

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024161.D
 Acq On : 04 Aug 2022 12:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025520

Quant Time: Aug 05 00:51:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:43:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	313472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	299884	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	166222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	155060	23.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.640%
7) Chloroethane-d5	2.873	69	97320	23.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.360%
11) 1,1-Dichloroethene-d2	4.013	63	177323	23.746	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.000%
21) 2-Butanone-d5	7.080	46	55611	45.619	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.240%
24) Chloroform-d	7.647	84	205277	21.642	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.560%
26) 1,2-Dichloroethane-d4	8.305	65	111821	21.235	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.920%
32) Benzene-d6	8.269	84	397835	22.494	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.960%
36) 1,2-Dichloropropane-d6	9.275	67	112776	21.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.400%
41) Toluene-d8	10.323	98	383785	23.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.880%
43) trans-1,3-Dichloroprop...	10.579	79	52410	22.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.640%
47) 2-Hexanone-d5	10.921	63	45098	46.757	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.520%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	110122	21.736	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	141623	23.283	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	97419	35.324	ug/L	100
3) Chloromethane	2.209	50	139466	26.964	ug/L	99
5) Vinyl chloride	2.349	62	191647	26.617	ug/L	99
6) Bromomethane	2.770	94	104804	25.387	ug/L	90
8) Chloroethane	2.910	64	89079	28.244	ug/L	100
9) Trichlorofluoromethane	3.251	101	90261	26.445	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	119627	25.987	ug/L	95
12) 1,1-Dichloroethene	4.032	96	101203	26.854	ug/L	99
13) Acetone	4.123	43	43601	48.580	ug/L	65
14) Carbon disulfide	4.373	76	326121	27.043	ug/L	97
15) Methyl Acetate	4.672	43	49259	24.367	ug/L #	76
16) Methylene chloride	4.909	84	137919	24.949	ug/L	100
17) trans-1,2-Dichloroethene	5.415	96	114960	26.415	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	167432	26.980	ug/L	100
19) 1,1-Dichloroethane	6.208	63	198640	25.911	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	123934	25.930	ug/L #	99
22) 2-Butanone	7.171	43	74982	49.579	ug/L	99
23) Bromochloromethane	7.507	128	62589	26.295	ug/L #	90
25) Chloroform	7.677	83	220821	26.140	ug/L	96

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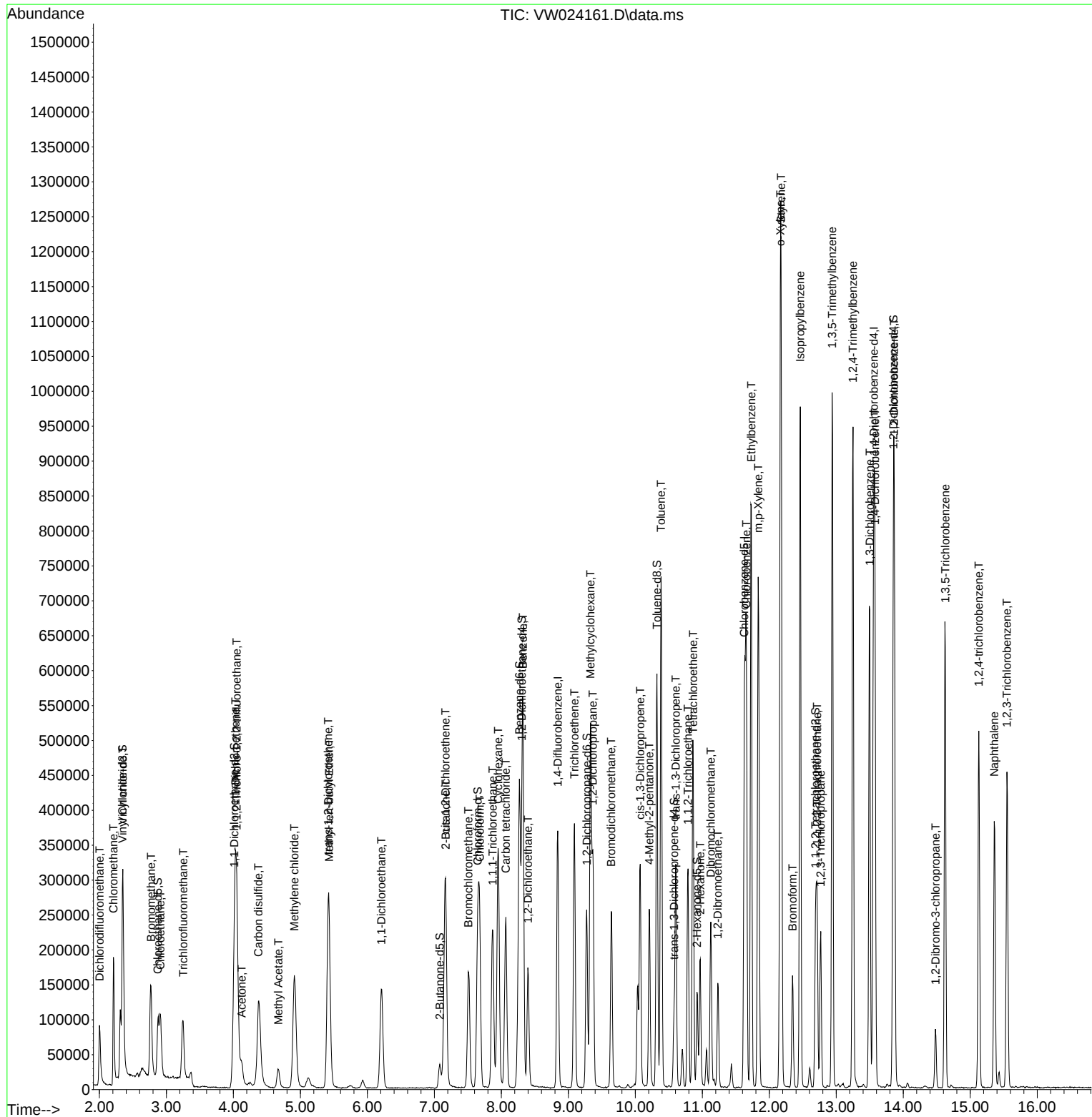
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	146367	25.749	ug/L	98
29) Cyclohexane	7.952	56	176291	28.674	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	182571	26.996	ug/L	99
31) Carbon tetrachloride	8.067	117	173373	27.174	ug/L	99
33) Benzene	8.323	78	479766	27.087	ug/L	100
34) Trichloroethene	9.092	95	126960	27.120	ug/L	95
35) Methylcyclohexane	9.329	83	212627	28.963	ug/L	99
37) 1,2-Dichloropropane	9.366	63	114922	26.248	ug/L	99
38) Bromodichloromethane	9.640	83	160611	26.155	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	178811	27.760	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	159508	54.894	ug/L	99
42) Toluene	10.384	91	527847	28.045	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	164321	27.919	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	97813	26.506	ug/L	99
46) Tetrachloroethene	10.866	164	106212	28.024	ug/L	91
48) 2-Hexanone	10.969	43	113955	57.787	ug/L	99
49) Dibromochloromethane	11.128	129	120040	27.020	ug/L	99
50) 1,2-Dibromoethane	11.231	107	94236	26.653	ug/L	97
51) Chlorobenzene	11.658	112	344208	26.767	ug/L	96
52) Ethylbenzene	11.731	91	588238	28.526	ug/L	100
53) m,p-Xylene	11.835	106	231697	28.865	ug/L	93
54) o-Xylene	12.164	106	221503	29.210	ug/L	97
55) Styrene	12.176	104	395728	30.005	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120346	26.094	ug/L	98
59) Bromoform	12.347	173	69679	27.482	ug/L #	94
60) Isopropylbenzene	12.463	105	600669	29.851	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86438	26.130	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	514024	30.912	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	506604	30.934	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	286103	29.036	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	288550	27.655	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	258108	27.585	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	19136	24.759	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	193866	30.005	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	150974	29.177	ug/L	95
71) Naphthalene	15.359	128	321579	31.907	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	141474	30.031	ug/L	98

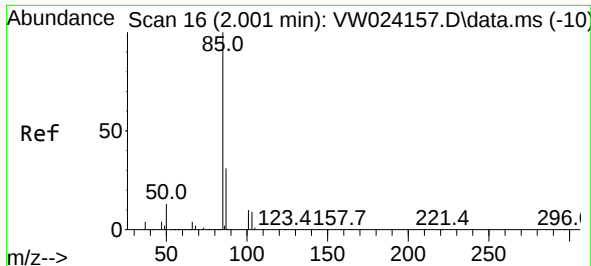
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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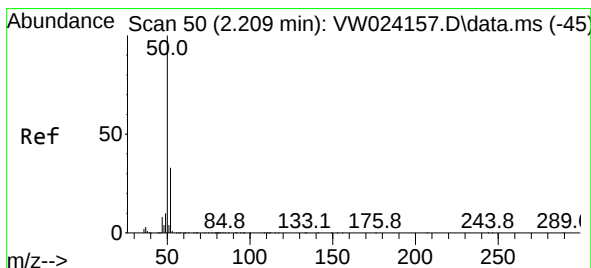
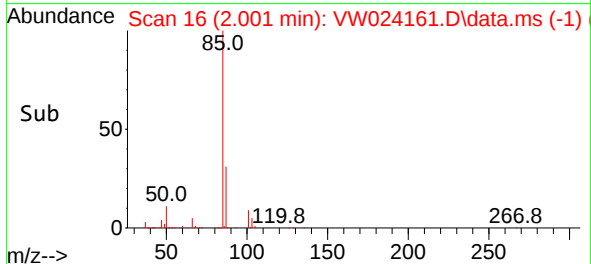
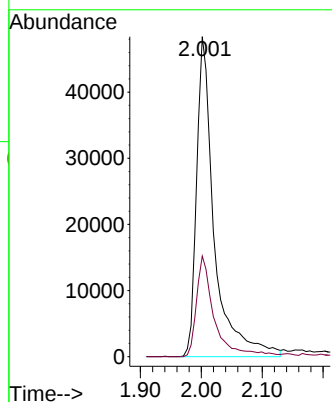
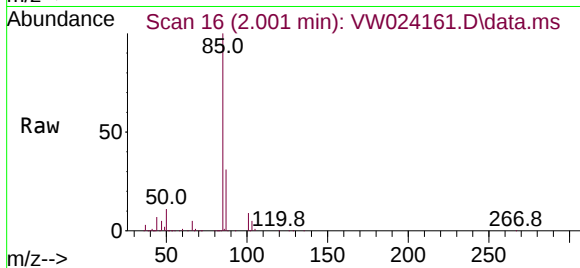




#2
Dichlorodifluoromethane
Concen: 35.324 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

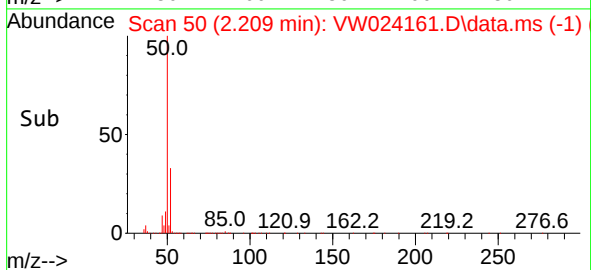
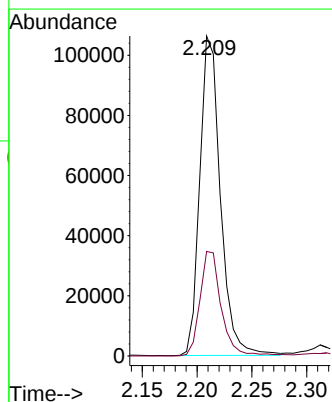
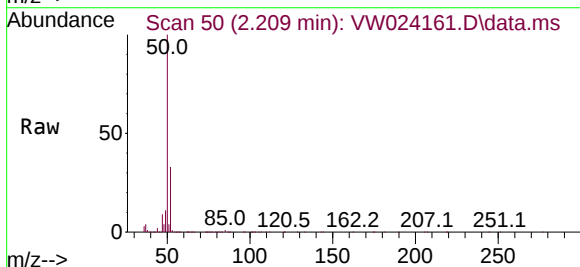
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MSVOA_W
ClientSampleId :
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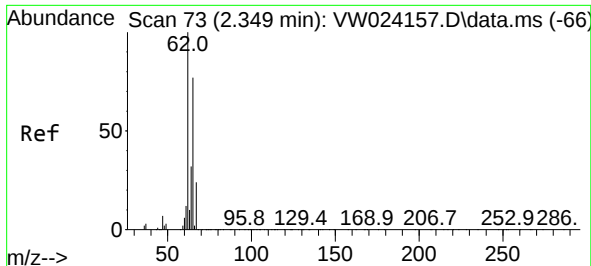
Tgt Ion: 85 Resp: 97419
Ion Ratio Lower Upper
85 100
87 30.7 24.5 36.7



#3
Chloromethane
Concen: 26.964 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 50 Resp: 139466
Ion Ratio Lower Upper
50 100
52 32.6 23.2 43.2

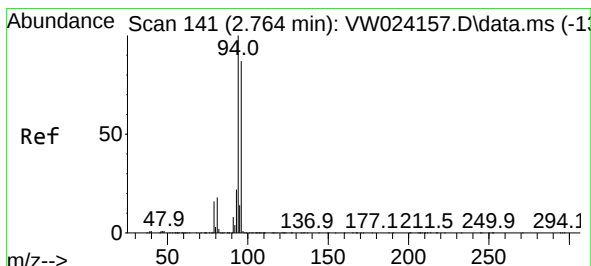
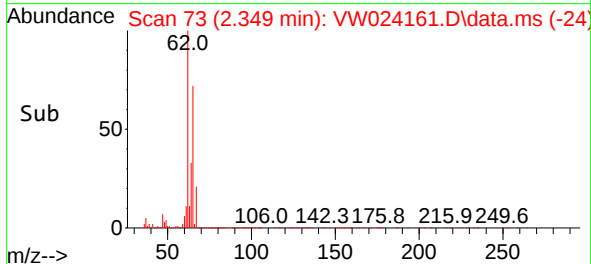
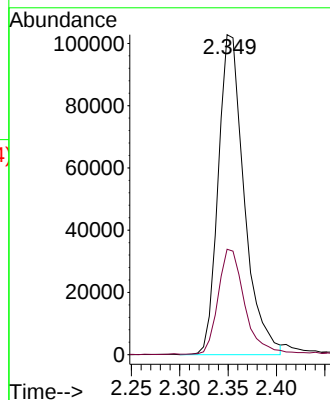
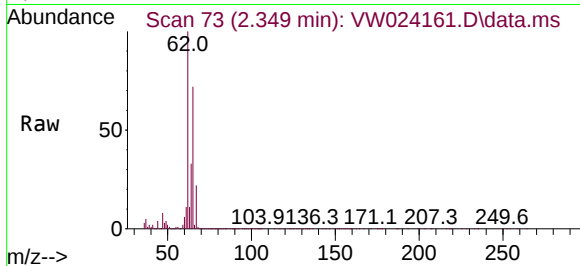




#5
 Vinyl chloride
 Concen: 26.617 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024161.D
 Acq: 04 Aug 2022 12:13

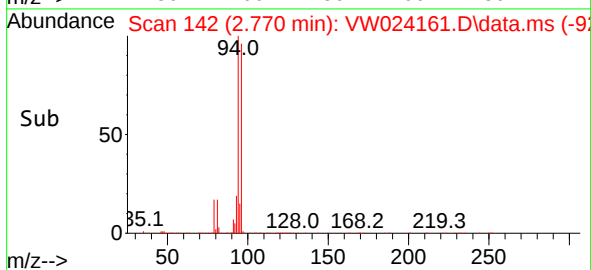
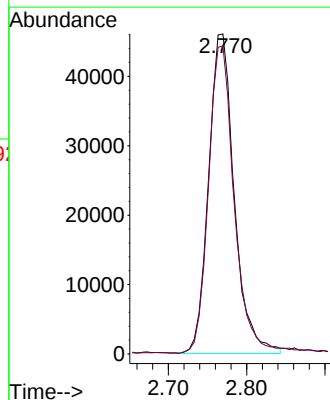
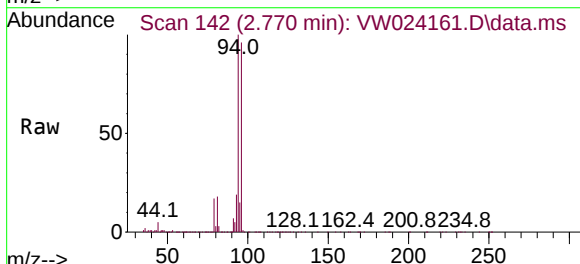
Instrument :
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 ClientSampleId :
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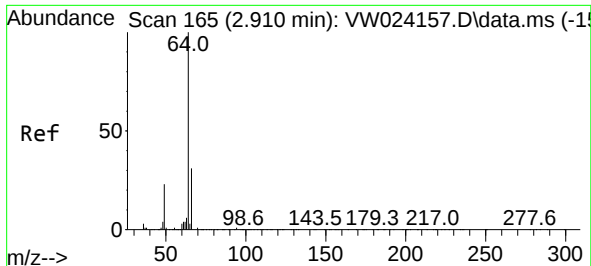
Tgt Ion: 62 Resp: 191647
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.3



