

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082422\
 Data File : VW024317.D
 Acq On : 24 Aug 2022 12:15
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025546

Quant Time: Aug 25 01:27:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 24 01:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	245036	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	247999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	143518	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	111327	21.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
7) Chloroethane-d5	2.867	69	85595	26.827	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.320%
11) 1,1-Dichloroethene-d2	4.007	63	121757	20.859	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.440%
21) 2-Butanone-d5	7.080	46	60341	63.324	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.640%
24) Chloroform-d	7.641	84	190672	25.717	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.880%
26) 1,2-Dichloroethane-d4	8.299	65	105396	25.605	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	8.268	84	343439	23.481	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.268	67	108668	25.164	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.640%
41) Toluene-d8	10.323	98	313267	22.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.640%
43) trans-1,3-Dichloroprop...	10.579	79	47521	25.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.480%
47) 2-Hexanone-d5	10.920	63	48787	61.165	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118840	28.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	126364	24.061	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	48161	22.340	ug/L	99
3) Chloromethane	2.209	50	92019	22.760	ug/L	97
5) Vinyl chloride	2.349	62	147061	26.129	ug/L	97
6) Bromomethane	2.757	94	102863	31.875	ug/L	93
8) Chloroethane	2.904	64	74731	30.313	ug/L	96
9) Trichlorofluoromethane	3.239	101	62747	23.519	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	79587	22.118	ug/L	95
12) 1,1-Dichloroethene	4.025	96	65390	22.197	ug/L	85
13) Acetone	4.123	43	37925	54.058	ug/L	65
14) Carbon disulfide	4.367	76	173715	18.428	ug/L	97
15) Methyl Acetate	4.665	43	40186	25.431	ug/L	94
16) Methylene chloride	4.909	84	94543	21.879	ug/L	91
17) trans-1,2-Dichloroethene	5.409	96	80692	23.719	ug/L	92
18) Methyl tert-butyl Ether	5.421	73	144907	29.871	ug/L	99
19) 1,1-Dichloroethane	6.202	63	169650	28.310	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	97656	26.139	ug/L #	98
22) 2-Butanone	7.165	43	66659	56.386	ug/L	96
23) Bromochloromethane	7.506	128	45652	24.536	ug/L	93
25) Chloroform	7.671	83	184340	27.916	ug/L	95

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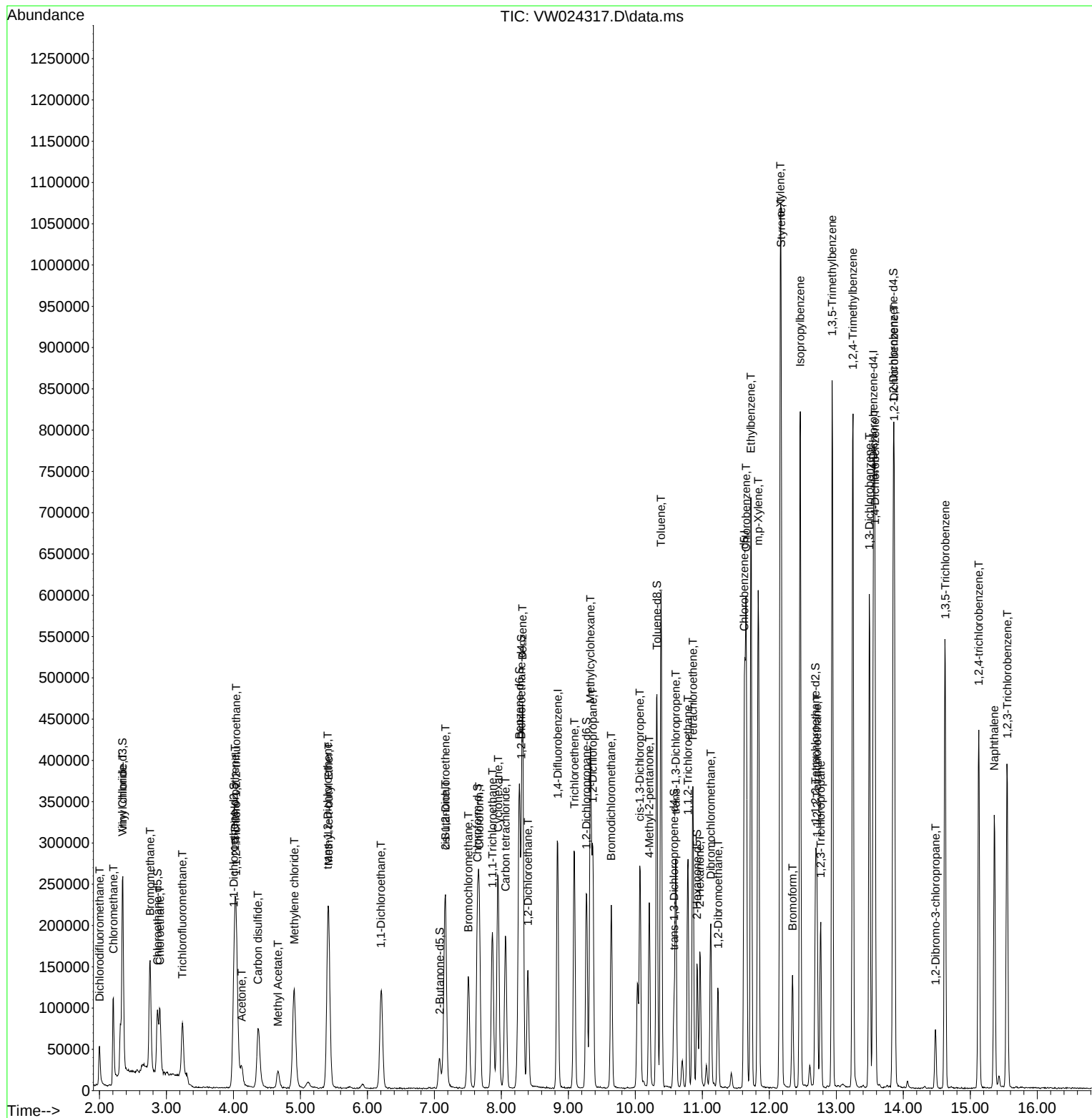
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	123448	27.782	ug/L	100
29) Cyclohexane	7.951	56	129613	25.492	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	148041	26.470	ug/L	99
31) Carbon tetrachloride	8.061	117	132321	25.079	ug/L	98
33) Benzene	8.317	78	391193	26.707	ug/L	100
34) Trichloroethene	9.091	95	97626	25.217	ug/L	95
35) Methylcyclohexane	9.329	83	155120	25.551	ug/L	98
37) 1,2-Dichloropropane	9.366	63	101998	28.170	ug/L	99
38) Bromodichloromethane	9.640	83	137617	27.099	ug/L	95
39) cis-1,3-Dichloropropene	10.067	75	153021	28.726	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	138680	57.711	ug/L	99
42) Toluene	10.384	91	423922	27.235	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	139719	28.705	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	83308	27.298	ug/L	97
46) Tetrachloroethene	10.859	164	75245	24.007	ug/L	96
48) 2-Hexanone	10.963	43	103177	63.268	ug/L	98
49) Dibromochloromethane	11.128	129	96467	26.257	ug/L	86
50) 1,2-Dibromoethane	11.237	107	76885	26.295	ug/L	99
51) Chlorobenzene	11.652	112	280115	26.340	ug/L	95
52) Ethylbenzene	11.725	91	477807	28.019	ug/L	98
53) m,p-Xylene	11.835	106	191505	28.849	ug/L	99
54) o-Xylene	12.164	106	185944	29.650	ug/L	92
55) Styrene	12.176	104	330363	30.289	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	107611	28.215	ug/L	97
59) Bromoform	12.347	173	56050	25.604	ug/L	99
60) Isopropylbenzene	12.463	105	507198	29.193	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	76860	26.910	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	428984	29.879	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	421932	29.840	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	223796	26.305	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	239322	26.565	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	214835	26.592	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18348	27.495	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	150771	27.026	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	124776	27.929	ug/L	98
71) Naphthalene	15.359	128	261884	30.095	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	119985	29.499	ug/L	98

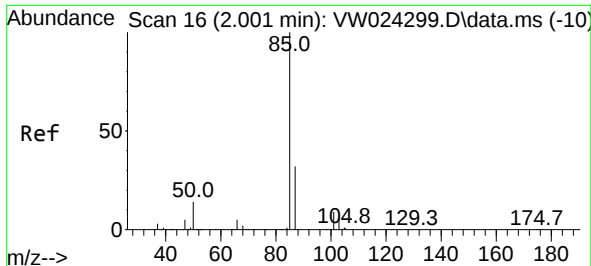
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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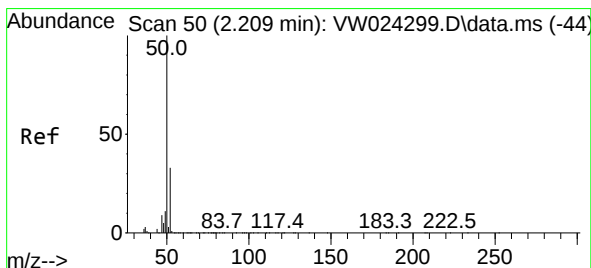
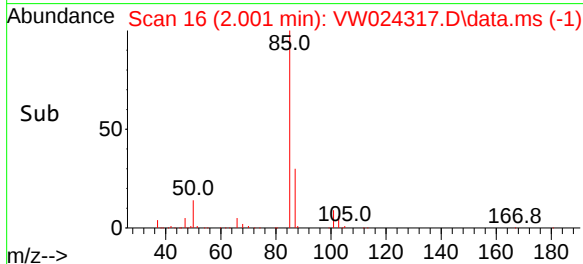
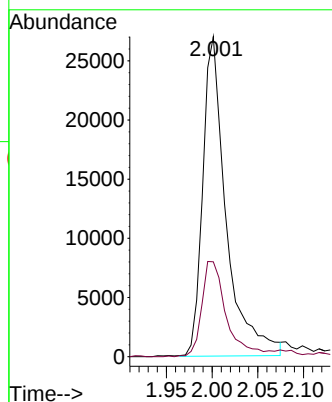
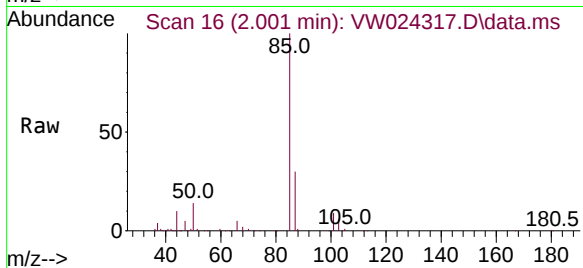




#2
Dichlorodifluoromethane
Concen: 22.340 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

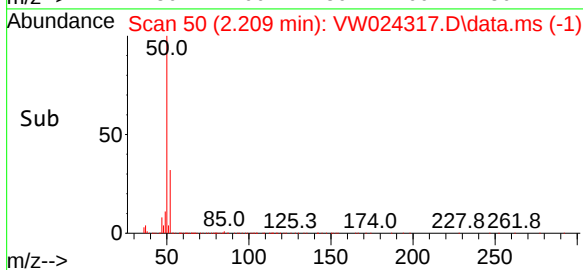
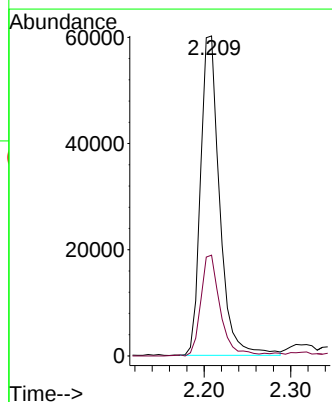
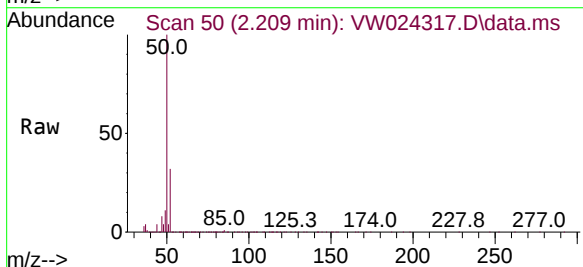
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MSVOA_W
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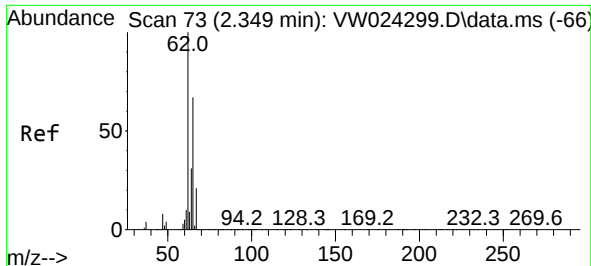
Tgt Ion: 85 Resp: 48161
Ion Ratio Lower Upper
85 100
87 30.9 24.5 36.7



#3
Chloromethane
Concen: 22.760 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion: 50 Resp: 92019
Ion Ratio Lower Upper
50 100
52 31.5 23.2 43.2

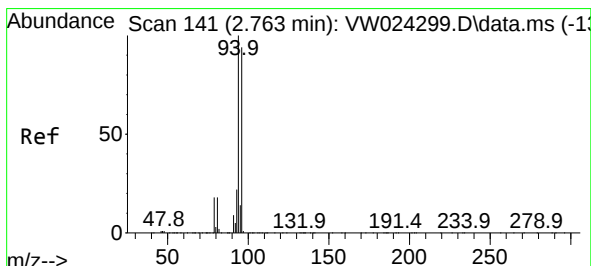
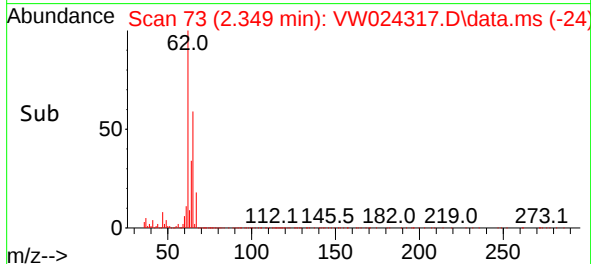
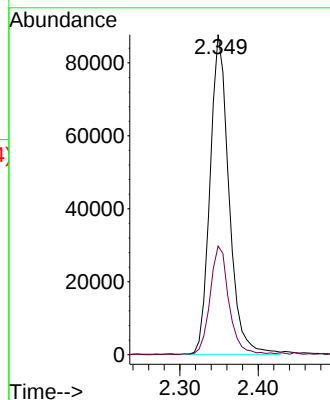
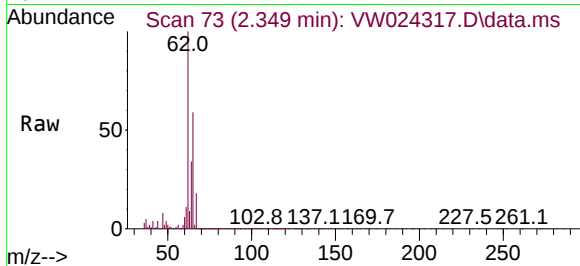




#5
 Vinyl chloride
 Concen: 26.129 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024317.D
 Acq: 24 Aug 2022 12:15

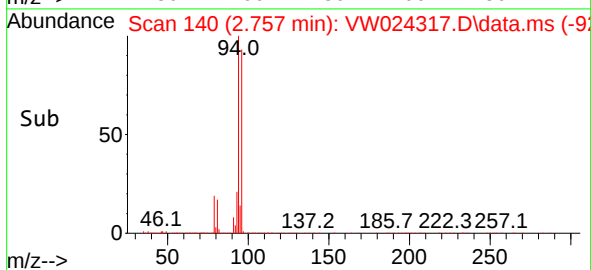
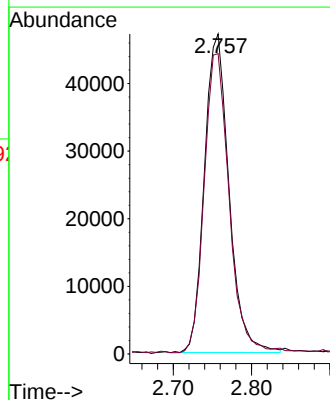
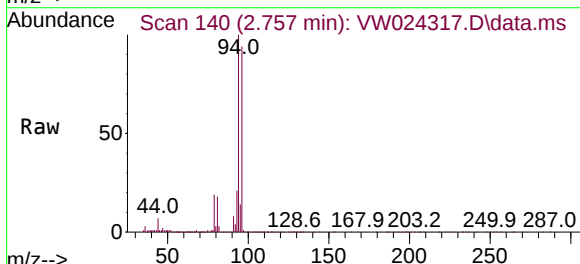
Instrument :
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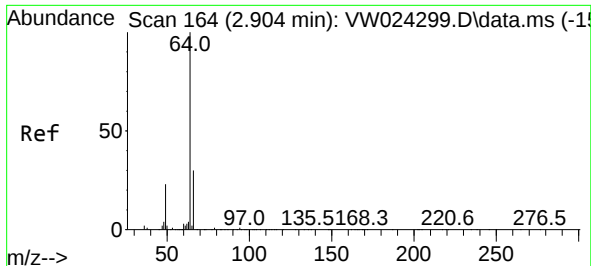
Tgt Ion: 62 Resp: 147061
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.7 42.3



