

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082322\
 Data File : VW024315.D
 Acq On : 23 Aug 2022 20:18
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Aug 24 01:10:35 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	180036	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	204110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	117923	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	95632	25.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.640%	
7) Chloroethane-d5	2.873	69	73940	31.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.160%	
11) 1,1-Dichloroethene-d2	4.007	63	81642	19.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 76.160%	
21) 2-Butanone-d5	7.074	46	46745	66.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 133.540%	
24) Chloroform-d	7.647	84	136526	25.062	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.240%	
26) 1,2-Dichloroethane-d4	8.305	65	85051	28.122	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.480%	
32) Benzene-d6	8.275	84	251556	20.897	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 83.600%	
36) 1,2-Dichloropropane-d6	9.275	67	79218	22.289	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 89.160%	
41) Toluene-d8	10.323	98	241905	21.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 86.000%	
43) trans-1,3-Dichloroprop...	10.579	79	37120	23.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 95.360%	
47) 2-Hexanone-d5	10.927	63	42346	64.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 129.020%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	108716	31.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 126.120%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	100403	23.267	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	44889	28.340	ug/L	97
3) Chloromethane	2.209	50	71534	24.081	ug/L	96
5) Vinyl chloride	2.349	62	133388	32.257	ug/L	100
6) Bromomethane	2.764	94	77414	32.650	ug/L	99
8) Chloroethane	2.910	64	64973	35.870	ug/L	98
9) Trichlorofluoromethane	3.245	101	43957	22.424	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	57086	21.593	ug/L	94
12) 1,1-Dichloroethene	4.026	96	43865	20.267	ug/L	81
13) Acetone	4.129	43	26942	52.268	ug/L	68
14) Carbon disulfide	4.379	76	122457	17.681	ug/L	96
15) Methyl Acetate	4.666	43	34350	29.586	ug/L	94
16) Methylene chloride	4.910	84	71353	22.474	ug/L	88
17) trans-1,2-Dichloroethene	5.422	96	55830	22.336	ug/L	90
18) Methyl tert-butyl Ether	5.428	73	115768	32.481	ug/L	97
19) 1,1-Dichloroethane	6.214	63	119187	27.070	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	69755	25.411	ug/L #	93
22) 2-Butanone	7.171	43	55950	64.415	ug/L	95
23) Bromochloromethane	7.507	128	33824	24.742	ug/L	87
25) Chloroform	7.671	83	138600	28.567	ug/L	96

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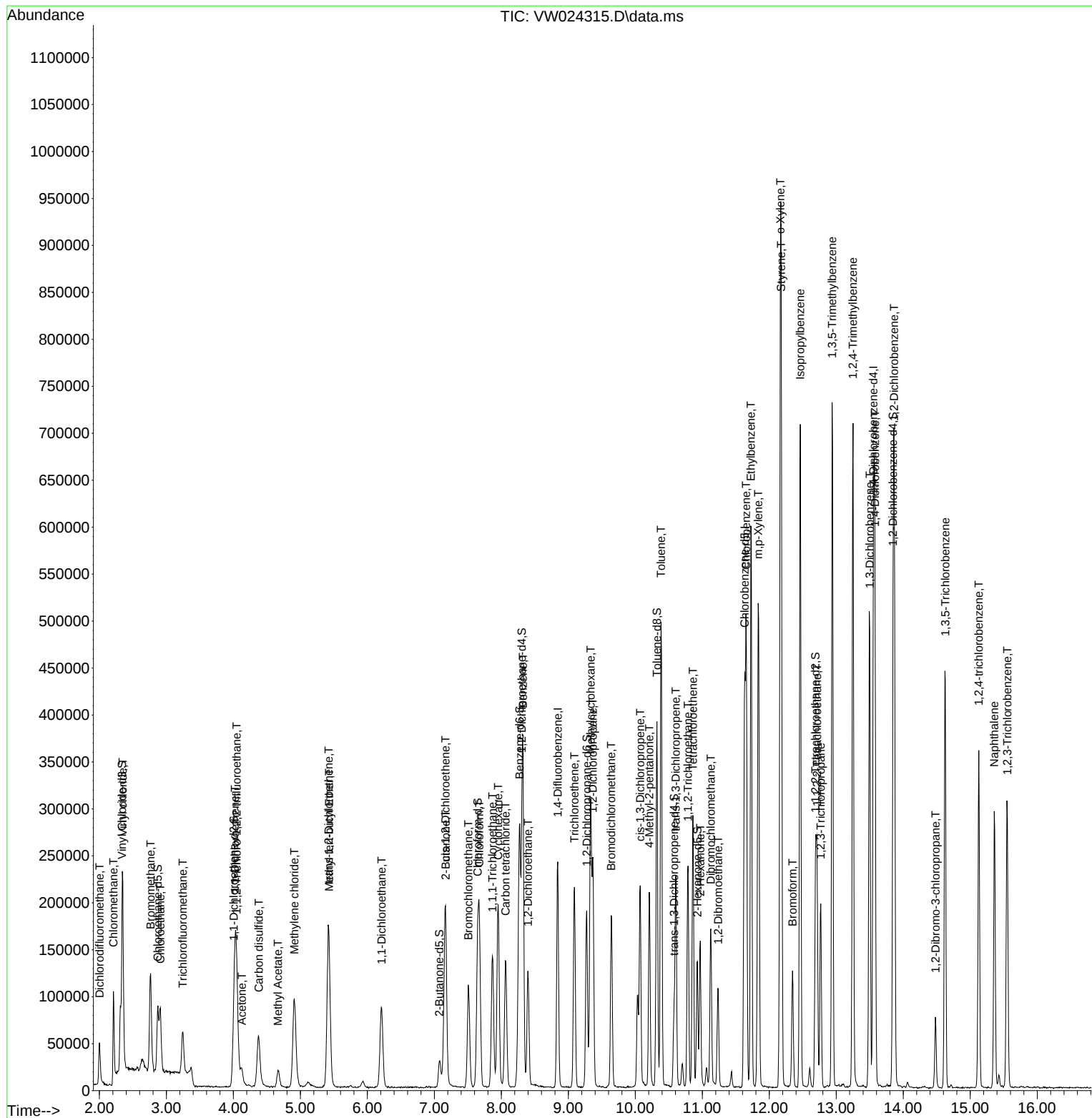
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	107019	32.781	ug/L	98
29) Cyclohexane	7.952	56	92869	22.193	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	107327	23.317	ug/L	96
31) Carbon tetrachloride	8.061	117	91827	21.146	ug/L	99
33) Benzene	8.324	78	303615	25.185	ug/L	100
34) Trichloroethene	9.092	95	72007	22.599	ug/L	92
35) Methylcyclohexane	9.336	83	112167	22.448	ug/L	97
37) 1,2-Dichloropropane	9.366	63	81564	27.371	ug/L	100
38) Bromodichloromethane	9.640	83	114556	27.408	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	115732	26.398	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	130751	66.111	ug/L	97
42) Toluene	10.384	91	348785	27.227	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	116251	29.020	ug/L	96
45) 1,1,2-Trichloroethane	10.787	97	70669	28.136	ug/L	98
46) Tetrachloroethene	10.860	164	52995	20.544	ug/L	88
48) 2-Hexanone	10.969	43	95031	70.803	ug/L	98
49) Dibromochloromethane	11.128	129	82095	27.150	ug/L	100
50) 1,2-Dibromoethane	11.238	107	66032	27.440	ug/L	95
51) Chlorobenzene	11.652	112	236320	27.000	ug/L	93
52) Ethylbenzene	11.725	91	409350	29.166	ug/L	97
53) m,p-Xylene	11.835	106	160326	29.346	ug/L	99
54) o-Xylene	12.164	106	154105	29.857	ug/L	92
55) Styrene	12.177	104	287707	32.050	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	105258	33.532	ug/L	98
59) Bromoform	12.347	173	49507	27.524	ug/L	99
60) Isopropylbenzene	12.463	105	424538	29.739	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	76279	32.503	ug/L	96
62) 1,3,5-Trimethylbenzene	12.939	105	362735	30.748	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	362307	31.185	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	192212	27.497	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	198749	26.850	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	184396	27.778	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	16933	30.883	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	116277	25.367	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	92464	25.189	ug/L	98
71) Naphthalene	15.359	128	224125	31.346	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	87217	26.097	ug/L	94

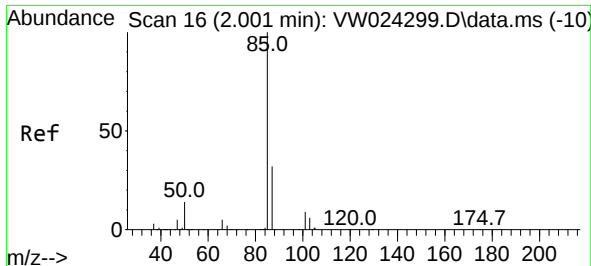
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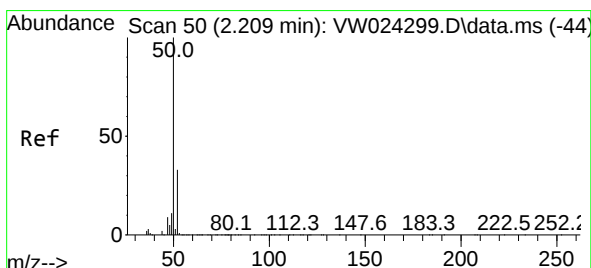
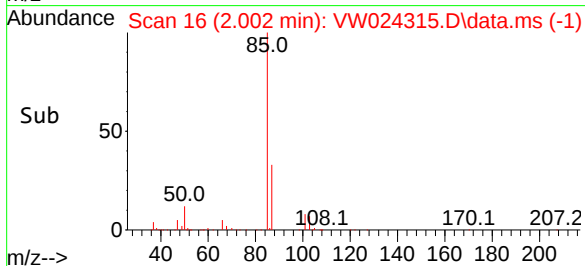
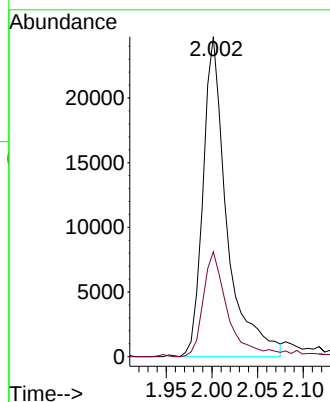
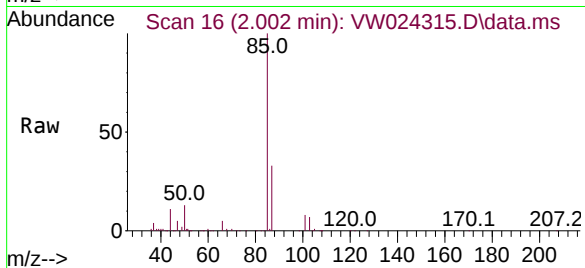




#2
Dichlorodifluoromethane
Concen: 28.340 ug/L
RT: 2.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

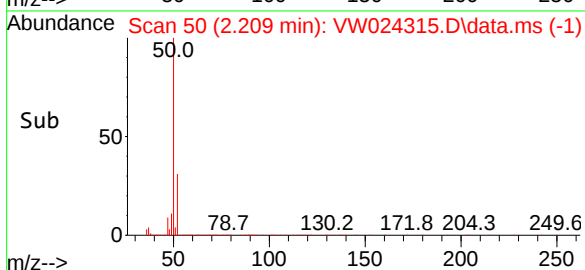
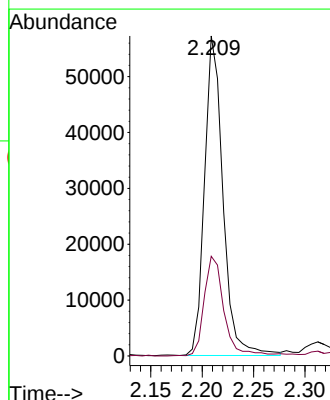
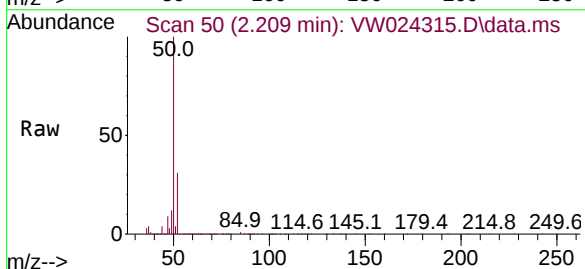
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MSVOA_W
ClientSampleId :
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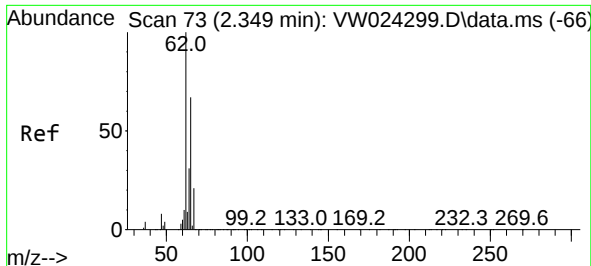
Tgt Ion: 85 Resp: 44889
Ion Ratio Lower Upper
85 100
87 32.4 24.5 36.7



#3
Chloromethane
Concen: 24.081 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 50 Resp: 71534
Ion Ratio Lower Upper
50 100
52 31.2 23.2 43.2

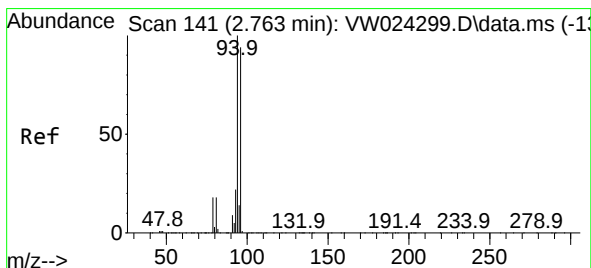
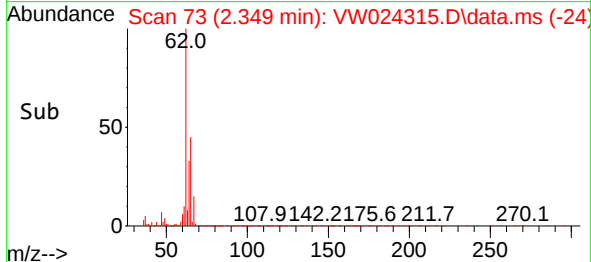
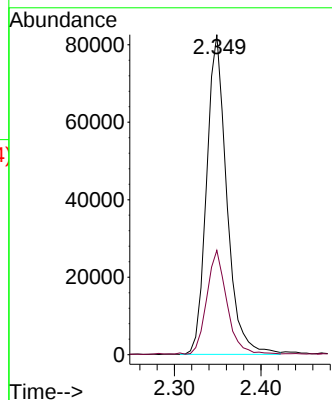
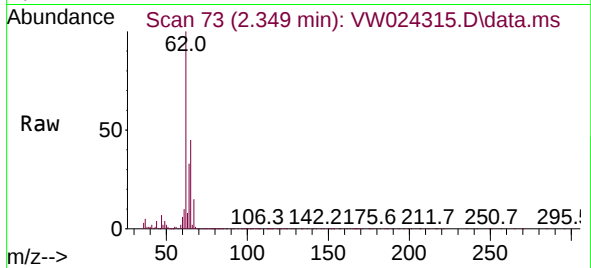




#5
 Vinyl chloride
 Concen: 32.257 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024315.D
 Acq: 23 Aug 2022 20:18

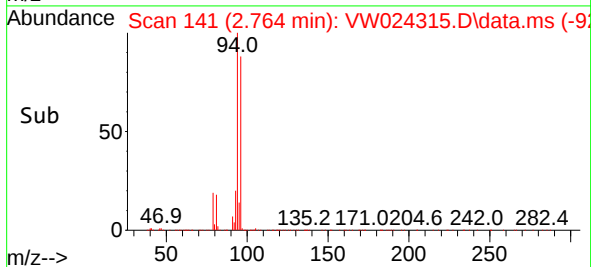
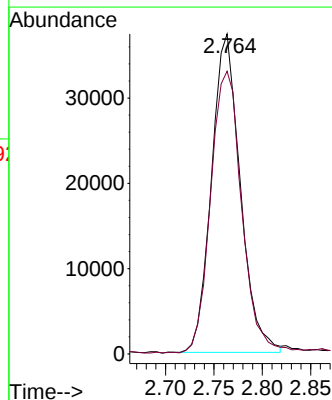
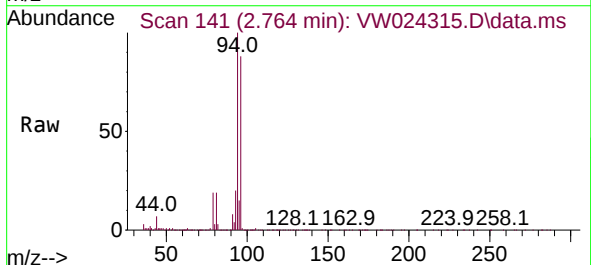
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 ClientSampleId :
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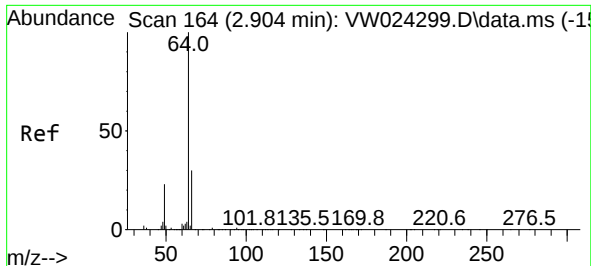
Tgt Ion: 62 Resp: 133388
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.7 42.3