#6
 Bromomethane
 Concen: 25.387 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.006 min
 Lab File: VW024161.D
 Acq: 04 Aug 2022 12:13

Tgt Ion: 94 Resp: 104804
 Ion Ratio Lower Upper
 94 100
 96 96.3 61.0 113.4

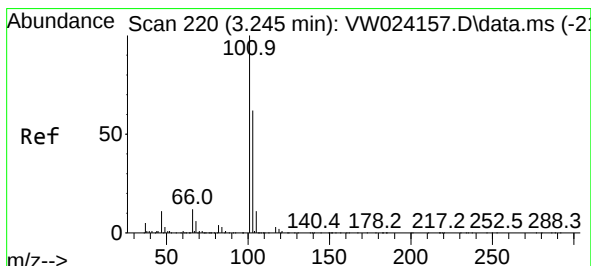
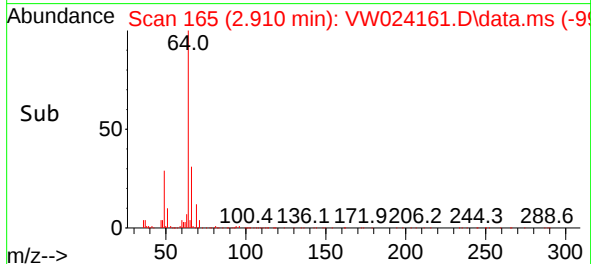
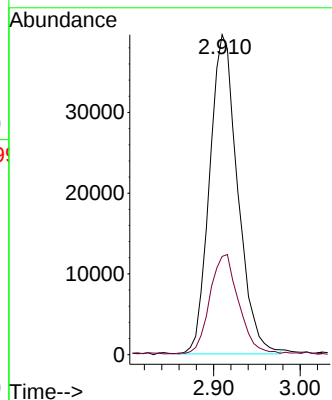
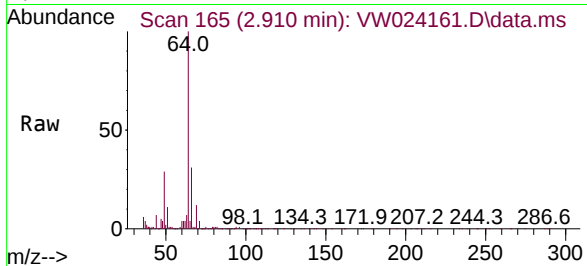




#8
Chloroethane
Concen: 28.244 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

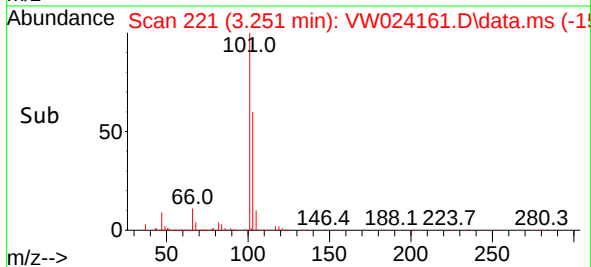
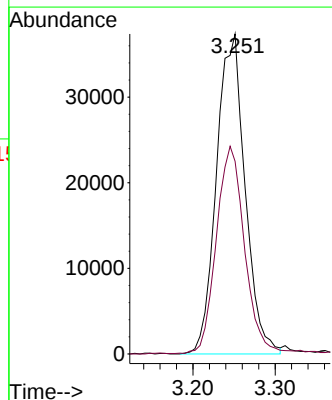
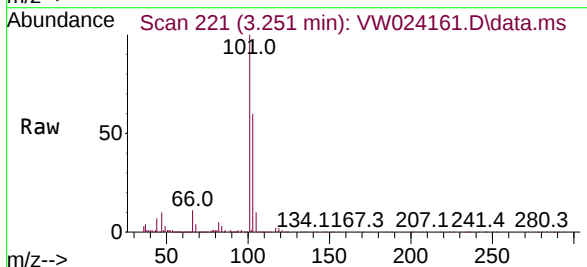
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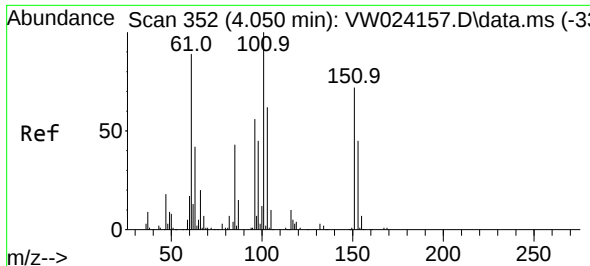
Tgt Ion: 64 Resp: 89079
Ion Ratio Lower Upper
64 100
66 30.7 21.6 40.0



#9
Trichlorofluoromethane
Concen: 26.445 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.006 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 101 Resp: 90261
Ion Ratio Lower Upper
101 100
103 64.0 50.5 75.7

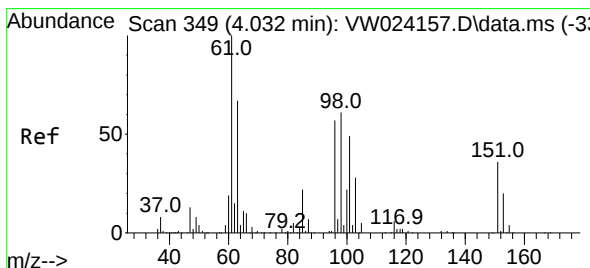
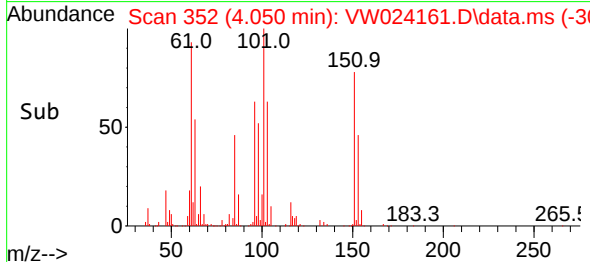
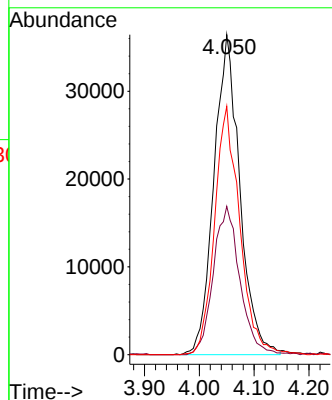
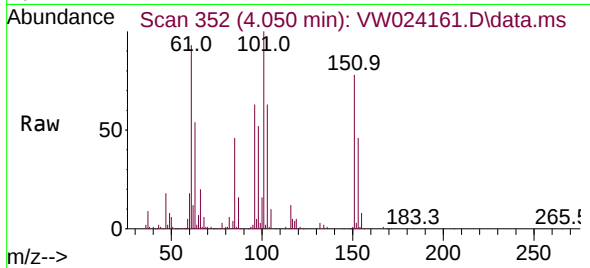




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.987 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW024161.D
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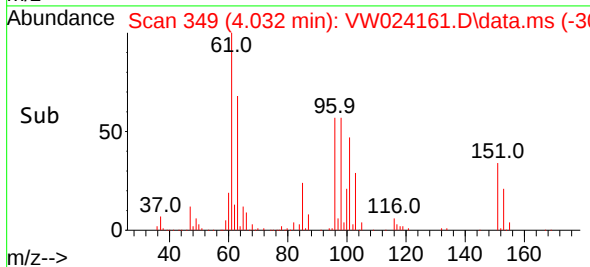
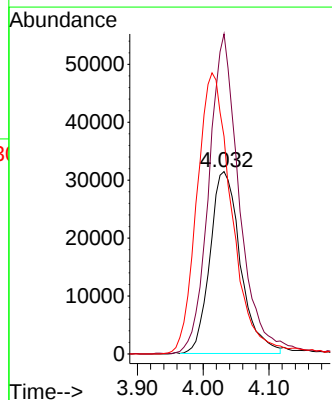
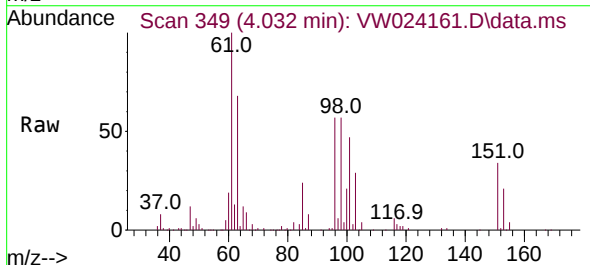
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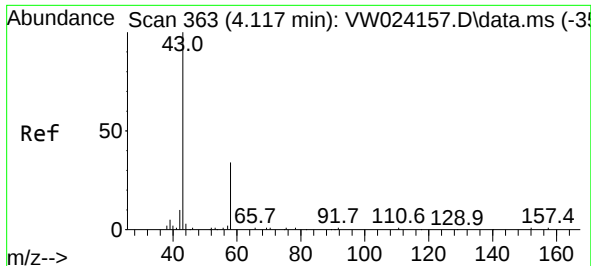
Tgt Ion:101 Resp: 119627
 Ion Ratio Lower Upper
 101 100
 85 47.5 34.9 52.3
 151 75.4 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 26.854 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.000 min
 Lab File: VW024161.D
 Acq: 04 Aug 2022 12:13

Tgt Ion: 96 Resp: 101203
 Ion Ratio Lower Upper
 96 100
 61 175.5 123.1 228.5
 63 119.3 84.9 157.7

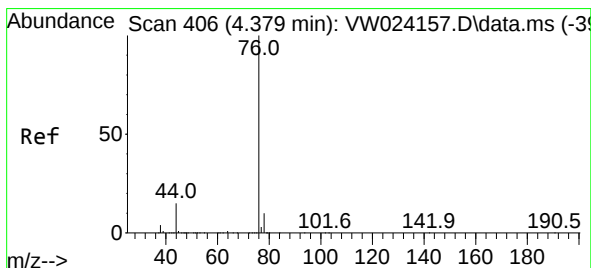
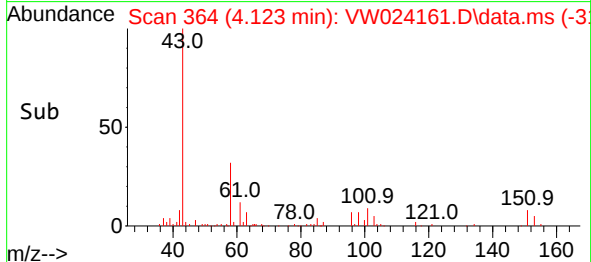
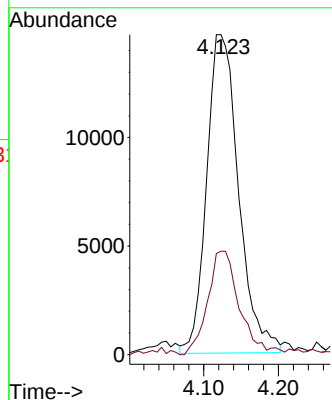
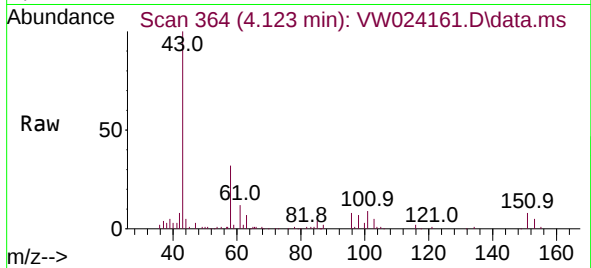




#13
Acetone
Concen: 48.580 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW024161.D
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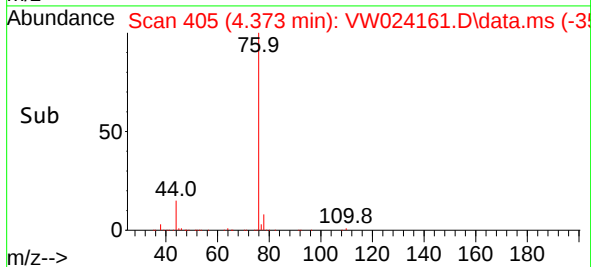
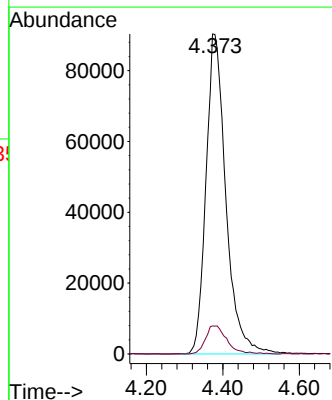
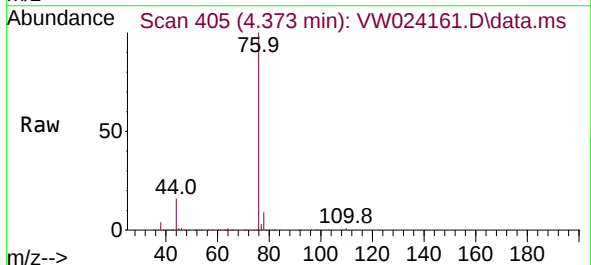
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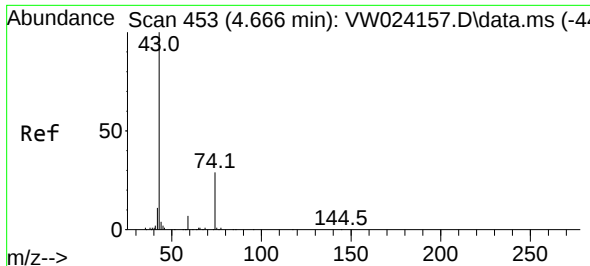
Tgt Ion: 43 Resp: 43601
Ion Ratio Lower Upper
43 100
58 30.9 0.0 31.8



#14
Carbon disulfide
Concen: 27.043 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 326121
Ion Ratio Lower Upper
76 100
78 8.7 7.9 11.9

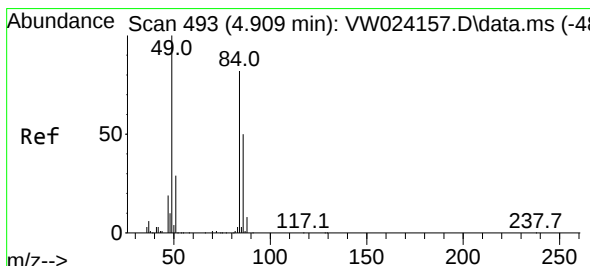
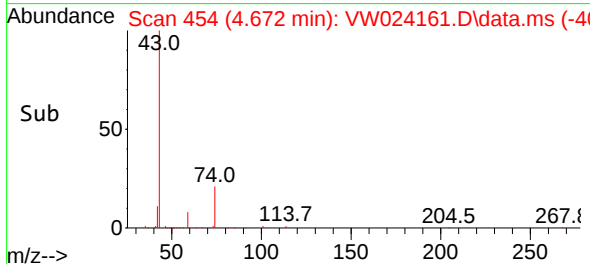
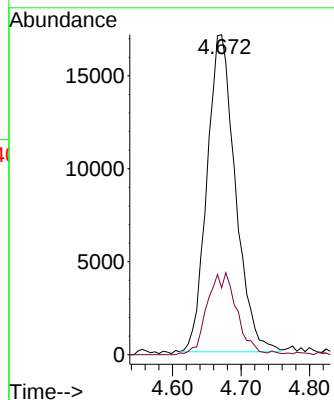
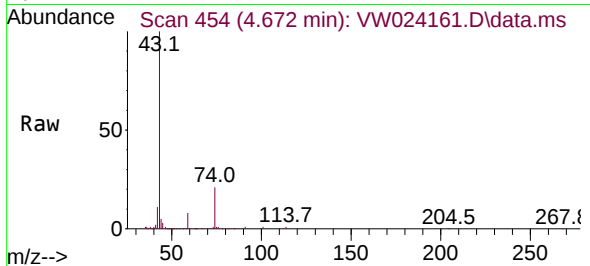




