

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090822\
 Data File : VW024581.D
 Acq On : 08 Sep 2022 10:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

Quant Time: Sep 08 22:19:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:52:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	361938	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	359592	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	195421	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	176544	23.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
7) Chloroethane-d5	2.873	69	142268	25.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	4.013	63	203458	25.807	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.240%
21) 2-Butanone-d5	7.074	46	52357	43.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.860%
24) Chloroform-d	7.647	84	233330	25.312	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	8.299	65	122247	23.521	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.080%
32) Benzene-d6	8.269	84	452036	25.556	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.240%
36) 1,2-Dichloropropane-d6	9.268	67	128242	24.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	10.323	98	440863	25.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.280%
43) trans-1,3-Dichloroprop...	10.573	79	55863	23.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.600%
47) 2-Hexanone-d5	10.921	63	46780	48.800	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.600%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	121905	24.388	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	154199	24.913	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.002	85	43560	25.130	ug/L	97
3) Chloromethane	2.215	50	133385	24.742	ug/L	100
5) Vinyl chloride	2.355	62	216179	23.786	ug/L	100
6) Bromomethane	2.770	94	148895	25.130	ug/L	95
8) Chloroethane	2.910	64	124061	25.090	ug/L	97
9) Trichlorofluoromethane	3.239	101	115260	21.936	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	123806	25.573	ug/L #	87
12) 1,1-Dichloroethene	4.026	96	108631	26.252	ug/L	96
13) Acetone	4.117	43	47029	45.852	ug/L	98
14) Carbon disulfide	4.373	76	273149	24.948	ug/L	99
15) Methyl Acetate	4.666	43	48518	22.380	ug/L	97
16) Methylene chloride	4.903	84	118995	22.033	ug/L	98
17) trans-1,2-Dichloroethene	5.416	96	123627	26.082	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	214468	25.407	ug/L	98
19) 1,1-Dichloroethane	6.208	63	226324	26.244	ug/L	99
22) 2-Butanone	7.165	43	70107	42.257	ug/L	99
23) Bromochloromethane	7.507	128	62209	25.549	ug/L	98
25) Chloroform	7.671	83	252199	26.326	ug/L	95
27) 1,2-Dichloroethane	8.397	62	164928	25.613	ug/L	99

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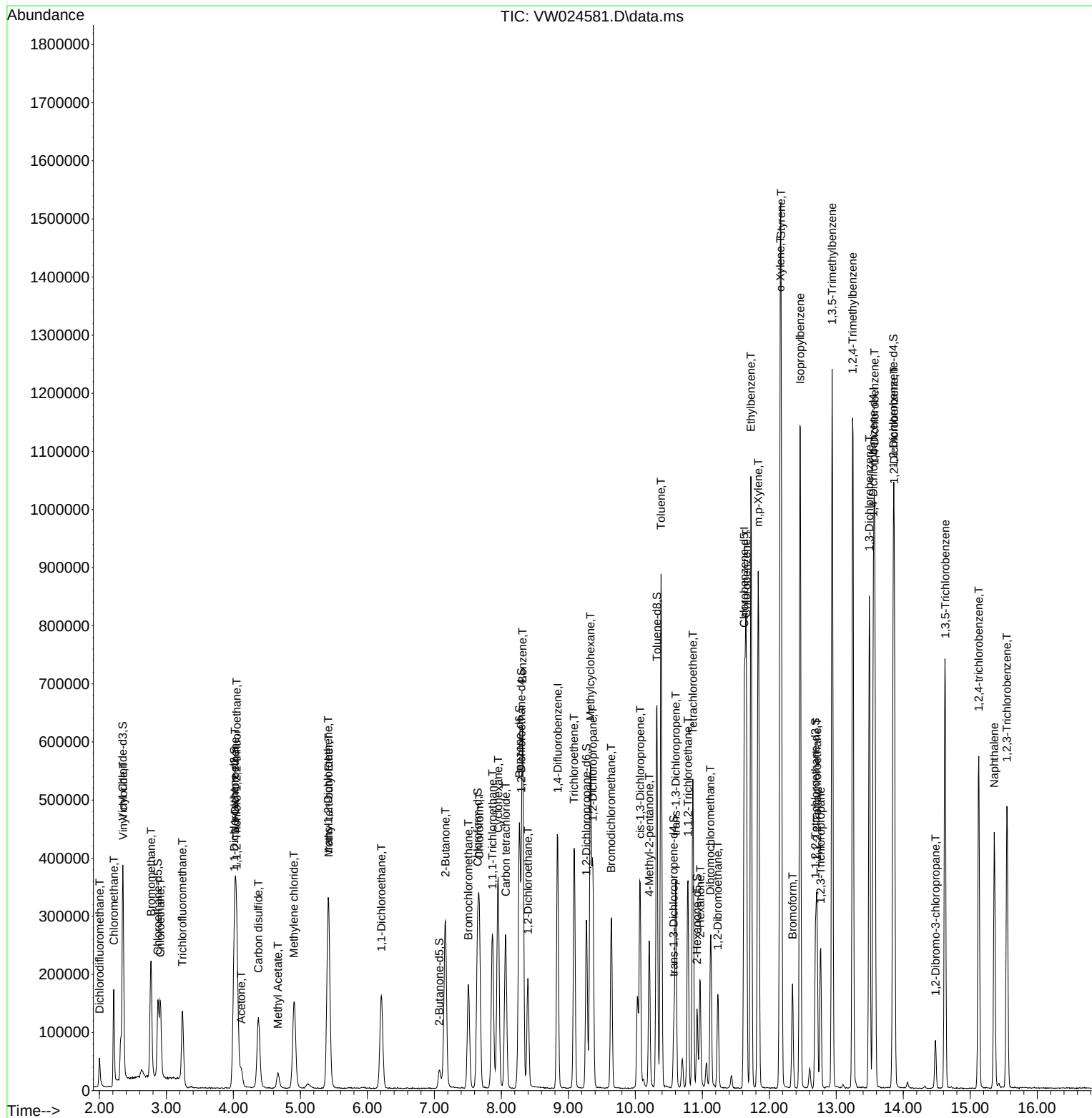
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	188111	27.021	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	209348	26.546	ug/L	100
31) Carbon tetrachloride	8.068	117	190903	26.504	ug/L	97
33) Benzene	8.317	78	543252	26.618	ug/L	100
34) Trichloroethene	9.086	95	140501	26.358	ug/L	97
35) Methylcyclohexane	9.329	83	232258	27.234	ug/L	99
37) 1,2-Dichloropropane	9.366	63	134097	26.307	ug/L	99
38) Bromodichloromethane	9.640	83	191946	26.644	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	205530	27.577	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	161031	47.891	ug/L	98
42) Toluene	10.384	91	622131	27.650	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	188810	26.821	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	110664	25.977	ug/L	99
46) Tetrachloroethene	10.860	164	106209	27.042	ug/L	96
48) 2-Hexanone	10.969	43	115951	50.285	ug/L	98
49) Dibromochloromethane	11.122	129	137083	27.526	ug/L	88
50) 1,2-Dibromoethane	11.232	107	105374	25.486	ug/L	96
51) Chlorobenzene	11.658	112	418629	26.931	ug/L	98
52) Ethylbenzene	11.725	91	722833	28.295	ug/L	96
53) m,p-Xylene	11.835	106	284176	28.472	ug/L	99
54) o-Xylene	12.164	106	273002	28.729	ug/L	91
55) Styrene	12.177	104	486992	29.115	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	139415	25.850	ug/L	98
59) Bromoform	12.347	173	75053	26.422	ug/L	98
60) Isopropylbenzene	12.463	105	745739	28.185	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	97856	24.204	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	634278	28.868	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	628850	28.757	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	335576	28.148	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	330250	26.281	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	300720	27.049	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	20910	21.859	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	208376	26.910	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	169251	27.545	ug/L	100
71) Naphthalene	15.359	128	359999	26.482	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	149962	26.233	ug/L	98

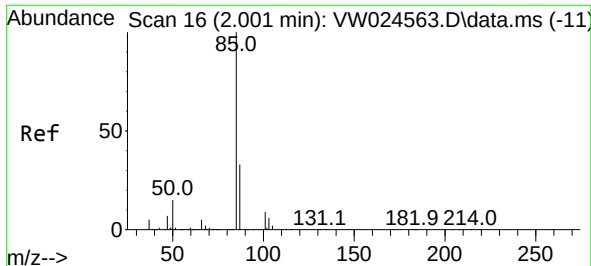
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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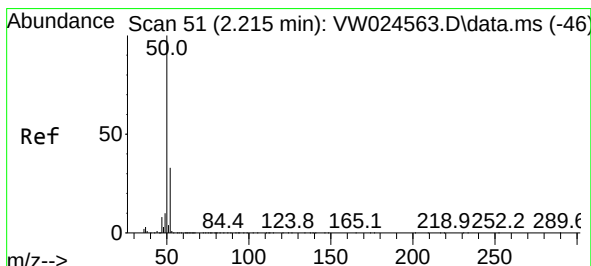
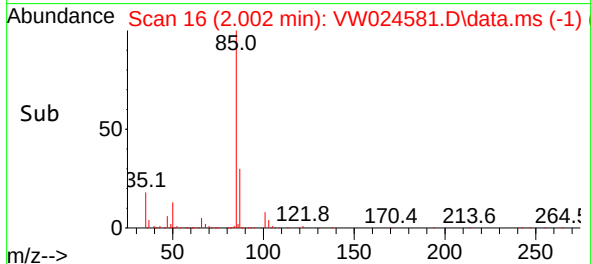
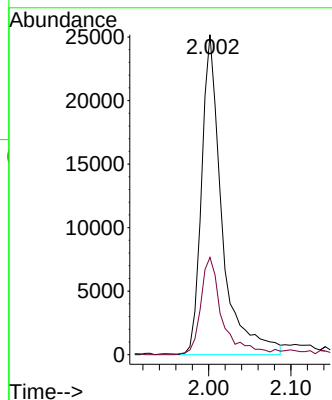
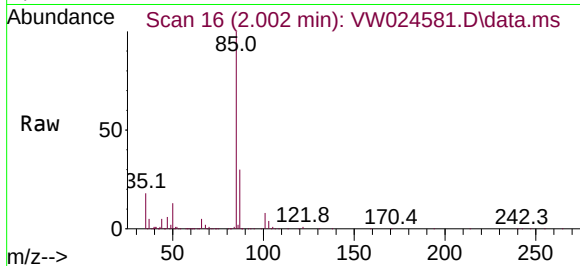




#2
 Dichlorodifluoromethane
 Concen: 25.130 ug/L
 RT: 2.002 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024581.D
 Acq: 08 Sep 2022 10:26

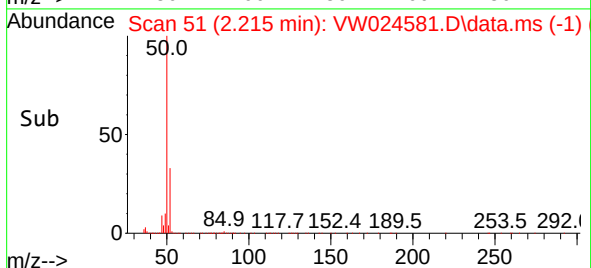
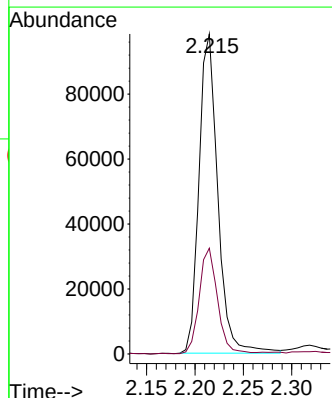
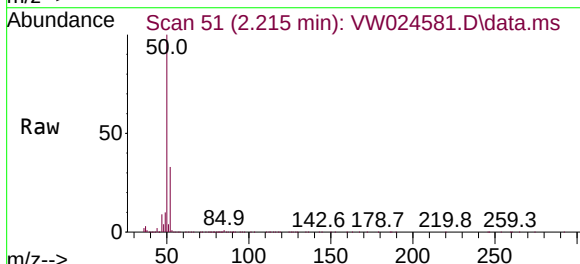
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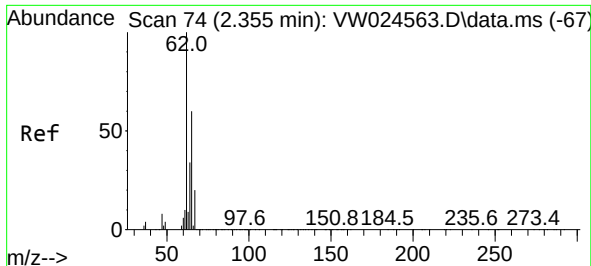
Tgt Ion: 85 Resp: 43560
 Ion Ratio Lower Upper
 85 100
 87 28.3 24.2 36.2



#3
 Chloromethane
 Concen: 24.742 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW024581.D
 Acq: 08 Sep 2022 10:26

Tgt Ion: 50 Resp: 133385
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.3 43.3

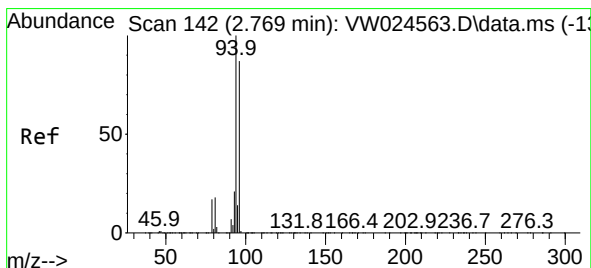
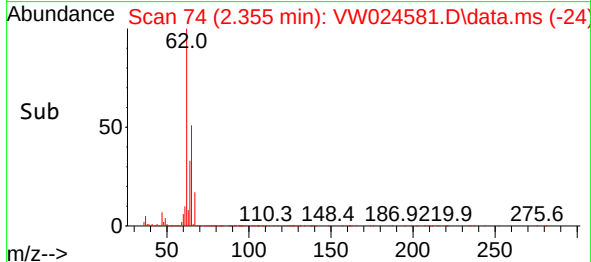
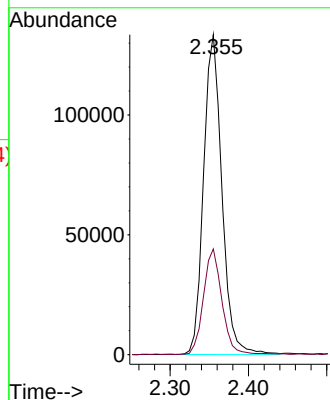
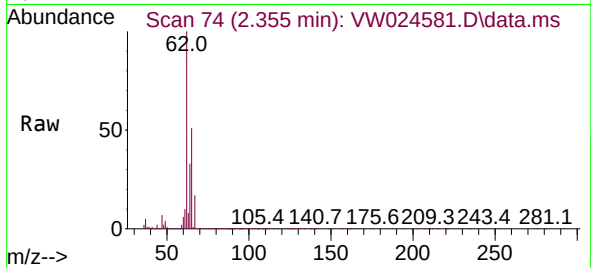




#5
 Vinyl chloride
 Concen: 23.786 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024581.D
 Acq: 08 Sep 2022 10:26

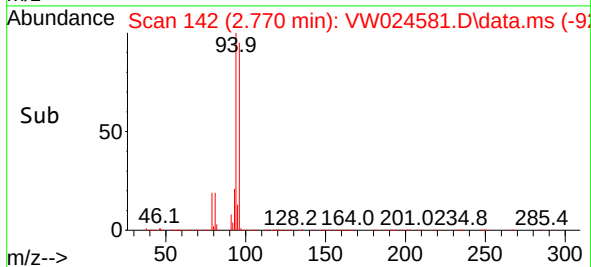
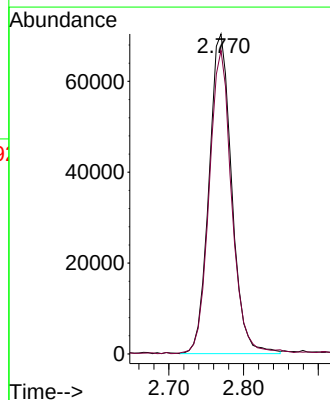
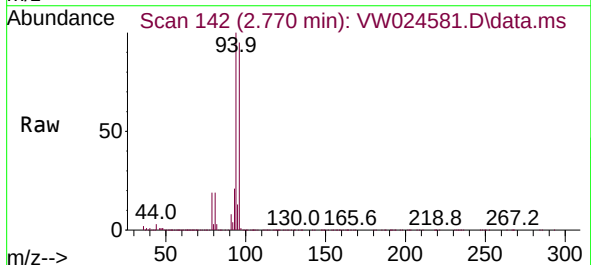
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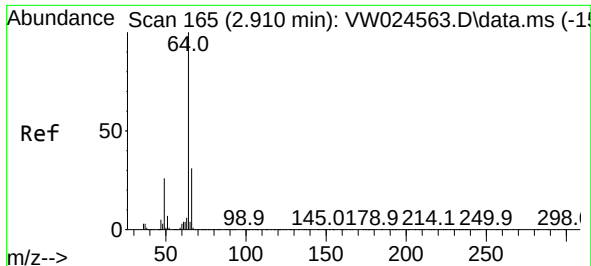
Tgt Ion: 62 Resp: 216179
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.3 43.3