#6
 Bromomethane
 Concen: 31.875 ug/L
 RT: 2.757 min Scan# 140
 Delta R.T. -0.006 min
 Lab File: VW024317.D
 Acq: 24 Aug 2022 12:15

Tgt Ion: 94 Resp: 102863
 Ion Ratio Lower Upper
 94 100
 96 93.8 61.0 113.4

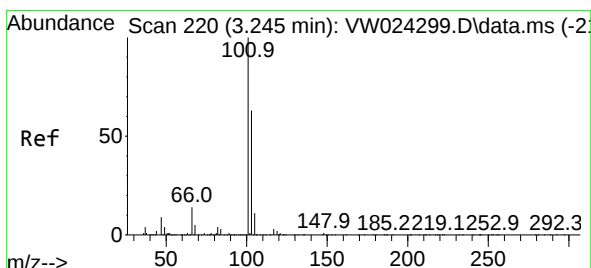
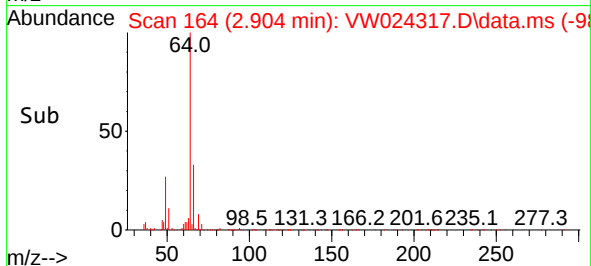
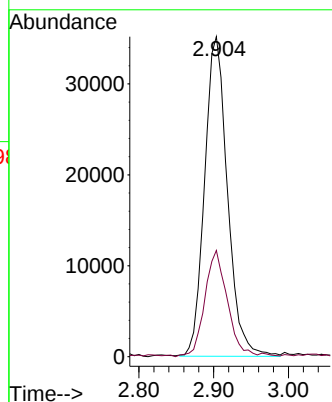
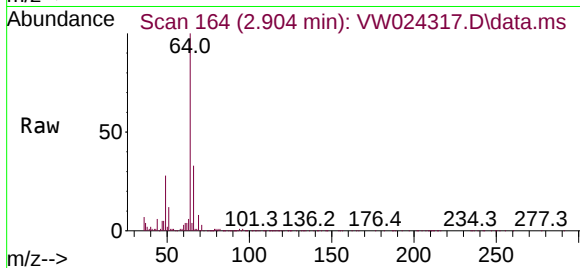




#8
Chloroethane
Concen: 30.313 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

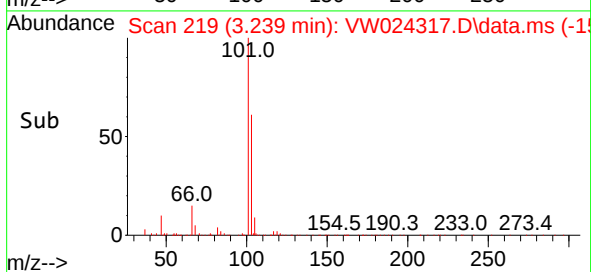
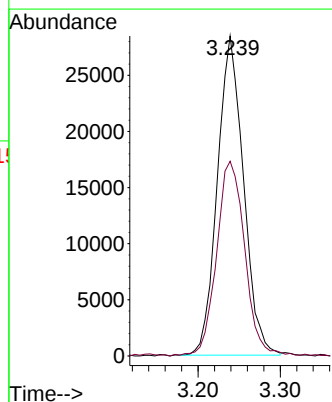
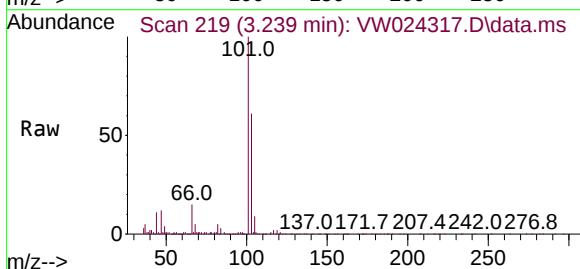
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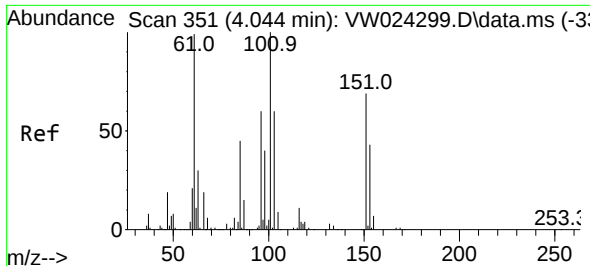
Tgt Ion: 64 Resp: 74731
Ion Ratio Lower Upper
64 100
66 33.2 21.6 40.0



#9
Trichlorofluoromethane
Concen: 23.519 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion: 101 Resp: 62747
Ion Ratio Lower Upper
101 100
103 65.9 50.5 75.7

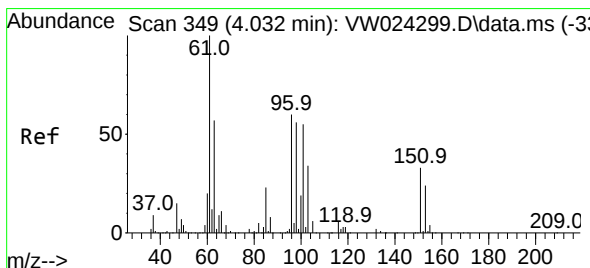
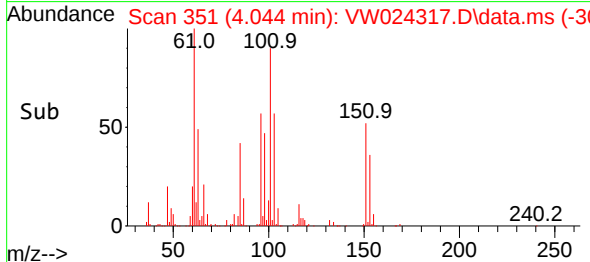
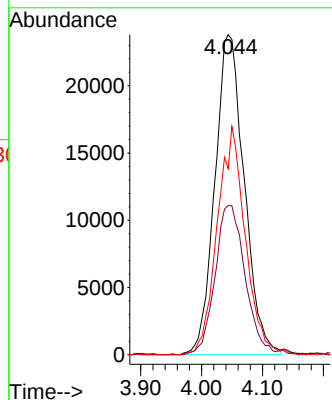
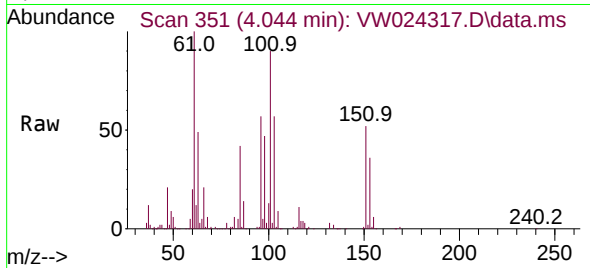




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.118 ug/L
 RT: 4.044 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW024317.D
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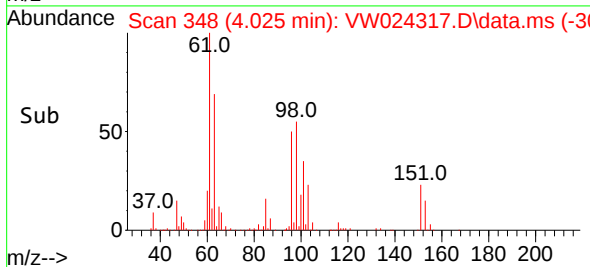
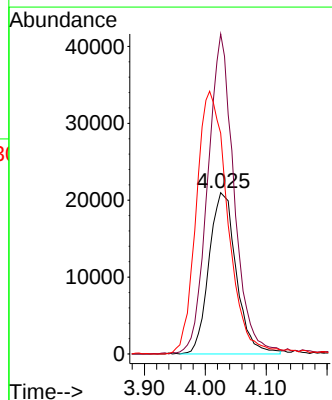
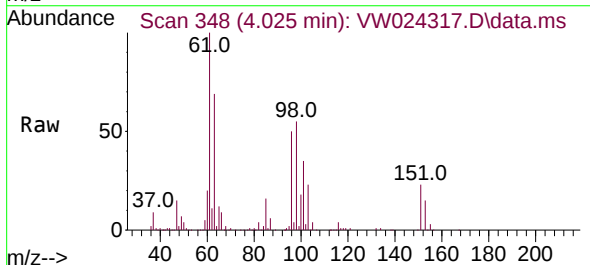
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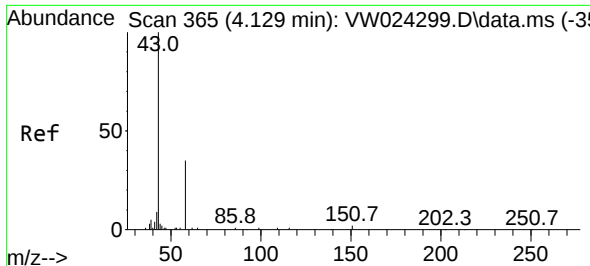
Tgt Ion:	101	Resp:	79587
Ion	Ratio	Lower	Upper
101	100		
85	47.6	34.9	52.3
151	67.8	57.0	85.6



#12
 1,1-Dichloroethene
 Concen: 22.197 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
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Tgt Ion:	96	Resp:	65390
Ion	Ratio	Lower	Upper
96	100		
61	198.4	123.1	228.5
63	136.9	84.9	157.7

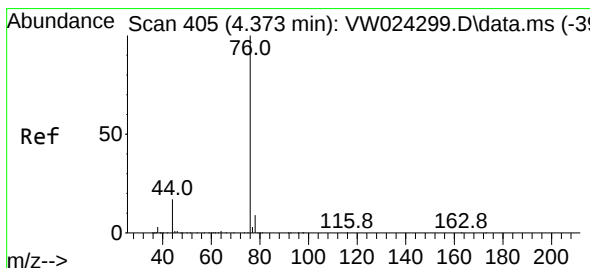
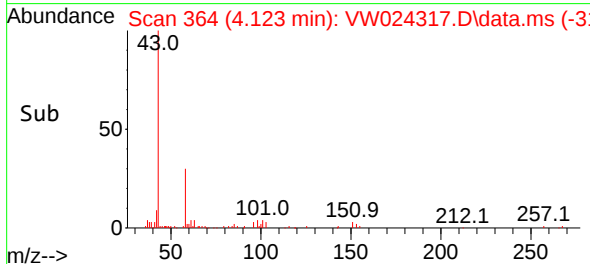
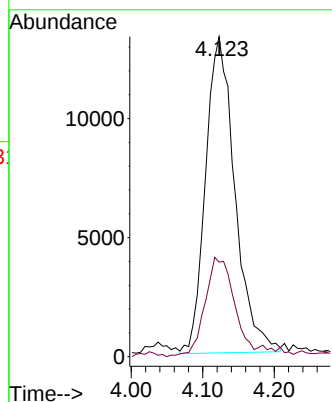
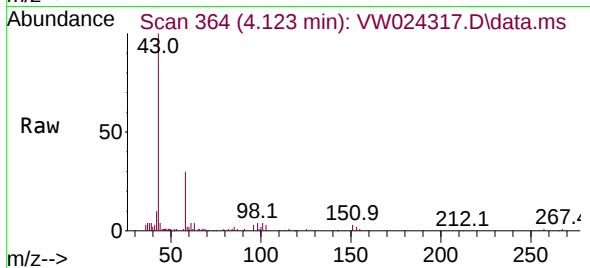




#13
Acetone
Concen: 54.058 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
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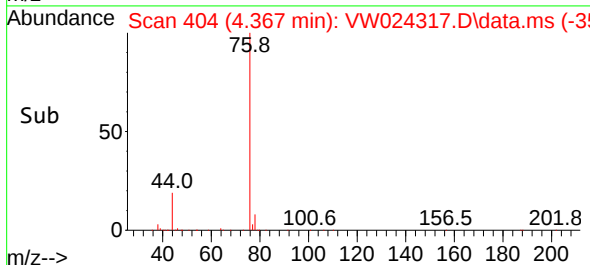
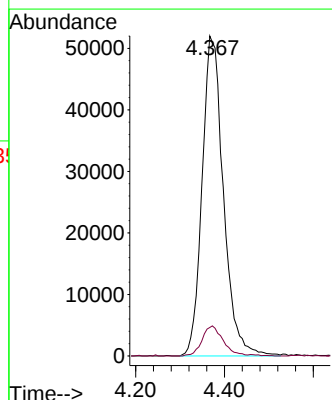
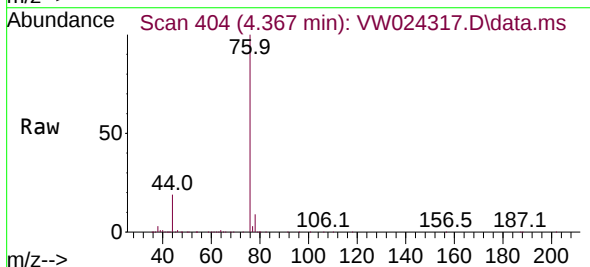
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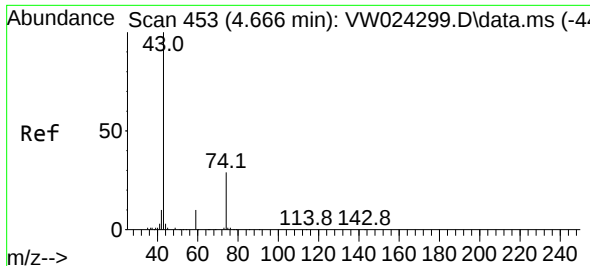
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Ion Ratio Lower Upper
43 100
58 30.8 0.0 31.8



#14
Carbon disulfide
Concen: 18.428 ug/L
RT: 4.367 min Scan# 404
Delta R.T. -0.006 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion: 76 Resp: 173715
Ion Ratio Lower Upper
76 100
78 8.9 7.9 11.9

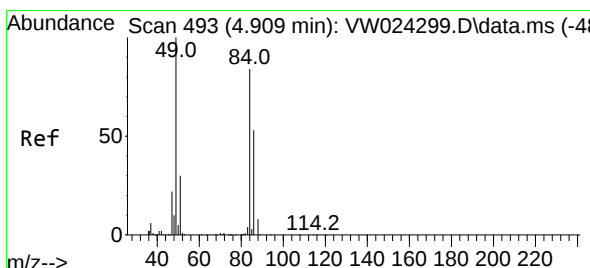
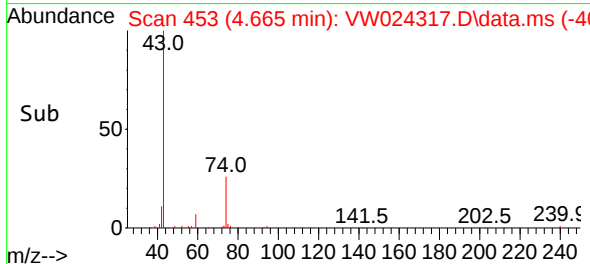
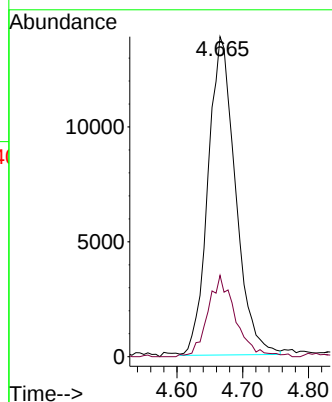
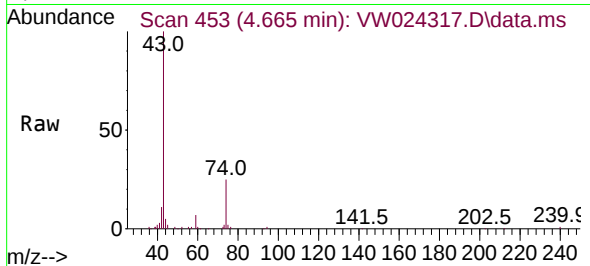




