

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
 Data File : VW024520.D
 Acq On : 31 Aug 2022 17:43
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

Quant Time: Sep 01 03:02:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 31 02:55:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	296226	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	298897	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	158990	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	161016	19.719	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.880%
7) Chloroethane-d5	2.873	69	132154	21.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	4.007	63	150627	21.269	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.080%
21) 2-Butanone-d5	6.946	46	329	0.219	ug/L	-0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.440%#
24) Chloroform-d	7.641	84	251869	26.447	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	8.299	65	142902	24.744	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.960%
32) Benzene-d6	8.275	84	407184	23.777	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.268	67	138857	26.072	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.280%
41) Toluene-d8	10.317	98	356156	21.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.480%
43) trans-1,3-Dichloroprop...	10.579	79	63456	25.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.840%
47) 2-Hexanone-d5	10.921	63	75482	63.333	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	168279	27.907	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.640%
66) 1,2-Dichlorobenzene-d4	13.847	152	170486	28.475	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	39251	13.229	ug/L	95
3) Chloromethane	2.209	50	132921	23.979	ug/L	97
5) Vinyl chloride	2.349	62	227643	23.492	ug/L	100
6) Bromomethane	2.763	94	130908	19.246	ug/L	92
8) Chloroethane	2.910	64	116805	23.075	ug/L	98
9) Trichlorofluoromethane	3.245	101	91137	20.000	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	103531	23.688	ug/L	96
12) 1,1-Dichloroethene	4.031	96	92138	26.040	ug/L	96
13) Acetone	4.123	43	35242	39.264	ug/L	84
14) Carbon disulfide	4.379	76	261473	22.235	ug/L	96
16) Methylene chloride	4.909	84	113364	22.818	ug/L	90
17) trans-1,2-Dichloroethene	5.421	96	104531	24.959	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	186521	27.199	ug/L	96
19) 1,1-Dichloroethane	6.208	63	190145	24.009	ug/L	96
22) 2-Butanone	7.171	43	65098	40.651	ug/L	98
23) Bromochloromethane	7.506	128	31370	13.949	ug/L	92
25) Chloroform	7.671	83	214411	24.401	ug/L	95
27) 1,2-Dichloroethane	8.397	62	146838	22.958	ug/L	99
29) Cyclohexane	7.952	56	163332	25.347	ug/L	96

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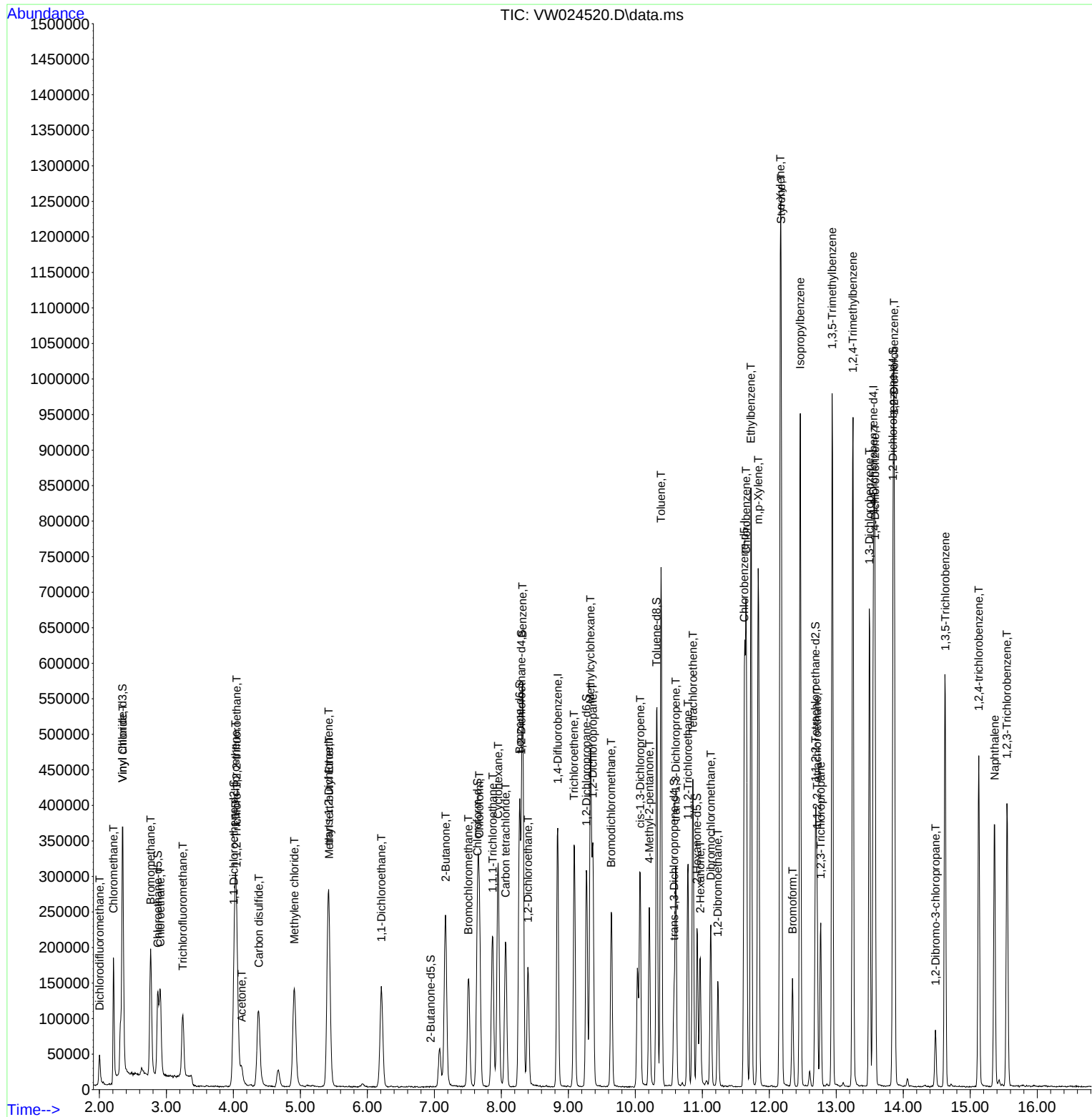
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.872	97	168004	23.841	ug/L	97
31) Carbon tetrachloride	8.061	117	151357	23.478	ug/L	99
33) Benzene	8.317	78	463338	24.898	ug/L	100
34) Trichloroethene	9.085	95	117388	23.934	ug/L	93
35) Methylcyclohexane	9.329	83	192767	24.496	ug/L	98
37) 1,2-Dichloropropane	9.366	63	114569	23.856	ug/L #	97
38) Bromodichloromethane	9.640	83	158489	24.233	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	174102	25.934	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	153896	45.065	ug/L	95
42) Toluene	10.384	91	519884	25.314	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	158349	24.275	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	94740	24.191	ug/L	94
46) Tetrachloroethene	10.860	164	85449	22.432	ug/L	92
48) 2-Hexanone	10.969	43	114594	45.493	ug/L	98
49) Dibromochloromethane	11.128	129	111118	23.989	ug/L	98
50) 1,2-Dibromoethane	11.231	107	92030	24.443	ug/L	96
51) Chlorobenzene	11.652	112	335900	24.368	ug/L	99
52) Ethylbenzene	11.725	91	581053	25.591	ug/L	99
53) m,p-Xylene	11.835	106	231401	25.951	ug/L	97
54) o-Xylene	12.164	106	220025	26.395	ug/L	100
55) Styrene	12.176	104	390258	26.485	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	124950	22.858	ug/L	95
59) Bromoform	12.347	173	63361	24.833	ug/L	94
60) Isopropylbenzene	12.463	105	590602	27.968	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86548	24.072	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	507796	29.823	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	496219	30.003	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	261235	25.874	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	270084	25.338	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	242183	25.590	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19450	21.532	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	162770	24.978	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	126803	25.031	ug/L	95
71) Naphthalene	15.365	128	306615	27.560	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	119878	25.039	ug/L	99

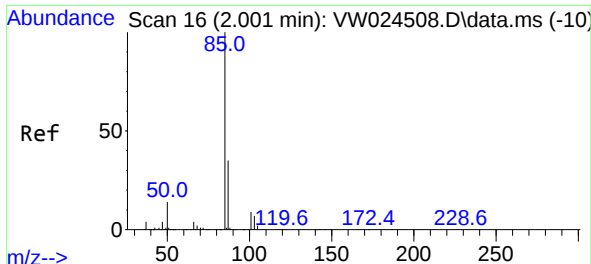
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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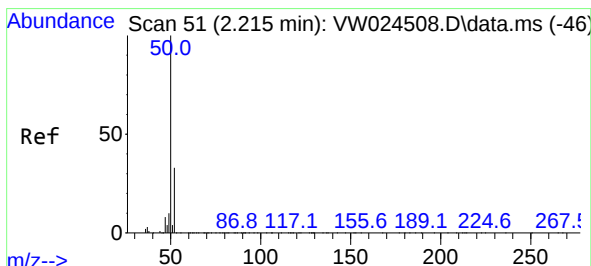
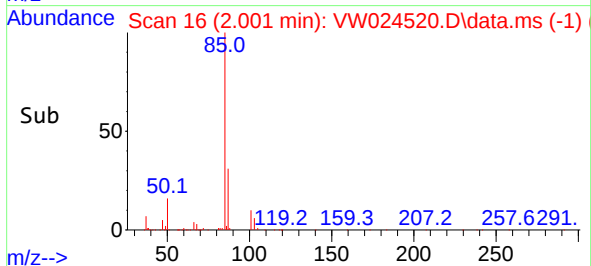
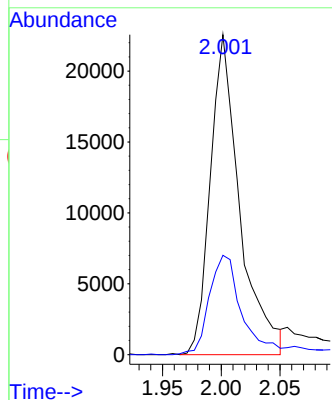
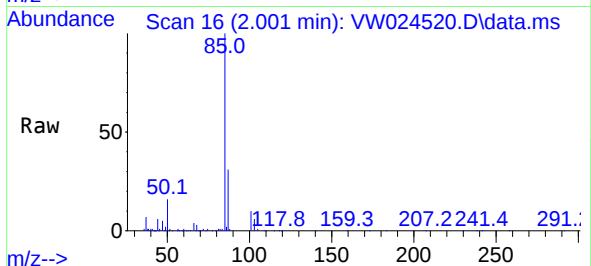




#2
 Dichlorodifluoromethane
 Concen: 13.229 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024520.D
 Acq: 31 Aug 2022 17:43

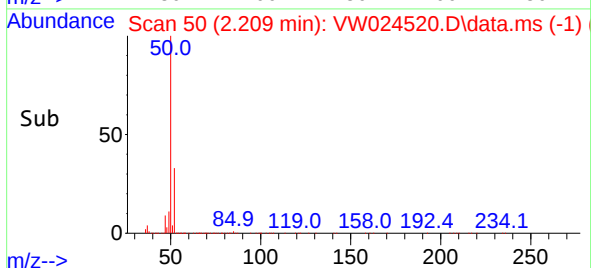
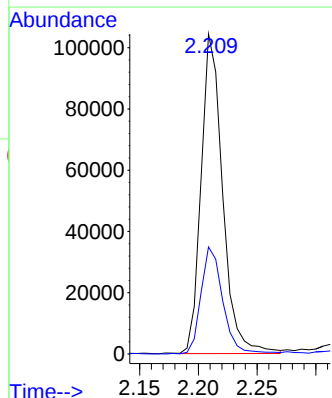
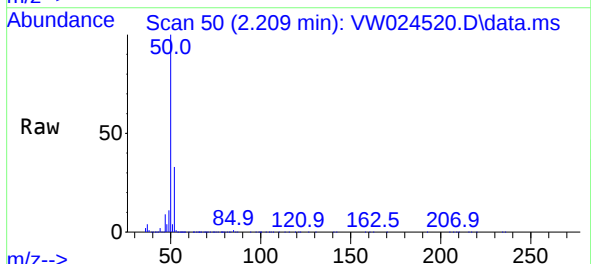
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 ClientSampleId :
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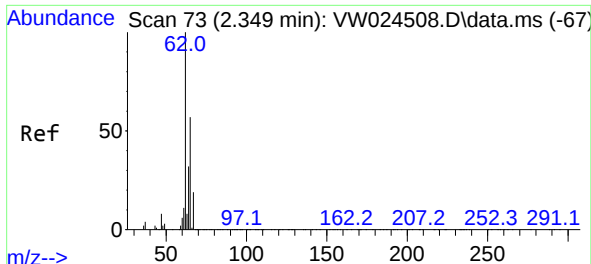
Tgt Ion: 85 Resp: 39251
 Ion Ratio Lower Upper
 85 100
 87 33.9 24.7 37.1



#3
 Chloromethane
 Concen: 23.979 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024520.D
 Acq: 31 Aug 2022 17:43

Tgt Ion: 50 Resp: 132921
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.3 41.5

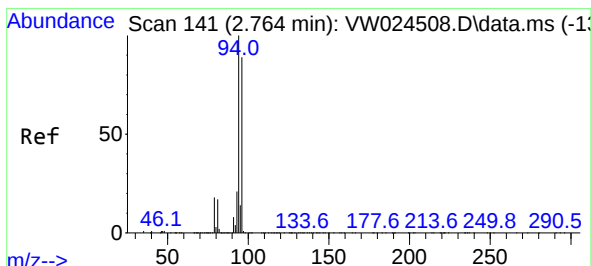
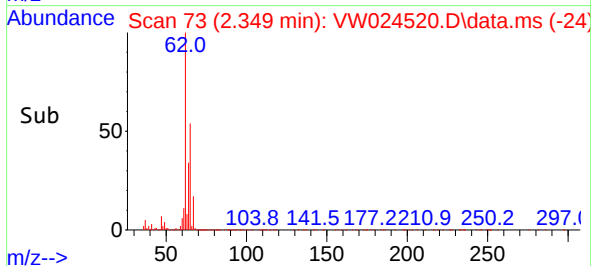
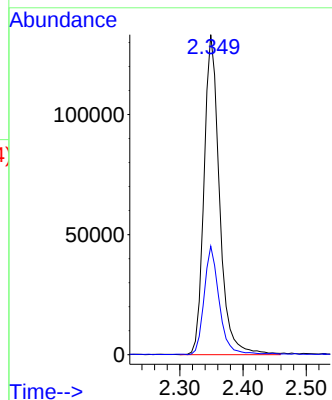
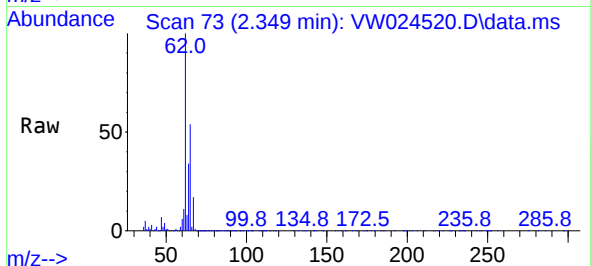




#5
 Vinyl chloride
 Concen: 23.492 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024520.D
 Acq: 31 Aug 2022 17:43