#6
 Bromomethane
 Concen: 25.130 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.006 min
 Lab File: VW024581.D
 Acq: 08 Sep 2022 10:26

Tgt Ion: 94 Resp: 148895
 Ion Ratio Lower Upper
 94 100
 96 94.9 69.8 129.6

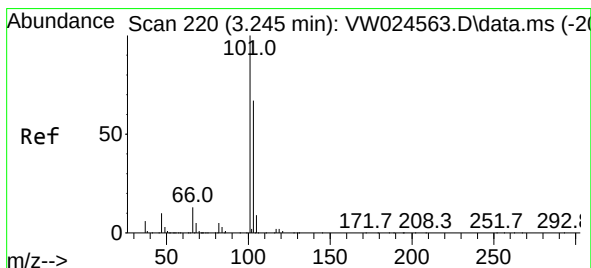
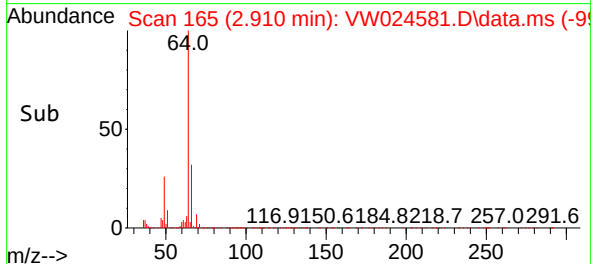
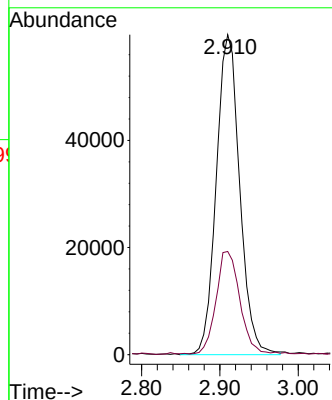
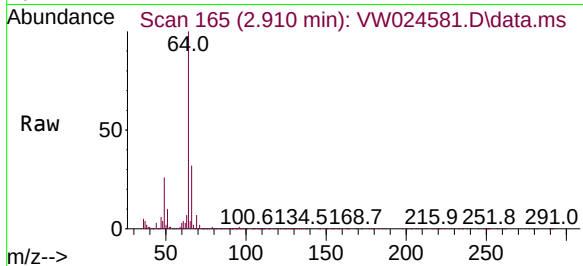




#8
Chloroethane
Concen: 25.090 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

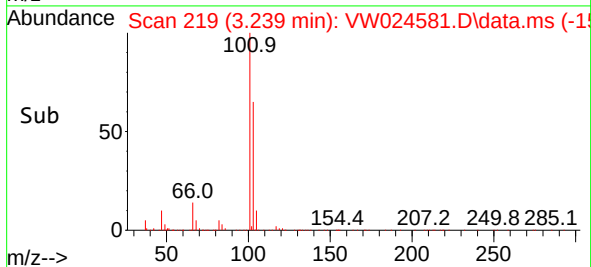
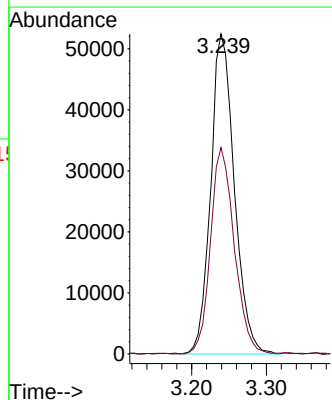
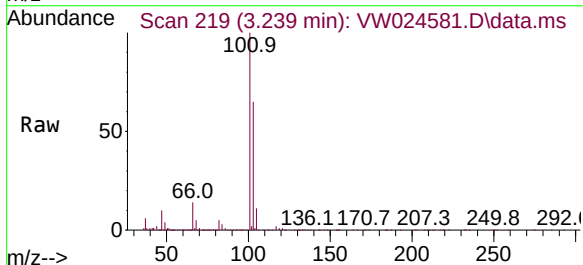
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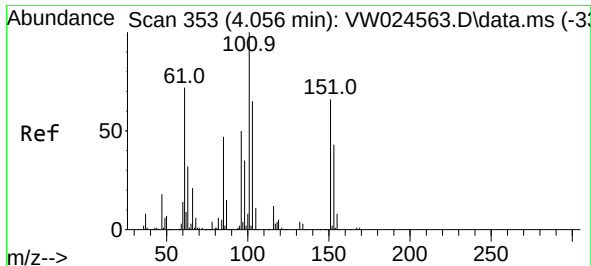
Tgt Ion: 64 Resp: 124061
Ion Ratio Lower Upper
64 100
66 32.3 23.7 44.1



#9
Trichlorofluoromethane
Concen: 21.936 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion: 101 Resp: 115260
Ion Ratio Lower Upper
101 100
103 64.8 52.5 78.7

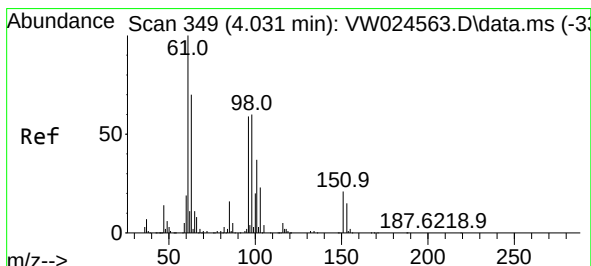
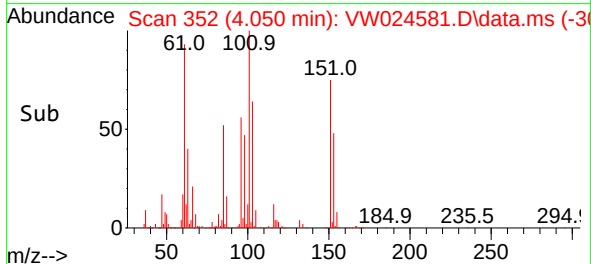
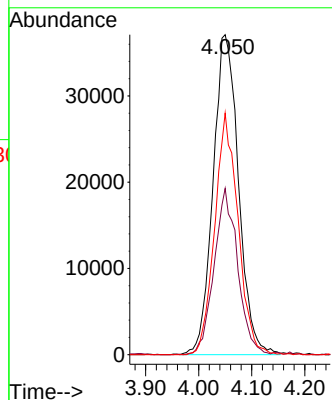
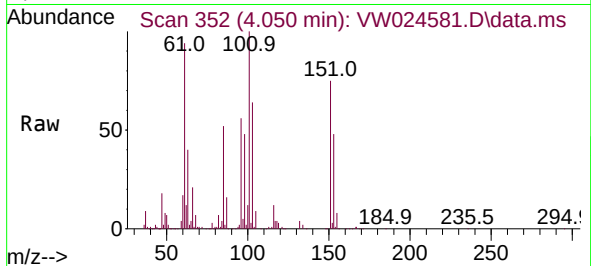




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.573 ug/L
 RT: 4.050 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW024581.D
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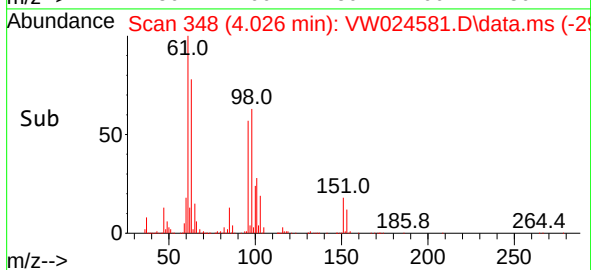
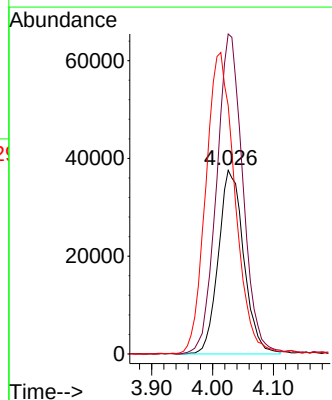
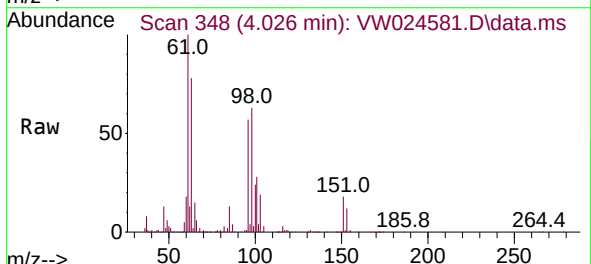
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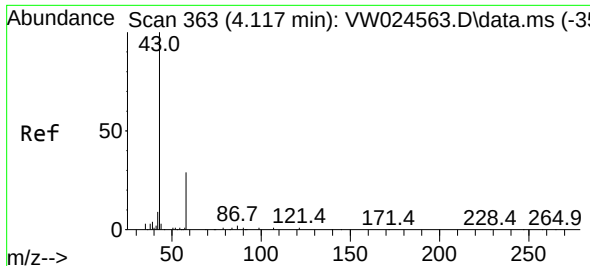
Tgt Ion:101 Resp: 123806
 Ion Ratio Lower Upper
 101 100
 85 48.0 21.8 32.8#
 151 69.1 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 26.252 ug/L
 RT: 4.026 min Scan# 348
 Delta R.T. 0.000 min
 Lab File: VW024581.D
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Tgt Ion: 96 Resp: 108631
 Ion Ratio Lower Upper
 96 100
 61 174.2 119.8 222.6
 63 135.2 89.6 166.4

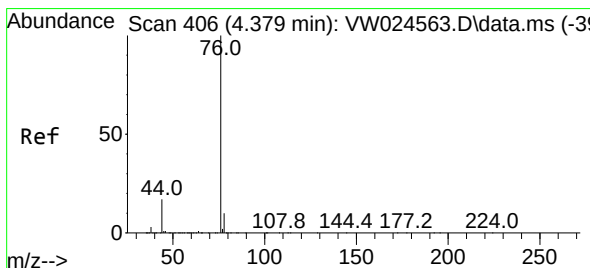
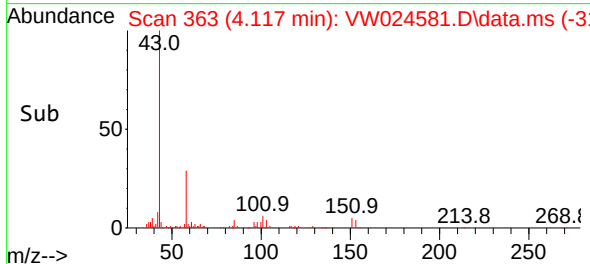
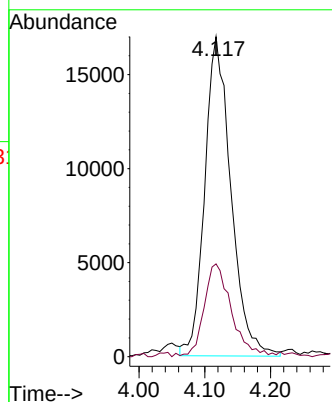
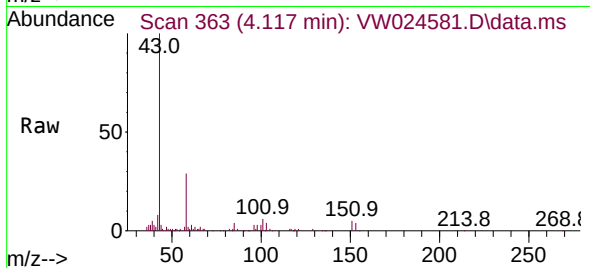




#13
Acetone
Concen: 45.852 ug/L
RT: 4.117 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

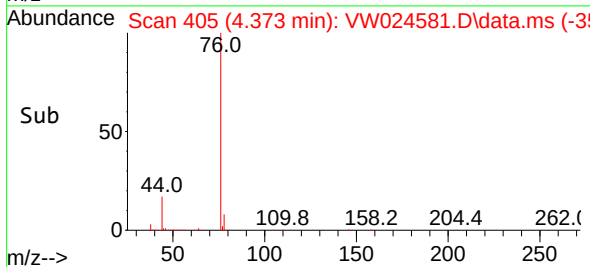
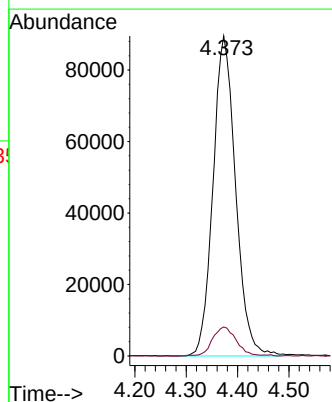
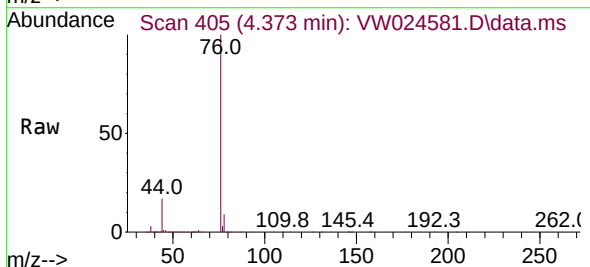
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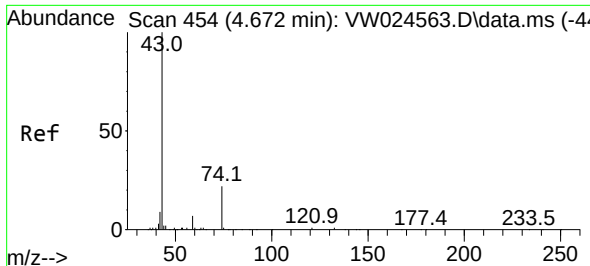
Tgt Ion: 43 Resp: 47029
Ion Ratio Lower Upper
43 100
58 30.0 0.0 57.8



#14
Carbon disulfide
Concen: 24.948 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 273149
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

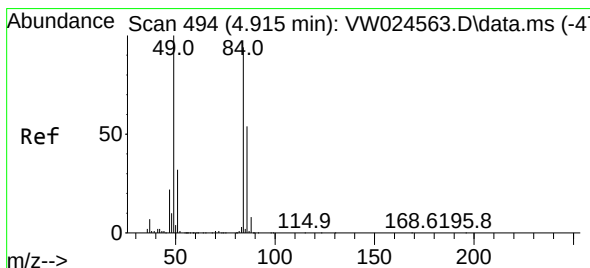
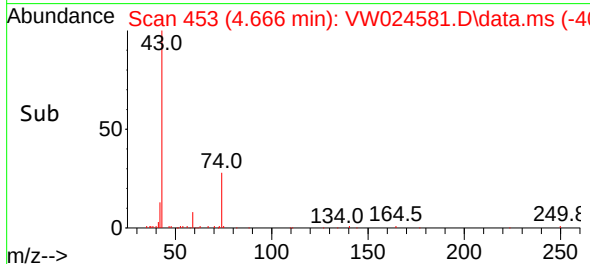
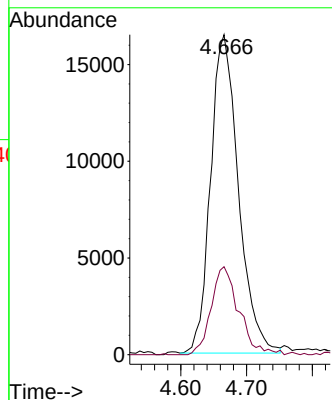
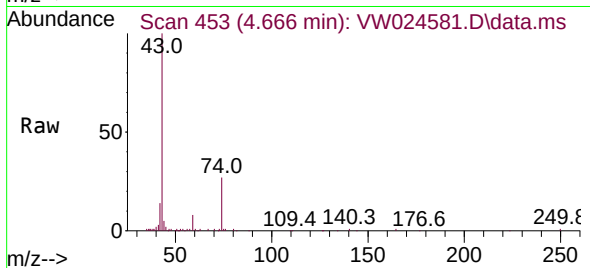




