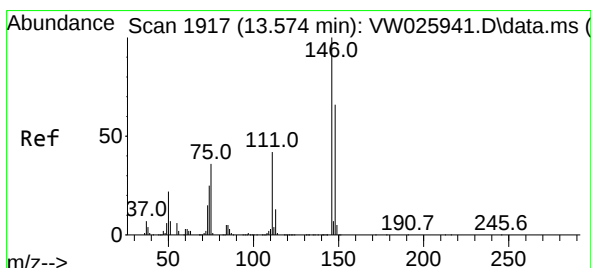
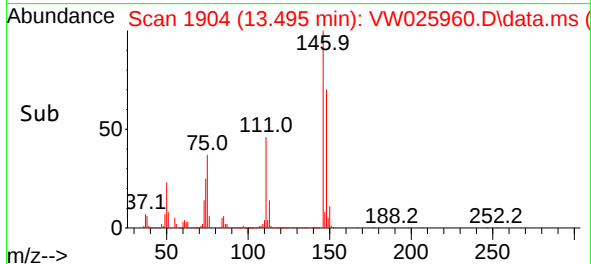
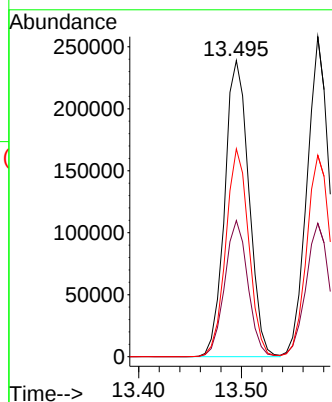
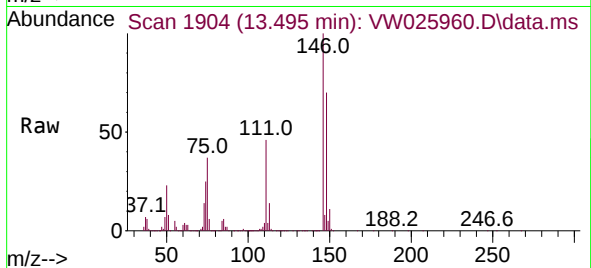
Tgt Ion:146 Resp: 389196

Ion Ratio Lower Upper

146 100

111 46.0 30.4 56.4

148 70.2 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 23.185 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

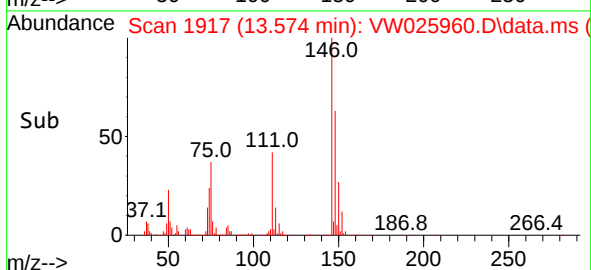
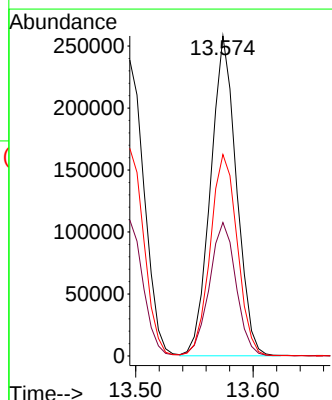
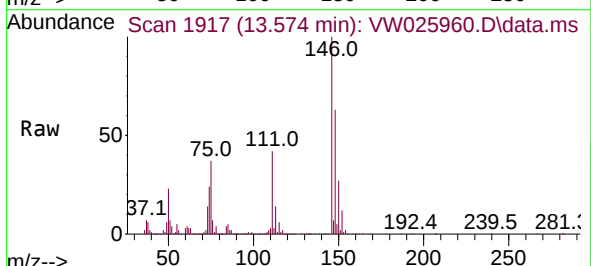
Tgt Ion:146 Resp: 396111