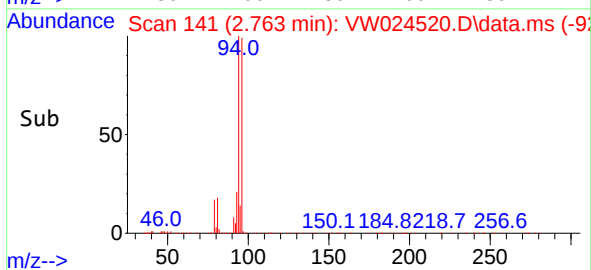
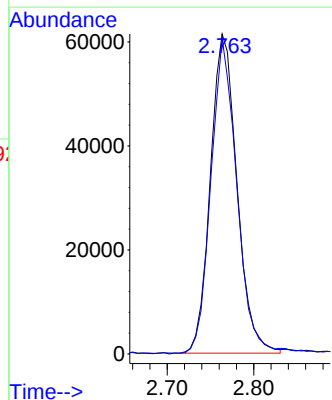
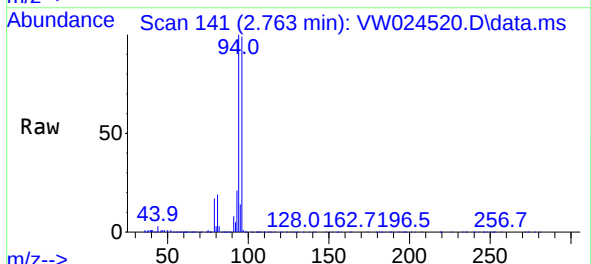
Instrument :
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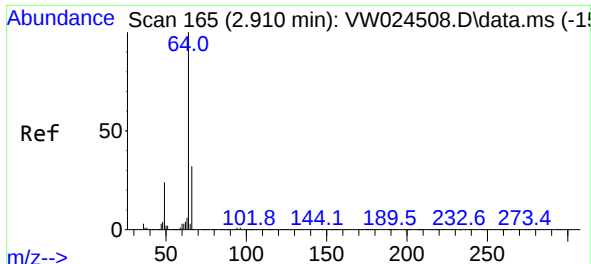
Tgt Ion: 62 Resp: 227643
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.6 43.8



#6
 Bromomethane
 Concen: 19.246 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024520.D
 Acq: 31 Aug 2022 17:43

Tgt Ion: 94 Resp: 130908
 Ion Ratio Lower Upper
 94 100
 96 98.8 63.6 118.0





#8

Chloroethane

Concen: 23.075 ug/L

RT: 2.910 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

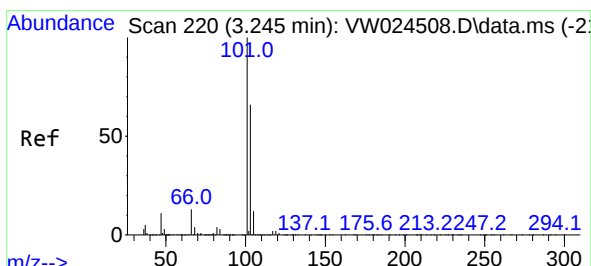
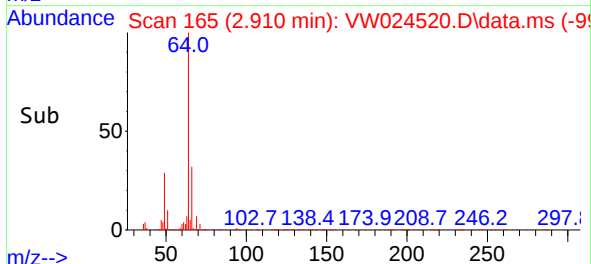
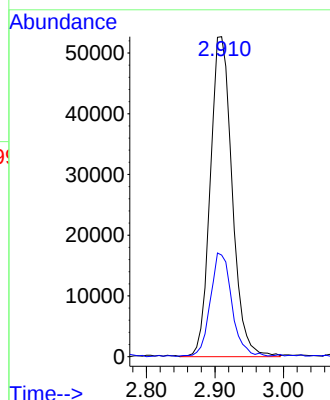
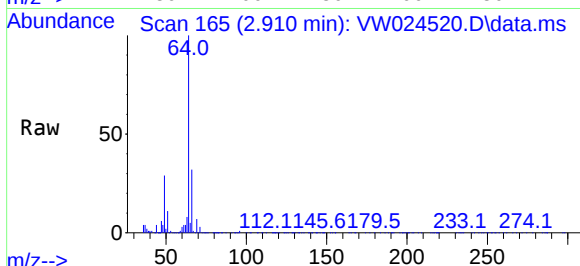
VSTD025559

Tgt Ion: 64 Resp: 116805

Ion Ratio Lower Upper

64 100

66 31.7 23.0 42.6



#9

Trichlorofluoromethane

Concen: 20.000 ug/L

RT: 3.245 min Scan# 220

Delta R.T. 0.006 min

Lab File: VW024520.D

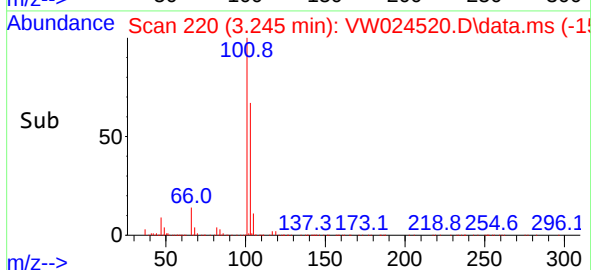
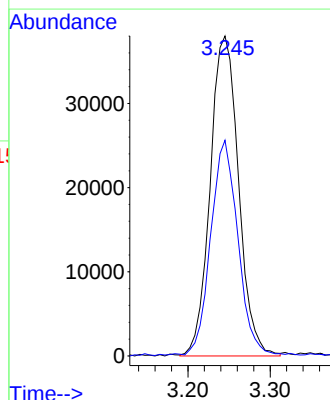
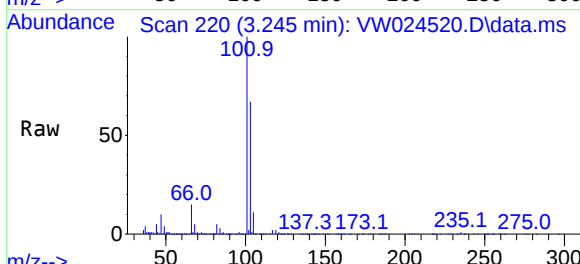
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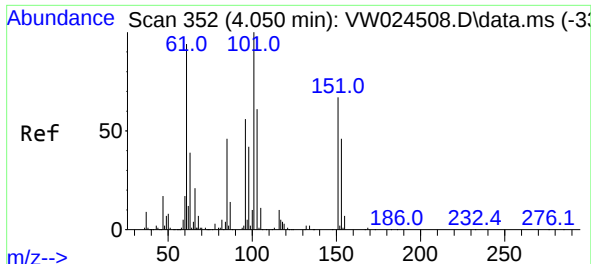
Tgt Ion: 101 Resp: 91137

Ion Ratio Lower Upper

101 100

103 64.8 50.4 75.6

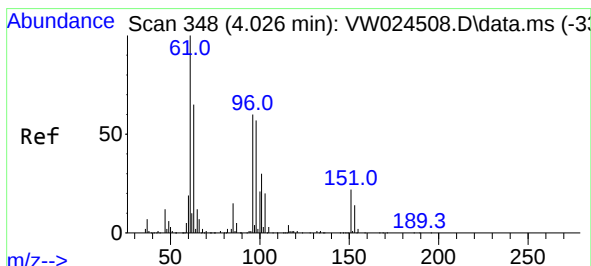
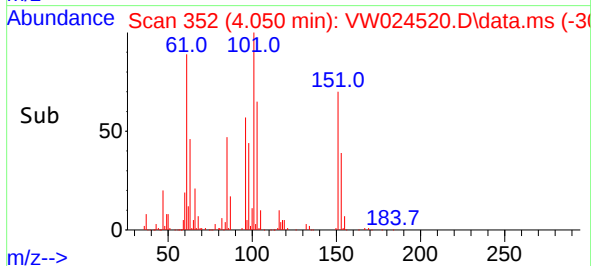
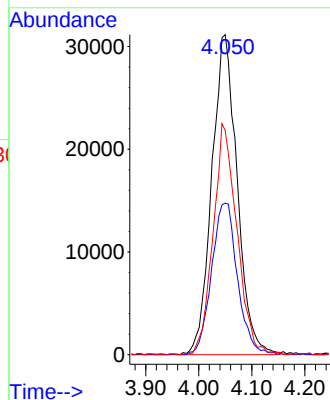
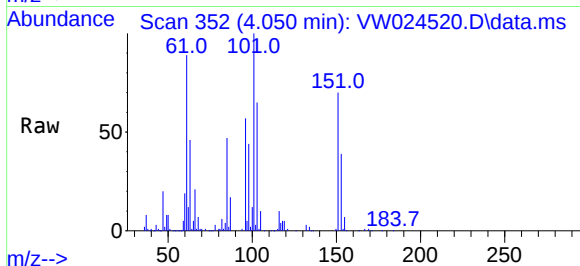




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.688 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW024520.D
 Acq: 31 Aug 2022 17:43

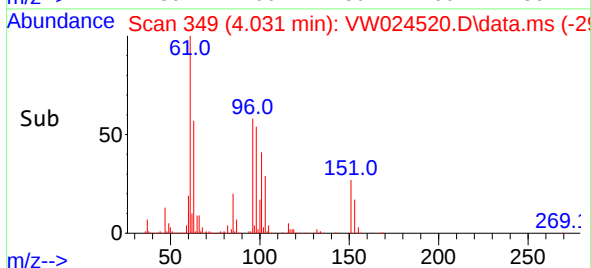
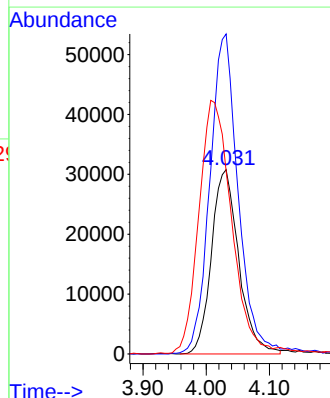
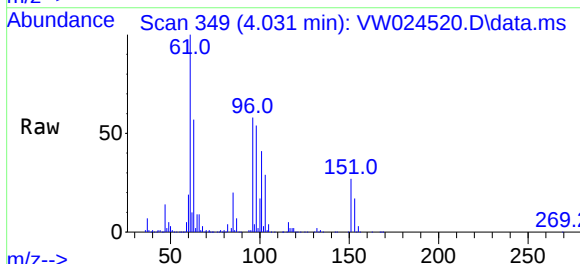
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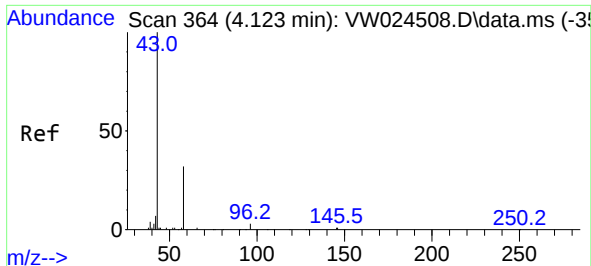
Tgt Ion:101	Resp:	103531
Ion	Ratio	Lower Upper
101	100	
85	48.1	39.1 58.7
151	66.2	56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 26.040 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024520.D
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Tgt Ion: 96	Resp:	92138
Ion	Ratio	Lower Upper
96	100	
61	173.7	118.8 220.6
63	99.2	72.8 135.2

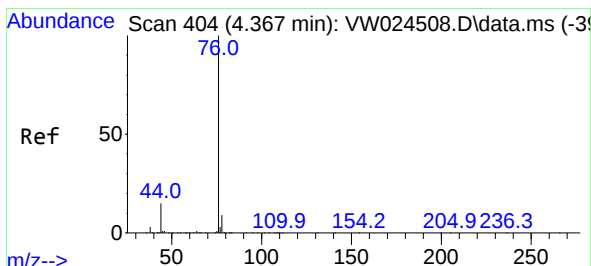
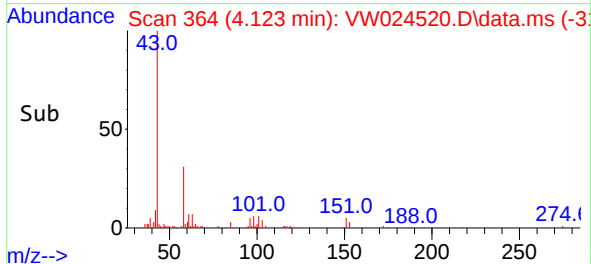
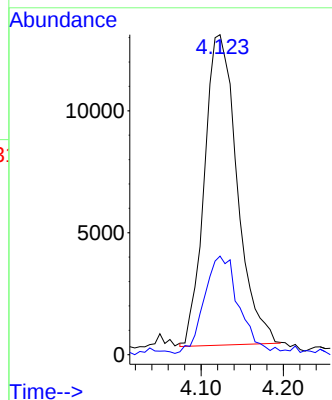
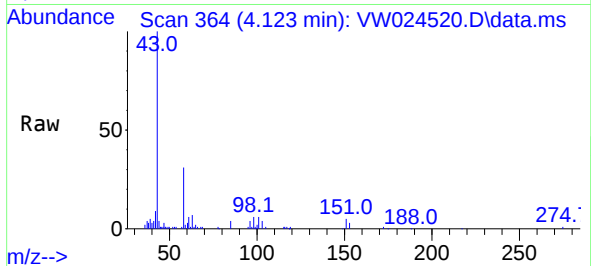




#13
Acetone
Concen: 39.264 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW024520.D
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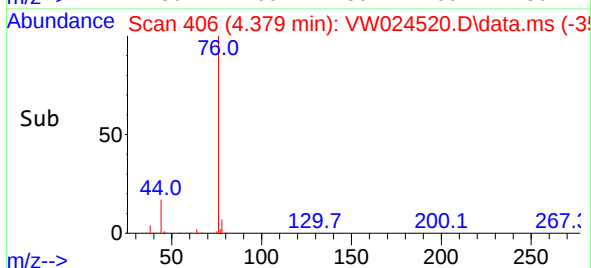
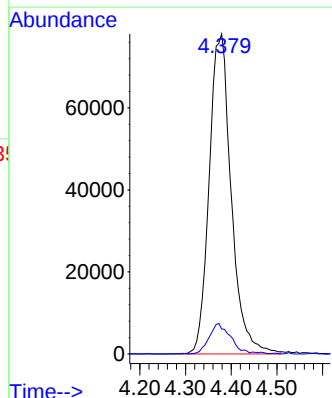
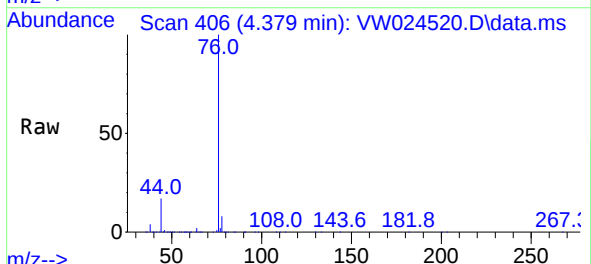
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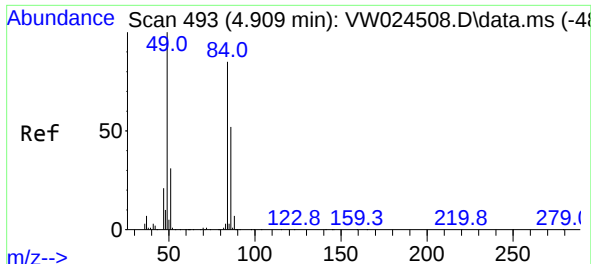
Tgt Ion: 43 Resp: 35242
Ion Ratio Lower Upper
43 100
58 20.8 0.0 58.4



#14
Carbon disulfide
Concen: 22.235 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.012 min
Lab File: VW024520.D
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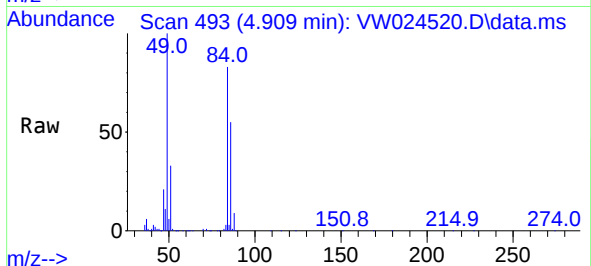
Tgt Ion: 76 Resp: 261473
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.2





