

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024159.D
 Acq On : 04 Aug 2022 10:59
 Operator : SY/VA
 Sample : VSTD10011
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100411

Quant Time: Aug 05 00:27:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:24:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	321391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	310498	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	180086	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	651941	97.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 388.200%#	
7) Chloroethane-d5	2.867	69	447028	106.821	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 427.280%#	
11) 1,1-Dichloroethene-d2	4.013	63	765292	99.959	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 399.840%#	
21) 2-Butanone-d5	7.080	46	269025	197.507	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 395.020%#	
24) Chloroform-d	7.647	84	897201	92.262	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 369.040%#	
26) 1,2-Dichloroethane-d4	8.305	65	499813	92.576	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 370.320%#	
32) Benzene-d6	8.269	84	1780733	97.244	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 388.960%#	
36) 1,2-Dichloropropane-d6	9.275	67	516922	95.611	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 382.440%#	
41) Toluene-d8	10.323	98	1734601	101.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 405.360%#	
43) trans-1,3-Dichloroprop...	10.573	79	255482	107.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 431.520%#	
47) 2-Hexanone-d5	10.921	63	244161	244.566	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 489.140%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	513944	97.976	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 391.920%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	627295	95.188	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 380.760%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	348912	123.398	ug/L	96
3) Chloromethane	2.209	50	574476	108.332	ug/L	98
5) Vinyl chloride	2.355	62	747068	101.202	ug/L	100
6) Bromomethane	2.757	94	395831	93.519	ug/L	96
8) Chloroethane	2.904	64	370310	114.521	ug/L	96
9) Trichlorofluoromethane	3.245	101	334125	95.482	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	463324	98.129	ug/L	98
12) 1,1-Dichloroethene	4.032	96	412688	106.809	ug/L	93
13) Acetone	4.050	43	5219	5.610	ug/L	96
14) Carbon disulfide	4.379	76	1250986	101.180	ug/L	98
15) Methyl Acetate	4.666	43	212672	106.427	ug/L	97
16) Methylene chloride	4.910	84	433765	76.535	ug/L	95
17) trans-1,2-Dichloroethene	5.416	96	459005	102.570	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	720669	113.266	ug/L	99
19) 1,1-Dichloroethane	6.208	63	773487	98.409	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	516736	105.296	ug/L #	93
22) 2-Butanone	7.171	43	304472	191.681	ug/L	97
23) Bromochloromethane	7.513	128	254485	104.279	ug/L #	93
25) Chloroform	7.671	83	861946	99.519	ug/L	95

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 Response via : Initial Calibration

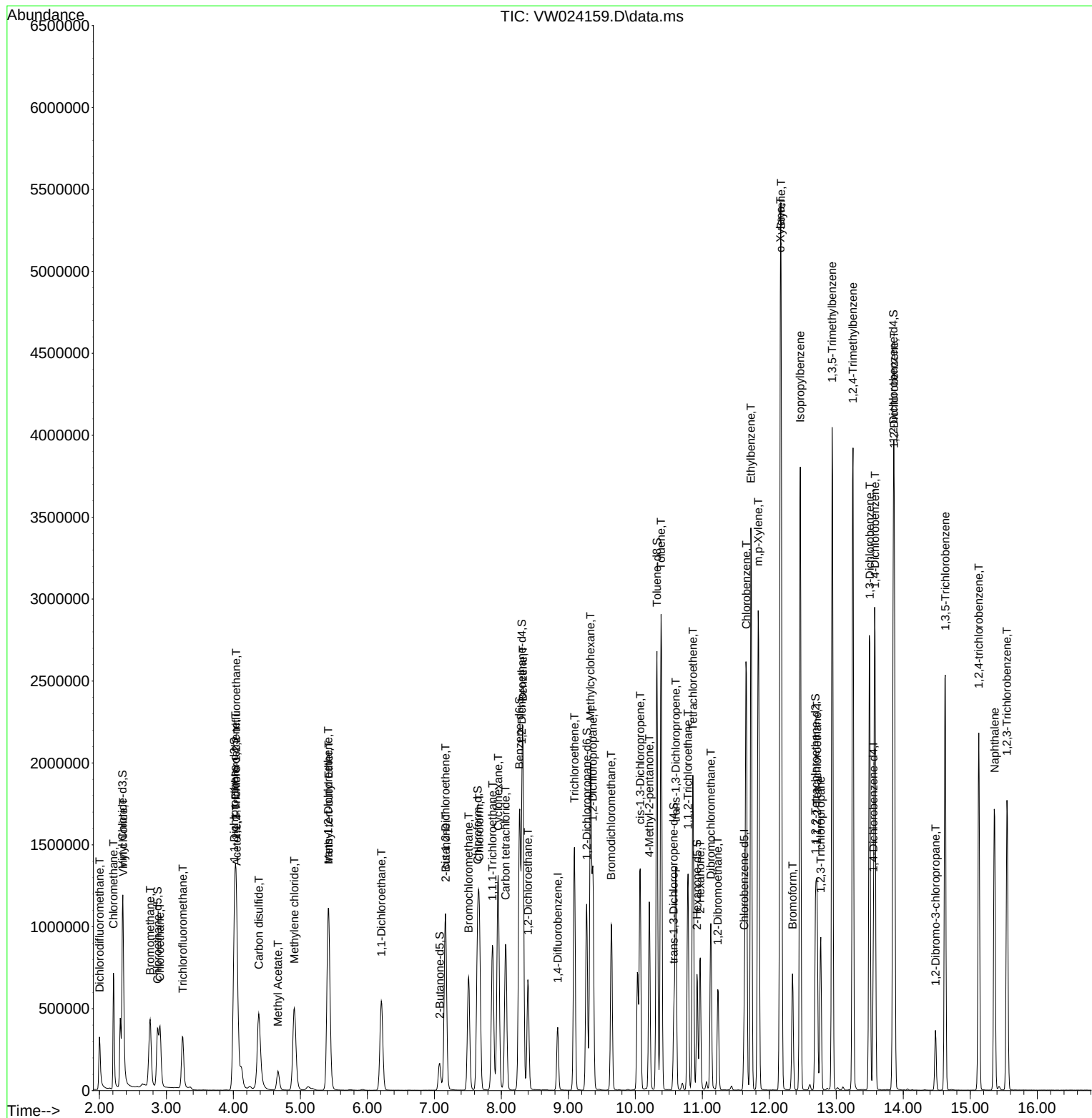
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	589340	101.122	ug/L	99
29) Cyclohexane	7.952	56	713862	112.142	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	714521	102.043	ug/L	99
31) Carbon tetrachloride	8.061	117	675102	102.197	ug/L	97
33) Benzene	8.324	78	1870138	101.978	ug/L	100
34) Trichloroethene	9.092	95	493224	101.755	ug/L	97
35) Methylcyclohexane	9.329	83	841752	110.741	ug/L	98
37) 1,2-Dichloropropane	9.366	63	458244	101.085	ug/L	99
38) Bromodichloromethane	9.640	83	666734	104.863	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	773562	115.989	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	704371	234.120	ug/L	98
42) Toluene	10.384	91	2113069	108.431	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	713374	117.062	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	396722	103.830	ug/L	97
46) Tetrachloroethene	10.860	164	425784	108.504	ug/L	95
48) 2-Hexanone	10.969	43	495048	242.458	ug/L	98
49) Dibromochloromethane	11.128	129	515799	112.134	ug/L	97
50) 1,2-Dibromoethane	11.232	107	401240	109.605	ug/L	96
51) Chlorobenzene	11.658	112	1422165	106.812	ug/L	98
52) Ethylbenzene	11.725	91	2381664	111.549	ug/L	99
53) m,p-Xylene	11.835	106	942619	113.419	ug/L	95
54) o-Xylene	12.164	106	917689	116.879	ug/L	98
55) Styrene	12.177	104	1622298	118.800	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	507238	106.224	ug/L	97
59) Bromoform	12.347	173	309914	112.823	ug/L	98
60) Isopropylbenzene	12.463	105	2441411	111.988	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	359558	100.325	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	2102359	116.697	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2072998	116.837	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	1150625	107.784	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	1154895	102.164	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	1090202	107.543	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	83697	99.956	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	773528	110.502	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	666310	118.858	ug/L	99
71) Naphthalene	15.365	128	1486585	136.143	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	595794	116.736	ug/L	99

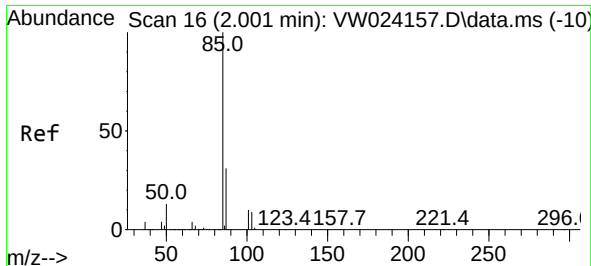
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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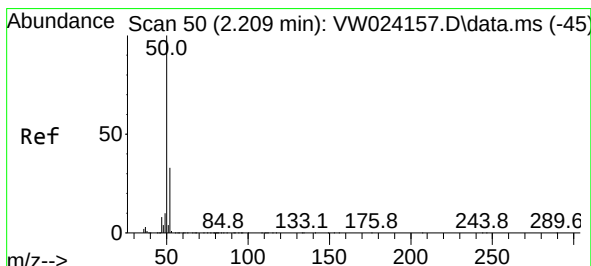
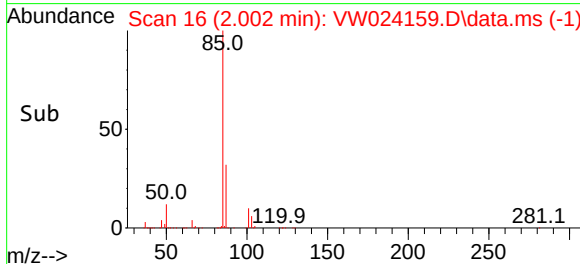
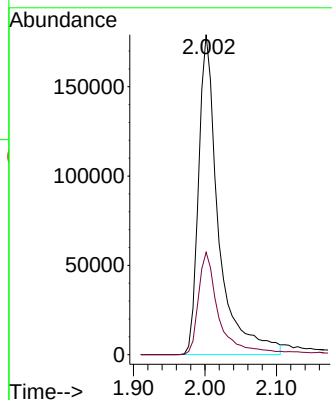
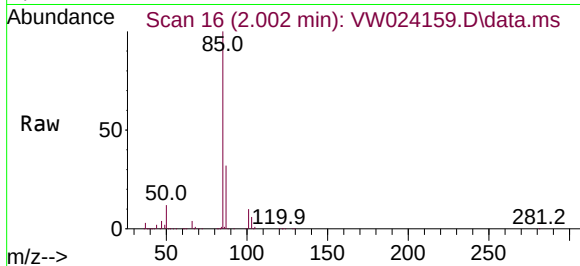