#15
Methyl Acetate
Concen: 22.380 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

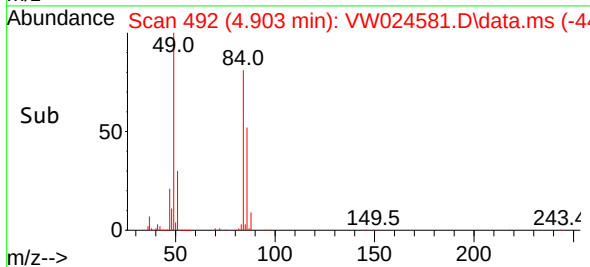
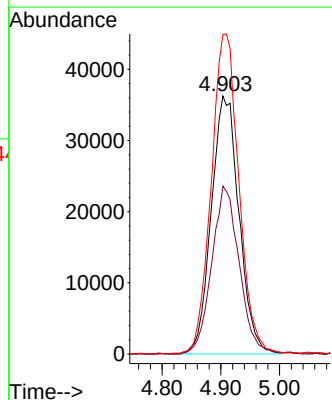
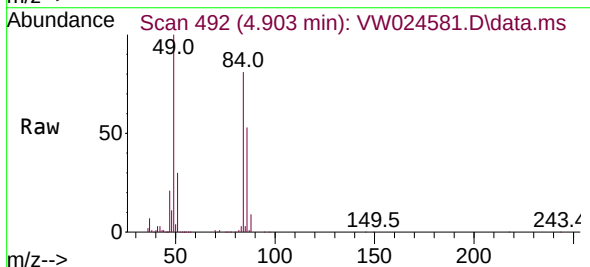
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

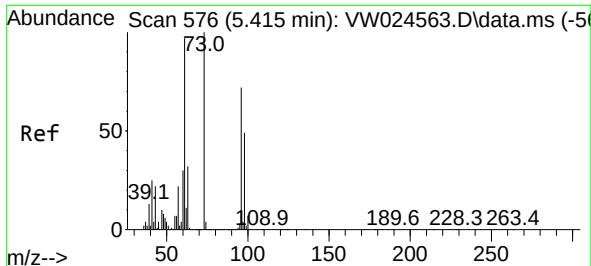
Tgt Ion: 43 Resp: 48518
Ion Ratio Lower Upper
43 100
74 26.3 19.9 29.9



#16
Methylene chloride
Concen: 22.033 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion: 84 Resp: 118995
Ion Ratio Lower Upper
84 100
86 65.1 44.4 82.5
49 123.9 88.5 164.3

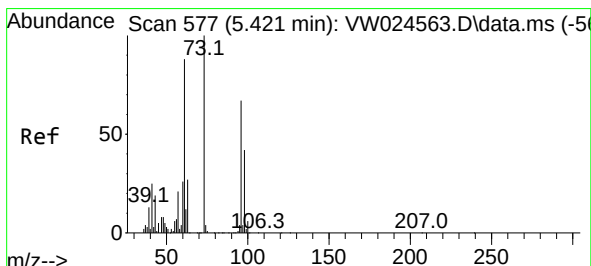
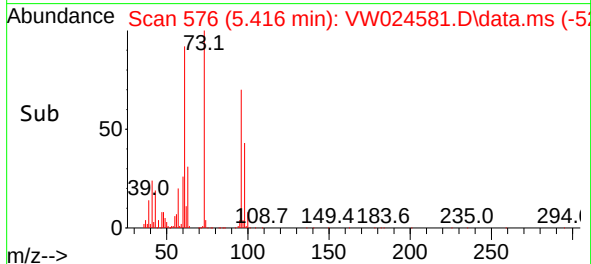
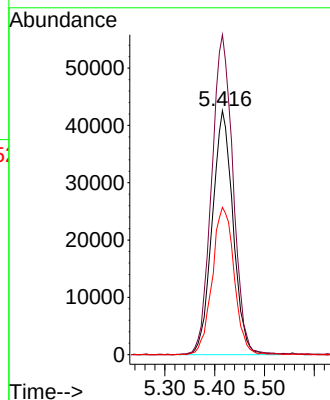
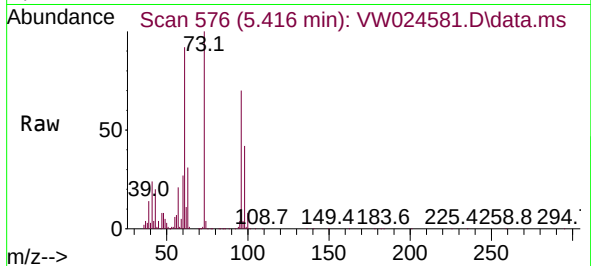




#17
trans-1,2-Dichloroethene
Concen: 26.082 ug/L
RT: 5.416 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

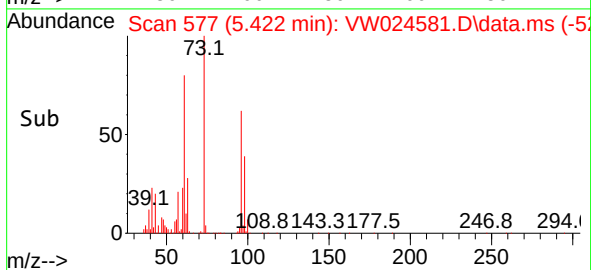
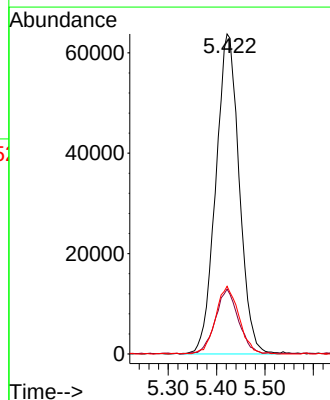
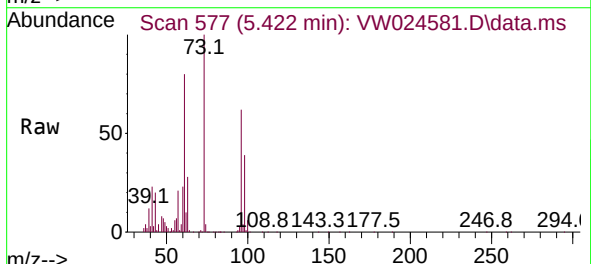
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

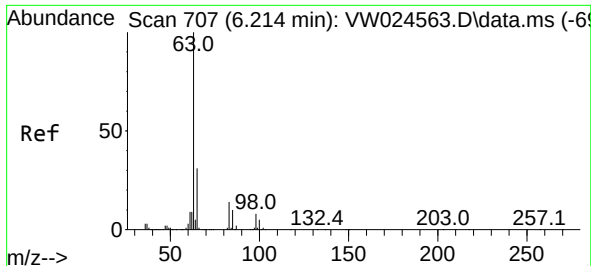
Tgt Ion: 96 Resp: 123627
Ion Ratio Lower Upper
96 100
61 131.2 91.7 170.3
98 60.4 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 25.407 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion: 73 Resp: 214468
Ion Ratio Lower Upper
73 100
43 19.3 16.7 25.1
57 21.0 16.8 25.2





#19

1,1-Dichloroethane

Concen: 26.244 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

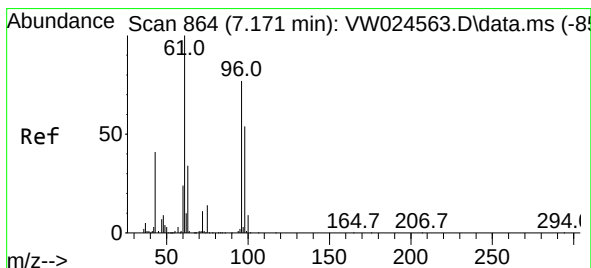
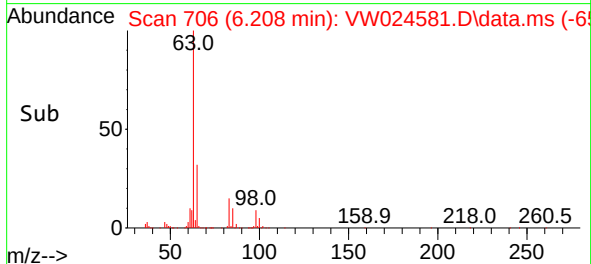
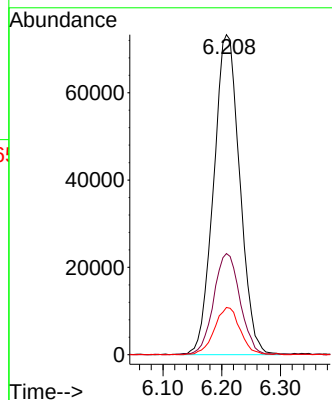
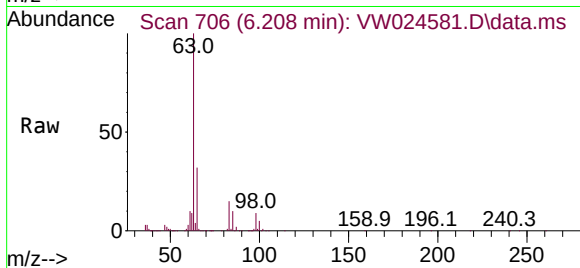
Tgt Ion: 63 Resp: 226324

Ion Ratio Lower Upper

63 100

65 31.6 22.0 41.0

83 14.8 9.5 17.7



#22

2-Butanone

Concen: 42.257 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW024581.D

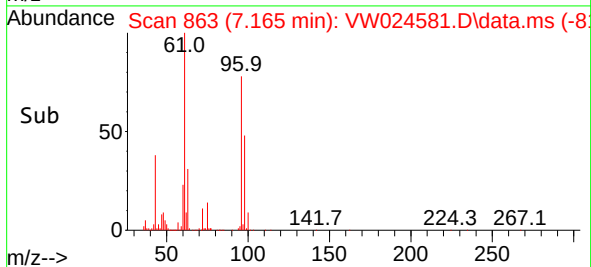
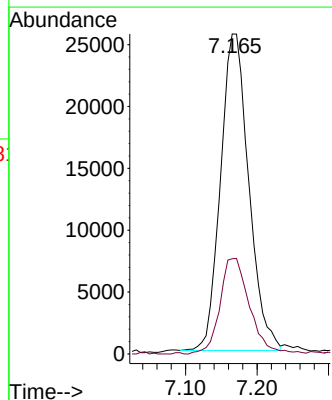
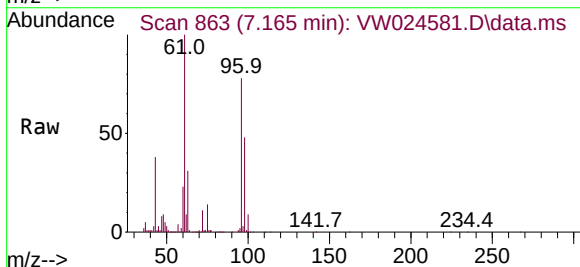
Acq: 08 Sep 2022 10:26

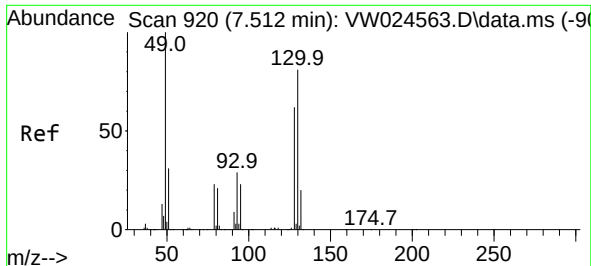
Tgt Ion: 43 Resp: 70107

Ion Ratio Lower Upper

43 100

72 31.5 15.4 46.4

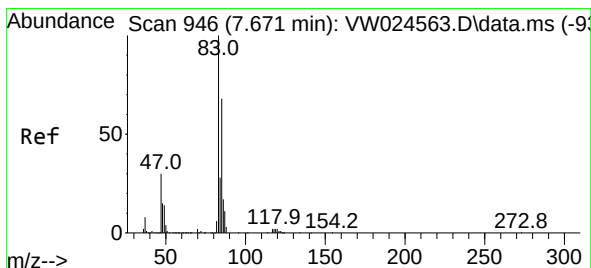
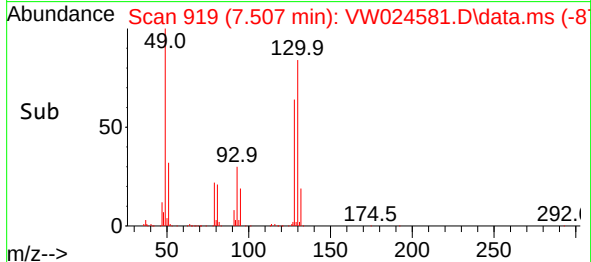
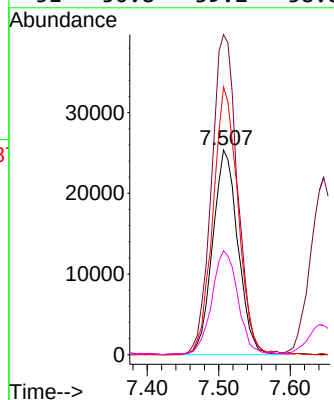
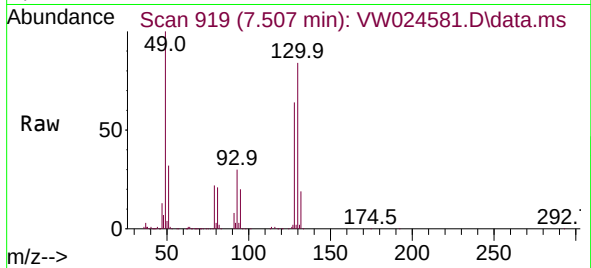




#23
Bromochloromethane
Concen: 25.549 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

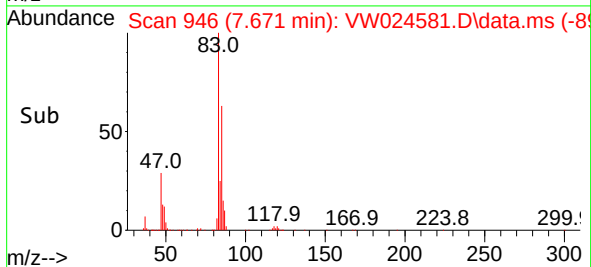
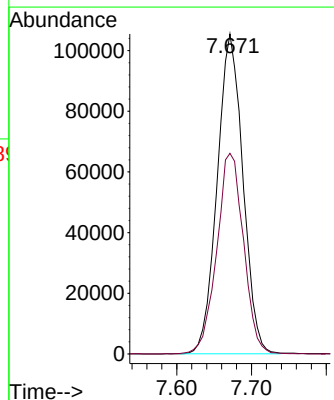
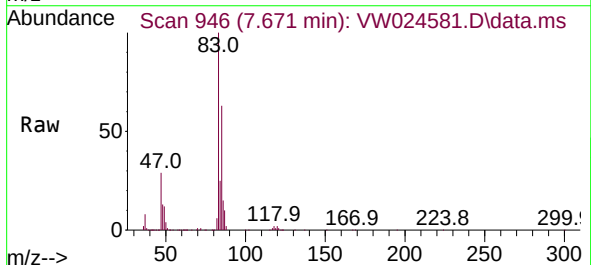
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

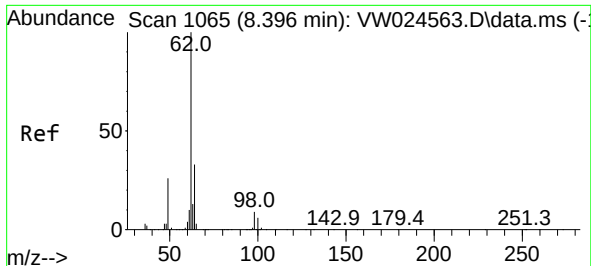
Tgt Ion:	128	Resp:	62209
Ion	Ratio	Lower	Upper
128	100		
49	156.3	110.0	204.2
130	130.7	88.3	163.9
51	50.8	39.2	58.8



#25
Chloroform
Concen: 26.326 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion:	83	Resp:	252199
Ion	Ratio	Lower	Upper
83	100		
85	62.7	46.4	86.2