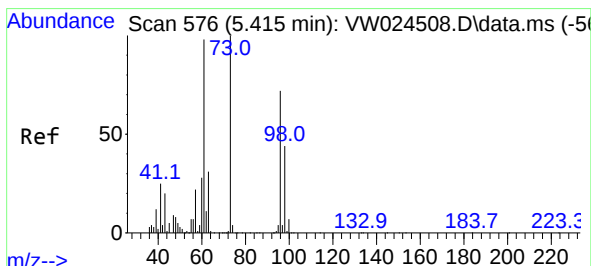
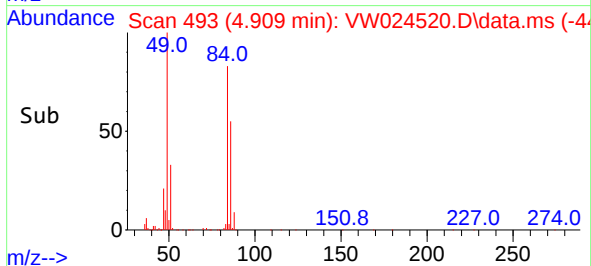
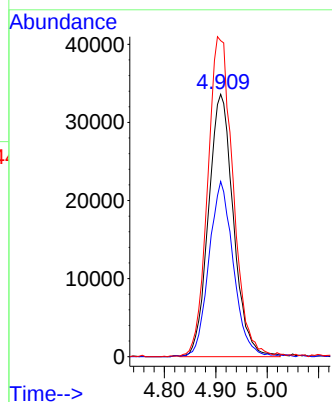
#16
Methylene chloride
Concen: 22.818 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025559



Tgt Ion: 84 Resp: 113364

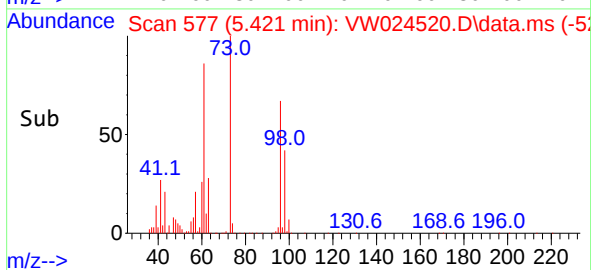
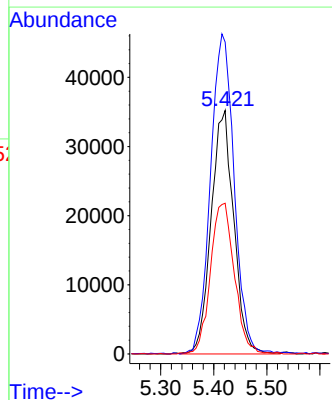
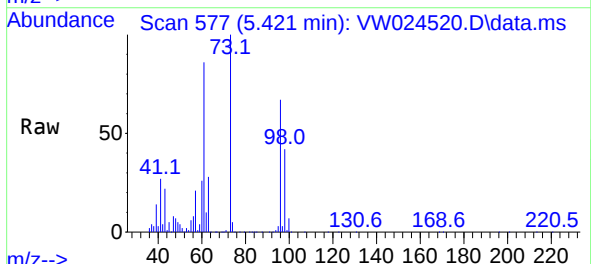
Ion	Ratio	Lower	Upper
84	100		
86	66.8	47.7	88.7
49	120.5	96.6	179.4

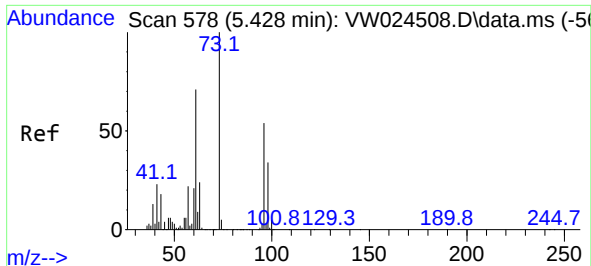


#17
trans-1,2-Dichloroethene
Concen: 24.959 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion: 96 Resp: 104531

Ion	Ratio	Lower	Upper
96	100		
61	128.1	92.1	171.1
98	61.9	44.7	83.1

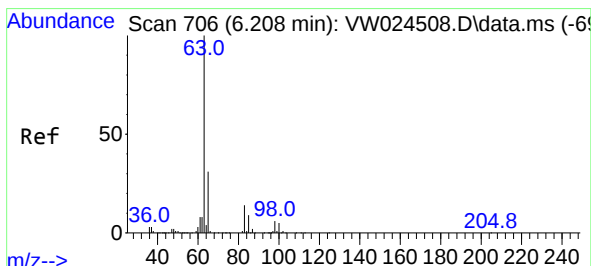
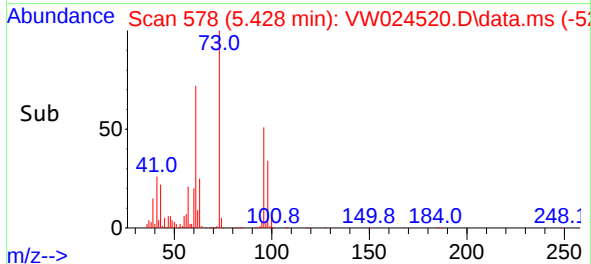
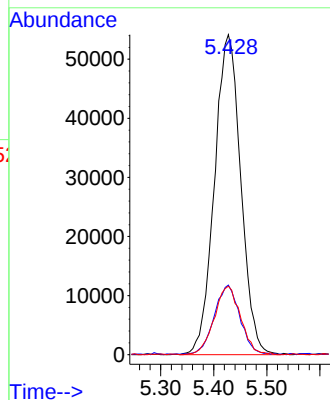
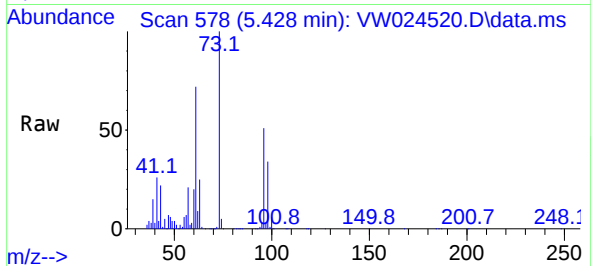




#18
Methyl tert-butyl Ether
Concen: 27.199 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

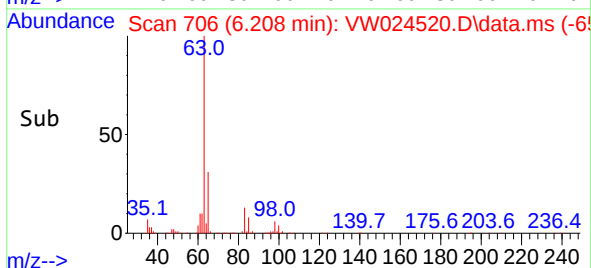
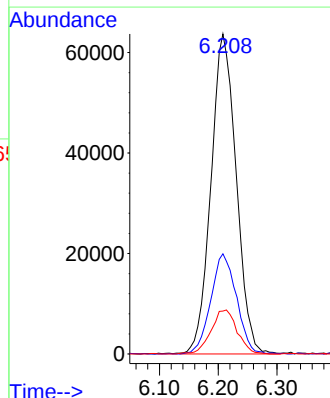
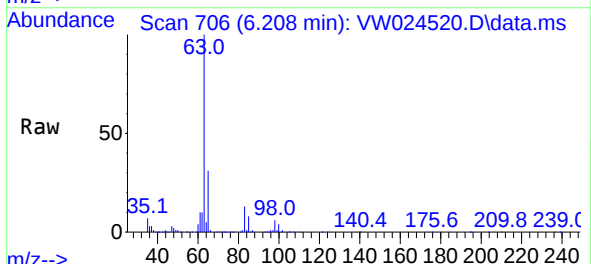
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

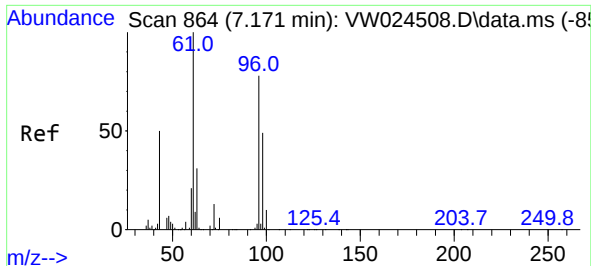
Tgt Ion: 73 Resp: 186521
Ion Ratio Lower Upper
73 100
43 21.0 18.8 28.2
57 21.4 18.1 27.1



#19
1,1-Dichloroethane
Concen: 24.009 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion: 63 Resp: 190145
Ion Ratio Lower Upper
63 100
65 31.3 23.6 43.8
83 13.4 10.4 19.4

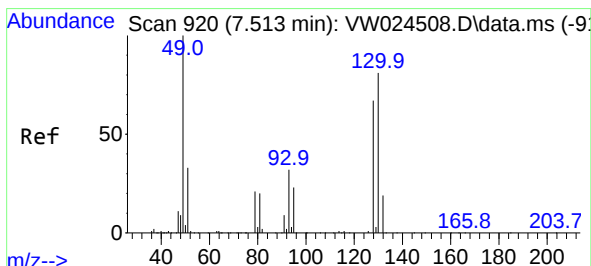
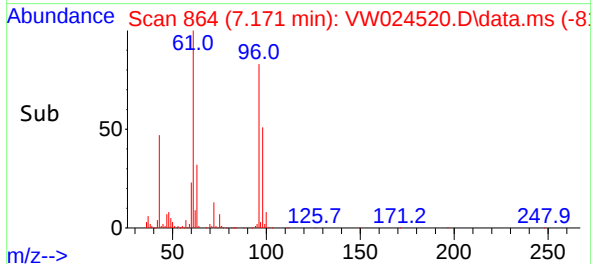
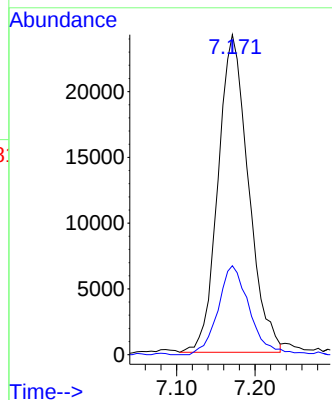
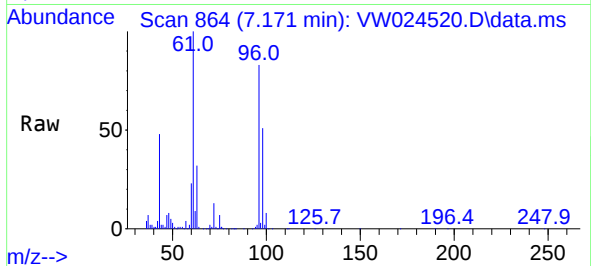




#22
2-Butanone
Concen: 40.651 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

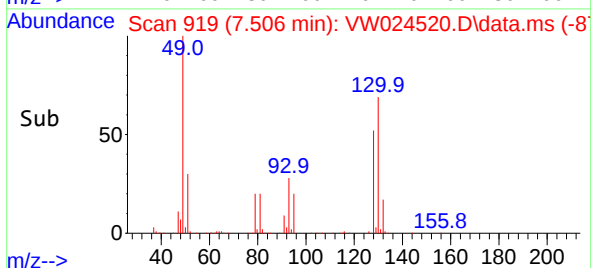
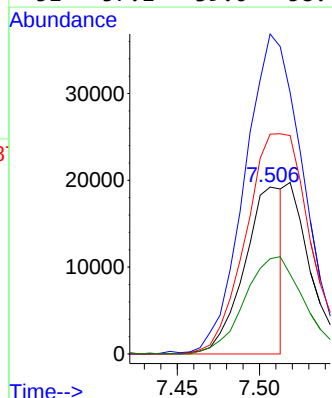
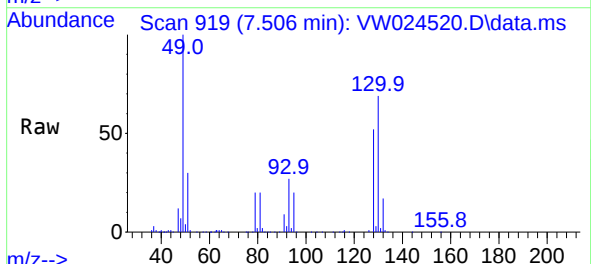
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

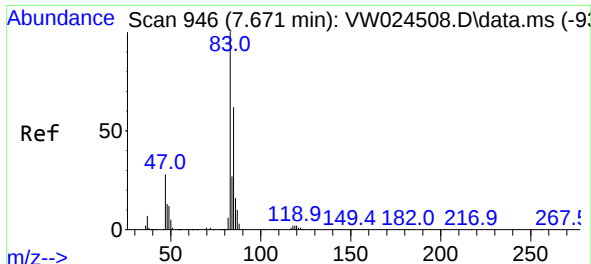
Tgt Ion: 43 Resp: 65098
Ion Ratio Lower Upper
43 100
72 28.9 13.9 41.6



#23
Bromochloromethane
Concen: 13.949 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion: 128 Resp: 31370
Ion Ratio Lower Upper
128 100
49 191.8 122.1 226.7
130 131.7 91.1 169.1
51 57.1 39.0 58.4

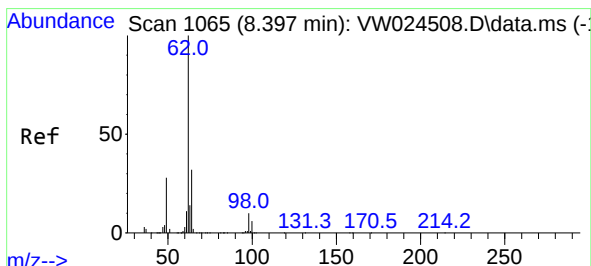
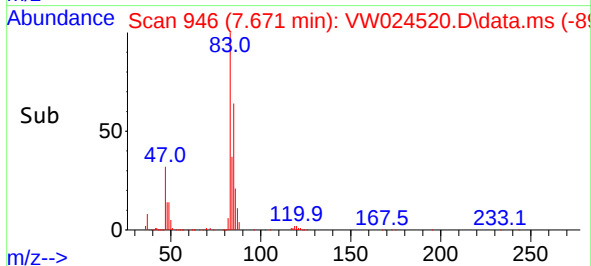
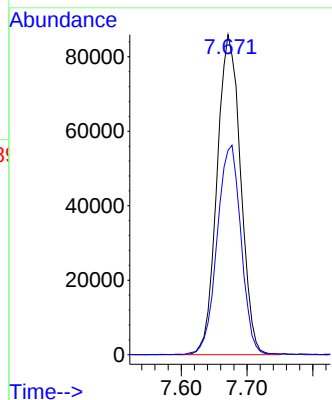
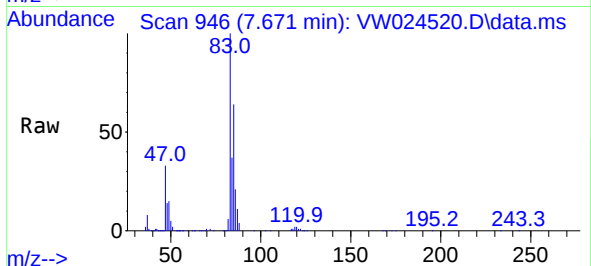




#25
Chloroform
Concen: 24.401 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

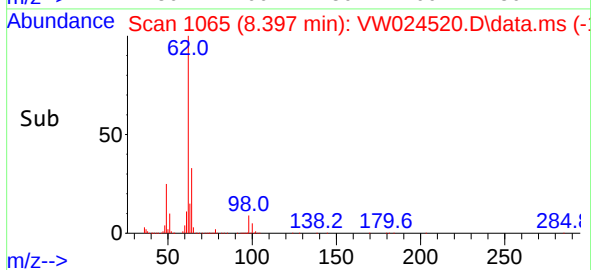
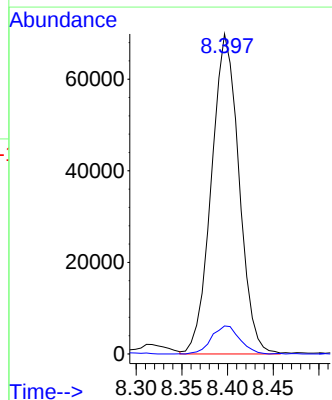
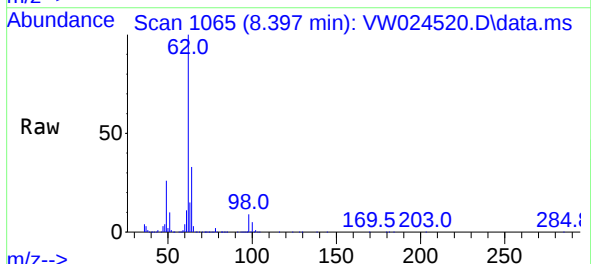
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