#15
Methyl Acetate
Concen: 24.367 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

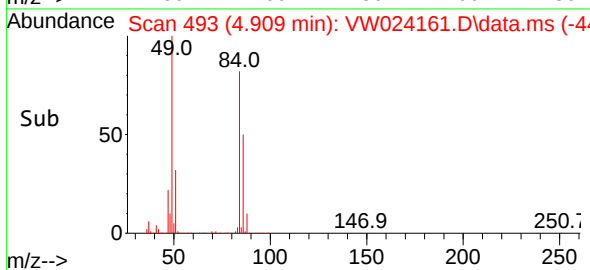
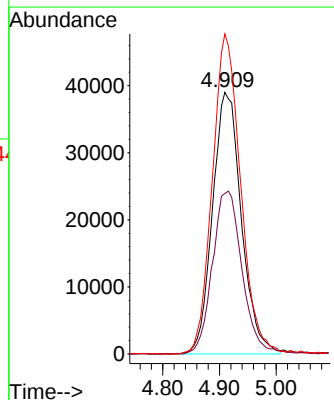
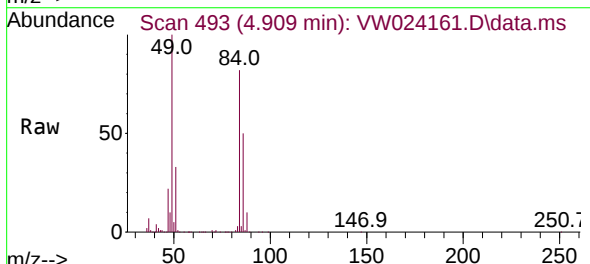
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

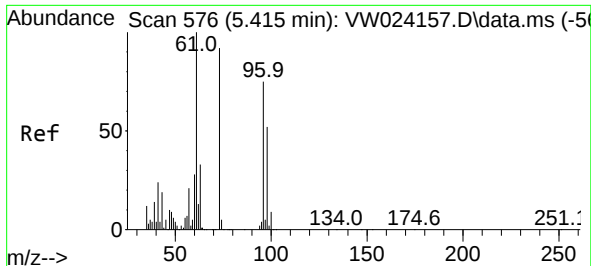
Tgt Ion: 43 Resp: 49259
Ion Ratio Lower Upper
43 100
74 14.4 21.5 32.3#



#16
Methylene chloride
Concen: 24.949 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 84 Resp: 137919
Ion Ratio Lower Upper
84 100
86 61.4 42.8 79.6
49 122.3 85.3 158.3

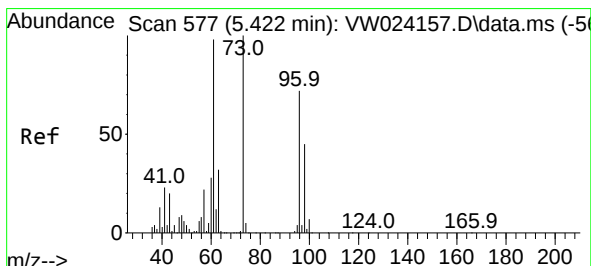
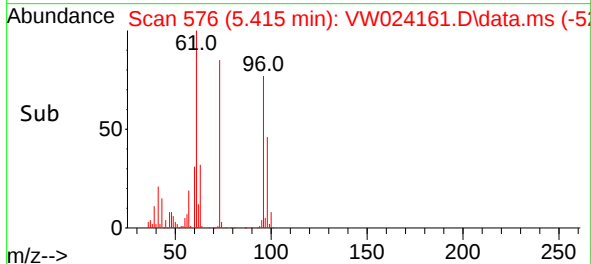
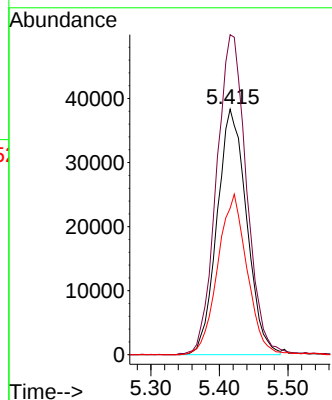
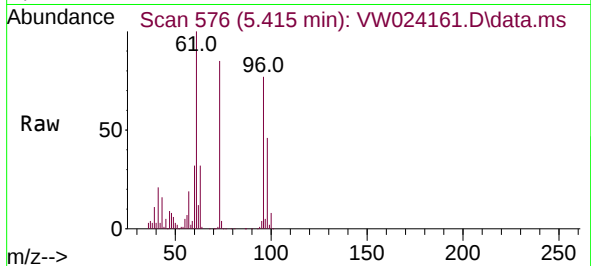




#17
trans-1,2-Dichloroethene
Concen: 26.415 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

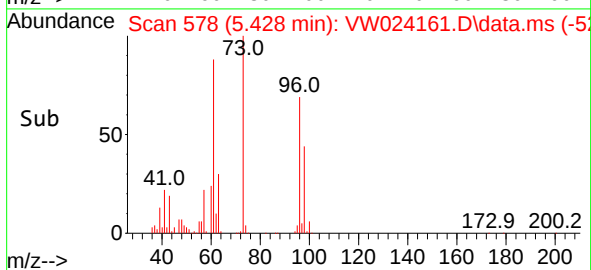
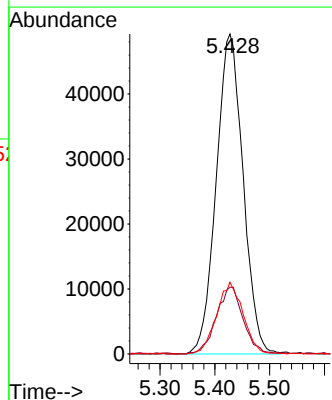
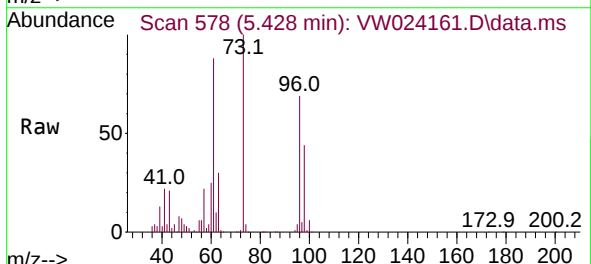
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

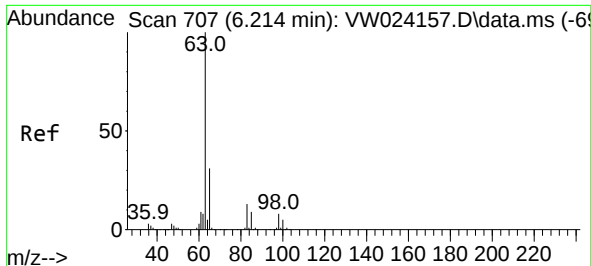
Tgt Ion: 96 Resp: 114960
Ion Ratio Lower Upper
96 100
61 130.4 93.0 172.8
98 59.6 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 26.980 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 73 Resp: 167432
Ion Ratio Lower Upper
73 100
43 21.0 16.6 24.8
57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 25.911 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

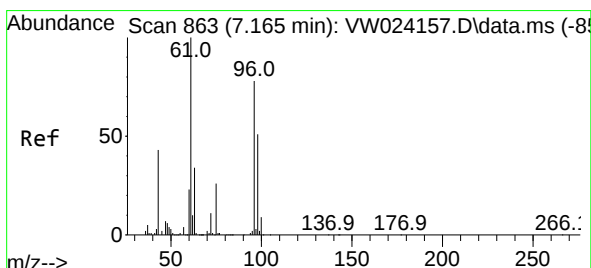
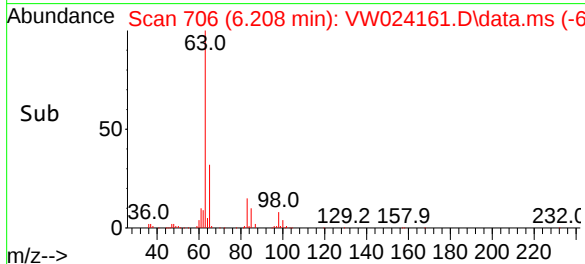
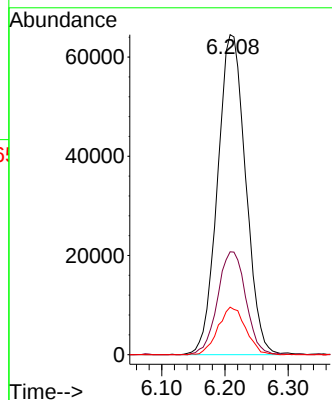
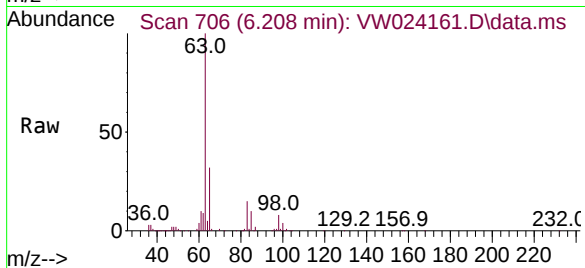
Tgt Ion: 63 Resp: 198640

Ion Ratio Lower Upper

63 100

65 32.2 22.0 41.0

83 14.9 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 25.930 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

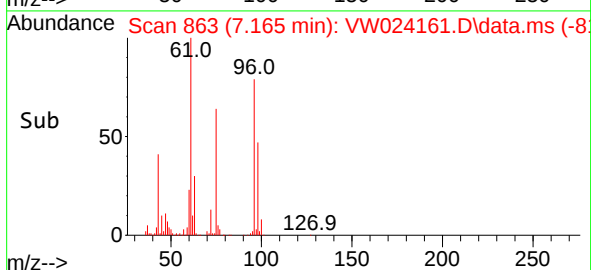
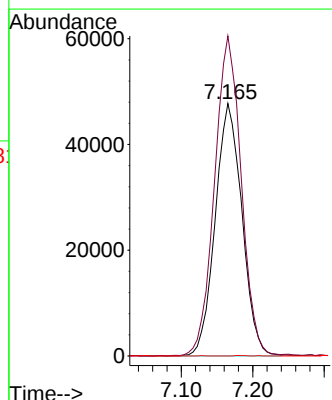
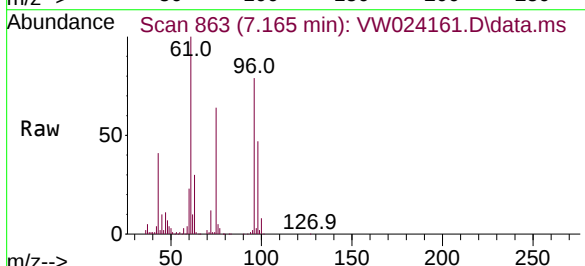
Tgt Ion: 96 Resp: 123934

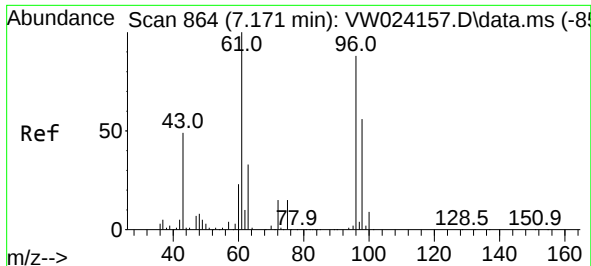
Ion Ratio Lower Upper

96 100

61 126.7 89.5 166.3

68 0.0 0.1 0.1#

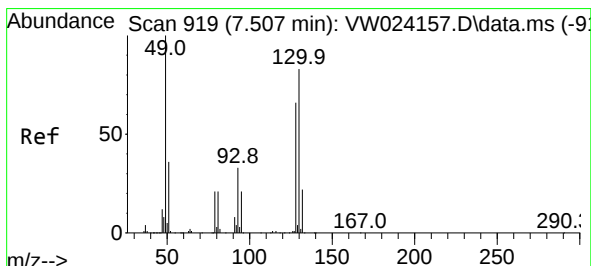
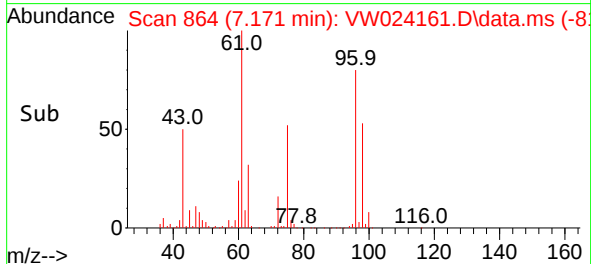
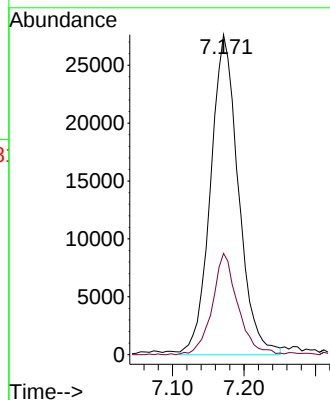
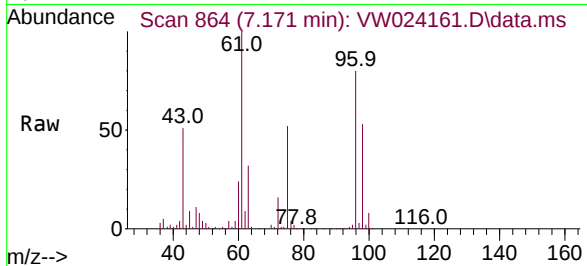




#22
2-Butanone
Concen: 49.579 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

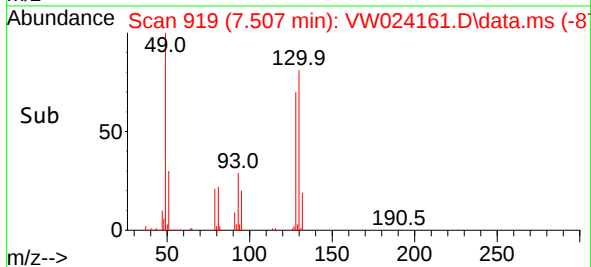
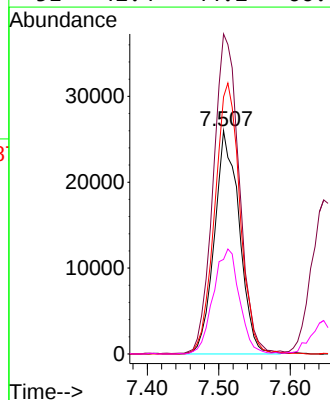
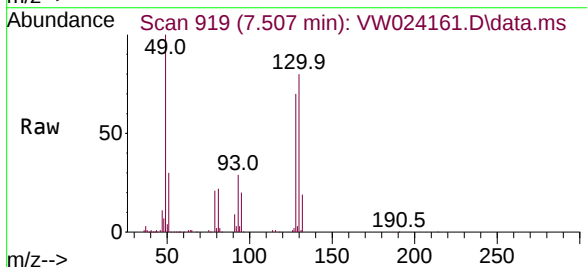
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

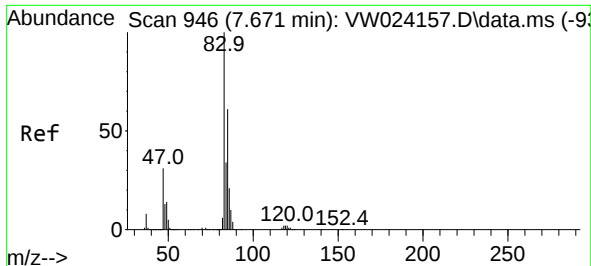
Tgt Ion: 43 Resp: 74982
Ion Ratio Lower Upper
43 100
72 28.3 14.3 42.9



#23
Bromochloromethane
Concen: 26.295 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 128 Resp: 62589
Ion Ratio Lower Upper
128 100
49 143.4 106.6 198.0
130 115.2 88.1 163.5
51 42.4 44.2 66.4#