#15
Methyl Acetate
Concen: 25.431 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

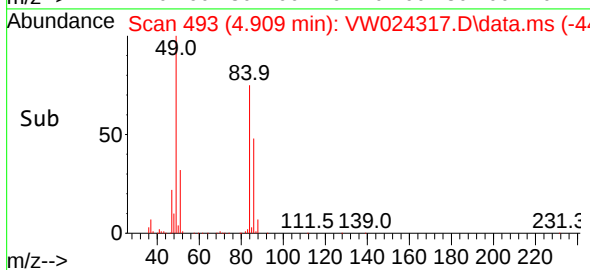
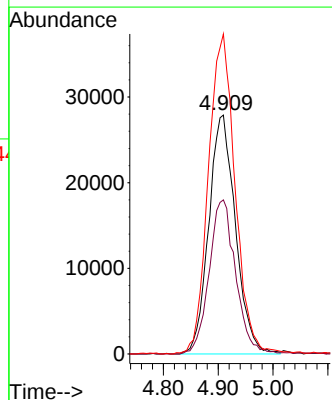
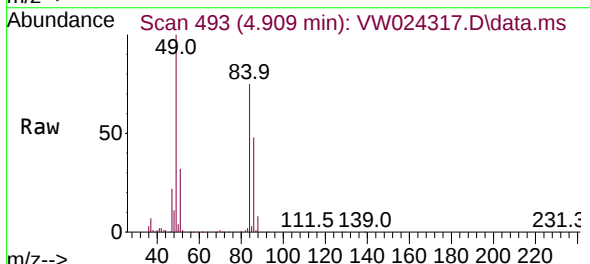
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

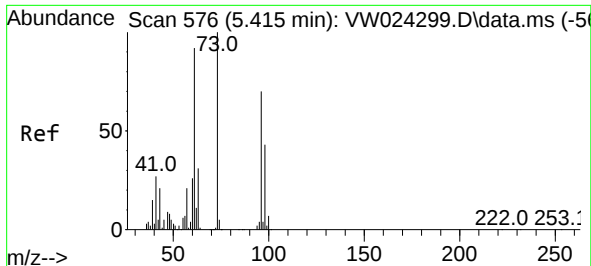
Tgt Ion: 43 Resp: 40186
Ion Ratio Lower Upper
43 100
74 23.8 21.5 32.3



#16
Methylene chloride
Concen: 21.879 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion: 84 Resp: 94543
Ion Ratio Lower Upper
84 100
86 64.5 42.8 79.6
49 133.9 85.3 158.3





#17

trans-1,2-Dichloroethene

Concen: 23.719 ug/L

RT: 5.409 min Scan# 576

Delta R.T. -0.006 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

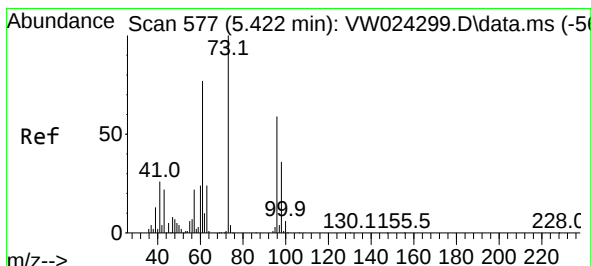
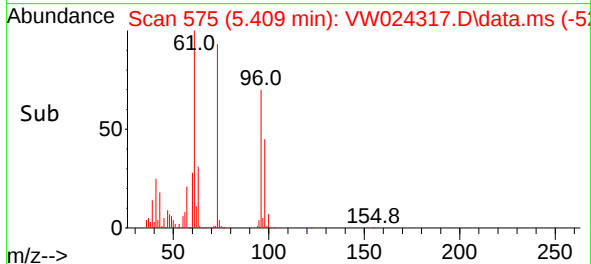
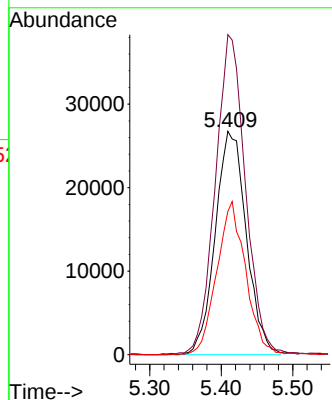
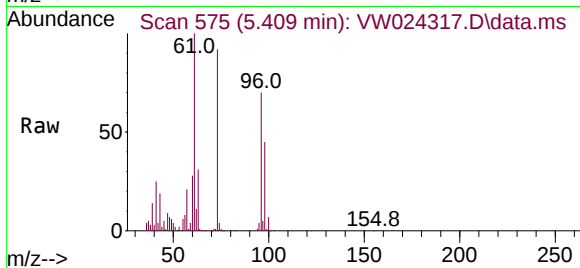
Tgt Ion: 96 Resp: 80692

Ion Ratio Lower Upper

96 100

61 143.3 93.0 172.8

98 64.2 48.5 90.1



#18

Methyl tert-butyl Ether

Concen: 29.871 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

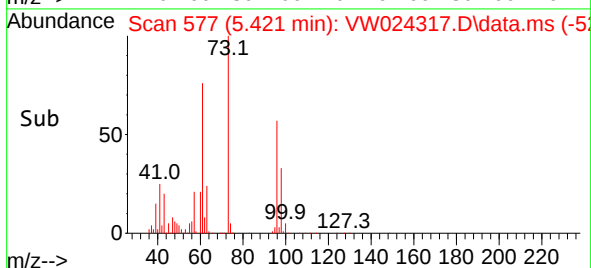
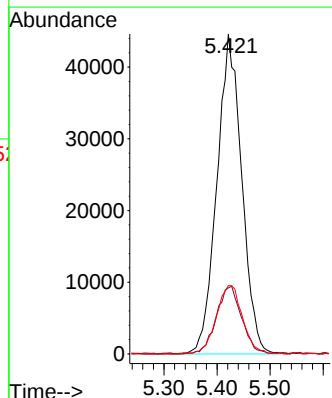
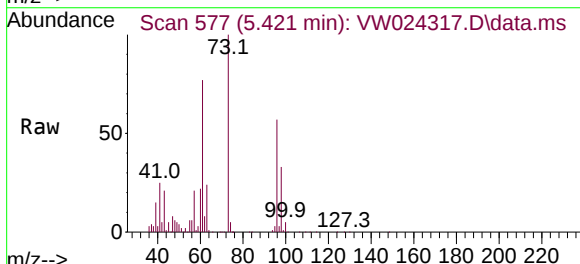
Tgt Ion: 73 Resp: 144907

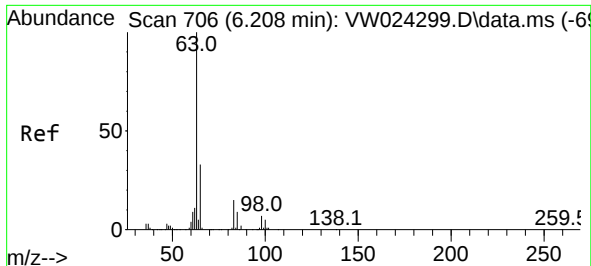
Ion Ratio Lower Upper

73 100

43 21.6 16.6 24.8

57 22.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 28.310 ug/L

RT: 6.202 min Scan# 706

Delta R.T. -0.006 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

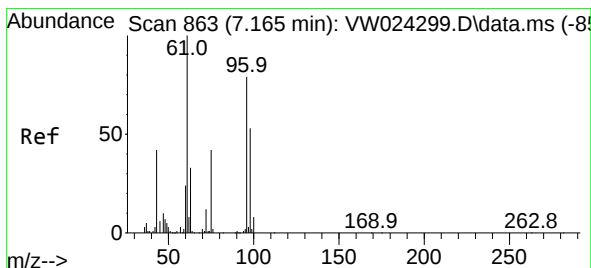
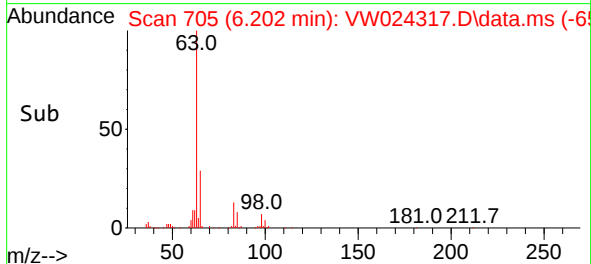
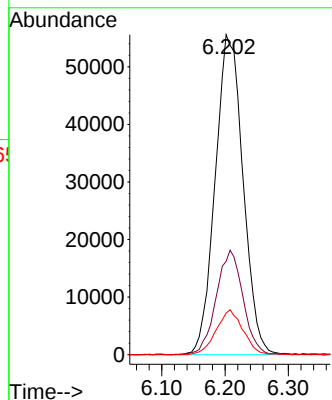
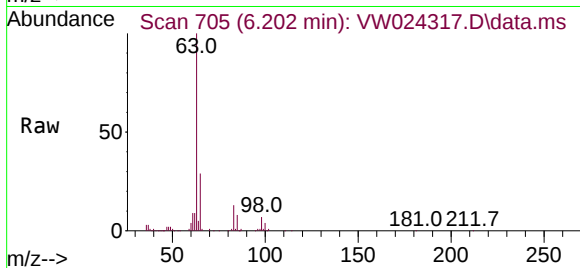
Tgt Ion: 63 Resp: 169650

Ion Ratio Lower Upper

63 100

65 29.2 22.0 41.0

83 13.0 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 26.139 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

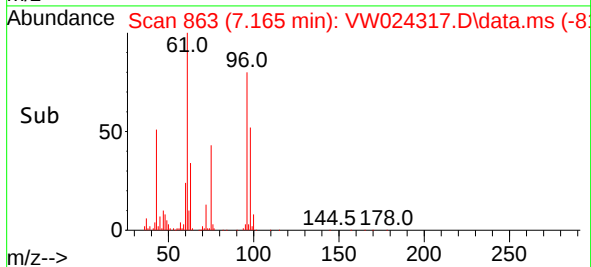
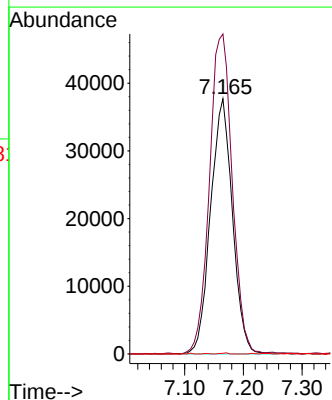
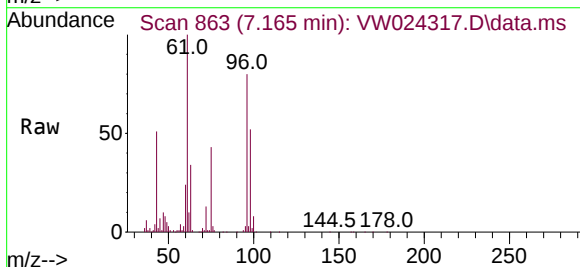
Tgt Ion: 96 Resp: 97656

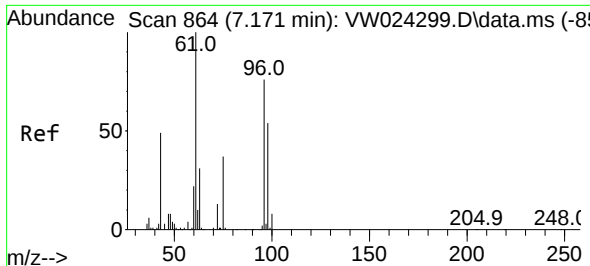
Ion Ratio Lower Upper

96 100

61 125.4 89.5 166.3

68 0.2 0.1 0.1#

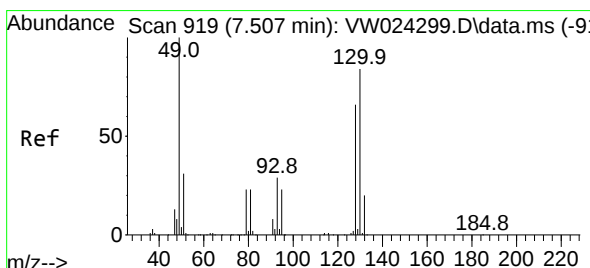
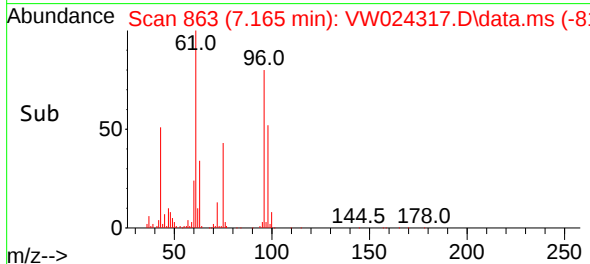
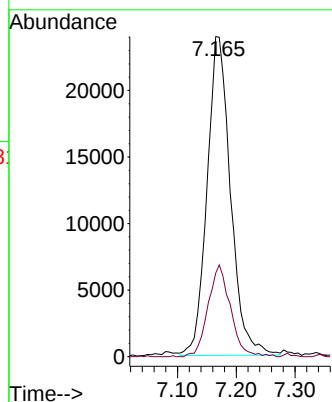
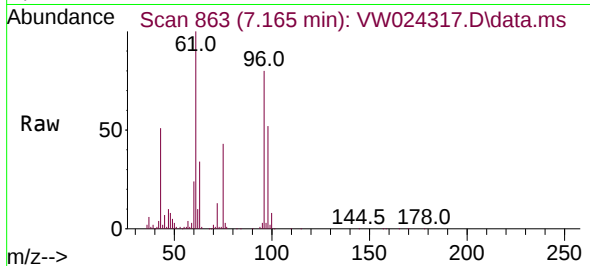




#22
2-Butanone
Concen: 56.386 ug/L
RT: 7.165 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

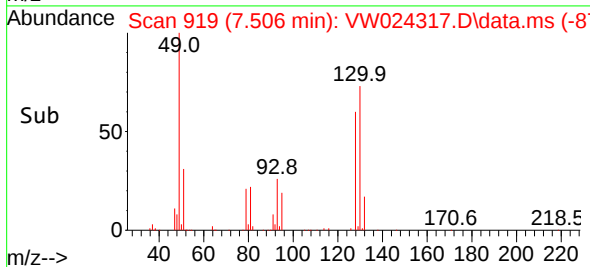
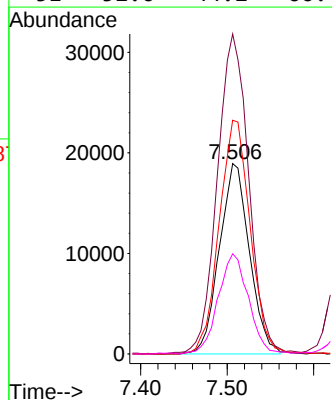
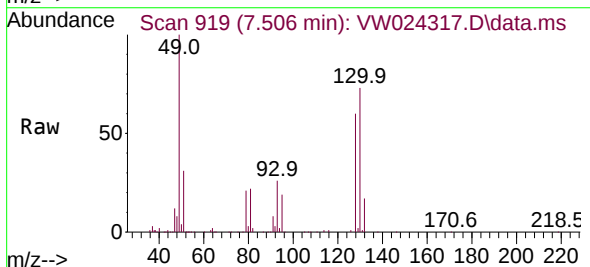
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

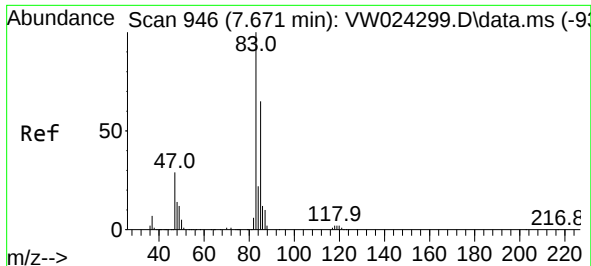
Tgt Ion: 43 Resp: 66659
Ion Ratio Lower Upper
43 100
72 26.3 14.3 42.9



#23
Bromochloromethane
Concen: 24.536 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion: 128 Resp: 45652
Ion Ratio Lower Upper
128 100
49 168.0 106.6 198.0
130 122.7 88.1 163.5
51 52.6 44.2 66.4