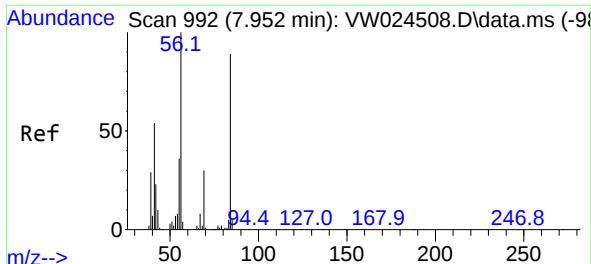
Tgt Ion: 83 Resp: 214411
Ion Ratio Lower Upper
83 100
85 63.9 47.5 88.1



#27
1,2-Dichloroethane
Concen: 22.958 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion: 62 Resp: 146838
Ion Ratio Lower Upper
62 100
98 8.8 6.7 10.1





#29

Cyclohexane

Concen: 25.347 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

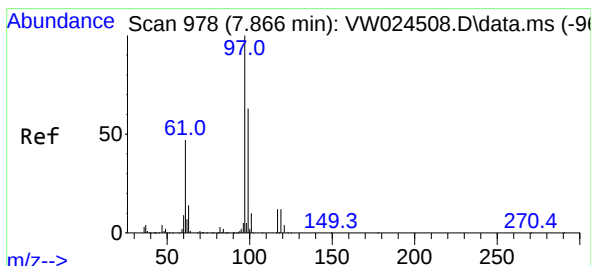
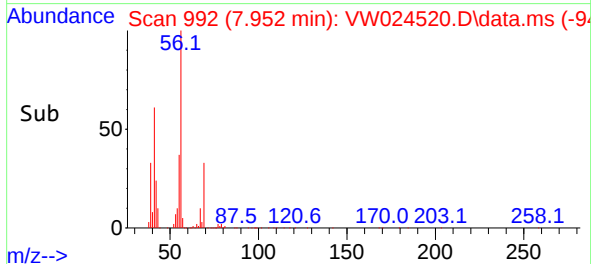
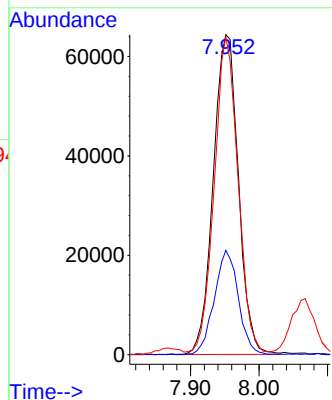
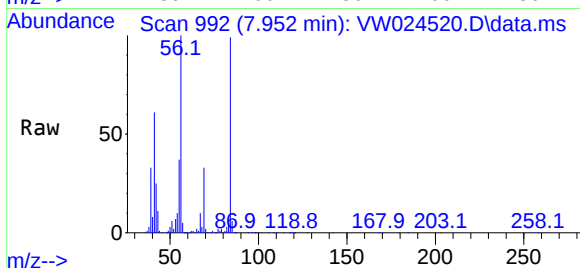
Tgt Ion: 56 Resp: 163332

Ion Ratio Lower Upper

56 100

69 31.3 23.5 35.3

84 94.4 72.2 108.4



#30

1,1,1-Trichloroethane

Concen: 23.841 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

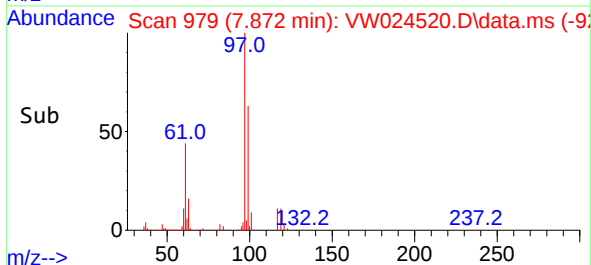
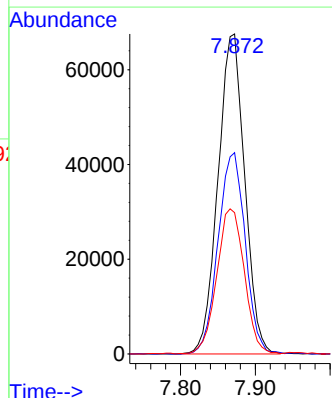
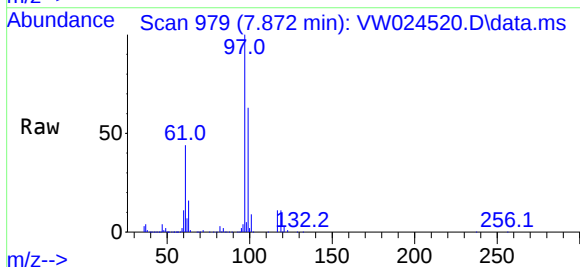
Tgt Ion: 97 Resp: 168004

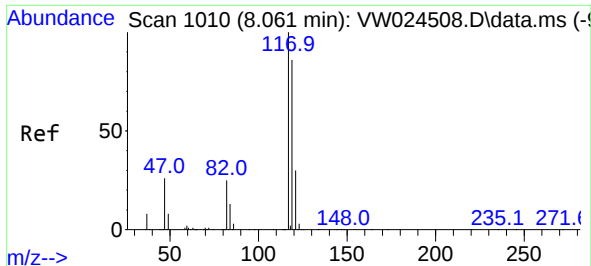
Ion Ratio Lower Upper

97 100

99 63.9 50.2 75.2

61 46.8 40.2 60.4

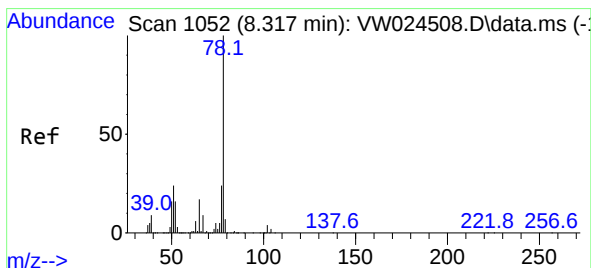
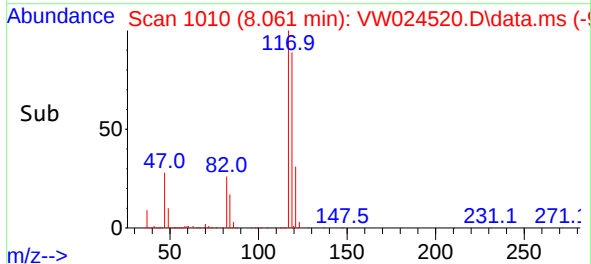
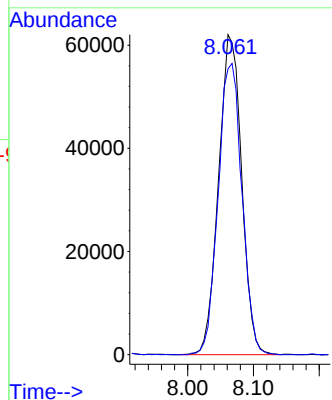
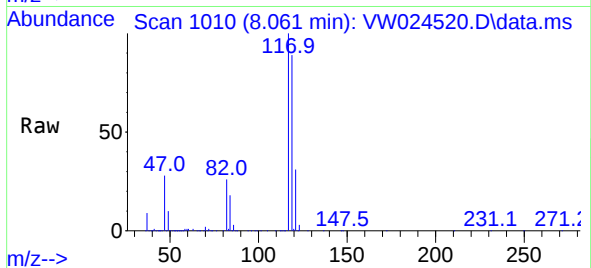




#31
Carbon tetrachloride
Concen: 23.478 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

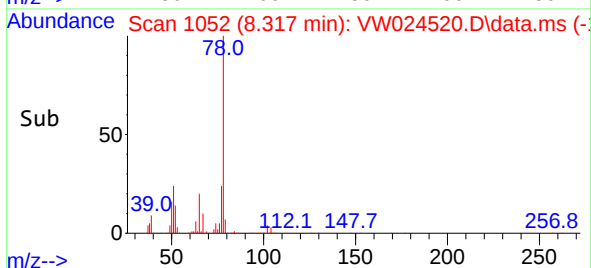
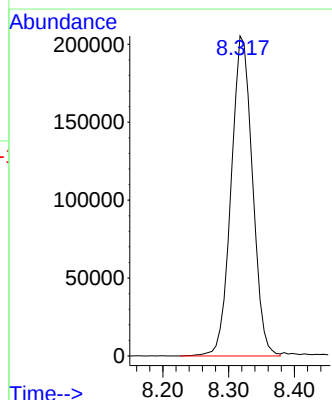
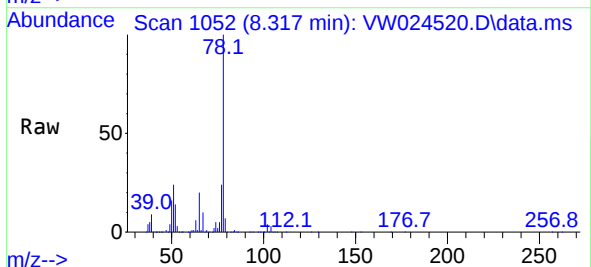
Instrument : MSVOA_W
ClientSampleId : VSTD025559

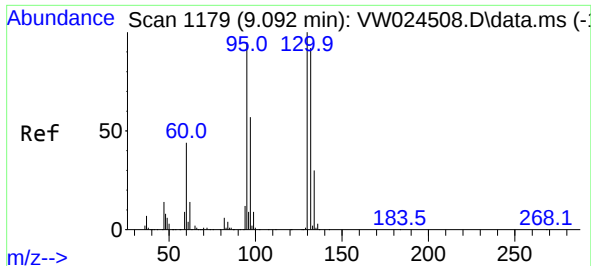
Tgt Ion:117 Resp: 151357
Ion Ratio Lower Upper
117 100
119 94.0 75.9 113.9



#33
Benzene
Concen: 24.898 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion: 78 Resp: 463338



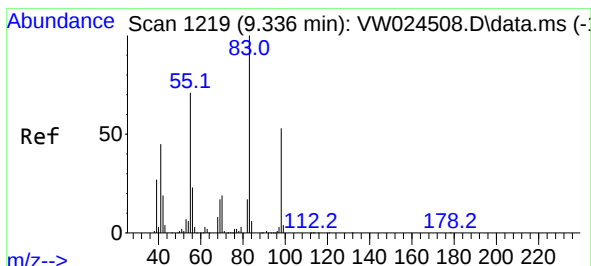
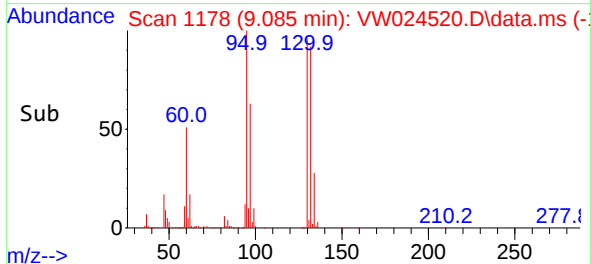
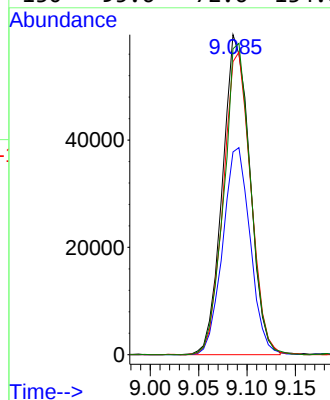
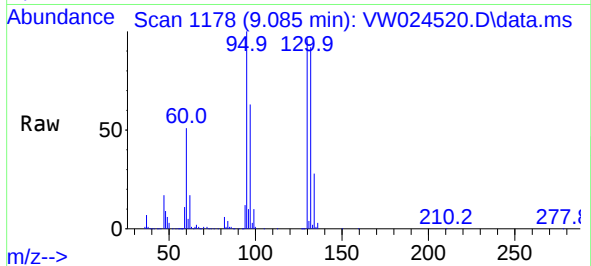


#34
Trichloroethene
Concen: 23.934 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

Tgt Ion: 95 Resp: 117388

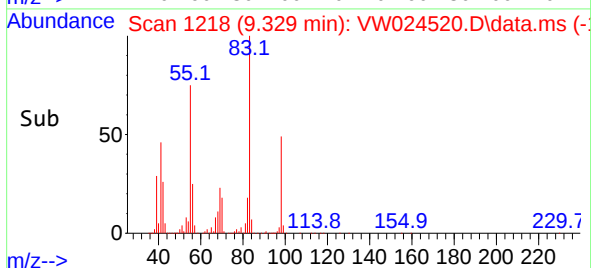
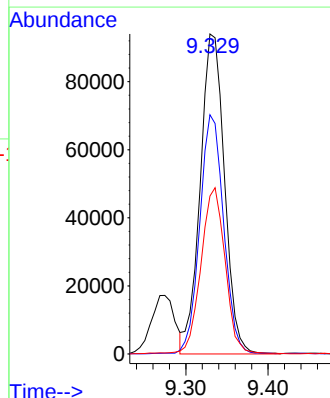
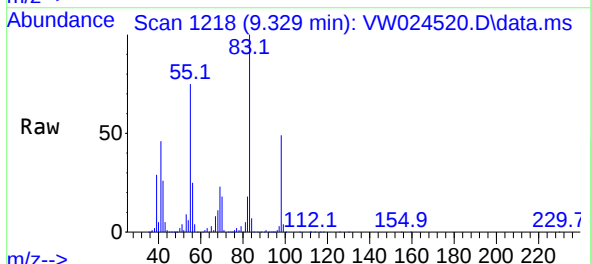
Ion	Ratio	Lower	Upper
95	100		
97	63.4	48.4	89.8
132	91.6	68.6	127.4
130	95.6	72.6	134.8

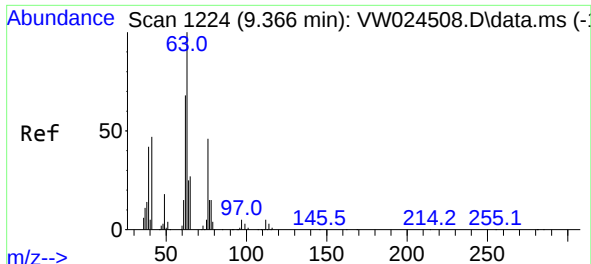


#35
Methylcyclohexane
Concen: 24.496 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion: 83 Resp: 192767

Ion	Ratio	Lower	Upper
83	100		
55	73.4	60.1	90.1
98	52.1	40.5	60.7





#37

1,2-Dichloropropane

Concen: 23.856 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

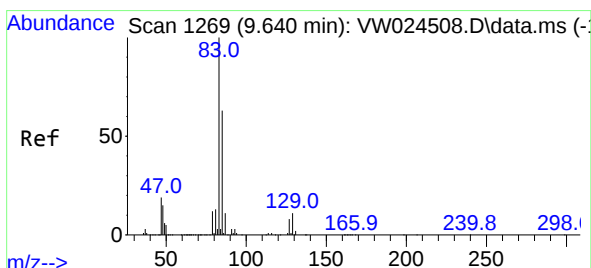
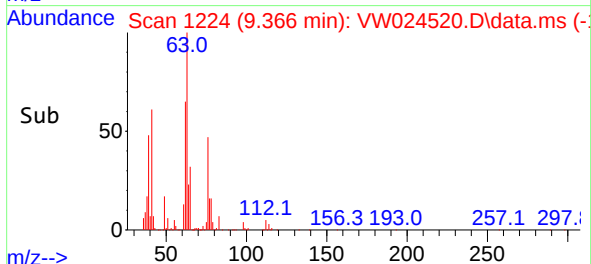
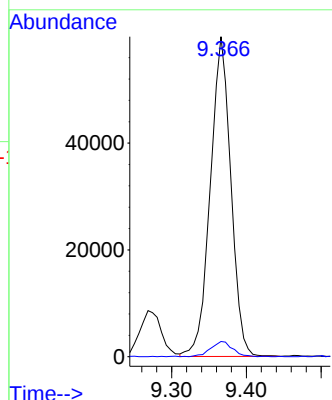
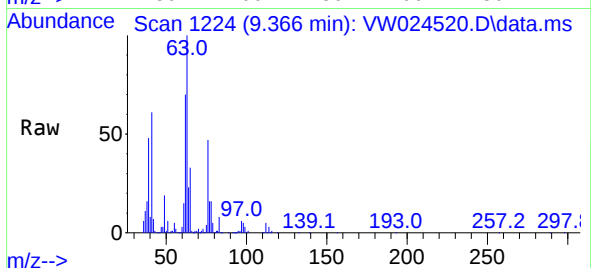
VSTD025559