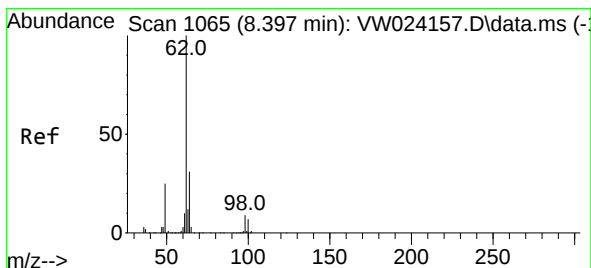
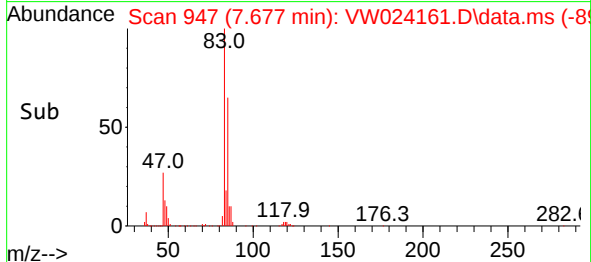
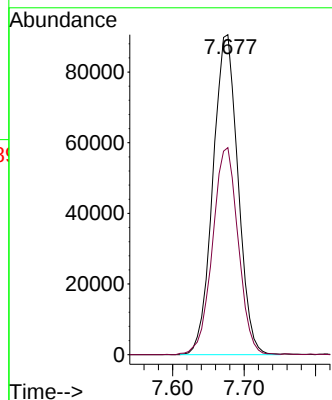
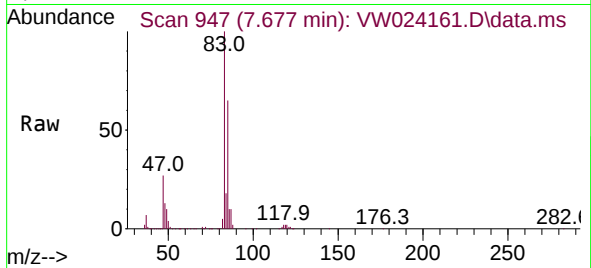




#25
Chloroform
Concen: 26.140 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

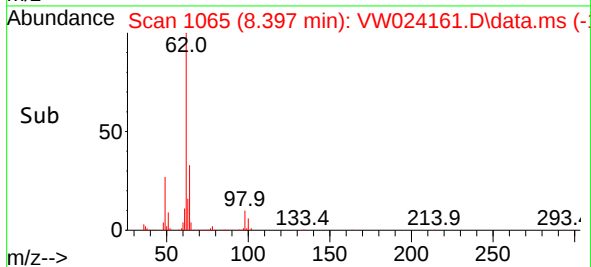
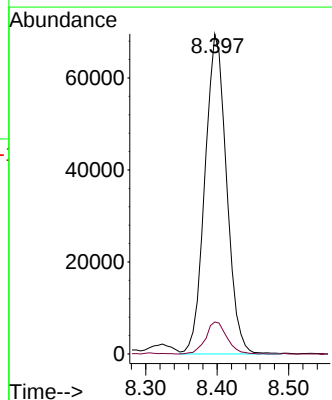
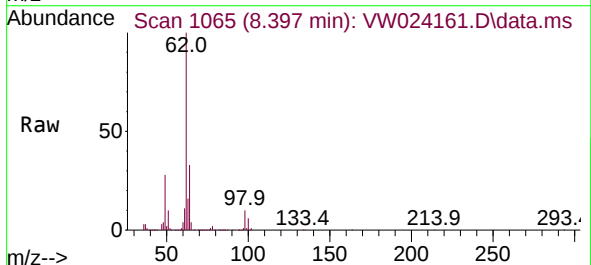
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

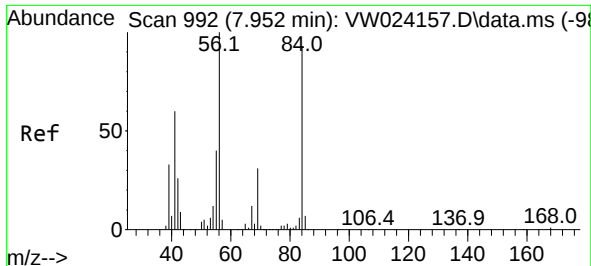
Tgt Ion: 83 Resp: 220821
Ion Ratio Lower Upper
83 100
85 64.7 42.9 79.7



#27
1,2-Dichloroethane
Concen: 25.749 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 62 Resp: 146367
Ion Ratio Lower Upper
62 100
98 10.0 7.4 11.0





#29

Cyclohexane

Concen: 28.674 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

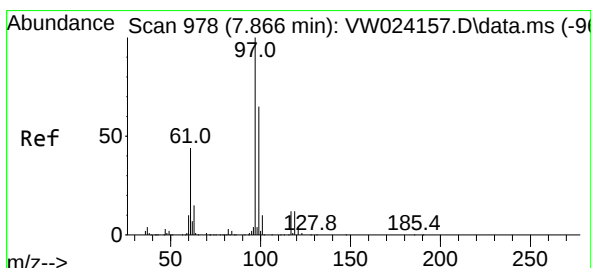
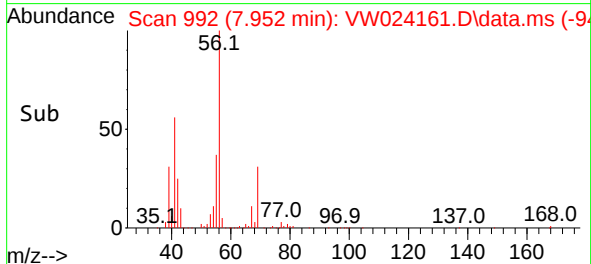
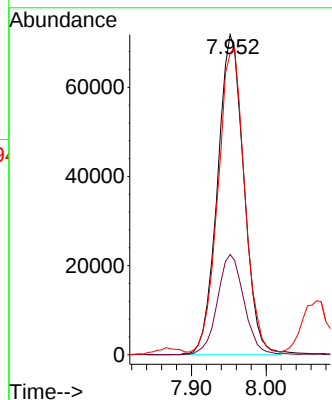
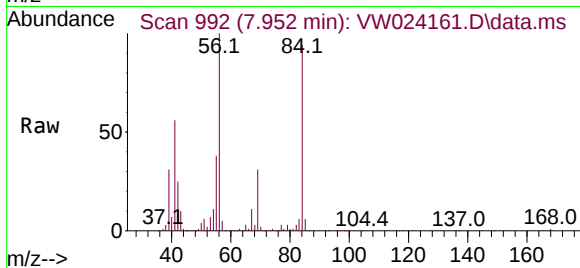
Tgt Ion: 56 Resp: 176291

Ion Ratio Lower Upper

56 100

69 31.6 24.5 36.7

84 96.7 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 26.996 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

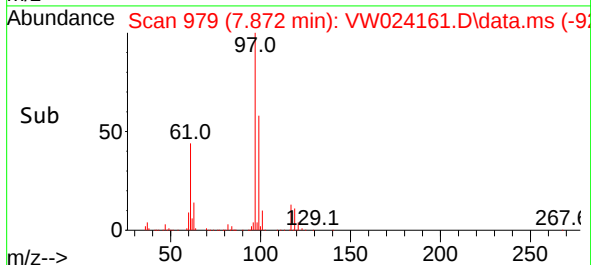
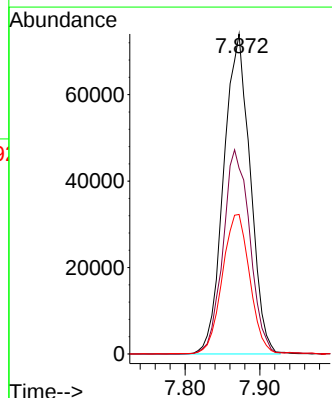
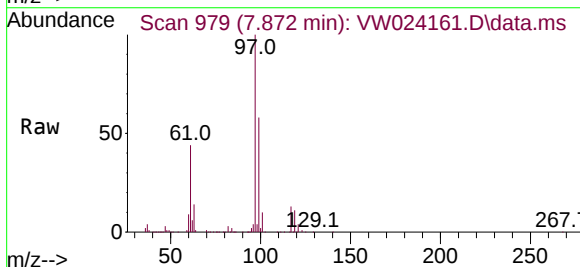
Tgt Ion: 97 Resp: 182571

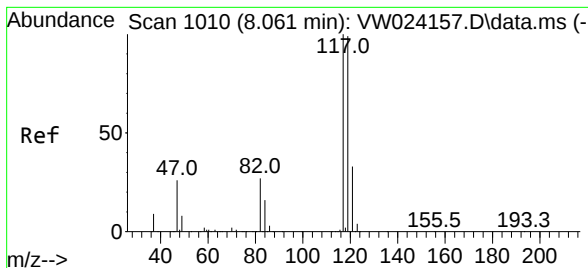
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 45.2 36.2 54.2





#31

Carbon tetrachloride

Concen: 27.174 ug/L

RT: 8.067 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

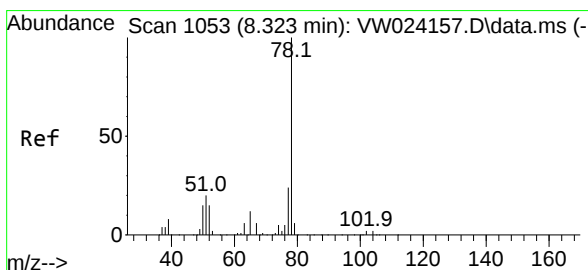
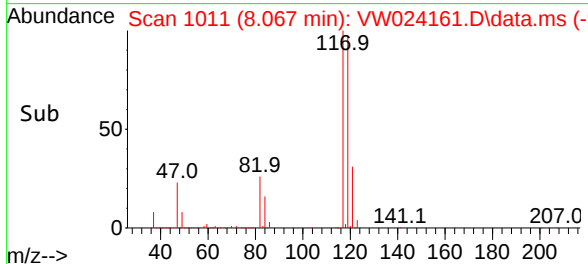
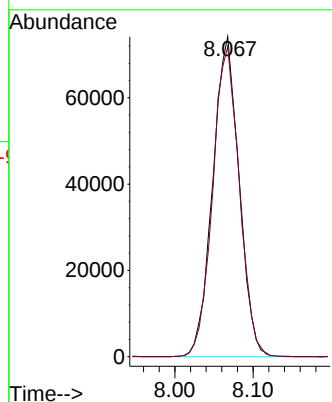
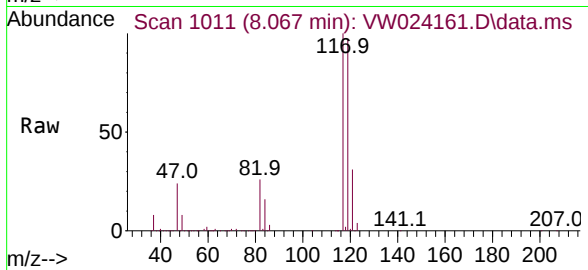
VSTD025520

Tgt Ion:117 Resp: 173373

Ion Ratio Lower Upper

117 100

119 98.0 77.8 116.8



#33

Benzene

Concen: 27.087 ug/L

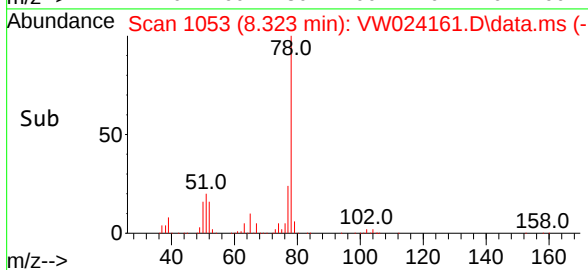
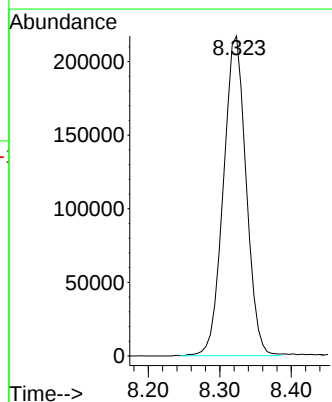
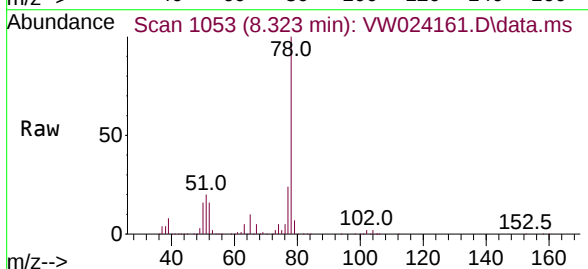
RT: 8.323 min Scan# 1053

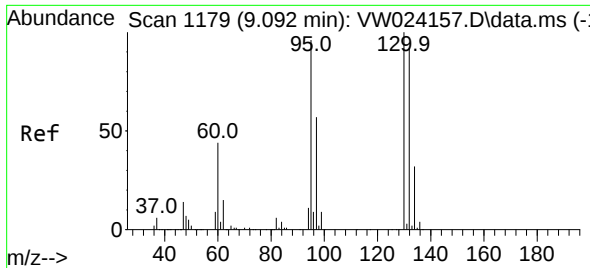
Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Tgt Ion: 78 Resp: 479766



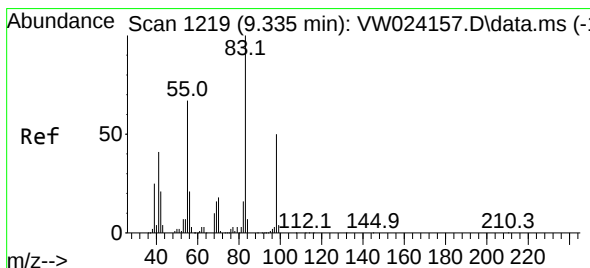
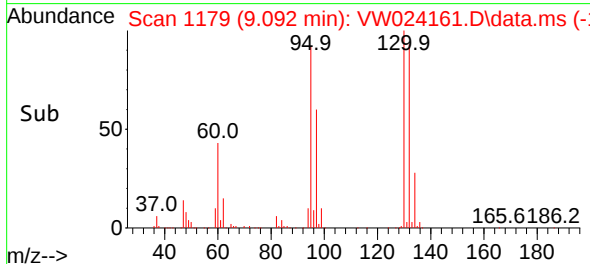
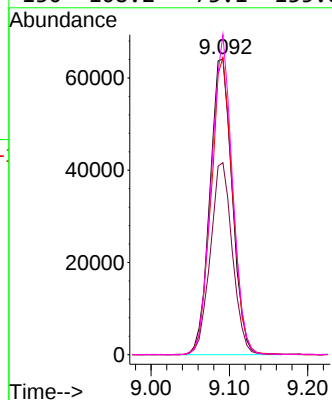
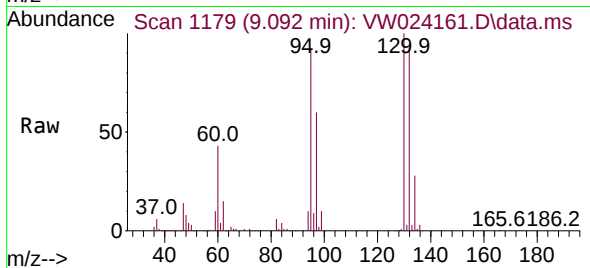


#34
Trichloroethene
Concen: 27.120 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Tgt Ion: 95 Resp: 126960

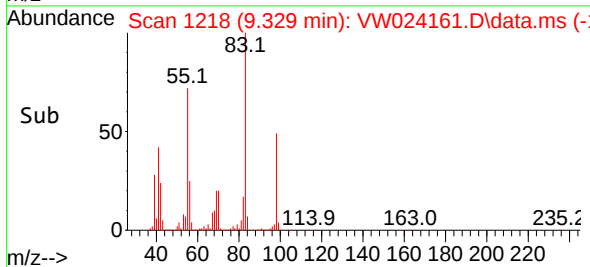
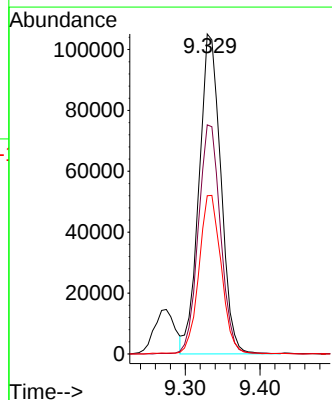
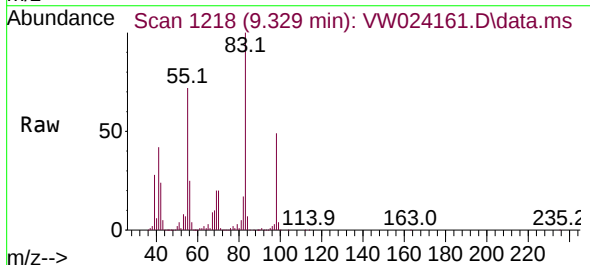
Ion	Ratio	Lower	Upper
95	100		
97	64.9	41.6	77.2
132	100.5	67.0	124.4
130	108.2	73.1	135.8