#6
 Bromomethane
 Concen: 32.650 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024315.D
 Acq: 23 Aug 2022 20:18

Tgt Ion: 94 Resp: 77414
 Ion Ratio Lower Upper
 94 100
 96 88.3 61.0 113.4

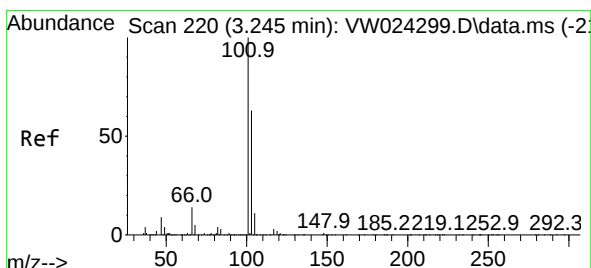
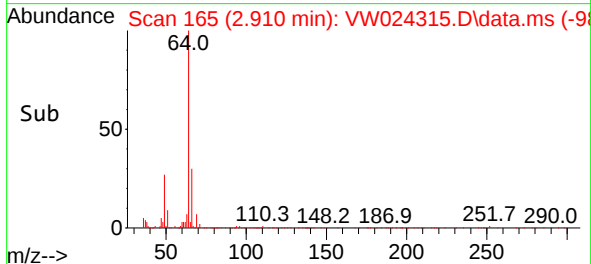
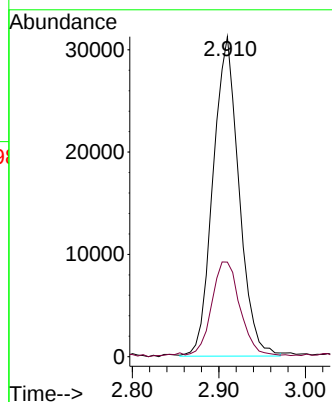
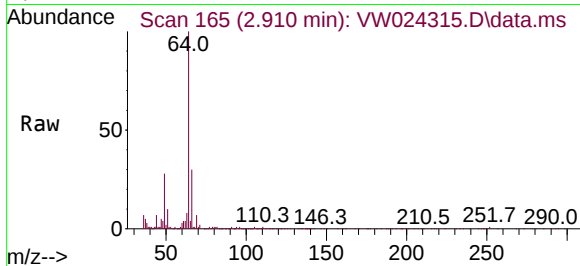




#8
Chloroethane
Concen: 35.870 ug/L
RT: 2.910 min Scan# 165
Delta R.T. 0.006 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

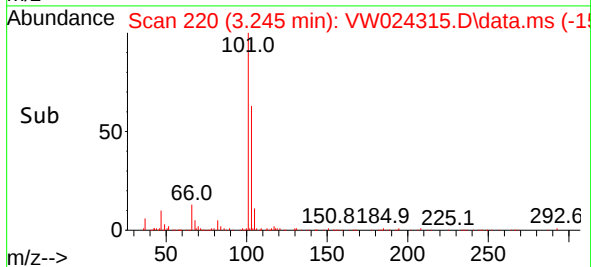
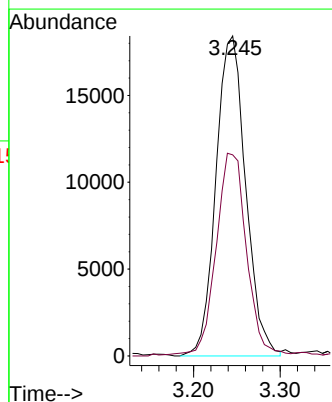
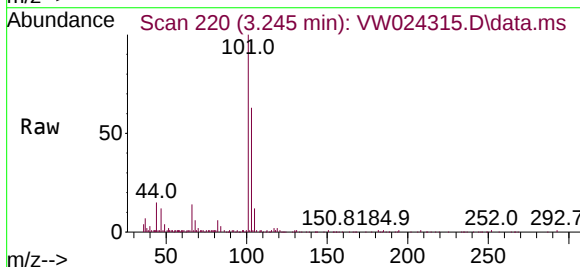
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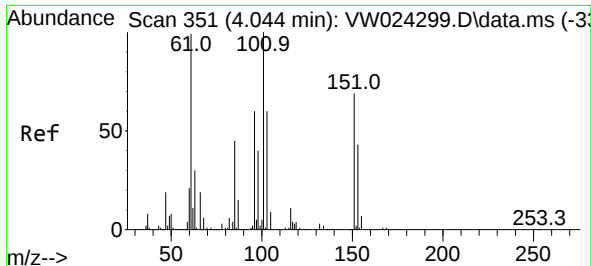
Tgt Ion: 64 Resp: 64973
Ion Ratio Lower Upper
64 100
66 29.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 22.424 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 101 Resp: 43957
Ion Ratio Lower Upper
101 100
103 64.9 50.5 75.7

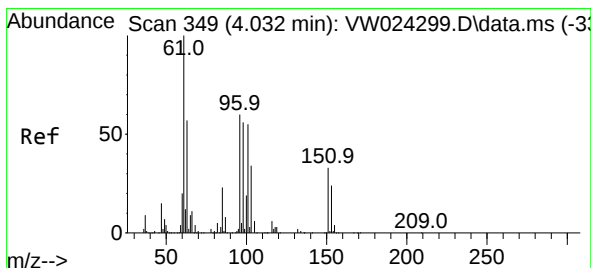
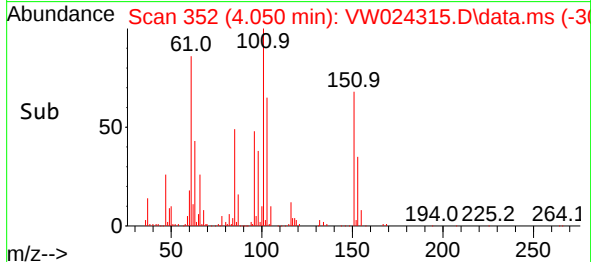
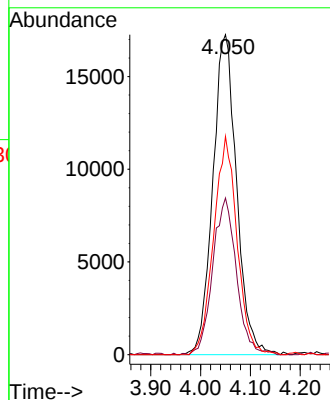
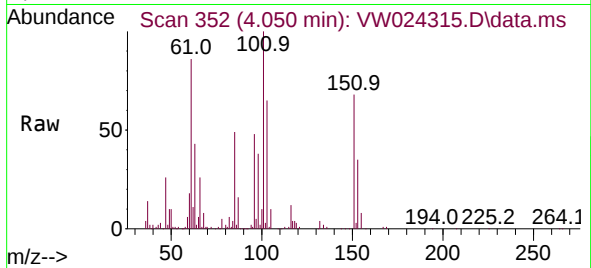




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.593 ug/L
 RT: 4.050 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW024315.D
 Acq: 23 Aug 2022 20:18

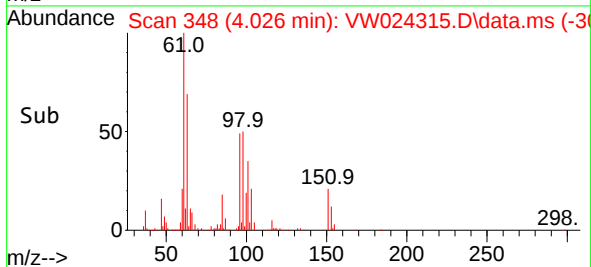
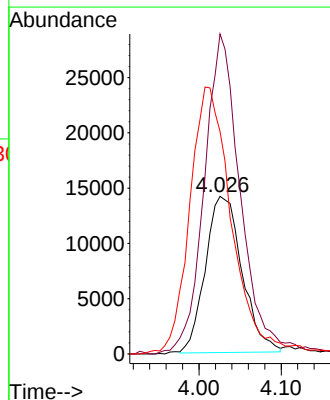
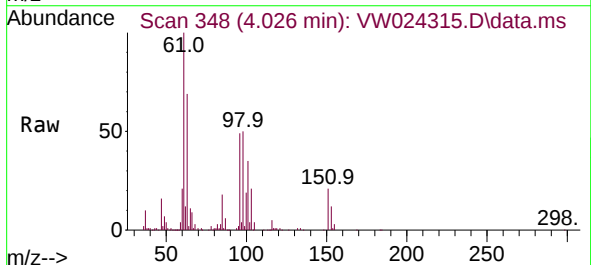
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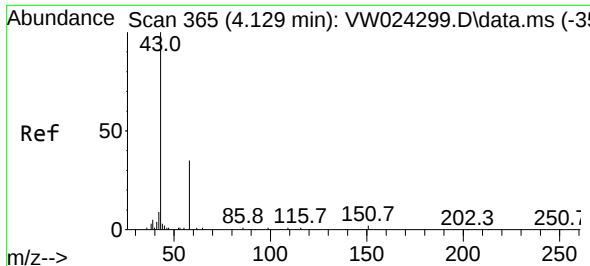
Tgt Ion:101 Resp: 57086
 Ion Ratio Lower Upper
 101 100
 85 48.7 34.9 52.3
 151 66.9 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 20.267 ug/L
 RT: 4.026 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024315.D
 Acq: 23 Aug 2022 20:18

Tgt Ion: 96 Resp: 43865
 Ion Ratio Lower Upper
 96 100
 61 203.1 123.1 228.5
 63 141.1 84.9 157.7

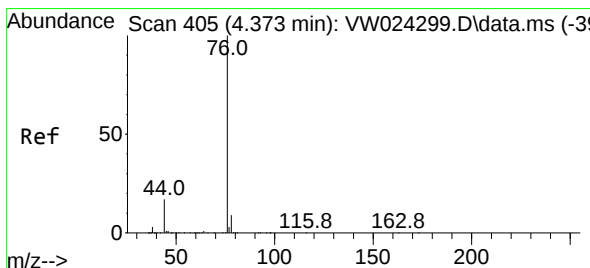
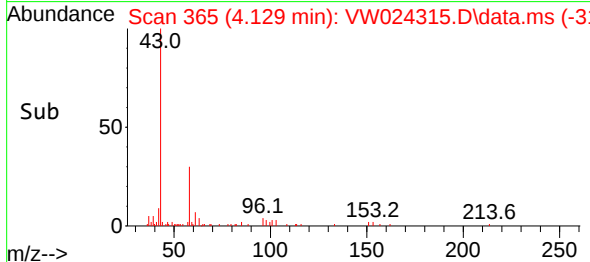
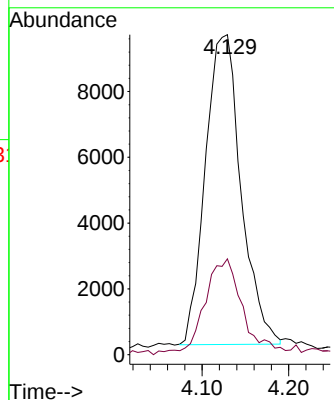
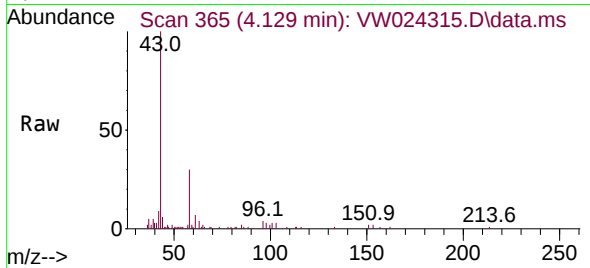




#13
Acetone
Concen: 52.268 ug/L
RT: 4.129 min Scan# 306
Delta R.T. 0.000 min
Lab File: VW024315.D
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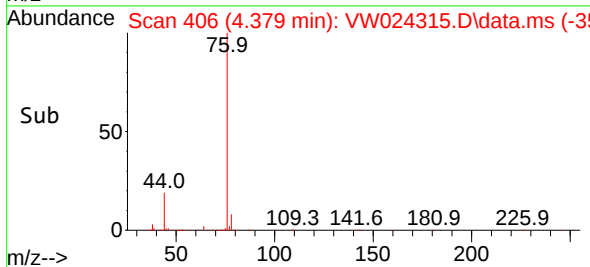
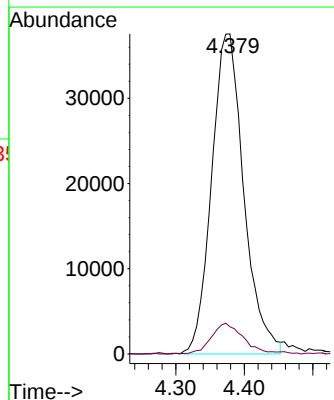
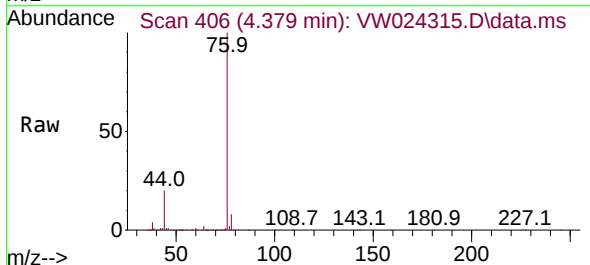
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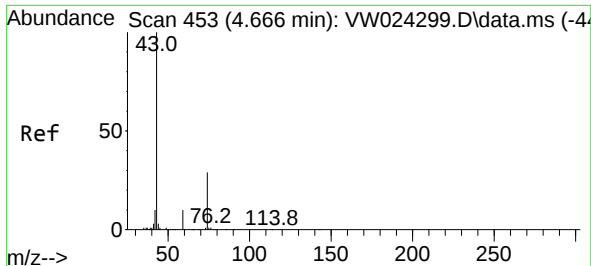
Tgt Ion: 43 Resp: 26942
Ion Ratio Lower Upper
43 100
58 29.4 0.0 31.8



#14
Carbon disulfide
Concen: 17.681 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.006 min
Lab File: VW024315.D
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Tgt Ion: 76 Resp: 122457
Ion Ratio Lower Upper
76 100
78 8.5 7.9 11.9

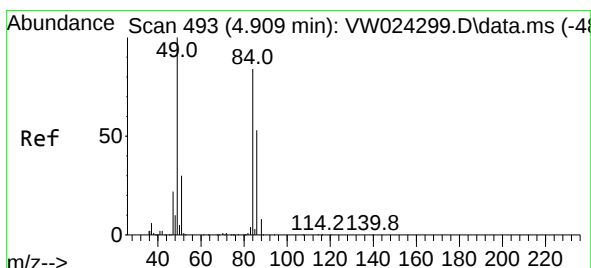
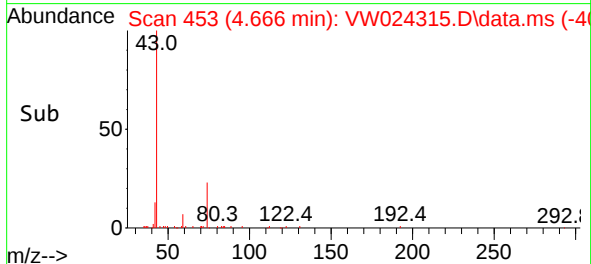
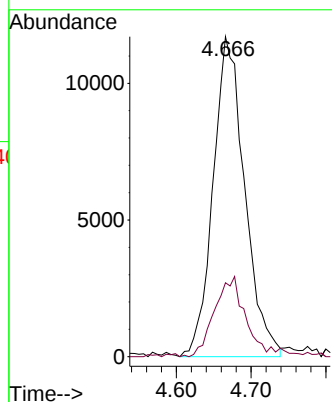
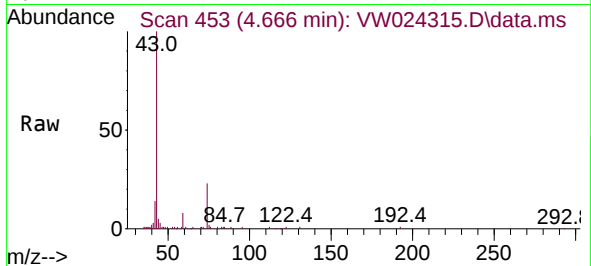