Tgt Ion: 63 Resp: 114569

Ion Ratio Lower Upper

63 100

112 5.1 3.4 5.0#



#38

Bromodichloromethane

Concen: 24.233 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

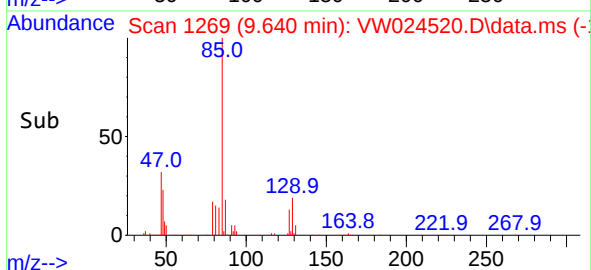
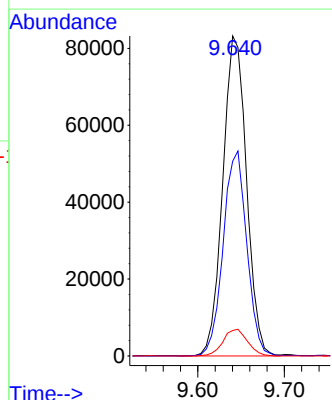
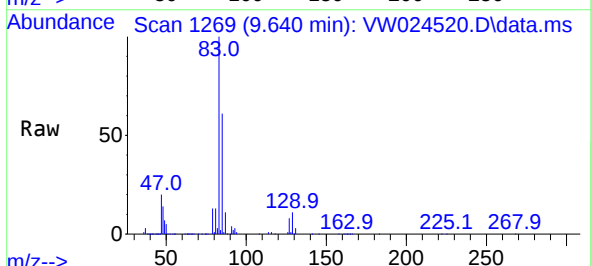
Tgt Ion: 83 Resp: 158489

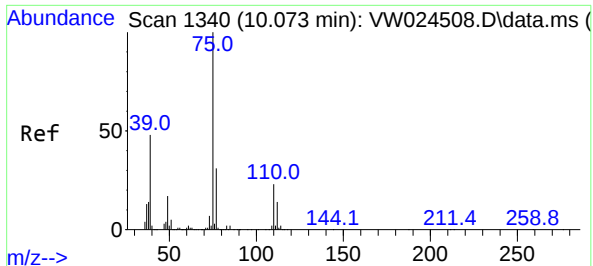
Ion Ratio Lower Upper

83 100

85 60.8 46.3 85.9

127 7.9 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 25.934 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

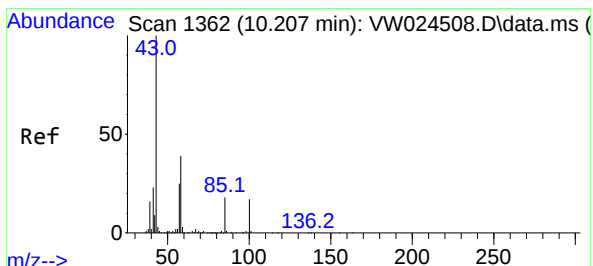
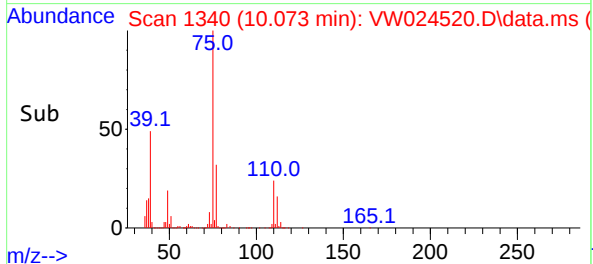
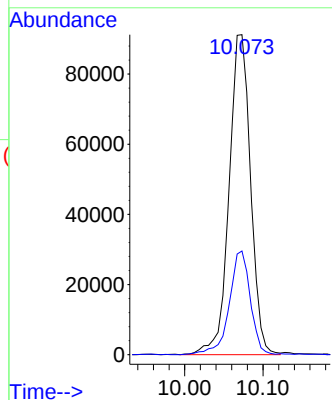
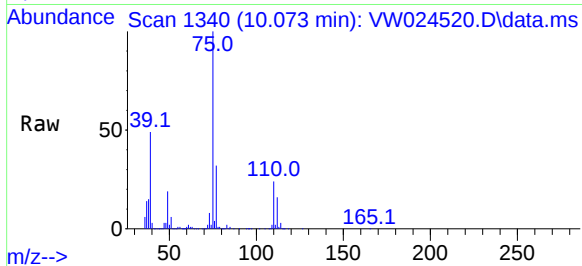
VSTD025559

Tgt Ion: 75 Resp: 174102

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 45.065 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

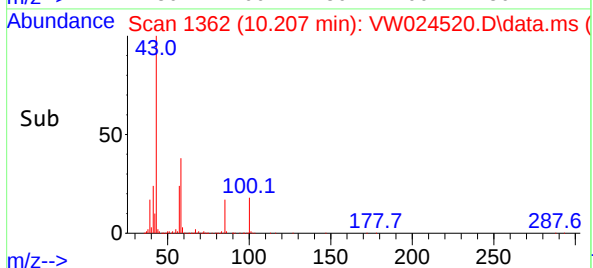
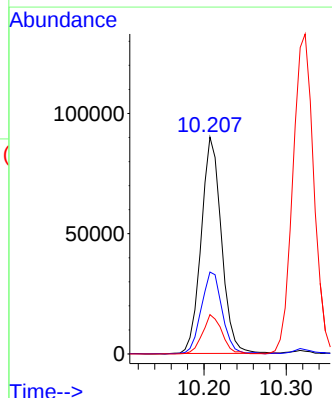
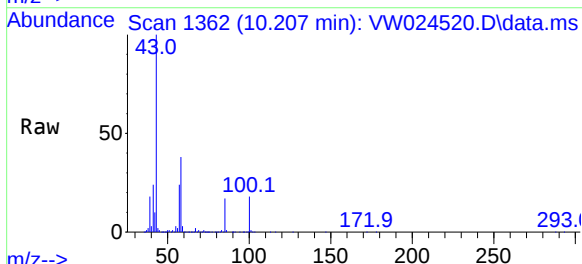
Tgt Ion: 43 Resp: 153896

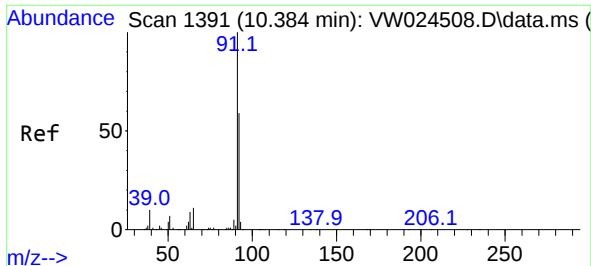
Ion Ratio Lower Upper

43 100

58 39.2 29.4 44.2

100 17.6 11.8 17.8

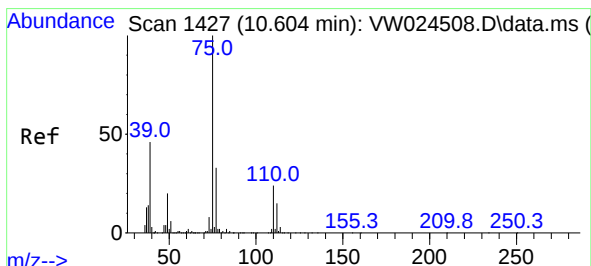
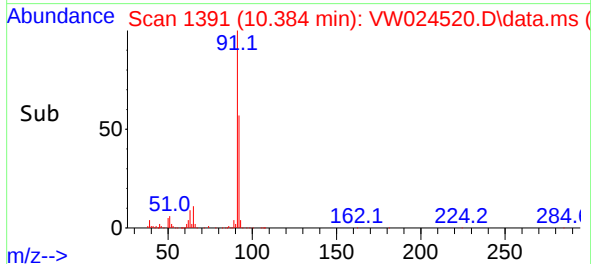
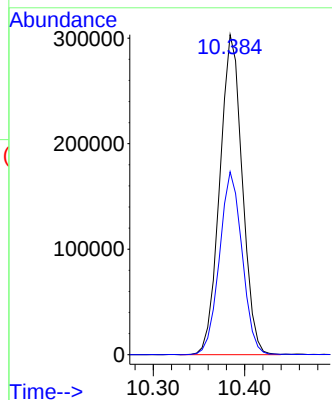
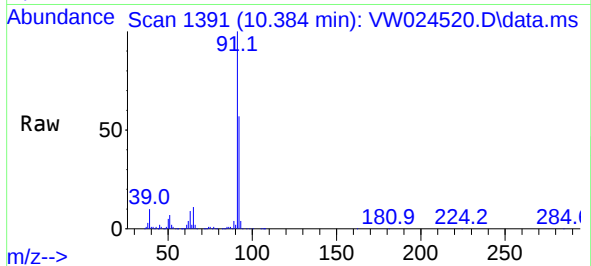




#42
Toluene
Concen: 25.314 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

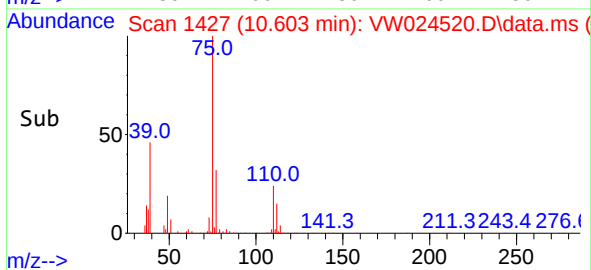
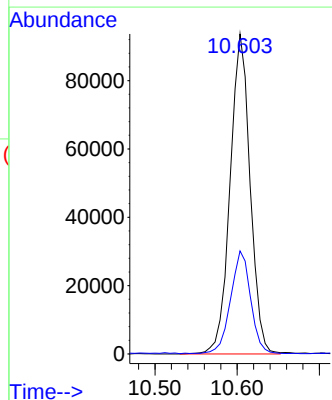
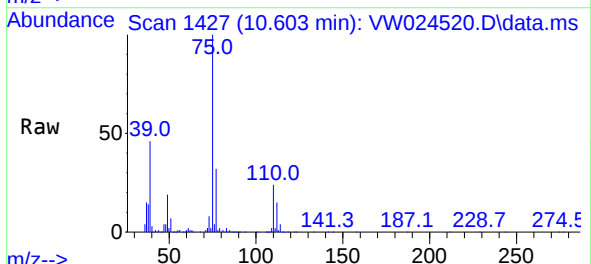
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

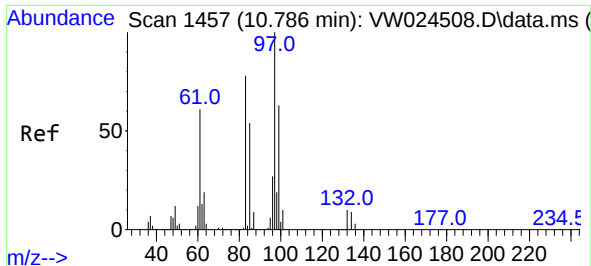
Tgt Ion: 91 Resp: 519884
Ion Ratio Lower Upper
91 100
92 57.2 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 24.275 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion: 75 Resp: 158349
Ion Ratio Lower Upper
75 100
77 32.2 21.1 39.1





#45

1,1,2-Trichloroethane

Concen: 24.191 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

Tgt Ion: 97 Resp: 94740

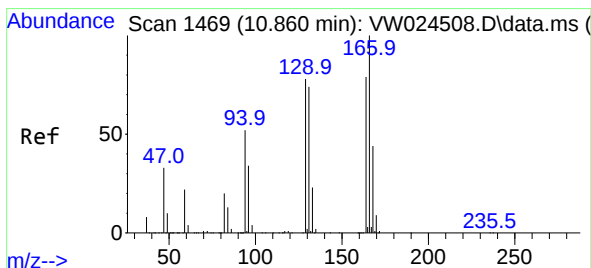
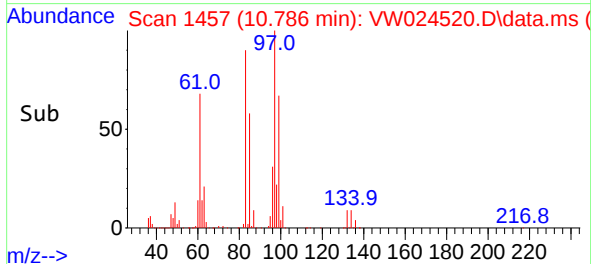
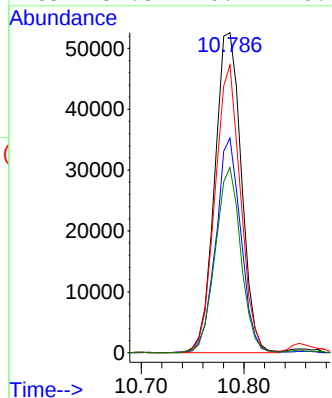
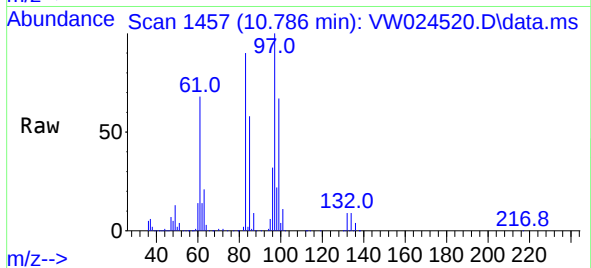
Ion Ratio Lower Upper

97 100

99 67.0 40.4 75.0

83 90.0 60.1 111.5

85 57.8 40.9 76.0



#46

Tetrachloroethene

Concen: 22.432 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

Tgt Ion:164 Resp: 85449

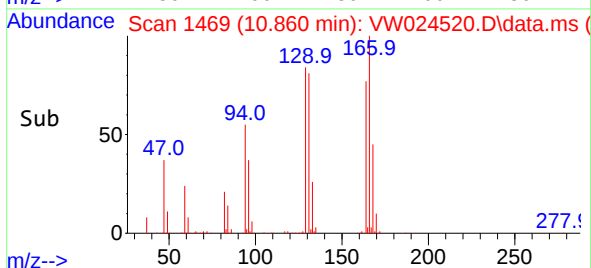
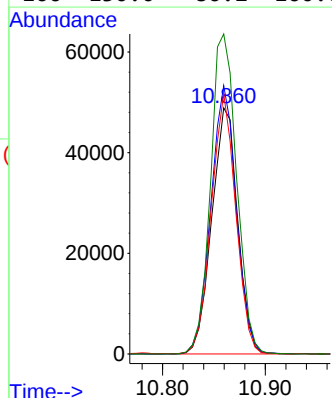
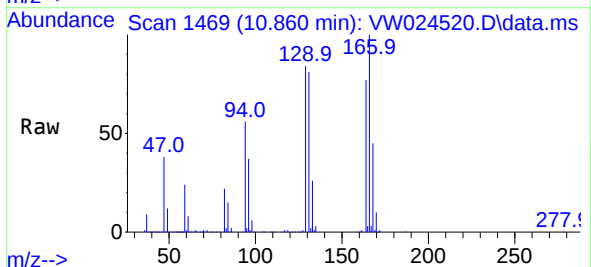
Ion Ratio Lower Upper