#2
 Dichlorodifluoromethane
 Concen: 123.398 ug/L
 RT: 2.002 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024159.D
 Acq: 04 Aug 2022 10:59

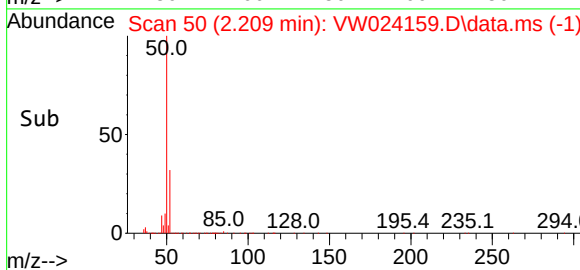
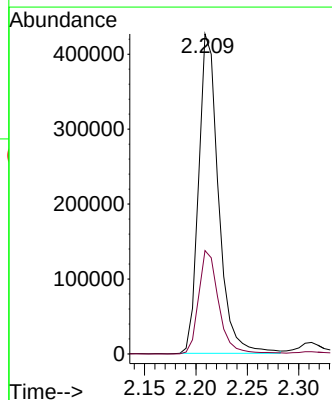
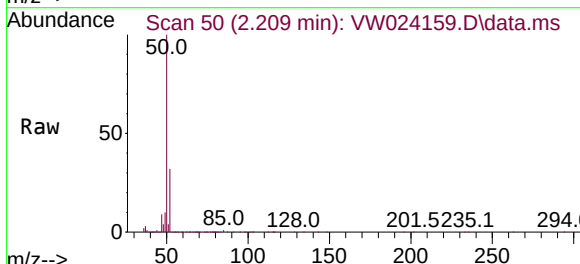
Instrument :
 MSVOA_W
 ClientSampleId :
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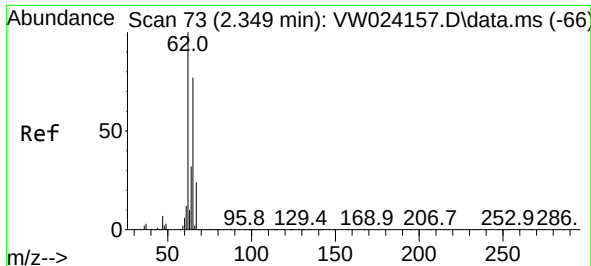
Tgt Ion: 85 Resp: 348912
 Ion Ratio Lower Upper
 85 100
 87 32.8 24.5 36.7



#3
 Chloromethane
 Concen: 108.332 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024159.D
 Acq: 04 Aug 2022 10:59

Tgt Ion: 50 Resp: 574476
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2

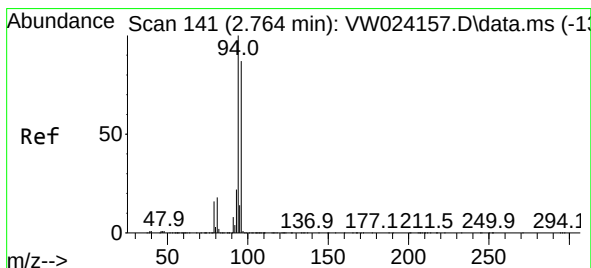
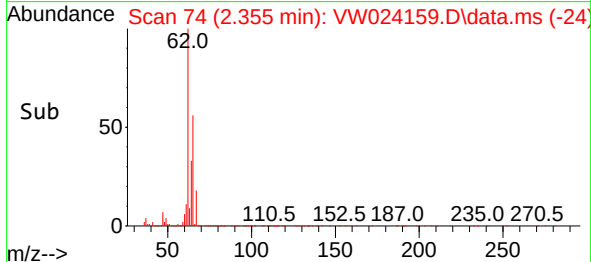
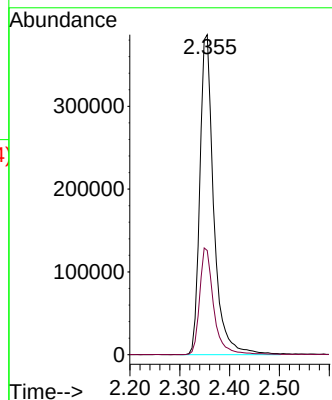
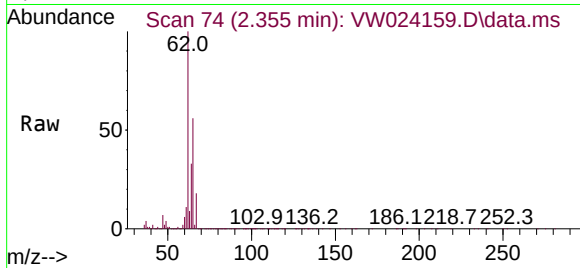




#5
 Vinyl chloride
 Concen: 101.202 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024159.D
 Acq: 04 Aug 2022 10:59

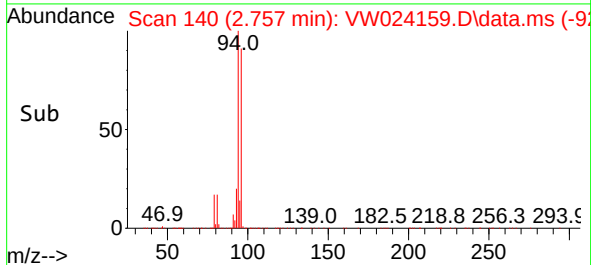
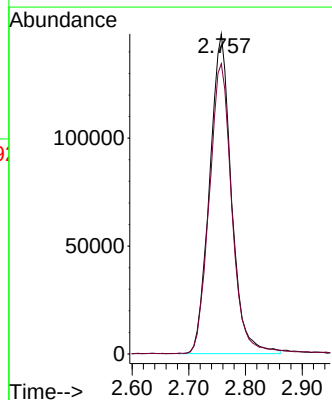
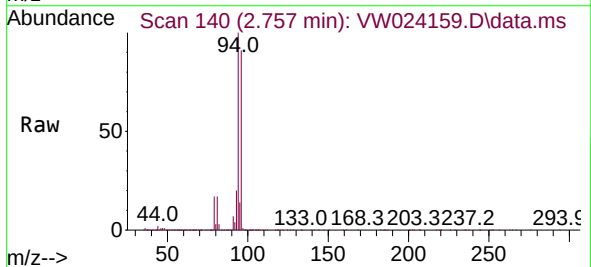
Instrument :
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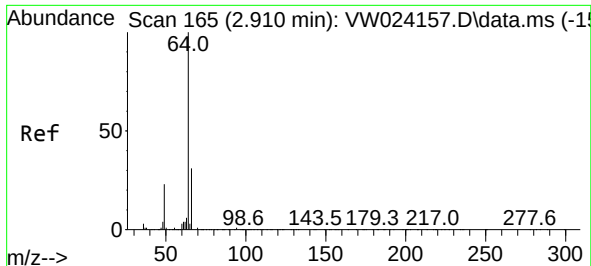
Tgt Ion: 62 Resp: 747068
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.7 42.3



#6
 Bromomethane
 Concen: 93.519 ug/L
 RT: 2.757 min Scan# 140
 Delta R.T. -0.006 min
 Lab File: VW024159.D
 Acq: 04 Aug 2022 10:59

Tgt Ion: 94 Resp: 395831
 Ion Ratio Lower Upper
 94 100
 96 90.7 61.0 113.4

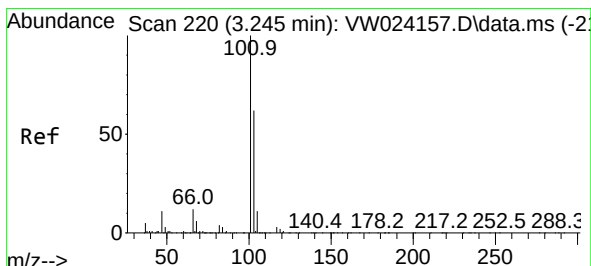
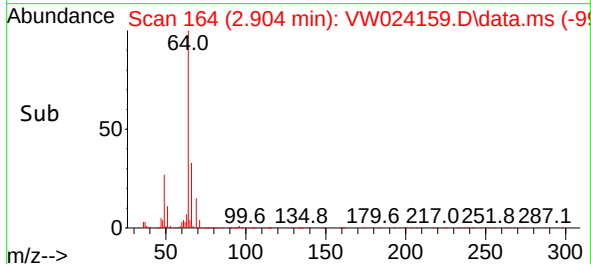
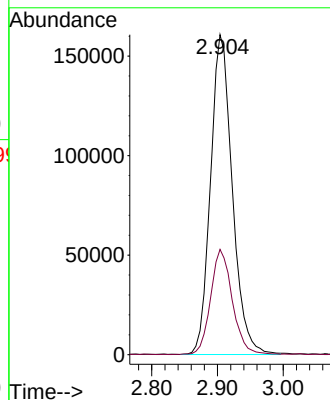
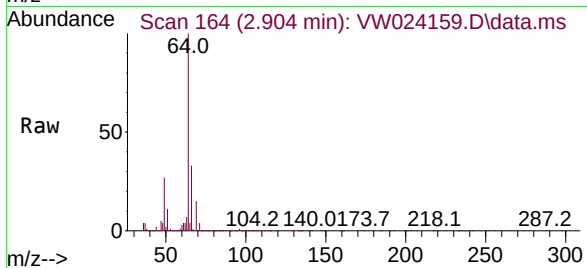




#8
Chloroethane
Concen: 114.521 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