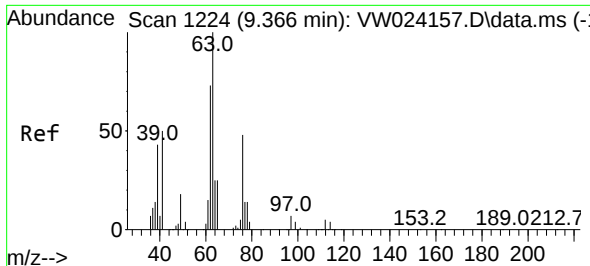


#35
Methylcyclohexane
Concen: 28.963 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 83 Resp: 212627

Ion	Ratio	Lower	Upper
83	100		
55	72.6	59.1	88.7
98	50.5	40.8	61.2





#37

1,2-Dichloropropane

Concen: 26.248 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

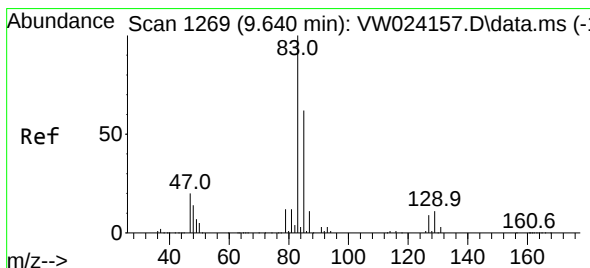
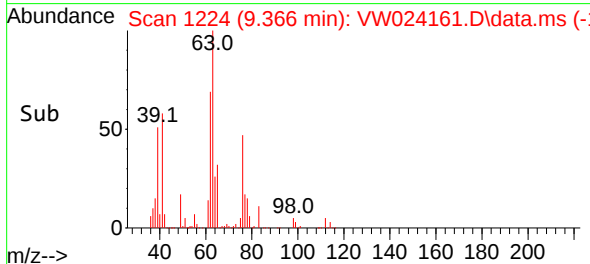
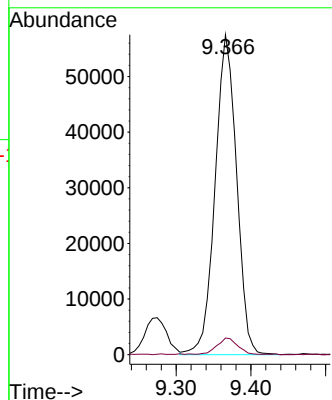
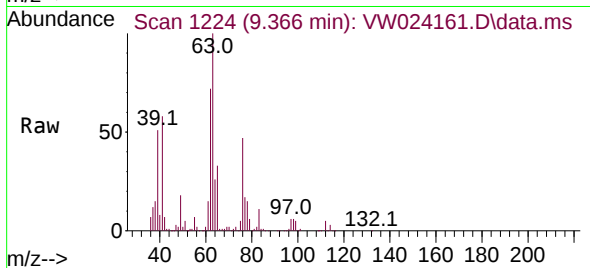
VSTD025520

Tgt Ion: 63 Resp: 114922

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 26.155 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

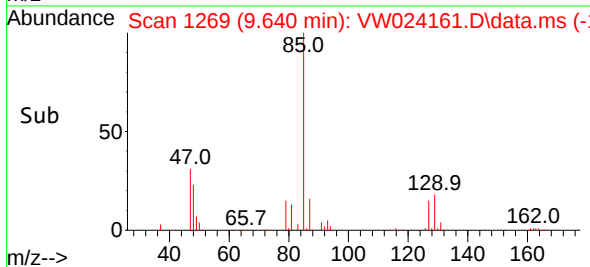
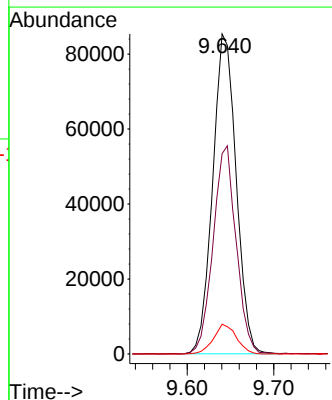
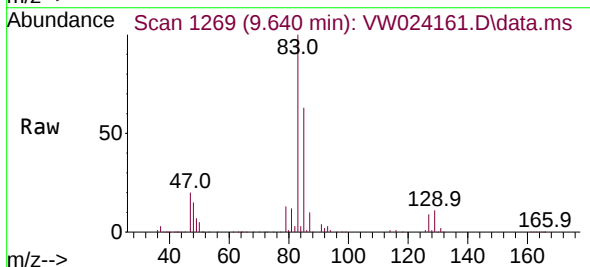
Tgt Ion: 83 Resp: 160611

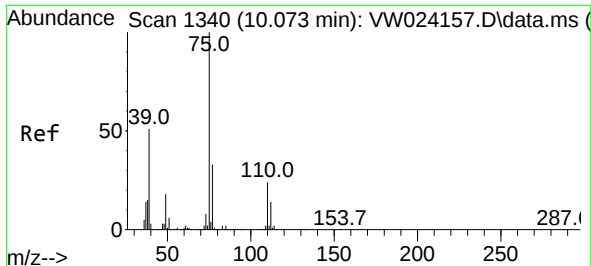
Ion Ratio Lower Upper

83 100

85 62.6 43.7 81.1

127 9.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 27.760 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

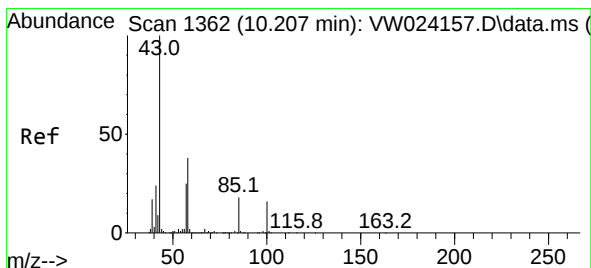
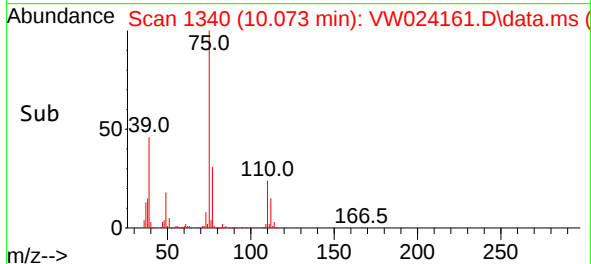
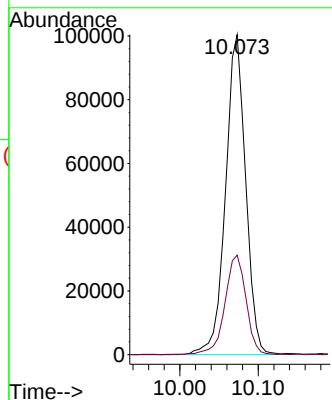
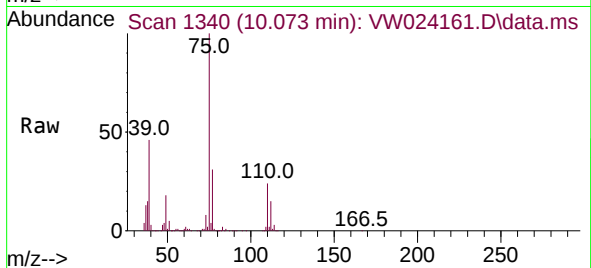
VSTD025520

Tgt Ion: 75 Resp: 178811

Ion Ratio Lower Upper

75 100

77 31.1 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 54.894 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

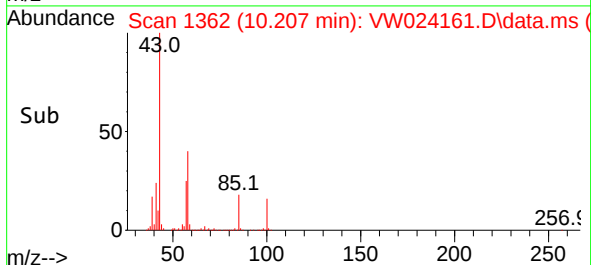
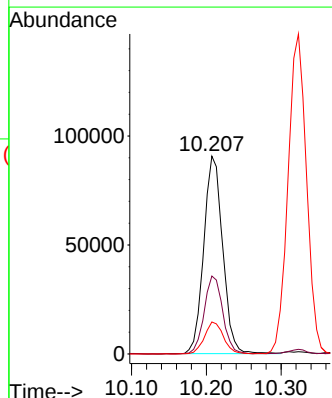
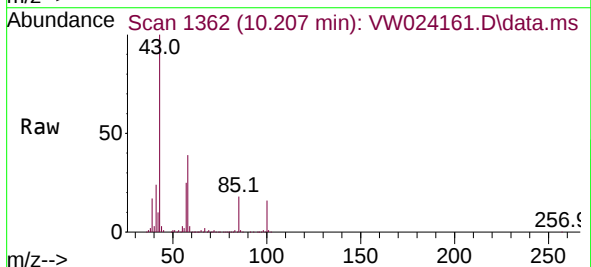
Tgt Ion: 43 Resp: 159508

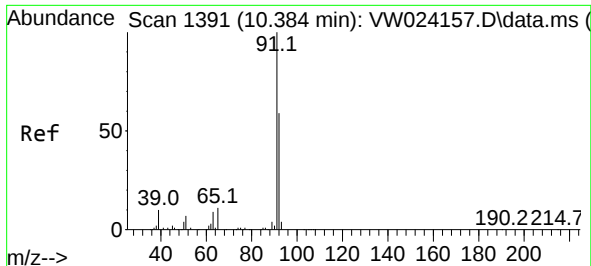
Ion Ratio Lower Upper

43 100

58 38.8 30.5 45.7

100 16.3 13.8 20.6

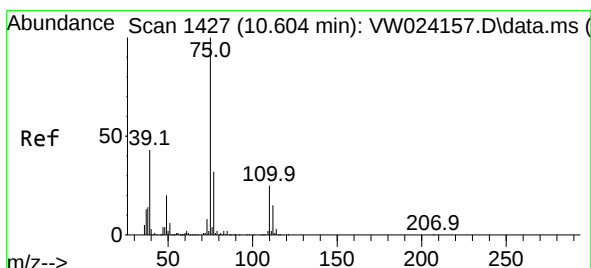
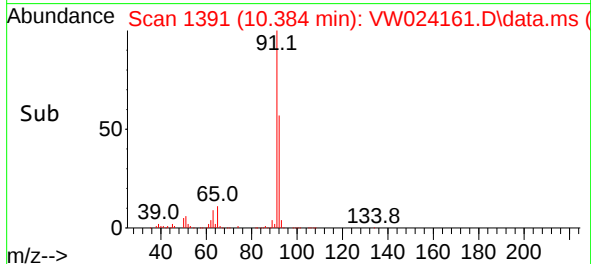
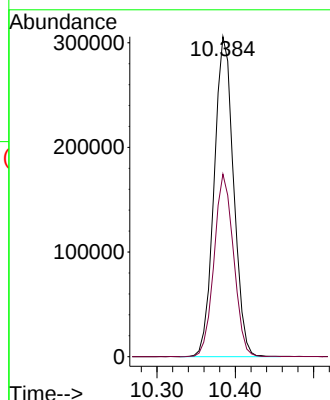
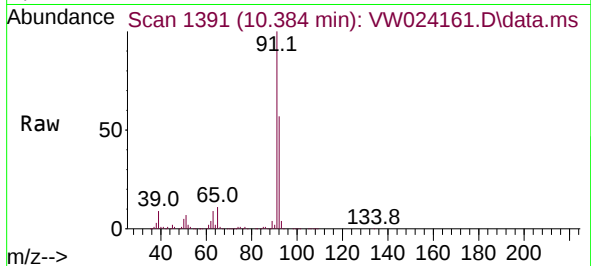




#42
Toluene
Concen: 28.045 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

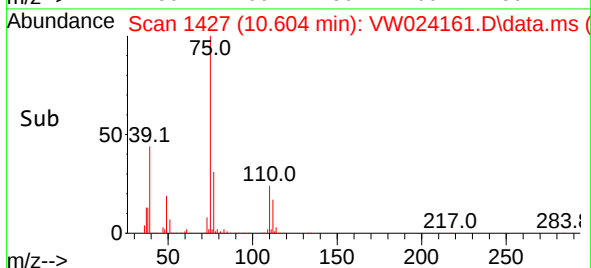
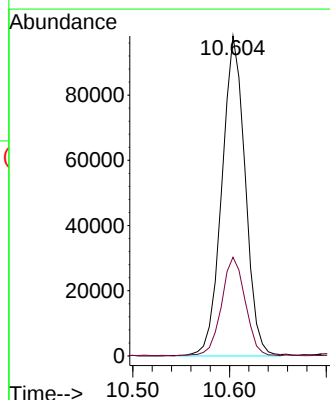
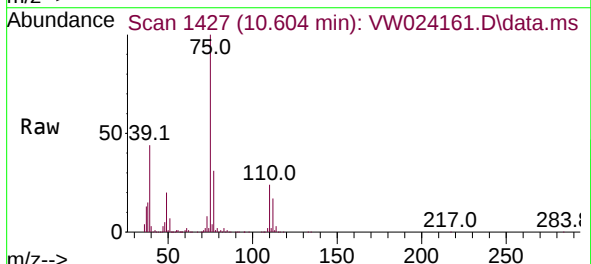
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

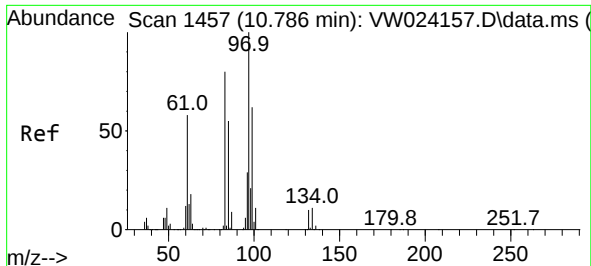
Tgt Ion: 91 Resp: 527847
Ion Ratio Lower Upper
91 100
92 57.0 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 27.919 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 75 Resp: 164321
Ion Ratio Lower Upper
75 100
77 30.8 22.4 41.6



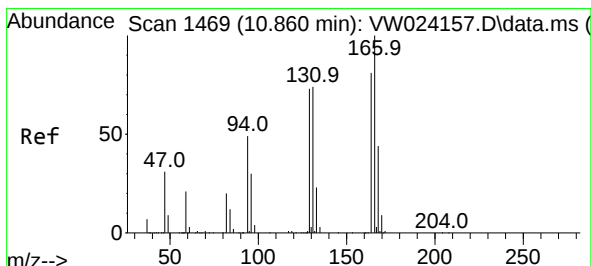
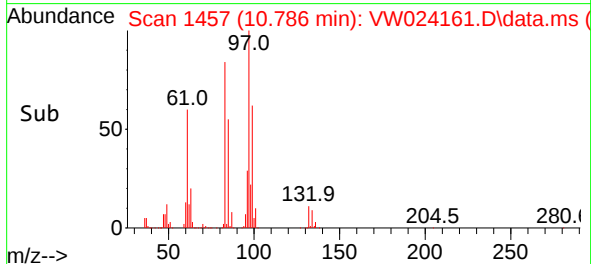
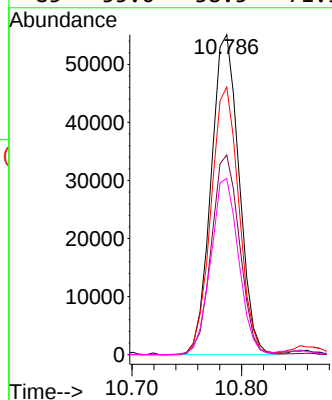
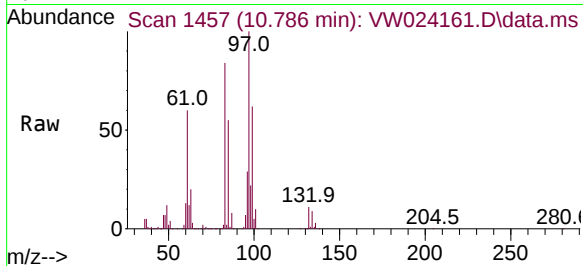


#45
1,1,2-Trichloroethane
Concen: 26.506 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Tgt Ion: 97 Resp: 97813