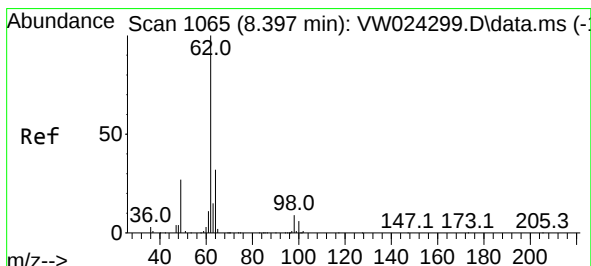
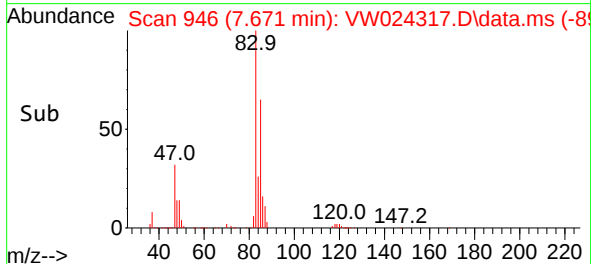
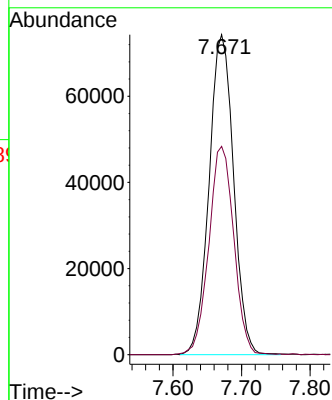
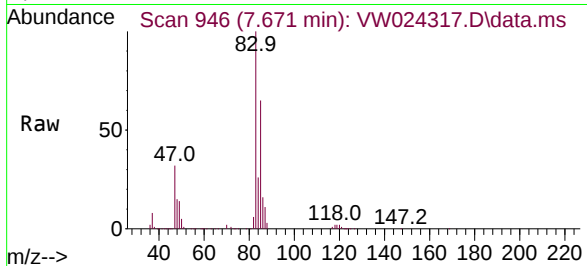




#25
Chloroform
Concen: 27.916 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

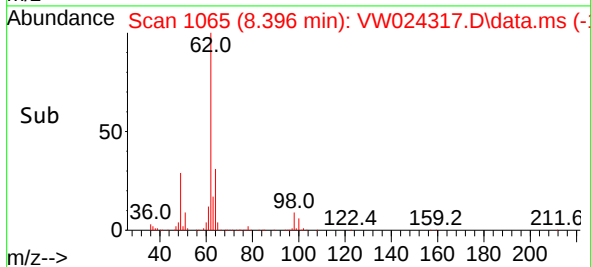
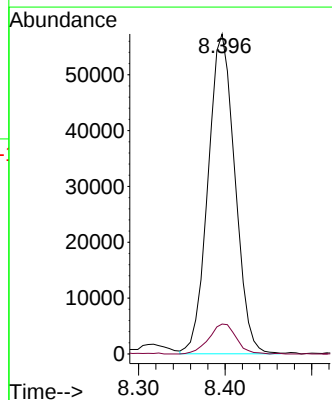
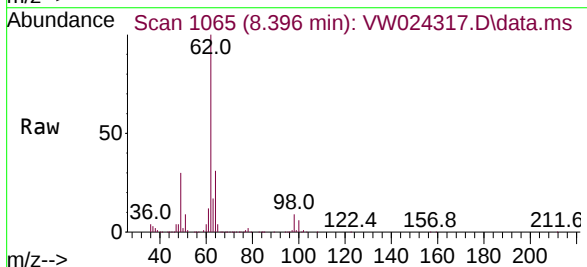
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

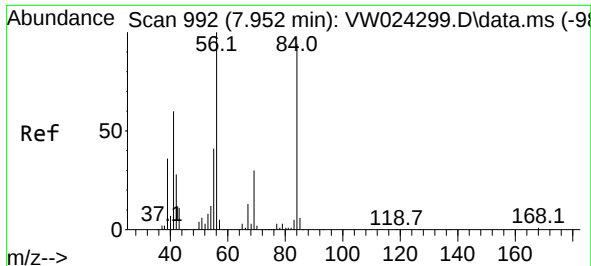
Tgt Ion: 83 Resp: 184340
Ion Ratio Lower Upper
83 100
85 65.1 42.9 79.7



#27
1,2-Dichloroethane
Concen: 27.782 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

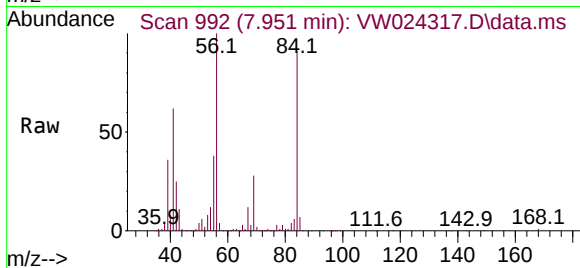
Tgt Ion: 62 Resp: 123448
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





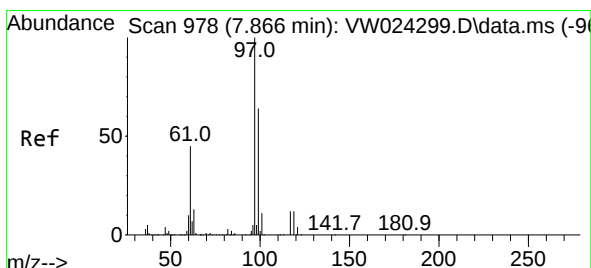
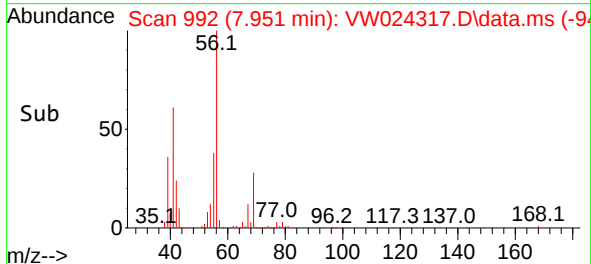
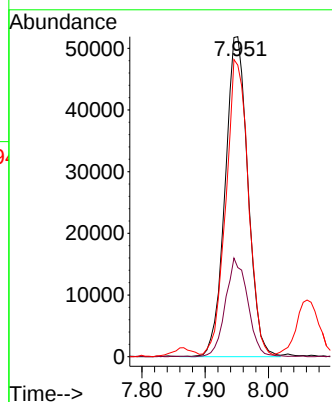
#29
Cyclohexane
Concen: 25.492 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025546



Tgt Ion: 56 Resp: 129613

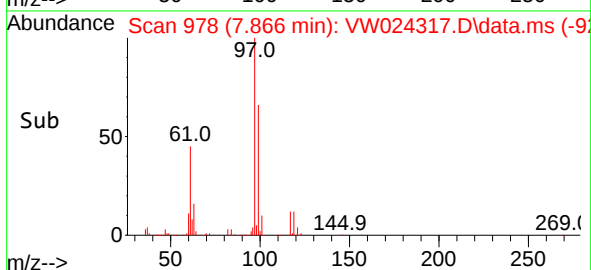
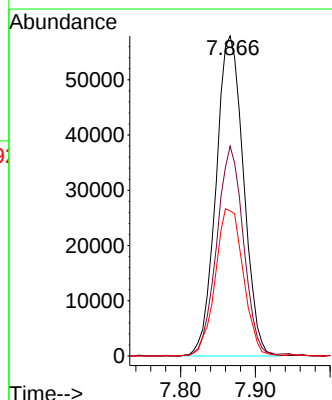
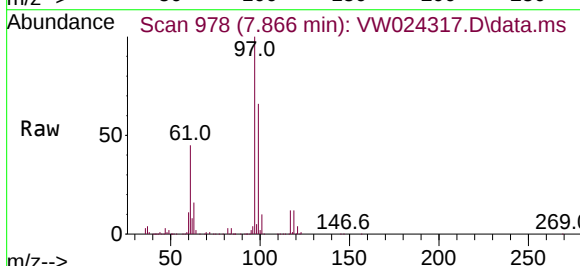
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.5	36.7
84	91.9	75.5	113.3

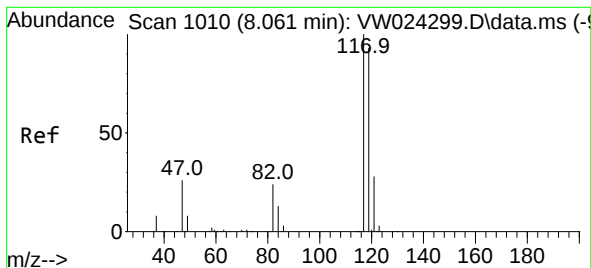


#30
1,1,1-Trichloroethane
Concen: 26.470 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion: 97 Resp: 148041

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.0	76.6
61	47.1	36.2	54.2





#31

Carbon tetrachloride

Concen: 25.079 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

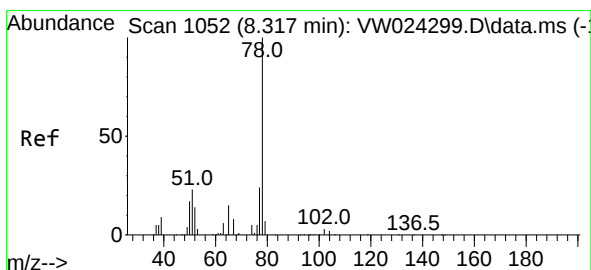
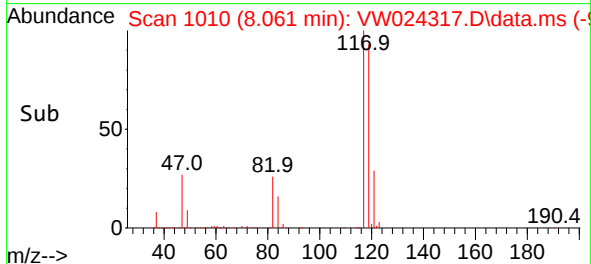
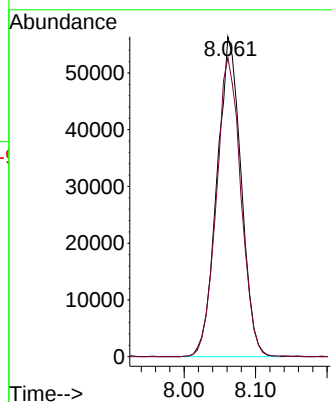
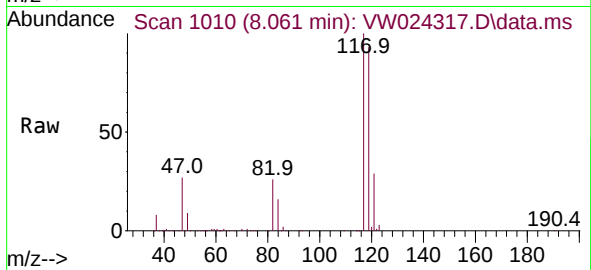
VSTD025546

Tgt Ion:117 Resp: 132321

Ion Ratio Lower Upper

117 100

119 94.9 77.8 116.8



#33

Benzene

Concen: 26.707 ug/L

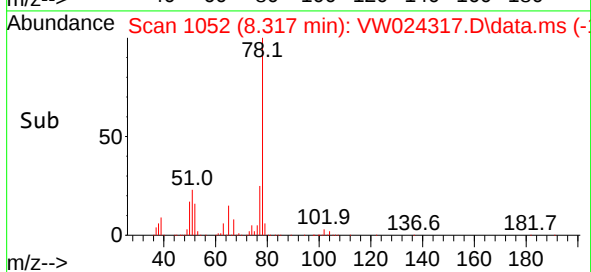
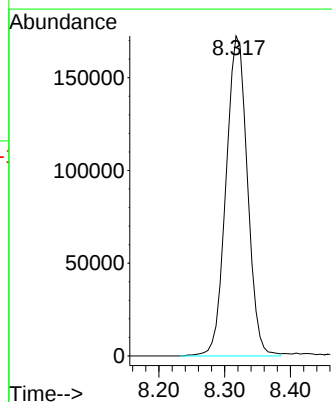
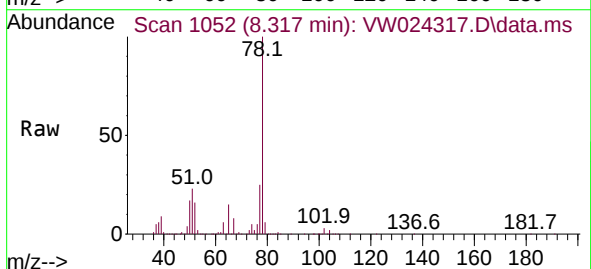
RT: 8.317 min Scan# 1052

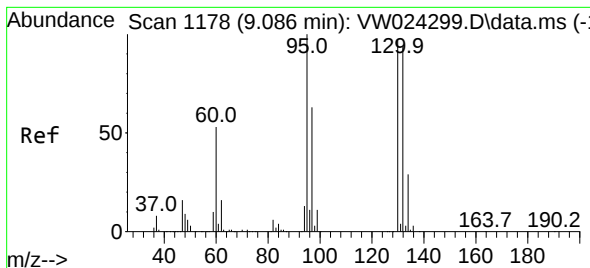
Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Tgt Ion: 78 Resp: 391193





#34

Trichloroethene

Concen: 25.217 ug/L

RT: 9.091 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

Tgt Ion: 95 Resp: 97626

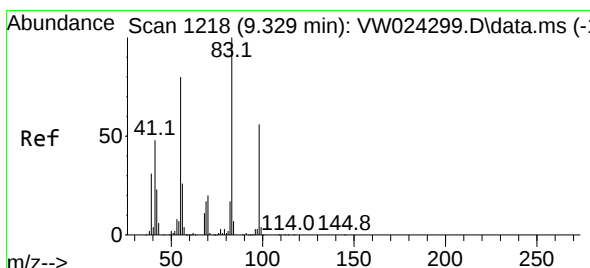
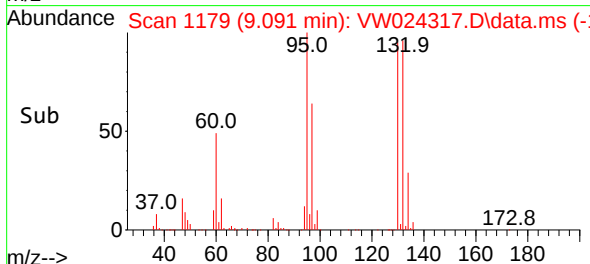
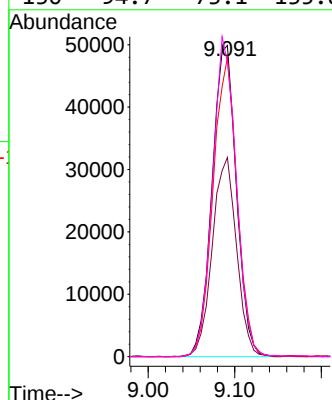
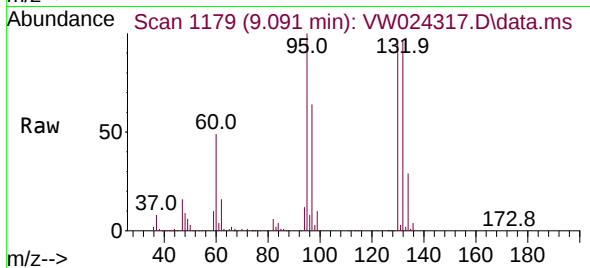
Ion Ratio Lower Upper

95 100

97 64.0 41.6 77.2

132 96.1 67.0 124.4

130 94.7 73.1 135.8



#35

Methylcyclohexane

Concen: 25.551 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

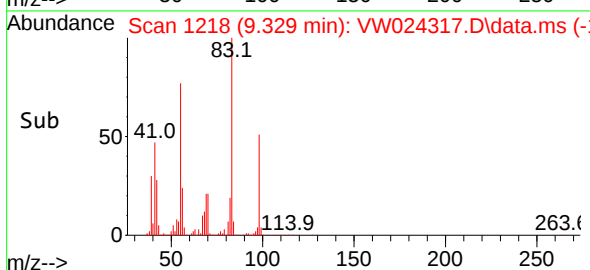
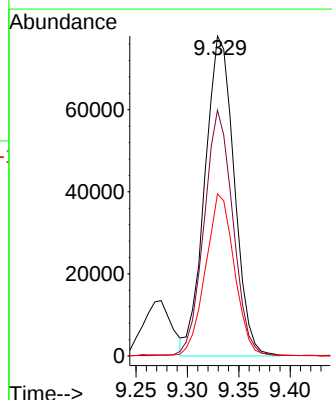
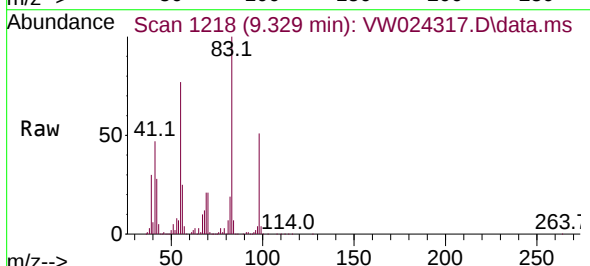
Tgt Ion: 83 Resp: 155120