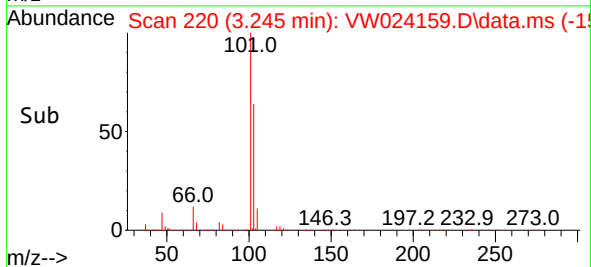
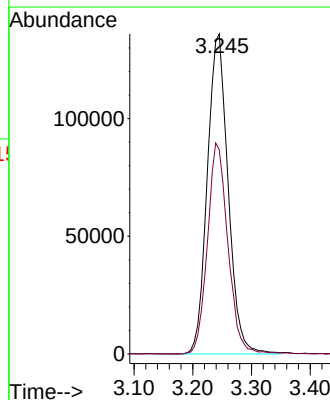
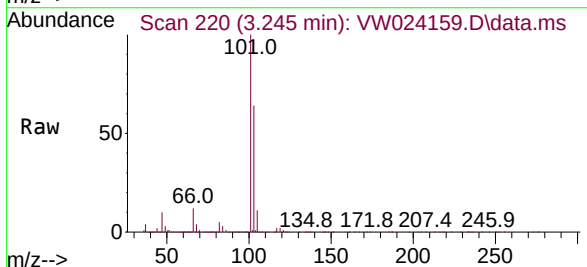
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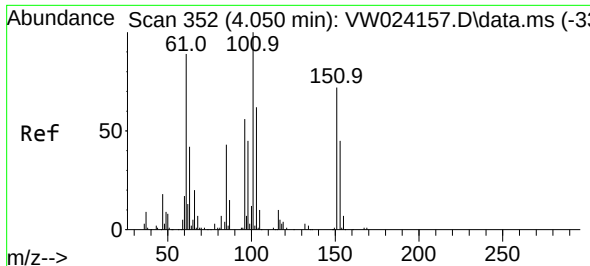
Tgt Ion: 64 Resp: 370310
Ion Ratio Lower Upper
64 100
66 32.9 21.6 40.0



#9
Trichlorofluoromethane
Concen: 95.482 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 101 Resp: 334125
Ion Ratio Lower Upper
101 100
103 64.3 50.5 75.7

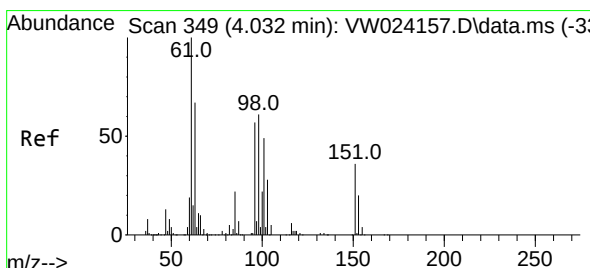
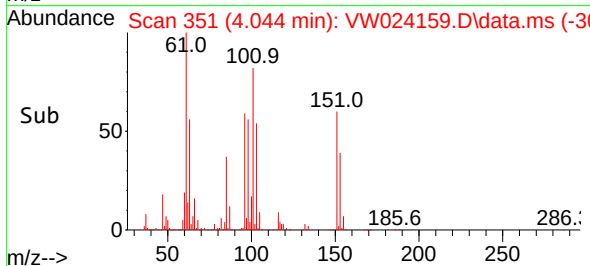
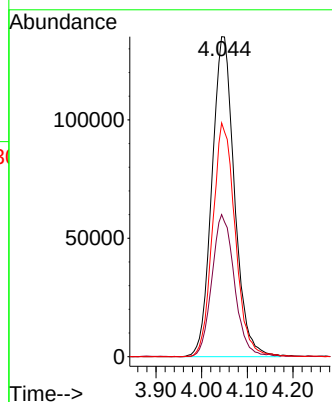
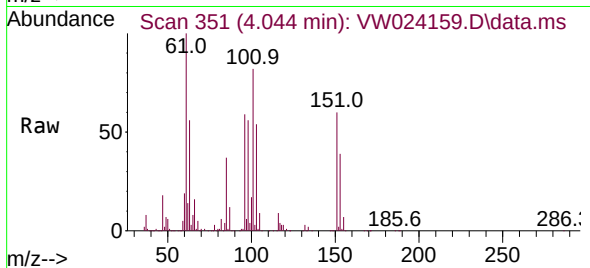




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 98.129 ug/L
RT: 4.044 min Scan# 352
Delta R.T. -0.006 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

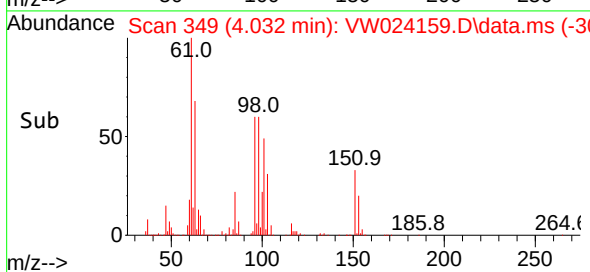
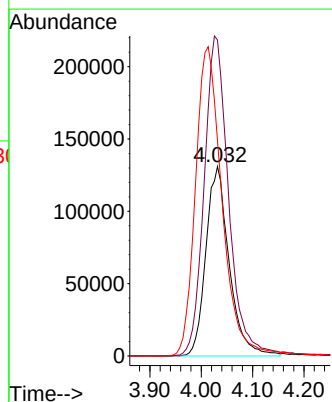
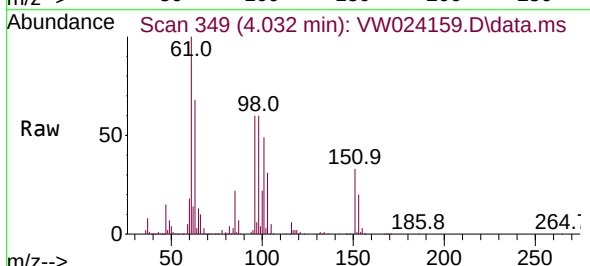
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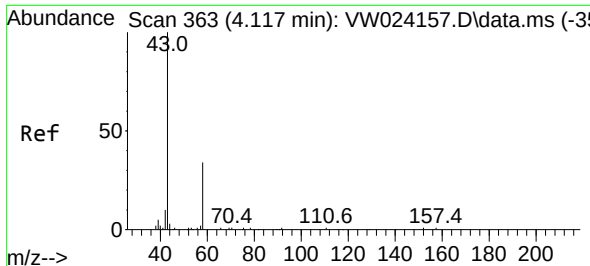
Tgt Ion:101 Resp: 463324
Ion Ratio Lower Upper
101 100
85 44.1 34.9 52.3
151 73.1 57.0 85.6



#12
1,1-Dichloroethene
Concen: 106.809 ug/L
RT: 4.032 min Scan# 349
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 96 Resp: 412688
Ion Ratio Lower Upper
96 100
61 166.8 123.1 228.5
63 113.6 84.9 157.7





#13

Acetone

Concen: 5.610 ug/L

RT: 4.050 min Scan# 3

Delta R.T. -0.067 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_W

ClientSampleId :

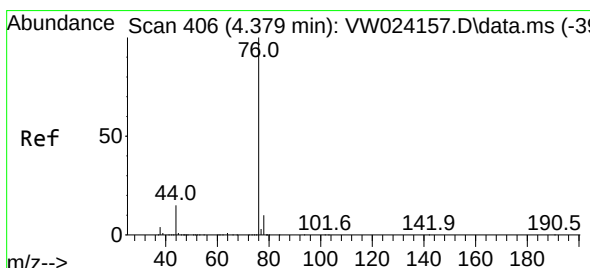
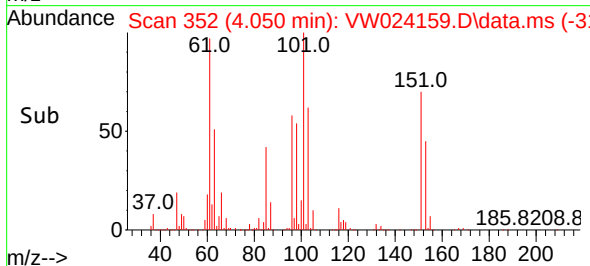
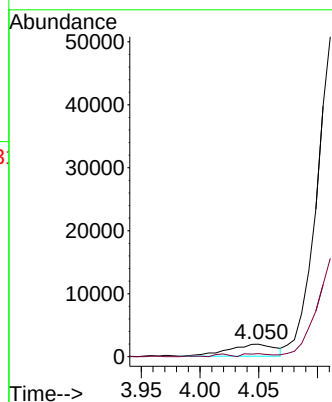
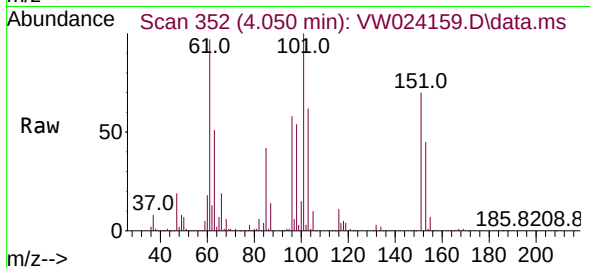
VSTD100411

Tgt Ion: 43 Resp: 5219

Ion Ratio Lower Upper

43 100

58 14.1 0.0 31.8



#14

Carbon disulfide

Concen: 101.180 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.000 min

Lab File: VW024159.D

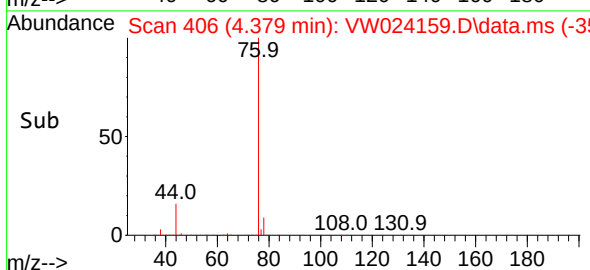
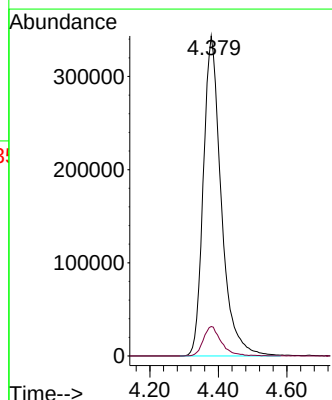
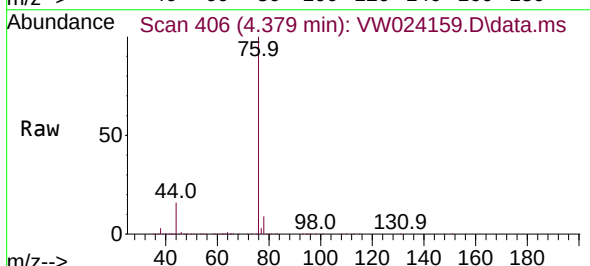
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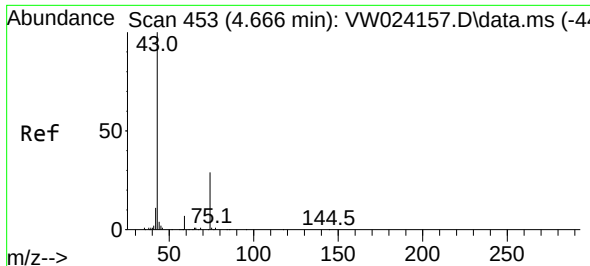
Tgt Ion: 76 Resp: 1250986