#15
Methyl Acetate
Concen: 29.586 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

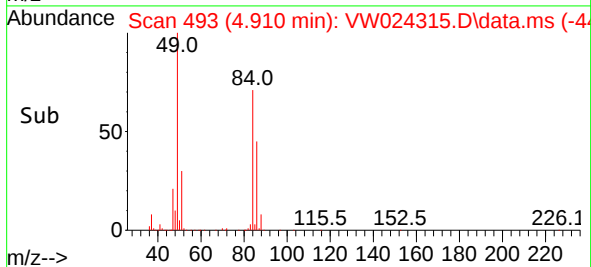
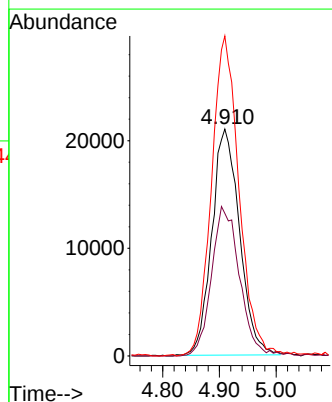
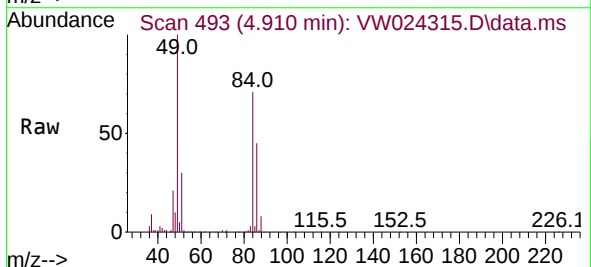
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

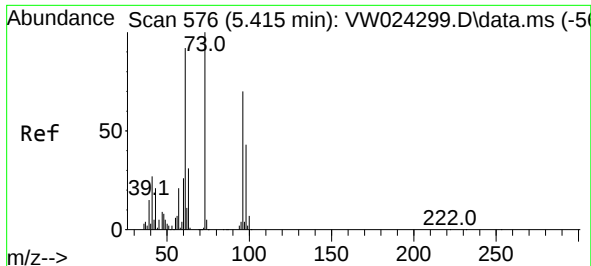
Tgt Ion: 43 Resp: 34350
Ion Ratio Lower Upper
43 100
74 23.8 21.5 32.3



#16
Methylene chloride
Concen: 22.474 ug/L
RT: 4.910 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 84 Resp: 71353
Ion Ratio Lower Upper
84 100
86 62.8 42.8 79.6
49 141.0 85.3 158.3

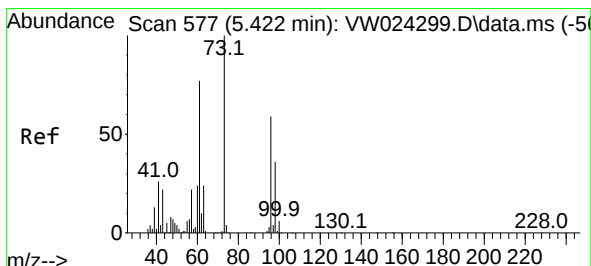
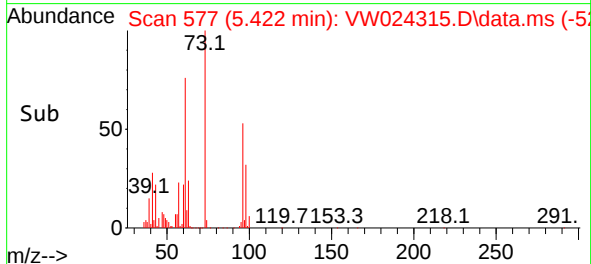
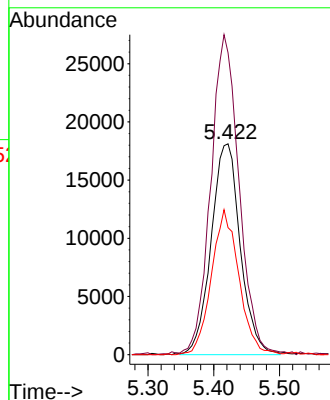
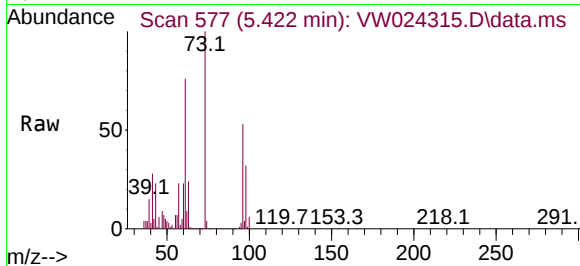




#17
trans-1,2-Dichloroethene
Concen: 22.336 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

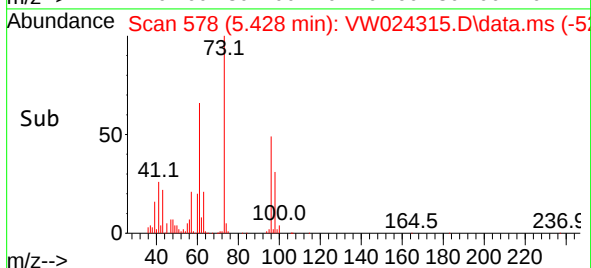
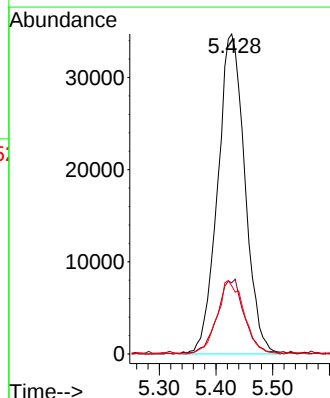
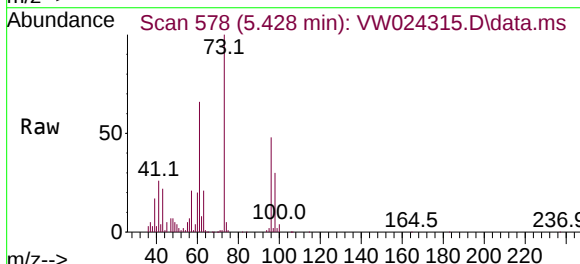
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

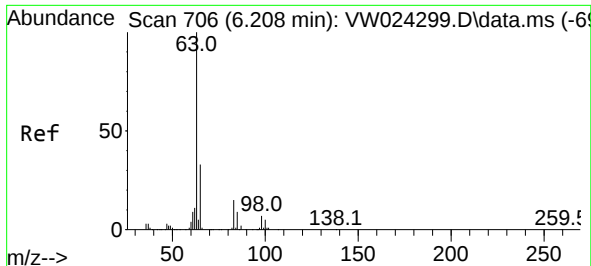
Tgt Ion: 96 Resp: 55830
Ion Ratio Lower Upper
96 100
61 143.2 93.0 172.8
98 60.2 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 32.481 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 73 Resp: 115768
Ion Ratio Lower Upper
73 100
43 22.9 16.6 24.8
57 22.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 27.070 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

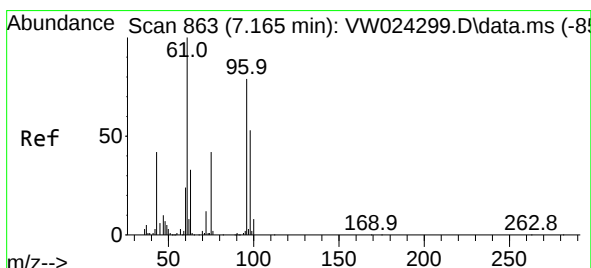
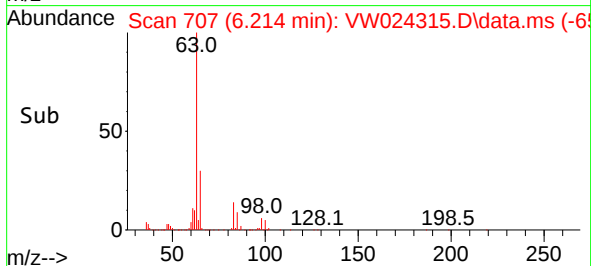
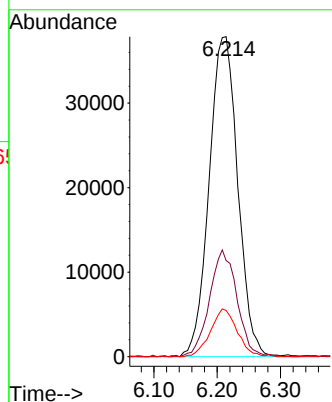
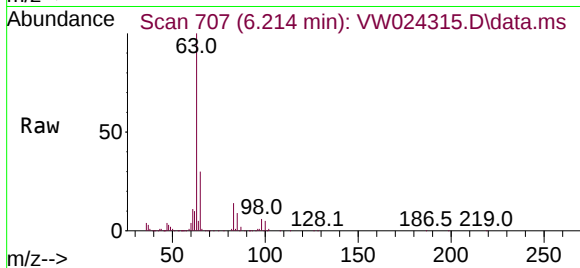
Tgt Ion: 63 Resp: 119187

Ion Ratio Lower Upper

63 100

65 30.0 22.0 41.0

83 14.5 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 25.411 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

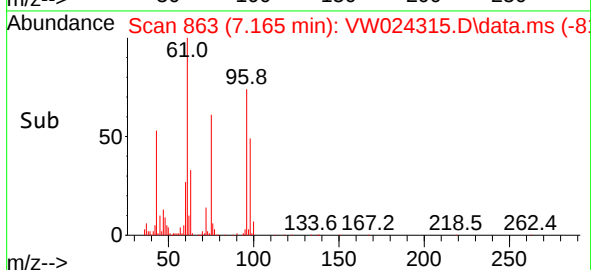
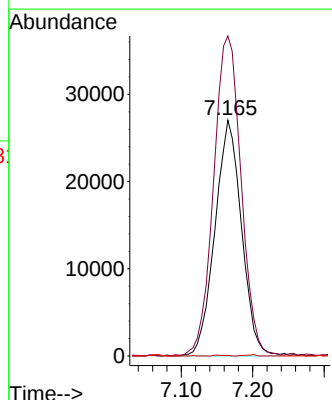
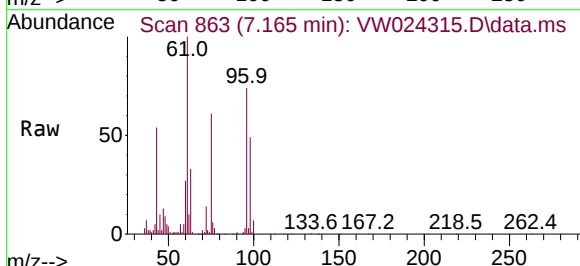
Tgt Ion: 96 Resp: 69755

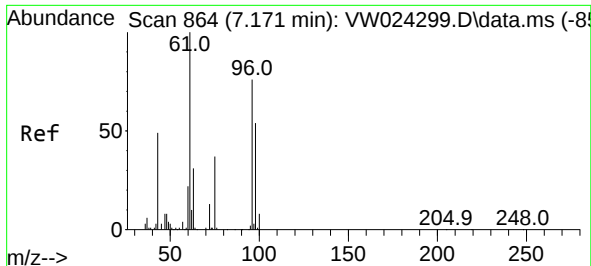
Ion Ratio Lower Upper

96 100

61 135.6 89.5 166.3

68 0.3 0.1 0.1#

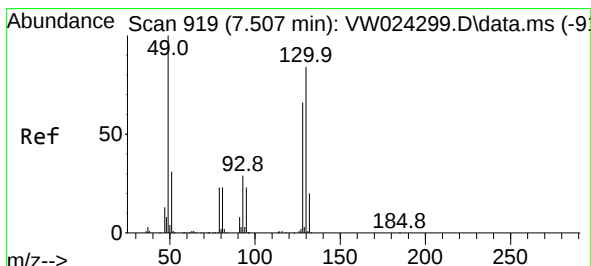
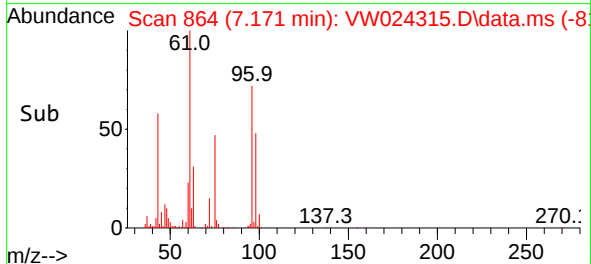
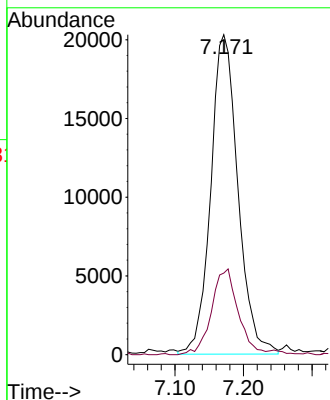
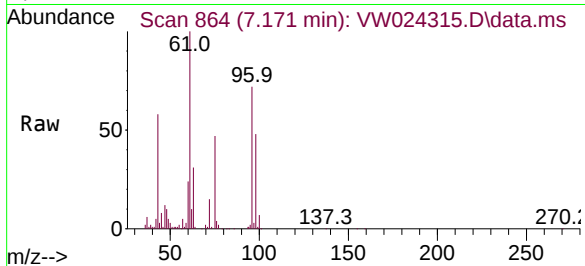




#22
2-Butanone
Concen: 64.415 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

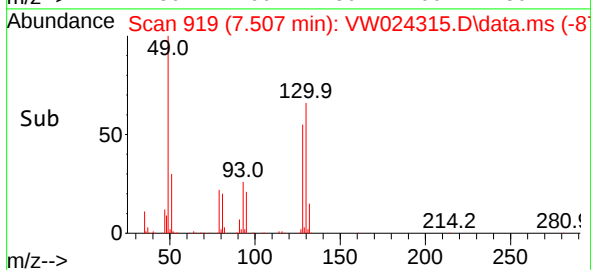
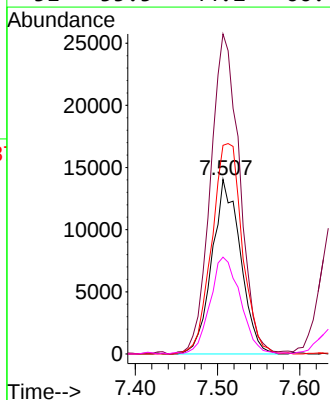
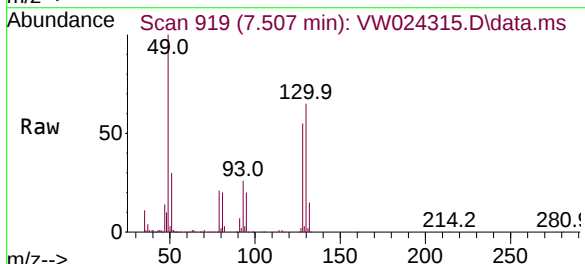
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

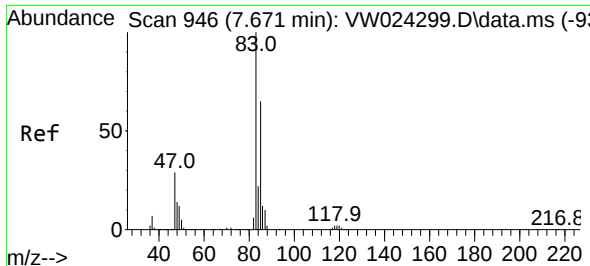
Tgt Ion: 43 Resp: 55950
Ion Ratio Lower Upper
43 100
72 26.1 14.3 42.9



#23
Bromochloromethane
Concen: 24.742 ug/L
RT: 7.507 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 128 Resp: 33824
Ion Ratio Lower Upper
128 100
49 183.4 106.6 198.0
130 119.6 88.1 163.5
51 55.5 44.2 66.4





#25

Chloroform

Concen: 28.567 ug/L

RT: 7.671 min Scan# 946

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

Instrument :

MSVOA_W

ClientSampleId :

