

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081522\
 Data File : VW024235.D
 Acq On : 15 Aug 2022 14:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

Quant Time: Aug 16 01:14:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 12 23:04:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	266239	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	273034	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	161494	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	119351	21.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.800%
7) Chloroethane-d5	2.867	69	83289	24.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.120%
11) 1,1-Dichloroethene-d2	4.007	63	132329	20.865	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.440%
21) 2-Butanone-d5	7.080	46	56044	54.130	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.260%
24) Chloroform-d	7.641	84	194413	24.133	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	8.299	65	104783	23.428	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.720%
32) Benzene-d6	8.269	84	348923	21.669	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.680%
36) 1,2-Dichloropropane-d6	9.268	67	110256	23.191	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	10.317	98	341650	22.700	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	10.573	79	49206	23.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.520%
47) 2-Hexanone-d5	10.921	63	46087	52.482	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.960%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	123143	26.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	13.847	152	147121	24.895	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	56333	24.050	ug/L	97
3) Chloromethane	2.209	50	113181	25.764	ug/L	98
5) Vinyl chloride	2.349	62	168302	27.522	ug/L	97
6) Bromomethane	2.763	94	102723	29.297	ug/L	88
8) Chloroethane	2.910	64	75179	28.066	ug/L	99
9) Trichlorofluoromethane	3.239	101	70466	24.308	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	89689	22.940	ug/L	96
12) 1,1-Dichloroethene	4.025	96	75410	23.560	ug/L	93
13) Acetone	4.117	43	41430	54.351	ug/L	68
14) Carbon disulfide	4.367	76	204783	19.994	ug/L	96
15) Methyl Acetate	4.666	43	40345	23.498	ug/L	99
16) Methylene chloride	4.903	84	100094	21.319	ug/L	94
17) trans-1,2-Dichloroethene	5.409	96	88047	23.820	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	151826	28.805	ug/L	99
19) 1,1-Dichloroethane	6.202	63	171142	26.285	ug/L	99
20) cis-1,2-Dichloroethene	7.159	96	102034	25.135	ug/L #	98
22) 2-Butanone	7.165	43	61557	47.924	ug/L	100
23) Bromochloromethane	7.507	128	47825	23.657	ug/L	92
25) Chloroform	7.671	83	192273	26.798	ug/L	96

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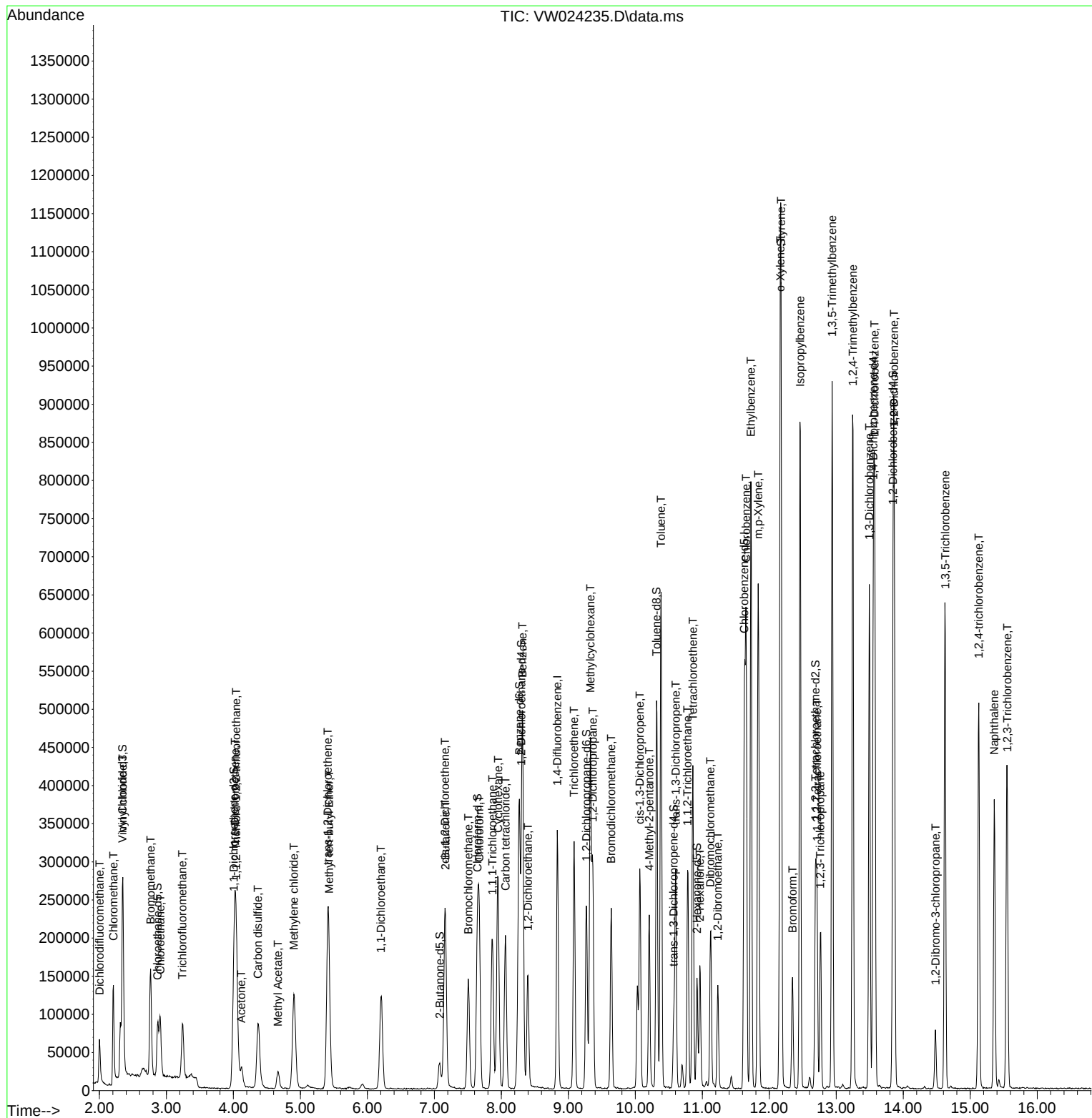
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	128717	26.661	ug/L	100
29) Cyclohexane	7.952	56	141144	25.215	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	158558	25.751	ug/L	99
31) Carbon tetrachloride	8.061	117	143042	24.625	ug/L	96
33) Benzene	8.317	78	411564	25.522	ug/L	100
34) Trichloroethene	9.086	95	108600	25.479	ug/L	95
35) Methylcyclohexane	9.329	83	178625	26.724	ug/L	96
37) 1,2-Dichloropropane	9.366	63	106219	26.646	ug/L	100
38) Bromodichloromethane	9.640	83	149571	26.752	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	162898	27.777	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	136779	51.701	ug/L	99
42) Toluene	10.384	91	471791	27.532	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	151075	28.193	ug/L	98
45) 1,1,2-Trichloroethane	10.780	97	89669	26.688	ug/L	95
46) Tetrachloroethene	10.860	164	86758	25.142	ug/L	88
48) 2-Hexanone	10.963	43	97237	54.158	ug/L	98
49) Dibromochloromethane	11.122	129	107909	26.678	ug/L	94
50) 1,2-Dibromoethane	11.231	107	83561	25.958	ug/L	95
51) Chlorobenzene	11.652	112	316756	27.054	ug/L	94
52) Ethylbenzene	11.725	91	537117	28.608	ug/L	100
53) m,p-Xylene	11.835	106	212097	29.022	ug/L	95
54) o-Xylene	12.164	106	204894	29.676	ug/L	91
55) Styrene	12.176	104	362393	30.179	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	115115	27.415	ug/L	98
59) Bromoform	12.347	173	62760	25.478	ug/L	98
60) Isopropylbenzene	12.463	105	559700	28.629	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	80515	25.052	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	471584	29.190	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	468579	29.450	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	265264	27.709	ug/L	92
65) 1,4-Dichlorobenzene	13.573	146	270420	26.676	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	251283	27.642	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18045	24.031	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	186515	29.712	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	156531	31.137	ug/L	99
71) Naphthalene	15.359	128	307253	31.378	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	137551	30.054	ug/L	93

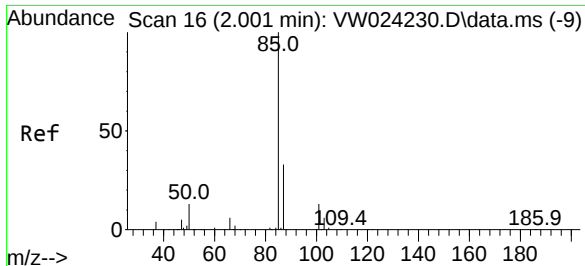
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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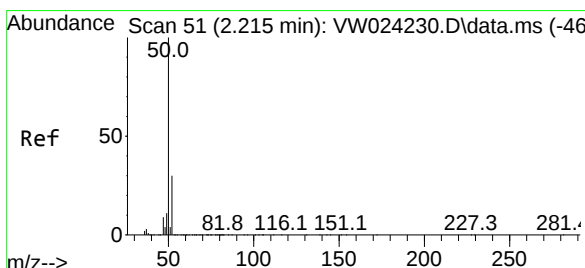
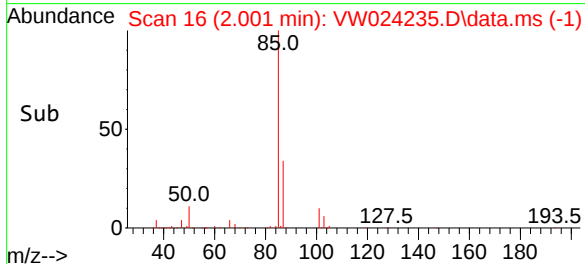
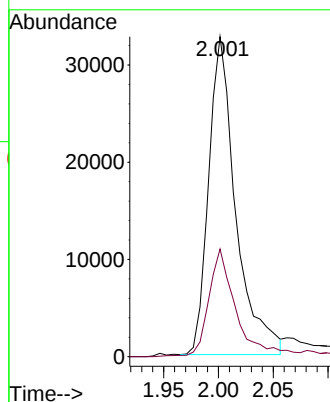
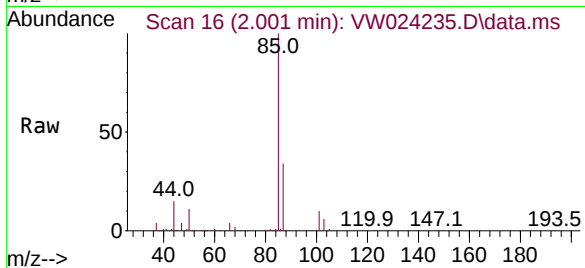




#2
Dichlorodifluoromethane
Concen: 24.050 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

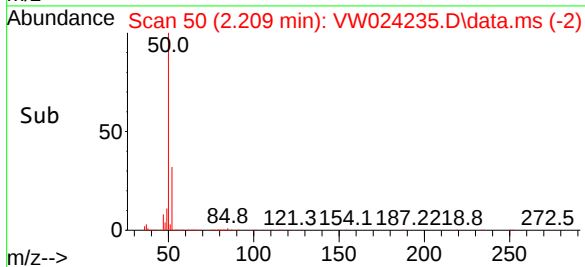
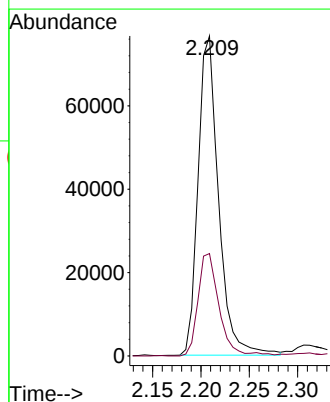
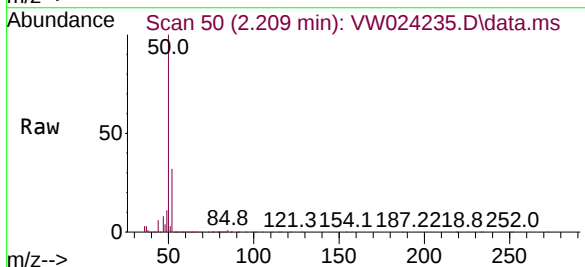
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MSVOA_W
ClientSampleId :
VSTD025534

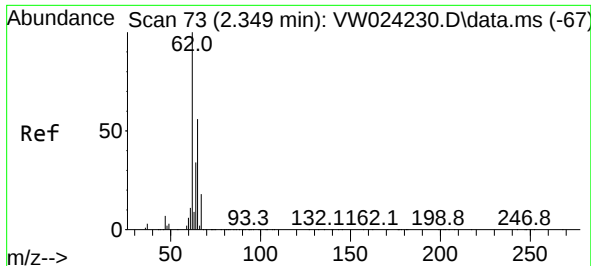
Tgt Ion: 85 Resp: 56333
Ion Ratio Lower Upper
85 100
87 32.5 24.5 36.7



#3
Chloromethane
Concen: 25.764 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion: 50 Resp: 113181
Ion Ratio Lower Upper
50 100
52 32.0 23.2 43.2

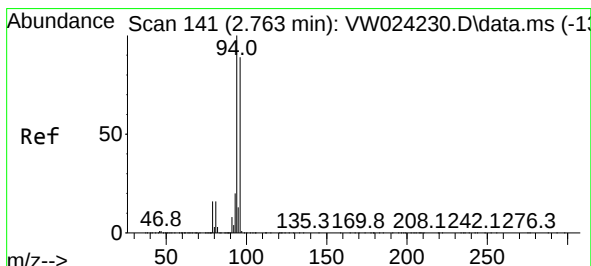
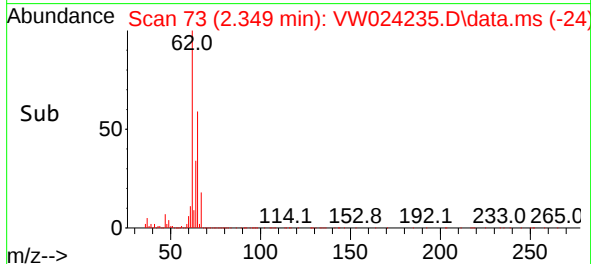
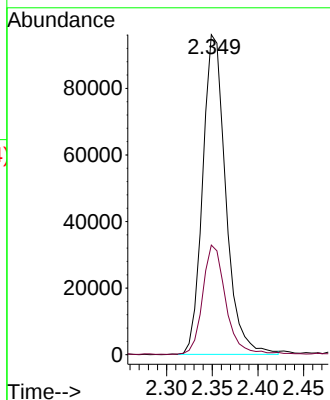
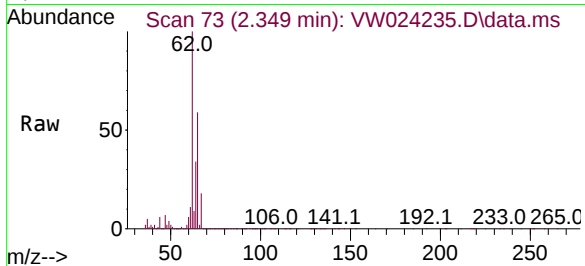




#5
 Vinyl chloride
 Concen: 27.522 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024235.D
 Acq: 15 Aug 2022 14:31

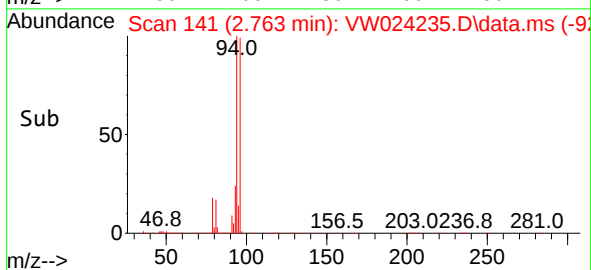
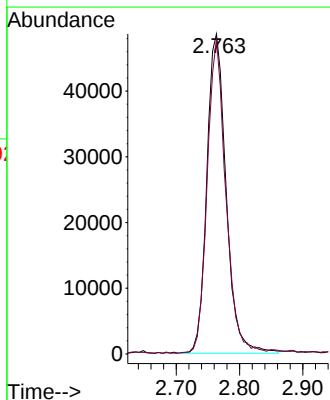
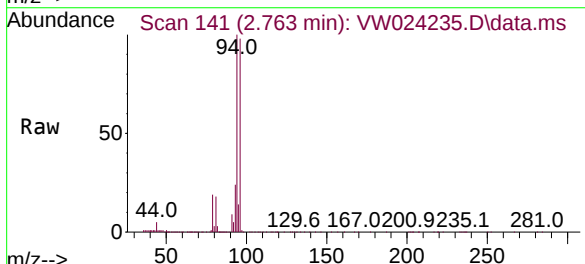
Instrument :
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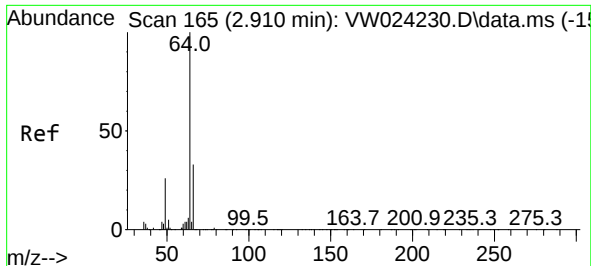
Tgt Ion: 62 Resp: 168302
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.7 42.3