Ion Ratio Lower Upper

76 100

78 9.2 7.9 11.9

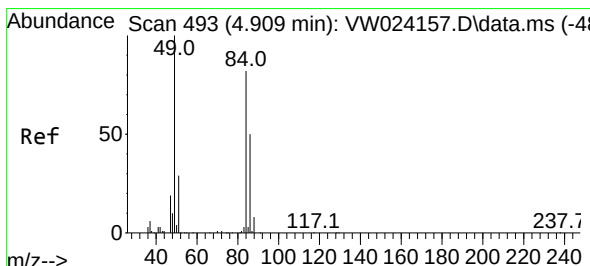
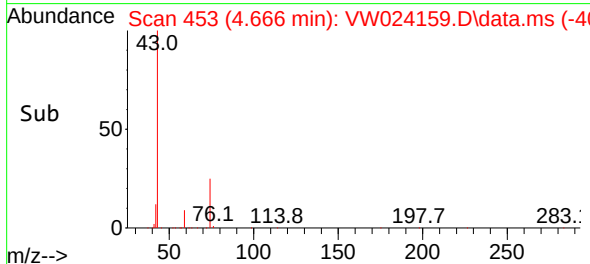
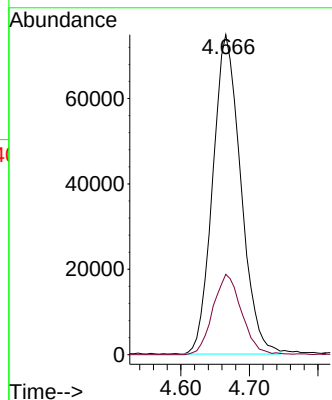
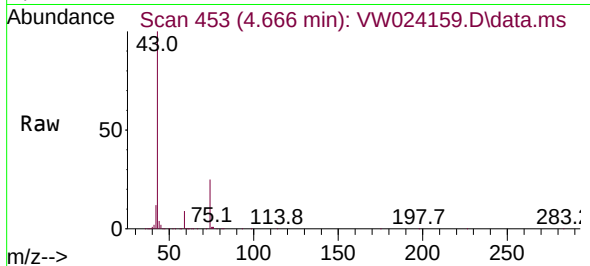




#15
Methyl Acetate
Concen: 106.427 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

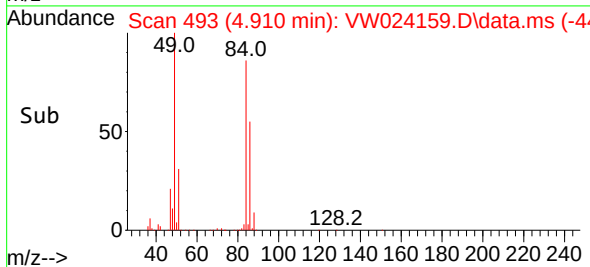
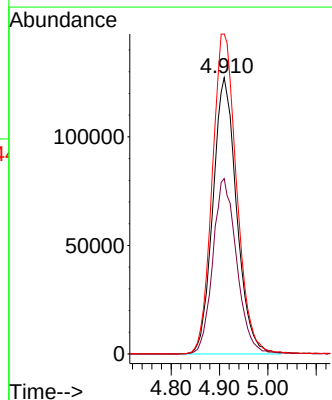
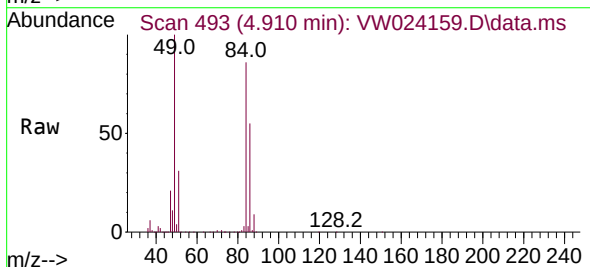
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

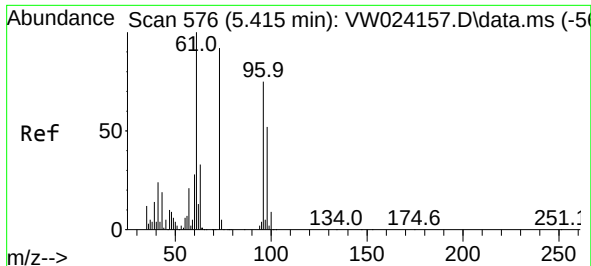
Tgt Ion: 43 Resp: 212672
Ion Ratio Lower Upper
43 100
74 25.5 21.5 32.3



#16
Methylene chloride
Concen: 76.535 ug/L
RT: 4.910 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 84 Resp: 433765
Ion Ratio Lower Upper
84 100
86 63.5 42.8 79.6
49 115.8 85.3 158.3

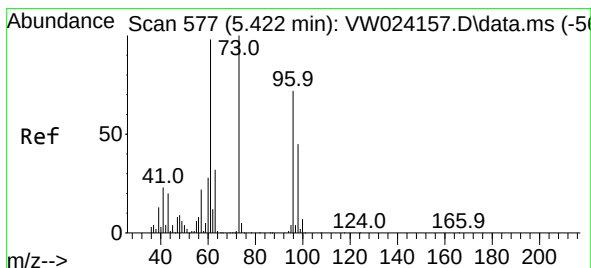
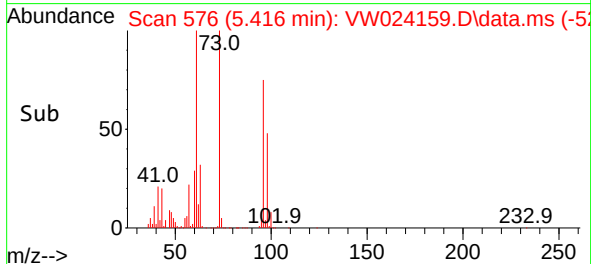
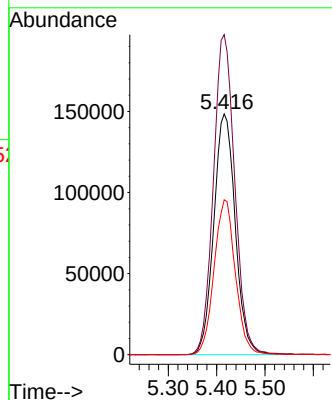
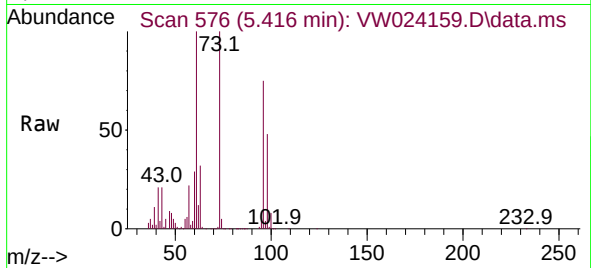




#17
trans-1,2-Dichloroethene
Concen: 102.570 ug/L
RT: 5.416 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

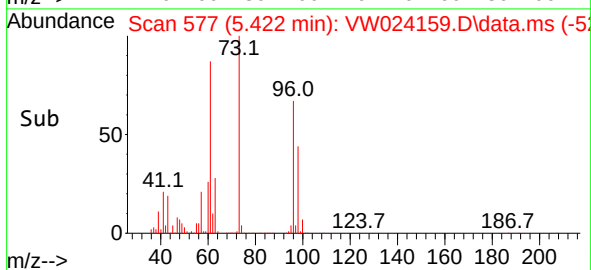
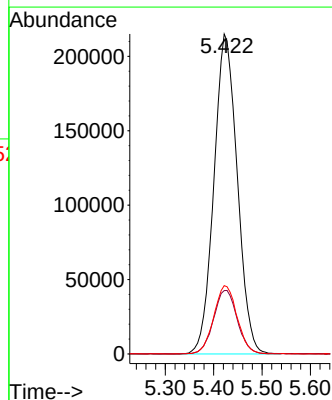
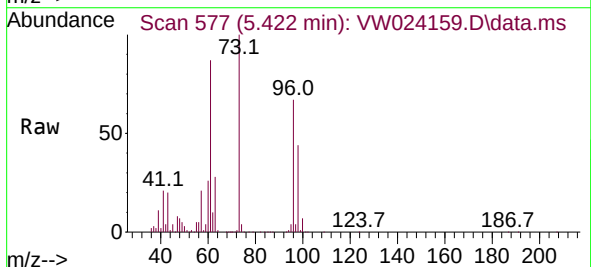
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

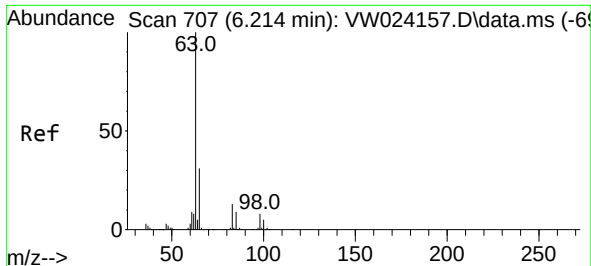
Tgt Ion: 96 Resp: 459005
Ion Ratio Lower Upper
96 100
61 132.9 93.0 172.8
98 64.3 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 113.266 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 73 Resp: 720669
Ion Ratio Lower Upper
73 100
43 20.2 16.6 24.8
57 21.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 98.409 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD100411