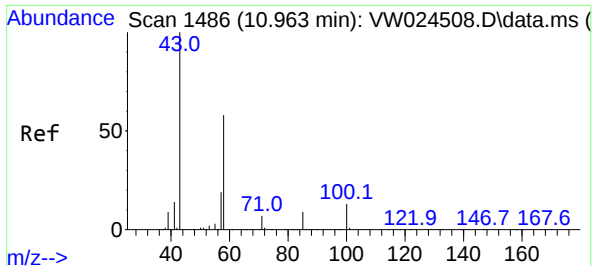
164 100

129 109.0 72.9 135.3

131 105.8 63.7 118.3

166 130.0 86.2 160.0



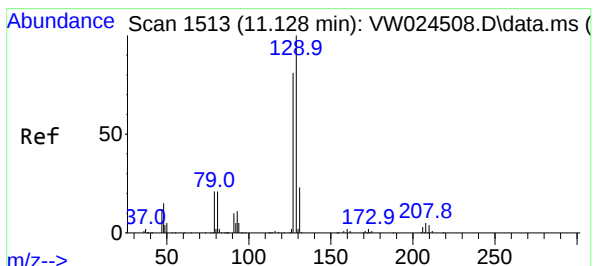
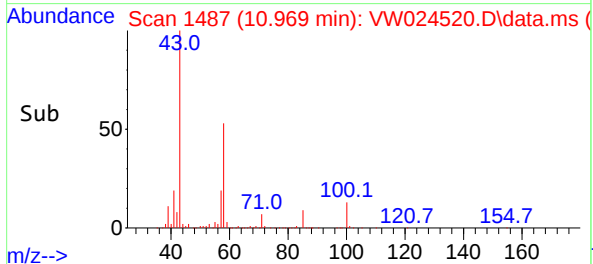
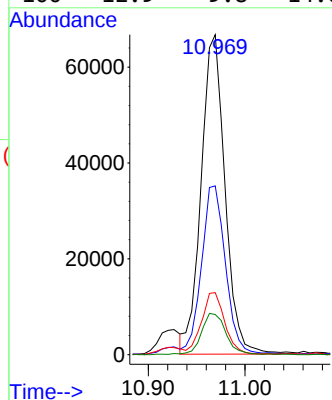
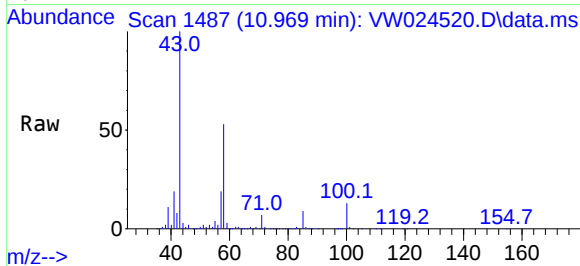


#48
2-Hexanone
Concen: 45.493 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

Tgt Ion: 43 Resp: 114594

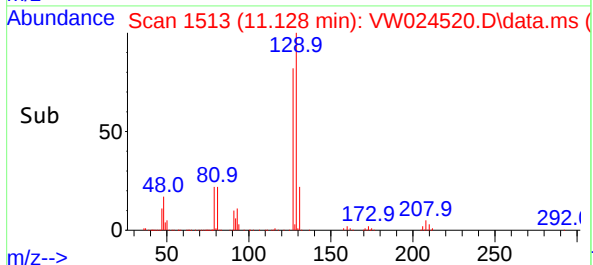
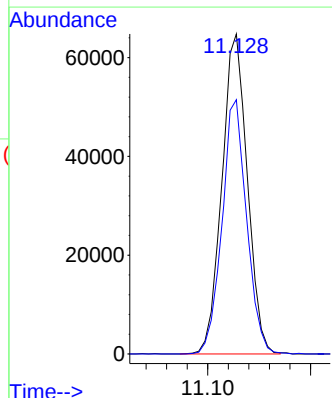
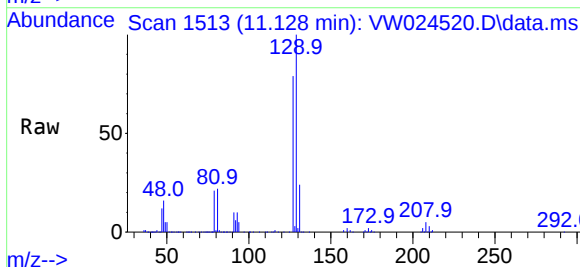
Ion	Ratio	Lower	Upper
43	100		
58	51.9	40.6	61.0
57	18.9	14.2	21.2
100	12.9	9.8	14.6

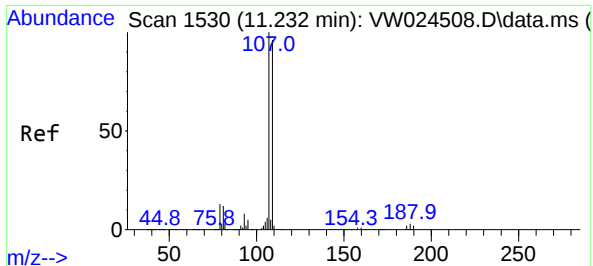


#49
Dibromochloromethane
Concen: 23.989 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion: 129 Resp: 111118

Ion	Ratio	Lower	Upper
129	100		
127	79.5	54.6	101.4





#50

1,2-Dibromoethane

Concen: 24.443 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

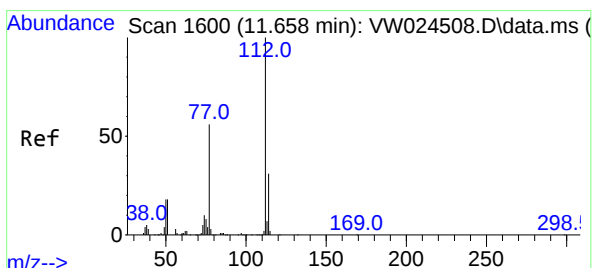
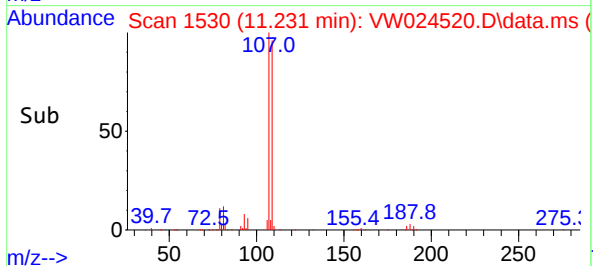
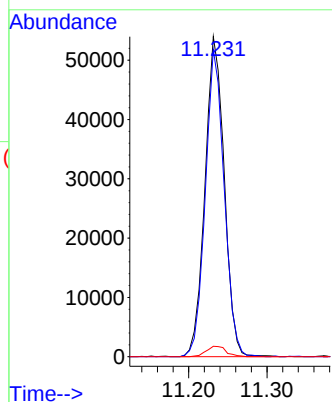
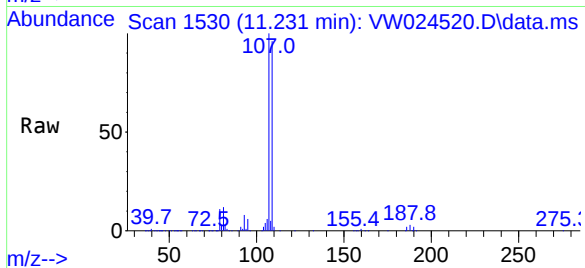
Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

Tgt Ion:	107	Resp:	92030
Ion	Ratio	Lower	Upper
107	100		
109	96.0	70.1	130.1
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 24.368 ug/L

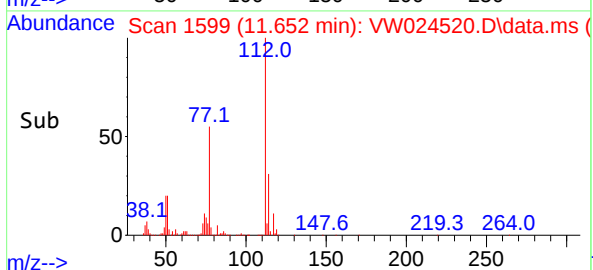
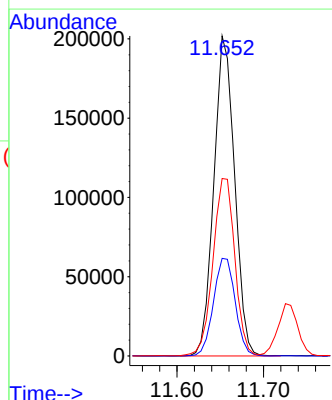
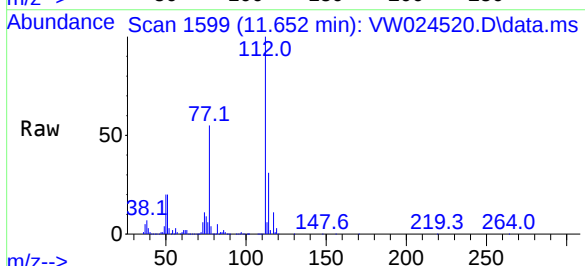
RT: 11.652 min Scan# 1599

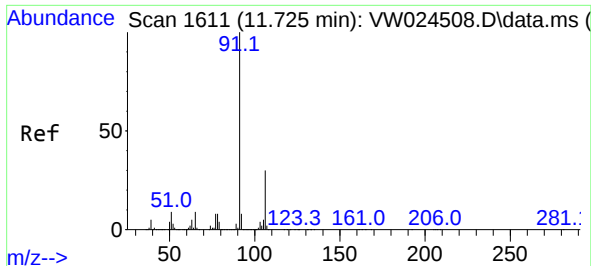
Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

Tgt Ion:	112	Resp:	335900
Ion	Ratio	Lower	Upper
112	100		
114	30.5	22.3	41.3
77	55.4	44.1	66.1

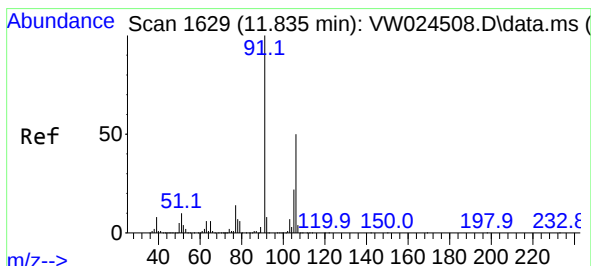
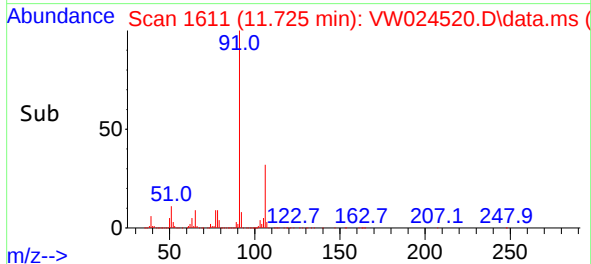
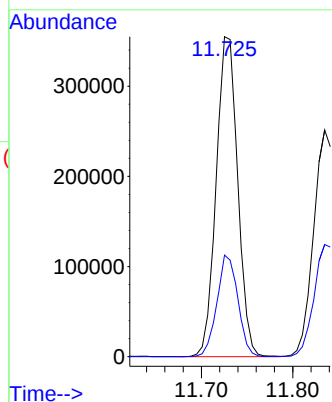
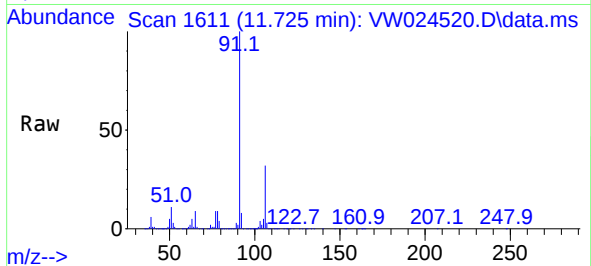




#52
Ethylbenzene
Concen: 25.591 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

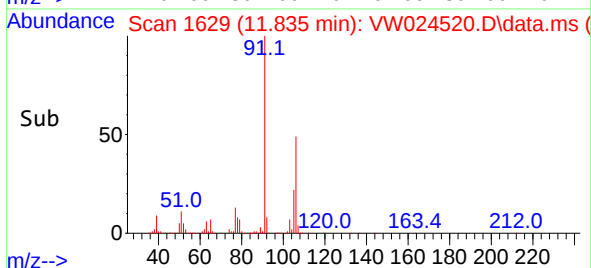
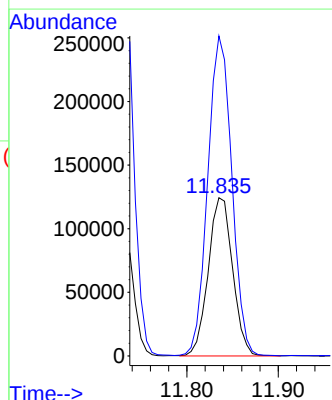
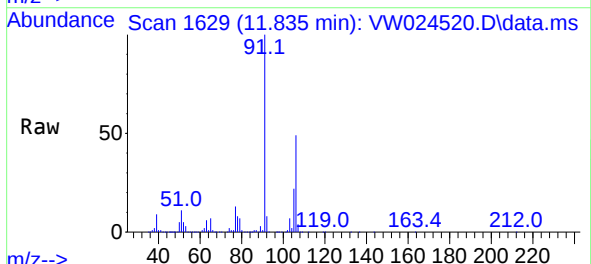
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

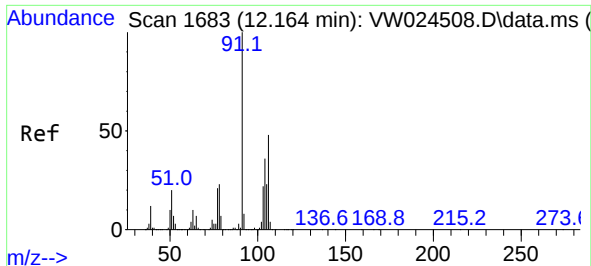
Tgt Ion: 91 Resp: 581053
Ion Ratio Lower Upper
91 100
106 31.8 22.7 42.3



#53
m,p-Xylene
Concen: 25.951 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion: 106 Resp: 231401
Ion Ratio Lower Upper
106 100
91 202.2 144.3 267.9

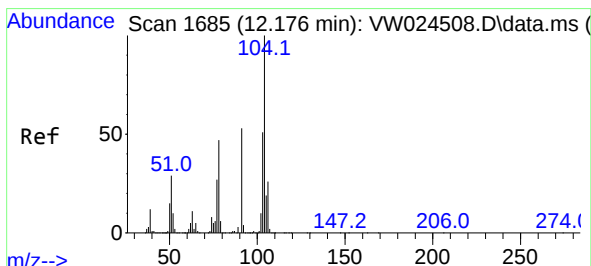
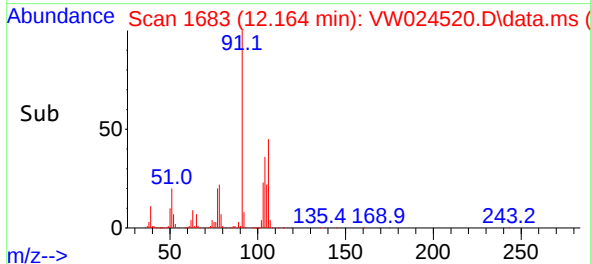
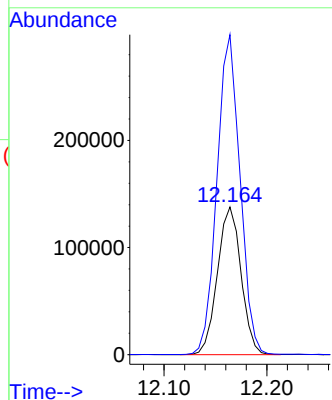
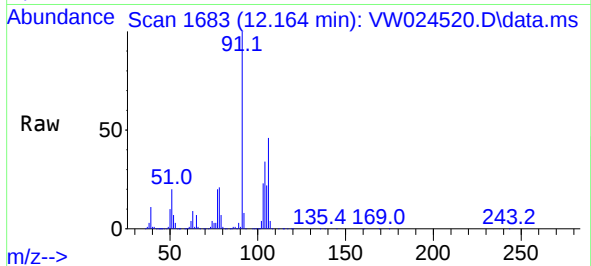