#6
 Bromomethane
 Concen: 29.297 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024235.D
 Acq: 15 Aug 2022 14:31

Tgt Ion: 94 Resp: 102723
 Ion Ratio Lower Upper
 94 100
 96 98.5 61.0 113.4

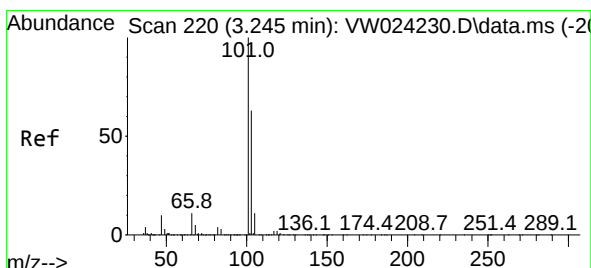
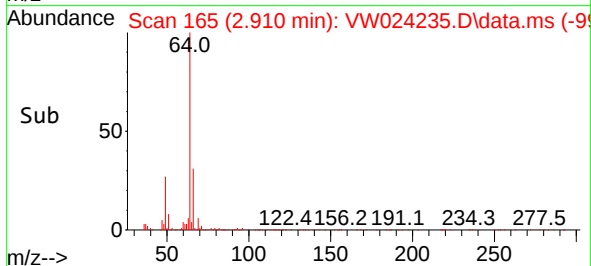
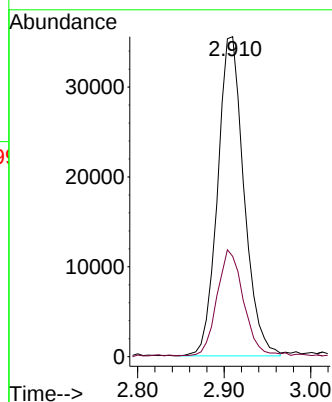
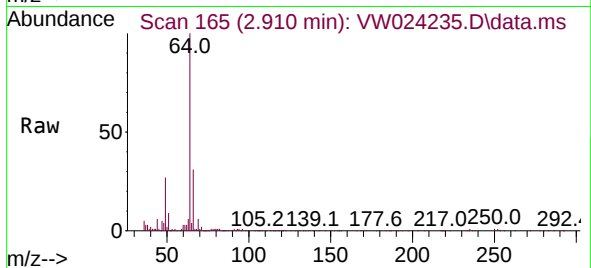




#8
Chloroethane
Concen: 28.066 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

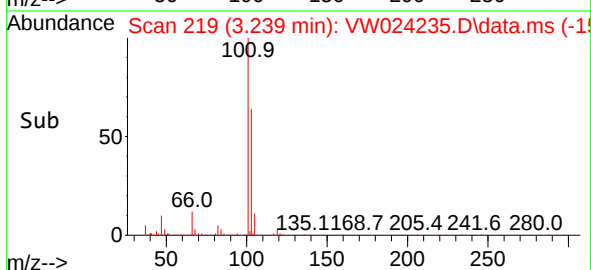
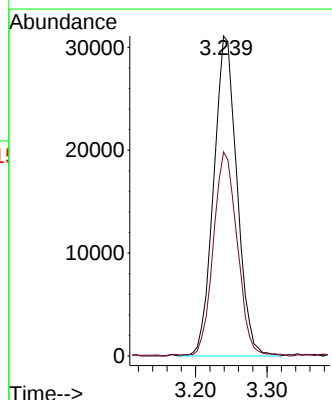
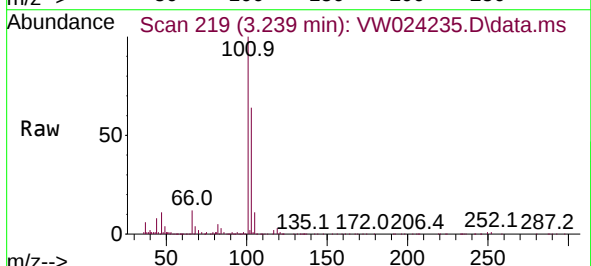
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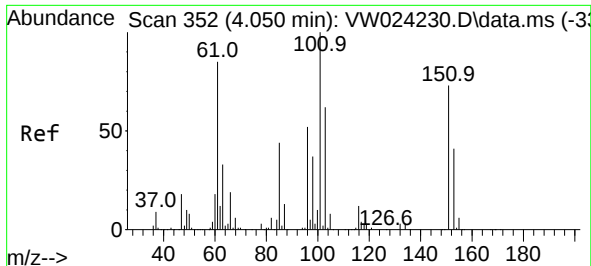
Tgt Ion: 64 Resp: 75179
Ion Ratio Lower Upper
64 100
66 31.3 21.6 40.0



#9
Trichlorofluoromethane
Concen: 24.308 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion: 101 Resp: 70466
Ion Ratio Lower Upper
101 100
103 65.1 50.5 75.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.940 ug/L

RT: 4.044 min Scan# 352

Delta R.T. -0.006 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

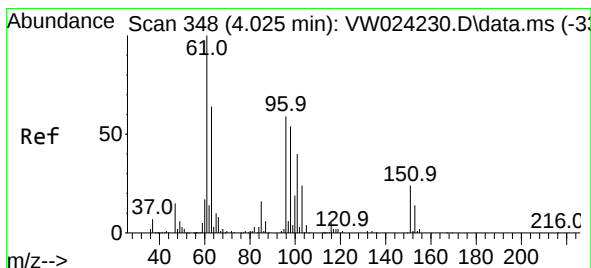
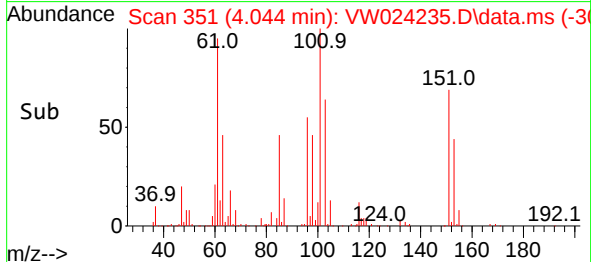
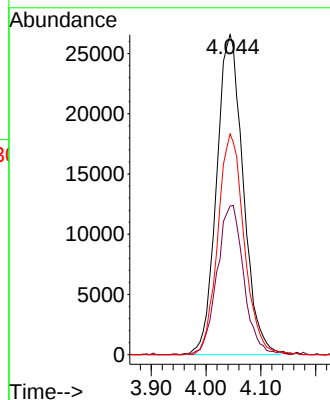
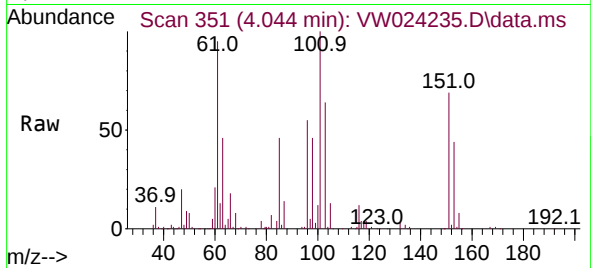
Tgt Ion:101 Resp: 89689

Ion Ratio Lower Upper

101 100

85 46.6 34.9 52.3

151 68.2 57.0 85.6



#12

1,1-Dichloroethene

Concen: 23.560 ug/L

RT: 4.025 min Scan# 348

Delta R.T. 0.000 min

Lab File: VW024235.D

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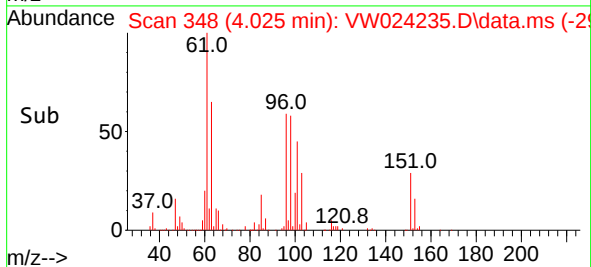
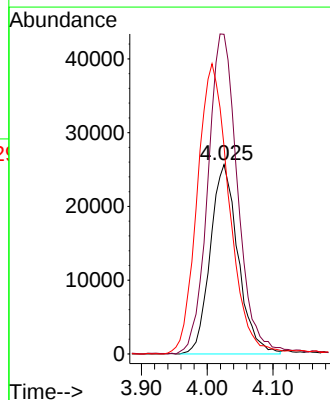
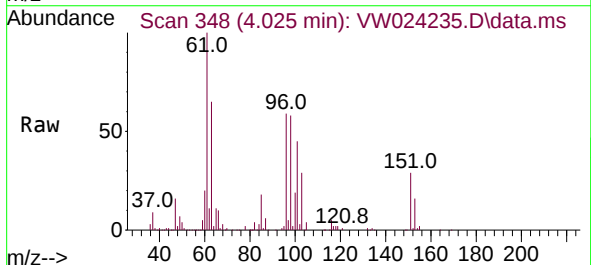
Tgt Ion: 96 Resp: 75410

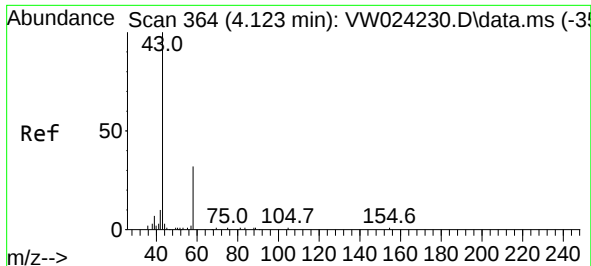
Ion Ratio Lower Upper

96 100

61 168.7 123.1 228.5

63 109.6 84.9 157.7

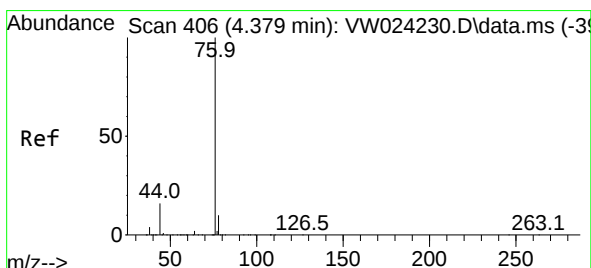
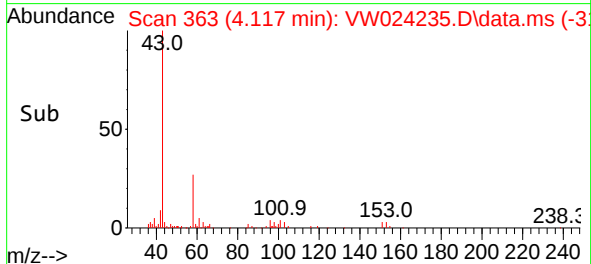
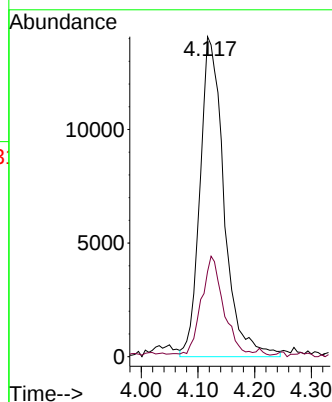
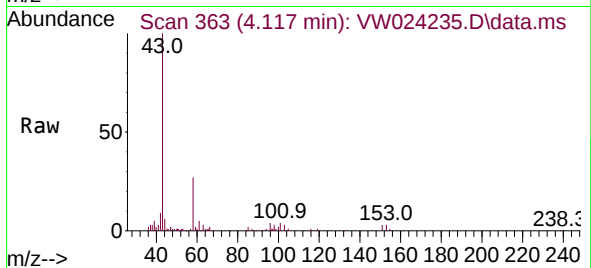




#13
Acetone
Concen: 54.351 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
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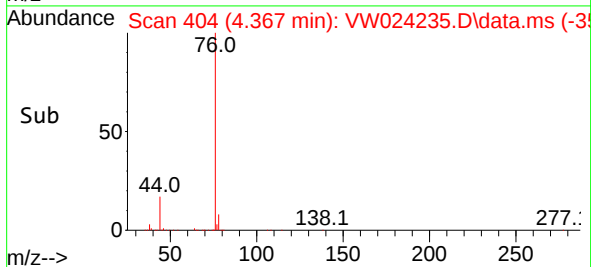
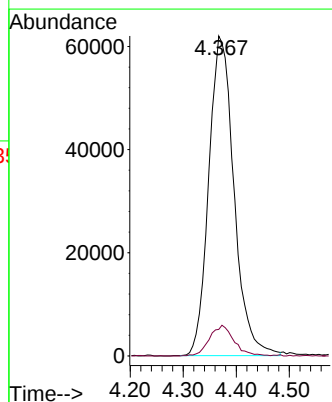
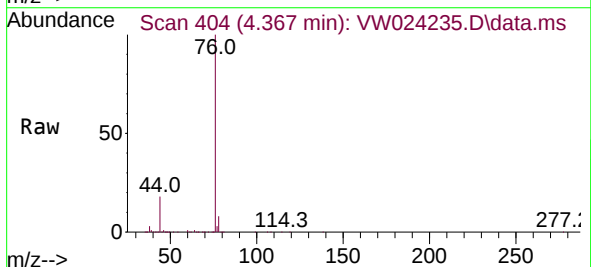
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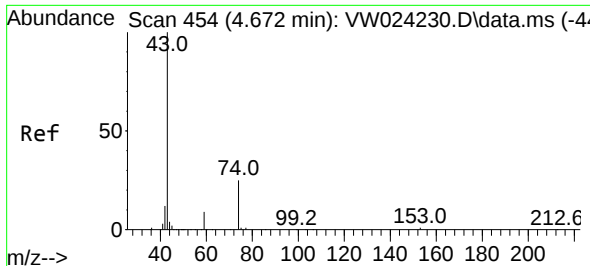
Tgt Ion: 43 Resp: 41430
Ion Ratio Lower Upper
43 100
58 29.3 0.0 31.8



#14
Carbon disulfide
Concen: 19.994 ug/L
RT: 4.367 min Scan# 404
Delta R.T. -0.012 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion: 76 Resp: 204783
Ion Ratio Lower Upper
76 100
78 8.3 7.9 11.9

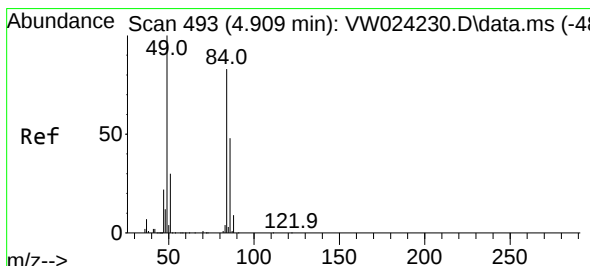
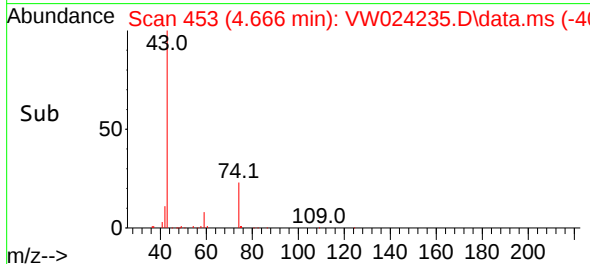
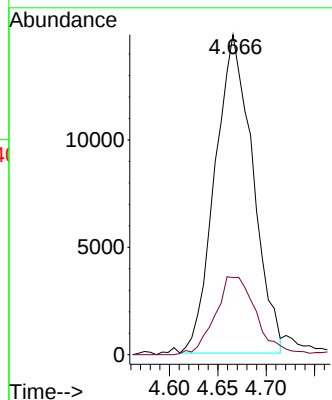
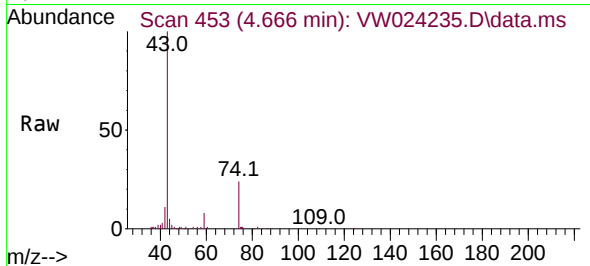