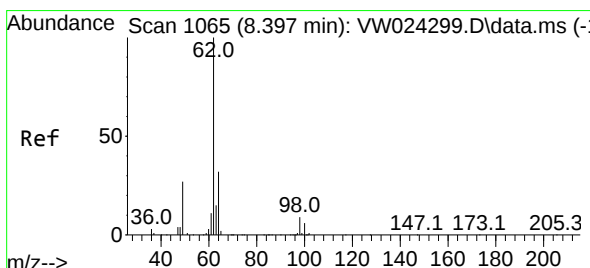
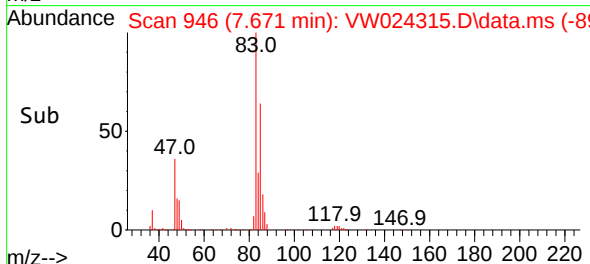
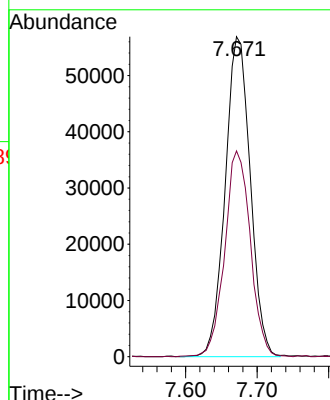
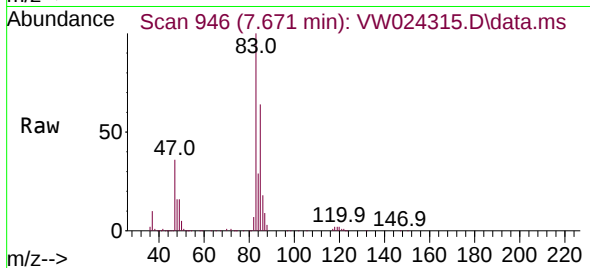
VSTD025545

Tgt Ion: 83 Resp: 138600

Ion Ratio Lower Upper

83 100

85 64.3 42.9 79.7



#27

1,2-Dichloroethane

Concen: 32.781 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024315.D

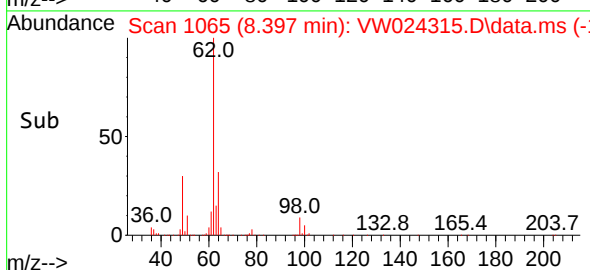
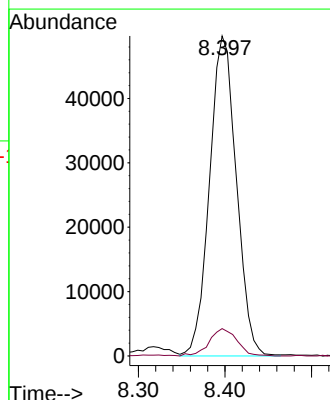
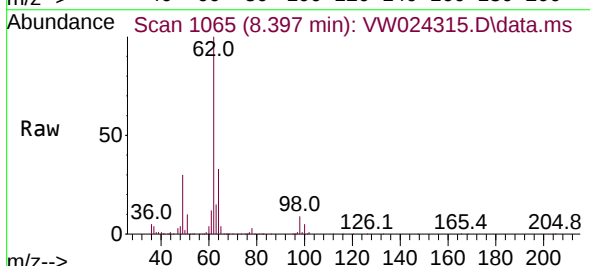
Acq: 23 Aug 2022 20:18

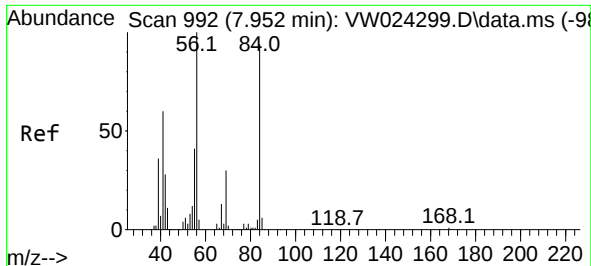
Tgt Ion: 62 Resp: 107019

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.0





#29

Cyclohexane

Concen: 22.193 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

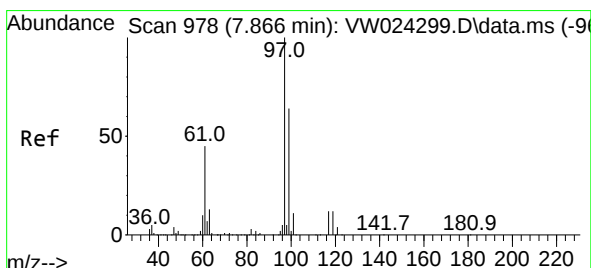
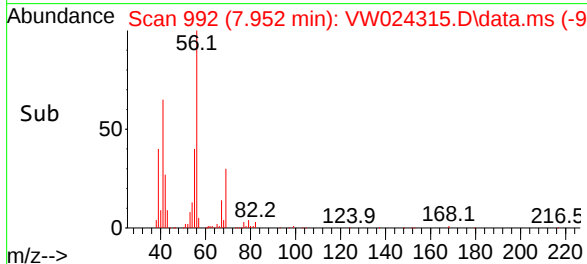
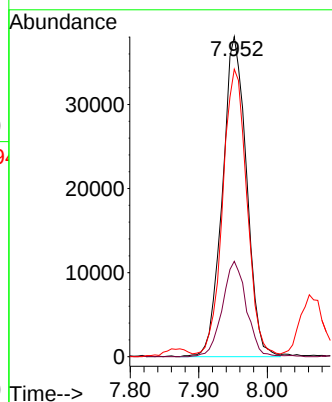
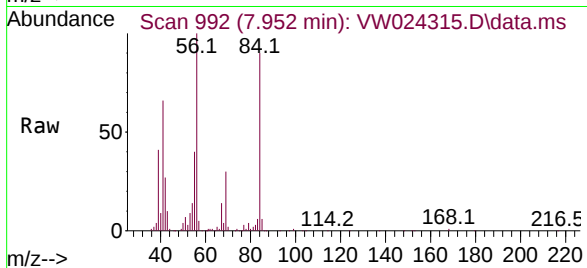
Tgt Ion: 56 Resp: 92869

Ion Ratio Lower Upper

56 100

69 29.7 24.5 36.7

84 90.4 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 23.317 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

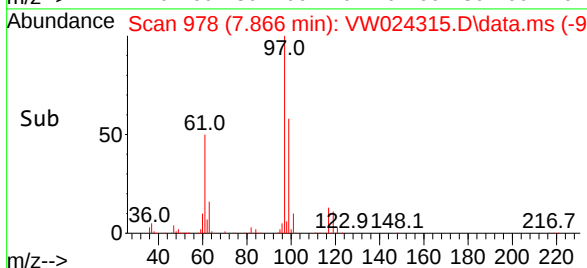
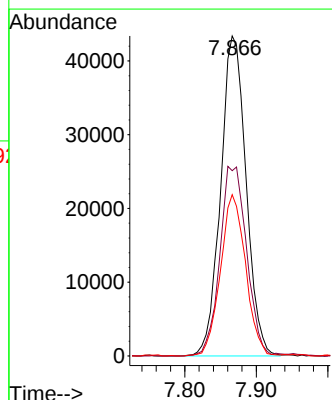
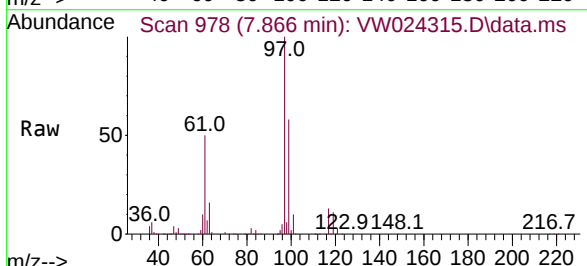
Tgt Ion: 97 Resp: 107327

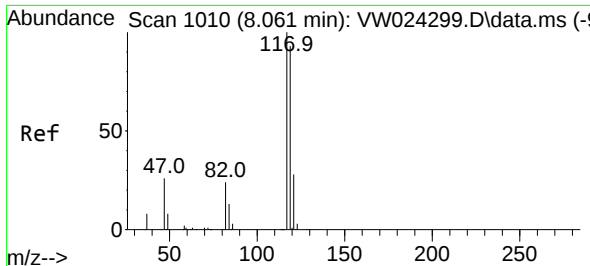
Ion Ratio Lower Upper

97 100

99 62.1 51.0 76.6

61 49.8 36.2 54.2

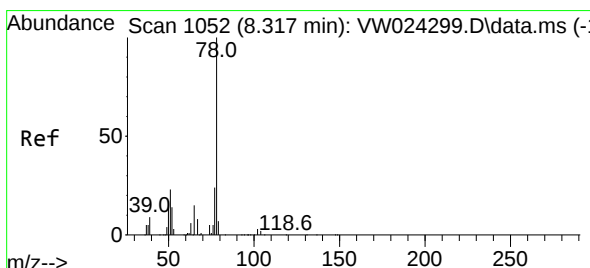
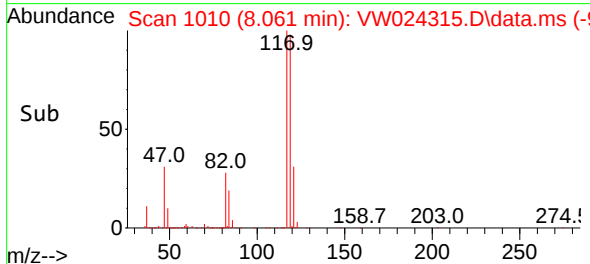
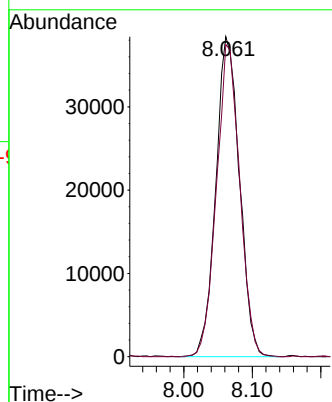
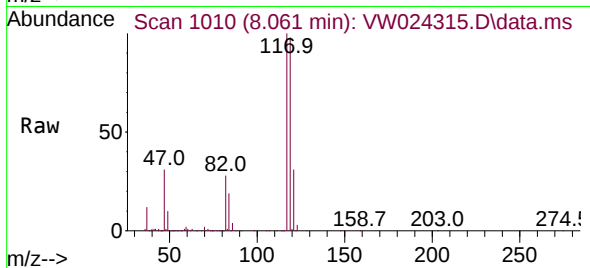




#31
Carbon tetrachloride
Concen: 21.146 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

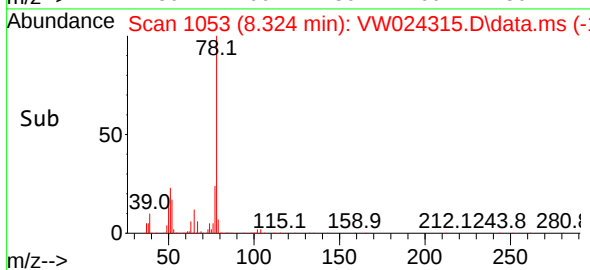
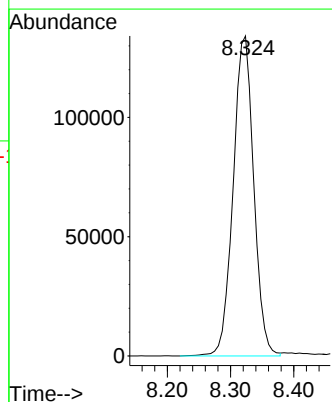
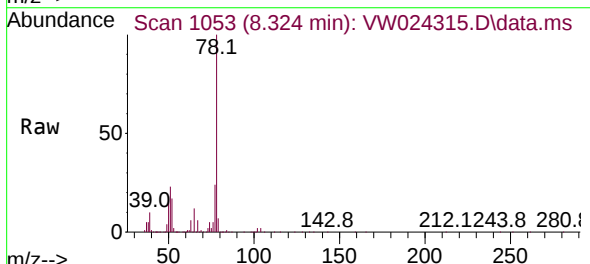
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

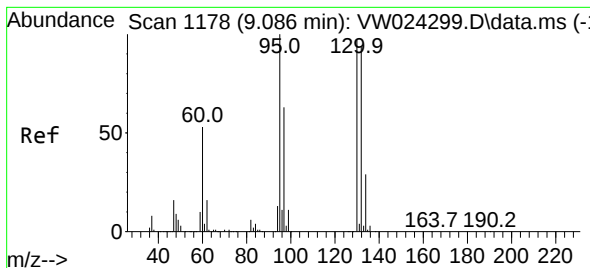
Tgt Ion:117 Resp: 91827
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.8



#33
Benzene
Concen: 25.185 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 78 Resp: 303615





#34

Trichloroethene

Concen: 22.599 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

Tgt Ion: 95 Resp: 72007

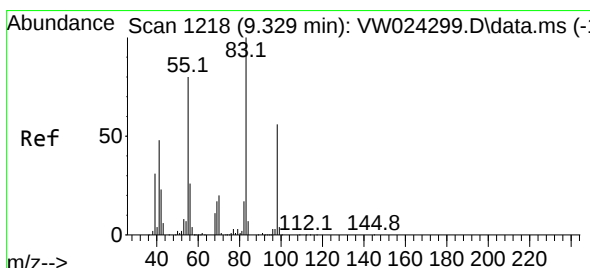
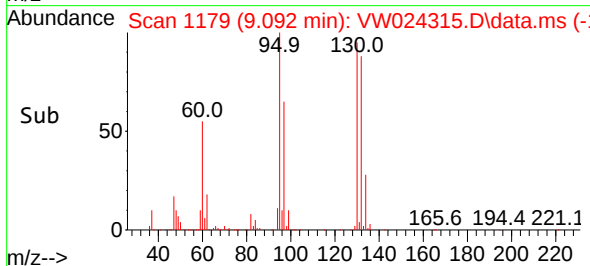
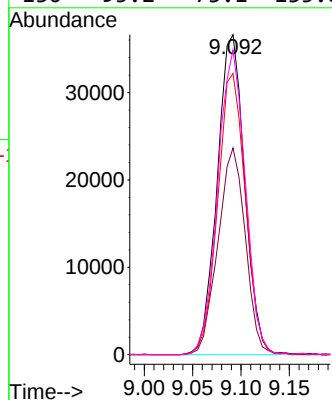
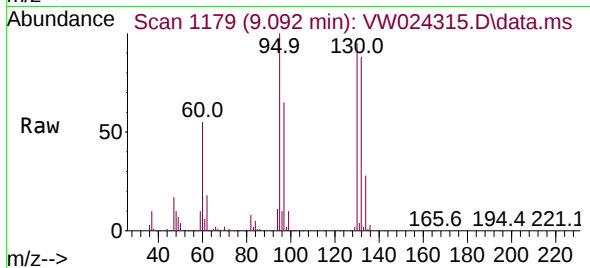
Ion Ratio Lower Upper

95 100

97 64.6 41.6 77.2

132 87.8 67.0 124.4

130 95.2 73.1 135.8



#35

Methylcyclohexane

Concen: 22.448 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

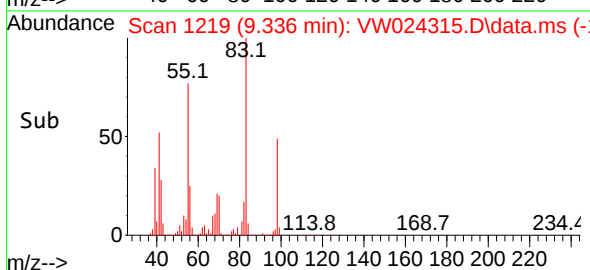
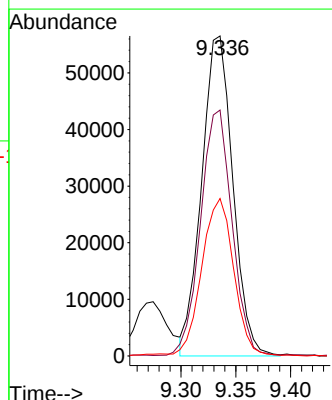
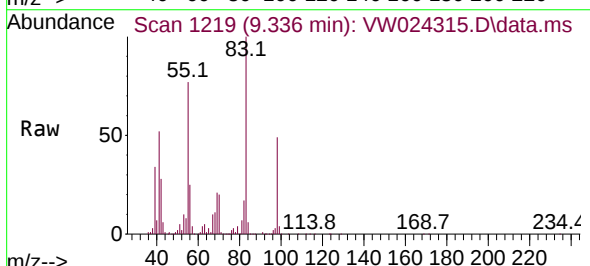
Tgt Ion: 83 Resp: 112167