#27

1,2-Dichloroethane

Concen: 25.613 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

Instrument :

MSVOA_W

ClientSampleId :

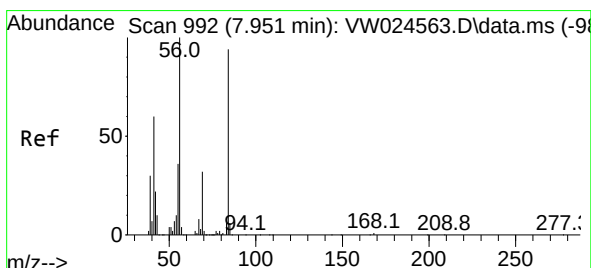
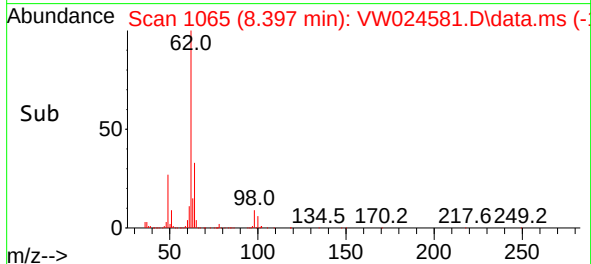
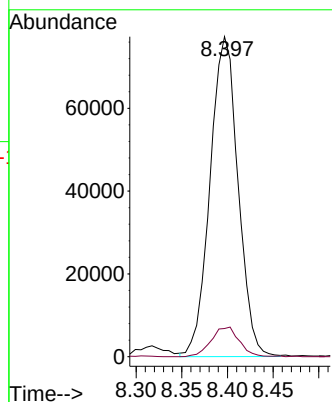
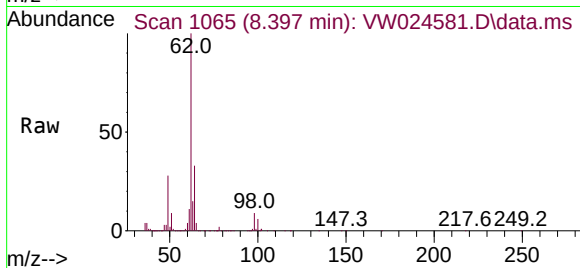
VSTD025564

Tgt Ion: 62 Resp: 164928

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0



#29

Cyclohexane

Concen: 27.021 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

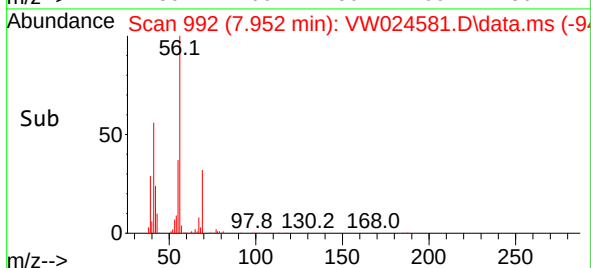
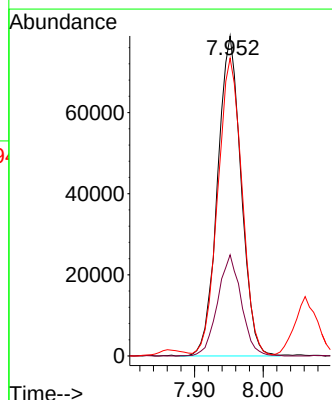
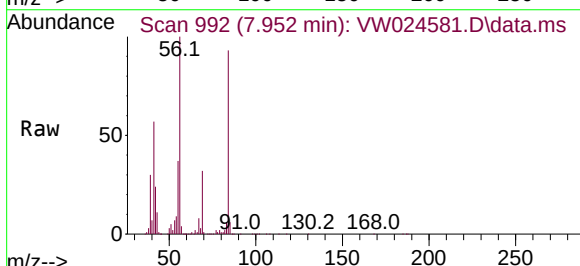
Tgt Ion: 56 Resp: 188111

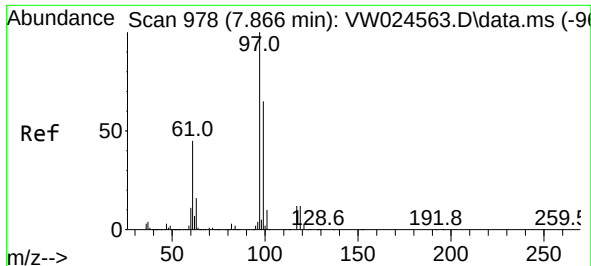
Ion Ratio Lower Upper

56 100

69 31.6 24.5 36.7

84 95.6 75.7 113.5





#30

1,1,1-Trichloroethane

Concen: 26.546 ug/L

RT: 7.866 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

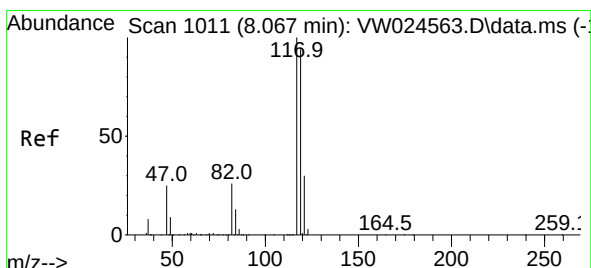
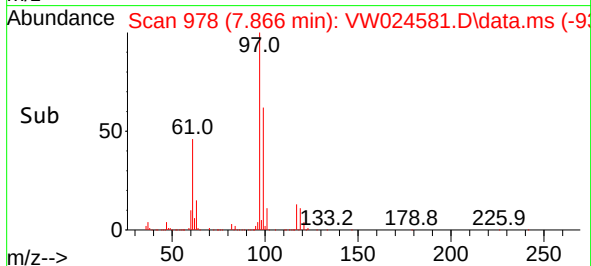
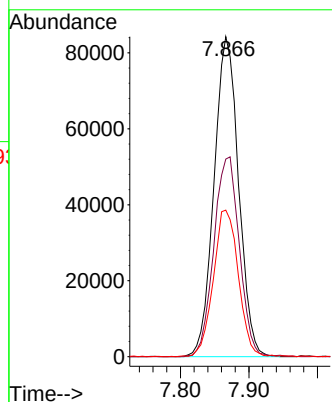
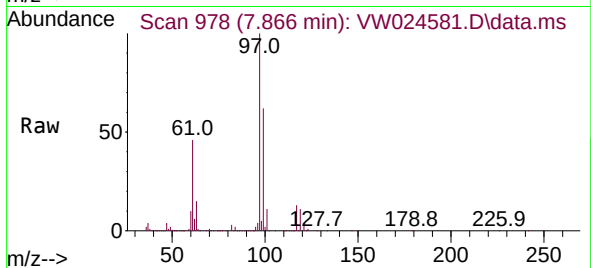
Tgt Ion: 97 Resp: 209348

Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

61 46.5 37.2 55.8



#31

Carbon tetrachloride

Concen: 26.504 ug/L

RT: 8.068 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW024581.D

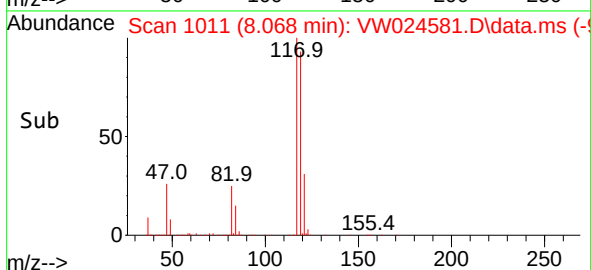
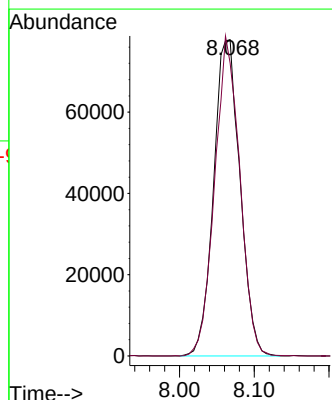
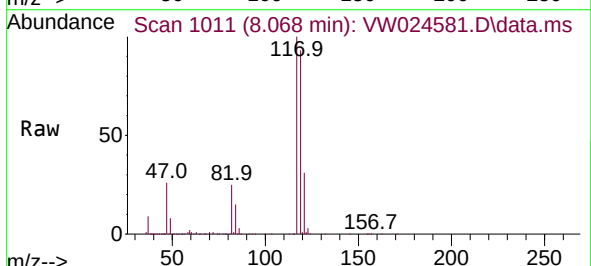
Acq: 08 Sep 2022 10:26

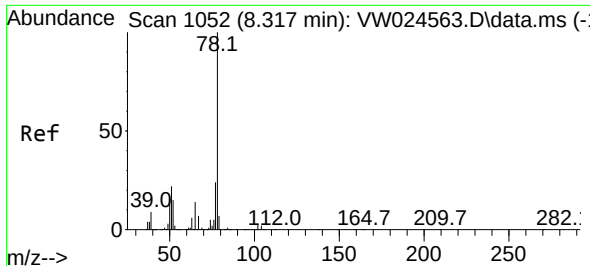
Tgt Ion: 117 Resp: 190903

Ion Ratio Lower Upper

117 100

119 96.3 74.4 111.6

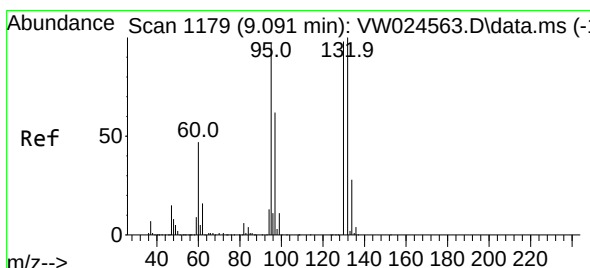
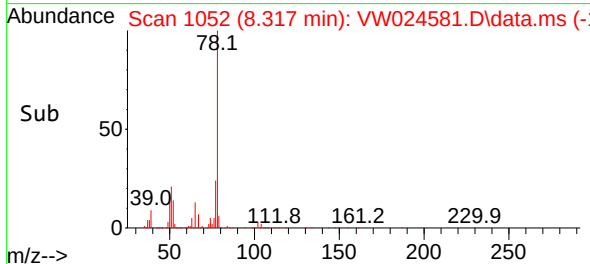
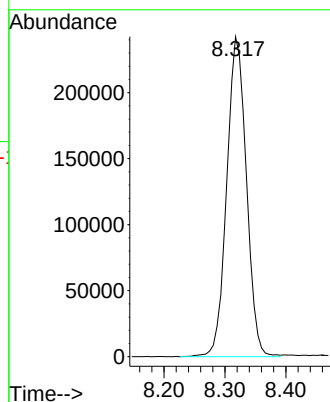
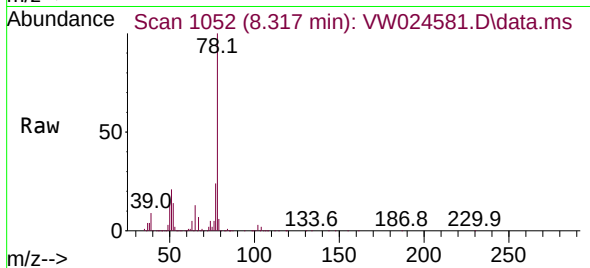




#33
Benzene
Concen: 26.618 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

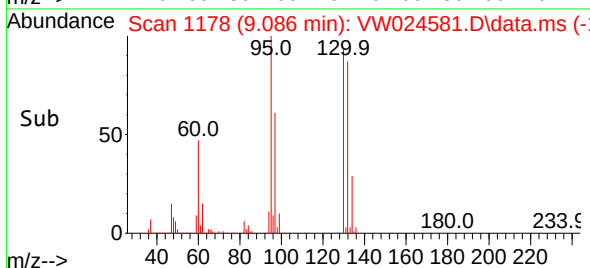
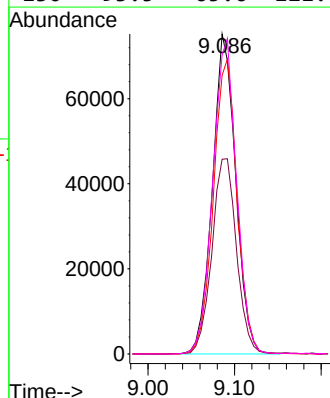
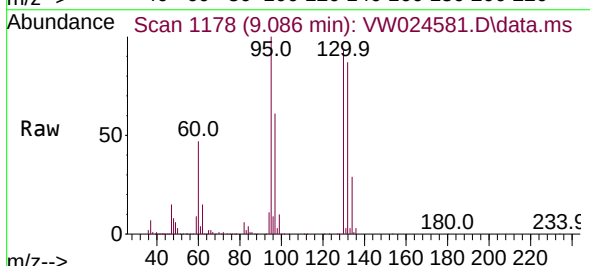
Tgt Ion: 78 Resp: 543252

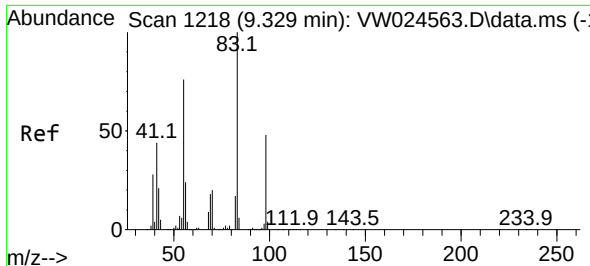


#34
Trichloroethene
Concen: 26.358 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion: 95 Resp: 140501

Ion	Ratio	Lower	Upper
95	100		
97	60.8	45.9	85.3
132	87.1	62.6	116.2
130	93.5	65.6	121.8

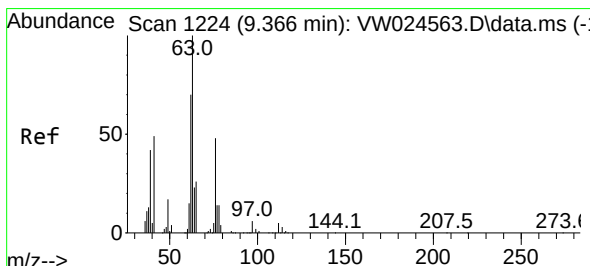
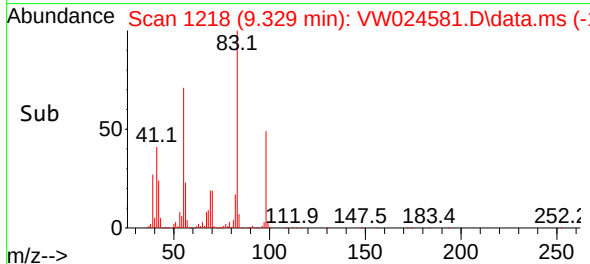
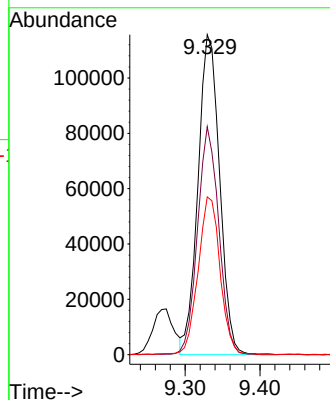
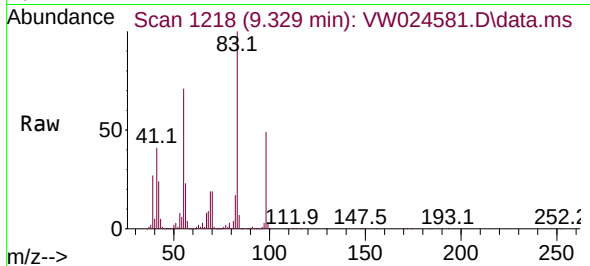




#35
Methylcyclohexane
Concen: 27.234 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