#15
Methyl Acetate
Concen: 23.498 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

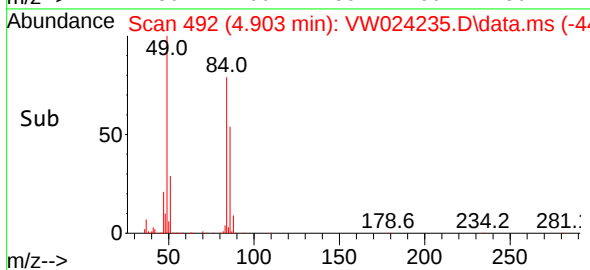
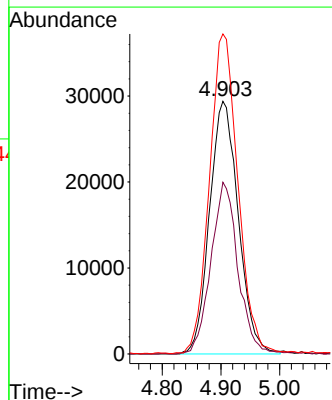
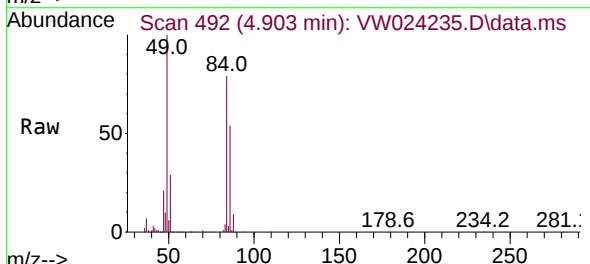
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

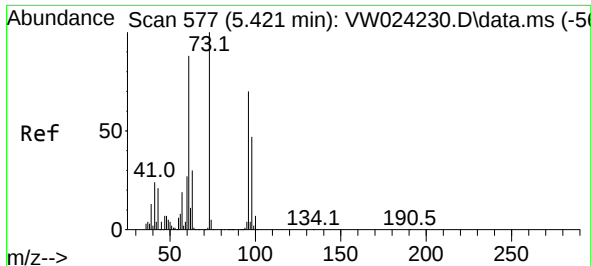
Tgt Ion: 43 Resp: 40345
Ion Ratio Lower Upper
43 100
74 26.5 21.5 32.3



#16
Methylene chloride
Concen: 21.319 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion: 84 Resp: 100094
Ion Ratio Lower Upper
84 100
86 68.0 42.8 79.6
49 126.6 85.3 158.3

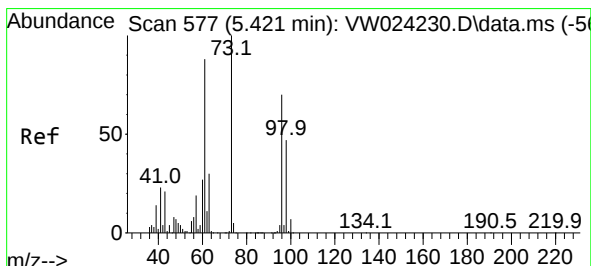
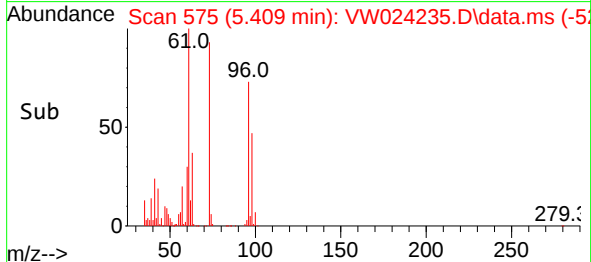
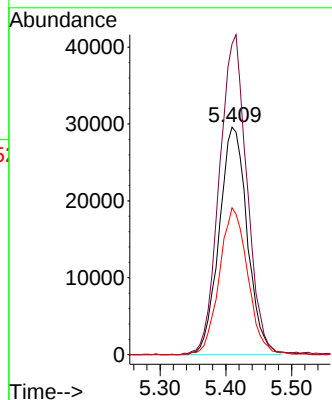
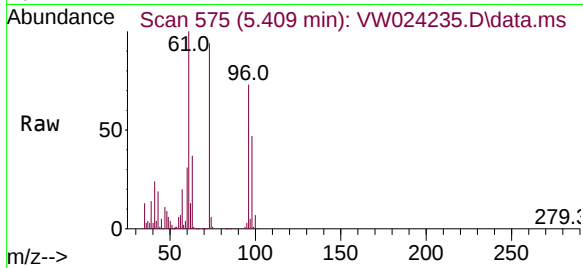




#17
trans-1,2-Dichloroethene
Concen: 23.820 ug/L
RT: 5.409 min Scan# 575
Delta R.T. -0.012 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

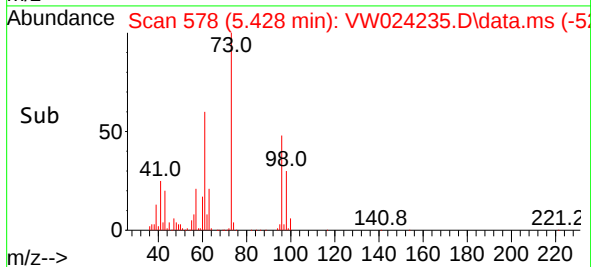
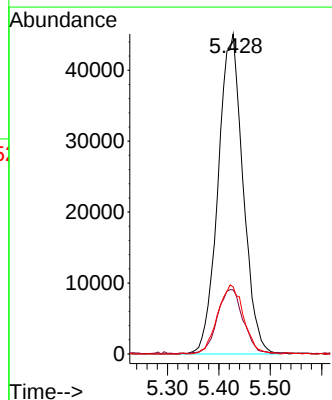
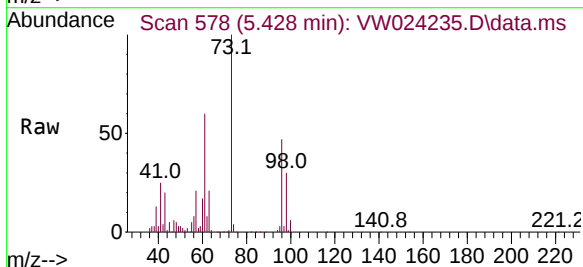
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

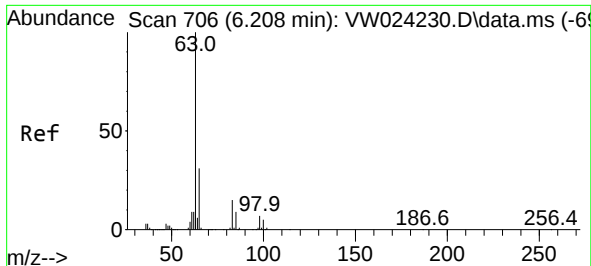
Tgt Ion: 96 Resp: 88047
Ion Ratio Lower Upper
96 100
61 136.5 93.0 172.8
98 64.6 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 28.805 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion: 73 Resp: 151826
Ion Ratio Lower Upper
73 100
43 21.1 16.6 24.8
57 22.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 26.285 ug/L

RT: 6.202 min Scan# 706

Delta R.T. -0.006 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

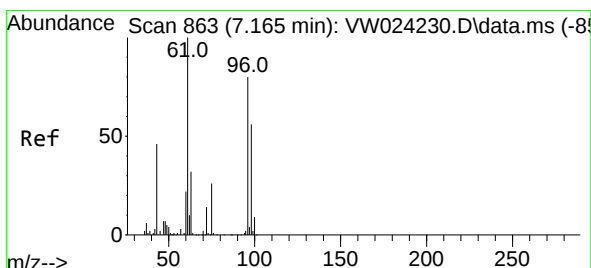
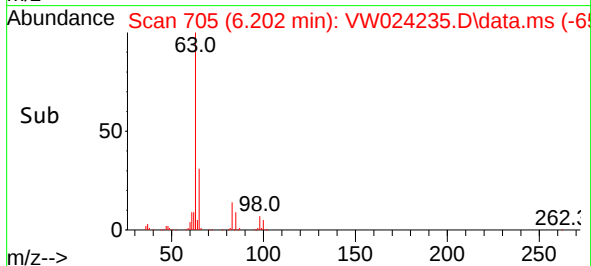
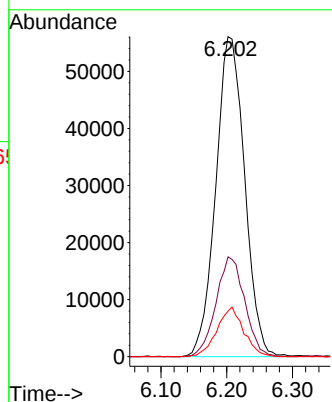
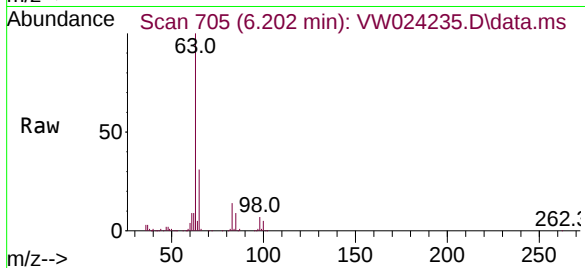
Tgt Ion: 63 Resp: 171142

Ion Ratio Lower Upper

63 100

65 31.2 22.0 41.0

83 14.2 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 25.135 ug/L

RT: 7.159 min Scan# 862

Delta R.T. -0.006 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

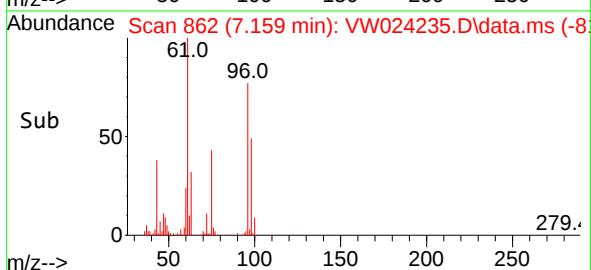
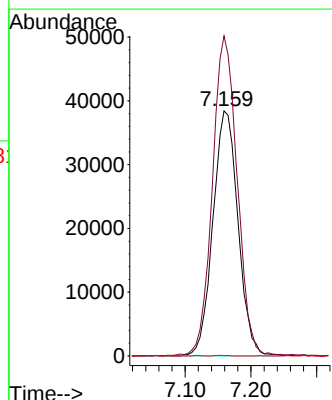
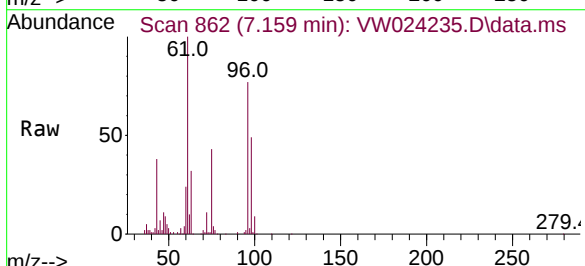
Tgt Ion: 96 Resp: 102034

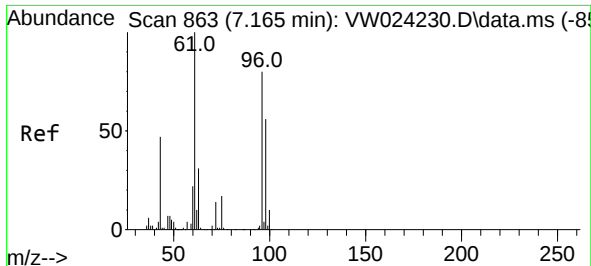
Ion Ratio Lower Upper

96 100

61 130.5 89.5 166.3

68 0.2 0.1 0.1#

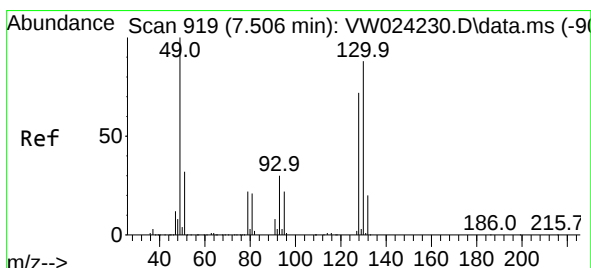
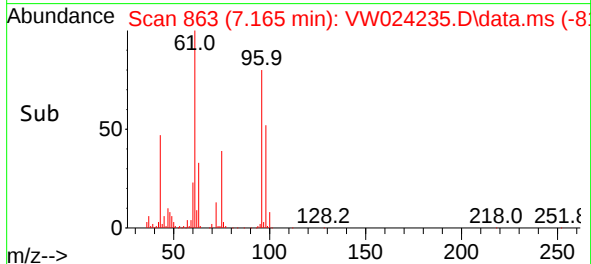
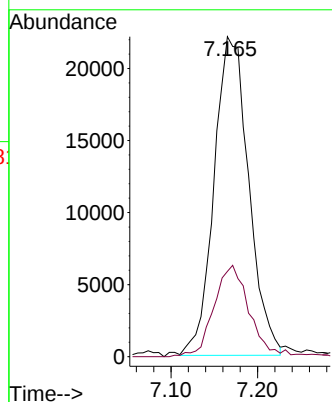
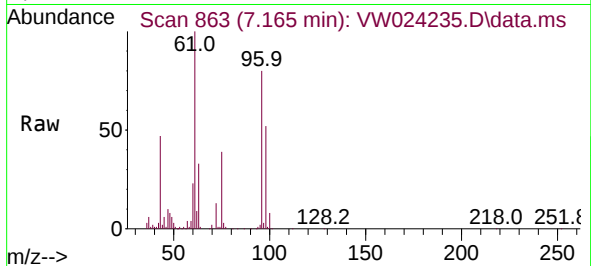




#22
2-Butanone
Concen: 47.924 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

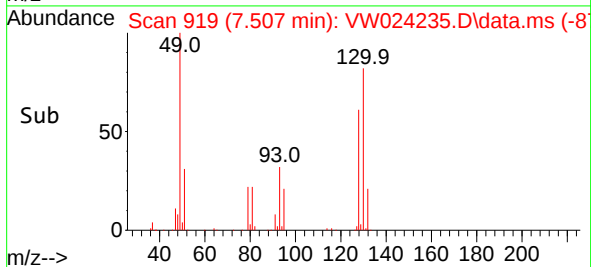
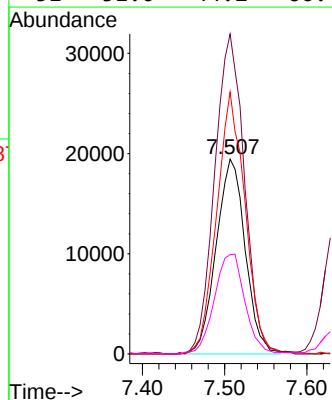
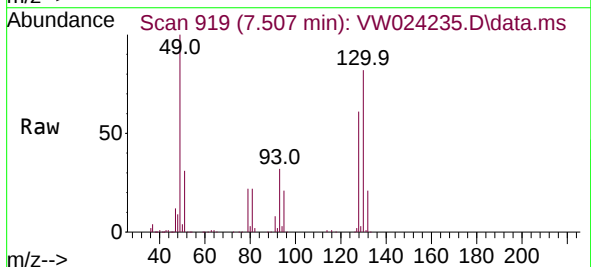
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

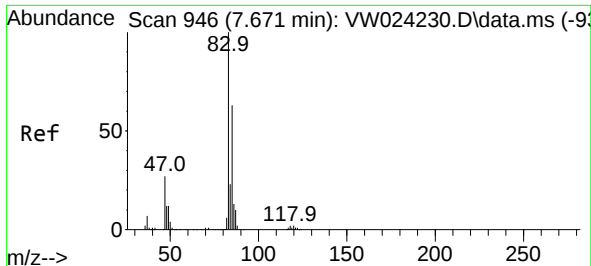
Tgt Ion: 43 Resp: 61557
Ion Ratio Lower Upper
43 100
72 28.6 14.3 42.9



#23
Bromochloromethane
Concen: 23.657 ug/L
RT: 7.507 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion: 128 Resp: 47825
Ion Ratio Lower Upper
128 100
49 164.2 106.6 198.0
130 134.4 88.1 163.5
51 51.0 44.2 66.4