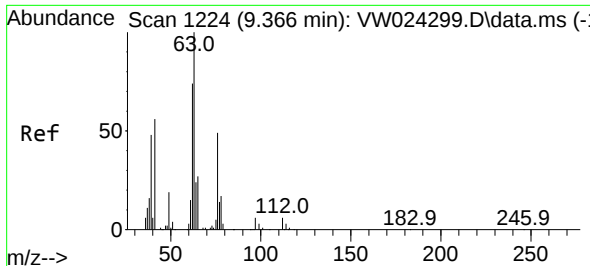
Ion Ratio Lower Upper

83 100

55 75.6 59.1 88.7

98 50.0 40.8 61.2





#37

1,2-Dichloropropane

Concen: 28.170 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

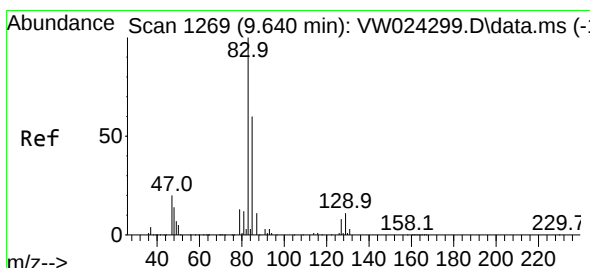
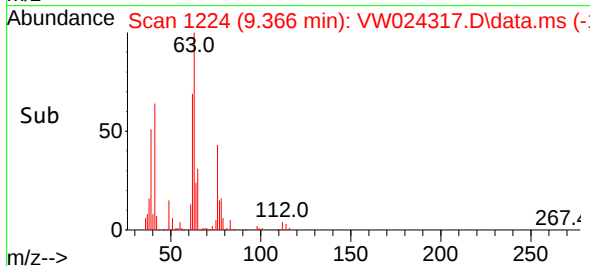
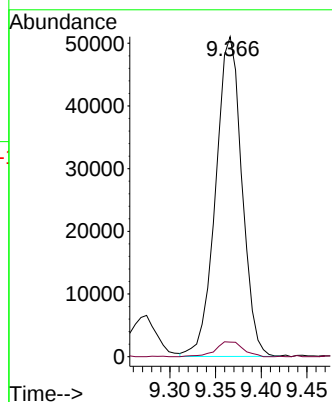
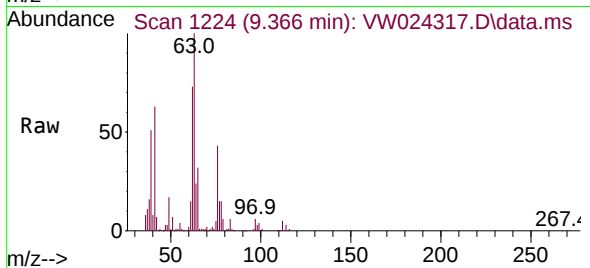
VSTD025546

Tgt Ion: 63 Resp: 101998

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.6



#38

Bromodichloromethane

Concen: 27.099 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

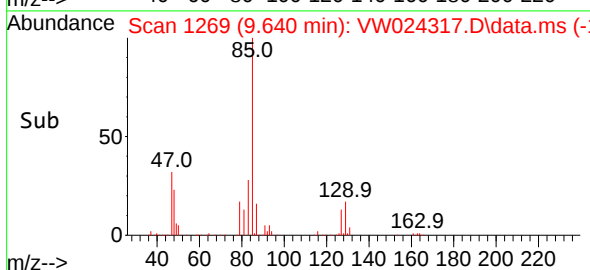
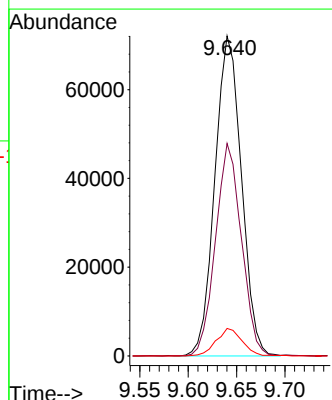
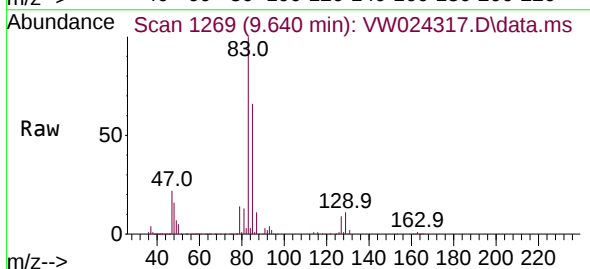
Tgt Ion: 83 Resp: 137617

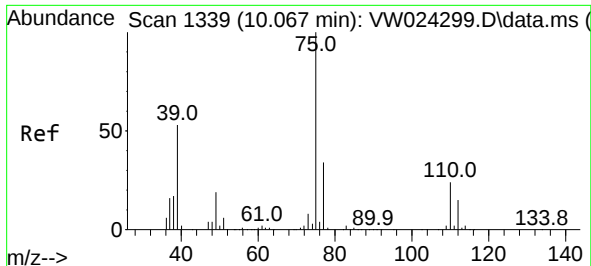
Ion Ratio Lower Upper

83 100

85 66.4 43.7 81.1

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 28.726 ug/L

RT: 10.067 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

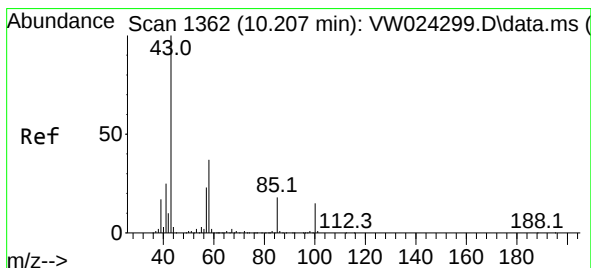
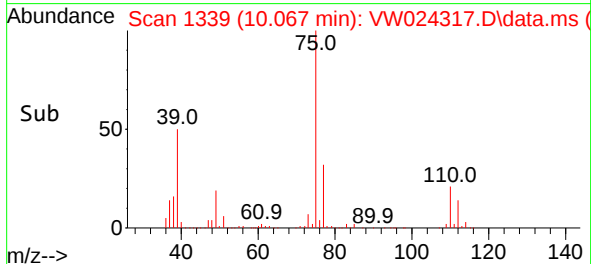
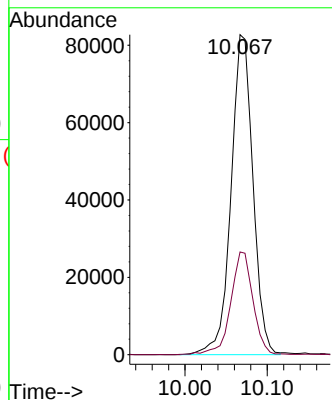
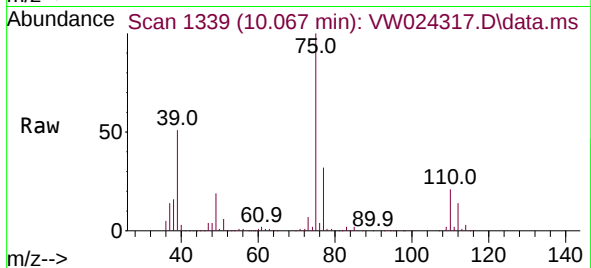
VSTD025546

Tgt Ion: 75 Resp: 153021

Ion Ratio Lower Upper

75 100

77 32.1 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 57.711 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

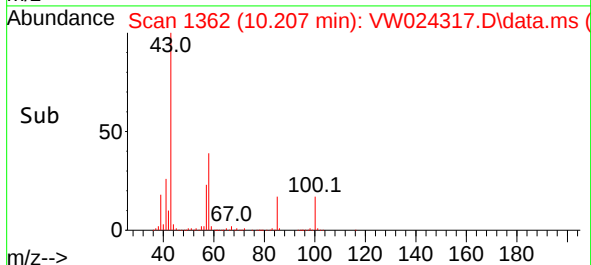
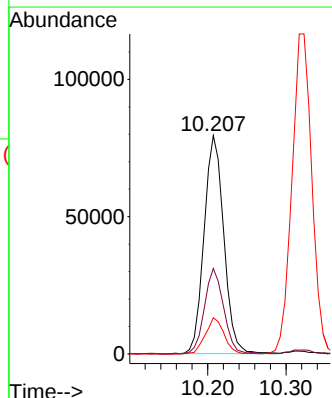
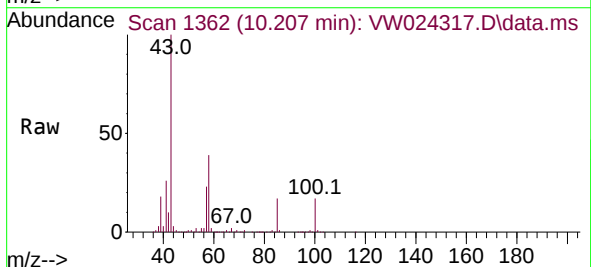
Tgt Ion: 43 Resp: 138680

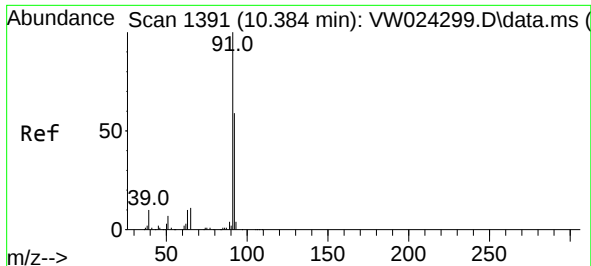
Ion Ratio Lower Upper

43 100

58 38.0 30.5 45.7

100 15.8 13.8 20.6

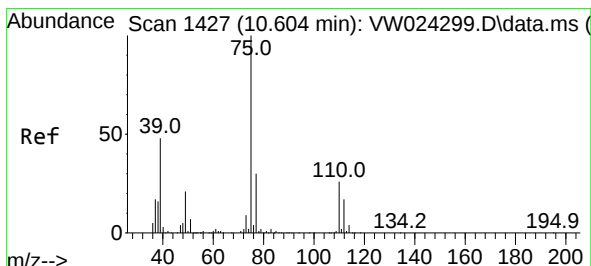
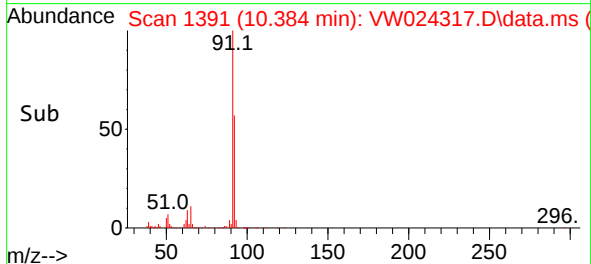
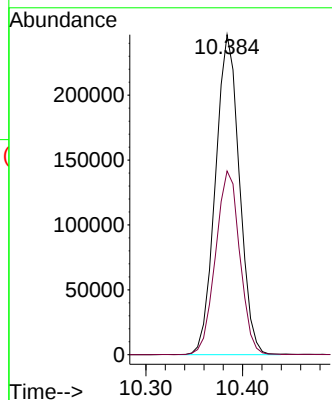
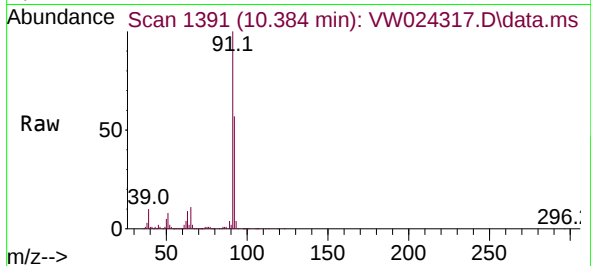




#42
Toluene
Concen: 27.235 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

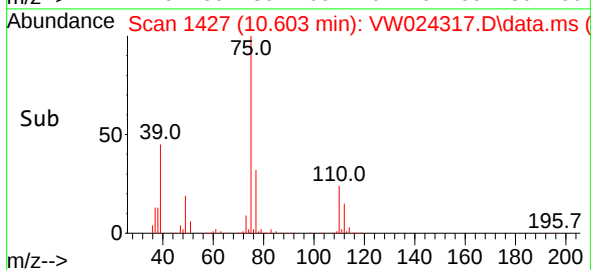
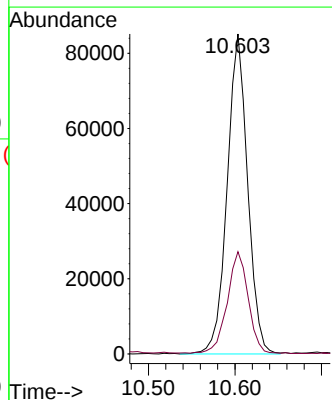
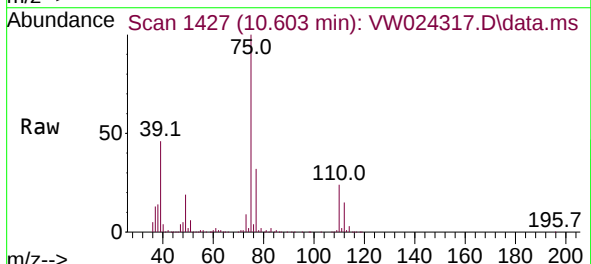
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

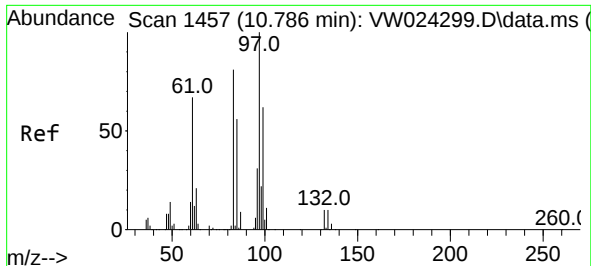
Tgt Ion: 91 Resp: 423922
Ion Ratio Lower Upper
91 100
92 57.4 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 28.705 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion: 75 Resp: 139719
Ion Ratio Lower Upper
75 100
77 31.9 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 27.298 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

Tgt Ion: 97 Resp: 83308

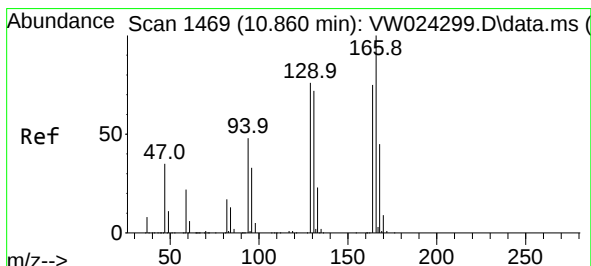
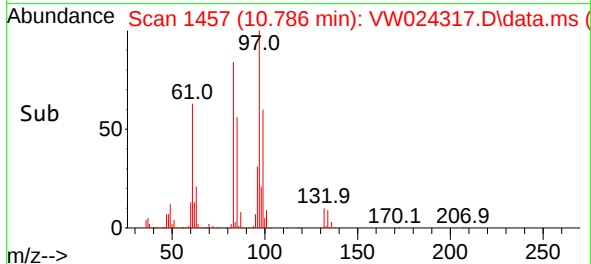
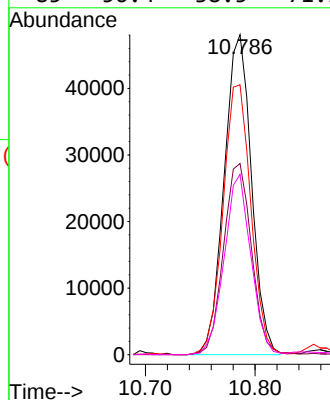
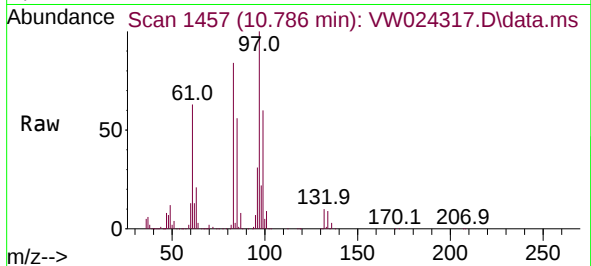
Ion Ratio Lower Upper