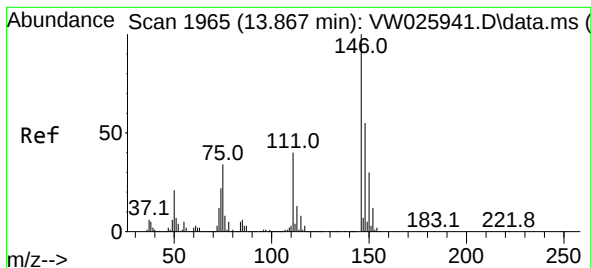
Ion Ratio Lower Upper

146 100

111 41.7 27.9 51.9

148 62.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 23.669 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

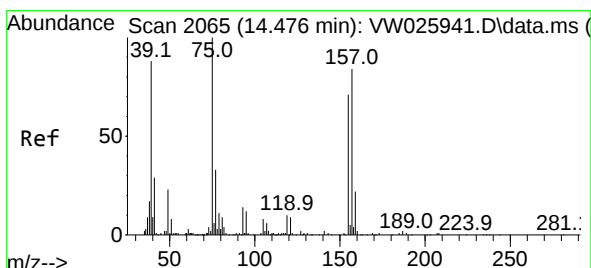
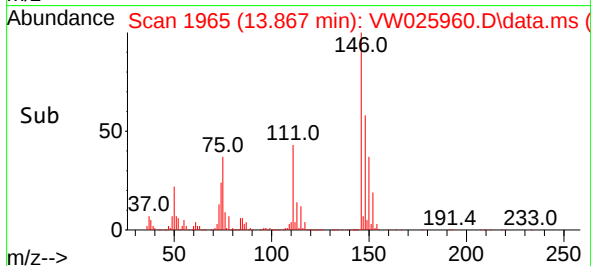
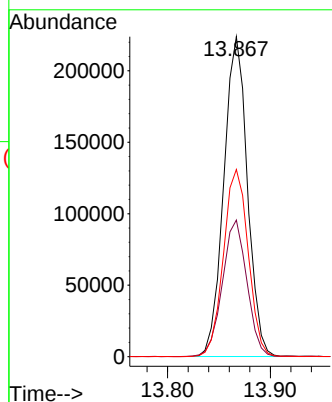
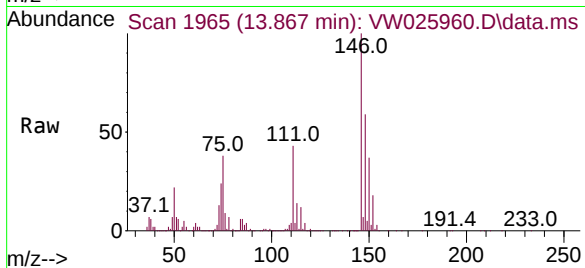
Tgt Ion:146 Resp: 356959

Ion Ratio Lower Upper

146 100

111 42.7 37.7 56.5

148 58.5 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 20.769 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

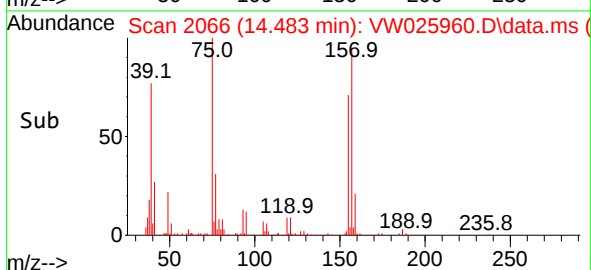
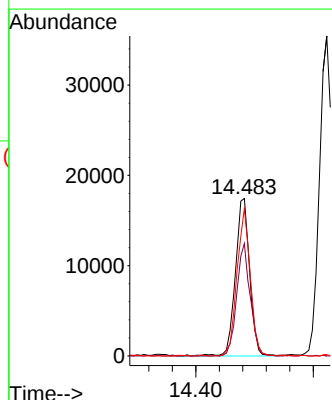
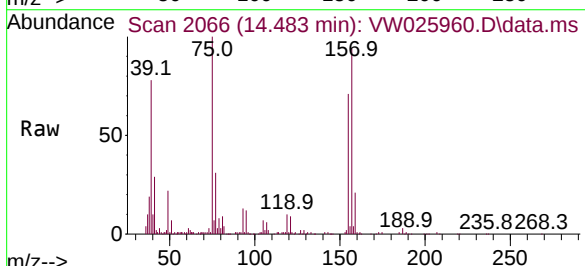
Tgt Ion: 75 Resp: 29414