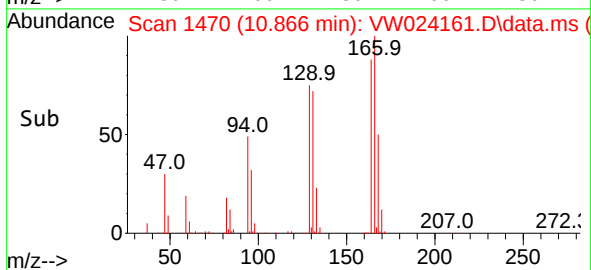
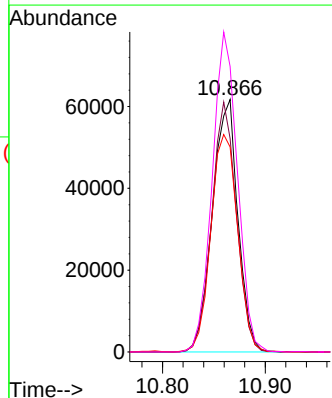
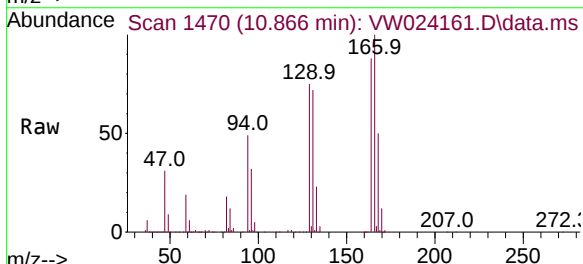
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.8	81.3
83	83.7	56.4	104.7
85	55.0	38.5	71.5

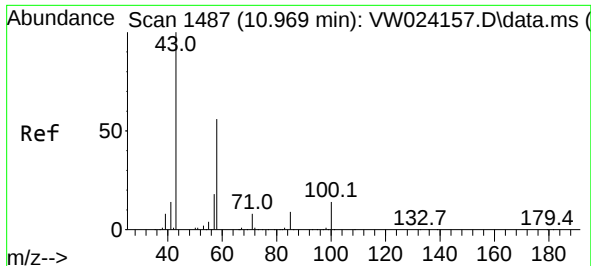


#46
Tetrachloroethene
Concen: 28.024 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion:164 Resp: 106212

Ion	Ratio	Lower	Upper
164	100		
129	84.6	63.1	117.3
131	81.1	63.9	118.7
166	113.0	86.8	161.2

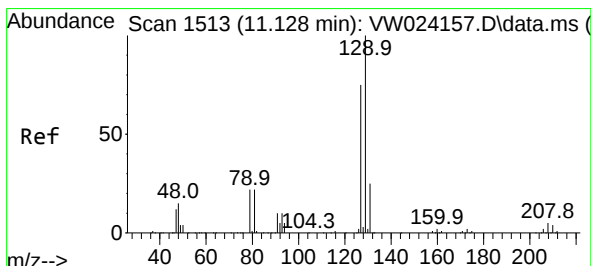
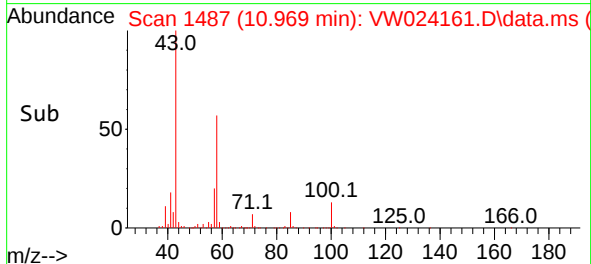
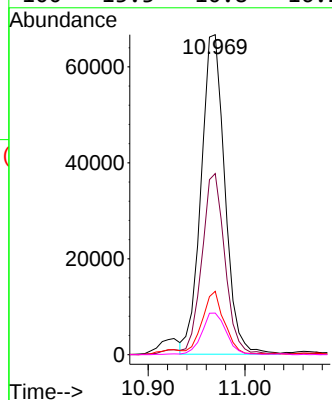
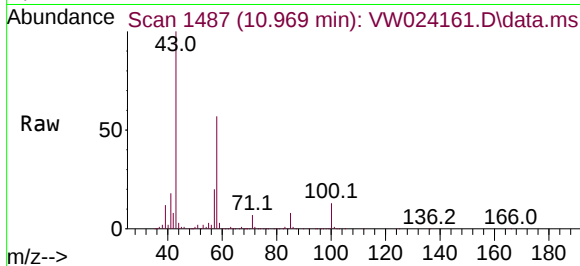




#48
2-Hexanone
Concen: 57.787 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

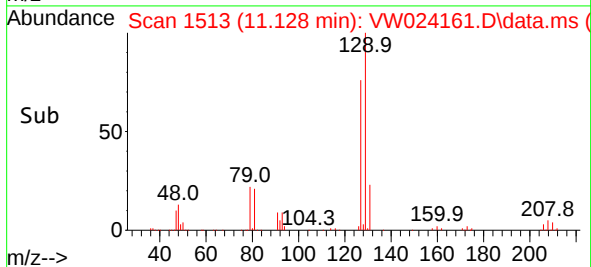
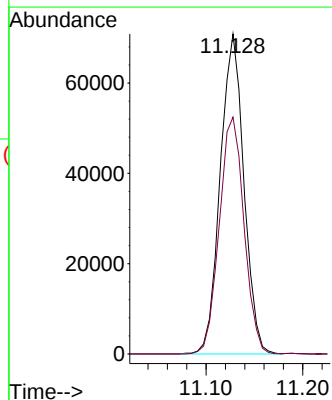
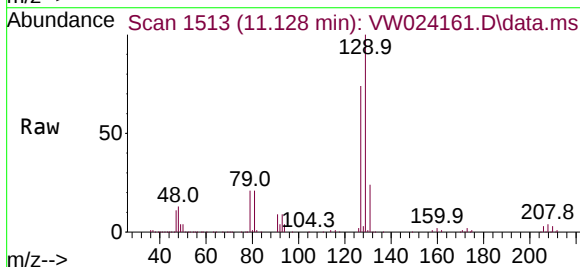
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

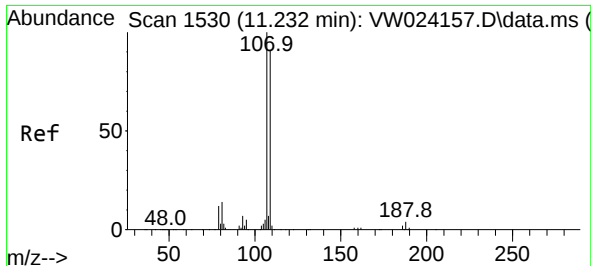
Tgt Ion: 43 Resp: 113955
Ion Ratio Lower Upper
43 100
58 54.9 43.4 65.0
57 18.7 15.0 22.4
100 13.3 10.8 16.2



#49
Dibromochloromethane
Concen: 27.020 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 129 Resp: 120040
Ion Ratio Lower Upper
129 100
127 74.0 52.3 97.1





#50

1,2-Dibromoethane

Concen: 26.653 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

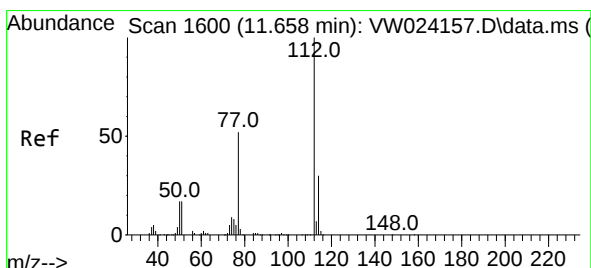
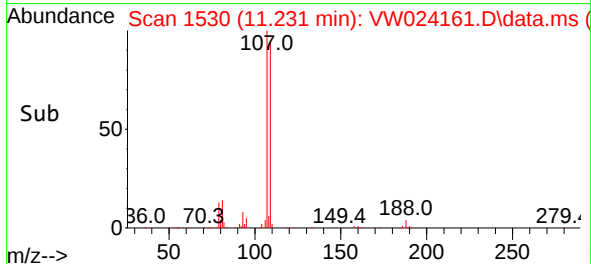
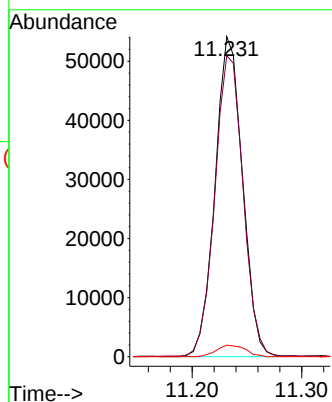
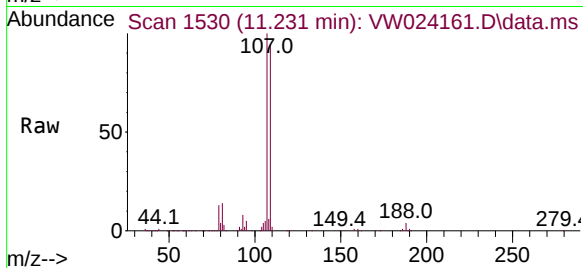
Tgt Ion:107 Resp: 94236

Ion Ratio Lower Upper

107 100

109 94.1 64.0 119.0

188 3.6 3.1 4.7



#51

Chlorobenzene

Concen: 26.767 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

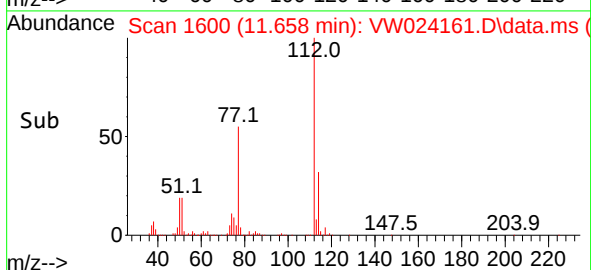
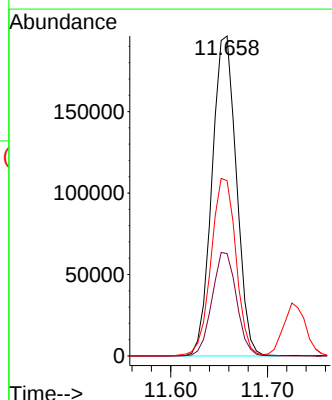
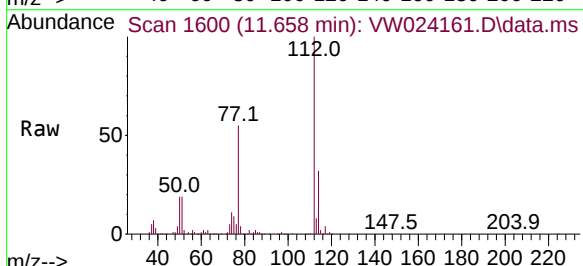
Tgt Ion:112 Resp: 344208

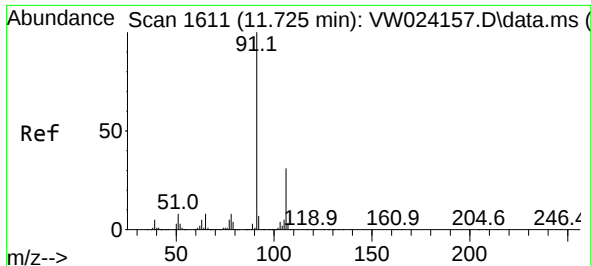
Ion Ratio Lower Upper

112 100

114 32.0 20.7 38.5

77 54.8 41.4 62.2

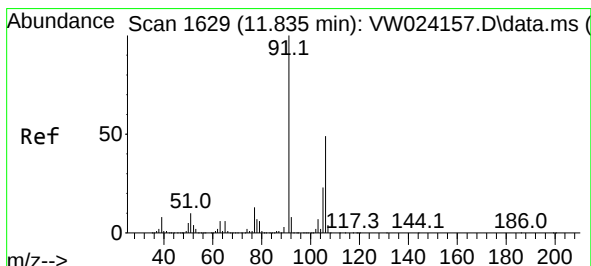
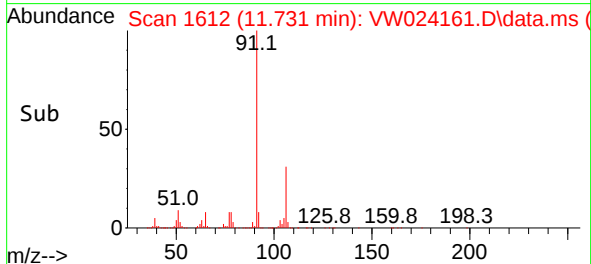
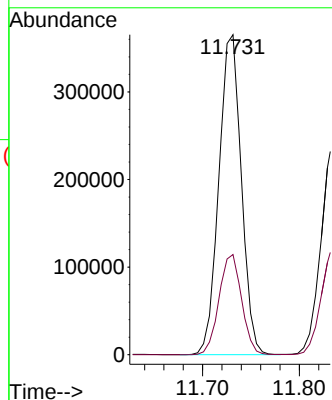
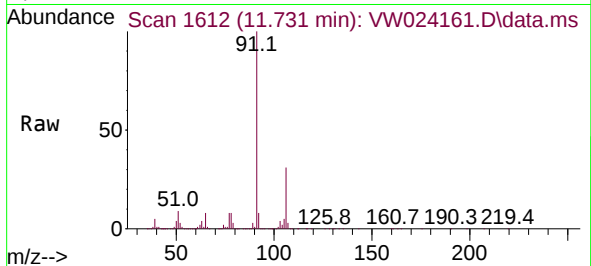




#52
Ethylbenzene
Concen: 28.526 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

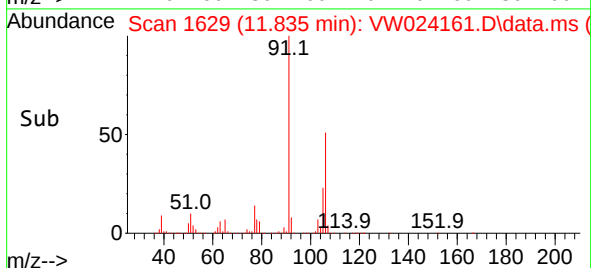
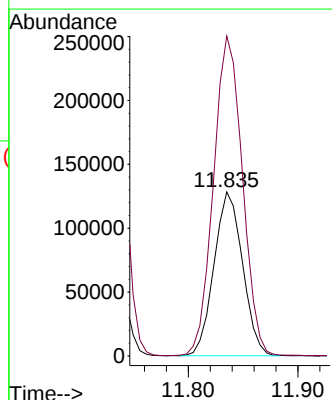
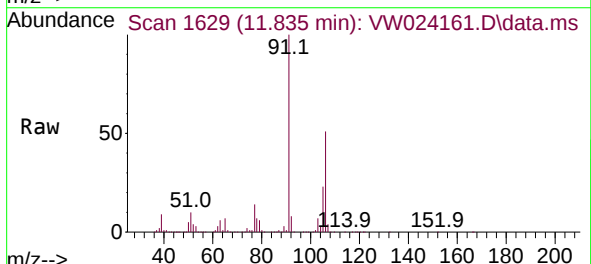
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

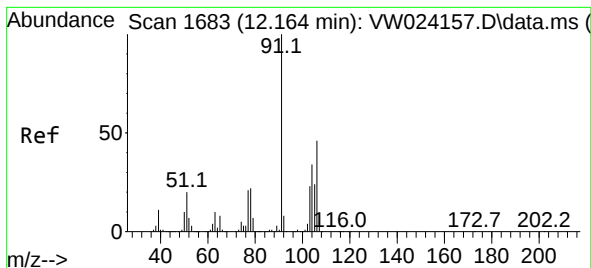
Tgt Ion: 91 Resp: 588238
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 28.865 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 106 Resp: 231697
Ion Ratio Lower Upper
106 100
91 195.1 144.1 267.7