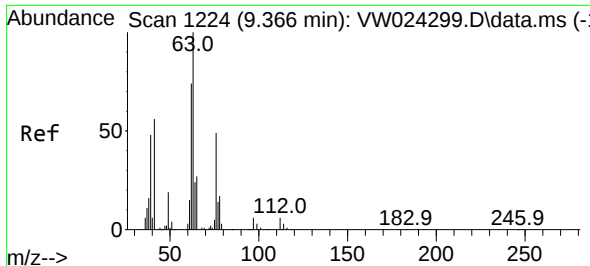
Ion Ratio Lower Upper

83 100

55 77.5 59.1 88.7

98 50.3 40.8 61.2





#37

1,2-Dichloropropane

Concen: 27.371 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

Instrument :

MSVOA_W

ClientSampleId :

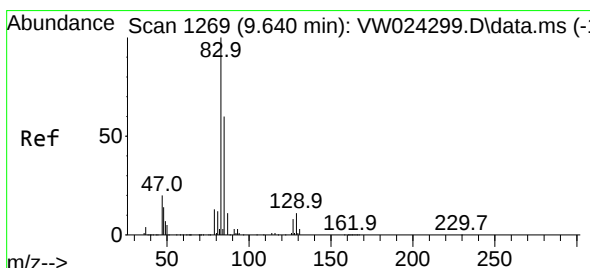
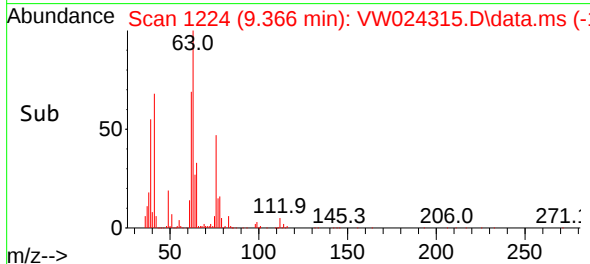
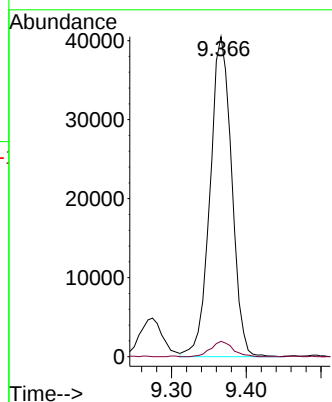
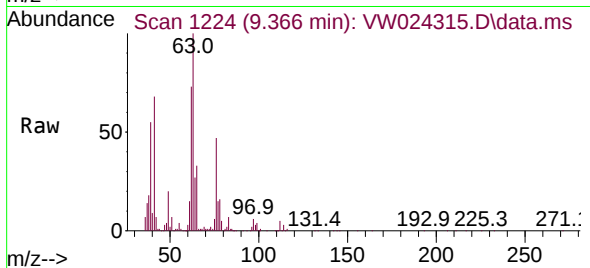
VSTD025545

Tgt Ion: 63 Resp: 81564

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.6



#38

Bromodichloromethane

Concen: 27.408 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

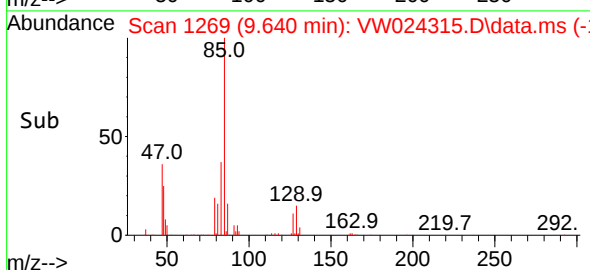
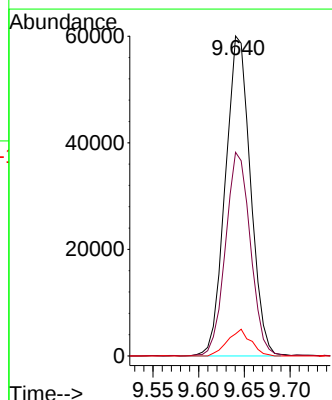
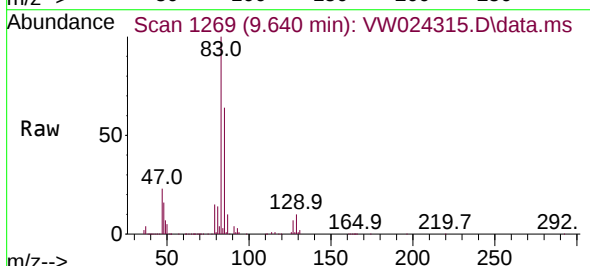
Tgt Ion: 83 Resp: 114556

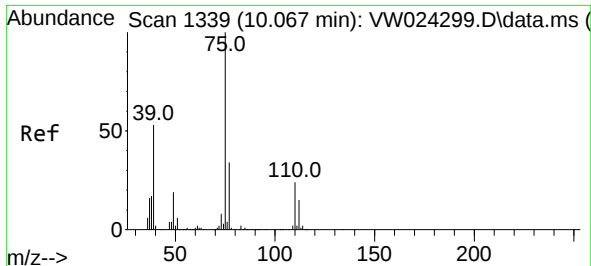
Ion Ratio Lower Upper

83 100

85 63.6 43.7 81.1

127 6.9 6.9 10.3

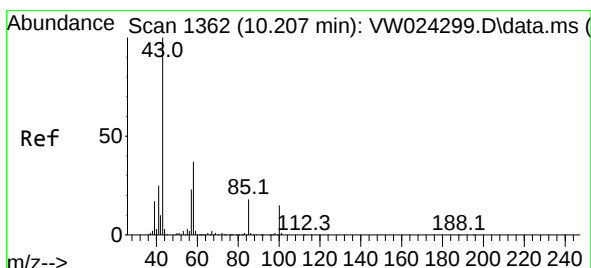
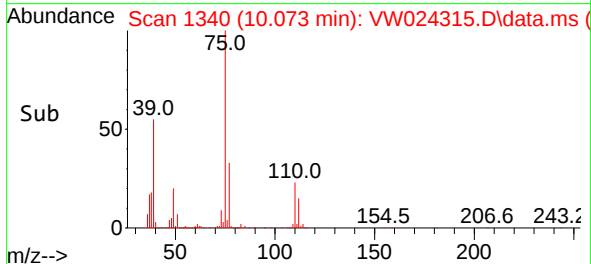
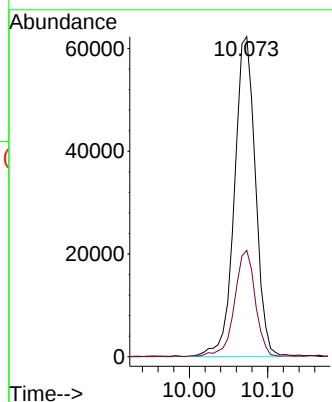
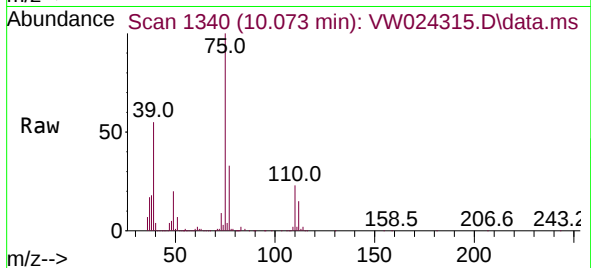




#39
 cis-1,3-Dichloropropene
 Concen: 26.398 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024315.D
 Acq: 23 Aug 2022 20:18

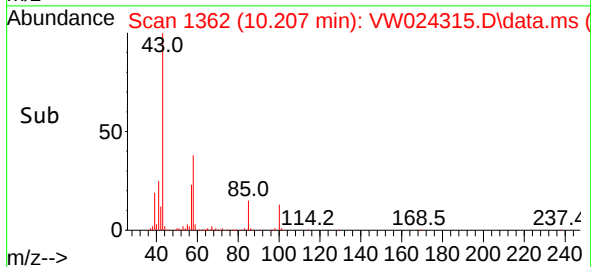
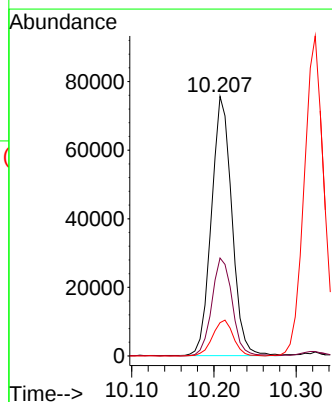
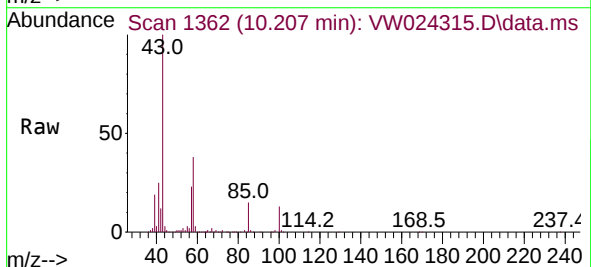
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

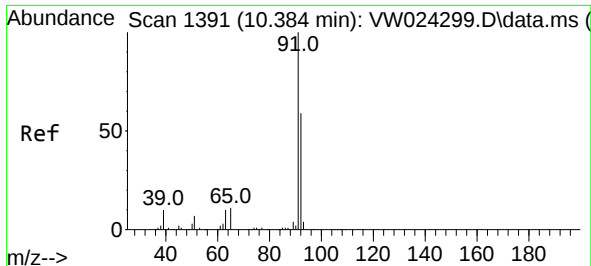
Tgt Ion: 75 Resp: 115732
 Ion Ratio Lower Upper
 75 100
 77 33.3 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 66.111 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024315.D
 Acq: 23 Aug 2022 20:18

Tgt Ion: 43 Resp: 130751
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.5 45.7
 100 14.0 13.8 20.6

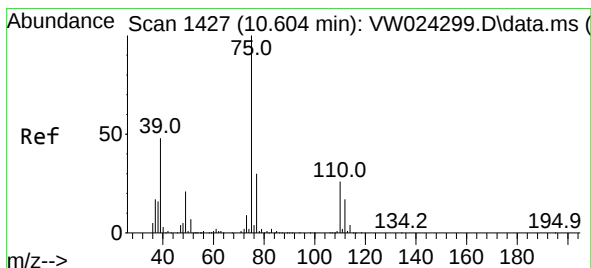
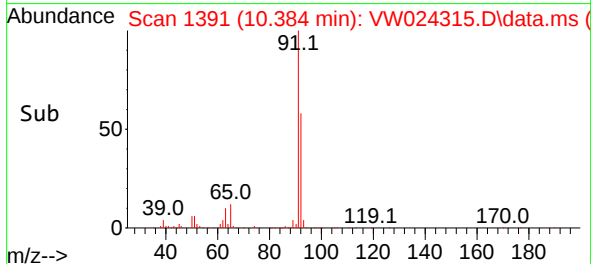
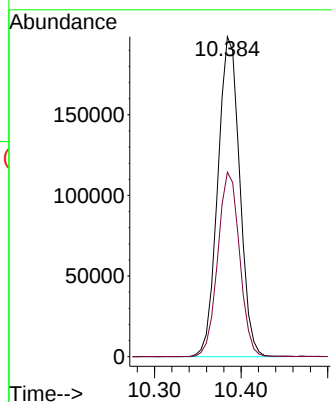
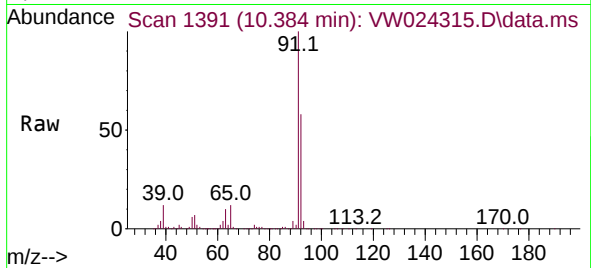




#42
Toluene
Concen: 27.227 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

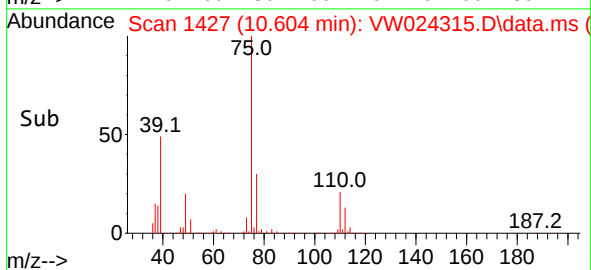
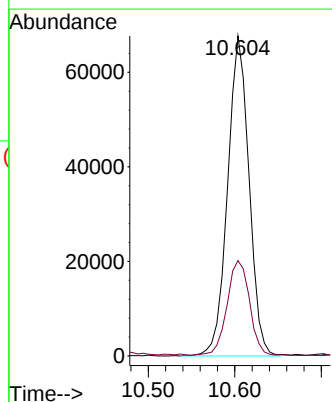
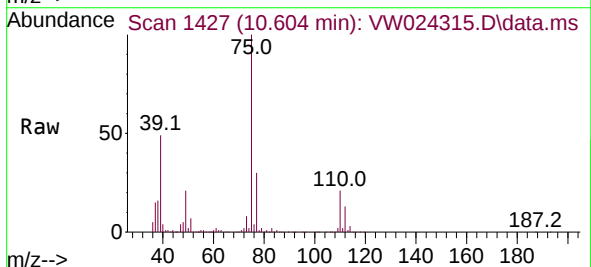
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

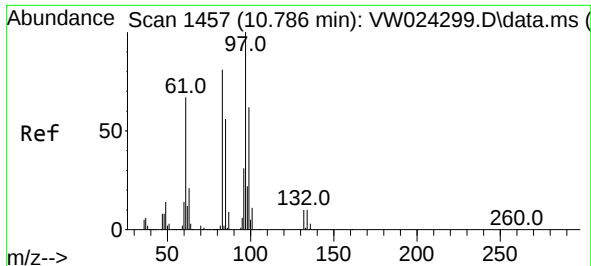
Tgt Ion: 91 Resp: 348785
Ion Ratio Lower Upper
91 100
92 57.7 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 29.020 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 75 Resp: 116251
Ion Ratio Lower Upper
75 100
77 29.8 22.4 41.6



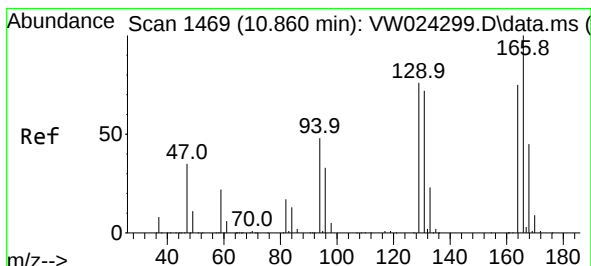
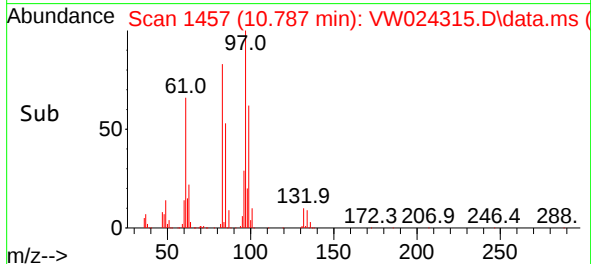
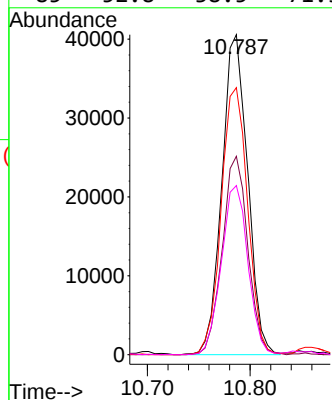
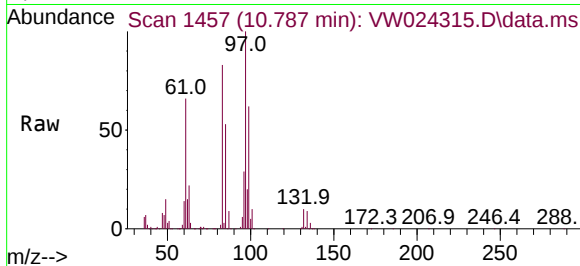