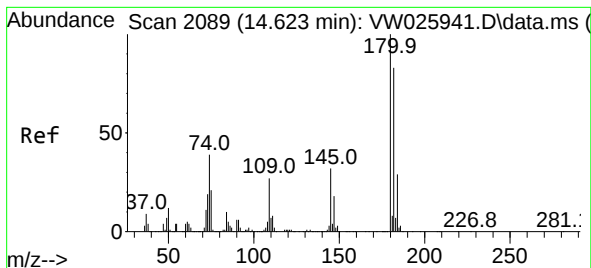
Ion Ratio Lower Upper

75 100

155 71.4 56.3 84.5

157 93.7 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 23.904 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

Tgt Ion:180 Resp: 268324

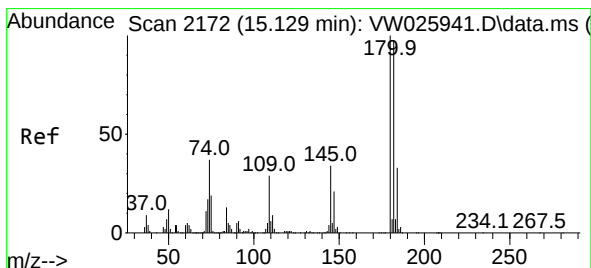
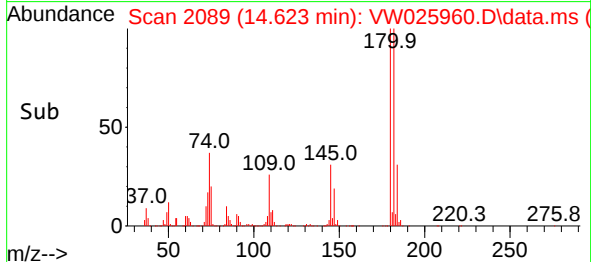
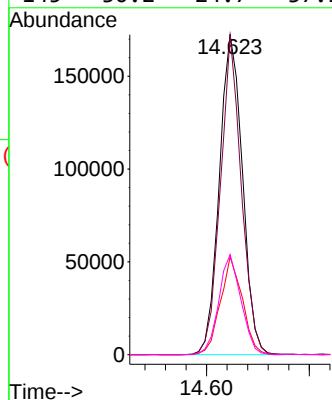
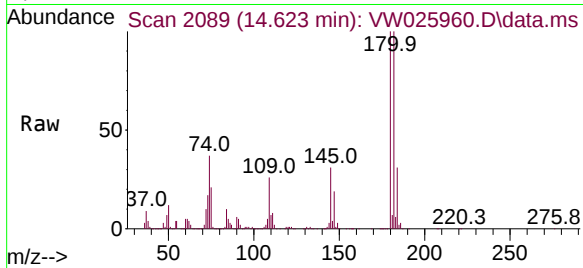
Ion Ratio Lower Upper

180 100

182 90.5 77.4 116.0

184 29.3 24.7 37.1

145 30.2 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 22.075 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