#54

o-Xylene

Concen: 29.210 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

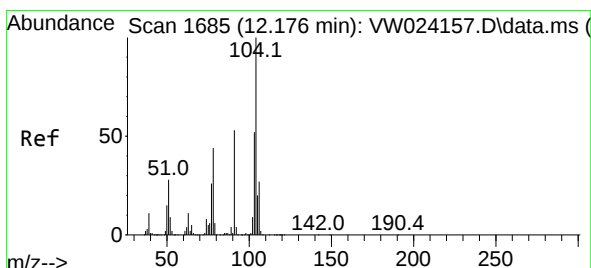
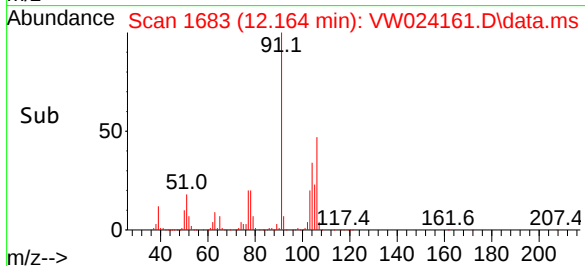
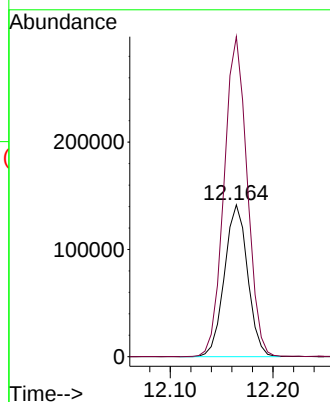
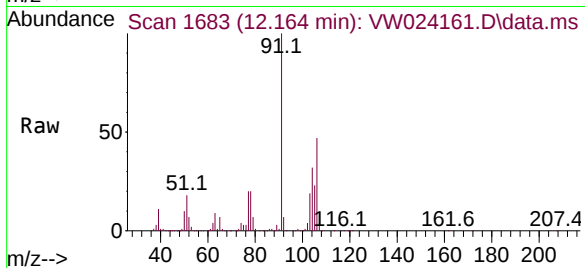
VSTD025520

Tgt Ion:106 Resp: 221503

Ion Ratio Lower Upper

106 100

91 210.7 150.9 280.3



#55

Styrene

Concen: 30.005 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024161.D

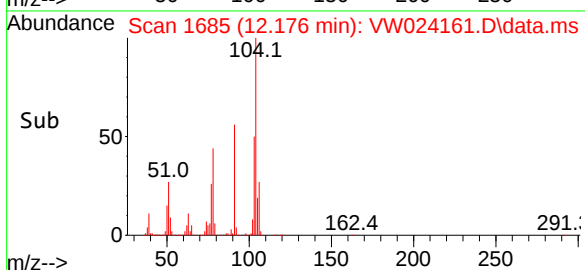
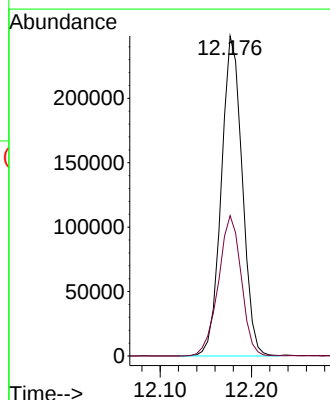
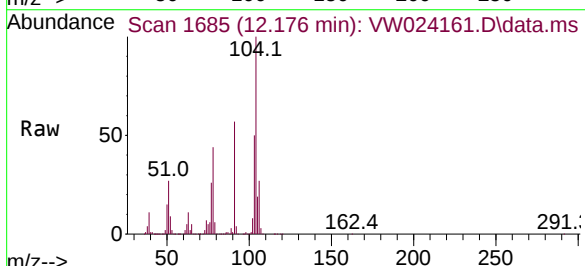
Acq: 04 Aug 2022 12:13

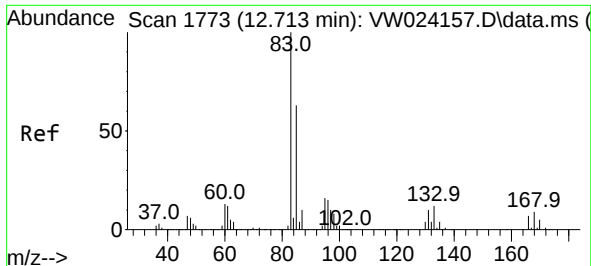
Tgt Ion:104 Resp: 395728

Ion Ratio Lower Upper

104 100

78 43.9 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 26.094 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

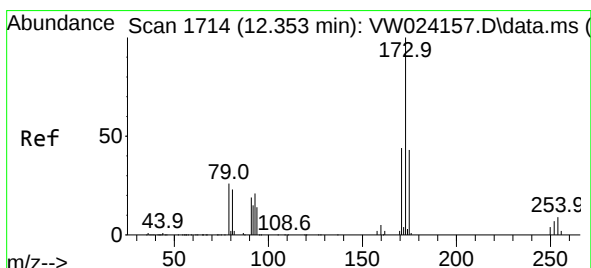
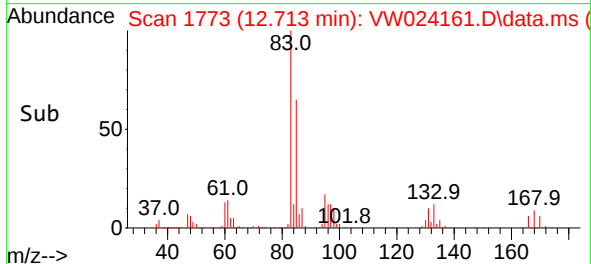
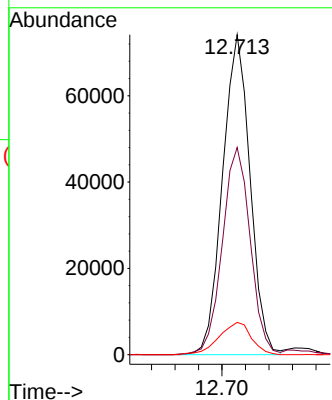
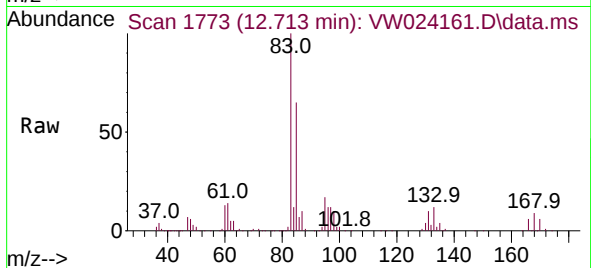
Tgt Ion: 83 Resp: 120346

Ion Ratio Lower Upper

83 100

85 64.8 44.1 81.9

131 10.1 8.3 12.5



#59

Bromoform

Concen: 27.482 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

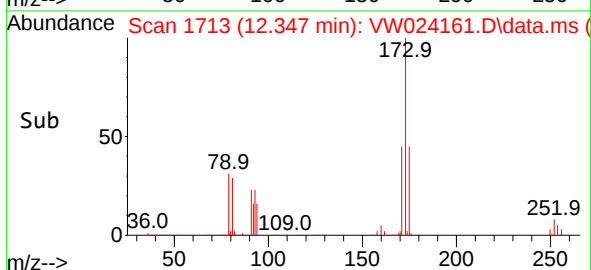
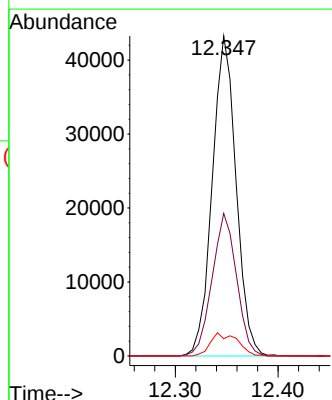
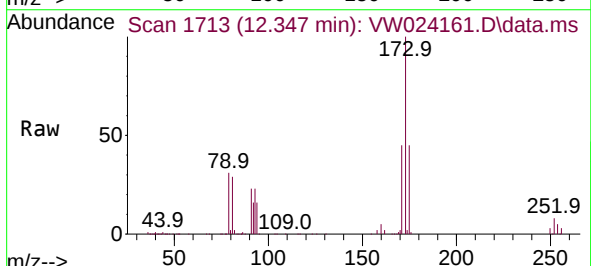
Tgt Ion: 173 Resp: 69679

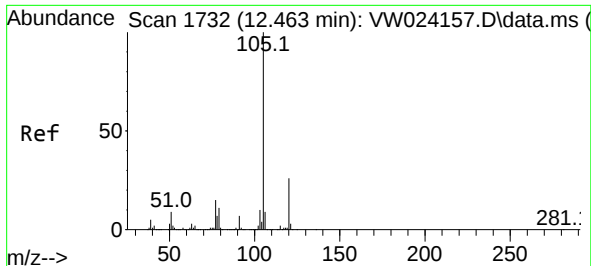
Ion Ratio Lower Upper

173 100

175 45.7 39.0 58.6

254 4.4 6.8 10.2#

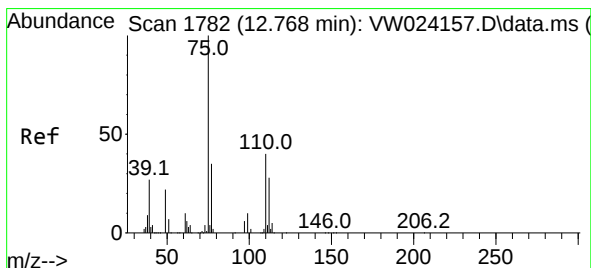
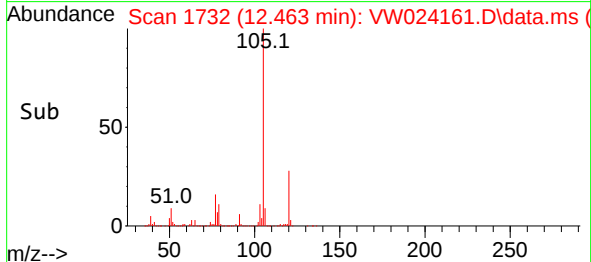
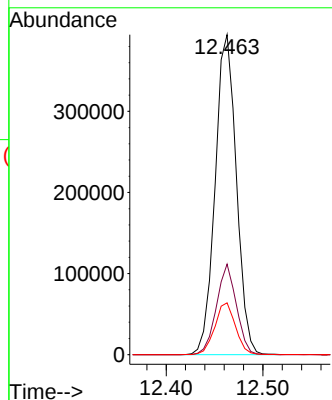
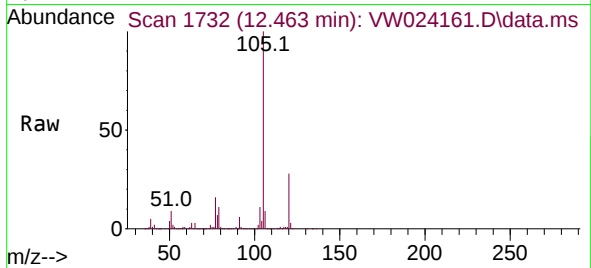




#60
Isopropylbenzene
Concen: 29.851 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

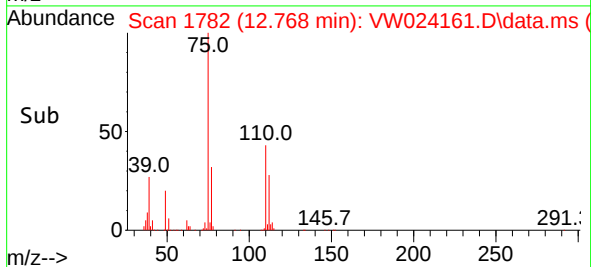
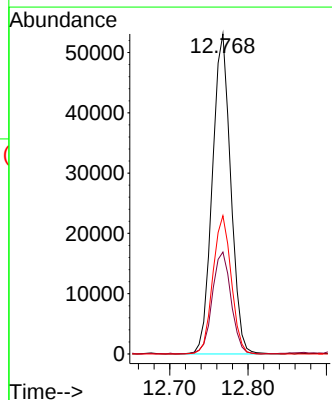
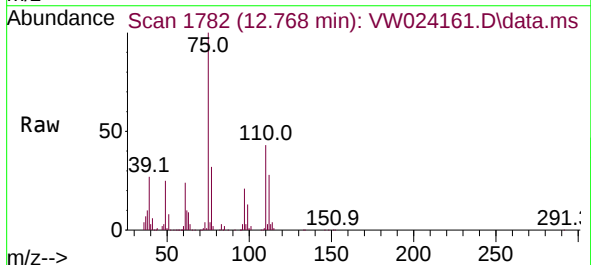
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

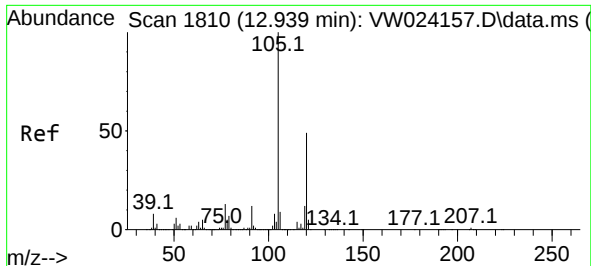
Tgt Ion:105 Resp: 600669
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 15.9 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 26.130 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 75 Resp: 86438
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 43.1 33.6 50.4

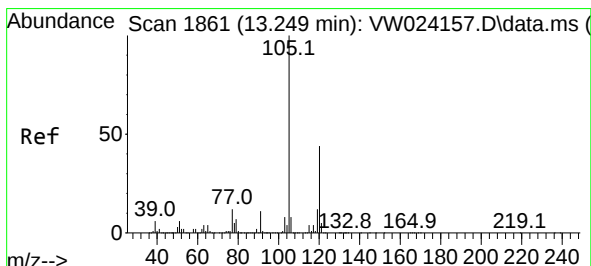
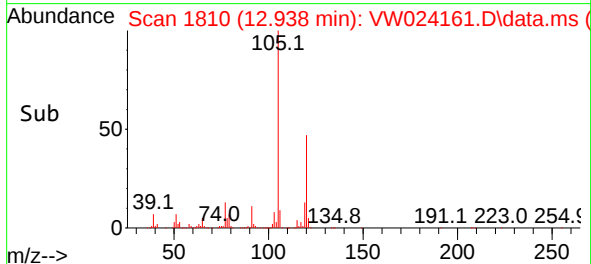
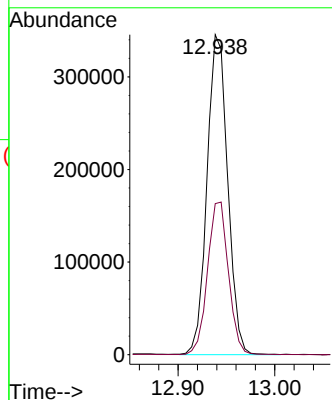
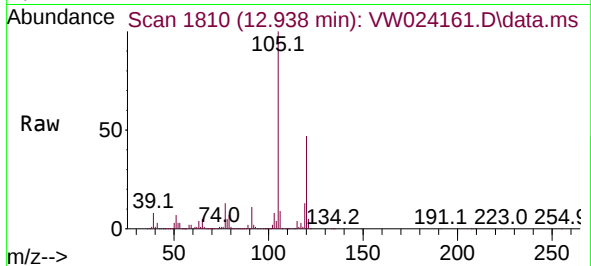




#62
1,3,5-Trimethylbenzene
Concen: 30.912 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

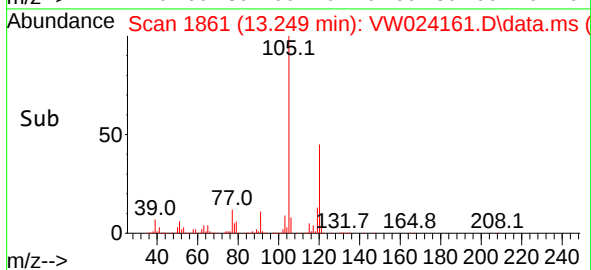
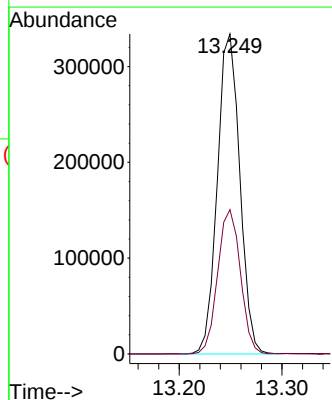
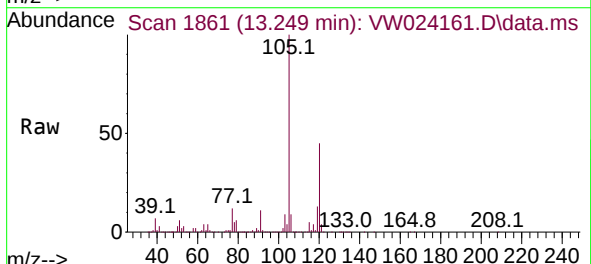
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