#45
1,1,2-Trichloroethane
Concen: 28.136 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

Tgt Ion: 97 Resp: 70669

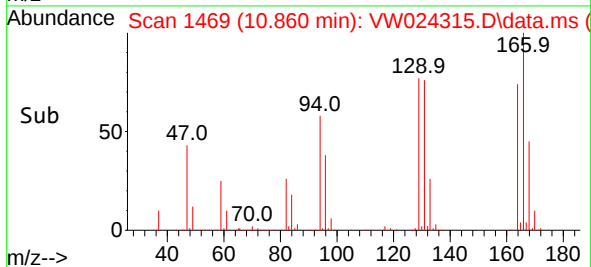
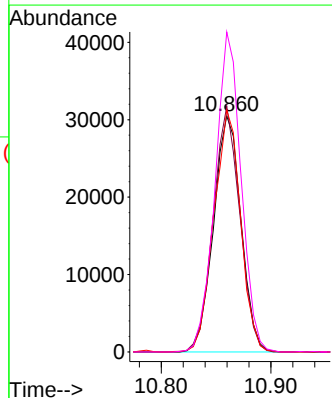
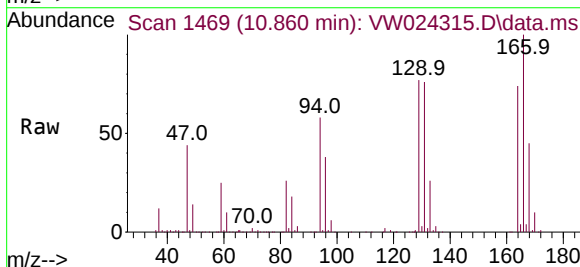
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.8	81.3
83	83.5	56.4	104.7
85	52.8	38.5	71.5

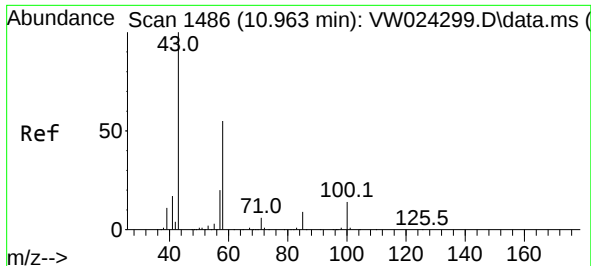


#46
Tetrachloroethene
Concen: 20.544 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 164 Resp: 52995

Ion	Ratio	Lower	Upper
164	100		
129	104.1	63.1	117.3
131	102.5	63.9	118.7
166	135.6	86.8	161.2

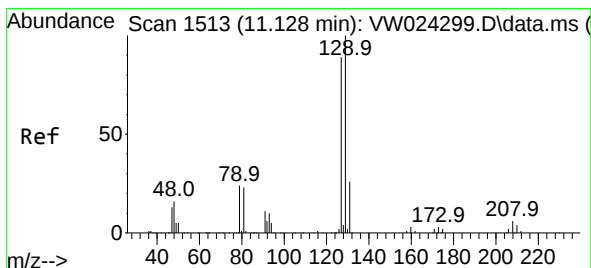
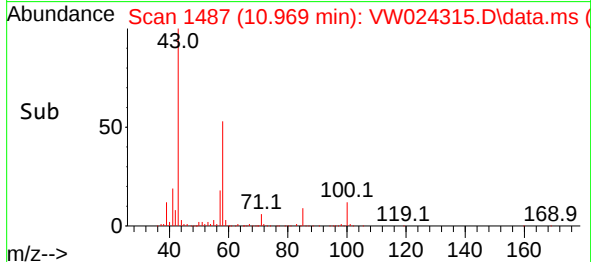
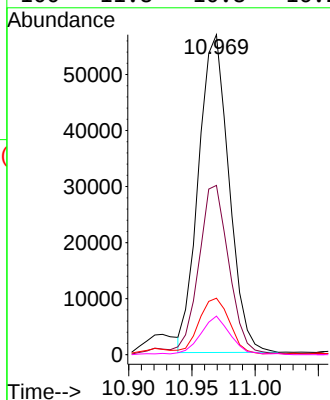
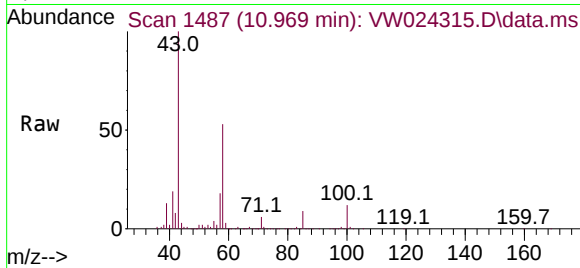




#48
2-Hexanone
Concen: 70.803 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

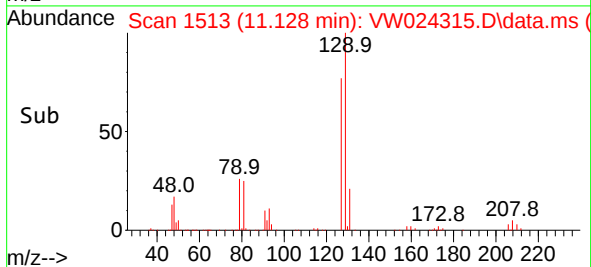
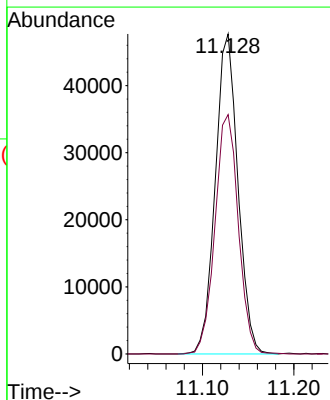
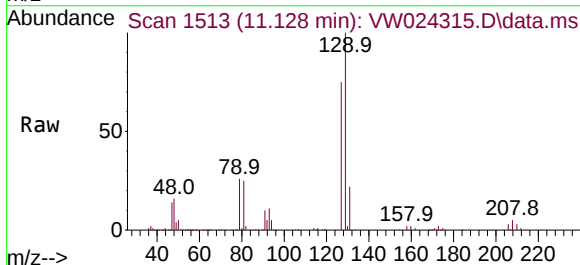
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

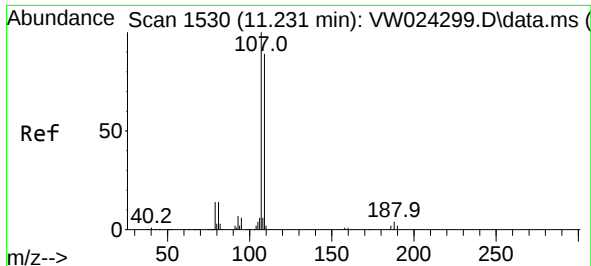
Tgt Ion:	43	Resp:	95031
Ion	Ratio	Lower	Upper
43	100		
58	53.1	43.4	65.0
57	17.6	15.0	22.4
100	11.8	10.8	16.2



#49
Dibromochloromethane
Concen: 27.150 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion:	129	Resp:	82095
Ion	Ratio	Lower	Upper
129	100		
127	74.8	52.3	97.1





#50

1,2-Dibromoethane

Concen: 27.440 ug/L

RT: 11.238 min Scan# 1530

Delta R.T. 0.006 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

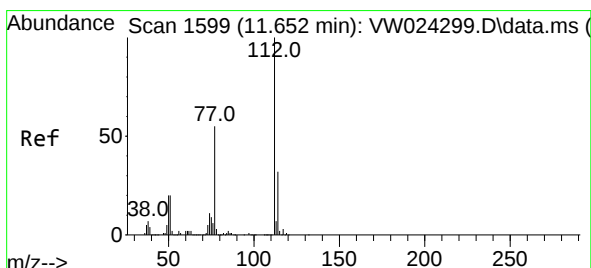
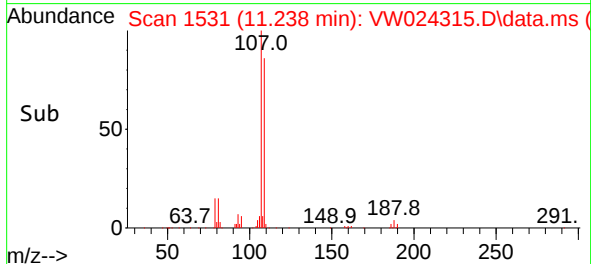
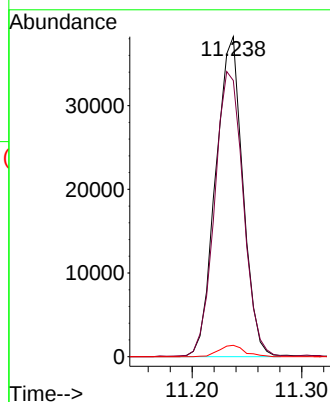
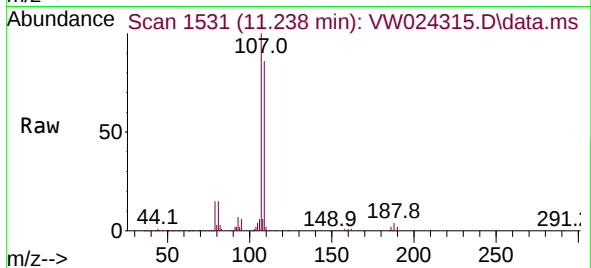
Tgt Ion:107 Resp: 66032

Ion Ratio Lower Upper

107 100

109 86.3 64.0 119.0

188 3.6 3.1 4.7



#51

Chlorobenzene

Concen: 27.000 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

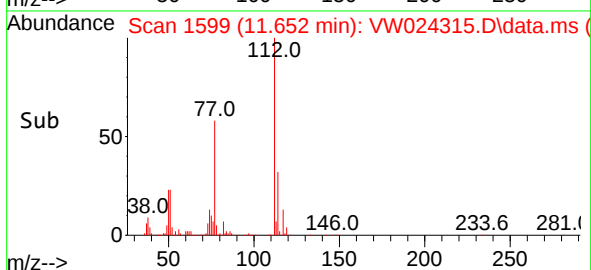
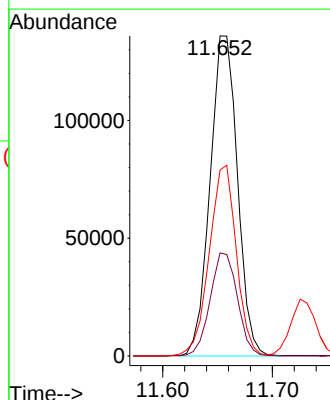
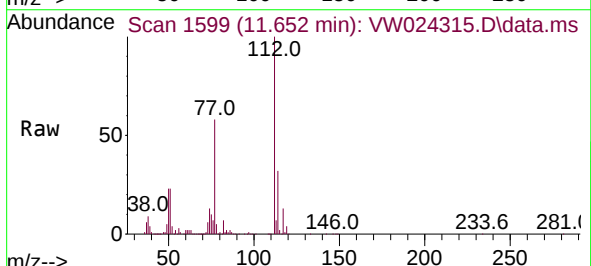
Tgt Ion:112 Resp: 236320

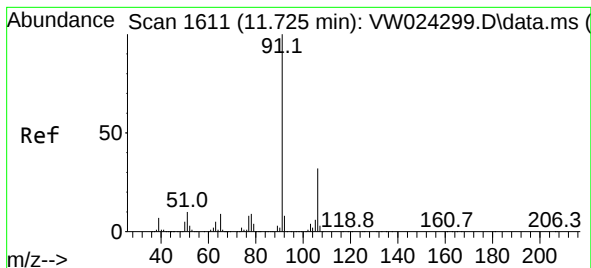
Ion Ratio Lower Upper

112 100

114 32.2 20.7 38.5

77 58.1 41.4 62.2

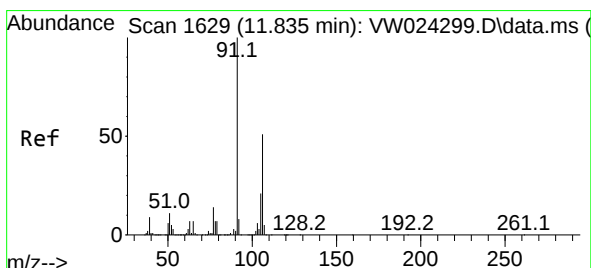
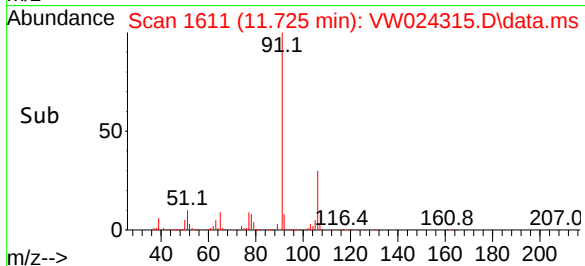
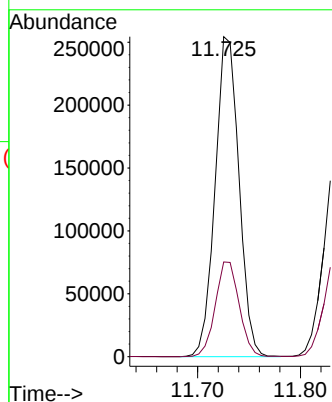
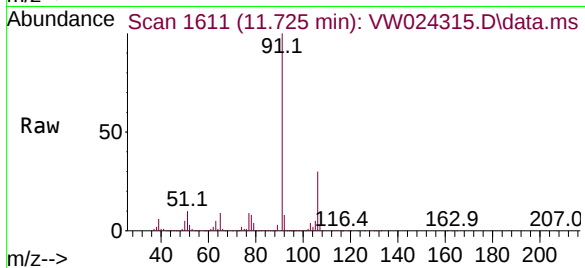




#52
Ethylbenzene
Concen: 29.166 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

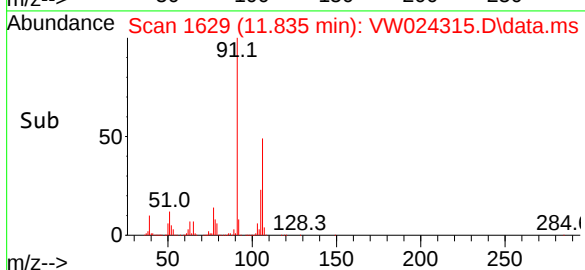
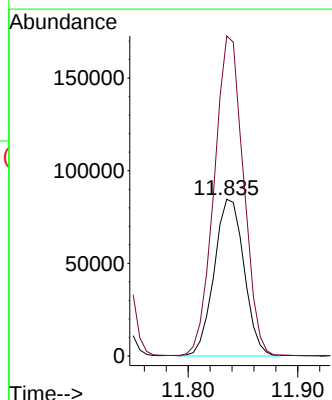
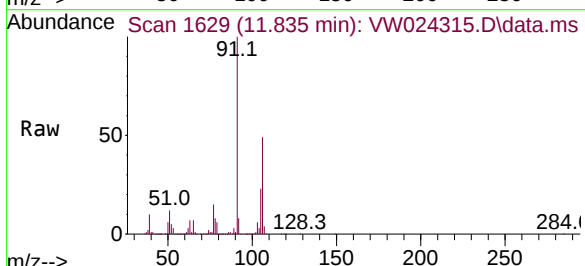
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

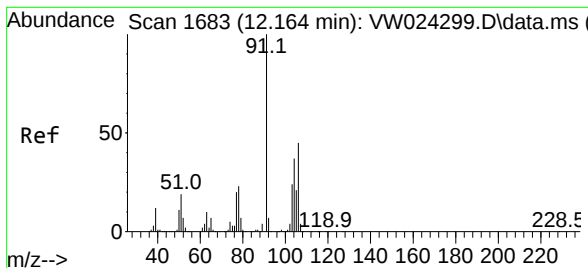
Tgt Ion: 91 Resp: 409350
Ion Ratio Lower Upper
91 100
106 29.6 21.9 40.7



#53
m,p-Xylene
Concen: 29.346 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 106 Resp: 160326
Ion Ratio Lower Upper
106 100
91 204.4 144.1 267.7