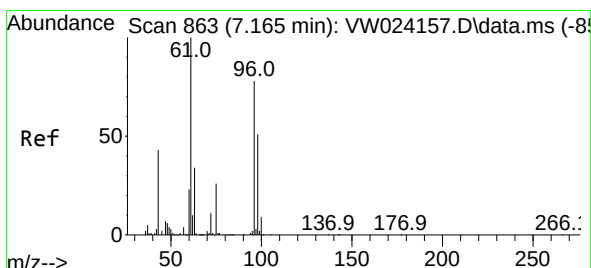
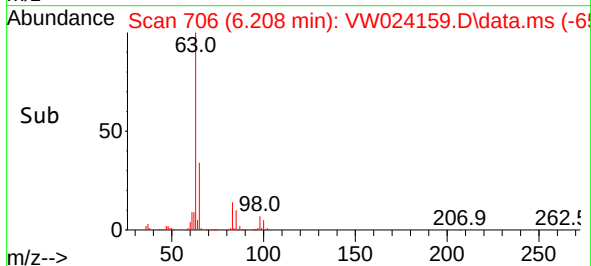
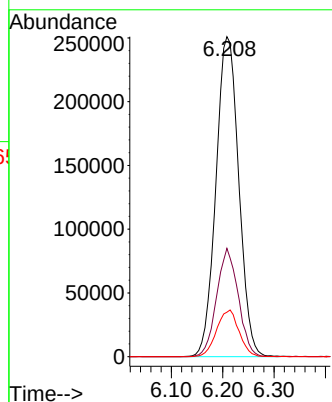
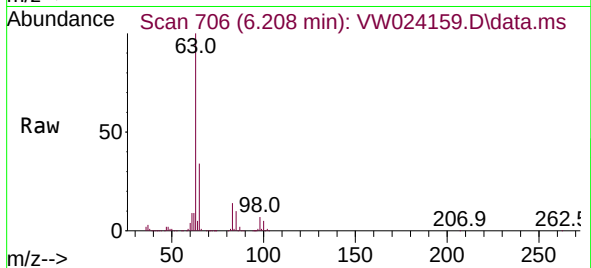
Tgt Ion: 63 Resp: 773487

Ion Ratio Lower Upper

63 100

65 33.8 22.0 41.0

83 13.9 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 105.296 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

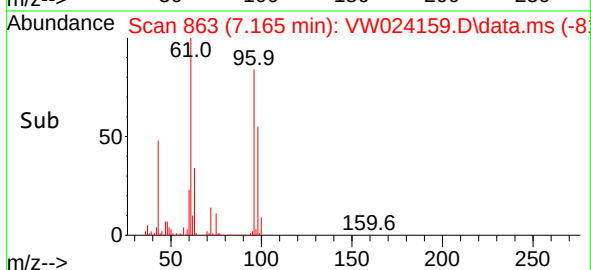
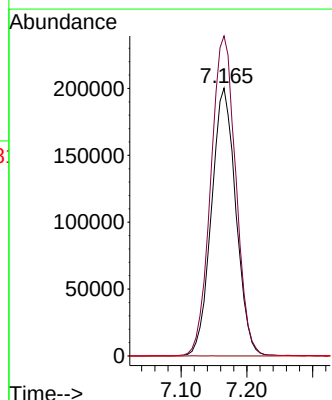
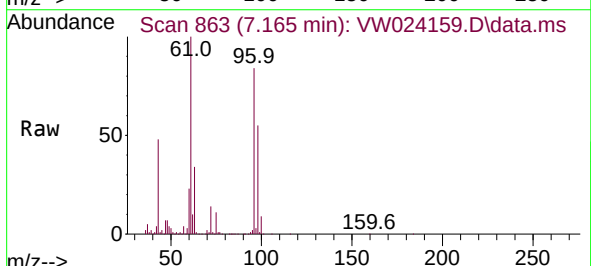
Tgt Ion: 96 Resp: 516736

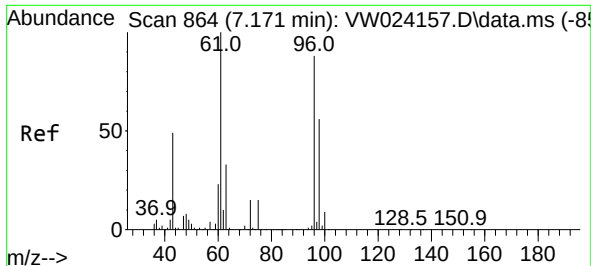
Ion Ratio Lower Upper

96 100

61 119.5 89.5 166.3

68 0.0 0.1 0.1#

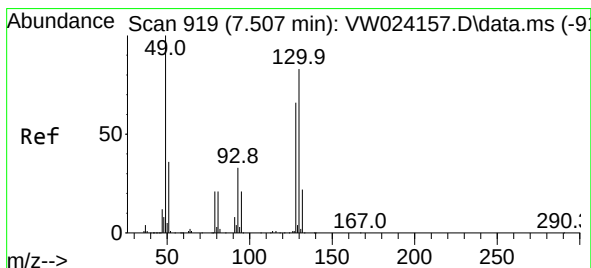
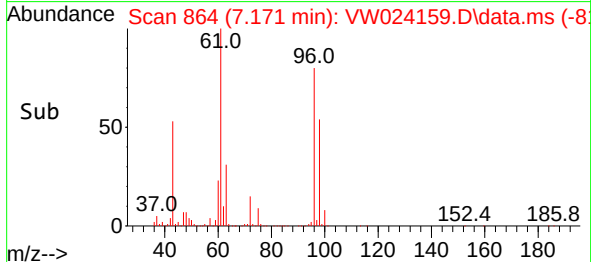
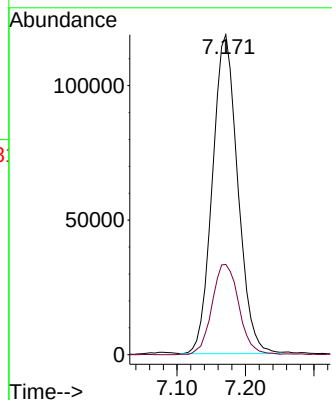
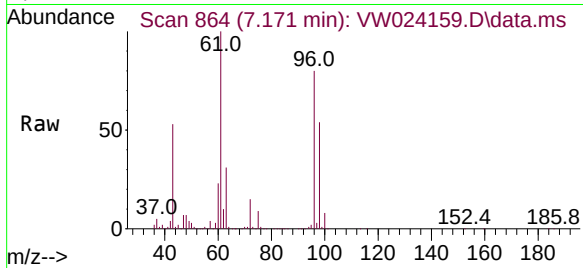




#22
2-Butanone
Concen: 191.681 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

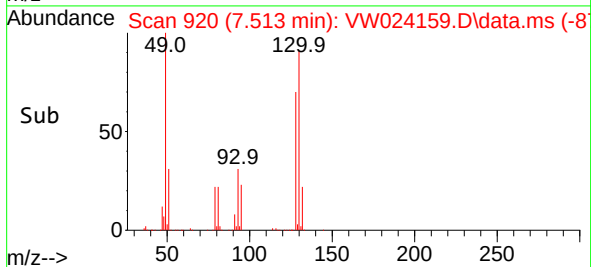
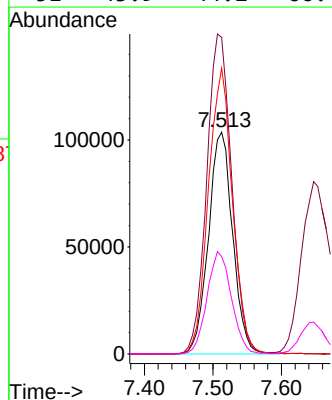
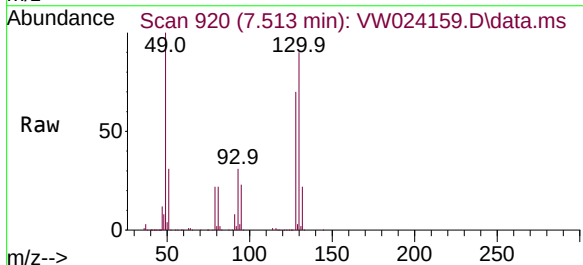
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

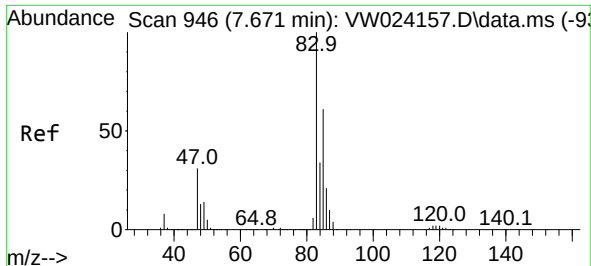
Tgt Ion: 43 Resp: 304472
Ion Ratio Lower Upper
43 100
72 30.0 14.3 42.9



#23
Bromochloromethane
Concen: 104.279 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 128 Resp: 254485
Ion Ratio Lower Upper
128 100
49 142.7 106.6 198.0
130 128.9 88.1 163.5
51 43.9 44.2 66.4#

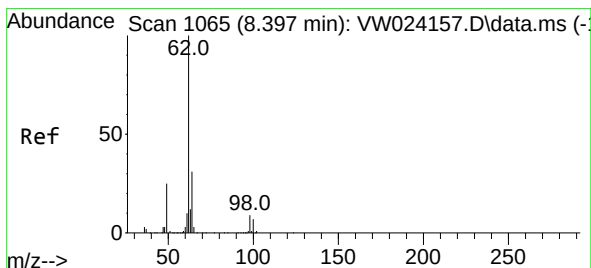
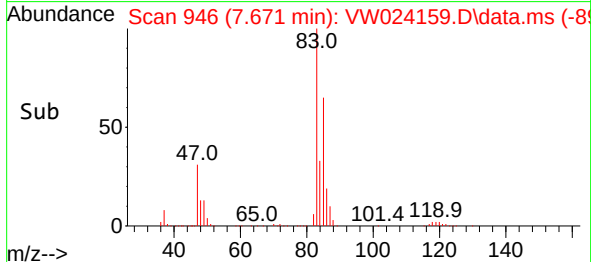
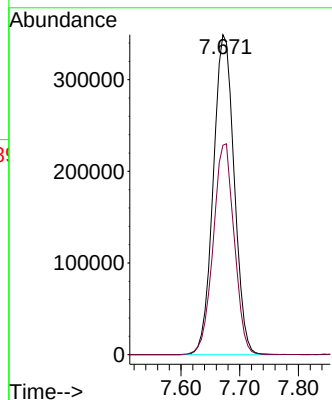
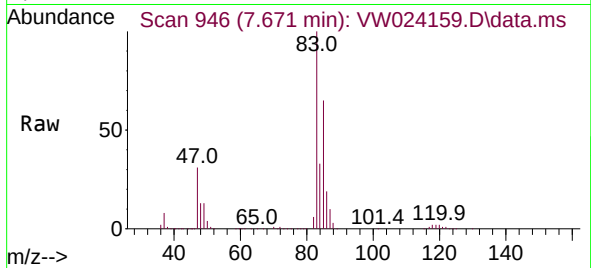