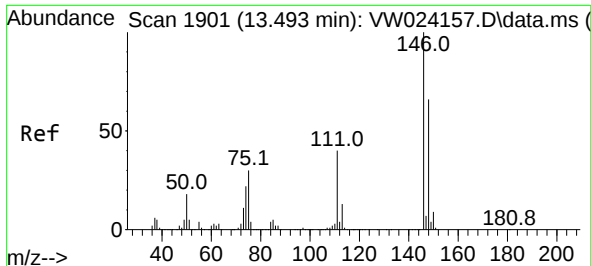
Tgt Ion:105 Resp: 514024
Ion Ratio Lower Upper
105 100
120 48.2 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 30.934 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion:105 Resp: 506604
Ion Ratio Lower Upper
105 100
120 45.6 36.4 54.6

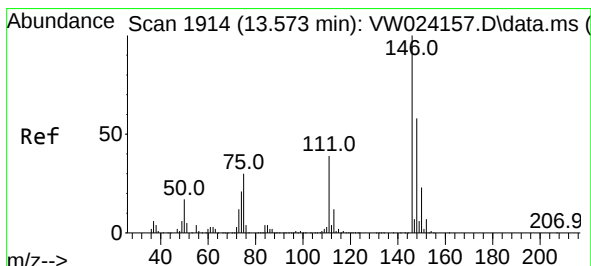
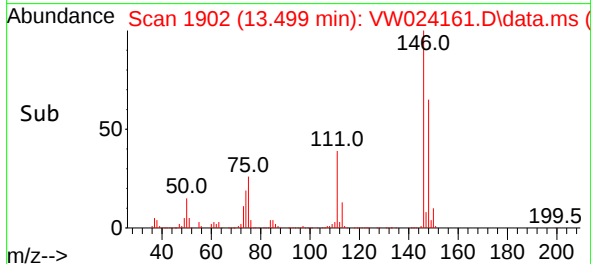
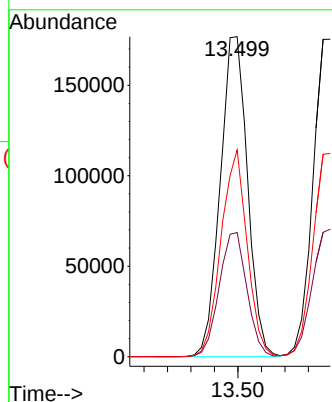
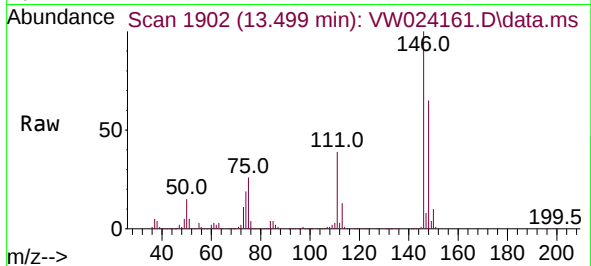




#64
1,3-Dichlorobenzene
Concen: 29.036 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

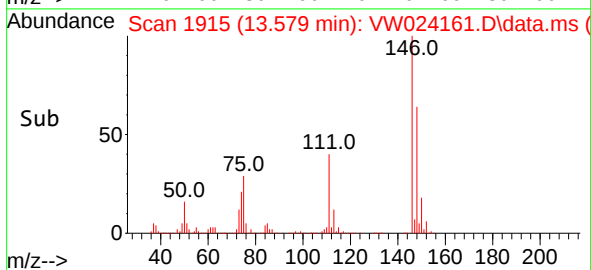
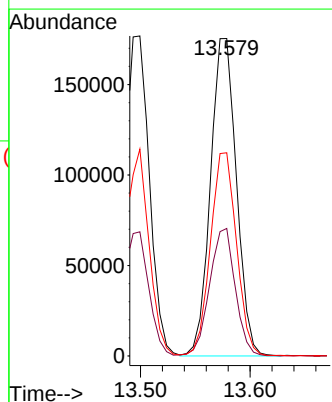
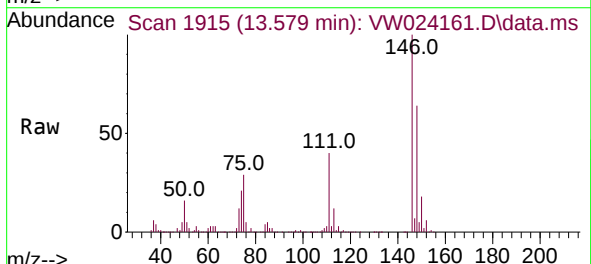
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

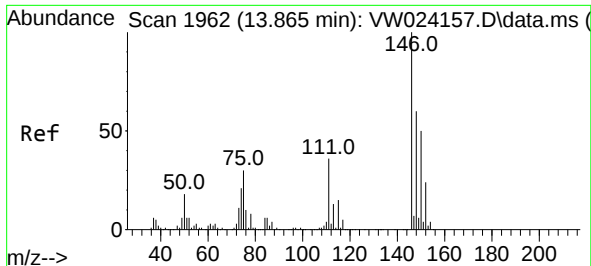
Tgt Ion:146 Resp: 286103
Ion Ratio Lower Upper
146 100
111 38.8 28.0 52.0
148 64.7 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 27.655 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024161.D
Acq: 04 Aug 2022 12:13

Tgt Ion:146 Resp: 288550
Ion Ratio Lower Upper
146 100
111 40.2 27.6 51.4
148 64.0 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 27.585 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

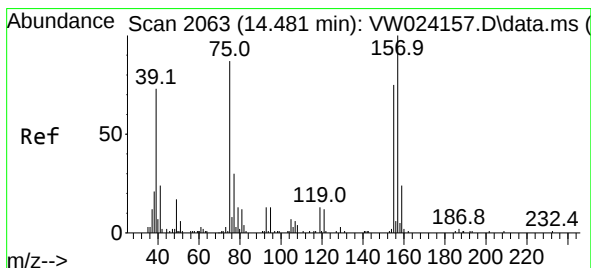
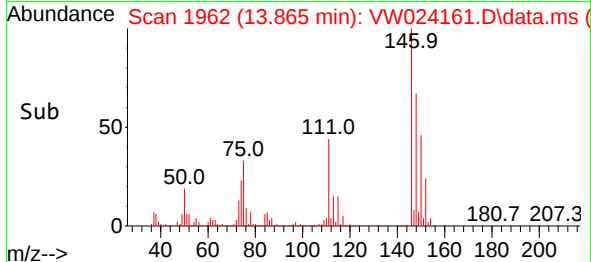
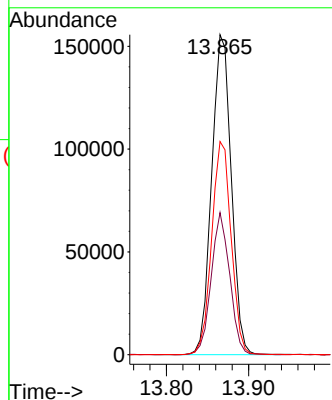
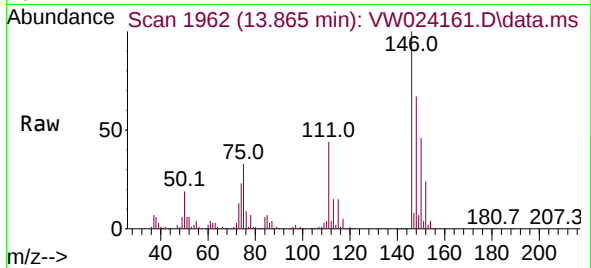
Tgt Ion:146 Resp: 258108

Ion Ratio Lower Upper

146 100

111 44.4 29.0 43.6#

148 66.6 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.759 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

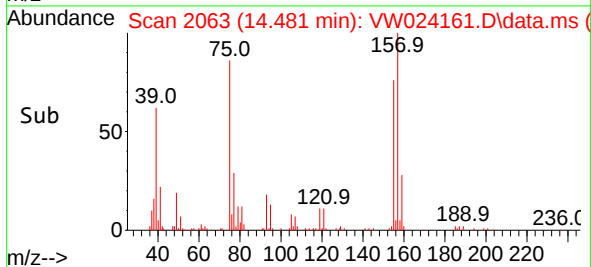
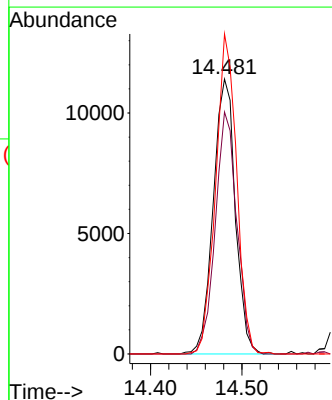
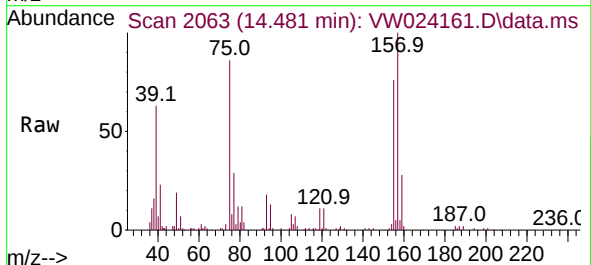
Tgt Ion: 75 Resp: 19136

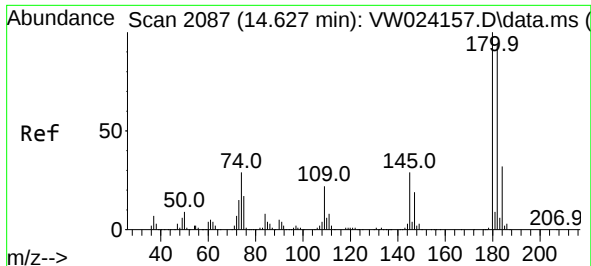
Ion Ratio Lower Upper

75 100

155 88.0 68.8 103.2

157 116.4 91.5 137.3





#69

1,3,5-Trichlorobenzene

Concen: 30.005 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW024161.D

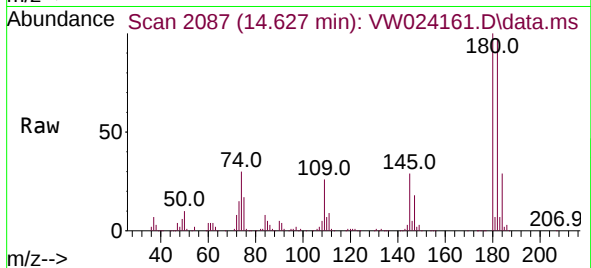
Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520



Tgt Ion:180 Resp: 193866

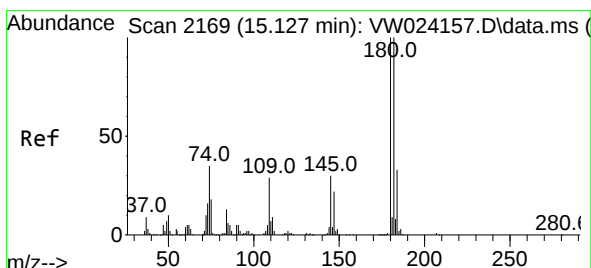
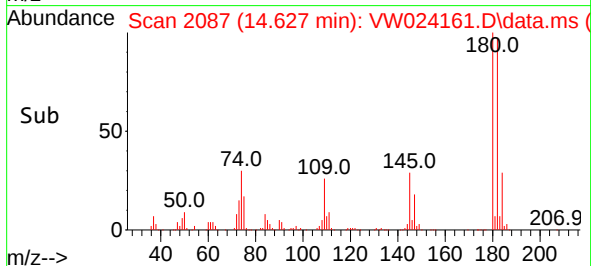
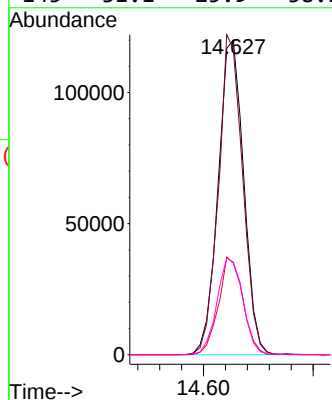
Ion Ratio Lower Upper

180 100

182 96.4 78.4 117.6

184 29.6 24.7 37.1

145 31.1 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 29.177 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

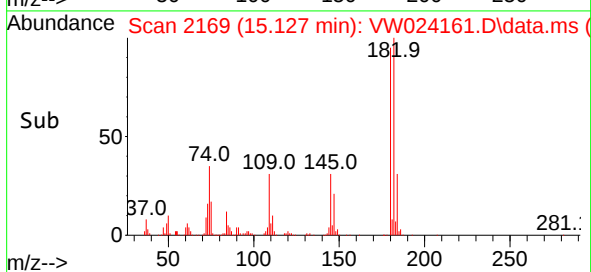
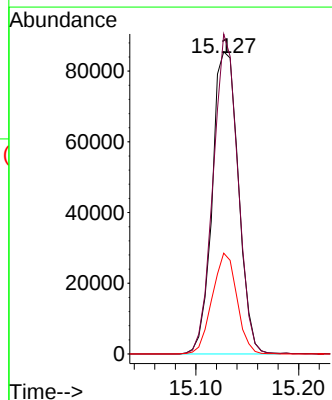
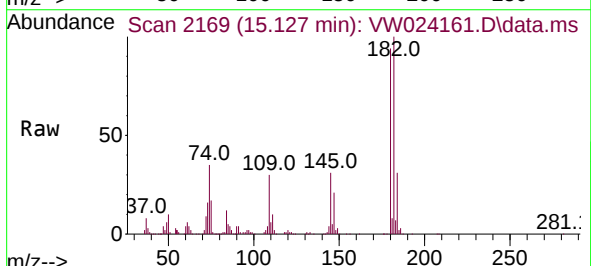
Tgt Ion:180 Resp: 150974

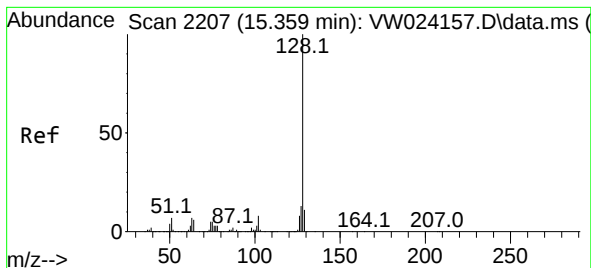
Ion Ratio Lower Upper

180 100

182 100.0 75.0 112.4

145 31.5 25.1 37.7





#71

Naphthalene

Concen: 31.907 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

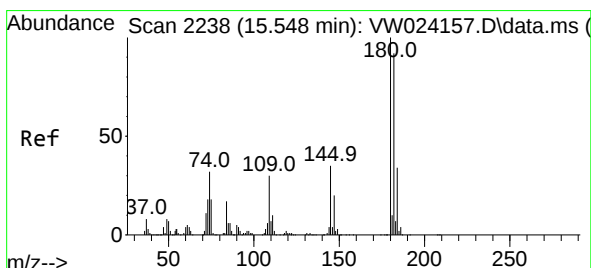
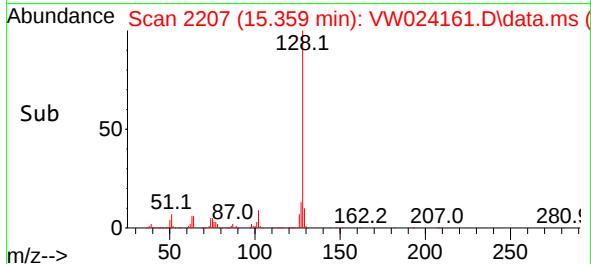
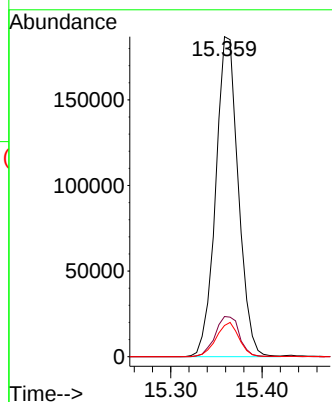
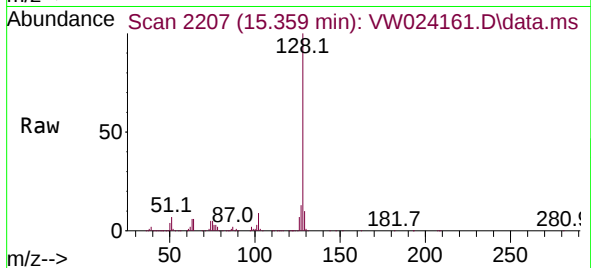
Tgt Ion:128 Resp: 321579

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 30.031 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024161.D

Acq: 04 Aug 2022 12:13

Tgt Ion:180 Resp: 141474

Ion Ratio Lower Upper

180 100

182 97.0 75.4 113.2

145 33.3 26.9 40.3