#54
o-Xylene
Concen: 26.395 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

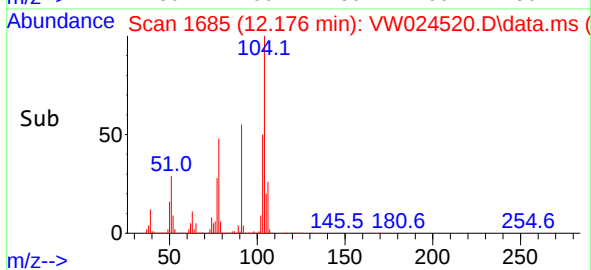
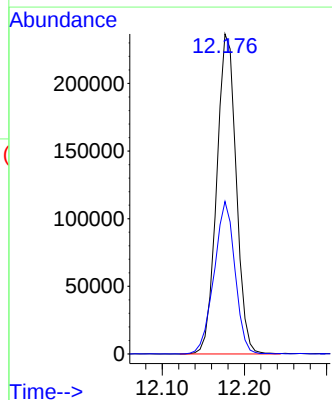
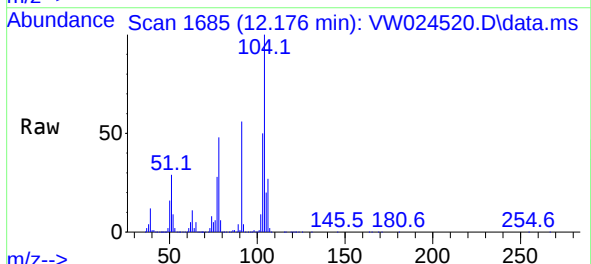
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

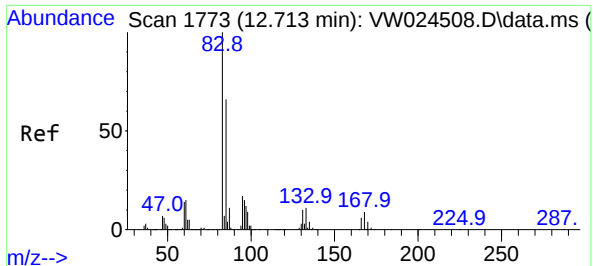
Tgt Ion:106 Resp: 220025
Ion Ratio Lower Upper
106 100
91 216.8 152.1 282.5



#55
Styrene
Concen: 26.485 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion:104 Resp: 390258
Ion Ratio Lower Upper
104 100
78 47.7 32.0 59.4



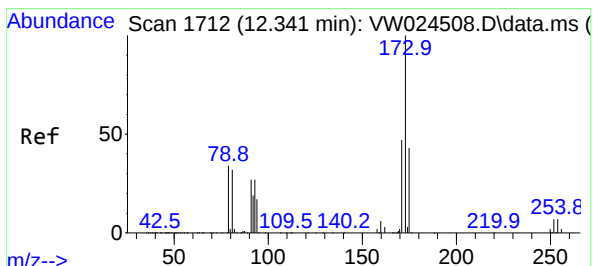
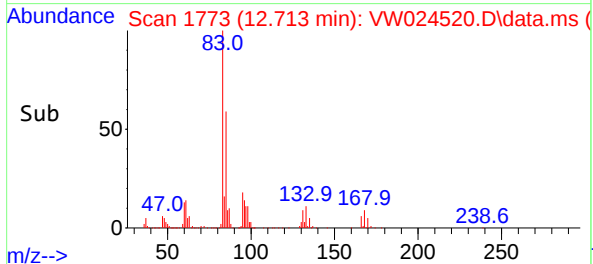
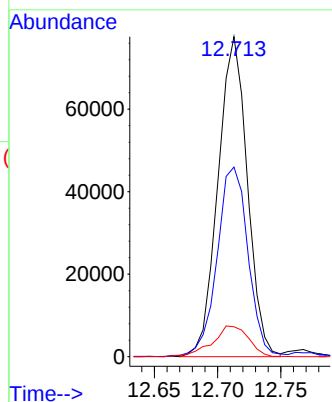
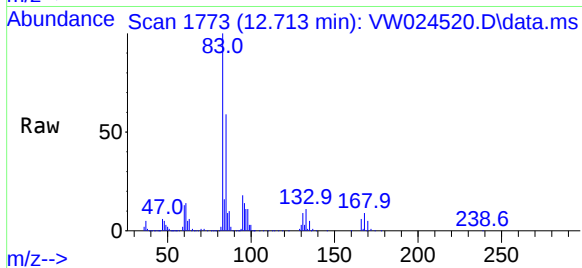


#57
1,1,2,2-Tetrachloroethane
Concen: 22.858 ug/L
RT: 12.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

Tgt Ion: 83 Resp: 124950

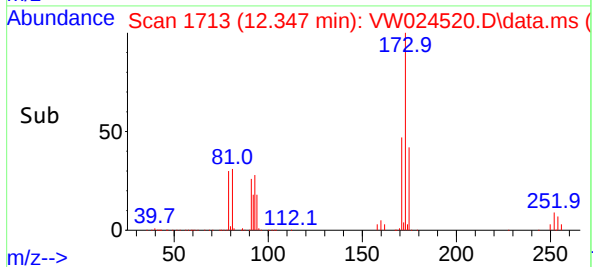
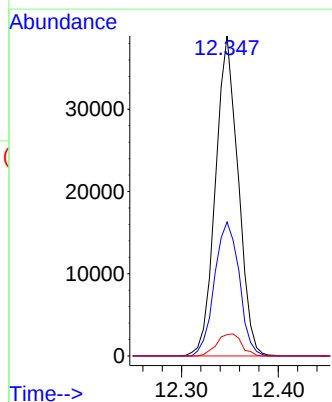
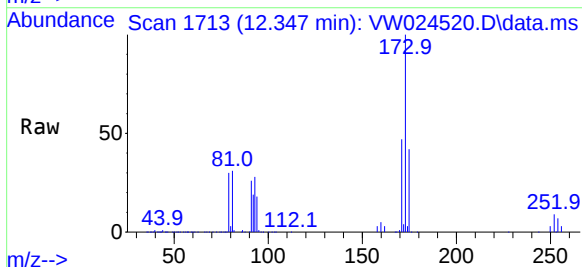
Ion	Ratio	Lower	Upper
83	100		
85	59.2	44.4	82.5
131	9.3	8.4	12.6



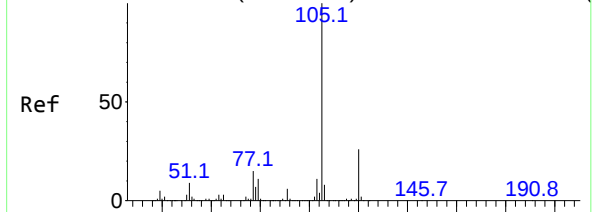
#59
Bromoform
Concen: 24.833 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion: 173 Resp: 63361

Ion	Ratio	Lower	Upper
173	100		
175	45.6	39.8	59.6
254	7.6	6.8	10.2



Abundance Scan 1732 (12.463 min): VW024508.D\data.ms (



#60

Isopropylbenzene

Concen: 27.968 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

Tgt Ion:105 Resp: 590602

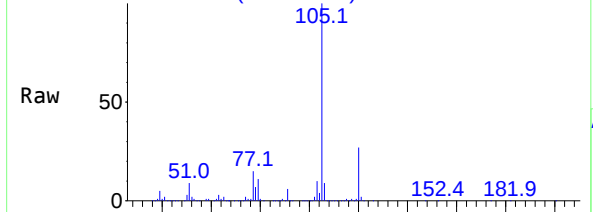
Ion Ratio Lower Upper

105 100

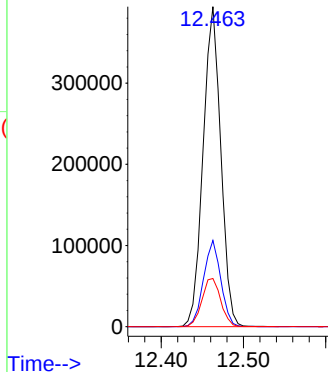
120 26.3 21.4 32.0

77 16.0 13.0 19.6

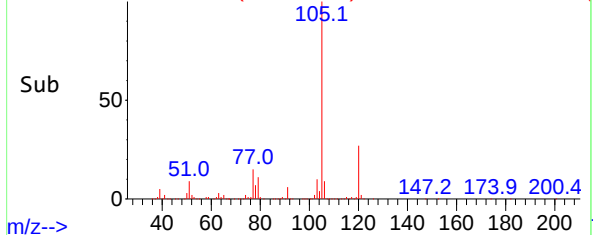
Abundance Scan 1732 (12.463 min): VW024520.D\data.ms



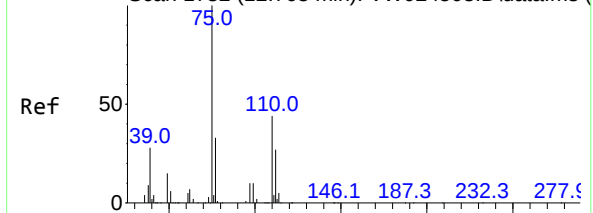
Abundance



Abundance Scan 1732 (12.463 min): VW024520.D\data.ms (



Abundance Scan 1782 (12.768 min): VW024508.D\data.ms (



#61

1,2,3-Trichloropropane

Concen: 24.072 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

Tgt Ion: 75 Resp: 86548

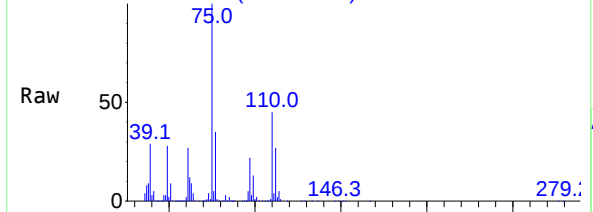
Ion Ratio Lower Upper

75 100

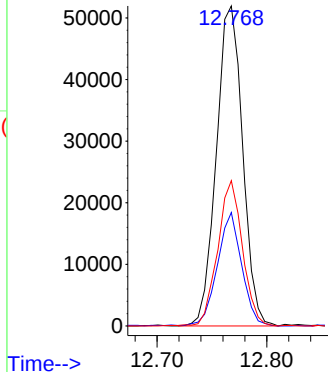
77 32.9 26.5 39.7

110 42.7 33.8 50.8

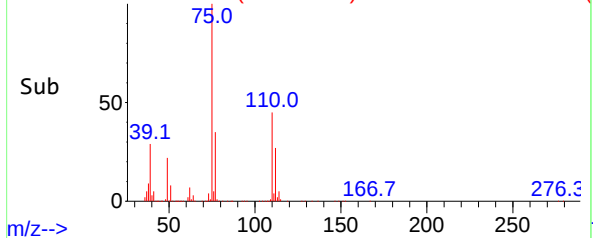
Abundance Scan 1782 (12.768 min): VW024520.D\data.ms

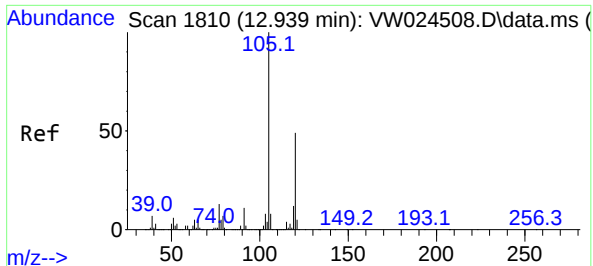


Abundance



Abundance Scan 1782 (12.768 min): VW024520.D\data.ms (





#62

1,3,5-Trimethylbenzene

Concen: 29.823 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

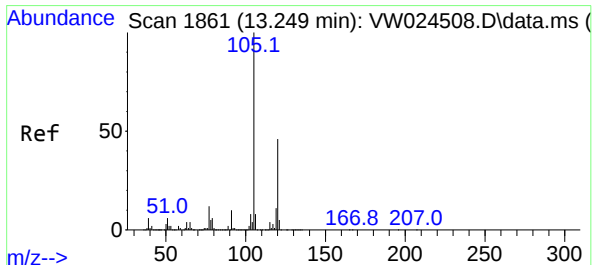
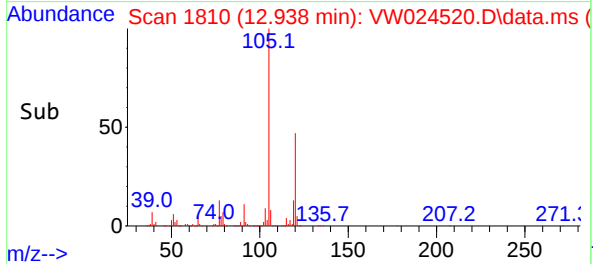
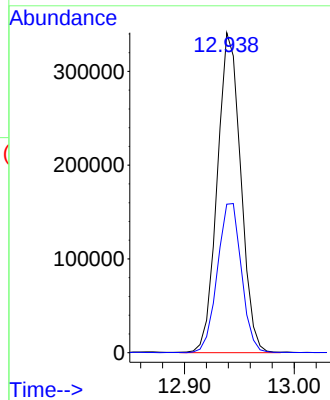
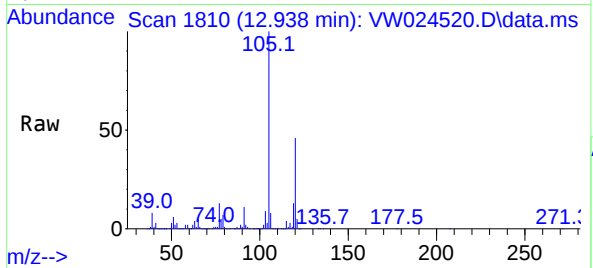
VSTD025559

Tgt Ion:105 Resp: 507796

Ion Ratio Lower Upper

105 100

120 47.8 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 30.003 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024520.D

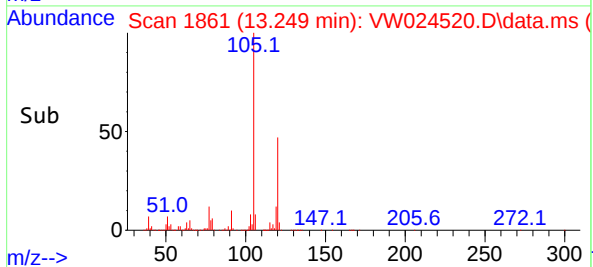
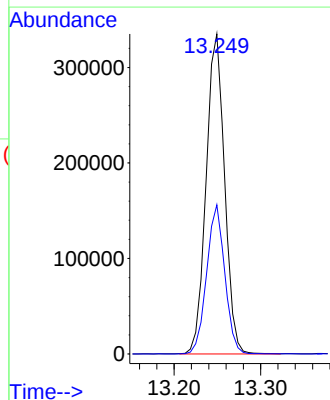
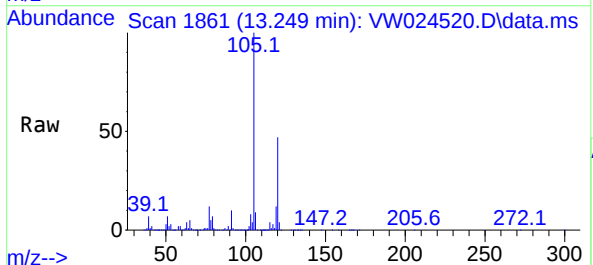
Acq: 31 Aug 2022 17:43