#25
Chloroform
Concen: 99.519 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

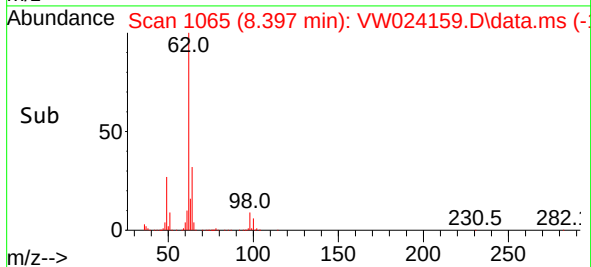
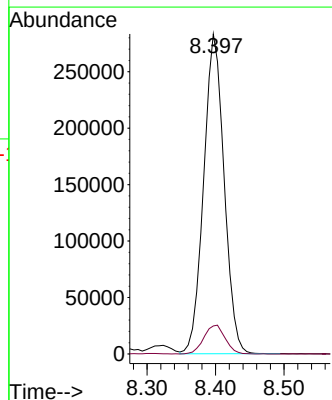
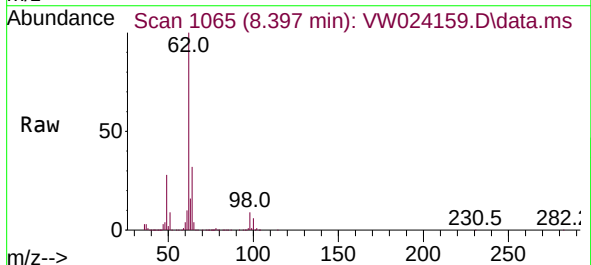
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

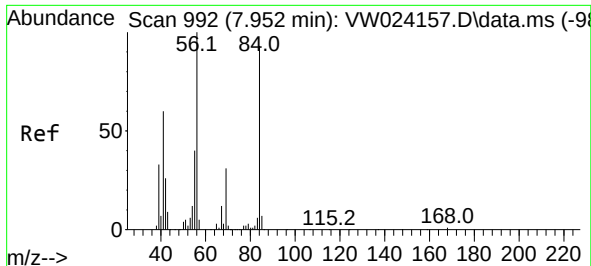
Tgt Ion: 83 Resp: 861946
Ion Ratio Lower Upper
83 100
85 65.5 42.9 79.7



#27
1,2-Dichloroethane
Concen: 101.122 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 62 Resp: 589340
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0

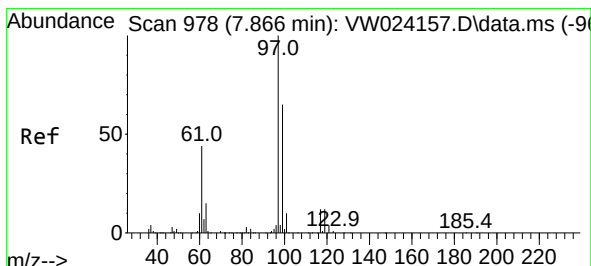
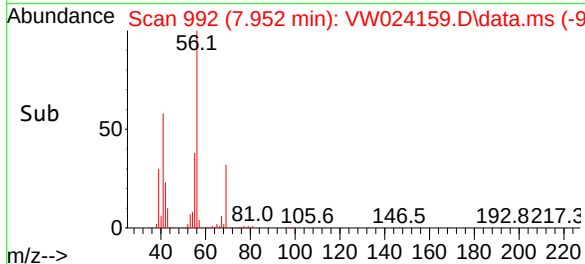
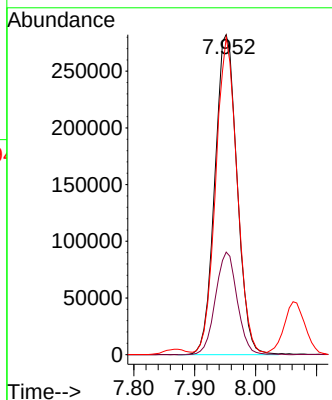
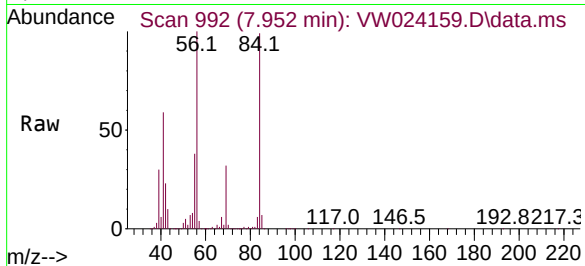




#29
Cyclohexane
Concen: 112.142 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

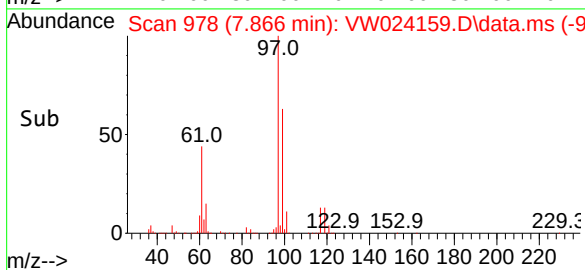
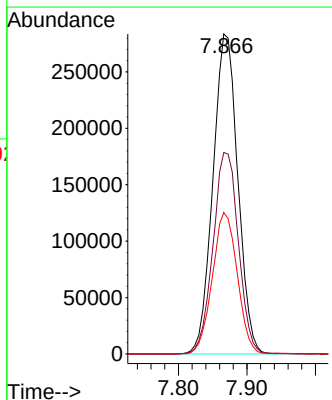
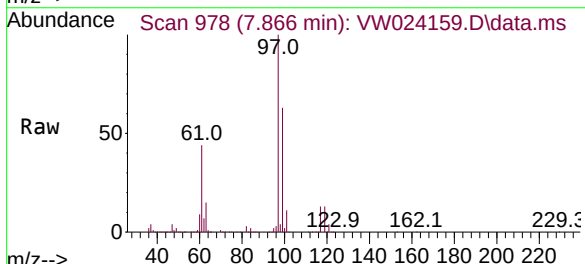
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

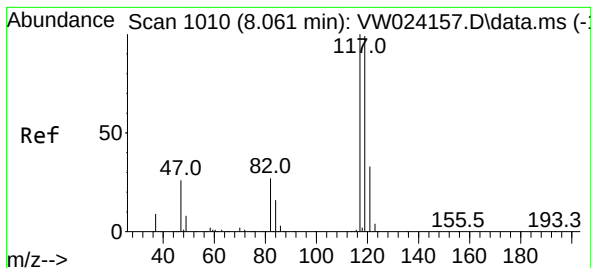
Tgt Ion: 56 Resp: 713862
Ion Ratio Lower Upper
56 100
69 31.3 24.5 36.7
84 95.9 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 102.043 ug/L
RT: 7.866 min Scan# 978
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 97 Resp: 714521
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 44.3 36.2 54.2

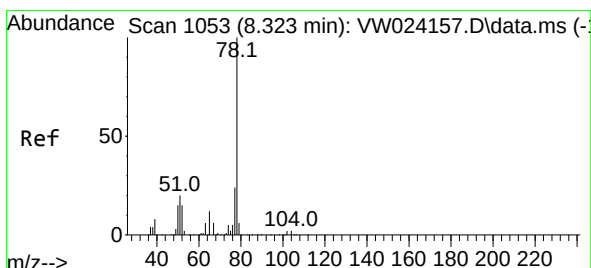
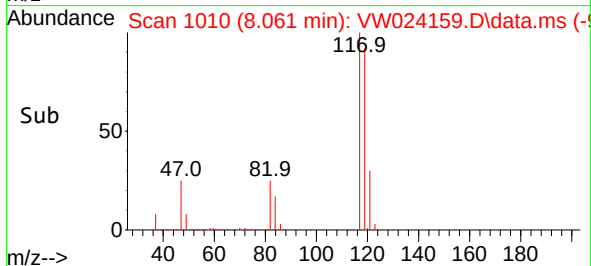
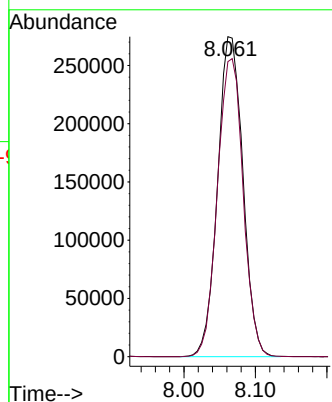
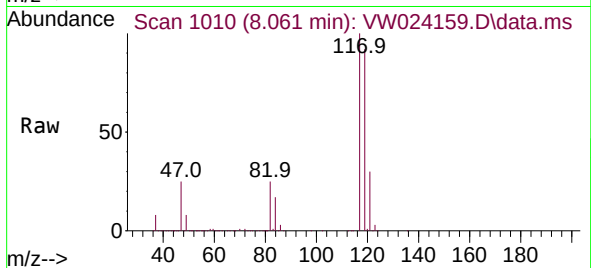




#31
Carbon tetrachloride
Concen: 102.197 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

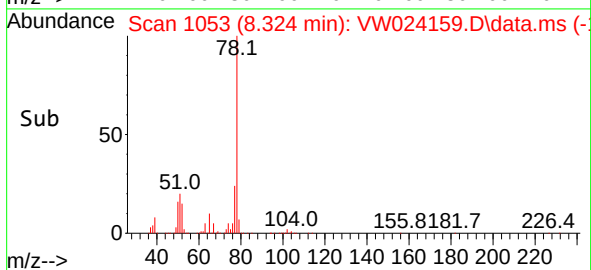
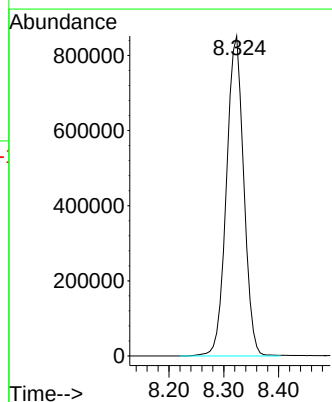
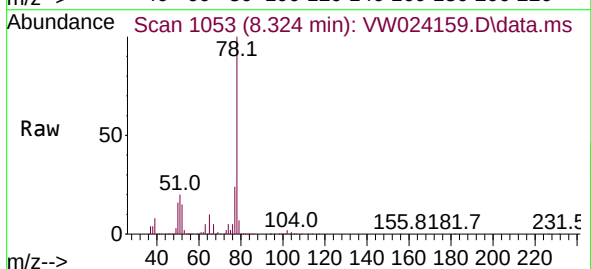
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