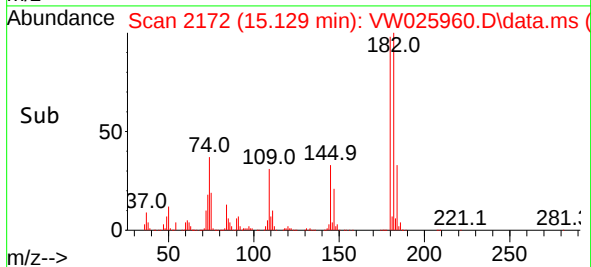
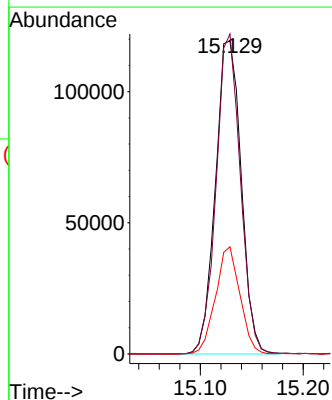
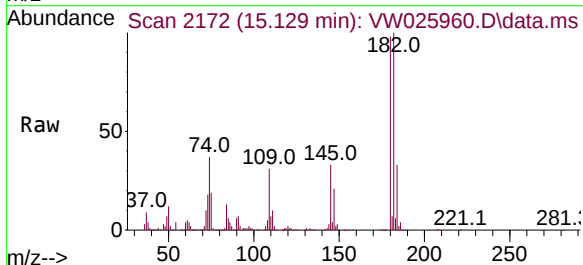
Tgt Ion:180 Resp: 207590

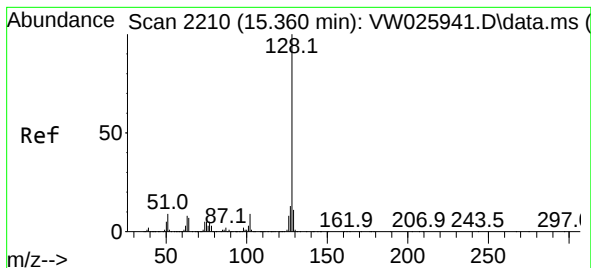
Ion Ratio Lower Upper

180 100

182 96.2 74.3 111.5

145 32.5 25.4 38.0





#71

Naphthalene

Concen: 21.208 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

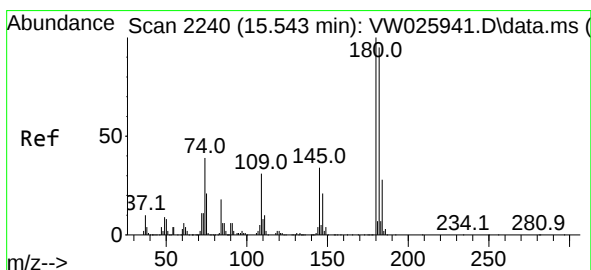
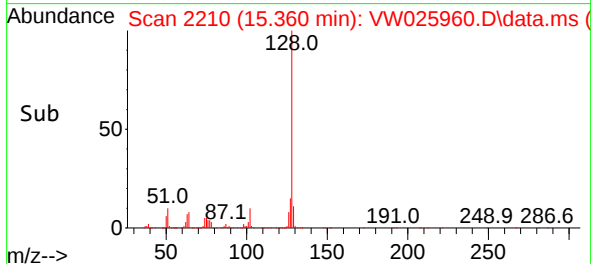
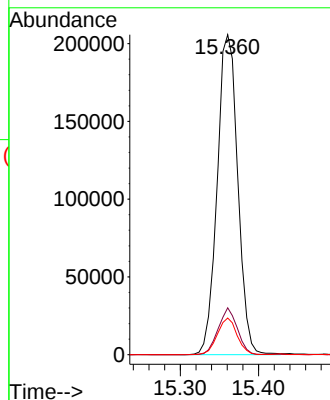
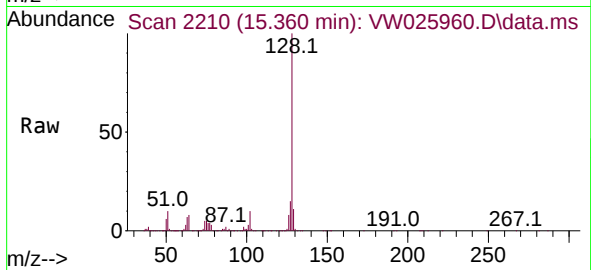
Tgt Ion:128 Resp: 376431

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 22.389 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW025960.D

Acq: 12 May 2023 09:39

Tgt Ion:180 Resp: 186817

Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

145 34.5 28.0 42.0