97 100

99 59.8 43.8 81.3

83 84.4 56.4 104.7

85 56.4 38.5 71.5



#46

Tetrachloroethene

Concen: 24.007 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Tgt Ion:164 Resp: 75245

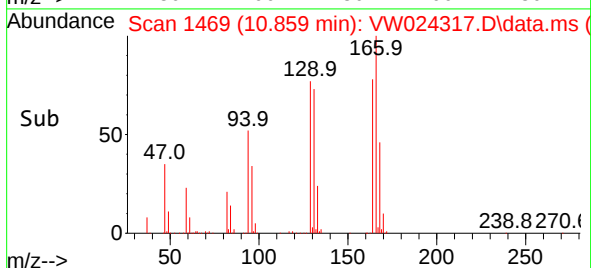
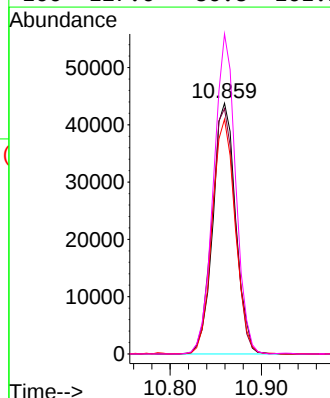
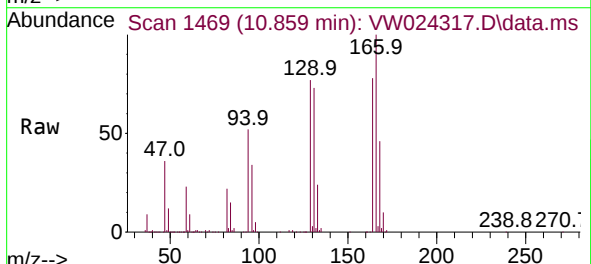
Ion Ratio Lower Upper

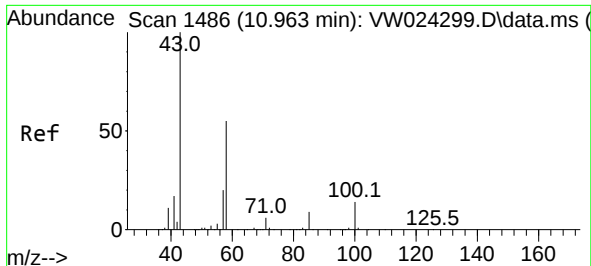
164 100

129 97.8 63.1 117.3

131 93.6 63.9 118.7

166 127.6 86.8 161.2



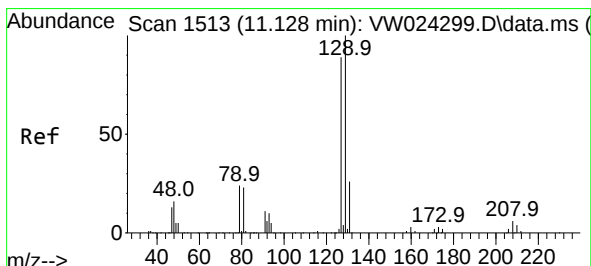
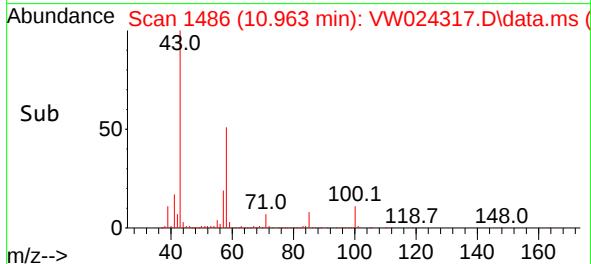
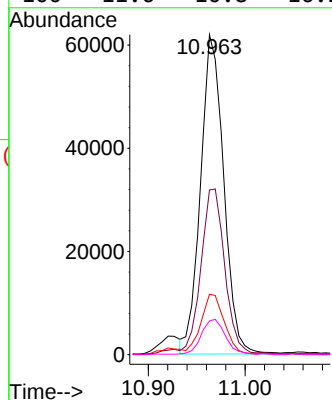
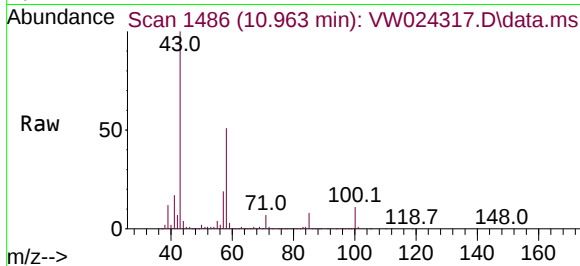


#48
2-Hexanone
Concen: 63.268 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

Tgt Ion: 43 Resp: 103177

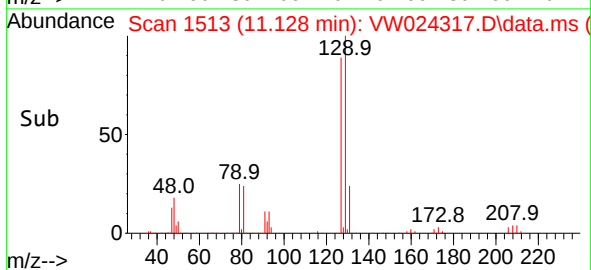
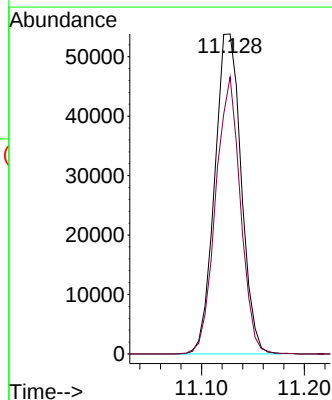
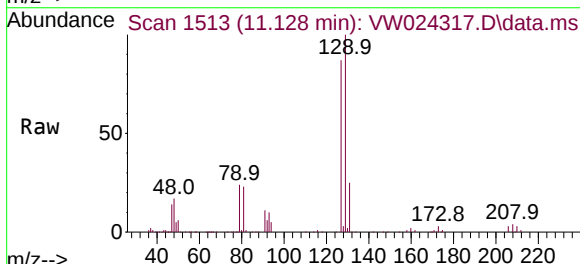
Ion	Ratio	Lower	Upper
43	100		
58	53.2	43.4	65.0
57	18.2	15.0	22.4
100	11.6	10.8	16.2

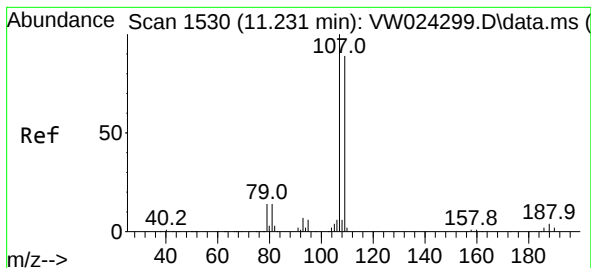


#49
Dibromochloromethane
Concen: 26.257 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion: 129 Resp: 96467

Ion	Ratio	Lower	Upper
129	100		
127	86.6	52.3	97.1





#50

1,2-Dibromoethane

Concen: 26.295 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

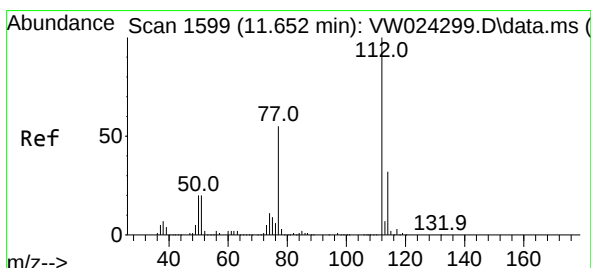
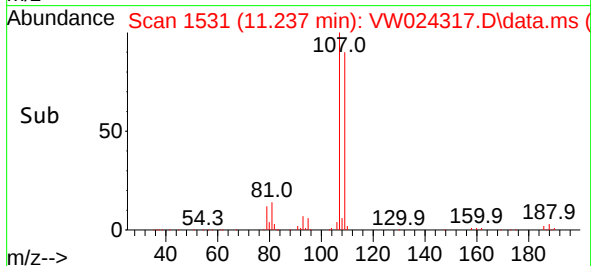
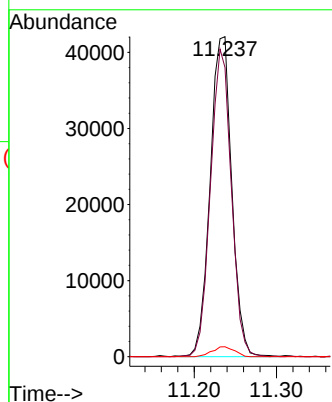
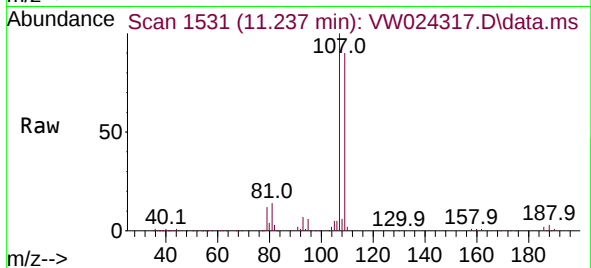
Tgt Ion:107 Resp: 76885

Ion Ratio Lower Upper

107 100

109 90.3 64.0 119.0

188 3.2 3.1 4.7



#51

Chlorobenzene

Concen: 26.340 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

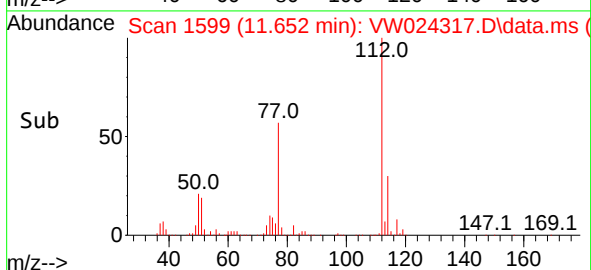
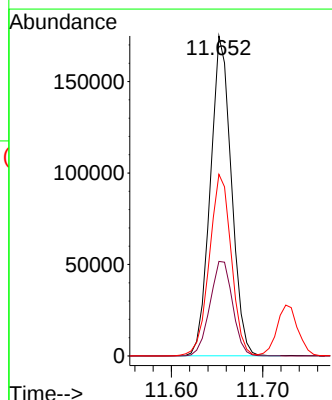
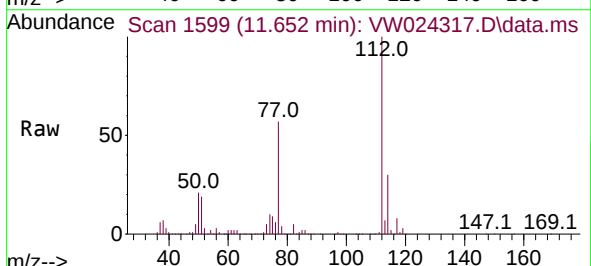
Tgt Ion:112 Resp: 280115

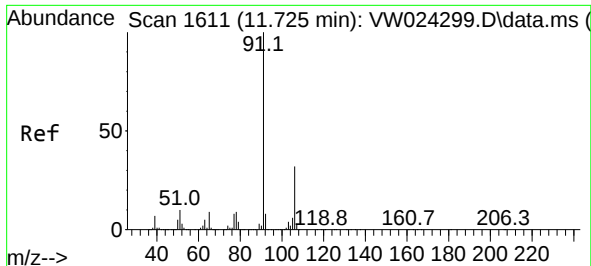
Ion Ratio Lower Upper

112 100

114 29.5 20.7 38.5

77 56.7 41.4 62.2

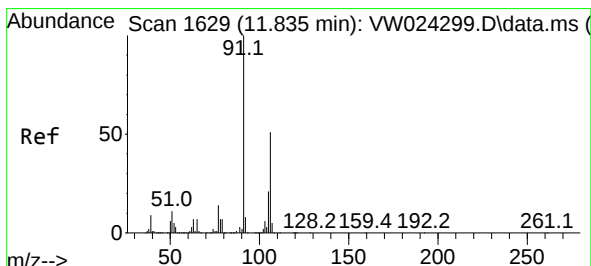
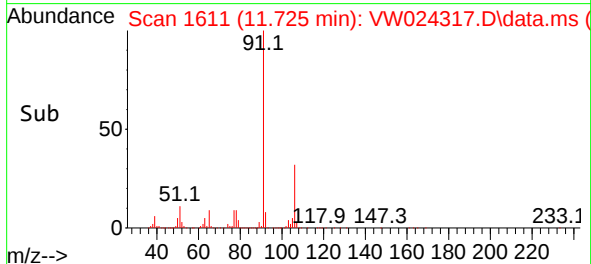
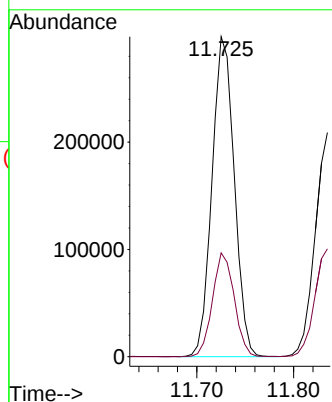
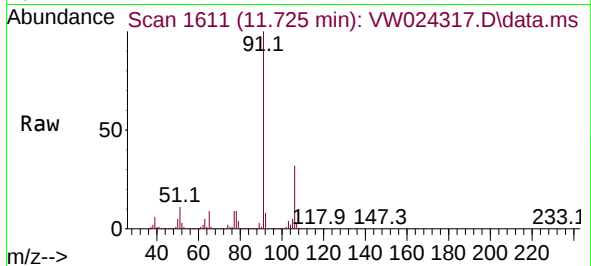




#52
Ethylbenzene
Concen: 28.019 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

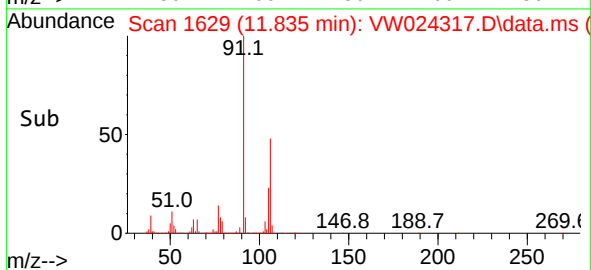
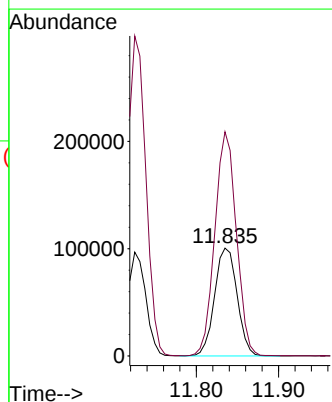
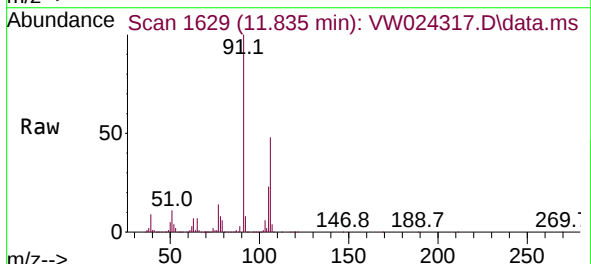
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

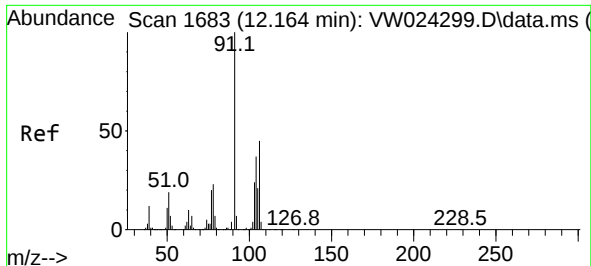
Tgt Ion: 91 Resp: 477807
Ion Ratio Lower Upper
91 100
106 32.5 21.9 40.7



#53
m,p-Xylene
Concen: 28.849 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion: 106 Resp: 191505
Ion Ratio Lower Upper
106 100
91 207.9 144.1 267.7