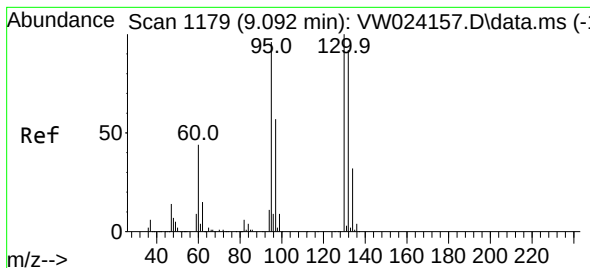
Tgt Ion:117 Resp: 675102
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.8



#33
Benzene
Concen: 101.978 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 78 Resp: 1870138





#34

Trichloroethene

Concen: 101.755 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD100411

Tgt Ion: 95 Resp: 493224

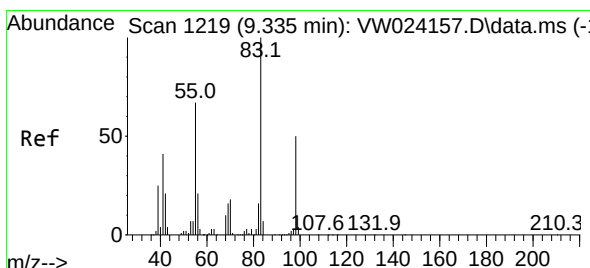
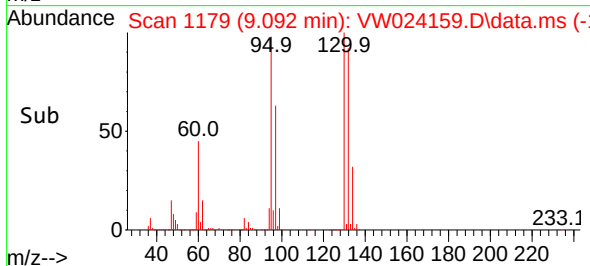
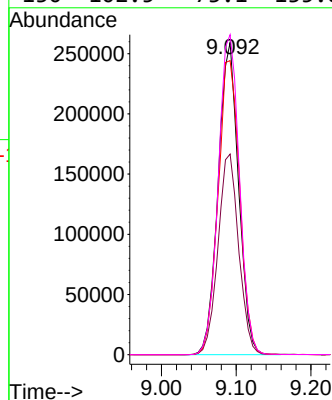
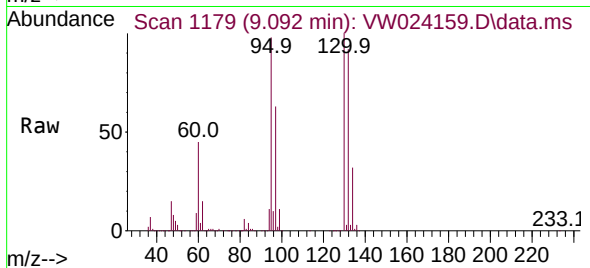
Ion Ratio Lower Upper

95 100

97 64.2 41.6 77.2

132 94.2 67.0 124.4

130 102.5 73.1 135.8



#35

Methylcyclohexane

Concen: 110.741 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

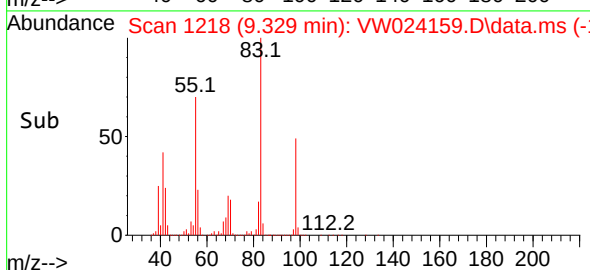
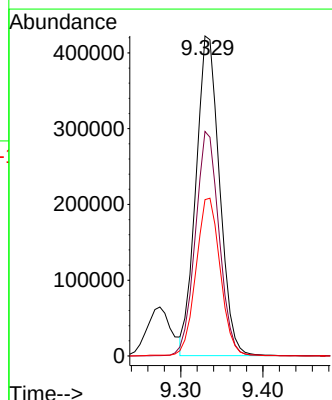
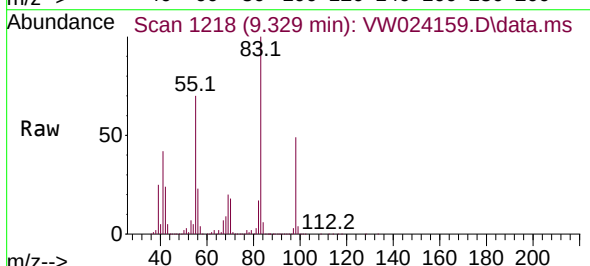
Tgt Ion: 83 Resp: 841752

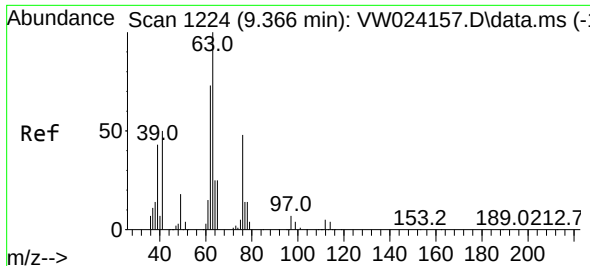
Ion Ratio Lower Upper

83 100

55 70.8 59.1 88.7

98 51.0 40.8 61.2





#37

1,2-Dichloropropane

Concen: 101.085 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_W

ClientSampleId :

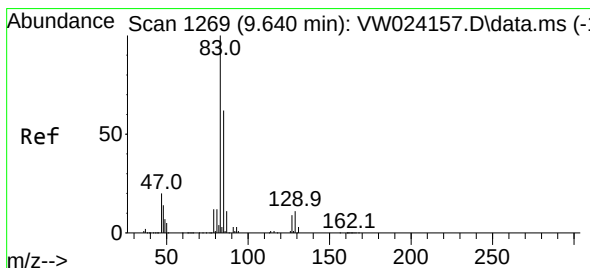
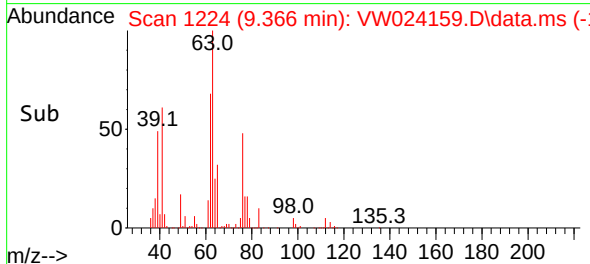
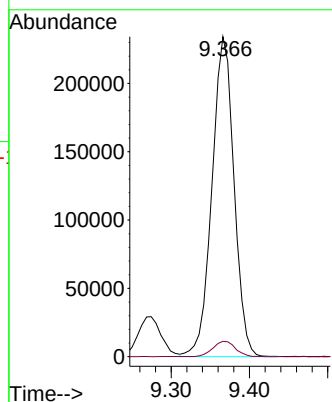
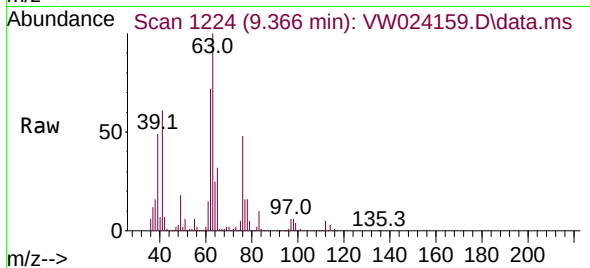
VSTD100411

Tgt Ion: 63 Resp: 458244

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.6



#38

Bromodichloromethane

Concen: 104.863 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

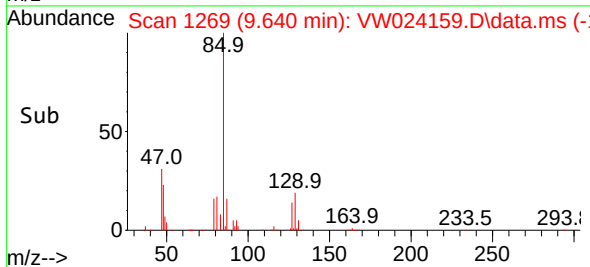
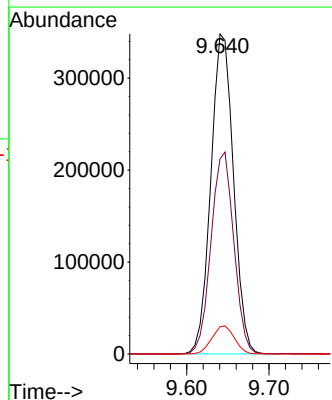
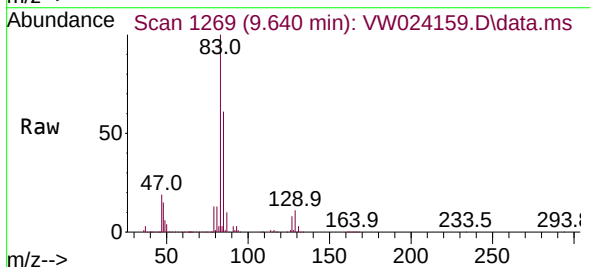
Tgt Ion: 83 Resp: 666734