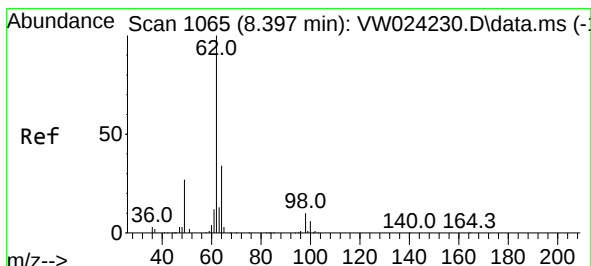
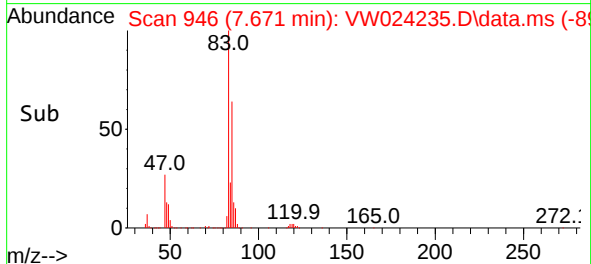
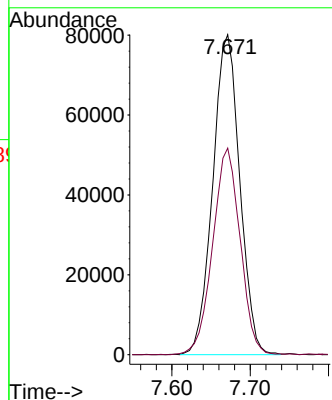
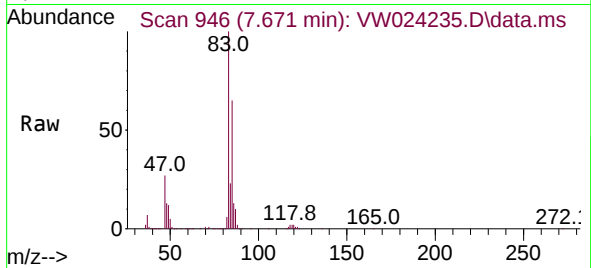




#25
Chloroform
Concen: 26.798 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

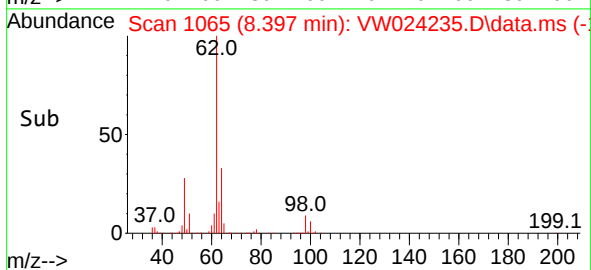
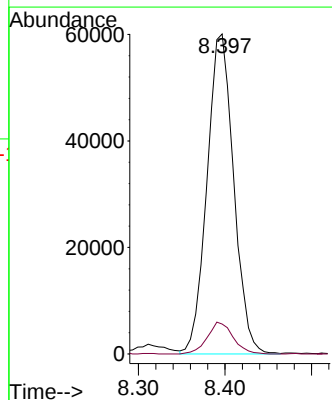
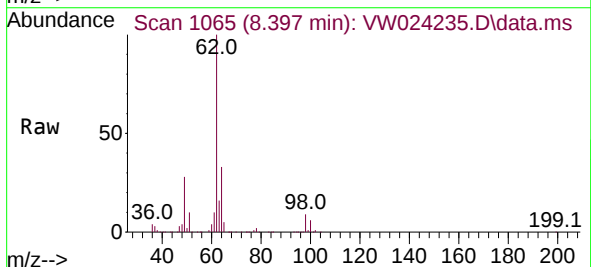
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

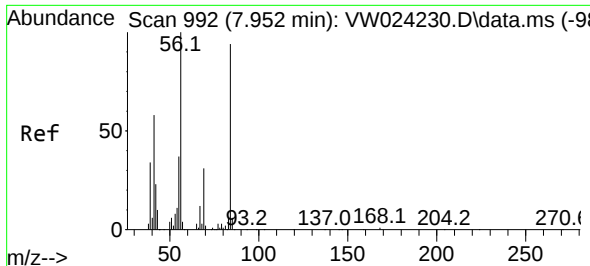
Tgt Ion: 83 Resp: 192273
Ion Ratio Lower Upper
83 100
85 64.5 42.9 79.7



#27
1,2-Dichloroethane
Concen: 26.661 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion: 62 Resp: 128717
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





#29

Cyclohexane

Concen: 25.215 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

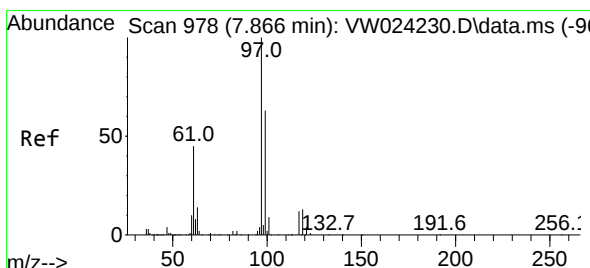
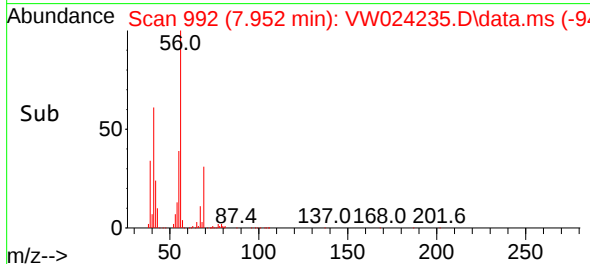
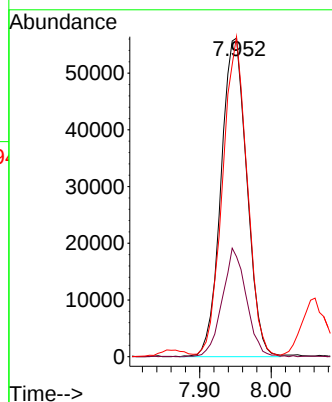
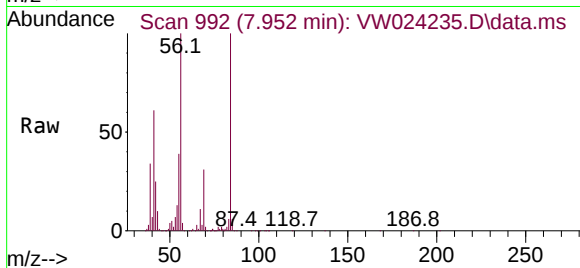
Tgt Ion: 56 Resp: 141144

Ion Ratio Lower Upper

56 100

69 31.6 24.5 36.7

84 95.6 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 25.751 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

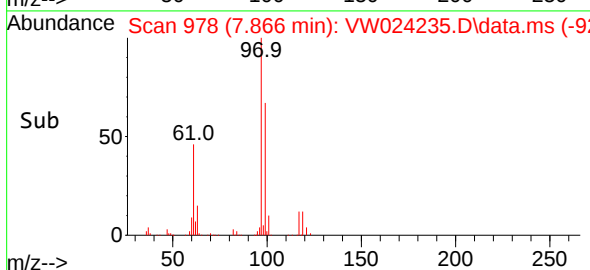
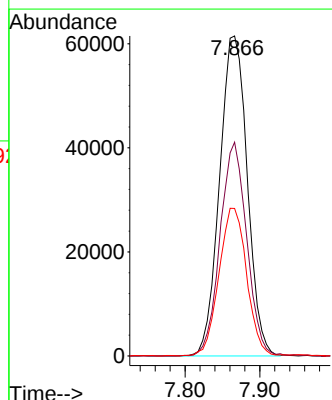
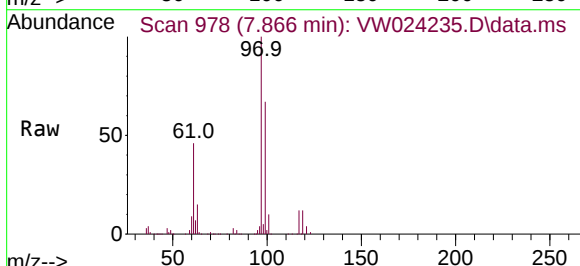
Tgt Ion: 97 Resp: 158558

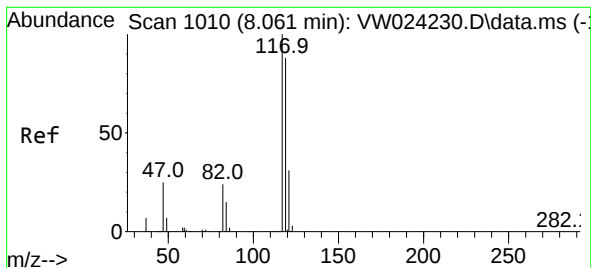
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

61 46.1 36.2 54.2





#31

Carbon tetrachloride

Concen: 24.625 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

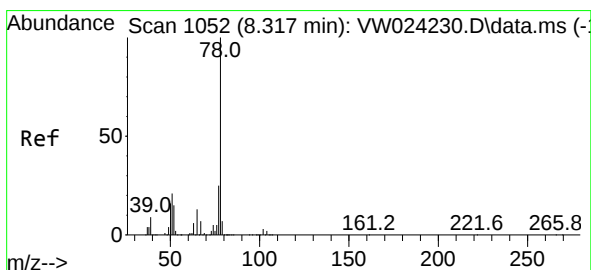
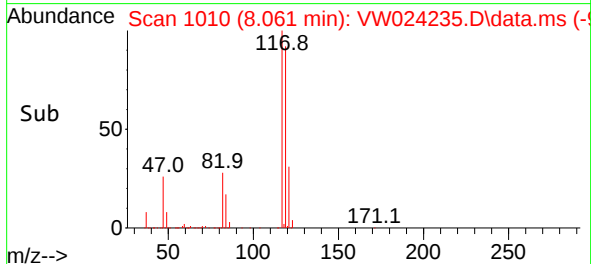
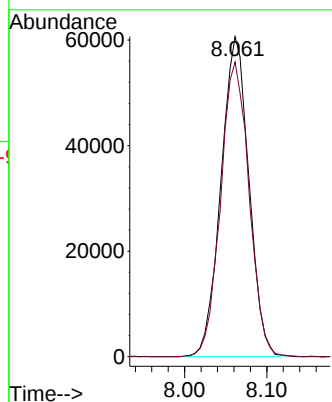
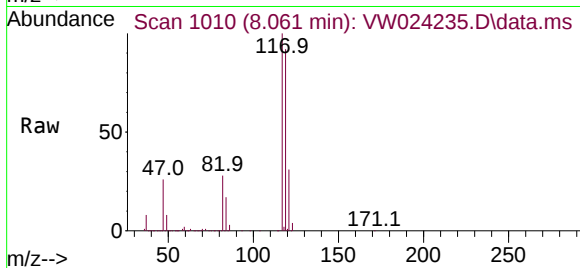
VSTD025534

Tgt Ion:117 Resp: 143042

Ion Ratio Lower Upper

117 100

119 93.7 77.8 116.8



#33

Benzene

Concen: 25.522 ug/L

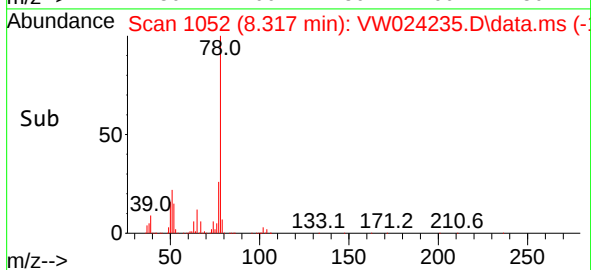
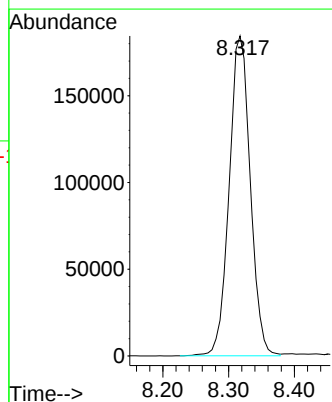
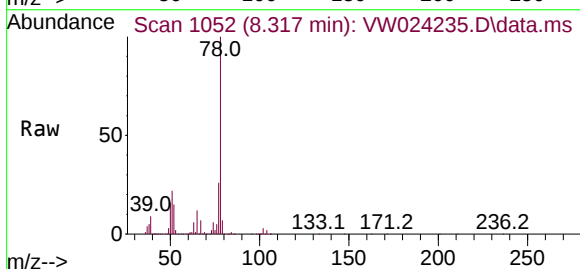
RT: 8.317 min Scan# 1052

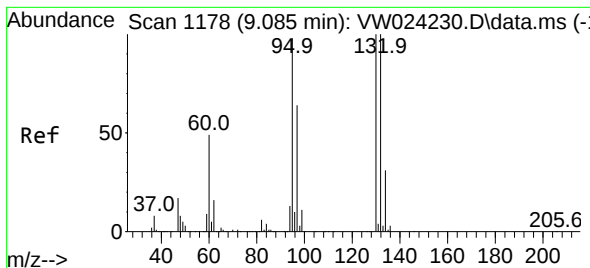
Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Tgt Ion: 78 Resp: 411564





#34

Trichloroethene

Concen: 25.479 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

Tgt Ion: 95 Resp: 108600

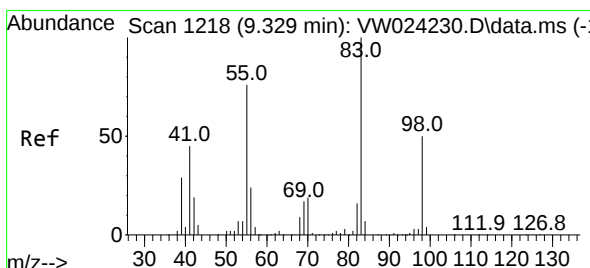
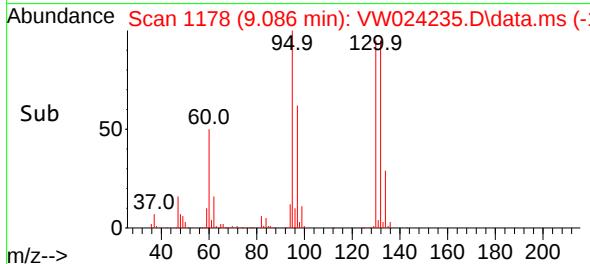
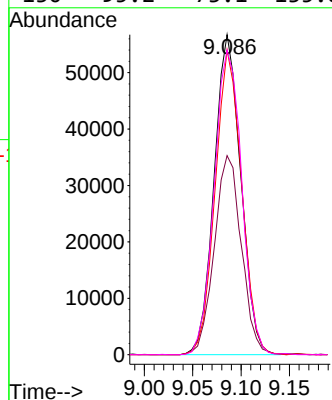
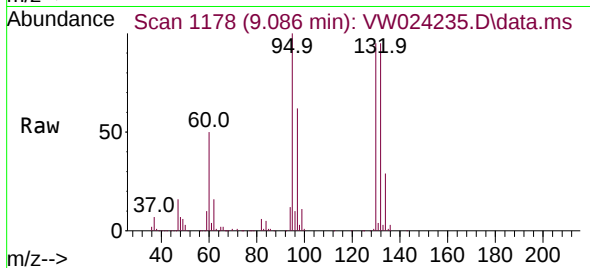
Ion Ratio Lower Upper

95 100

97 62.2 41.6 77.2

132 95.3 67.0 124.4

130 95.2 73.1 135.8



#35

Methylcyclohexane

Concen: 26.724 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

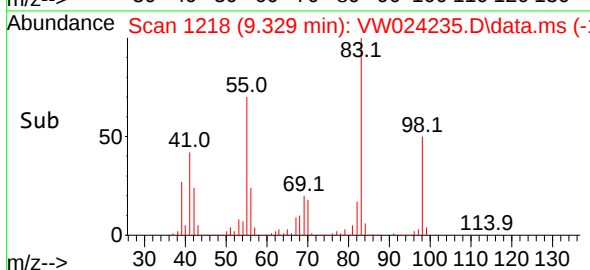
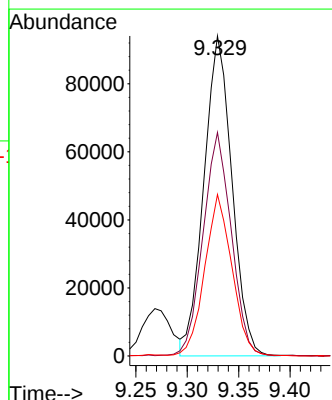
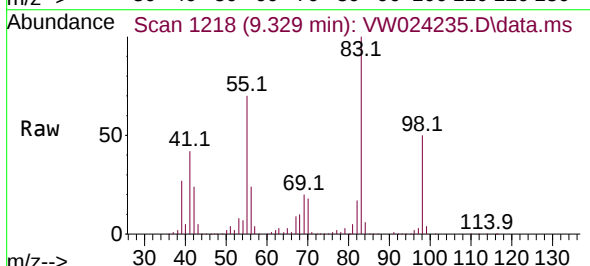
Tgt Ion: 83 Resp: 178625