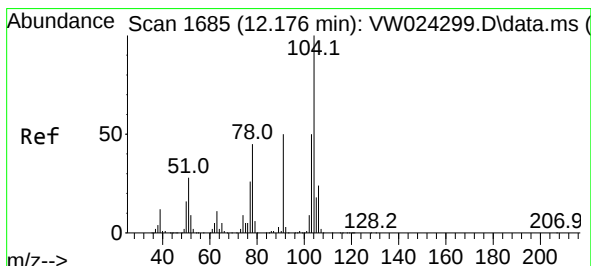
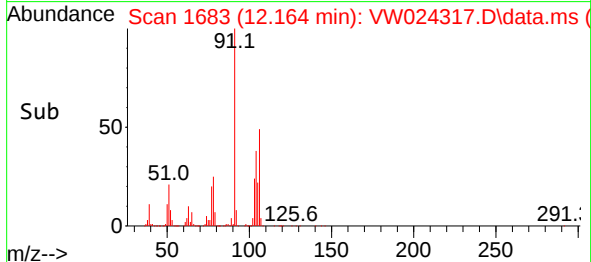
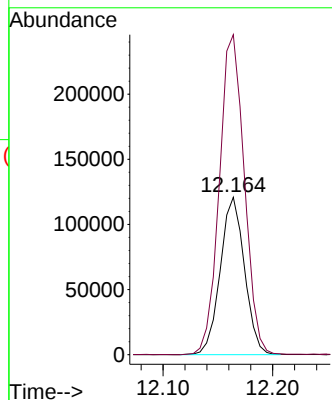
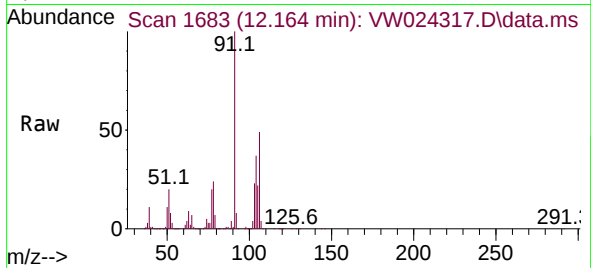




#54
o-Xylene
Concen: 29.650 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

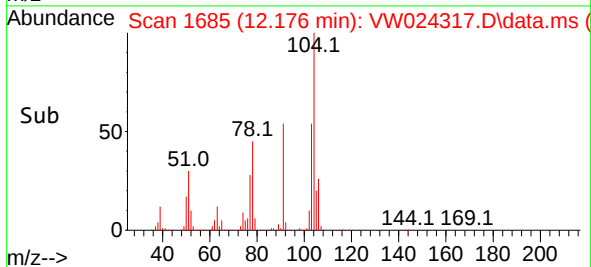
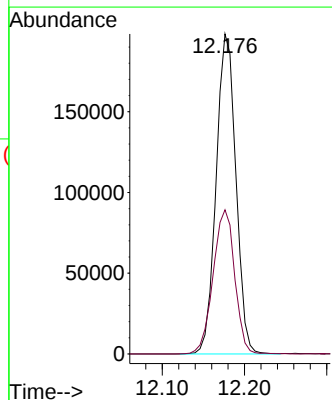
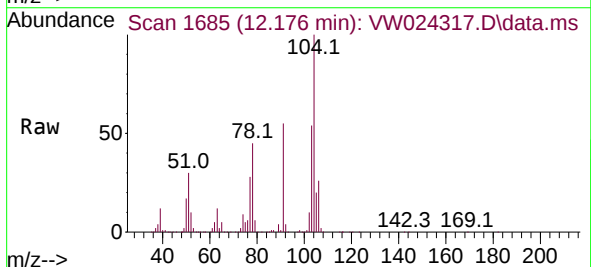
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

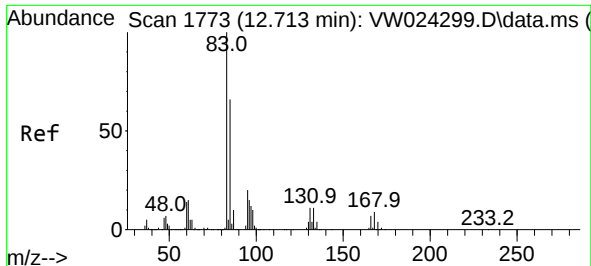
Tgt Ion:106 Resp: 185944
Ion Ratio Lower Upper
106 100
91 203.2 150.9 280.3



#55
Styrene
Concen: 30.289 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion:104 Resp: 330363
Ion Ratio Lower Upper
104 100
78 45.1 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 28.215 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

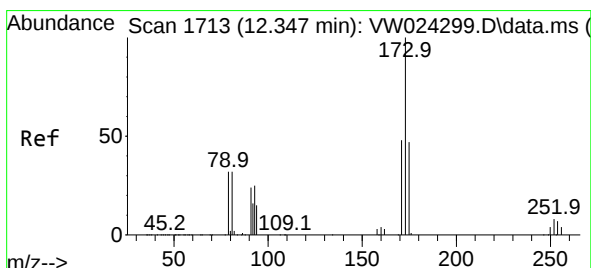
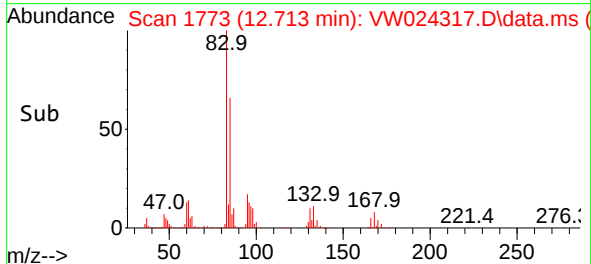
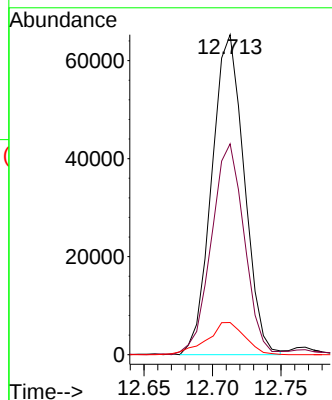
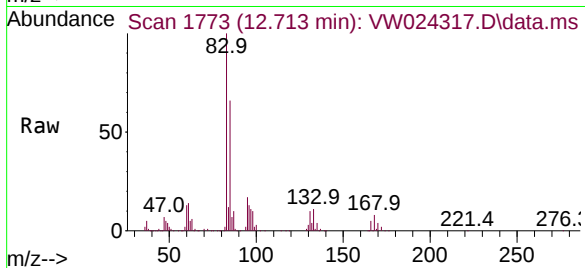
Tgt Ion: 83 Resp: 107611

Ion Ratio Lower Upper

83 100

85 65.9 44.1 81.9

131 10.1 8.3 12.5



#59

Bromoform

Concen: 25.604 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

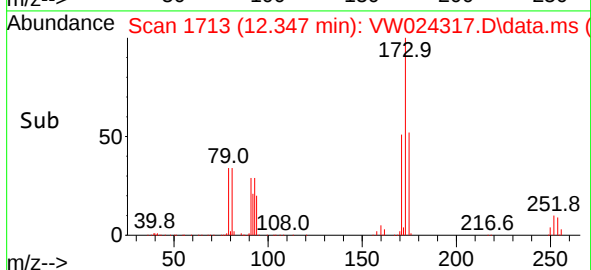
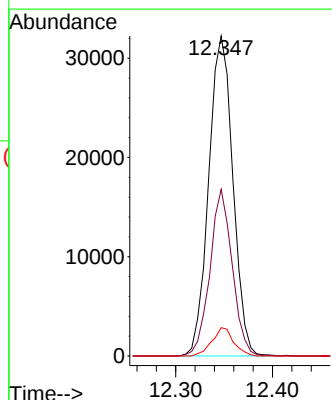
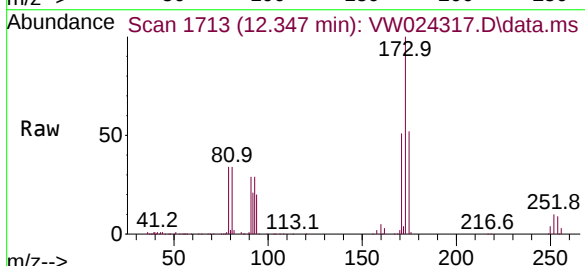
Tgt Ion: 173 Resp: 56050

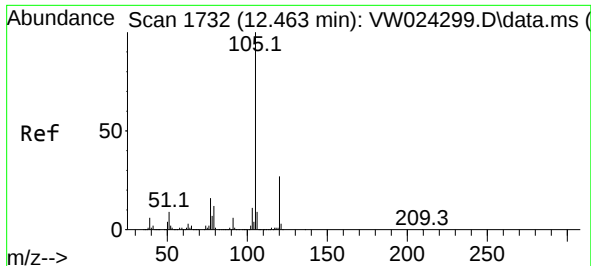
Ion Ratio Lower Upper

173 100

175 47.9 39.0 58.6

254 7.9 6.8 10.2

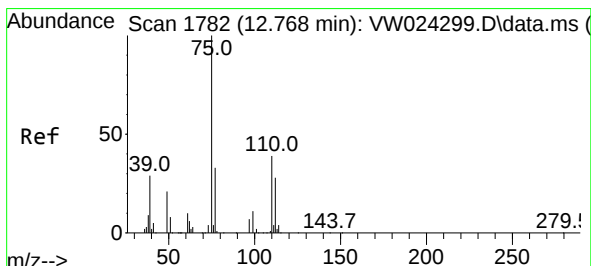
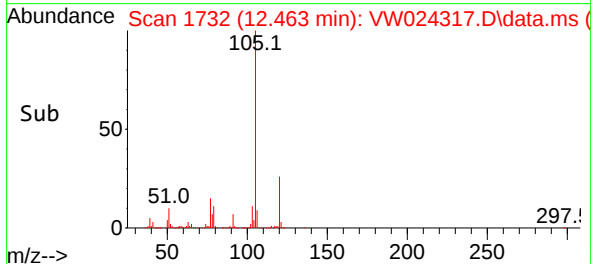
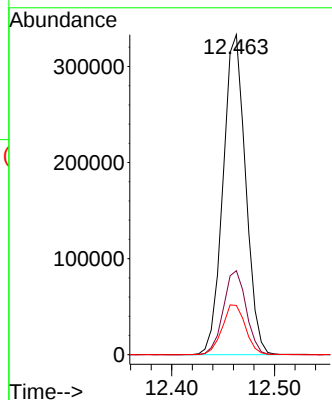
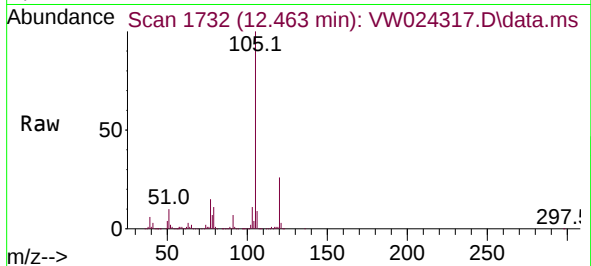




#60
Isopropylbenzene
Concen: 29.193 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

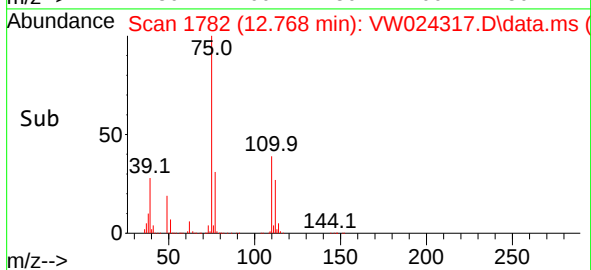
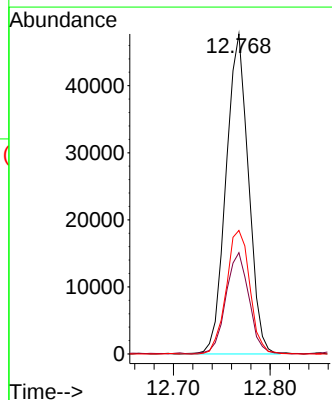
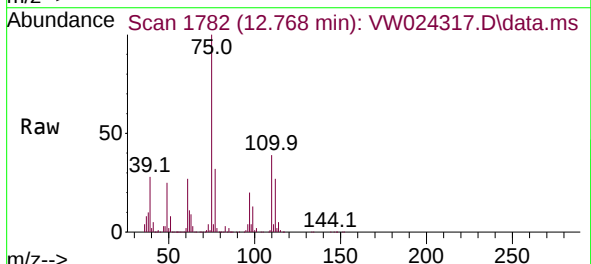
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

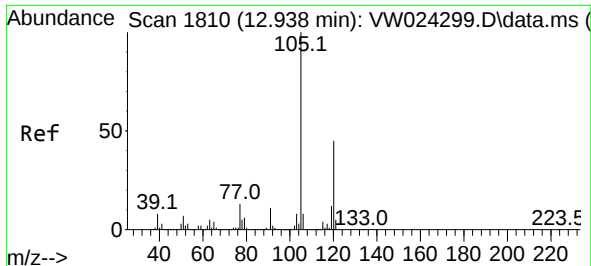
Tgt Ion:105 Resp: 507198
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 16.2 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 26.910 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion: 75 Resp: 76860
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 40.4 33.6 50.4

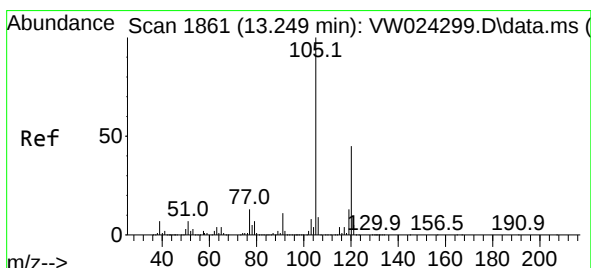
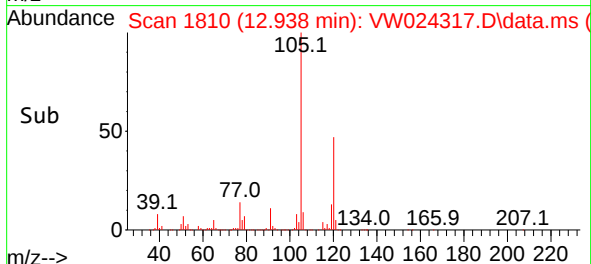
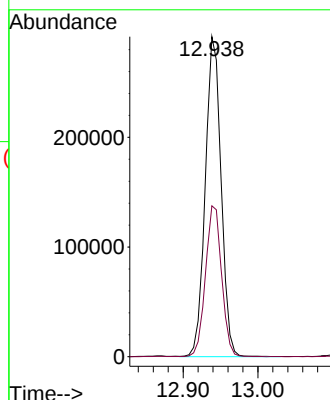
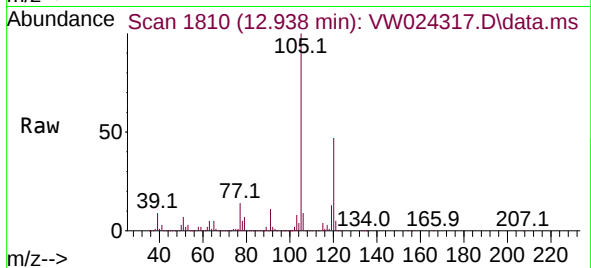




#62
1,3,5-Trimethylbenzene
Concen: 29.879 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

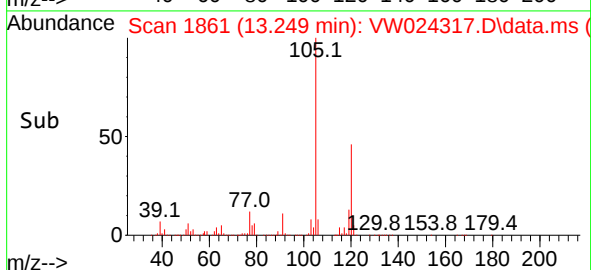
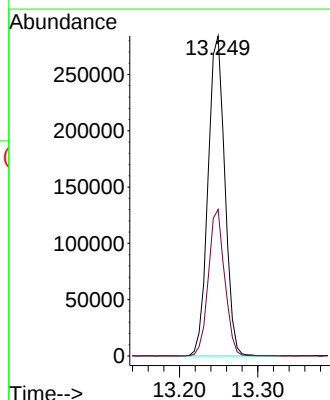
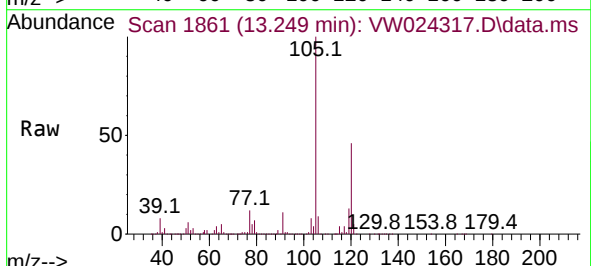
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