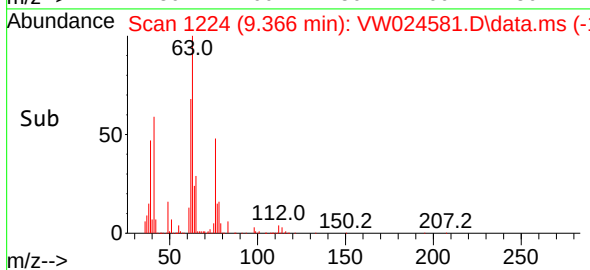
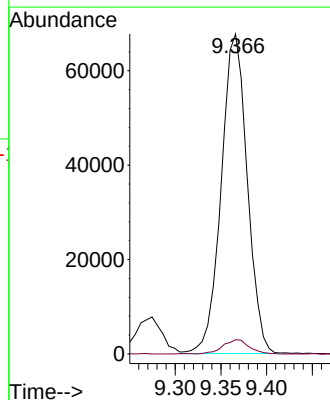
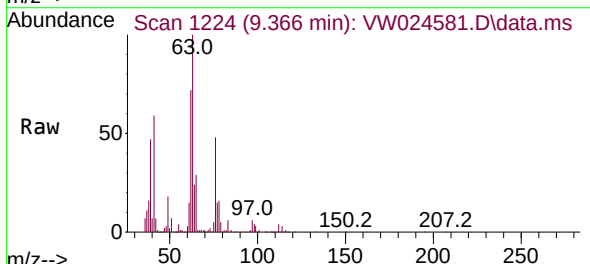
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

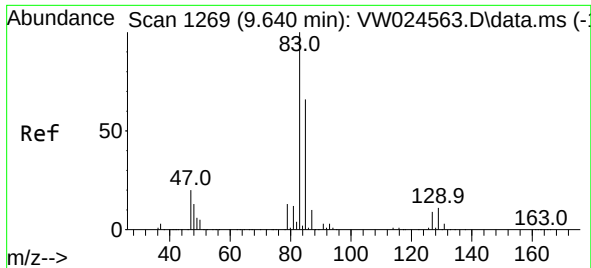
Tgt Ion: 83 Resp: 232258
Ion Ratio Lower Upper
83 100
55 70.1 57.3 85.9
98 50.3 40.4 60.6



#37
1,2-Dichloropropane
Concen: 26.307 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion: 63 Resp: 134097
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9

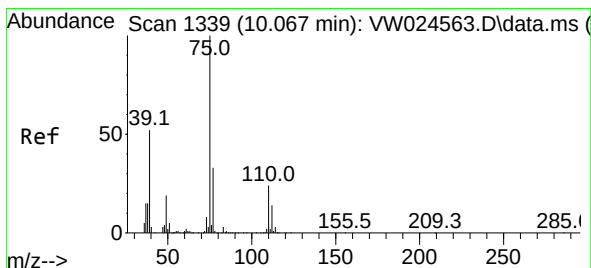
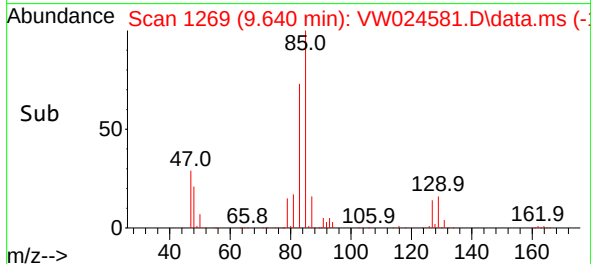
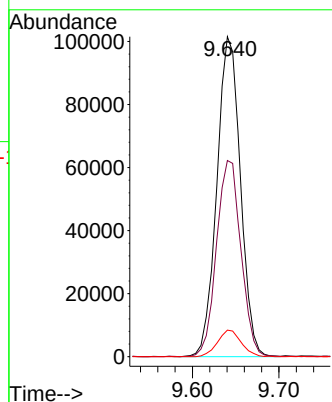
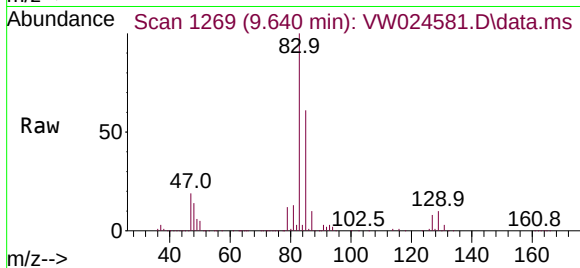




#38
Bromodichloromethane
Concen: 26.644 ug/L
RT: 9.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

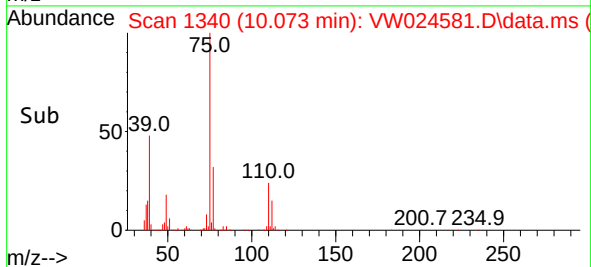
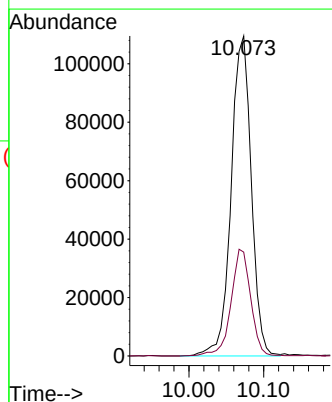
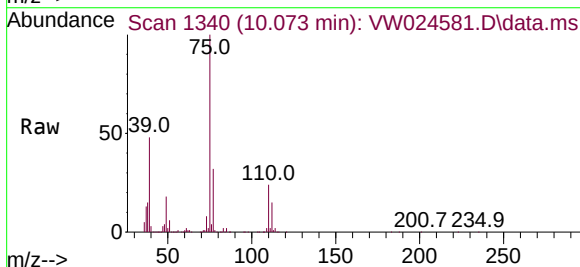
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

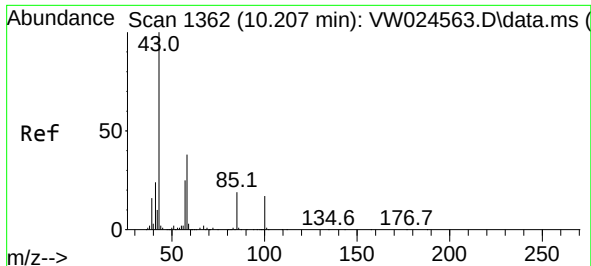
Tgt Ion: 83 Resp: 191946
Ion Ratio Lower Upper
83 100
85 61.3 45.1 83.9
127 8.3 7.3 10.9



#39
cis-1,3-Dichloropropene
Concen: 27.577 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion: 75 Resp: 205530
Ion Ratio Lower Upper
75 100
77 32.4 21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 47.891 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

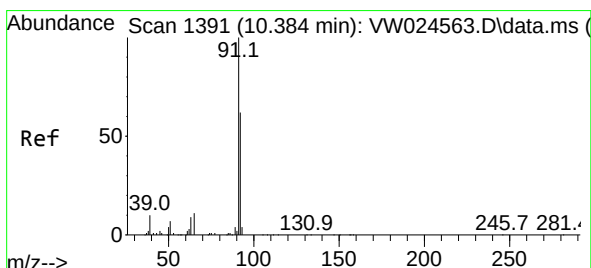
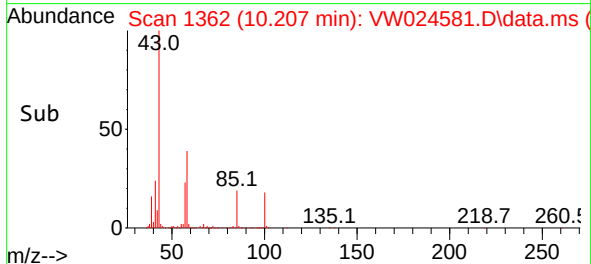
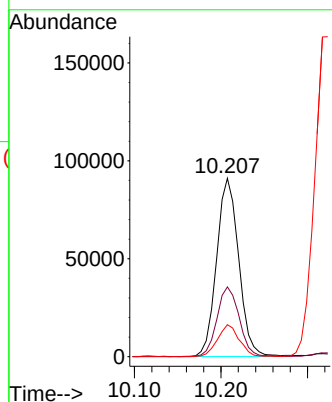
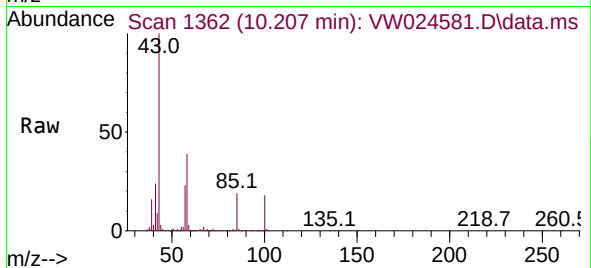
Tgt Ion: 43 Resp: 161031

Ion Ratio Lower Upper

43 100

58 39.4 30.9 46.3

100 17.8 13.3 19.9



#42

Toluene

Concen: 27.650 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024581.D

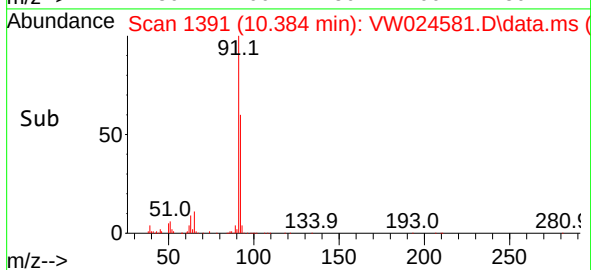
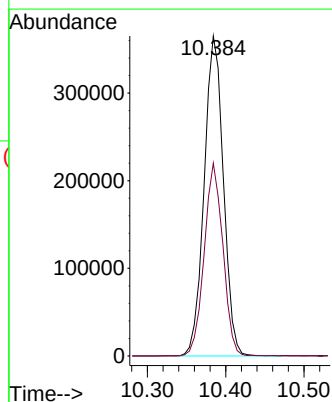
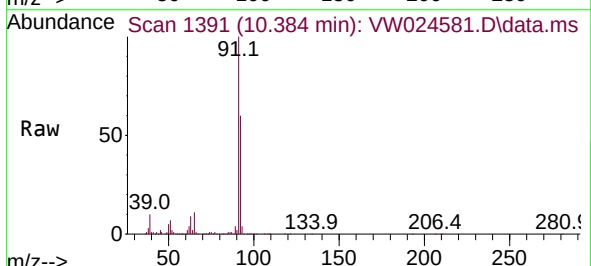
Acq: 08 Sep 2022 10:26

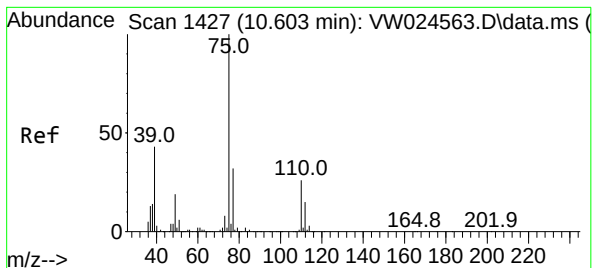
Tgt Ion: 91 Resp: 622131

Ion Ratio Lower Upper

91 100

92 60.2 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 26.821 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

Instrument :

MSVOA_W

ClientSampleId :

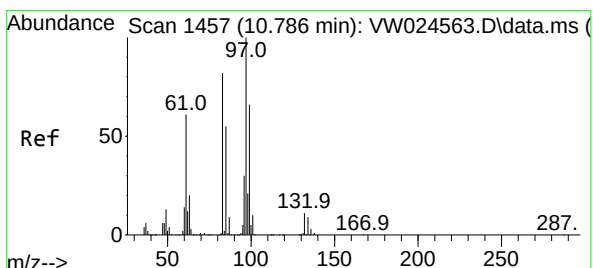
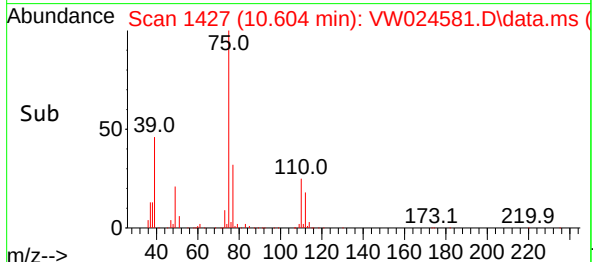
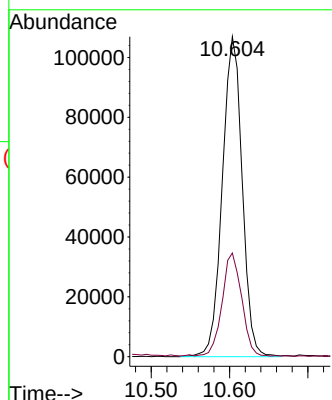
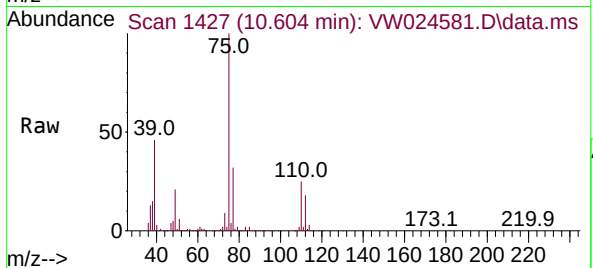
VSTD025564

Tgt Ion: 75 Resp: 188810

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.4



#45

1,1,2-Trichloroethane

Concen: 25.977 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

Tgt Ion: 97 Resp: 110664

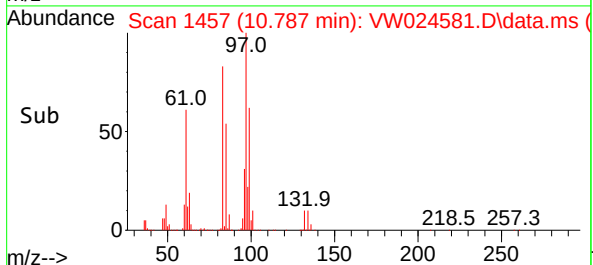
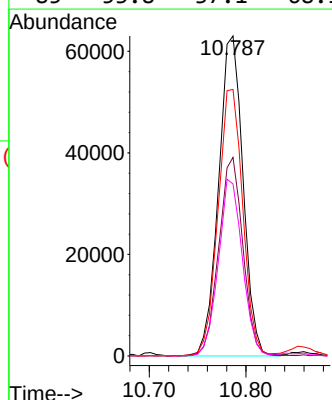
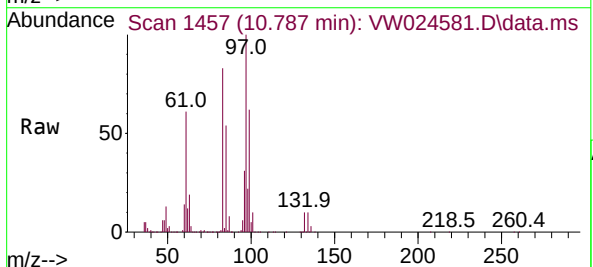
Ion Ratio Lower Upper

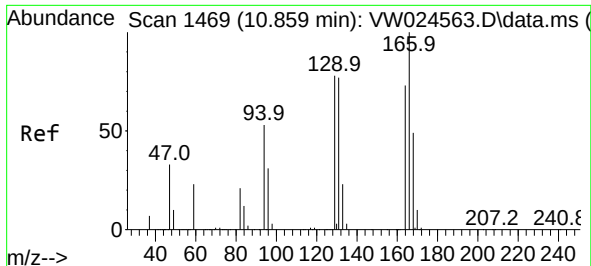
97 100

99 62.1 41.9 77.9

83 83.3 58.2 108.0

85 53.8 37.1 68.9



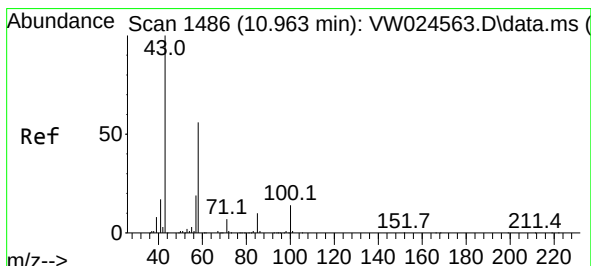
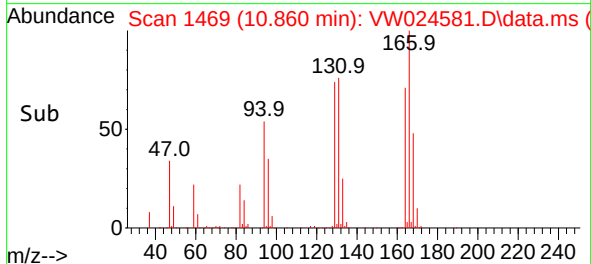
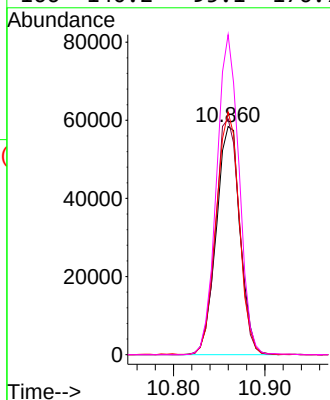
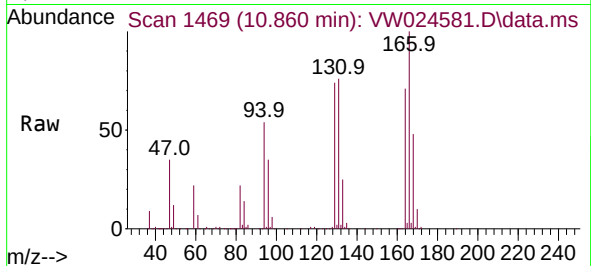