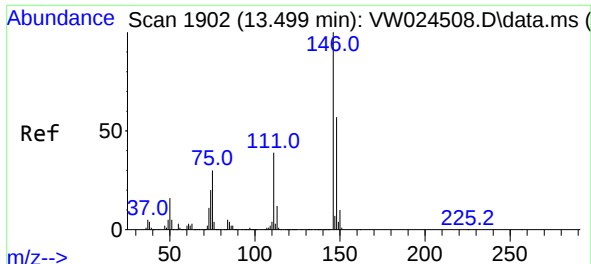
Tgt Ion:105 Resp: 496219

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.2

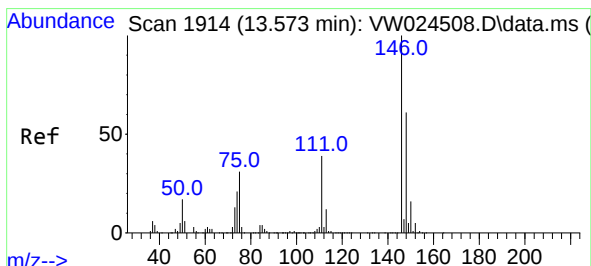
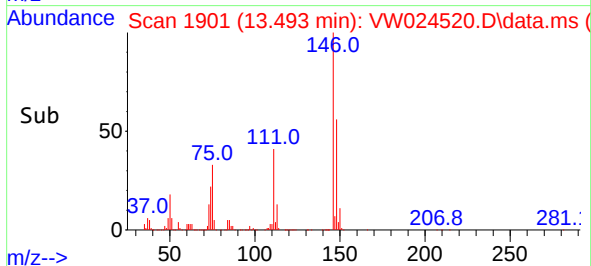
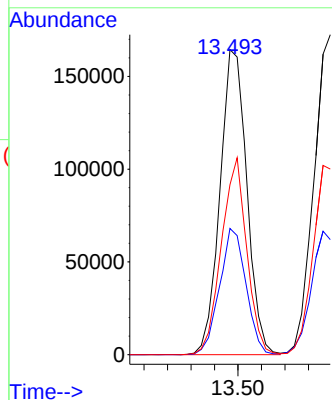
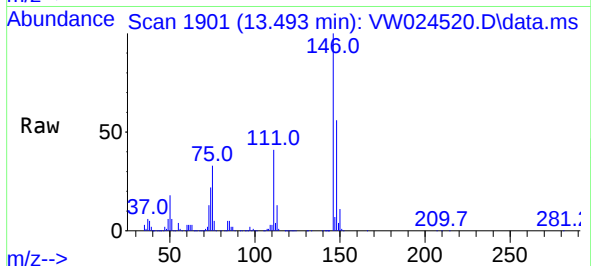




#64
1,3-Dichlorobenzene
Concen: 25.874 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

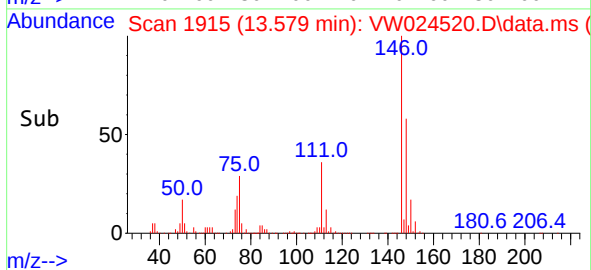
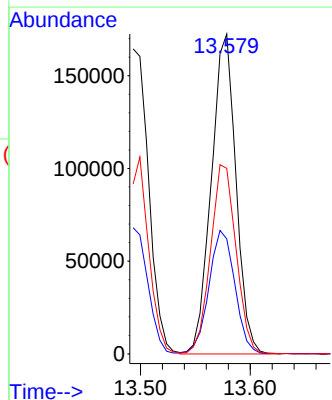
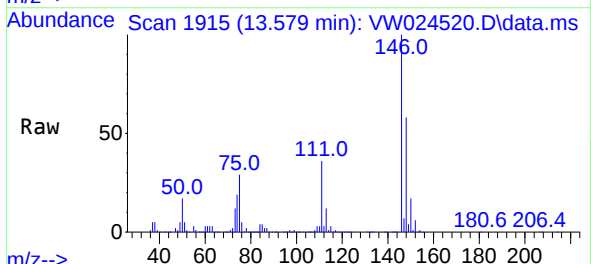
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

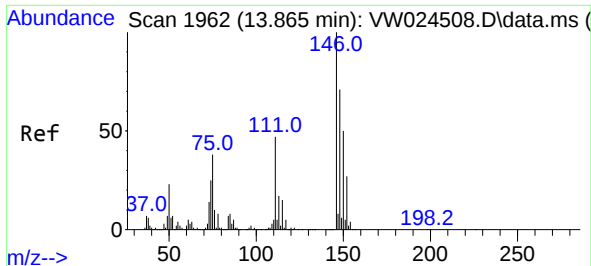
Tgt Ion:146 Resp: 261235
Ion Ratio Lower Upper
146 100
111 41.4 27.0 50.2
148 55.7 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 25.338 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion:146 Resp: 270084
Ion Ratio Lower Upper
146 100
111 36.0 27.7 51.5
148 58.0 46.5 86.5





#67

1,2-Dichlorobenzene

Concen: 25.590 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

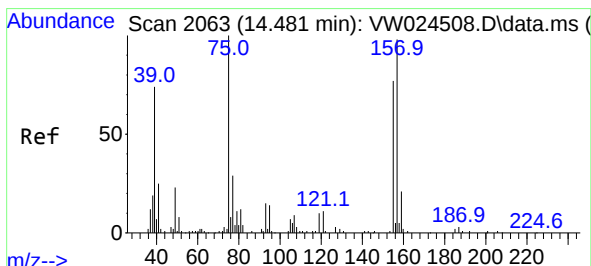
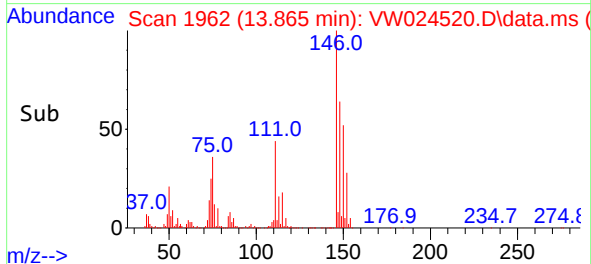
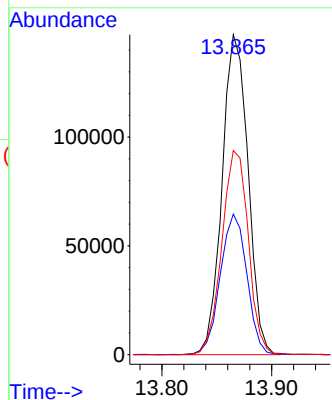
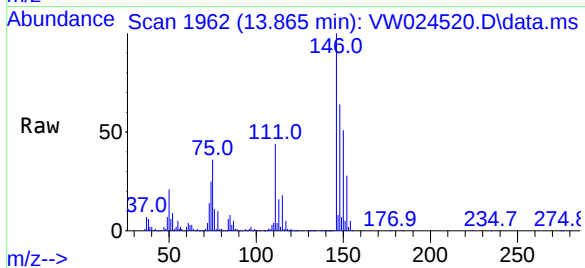
Tgt Ion:146 Resp: 242183

Ion Ratio Lower Upper

146 100

111 43.9 34.5 51.7

148 63.8 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 21.532 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024520.D

Acq: 31 Aug 2022 17:43

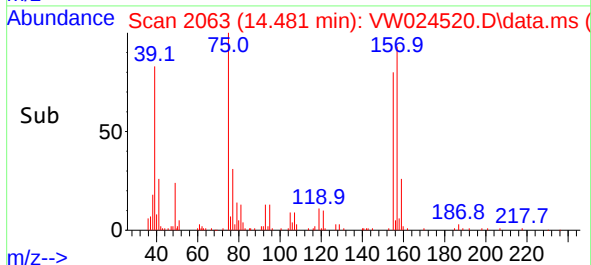
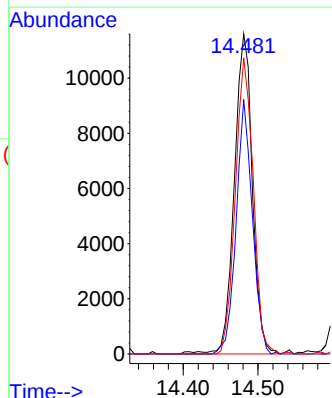
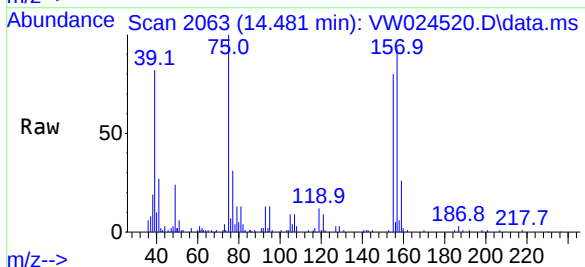
Tgt Ion: 75 Resp: 19450

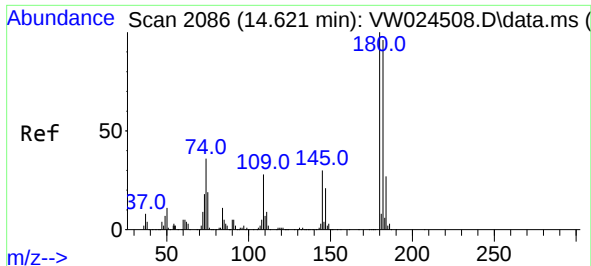
Ion Ratio Lower Upper

75 100

155 79.5 63.9 95.9

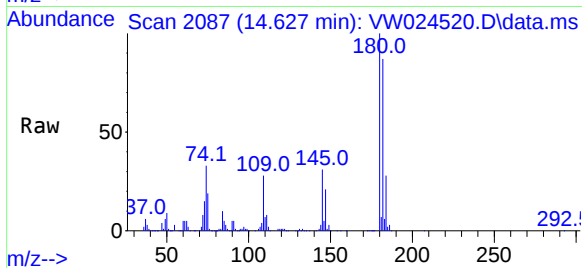
157 92.6 72.2 108.4



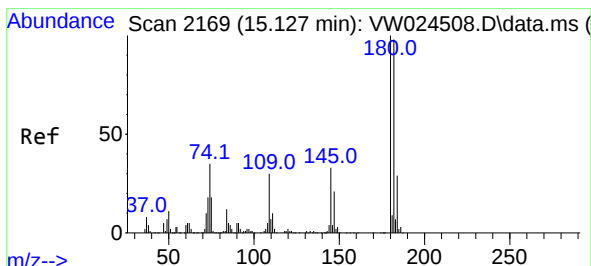
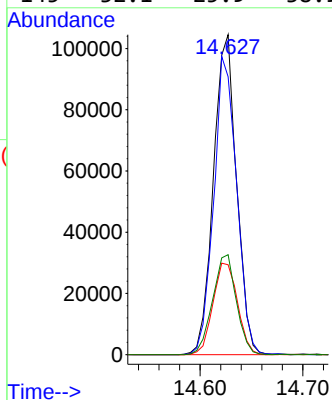
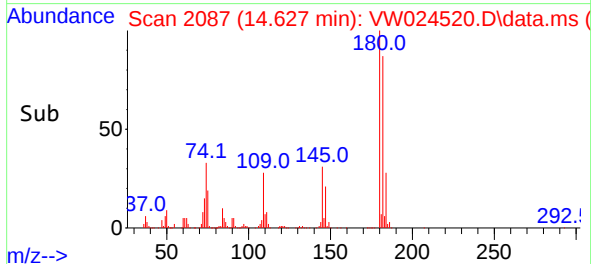


#69
1,3,5-Trichlorobenzene
Concen: 24.978 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

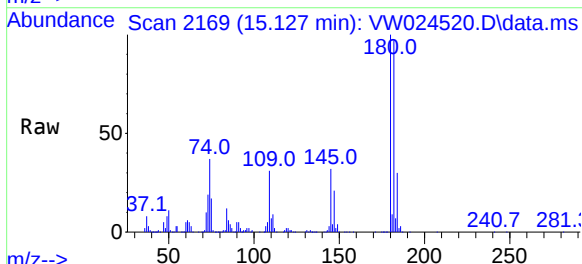
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559



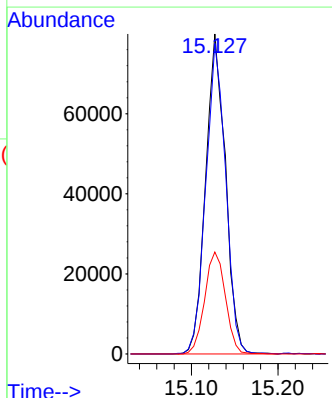
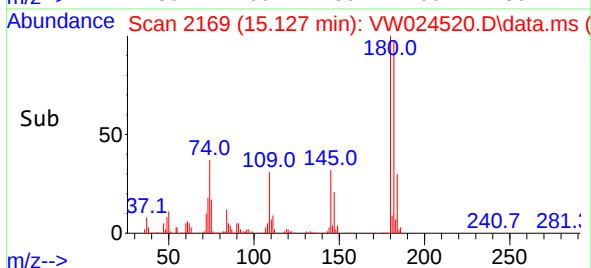
Tgt Ion:180 Resp: 162770
Ion Ratio Lower Upper
180 100
182 92.6 76.6 114.8
184 30.5 24.5 36.7
145 32.1 25.9 38.9

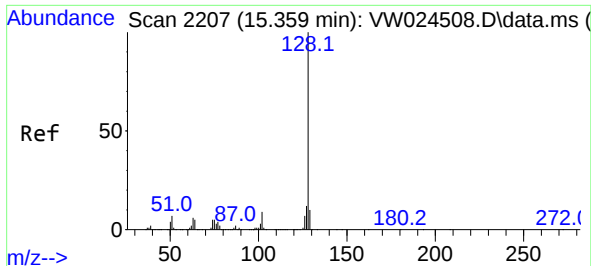


#70
1,2,4-trichlorobenzene
Concen: 25.031 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43



Tgt Ion:180 Resp: 126803
Ion Ratio Lower Upper
180 100
182 97.5 72.6 109.0
145 33.3 26.2 39.2

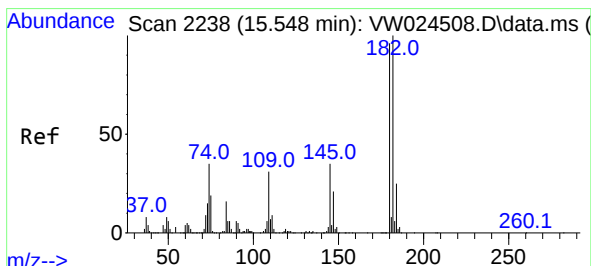
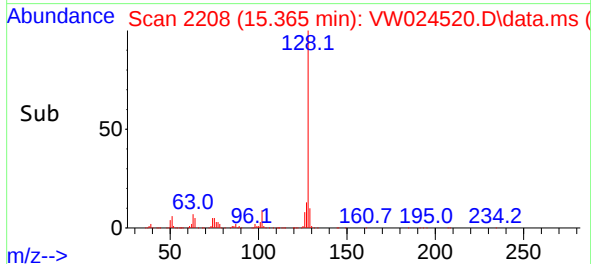
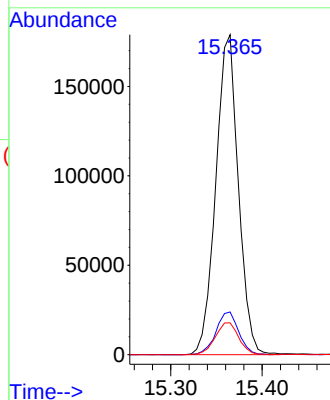
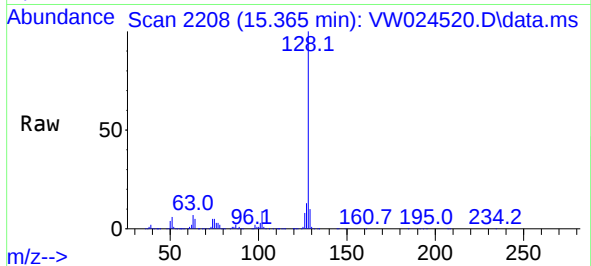




#71
Naphthalene
Concen: 27.560 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

Tgt Ion:128 Resp: 306615
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.4 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 25.039 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024520.D
Acq: 31 Aug 2022 17:43

Tgt Ion:180 Resp: 119878
Ion Ratio Lower Upper
180 100
182 93.5 74.6 111.8
145 34.6 26.6 40.0