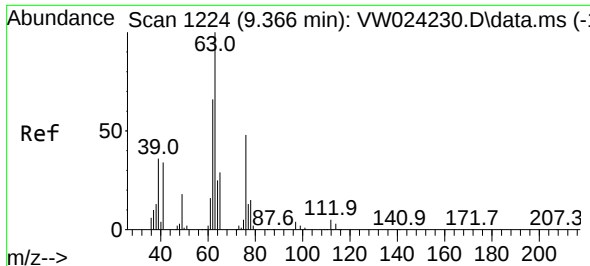
Ion Ratio Lower Upper

83 100

55 70.4 59.1 88.7

98 48.8 40.8 61.2





#37

1,2-Dichloropropane

Concen: 26.646 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

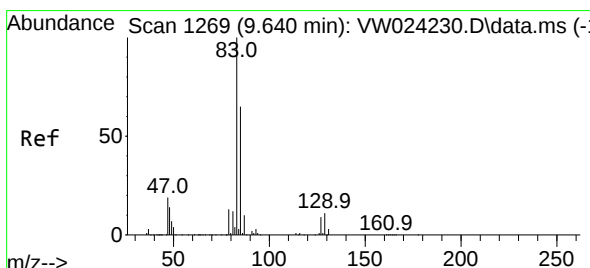
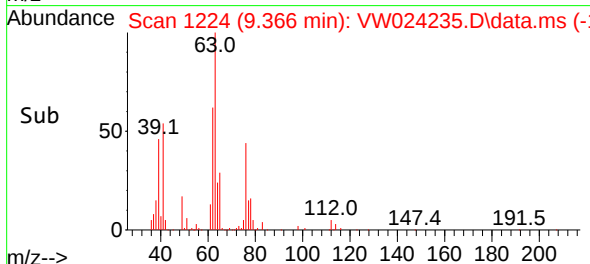
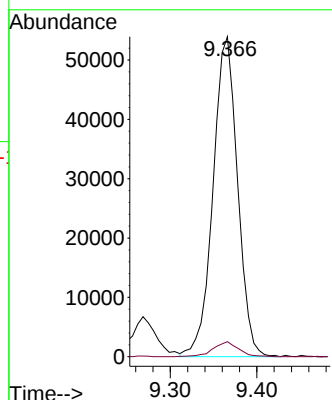
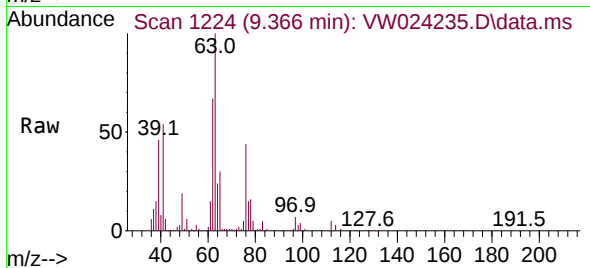
VSTD025534

Tgt Ion: 63 Resp: 106219

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 26.752 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

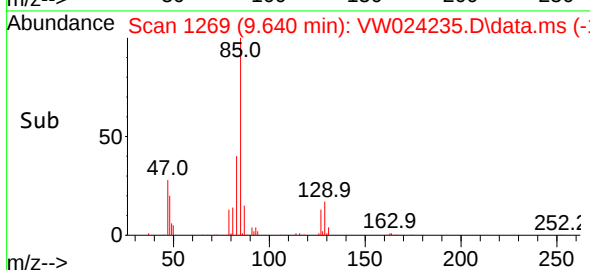
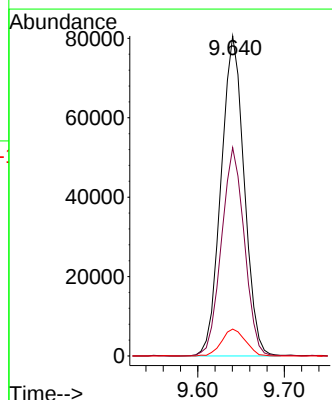
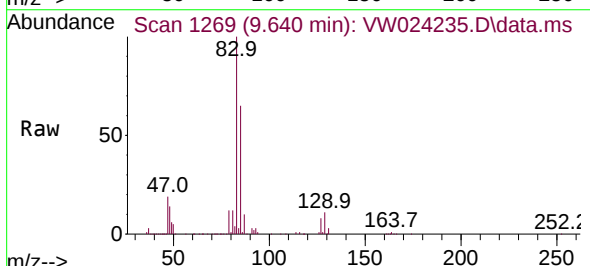
Tgt Ion: 83 Resp: 149571

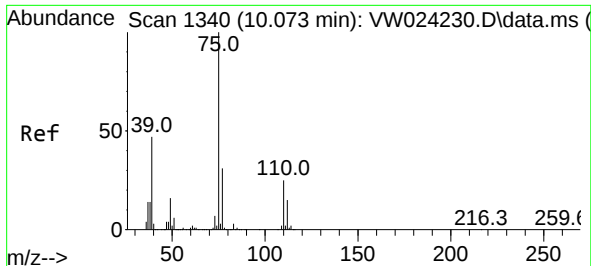
Ion Ratio Lower Upper

83 100

85 65.1 43.7 81.1

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 27.777 ug/L

RT: 10.067 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

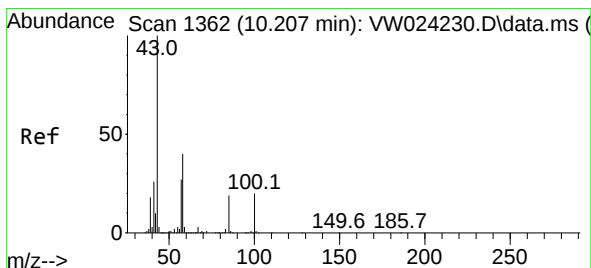
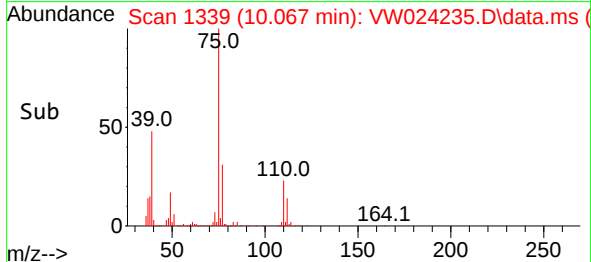
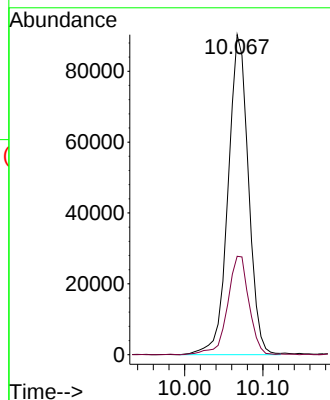
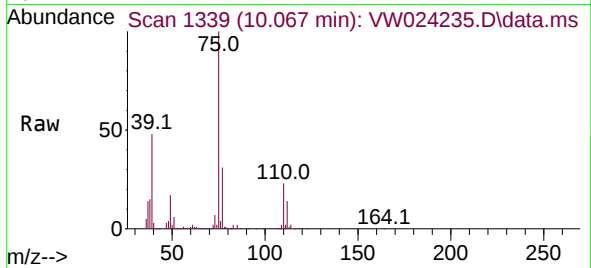
VSTD025534

Tgt Ion: 75 Resp: 162898

Ion Ratio Lower Upper

75 100

77 30.7 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 51.701 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

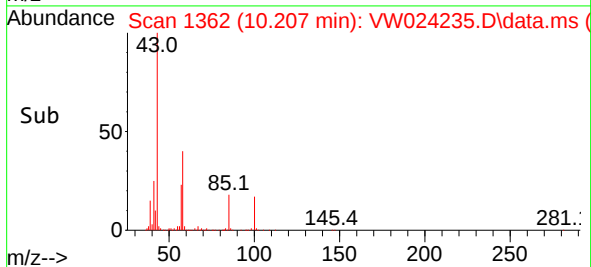
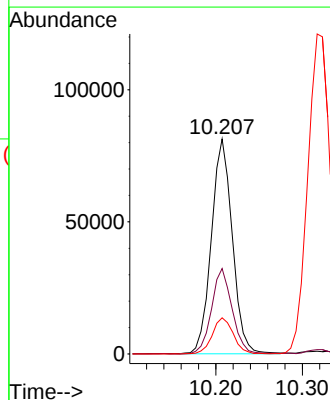
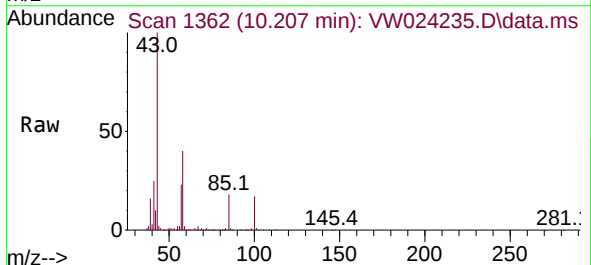
Tgt Ion: 43 Resp: 136779

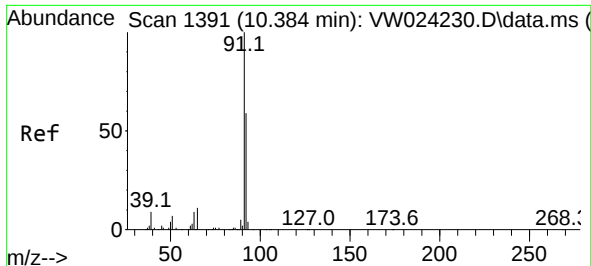
Ion Ratio Lower Upper

43 100

58 39.0 30.5 45.7

100 16.8 13.8 20.6

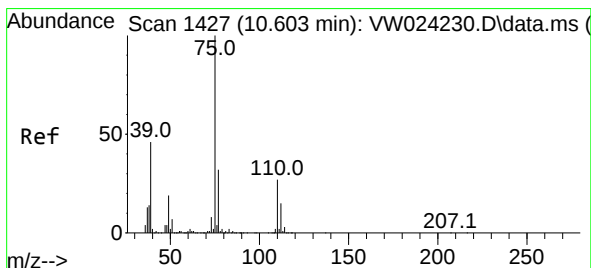
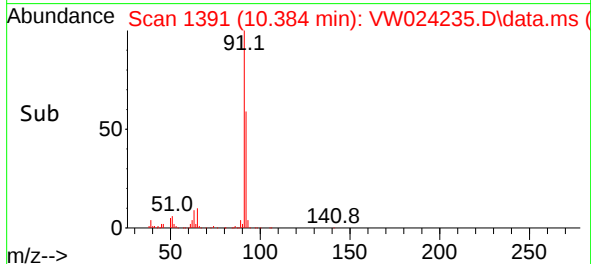
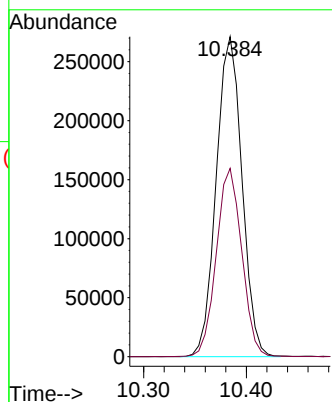
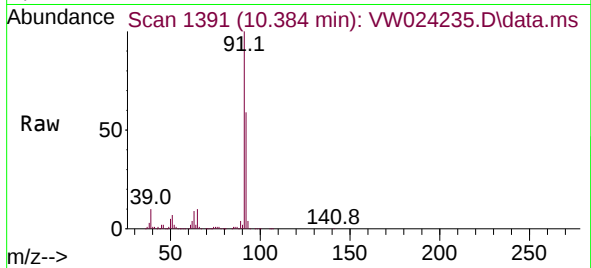




#42
Toluene
Concen: 27.532 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

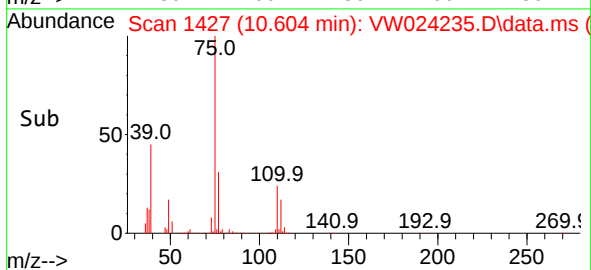
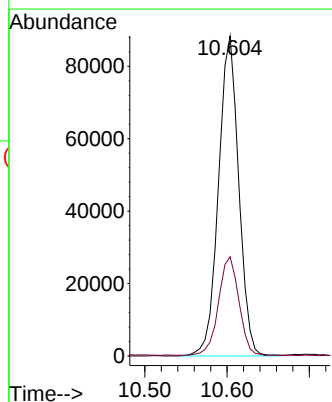
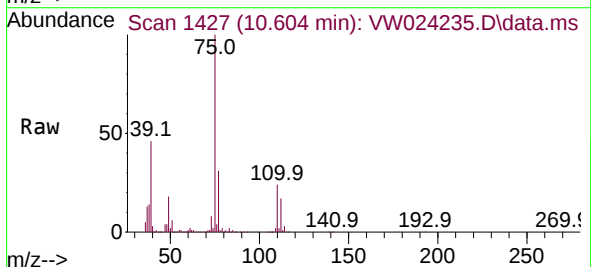
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

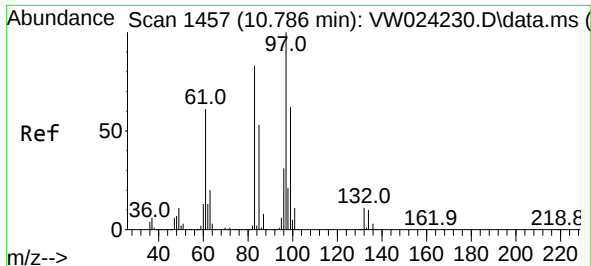
Tgt Ion: 91 Resp: 471791
Ion Ratio Lower Upper
91 100
92 58.8 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 28.193 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion: 75 Resp: 151075
Ion Ratio Lower Upper
75 100
77 31.0 22.4 41.6

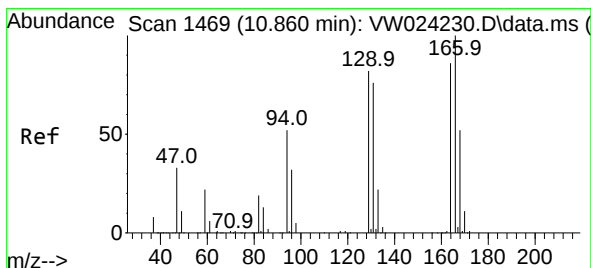
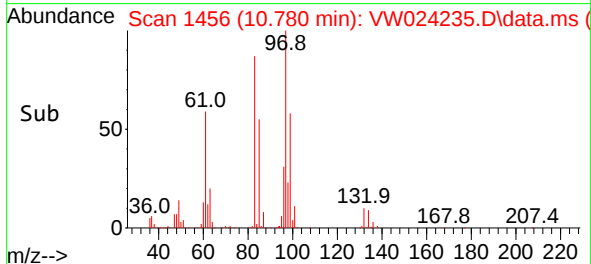
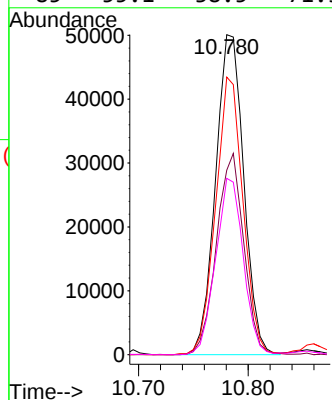
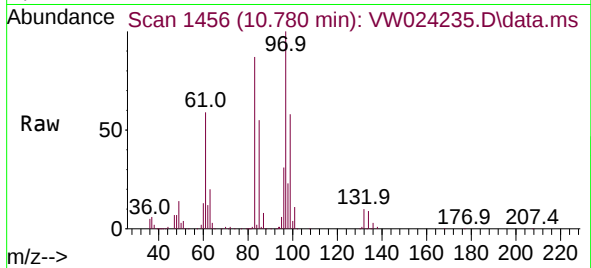




#45
1,1,2-Trichloroethane
Concen: 26.688 ug/L
RT: 10.780 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