#46
Tetrachloroethene
Concen: 27.042 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

Tgt Ion:164 Resp: 106209

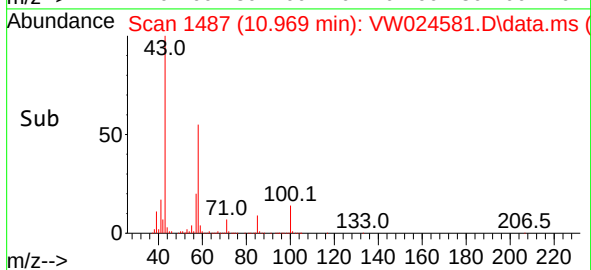
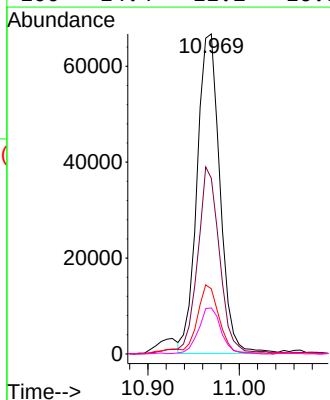
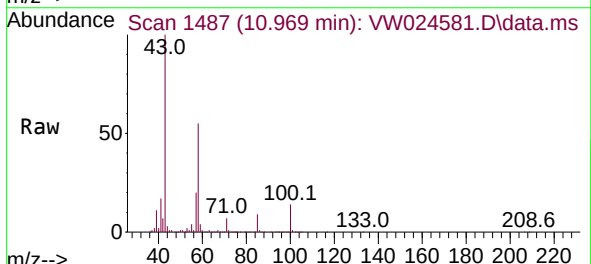
Ion	Ratio	Lower	Upper
164	100		
129	103.2	75.0	139.2
131	106.3	70.1	130.1
166	140.2	95.1	176.7

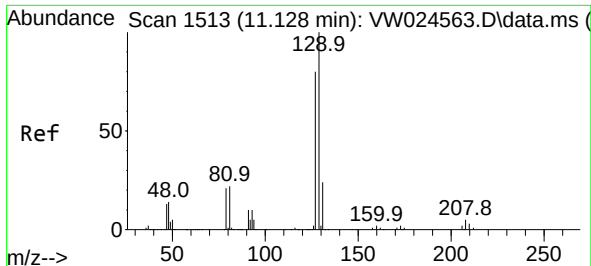


#48
2-Hexanone
Concen: 50.285 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion: 43 Resp: 115951

Ion	Ratio	Lower	Upper
43	100		
58	56.8	43.7	65.5
57	19.9	15.3	22.9
100	14.4	11.2	16.8





#49

Dibromochloromethane

Concen: 27.526 ug/L

RT: 11.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

Instrument :

MSVOA_W

ClientSampleId :

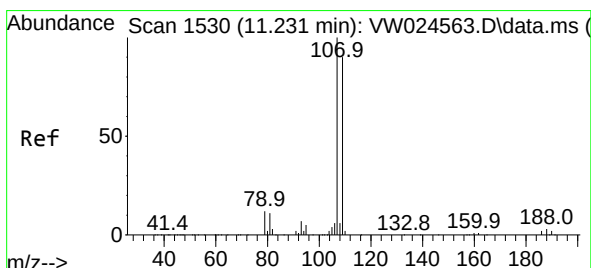
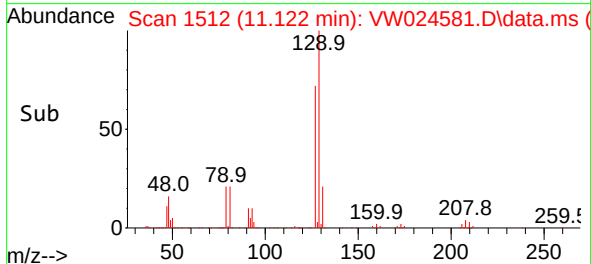
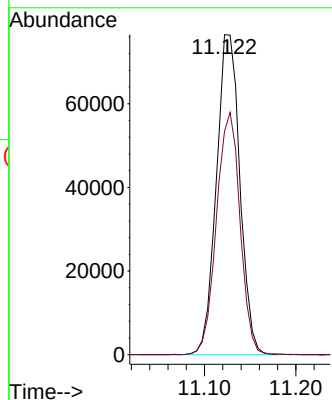
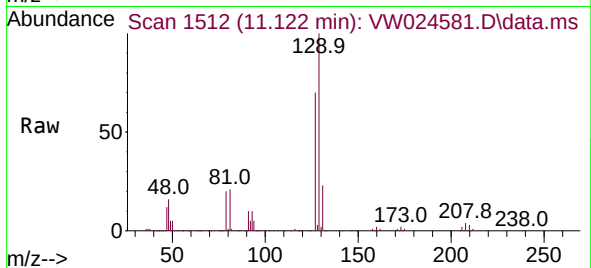
VSTD025564

Tgt Ion:129 Resp: 137083

Ion Ratio Lower Upper

129 100

127 69.8 56.1 104.1



#50

1,2-Dibromoethane

Concen: 25.486 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

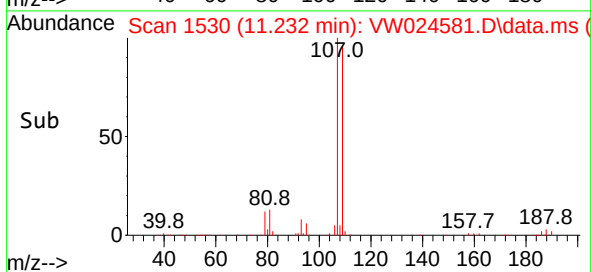
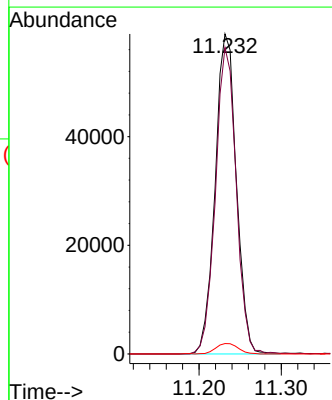
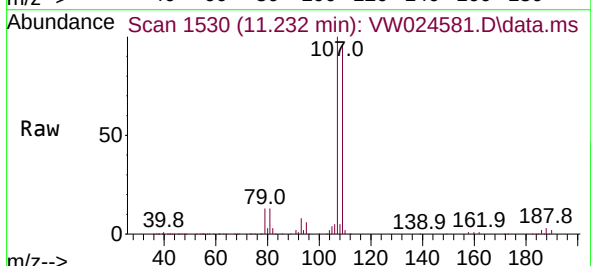
Tgt Ion:107 Resp: 105374

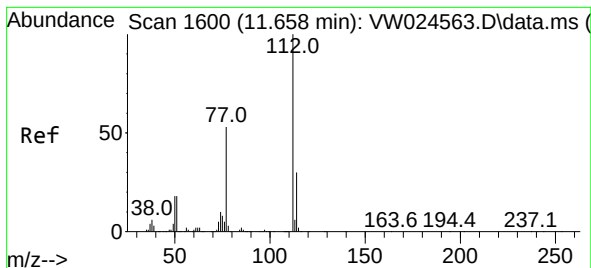
Ion Ratio Lower Upper

107 100

109 95.7 64.5 119.9

188 3.3 3.0 4.4

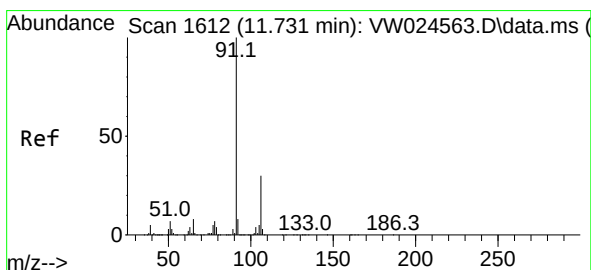
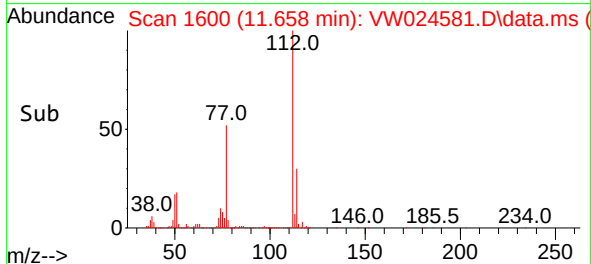
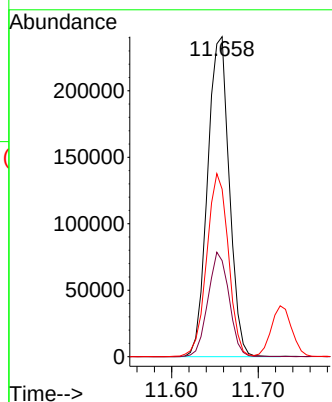
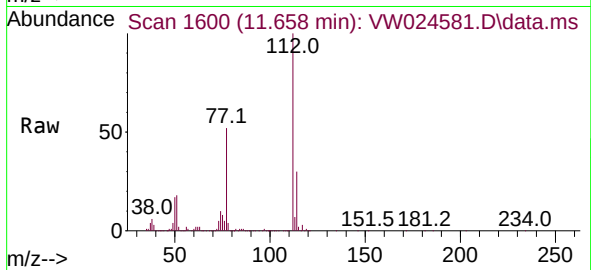




#51
Chlorobenzene
Concen: 26.931 ug/L
RT: 11.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

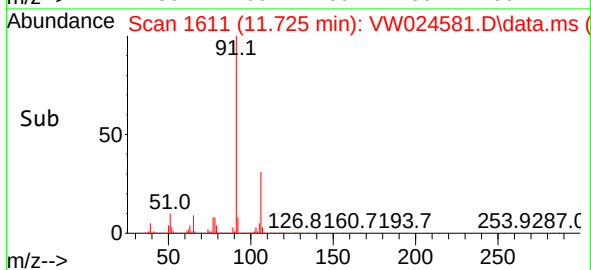
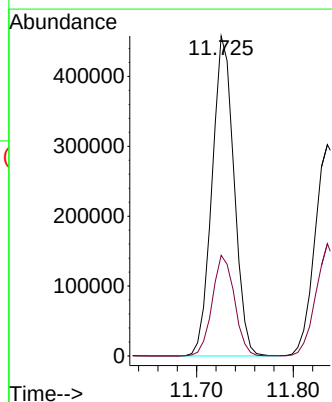
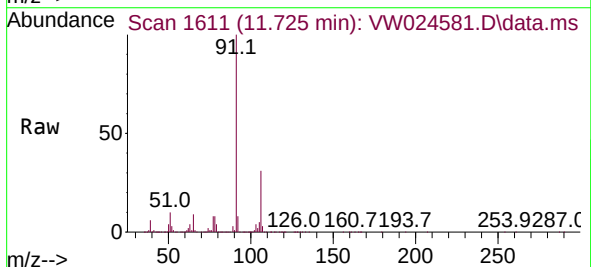
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

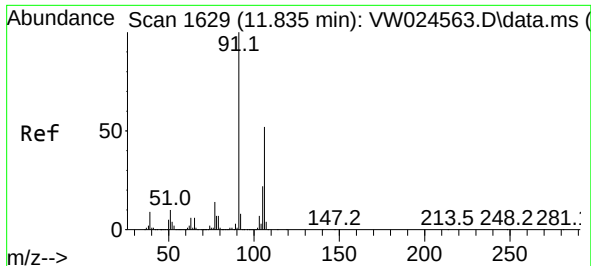
Tgt Ion:112 Resp: 418629
Ion Ratio Lower Upper
112 100
114 30.0 20.0 37.2
77 52.4 42.6 63.8



#52
Ethylbenzene
Concen: 28.295 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion: 91 Resp: 722833
Ion Ratio Lower Upper
91 100
106 31.4 23.8 44.2

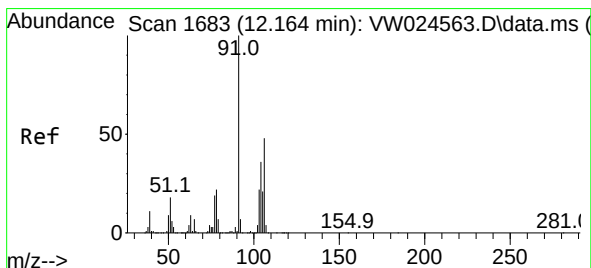
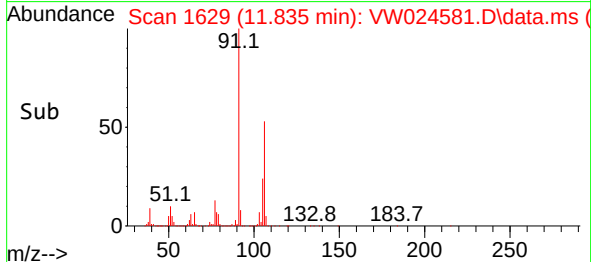
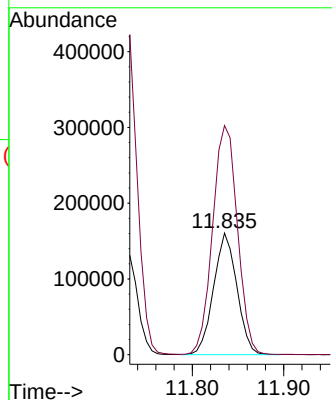
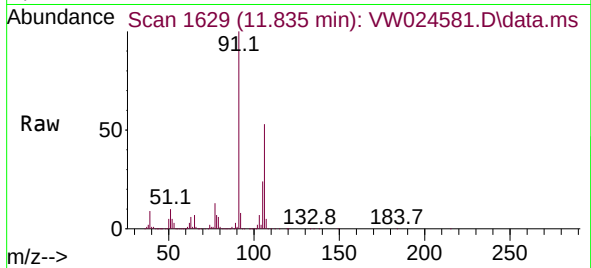




#53
m,p-Xylene
Concen: 28.472 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

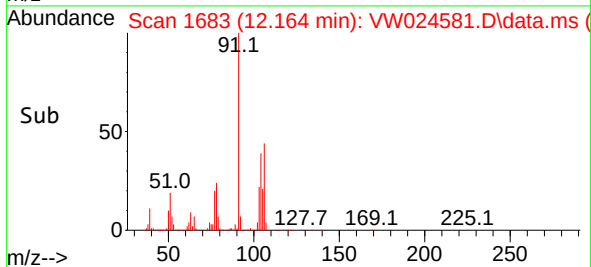
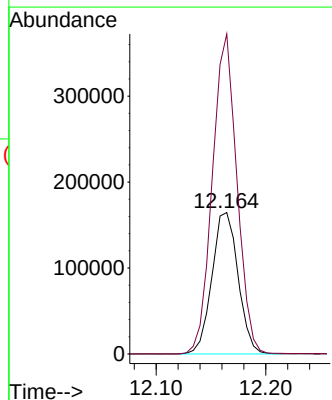
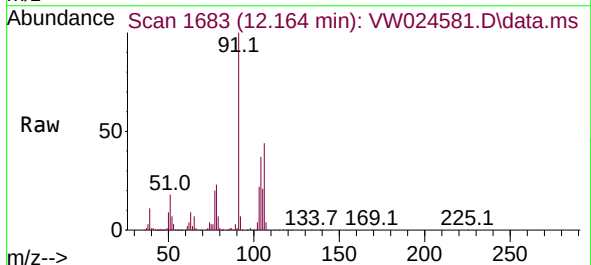
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