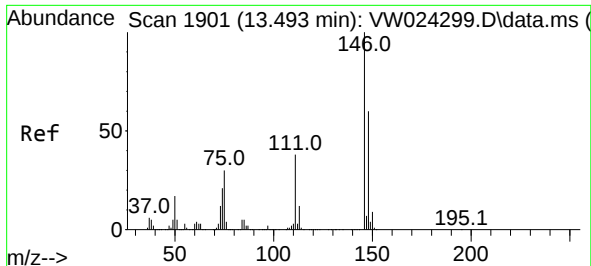
Tgt Ion:105 Resp: 428984
Ion Ratio Lower Upper
105 100
120 48.1 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 29.840 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion:105 Resp: 421932
Ion Ratio Lower Upper
105 100
120 44.4 36.4 54.6

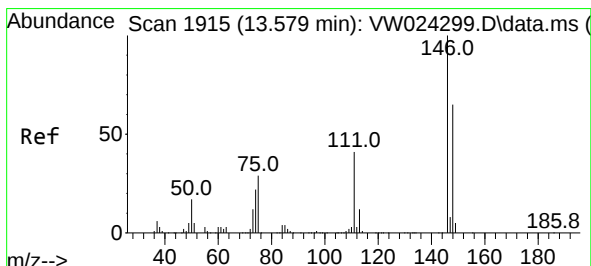
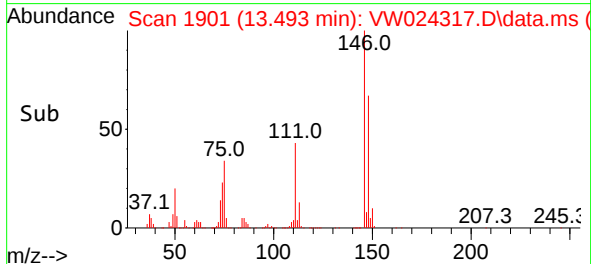
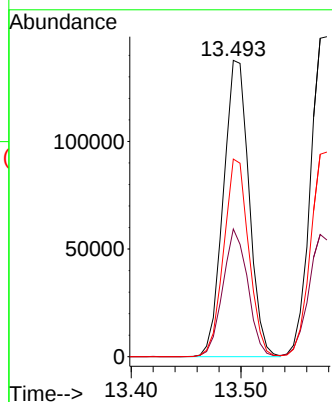
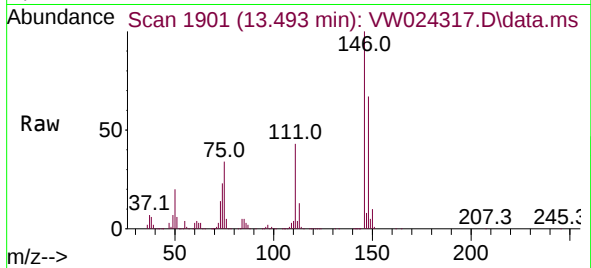




#64
1,3-Dichlorobenzene
Concen: 26.305 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

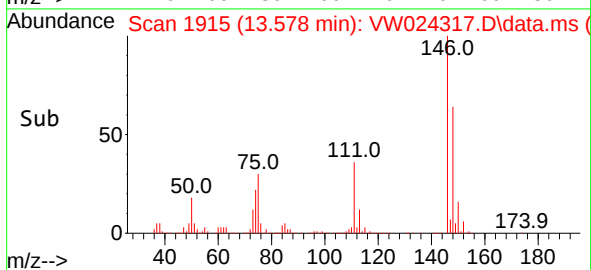
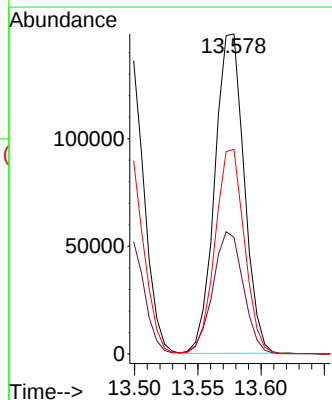
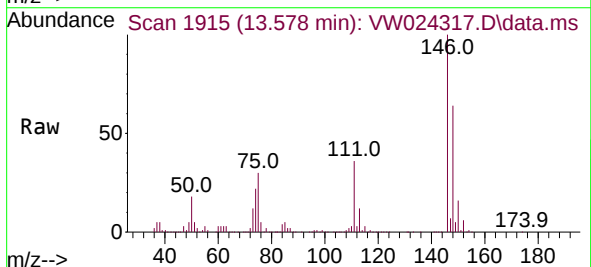
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

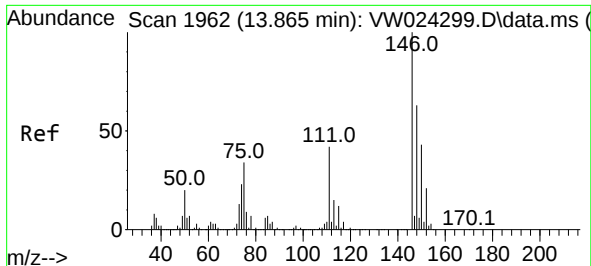
Tgt Ion:146 Resp: 223796
Ion Ratio Lower Upper
146 100
111 43.1 28.0 52.0
148 66.7 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 26.565 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW024317.D
Acq: 24 Aug 2022 12:15

Tgt Ion:146 Resp: 239322
Ion Ratio Lower Upper
146 100
111 36.4 27.6 51.4
148 63.9 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 26.592 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

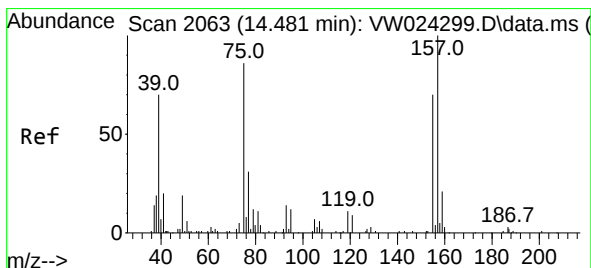
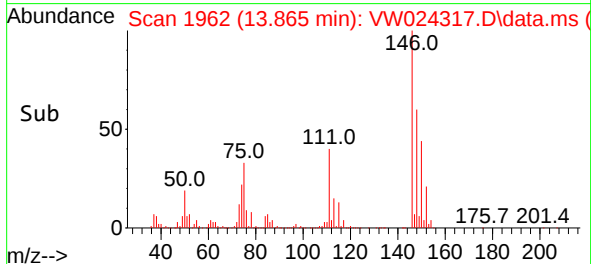
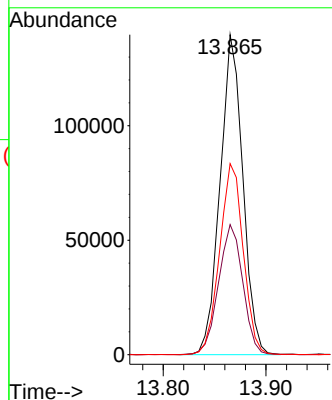
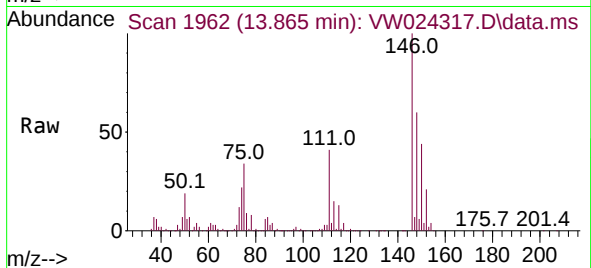
Tgt Ion:146 Resp: 214835

Ion Ratio Lower Upper

146 100

111 40.6 29.0 43.6

148 59.7 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 27.495 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

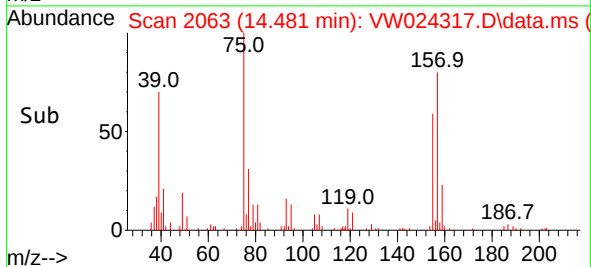
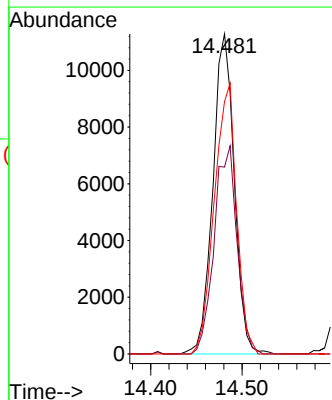
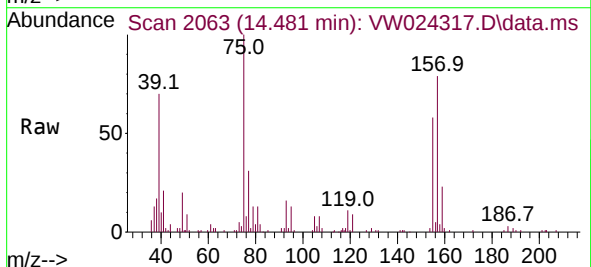
Tgt Ion: 75 Resp: 18348

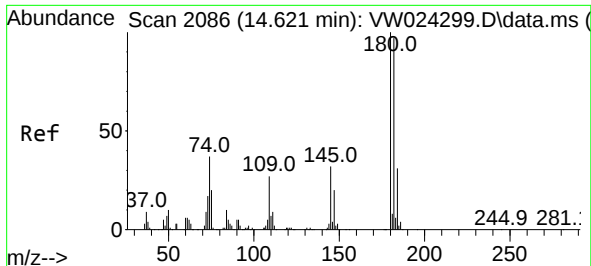
Ion Ratio Lower Upper

75 100

155 58.4 68.8 103.2#

157 78.8 91.5 137.3#





#69

1,3,5-Trichlorobenzene

Concen: 27.026 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

Tgt Ion:180 Resp: 150771

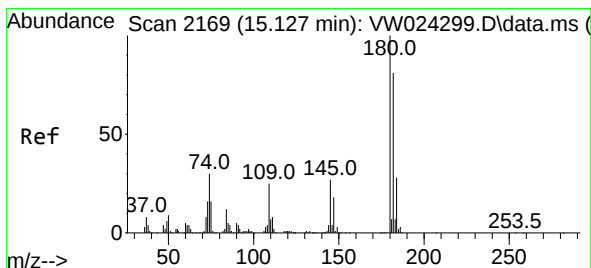
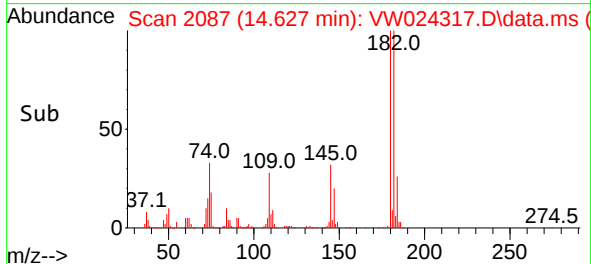
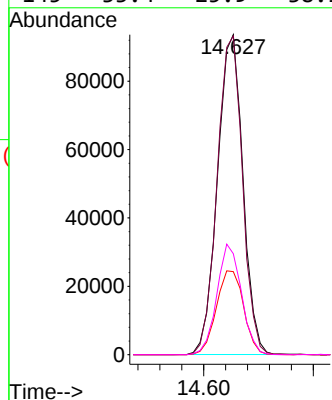
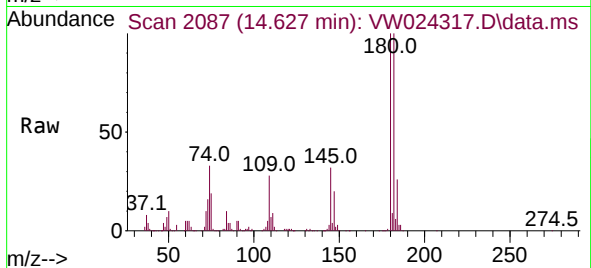
Ion Ratio Lower Upper

180 100

182 98.7 78.4 117.6

184 28.1 24.7 37.1

145 33.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 27.929 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

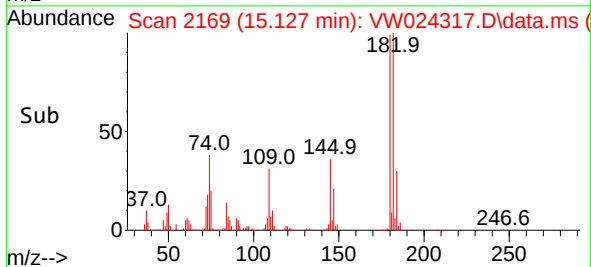
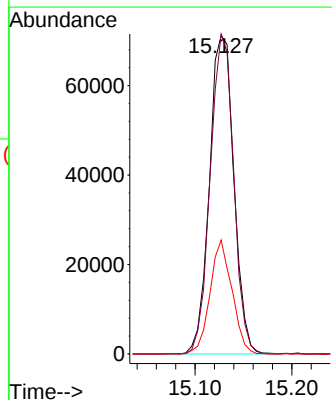
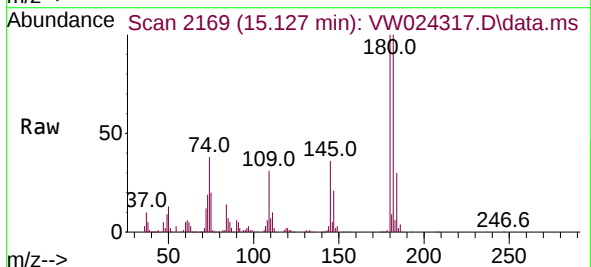
Tgt Ion:180 Resp: 124776

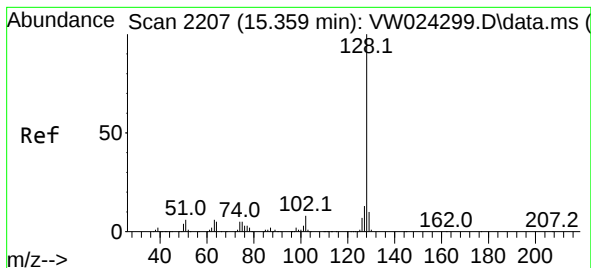
Ion Ratio Lower Upper

180 100

182 96.2 75.0 112.4

145 32.2 25.1 37.7





#71

Naphthalene

Concen: 30.095 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

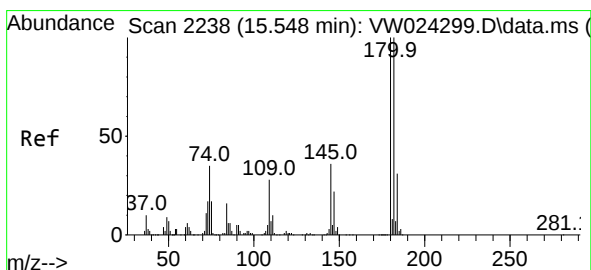
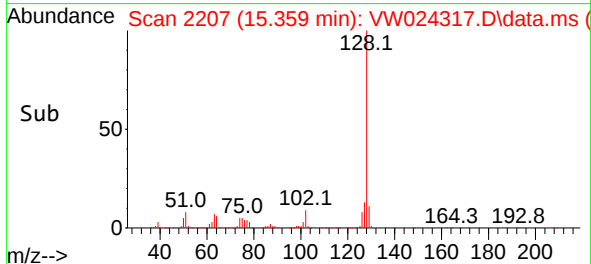
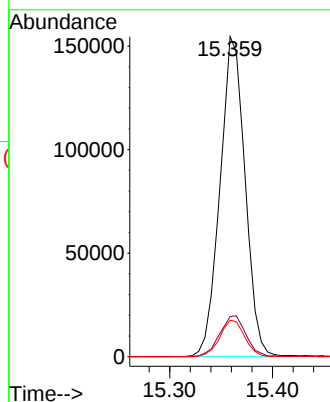
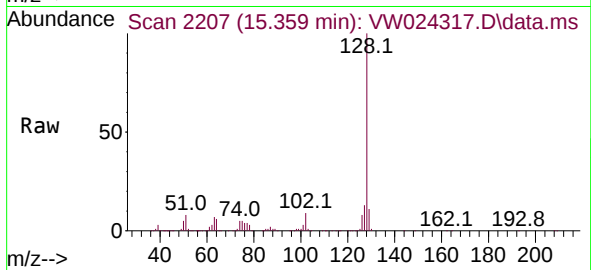
Tgt Ion:128 Resp: 261884

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.4 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 29.499 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024317.D

Acq: 24 Aug 2022 12:15

Tgt Ion:180 Resp: 119985

Ion Ratio Lower Upper

180 100

182 91.9 75.4 113.2

145 32.7 26.9 40.3