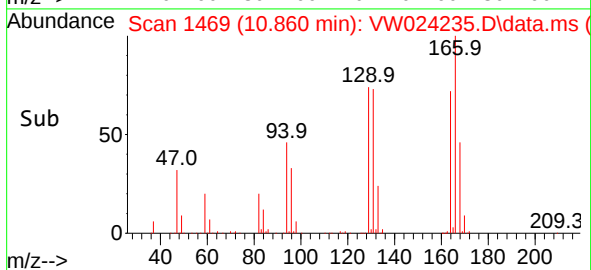
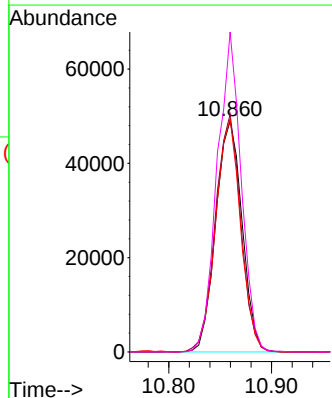
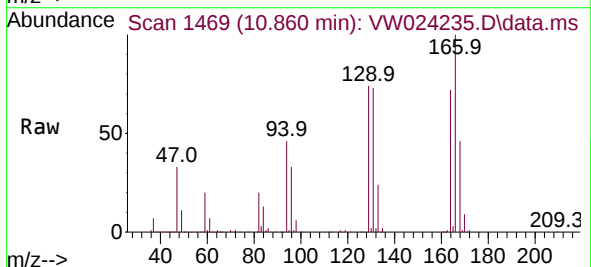
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

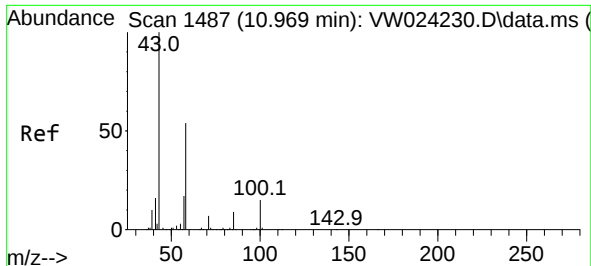
Tgt Ion:	97	Resp:	89669
Ion	Ratio	Lower	Upper
97	100		
99	57.6	43.8	81.3
83	86.7	56.4	104.7
85	55.1	38.5	71.5



#46
Tetrachloroethene
Concen: 25.142 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion:	164	Resp:	86758
Ion	Ratio	Lower	Upper
164	100		
129	102.9	63.1	117.3
131	100.8	63.9	118.7
166	138.5	86.8	161.2

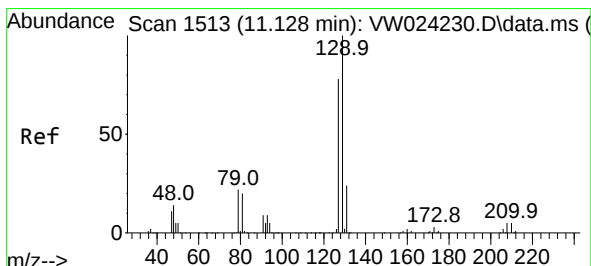
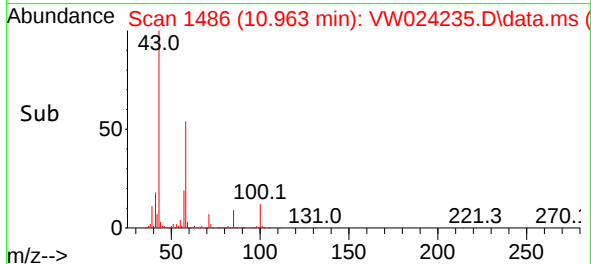
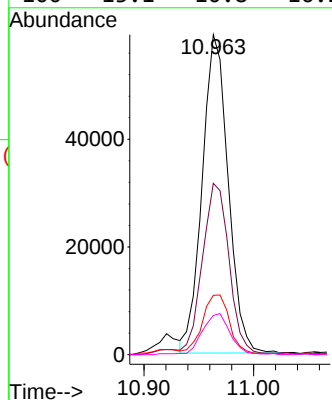
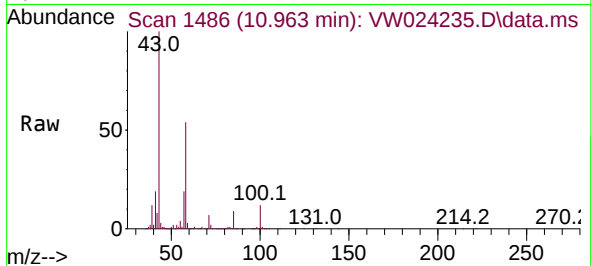




#48
2-Hexanone
Concen: 54.158 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

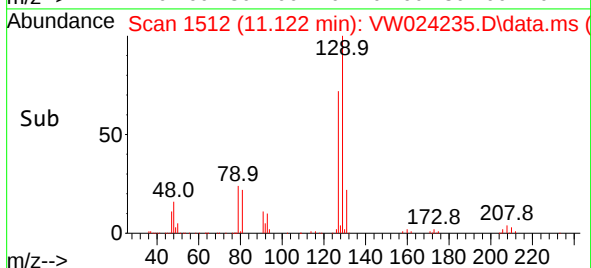
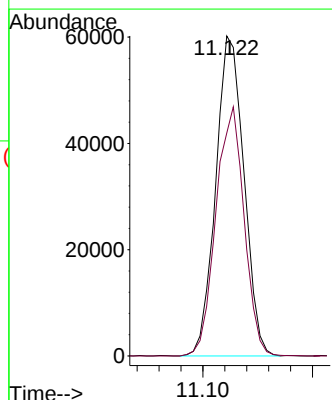
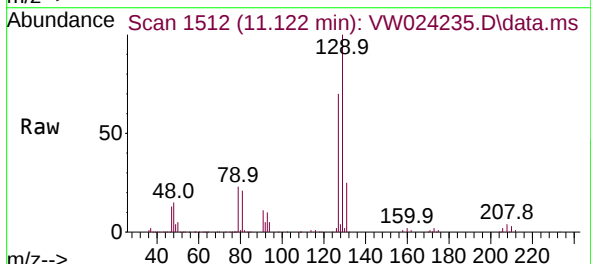
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

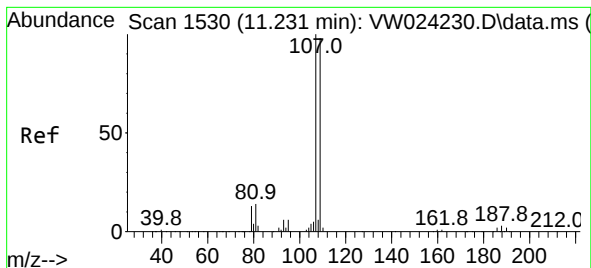
Tgt Ion:	43	Resp:	97237
Ion	Ratio	Lower	Upper
43	100		
58	55.3	43.4	65.0
57	19.9	15.0	22.4
100	13.1	10.8	16.2



#49
Dibromochloromethane
Concen: 26.678 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion:	129	Resp:	107909
Ion	Ratio	Lower	Upper
129	100		
127	69.6	52.3	97.1

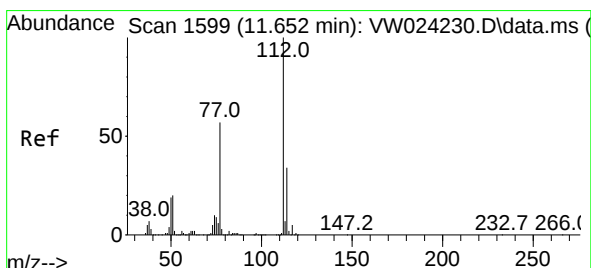
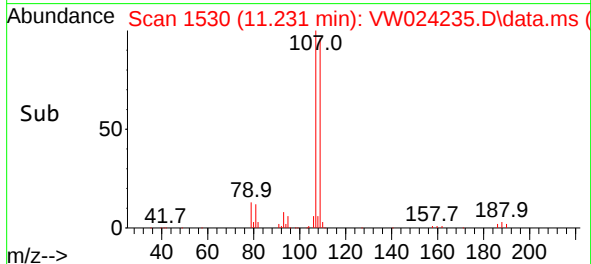
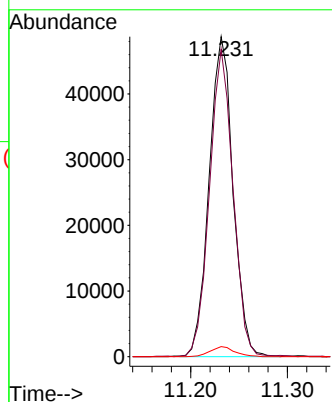
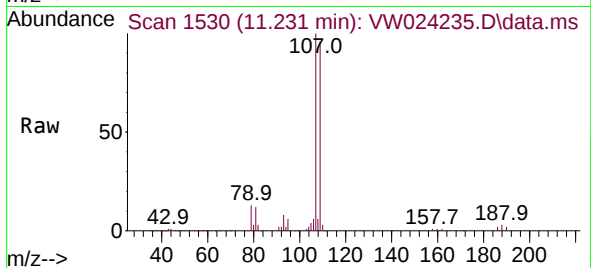




#50
1,2-Dibromoethane
Concen: 25.958 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

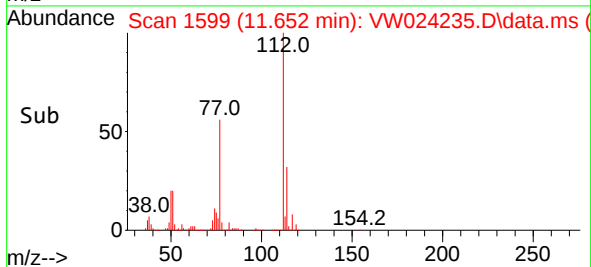
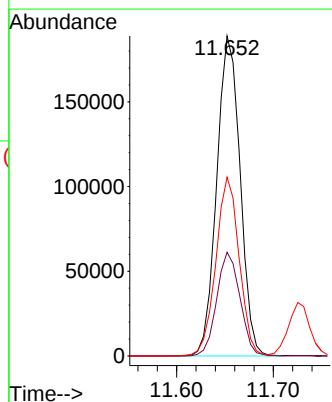
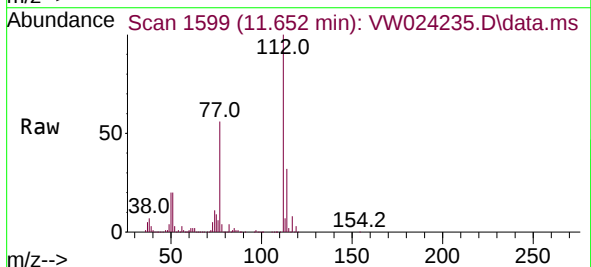
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

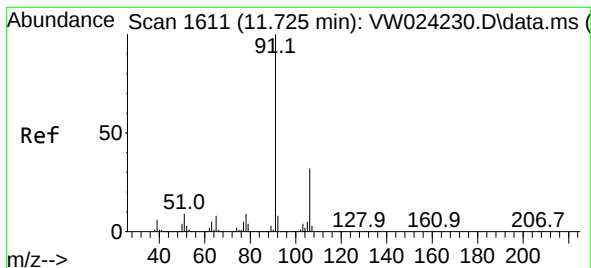
Tgt Ion:107 Resp: 83561
Ion Ratio Lower Upper
107 100
109 96.1 64.0 119.0
188 3.1 3.1 4.7



#51
Chlorobenzene
Concen: 27.054 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion:112 Resp: 316756
Ion Ratio Lower Upper
112 100
114 32.4 20.7 38.5
77 55.8 41.4 62.2

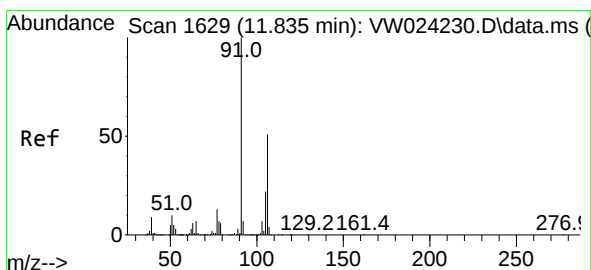
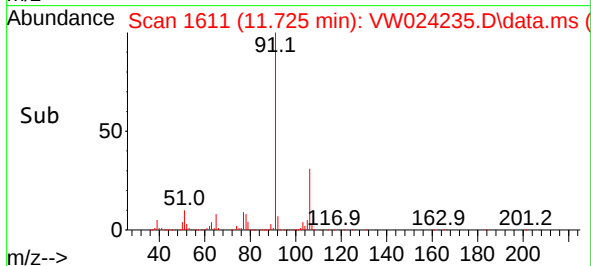
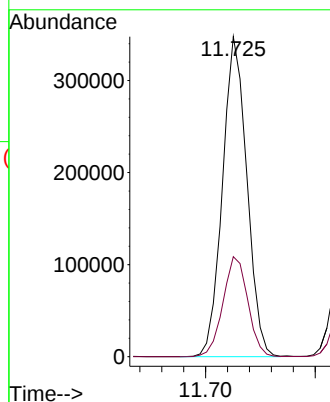
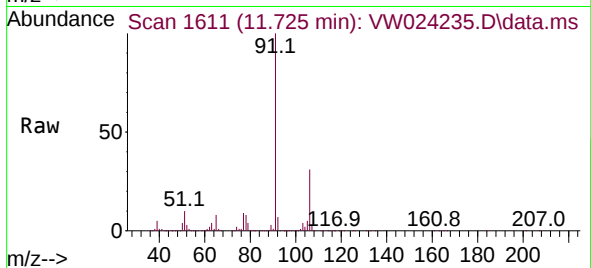




#52
Ethylbenzene
Concen: 28.608 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

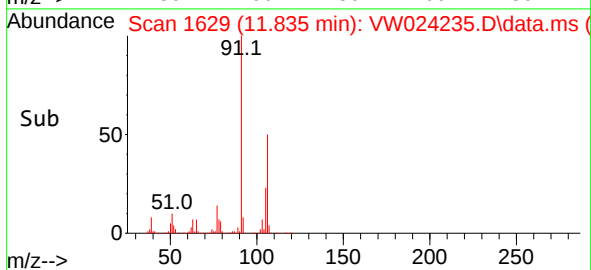
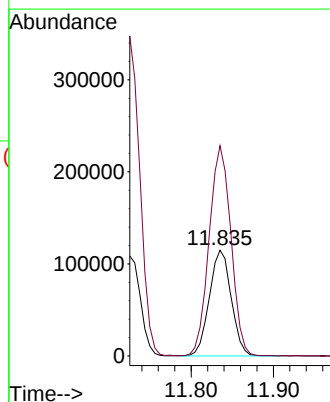
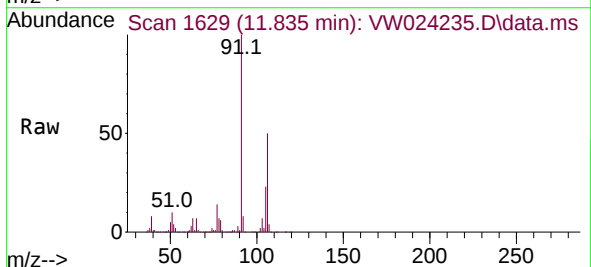
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

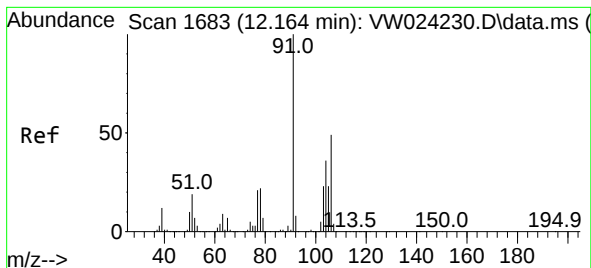
Tgt Ion: 91 Resp: 537117
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 29.022 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion: 106 Resp: 212097
Ion Ratio Lower Upper
106 100
91 198.6 144.1 267.7