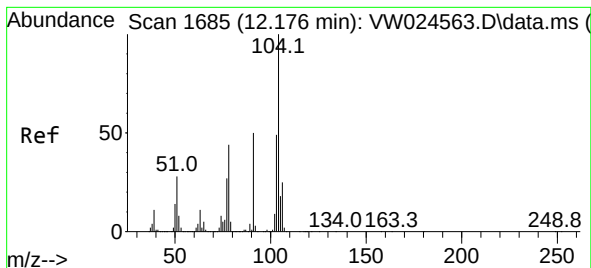
Tgt Ion:106 Resp: 284176
Ion Ratio Lower Upper
106 100
91 188.3 131.3 243.8



#54
o-Xylene
Concen: 28.729 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion:106 Resp: 273002
Ion Ratio Lower Upper
106 100
91 226.2 148.7 276.3





#55

Styrene

Concen: 29.115 ug/L

RT: 12.177 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

Instrument :

MSVOA_W

ClientSampleId :

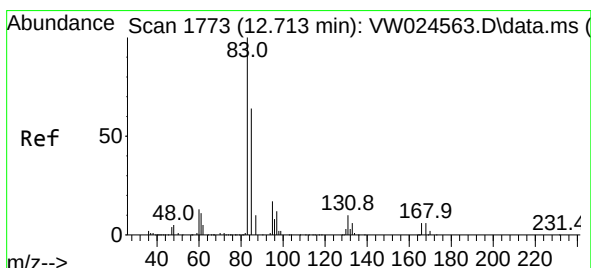
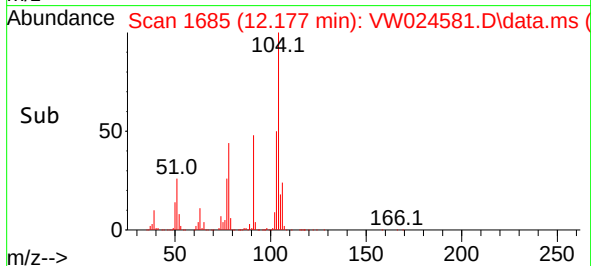
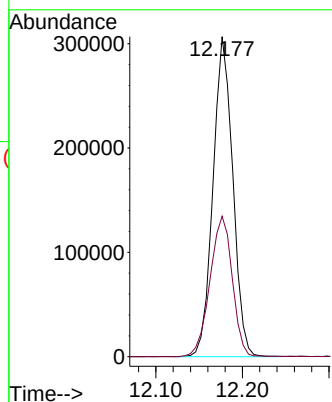
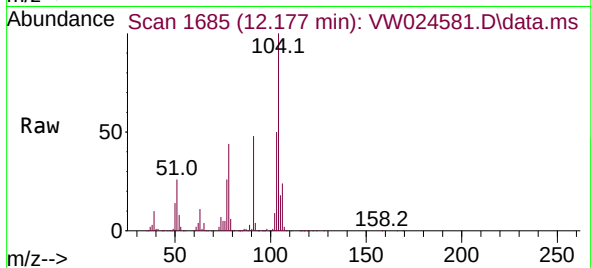
VSTD025564

Tgt Ion:104 Resp: 486992

Ion Ratio Lower Upper

104 100

78 43.9 33.0 61.4



#57

1,1,2,2-Tetrachloroethane

Concen: 25.850 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

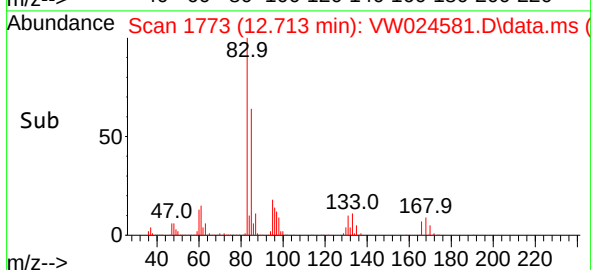
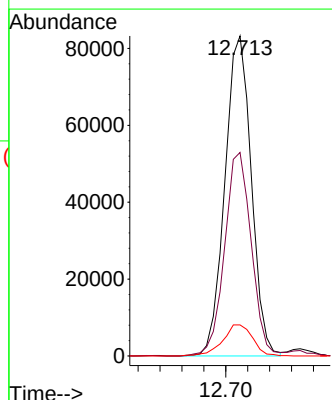
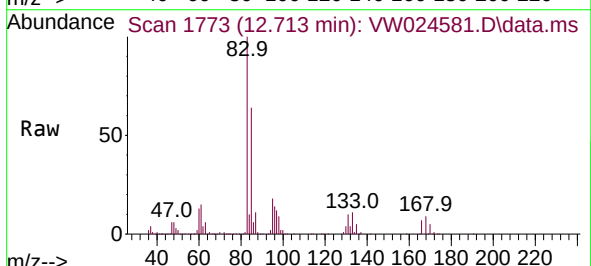
Tgt Ion: 83 Resp: 139415

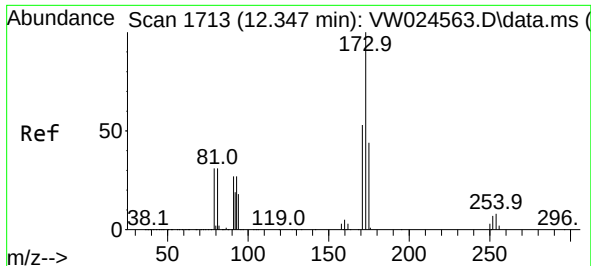
Ion Ratio Lower Upper

83 100

85 63.6 45.6 84.8

131 9.7 9.0 13.4

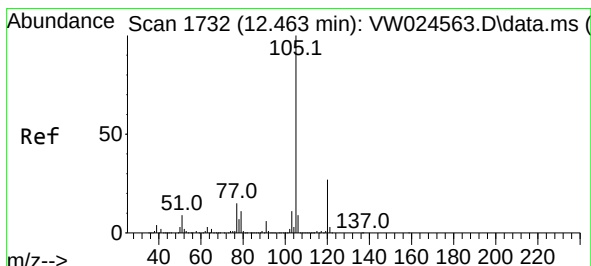
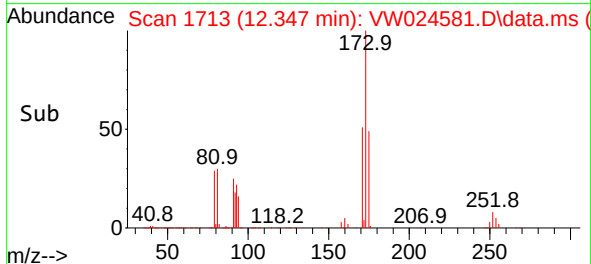
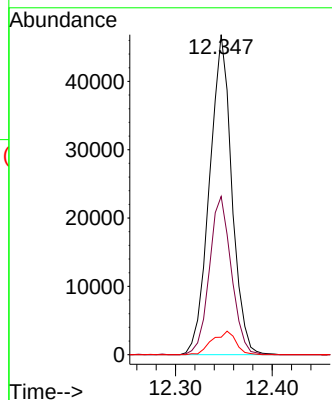
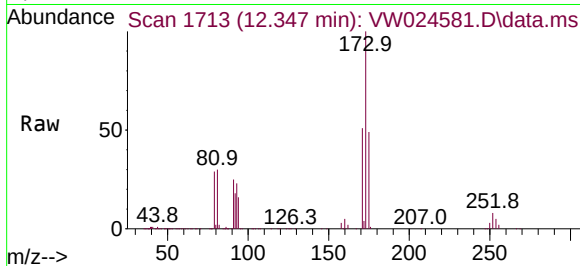




#59
Bromoform
Concen: 26.422 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

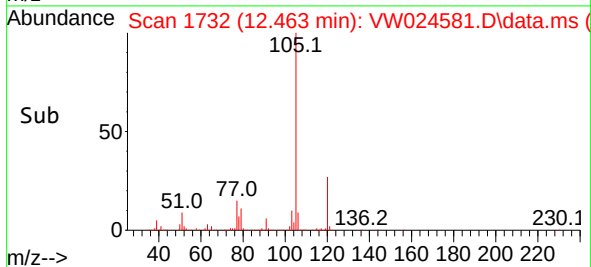
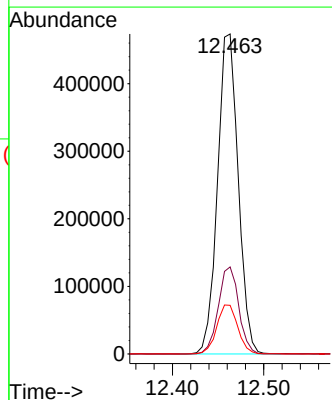
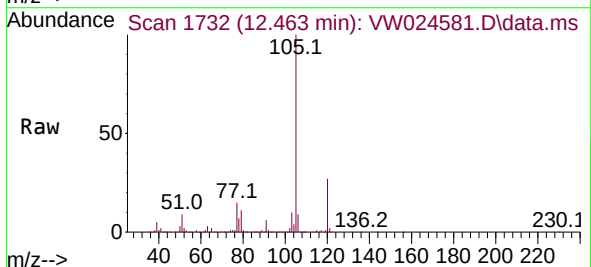
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

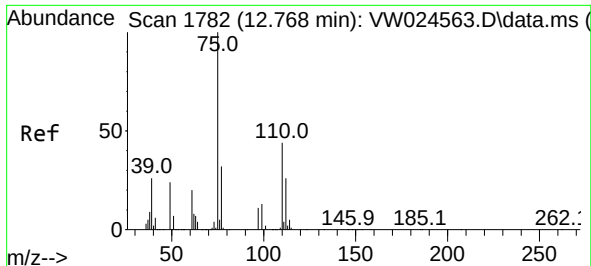
Tgt Ion:173 Resp: 75053
Ion Ratio Lower Upper
173 100
175 48.7 40.5 60.7
254 7.7 6.4 9.6



#60
Isopropylbenzene
Concen: 28.185 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion:105 Resp: 745739
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 15.6 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 24.204 ug/L

RT: 12.768 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

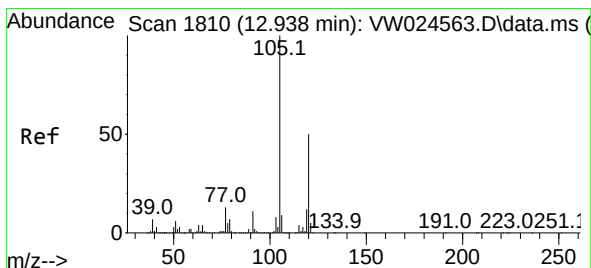
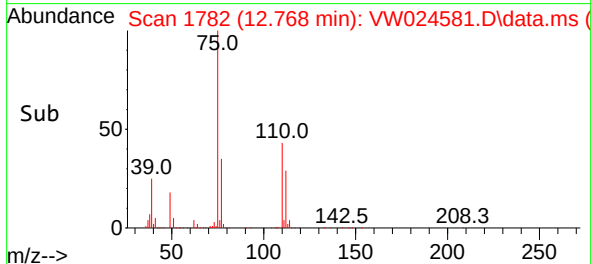
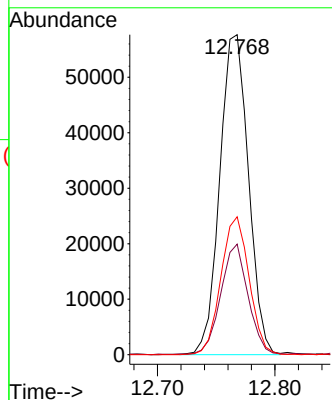
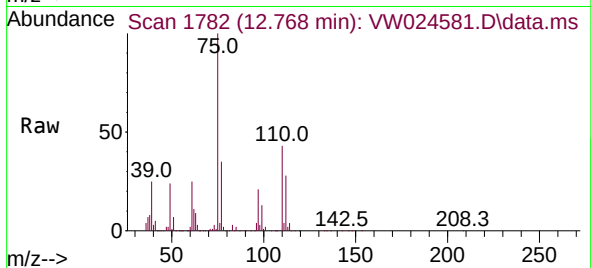
Tgt Ion: 75 Resp: 97856

Ion Ratio Lower Upper

75 100

77 32.7 26.8 40.2

110 42.4 33.8 50.8



#62

1,3,5-Trimethylbenzene

Concen: 28.868 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024581.D

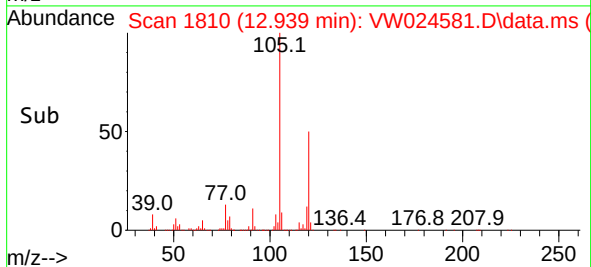
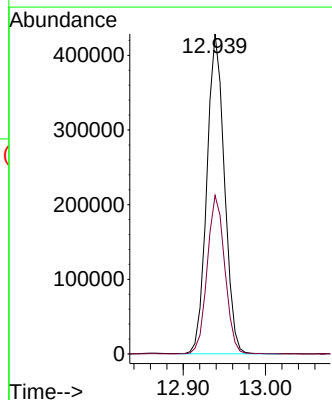
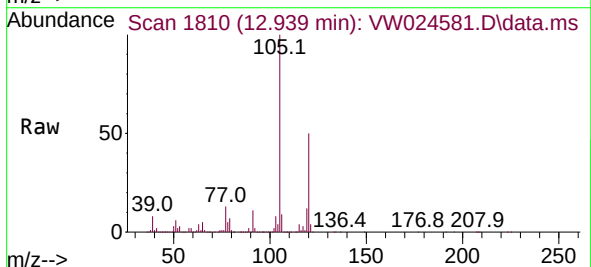
Acq: 08 Sep 2022 10:26

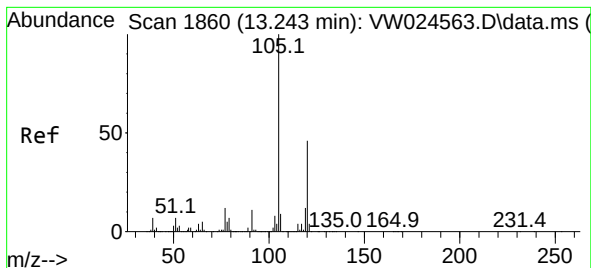
Tgt Ion: 105 Resp: 634278

Ion Ratio Lower Upper

105 100

120 49.7 39.5 59.3





#63

1,2,4-Trimethylbenzene

Concen: 28.757 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

Instrument :

MSVOA_W

ClientSampleId :

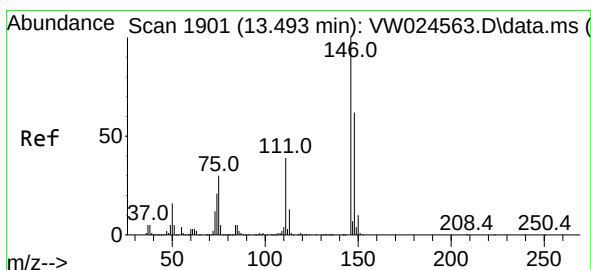
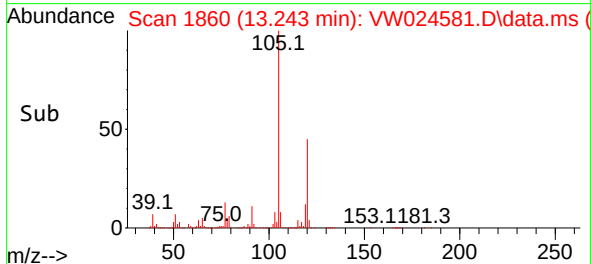
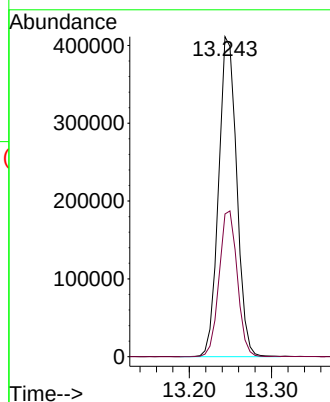
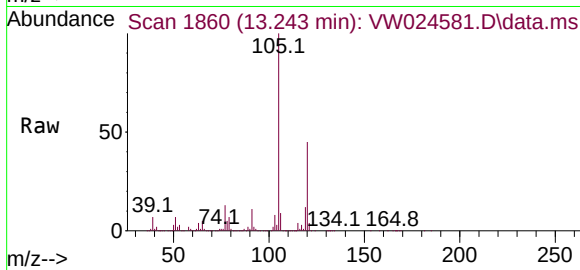
VSTD025564