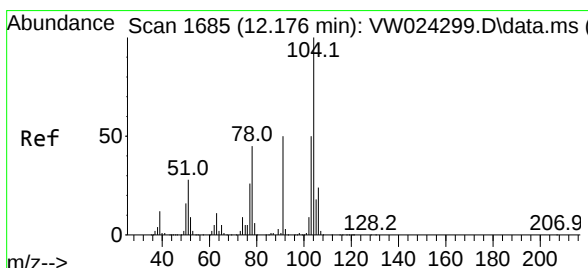
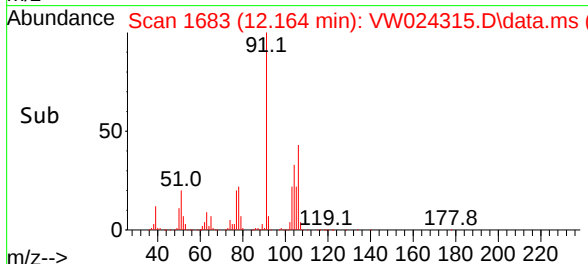
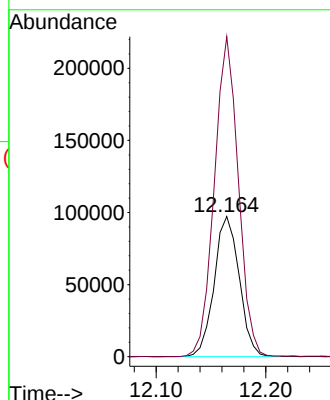
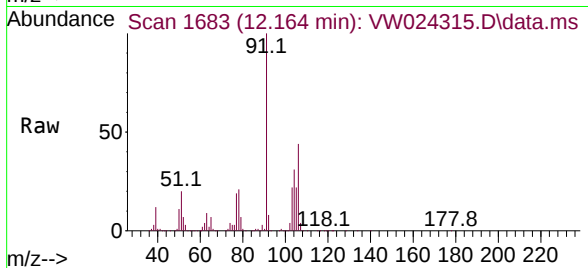




#54
o-Xylene
Concen: 29.857 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

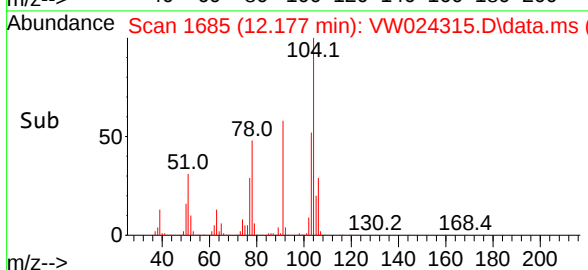
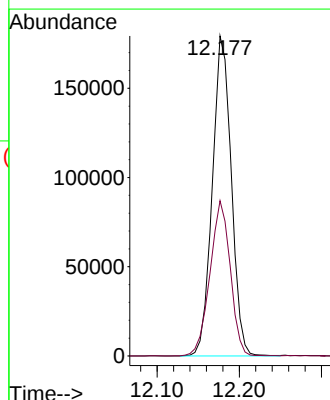
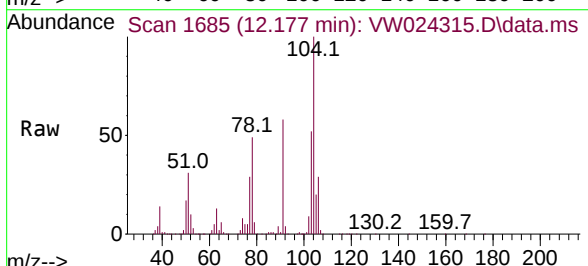
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

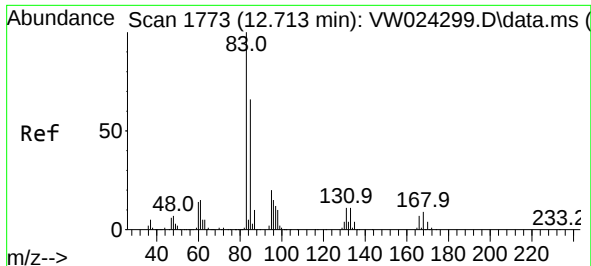
Tgt Ion:106 Resp: 154105
Ion Ratio Lower Upper
106 100
91 228.2 150.9 280.3



#55
Styrene
Concen: 32.050 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion:104 Resp: 287707
Ion Ratio Lower Upper
104 100
78 48.5 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 33.532 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

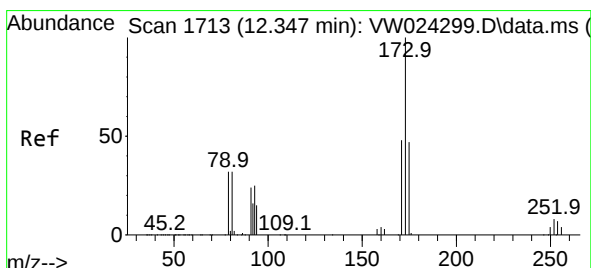
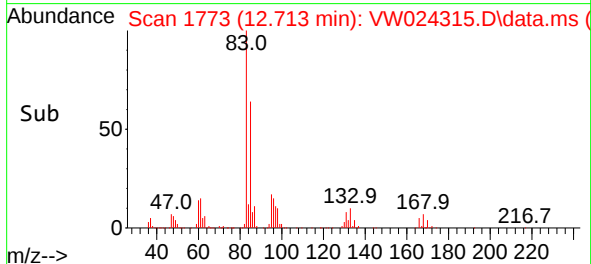
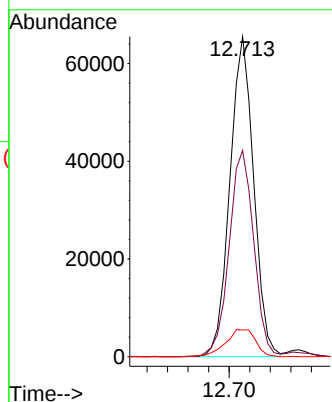
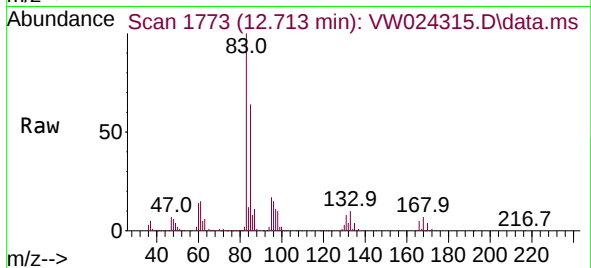
Tgt Ion: 83 Resp: 105258

Ion Ratio Lower Upper

83 100

85 64.4 44.1 81.9

131 8.4 8.3 12.5



#59

Bromoform

Concen: 27.524 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

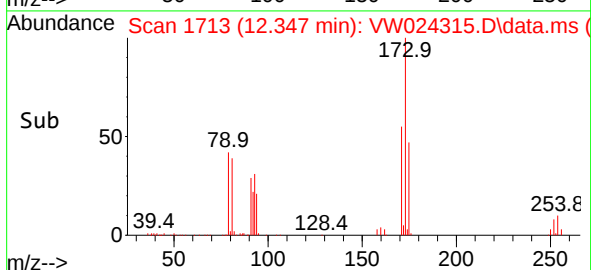
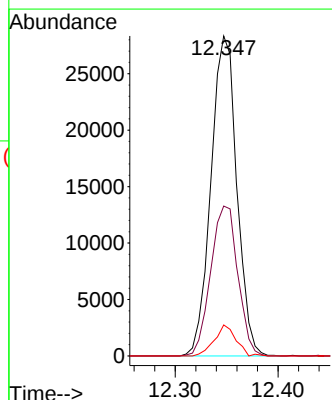
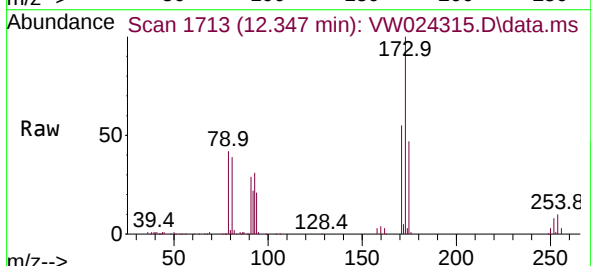
Tgt Ion: 173 Resp: 49507

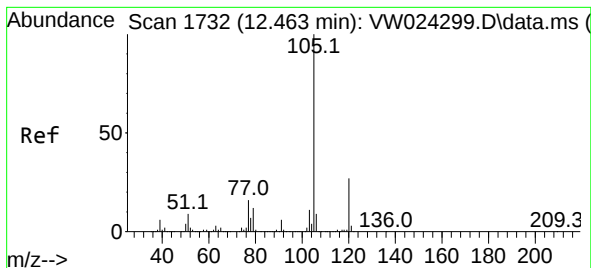
Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.6

254 7.9 6.8 10.2

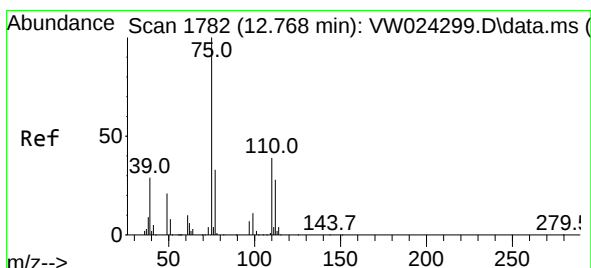
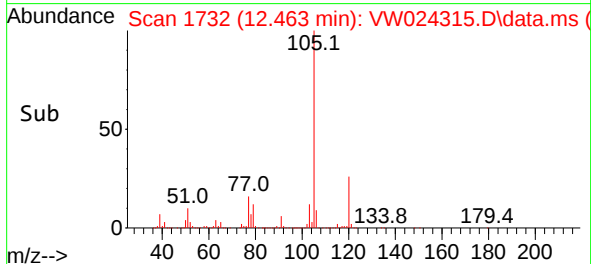
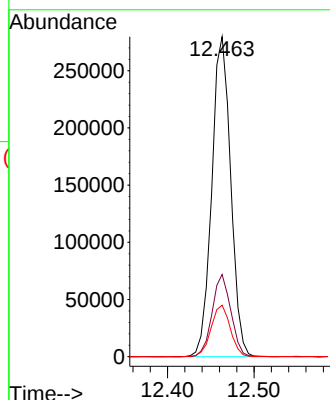
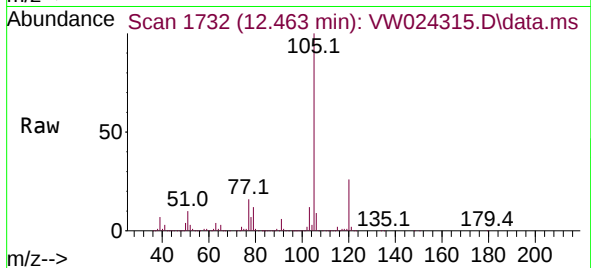




#60
Isopropylbenzene
Concen: 29.739 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

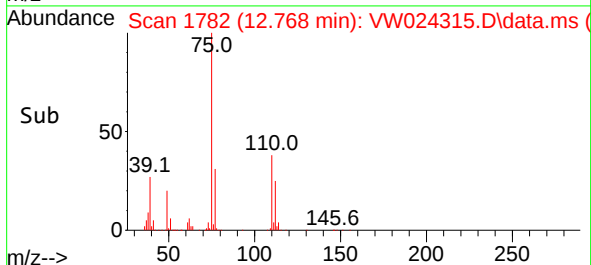
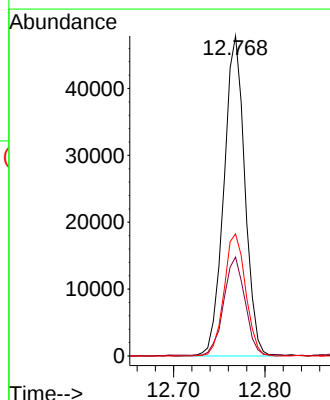
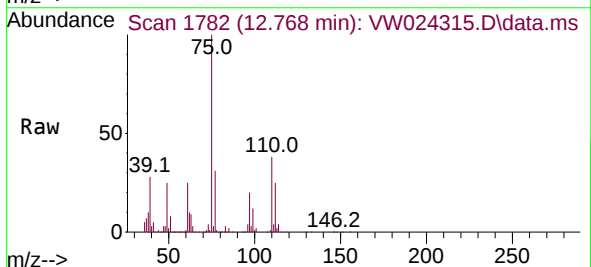
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

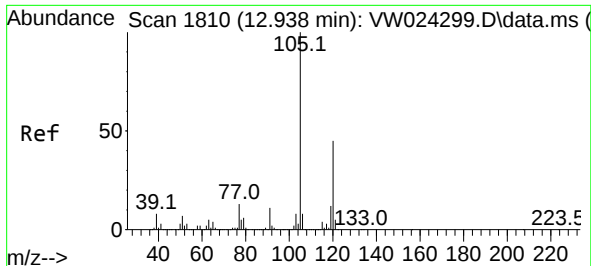
Tgt Ion:105 Resp: 424538
Ion Ratio Lower Upper
105 100
120 25.4 21.4 32.2
77 16.3 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 32.503 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 75 Resp: 76279
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.4
110 39.1 33.6 50.4

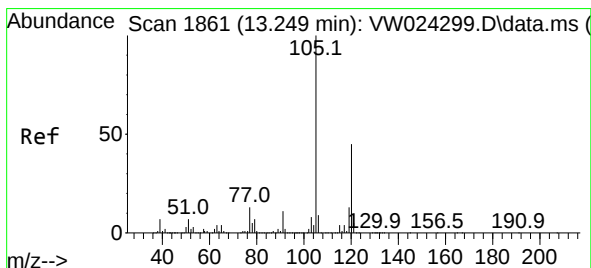
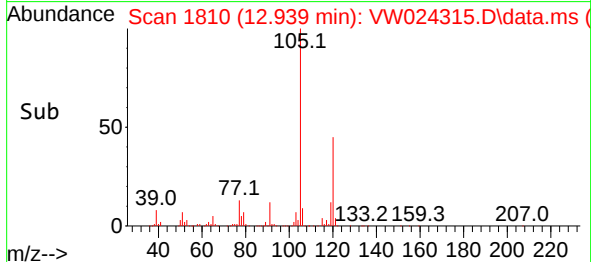
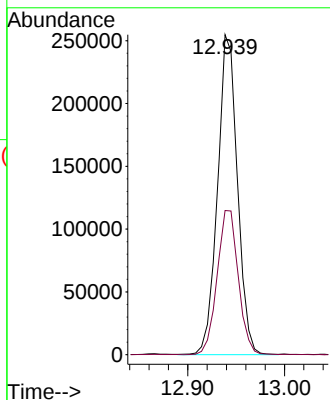
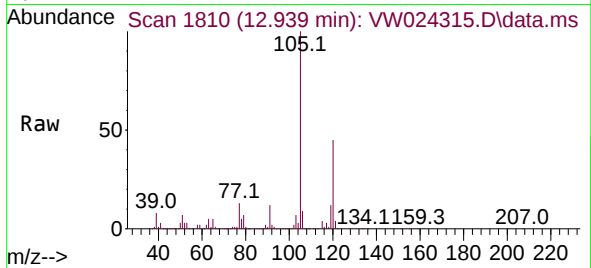




#62
1,3,5-Trimethylbenzene
Concen: 30.748 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

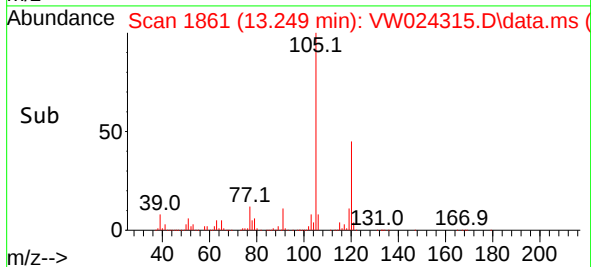
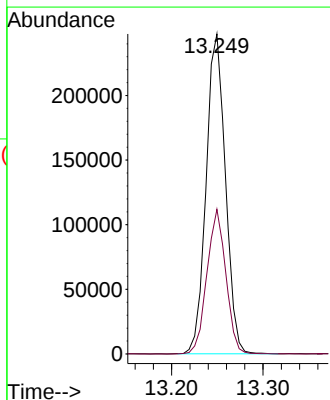
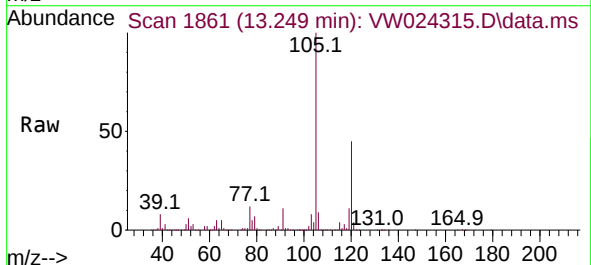
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