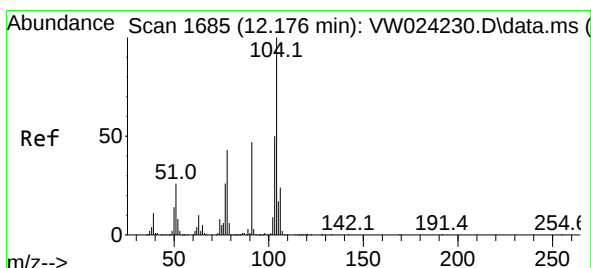
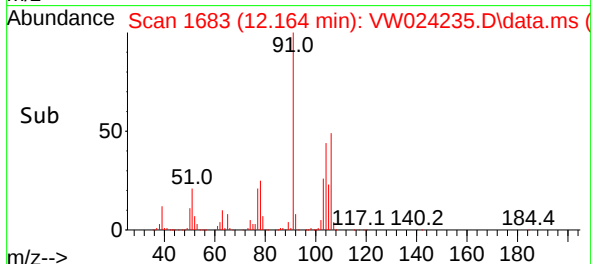
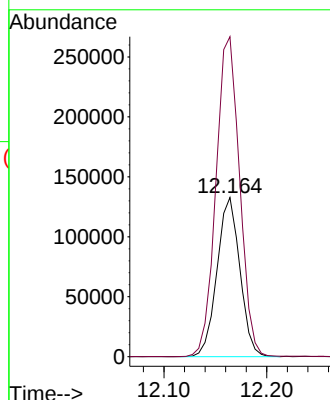
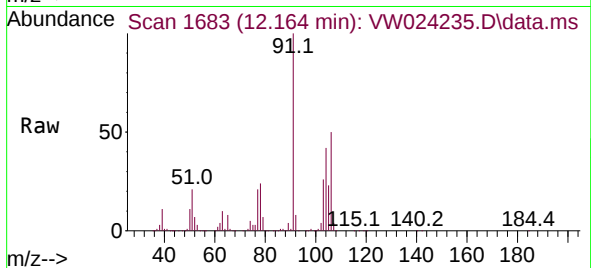




#54
o-Xylene
Concen: 29.676 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

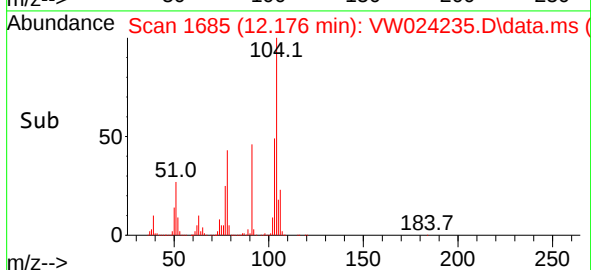
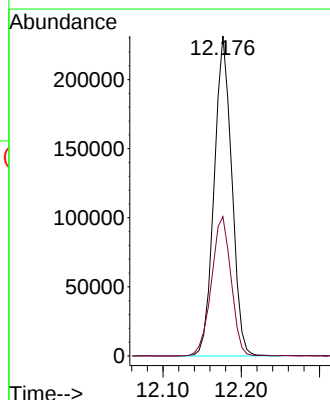
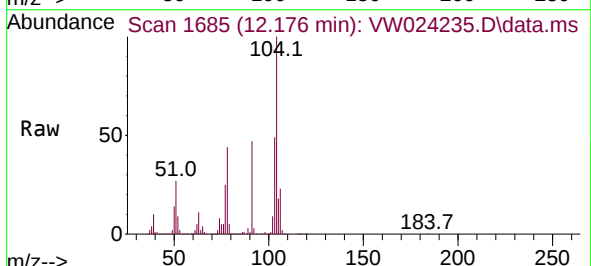
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

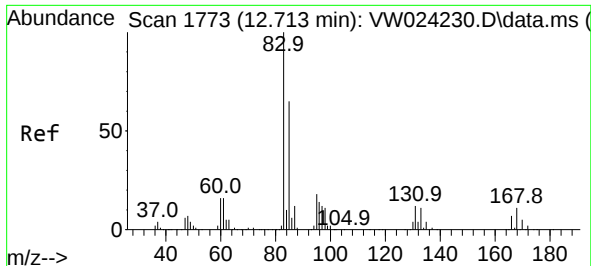
Tgt Ion:106 Resp: 204894
Ion Ratio Lower Upper
106 100
91 201.1 150.9 280.3



#55
Styrene
Concen: 30.179 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion:104 Resp: 362393
Ion Ratio Lower Upper
104 100
78 43.6 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 27.415 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

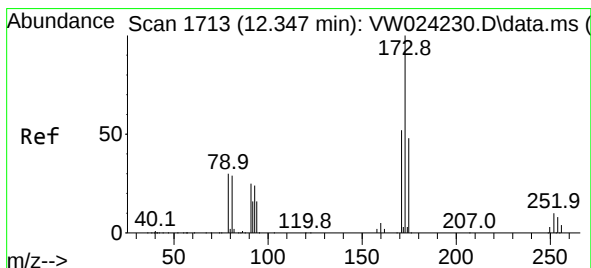
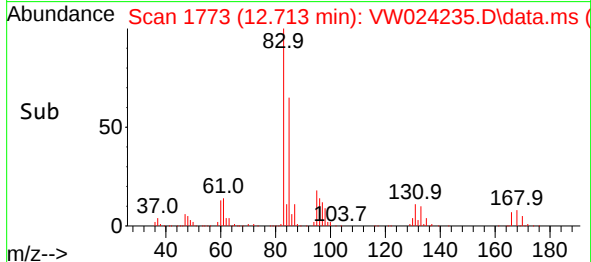
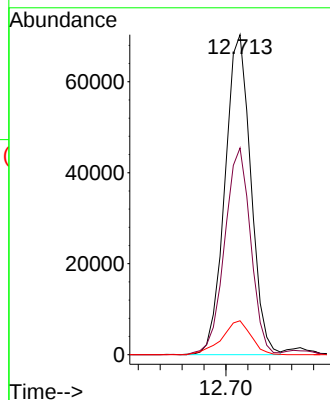
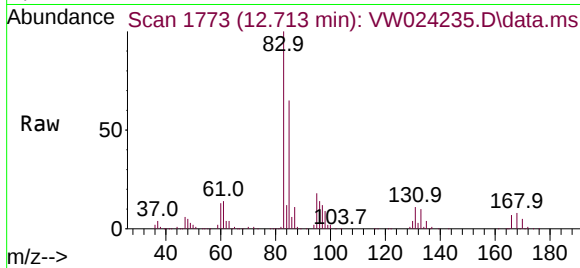
Tgt Ion: 83 Resp: 115115

Ion Ratio Lower Upper

83 100

85 64.6 44.1 81.9

131 10.6 8.3 12.5



#59

Bromoform

Concen: 25.478 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

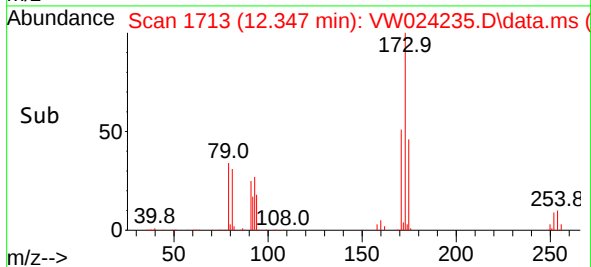
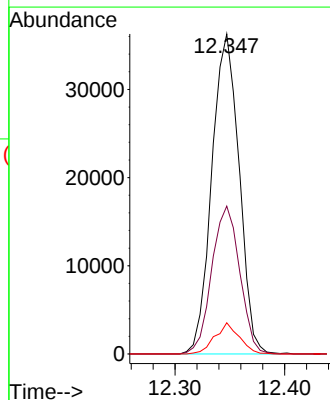
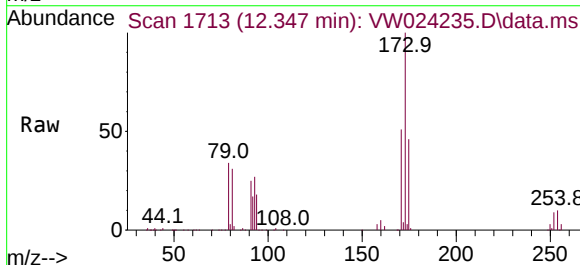
Tgt Ion: 173 Resp: 62760

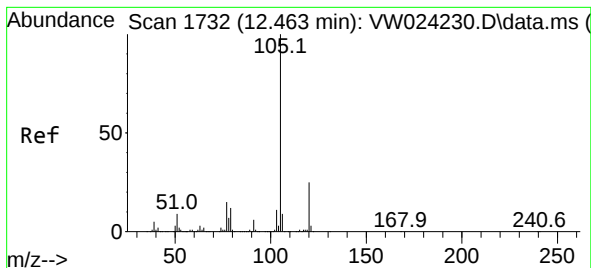
Ion Ratio Lower Upper

173 100

175 47.3 39.0 58.6

254 8.7 6.8 10.2





#60

Isopropylbenzene

Concen: 28.629 ug/L

RT: 12.463 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

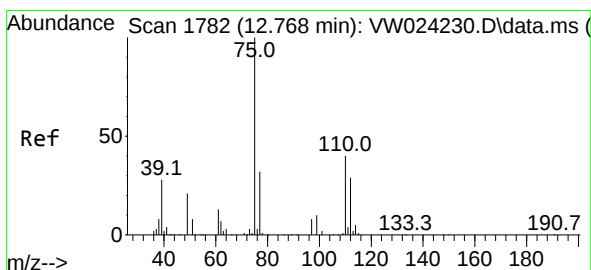
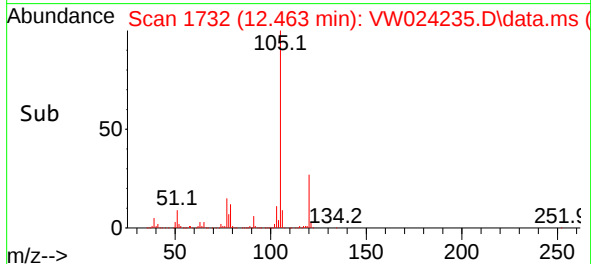
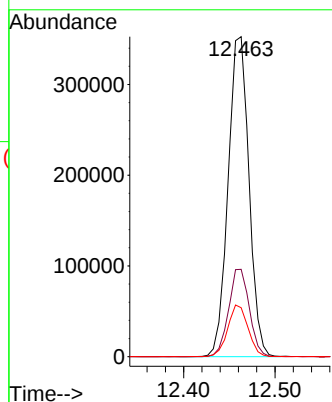
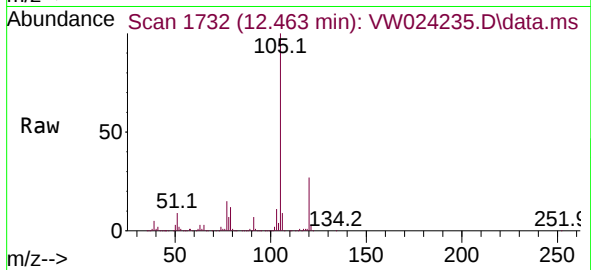
Tgt Ion:105 Resp: 559700

Ion Ratio Lower Upper

105 100

120 27.1 21.4 32.2

77 15.7 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 25.052 ug/L

RT: 12.762 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

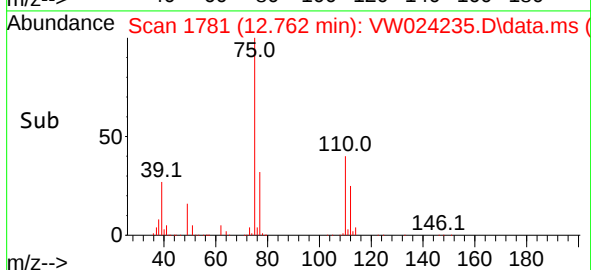
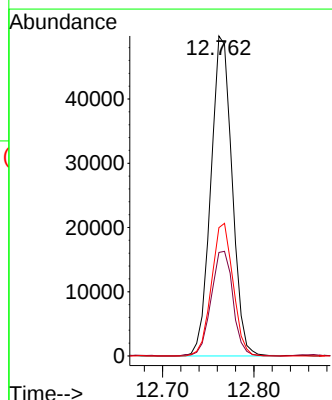
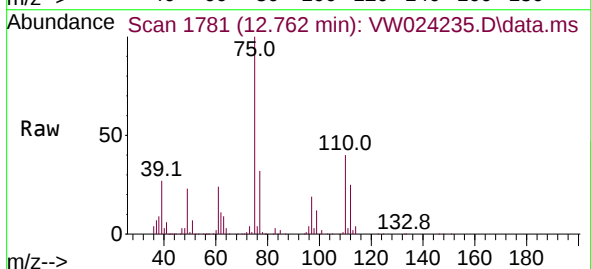
Tgt Ion: 75 Resp: 80515

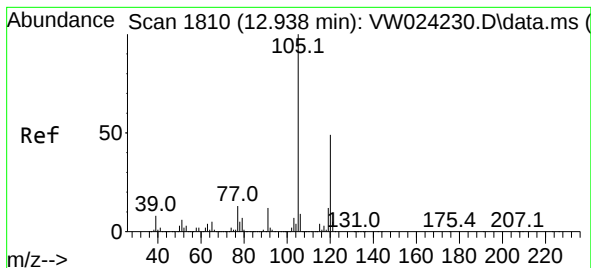
Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.4

110 42.0 33.6 50.4

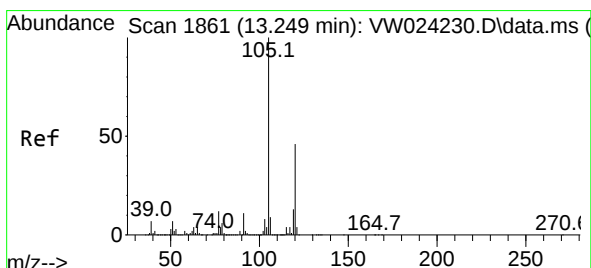
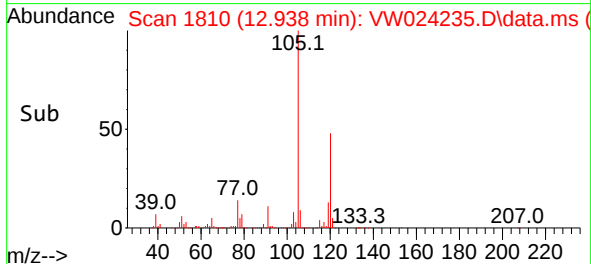
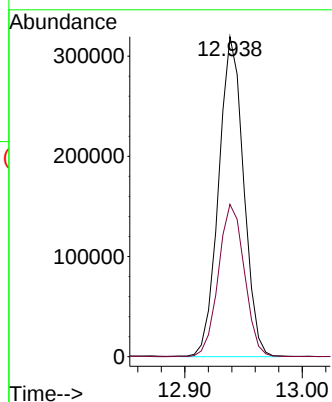
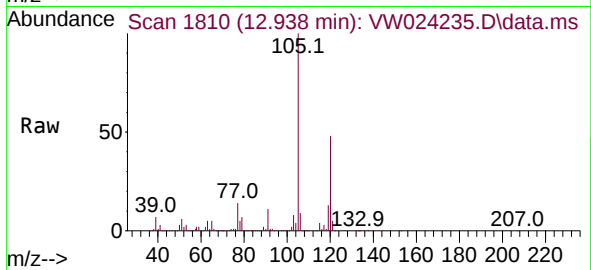




#62
 1,3,5-Trimethylbenzene
 Concen: 29.190 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024235.D
 Acq: 15 Aug 2022 14:31

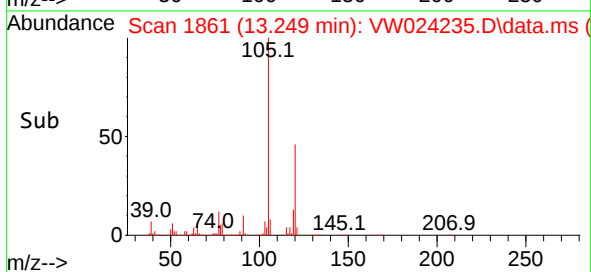
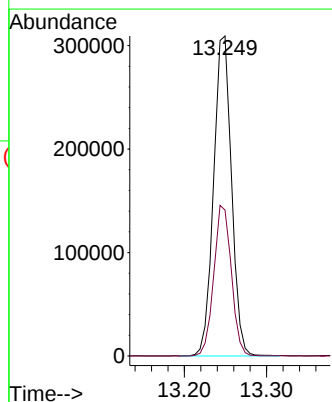
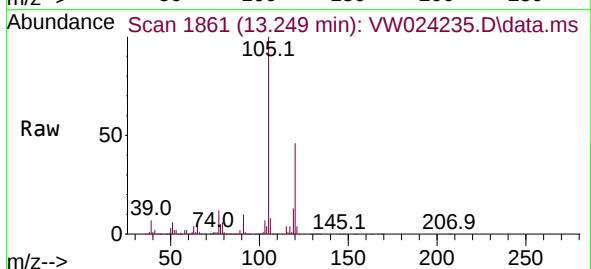
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