Tgt Ion:105 Resp: 628850

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1



#64

1,3-Dichlorobenzene

Concen: 28.148 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024581.D

Acq: 08 Sep 2022 10:26

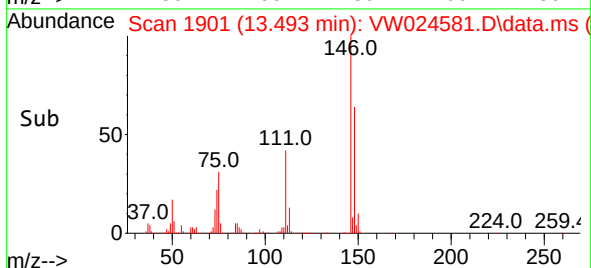
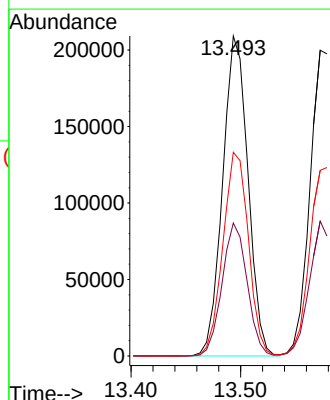
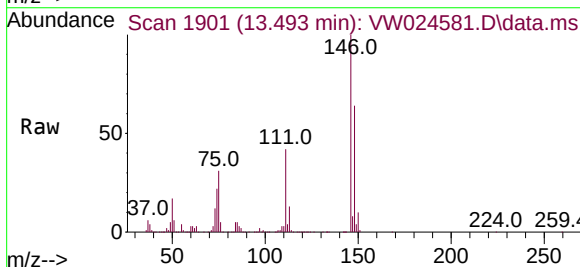
Tgt Ion:146 Resp: 335576

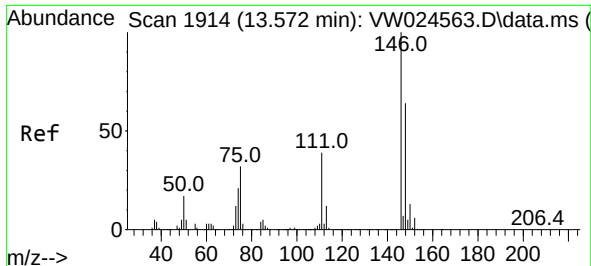
Ion Ratio Lower Upper

146 100

111 41.6 28.3 52.5

148 63.7 42.2 78.4

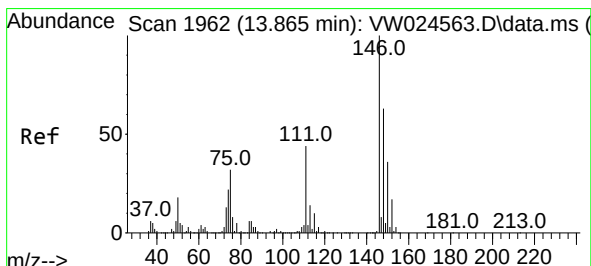
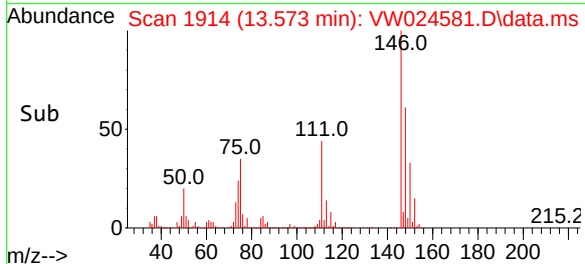
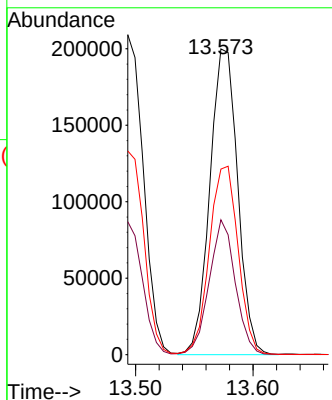
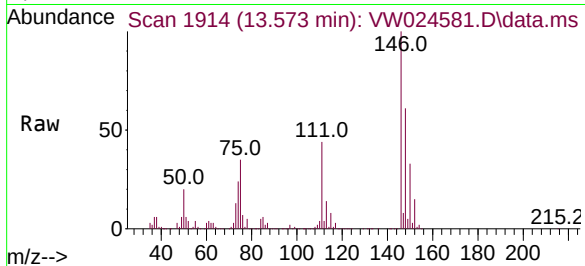




#65
1,4-Dichlorobenzene
Concen: 26.281 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

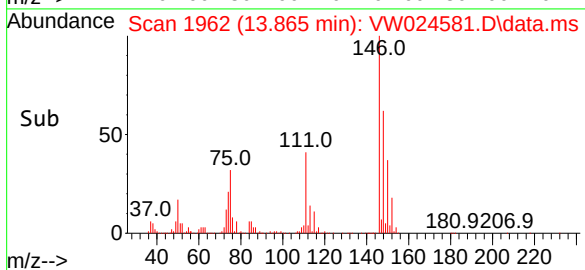
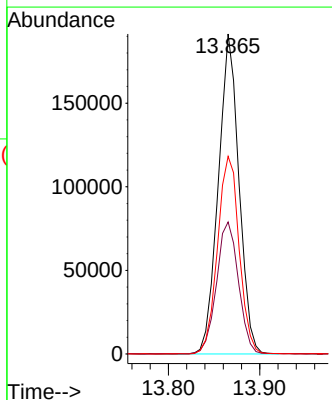
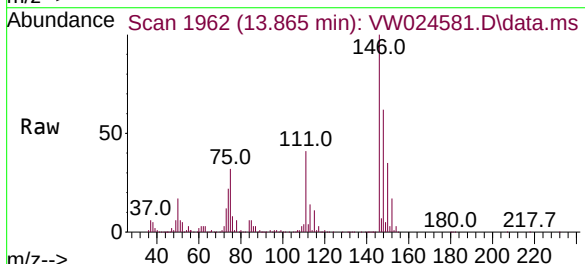
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

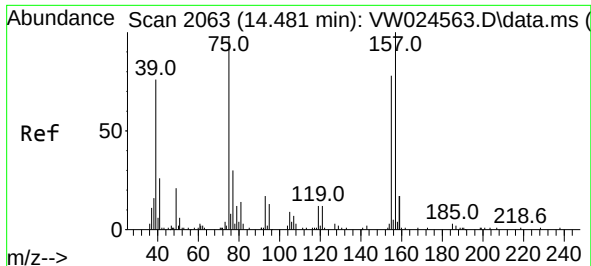
Tgt Ion:146 Resp: 330250
Ion Ratio Lower Upper
146 100
111 44.1 29.3 54.3
148 60.7 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 27.049 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion:146 Resp: 300720
Ion Ratio Lower Upper
146 100
111 41.3 32.2 48.4
148 61.8 48.3 72.5

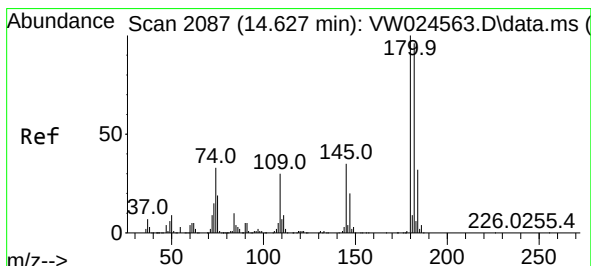
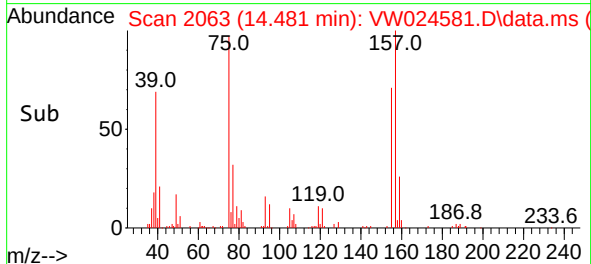
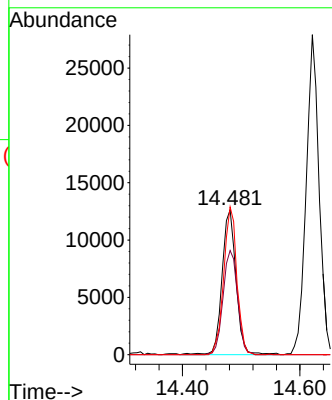
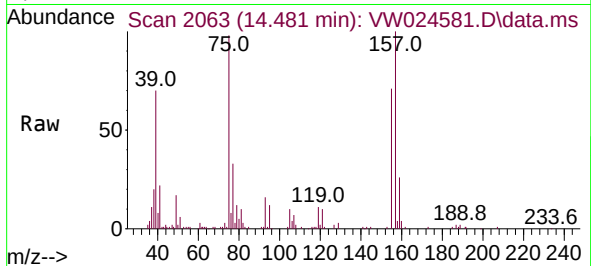




#68
1,2-Dibromo-3-chloropropane
Concen: 21.859 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

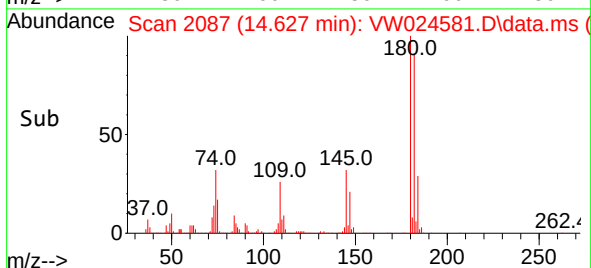
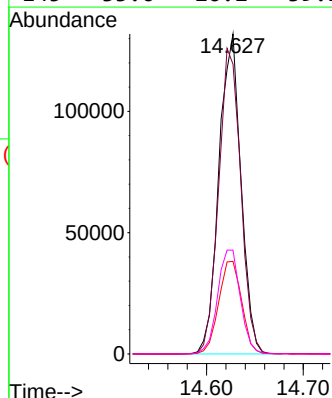
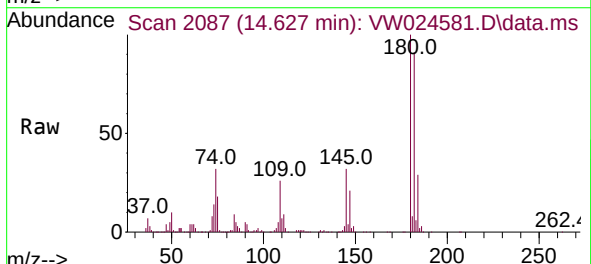
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

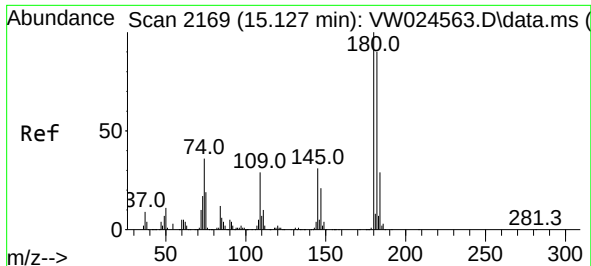
Tgt Ion: 75 Resp: 20910
Ion Ratio Lower Upper
75 100
155 71.9 66.3 99.5
157 102.0 77.6 116.4



#69
1,3,5-Trichlorobenzene
Concen: 26.910 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion: 180 Resp: 208376
Ion Ratio Lower Upper
180 100
182 95.6 72.4 108.6
184 30.2 22.8 34.2
145 33.6 26.2 39.2

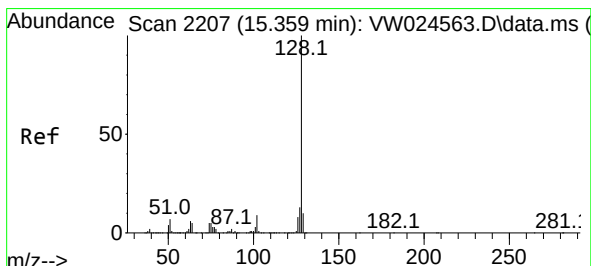
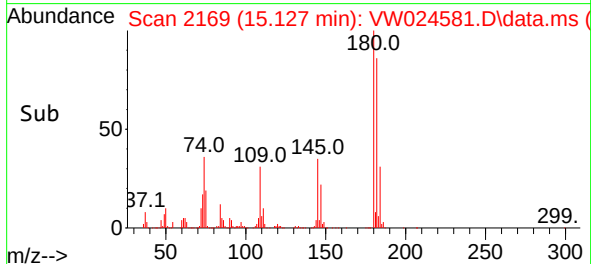
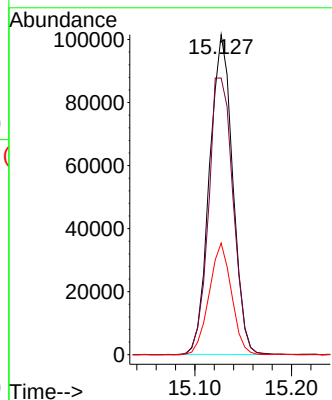
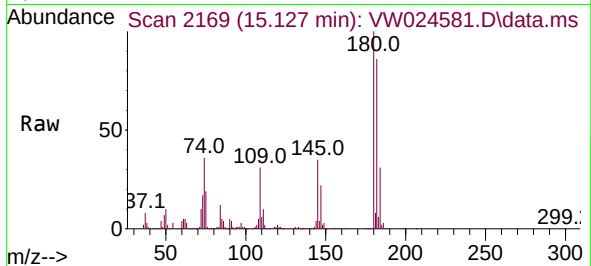




#70
1,2,4-trichlorobenzene
Concen: 27.545 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

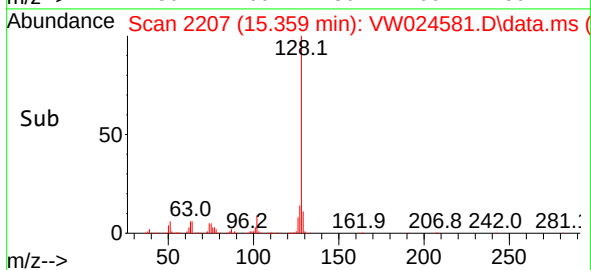
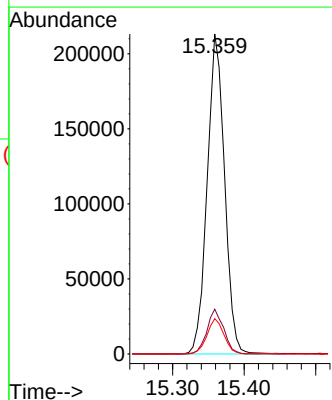
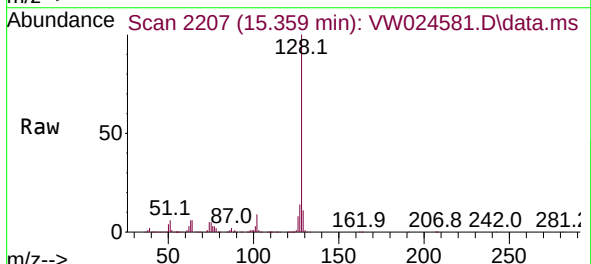
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

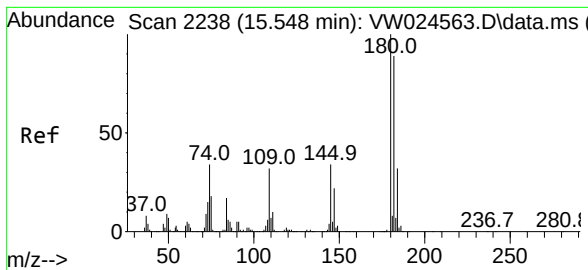
Tgt Ion:180 Resp: 169251
Ion Ratio Lower Upper
180 100
182 91.8 73.8 110.6
145 33.6 26.6 39.8



#71
Naphthalene
Concen: 26.482 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024581.D
Acq: 08 Sep 2022 10:26

Tgt Ion:128 Resp: 359999
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.8 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 26.233 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW024581.D
 Acq: 08 Sep 2022 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

Tgt Ion:	180	Resp:	149962
Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.7	118.1
145	34.2	28.1	42.1