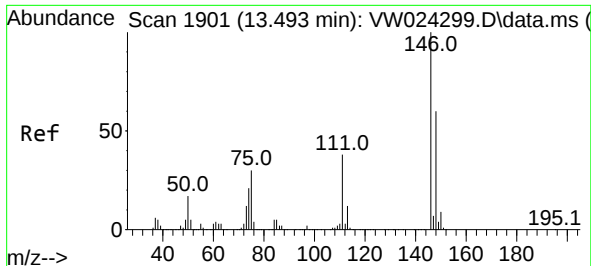
Tgt Ion:105 Resp: 362735
Ion Ratio Lower Upper
105 100
120 48.0 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 31.185 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion:105 Resp: 362307
Ion Ratio Lower Upper
105 100
120 44.3 36.4 54.6

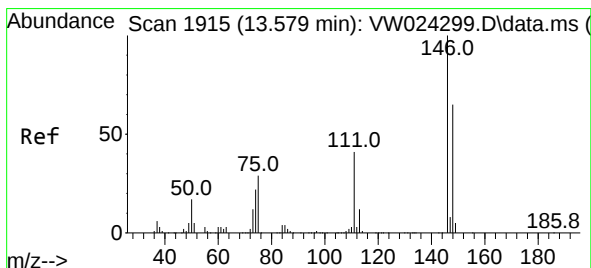
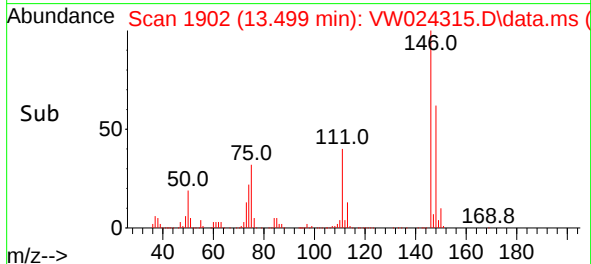
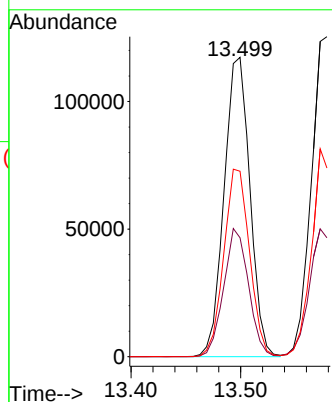
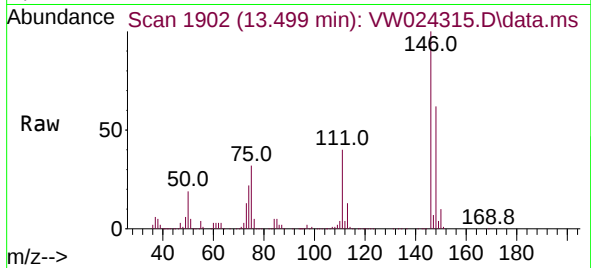




#64
1,3-Dichlorobenzene
Concen: 27.497 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

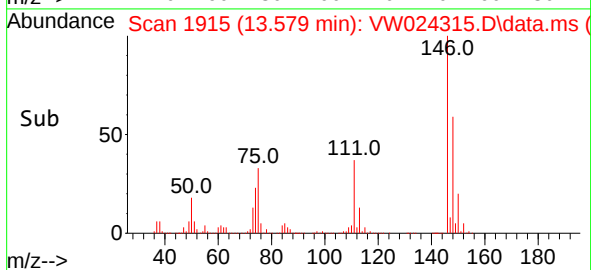
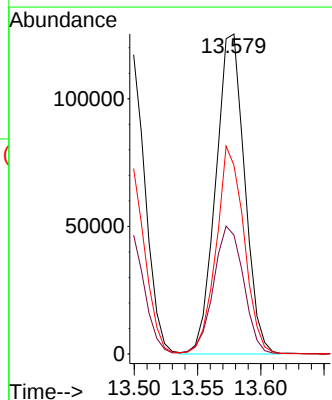
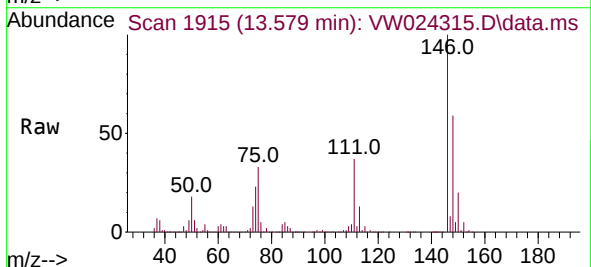
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

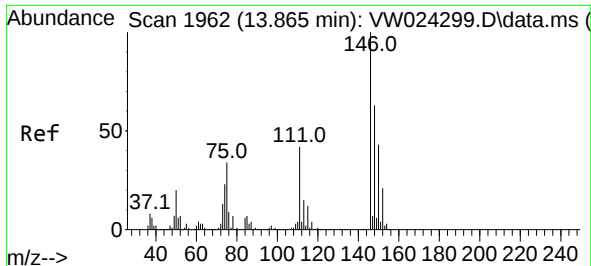
Tgt Ion:146 Resp: 192212
Ion Ratio Lower Upper
146 100
111 39.7 28.0 52.0
148 61.9 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 26.850 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW024315.D
Acq: 23 Aug 2022 20:18

Tgt Ion:146 Resp: 198749
Ion Ratio Lower Upper
146 100
111 37.2 27.6 51.4
148 59.0 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 27.778 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

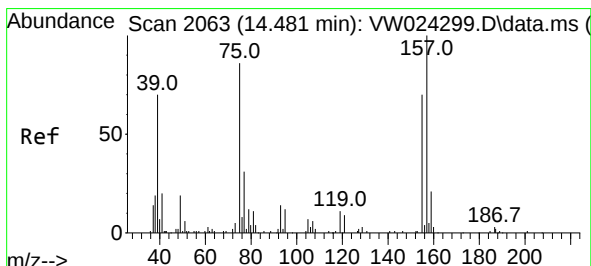
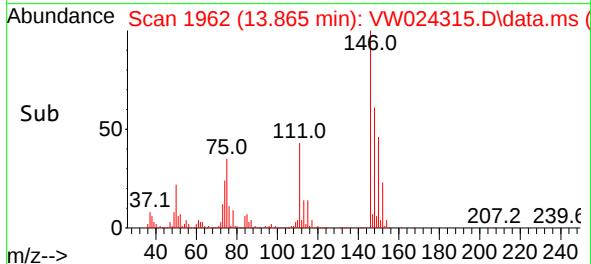
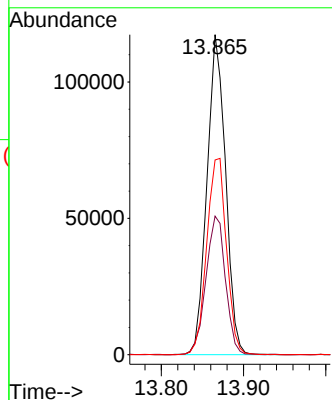
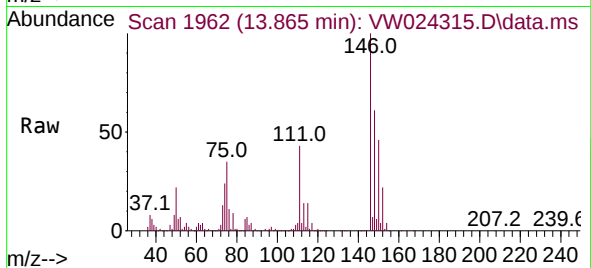
Tgt Ion:146 Resp: 184396

Ion Ratio Lower Upper

146 100

111 43.3 29.0 43.6

148 60.9 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 30.883 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

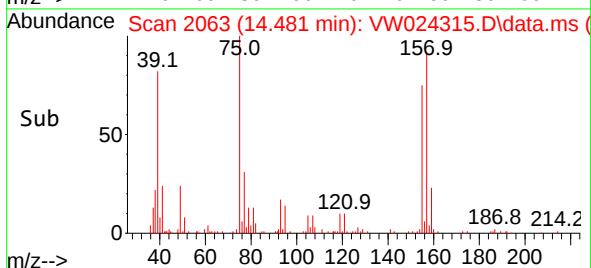
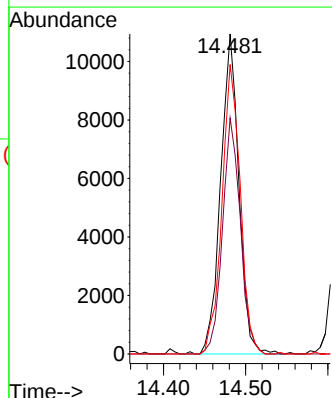
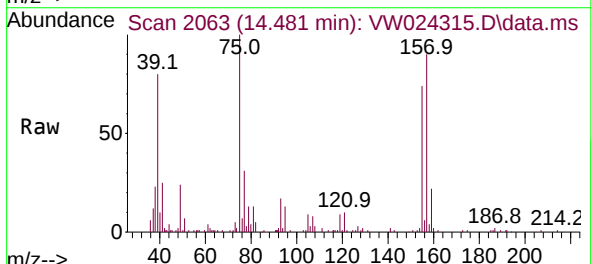
Tgt Ion: 75 Resp: 16933

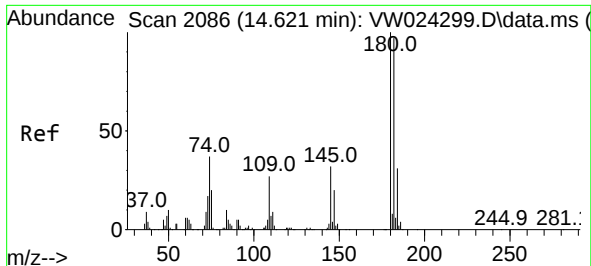
Ion Ratio Lower Upper

75 100

155 73.8 68.8 103.2

157 90.5 91.5 137.3#





#69

1,3,5-Trichlorobenzene

Concen: 25.367 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

Tgt Ion:180 Resp: 116277

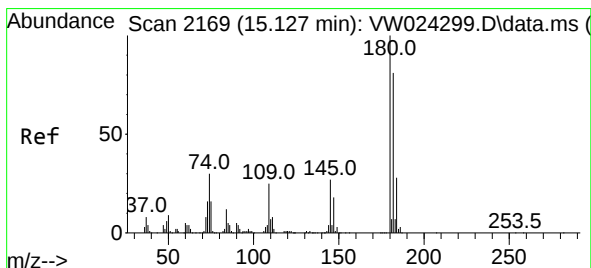
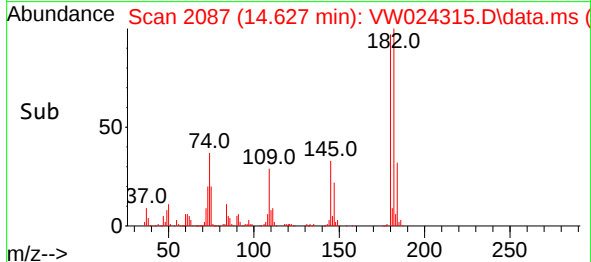
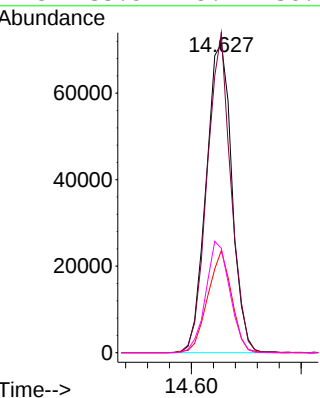
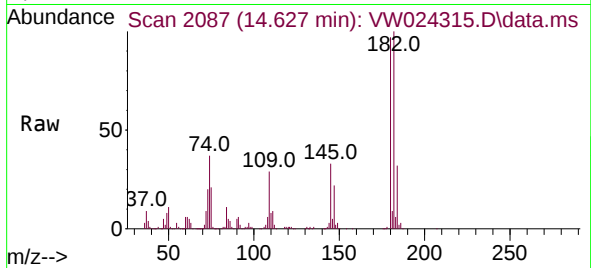
Ion Ratio Lower Upper

180 100

182 95.4 78.4 117.6

184 30.7 24.7 37.1

145 33.8 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 25.189 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

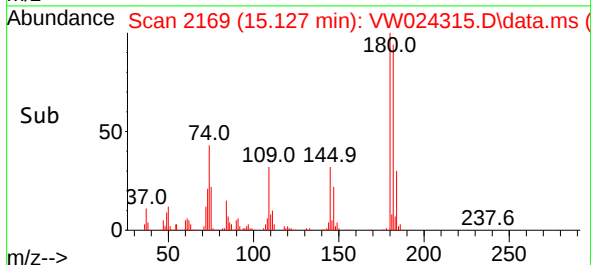
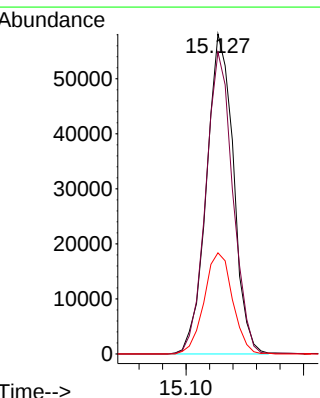
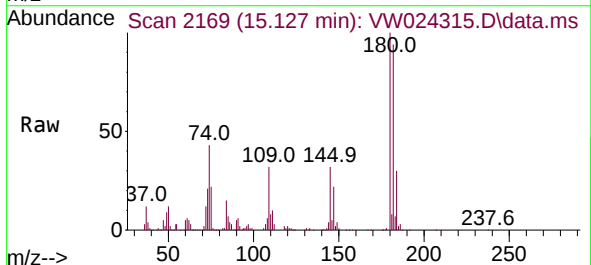
Tgt Ion:180 Resp: 92464

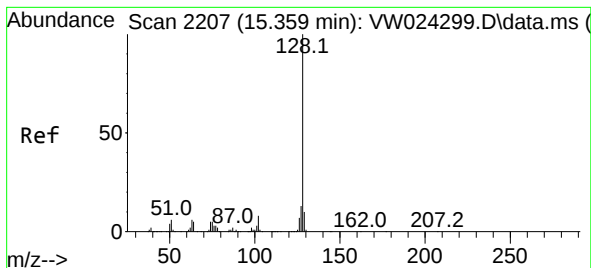
Ion Ratio Lower Upper

180 100

182 94.6 75.0 112.4

145 33.2 25.1 37.7





#71

Naphthalene

Concen: 31.346 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

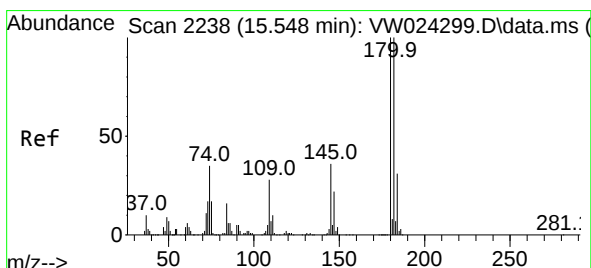
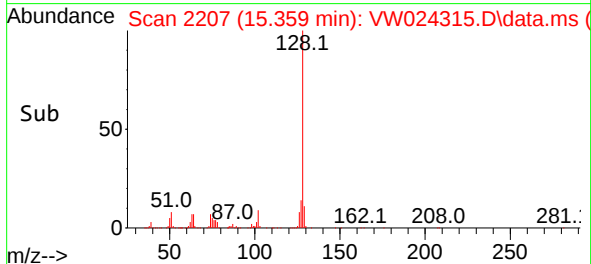
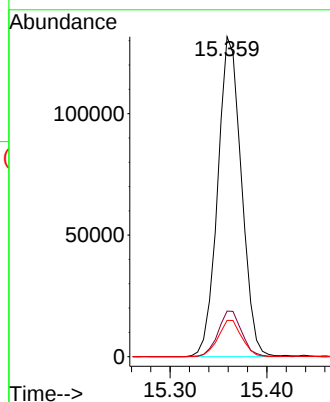
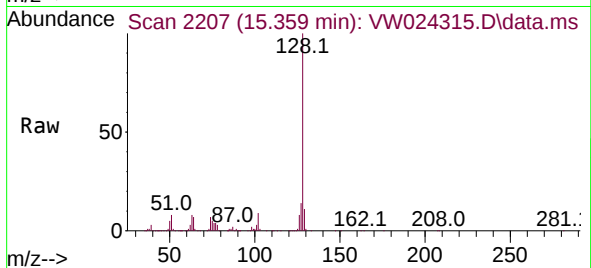
Tgt Ion:128 Resp: 224125

Ion Ratio Lower Upper

128 100

127 14.4 10.7 16.1

129 11.4 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.097 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024315.D

Acq: 23 Aug 2022 20:18

Tgt Ion:180 Resp: 87217

Ion Ratio Lower Upper

180 100

182 99.8 75.4 113.2

145 36.7 26.9 40.3