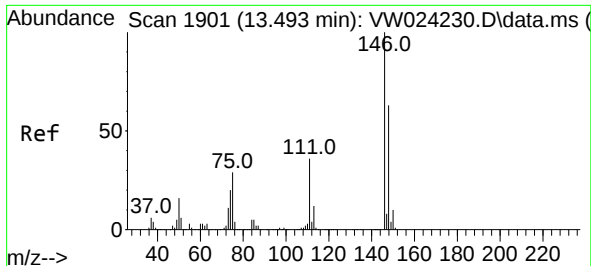
Tgt Ion:105 Resp: 471584
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 29.450 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024235.D
 Acq: 15 Aug 2022 14:31

Tgt Ion:105 Resp: 468579
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.4 54.6

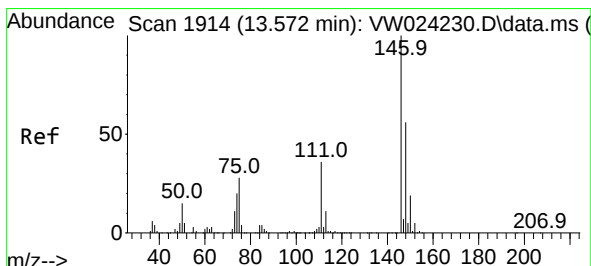
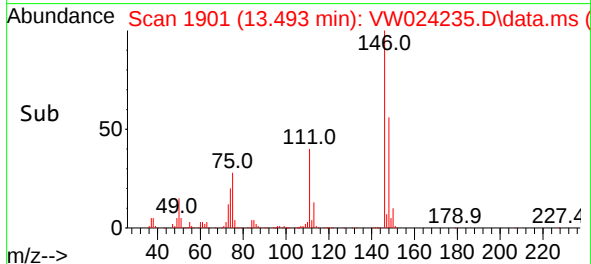
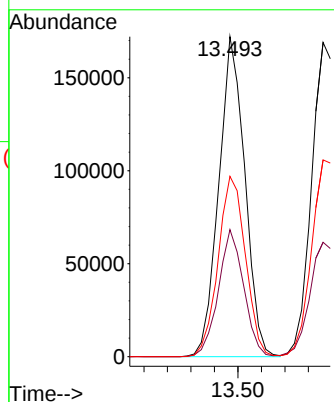
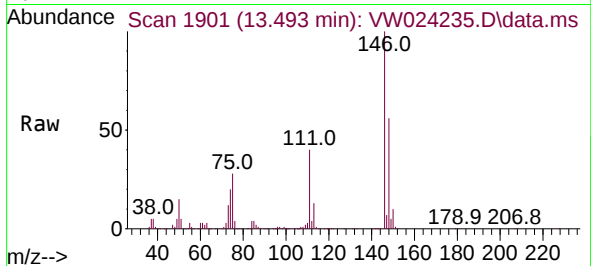




#64
1,3-Dichlorobenzene
Concen: 27.709 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

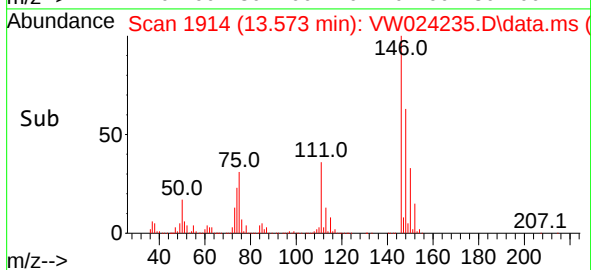
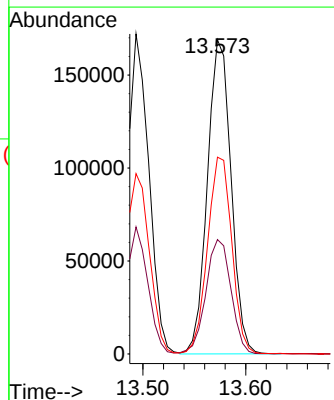
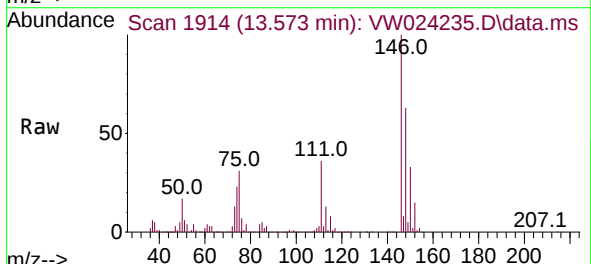
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

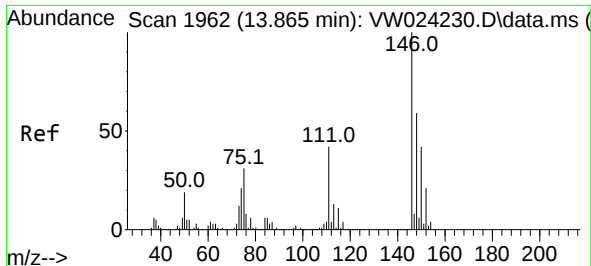
Tgt Ion:146 Resp: 265264
Ion Ratio Lower Upper
146 100
111 39.7 28.0 52.0
148 56.3 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 26.676 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024235.D
Acq: 15 Aug 2022 14:31

Tgt Ion:146 Resp: 270420
Ion Ratio Lower Upper
146 100
111 36.4 27.6 51.4
148 62.7 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 27.642 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

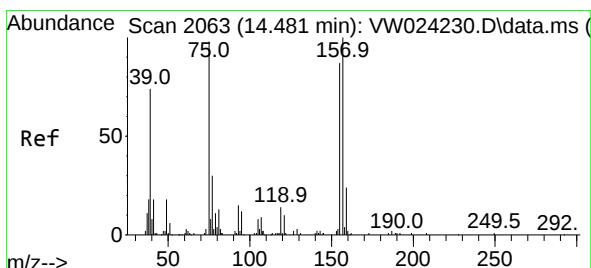
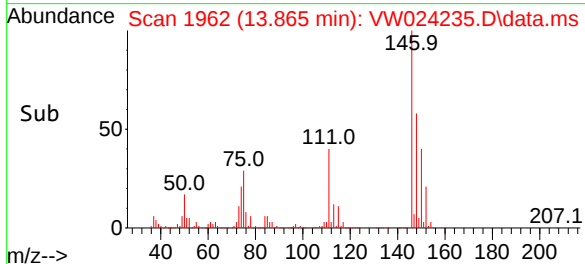
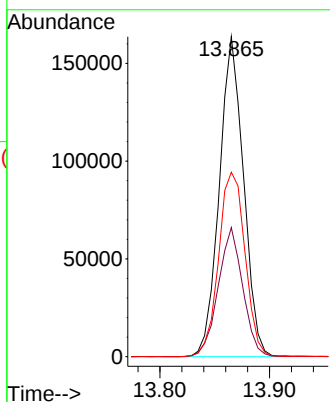
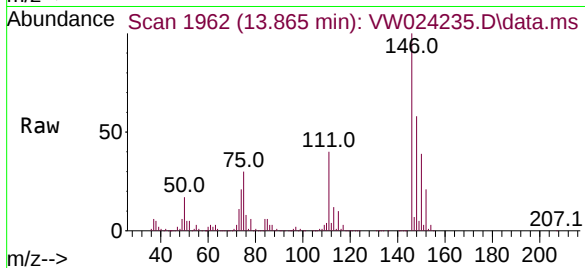
Tgt Ion:146 Resp: 251283

Ion Ratio Lower Upper

146 100

111 40.4 29.0 43.6

148 57.6 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.031 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

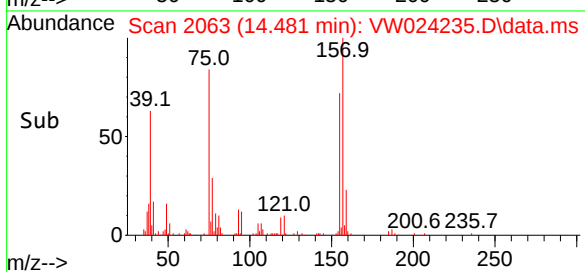
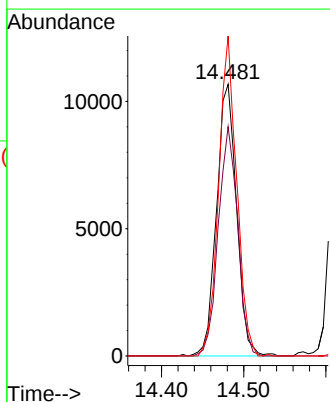
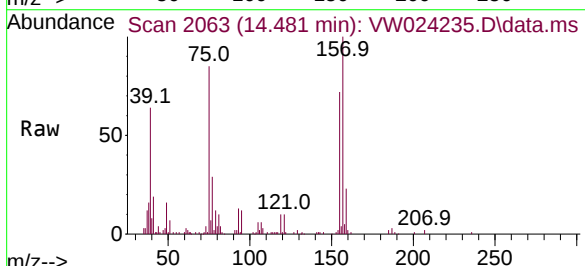
Tgt Ion: 75 Resp: 18045

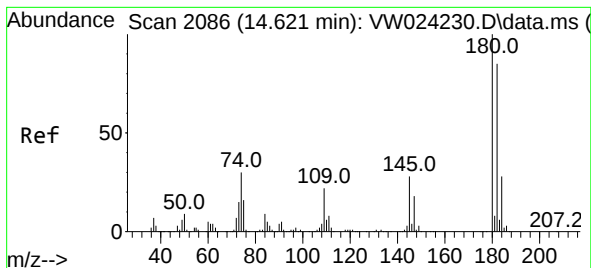
Ion Ratio Lower Upper

75 100

155 84.4 68.8 103.2

157 117.8 91.5 137.3





#69

1,3,5-Trichlorobenzene

Concen: 29.712 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

Tgt Ion:180 Resp: 186515

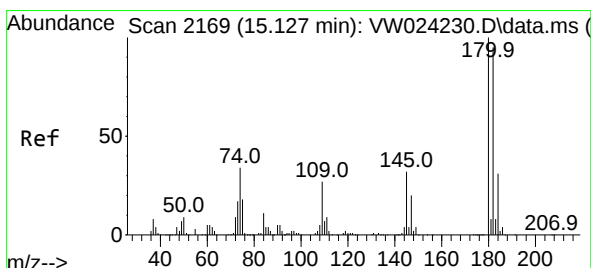
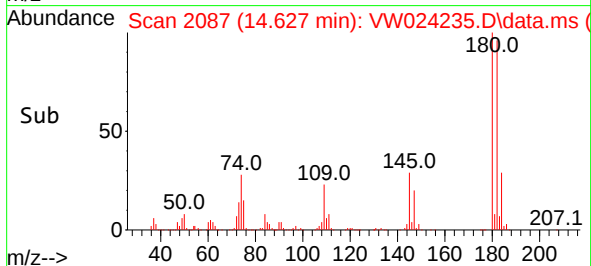
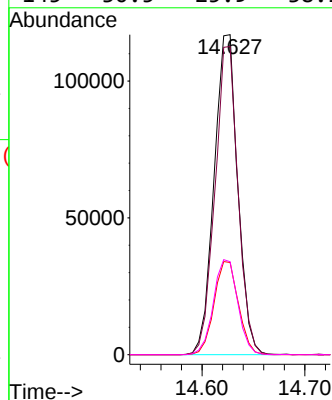
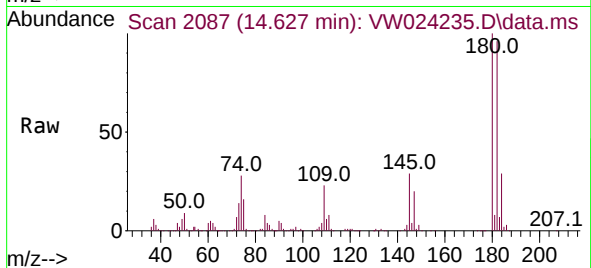
Ion Ratio Lower Upper

180 100

182 94.1 78.4 117.6

184 29.9 24.7 37.1

145 30.5 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 31.137 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

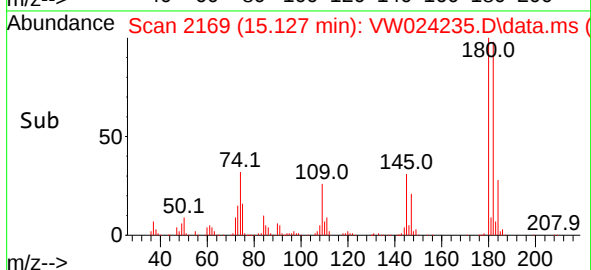
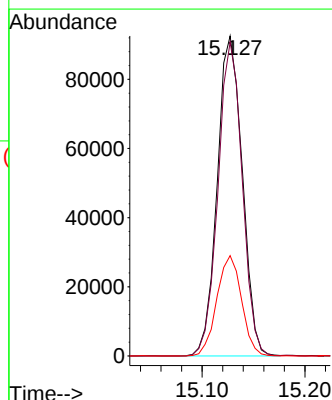
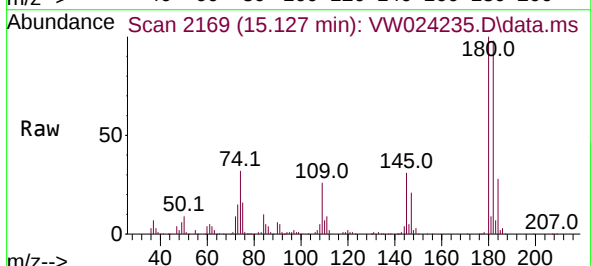
Tgt Ion:180 Resp: 156531

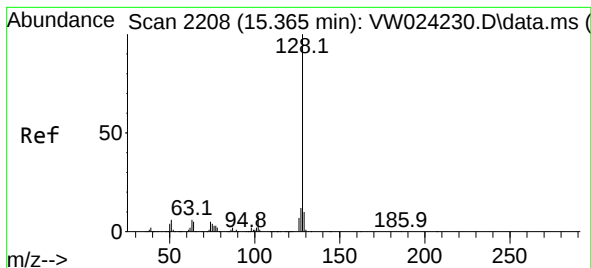
Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.4

145 30.9 25.1 37.7





#71

Naphthalene

Concen: 31.378 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

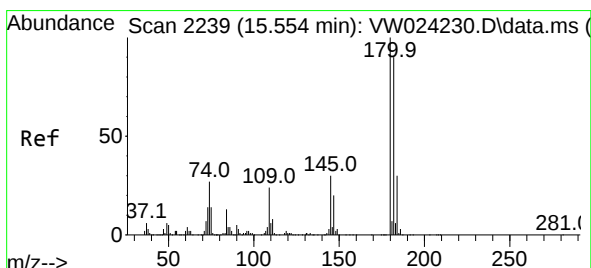
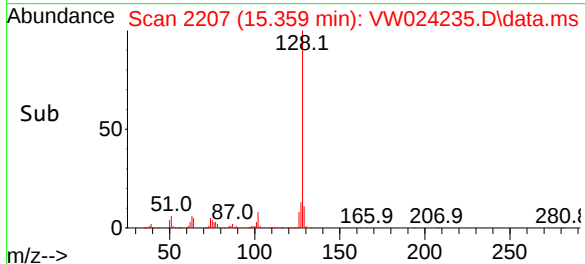
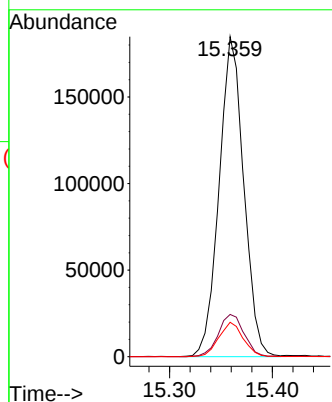
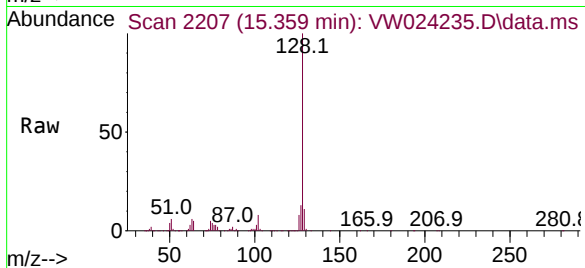
Tgt Ion:128 Resp: 307253

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 30.054 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW024235.D

Acq: 15 Aug 2022 14:31

Tgt Ion:180 Resp: 137551

Ion Ratio Lower Upper

180 100

182 103.1 75.4 113.2

145 34.6 26.9 40.3