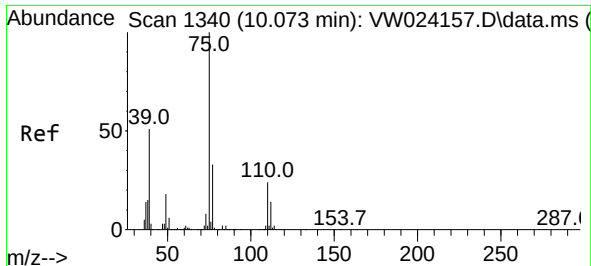
Ion Ratio Lower Upper

83 100

85 60.9 43.7 81.1

127 8.5 6.9 10.3

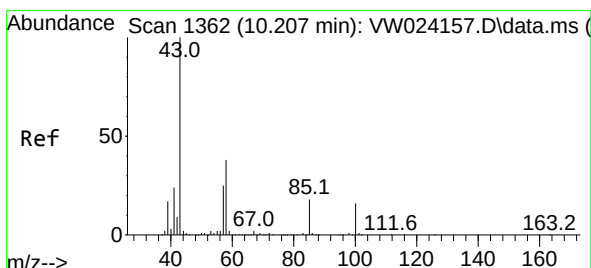
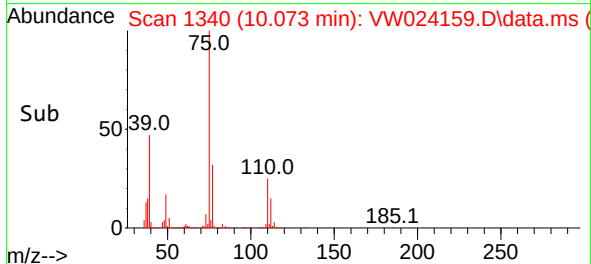
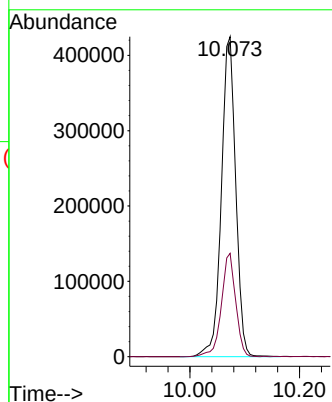
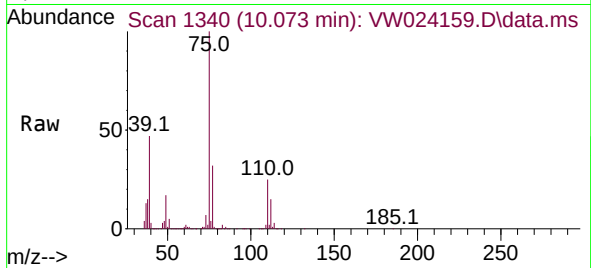




#39
 cis-1,3-Dichloropropene
 Concen: 115.989 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024159.D
 Acq: 04 Aug 2022 10:59

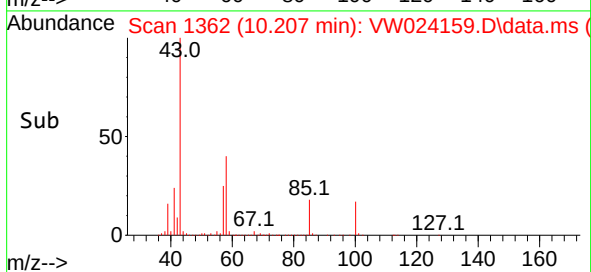
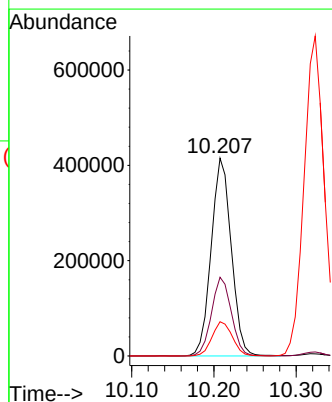
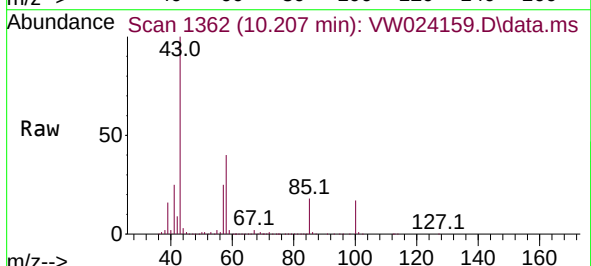
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100411

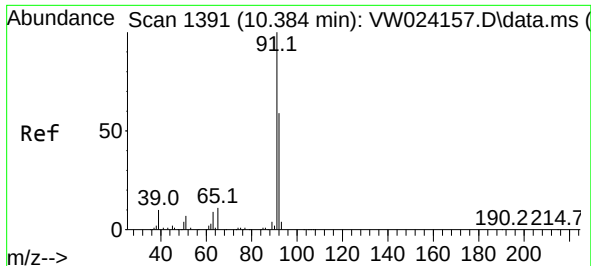
Tgt Ion: 75 Resp: 773562
 Ion Ratio Lower Upper
 75 100
 77 32.3 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 234.120 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024159.D
 Acq: 04 Aug 2022 10:59

Tgt Ion: 43 Resp: 704371
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.5 45.7
 100 17.5 13.8 20.6

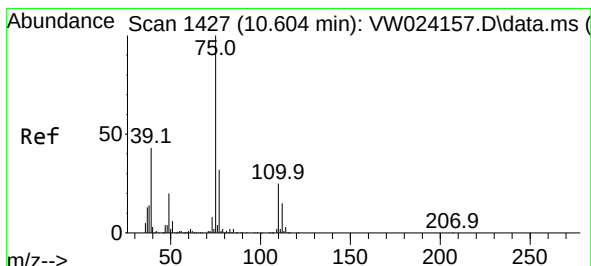
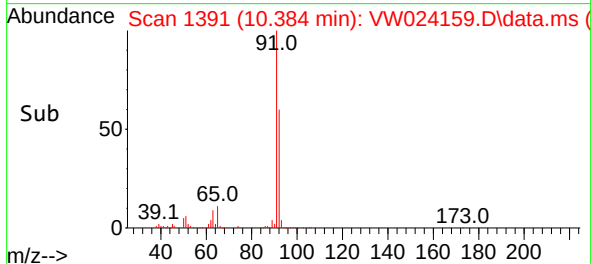
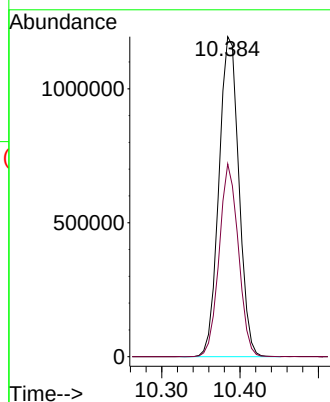
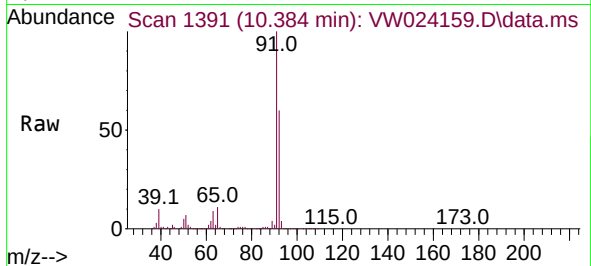




#42
Toluene
Concen: 108.431 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

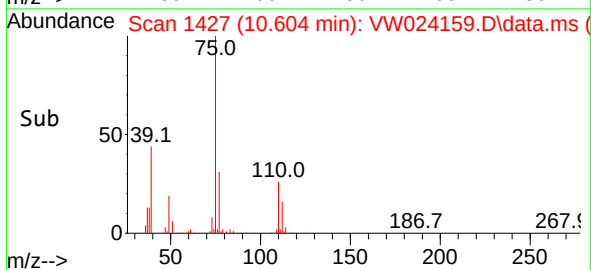
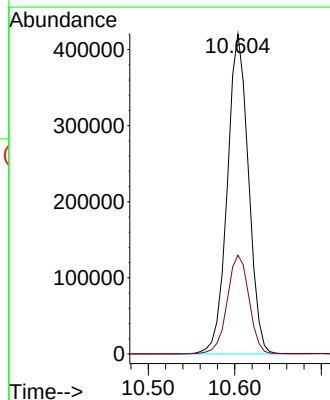
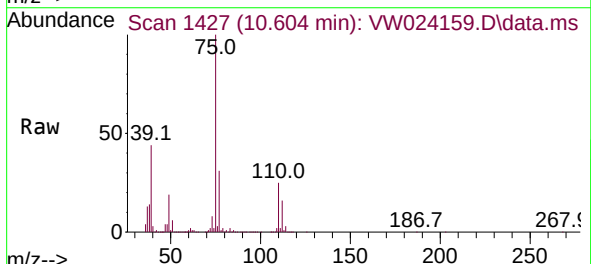
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

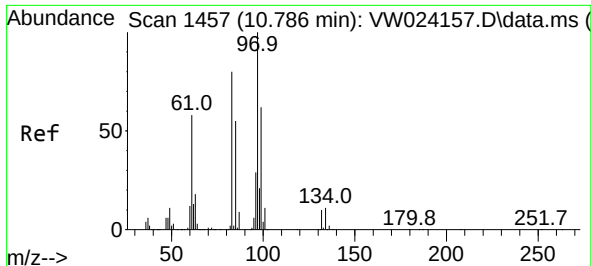
Tgt Ion: 91 Resp: 2113069
Ion Ratio Lower Upper
91 100
92 60.2 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 117.062 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 75 Resp: 713374
Ion Ratio Lower Upper
75 100
77 30.8 22.4 41.6

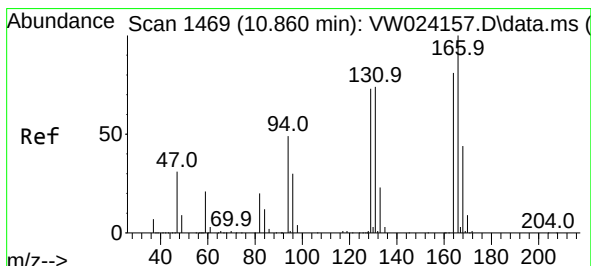
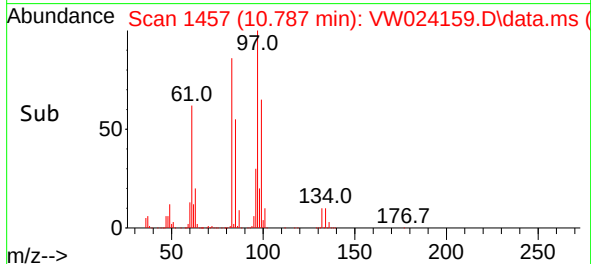
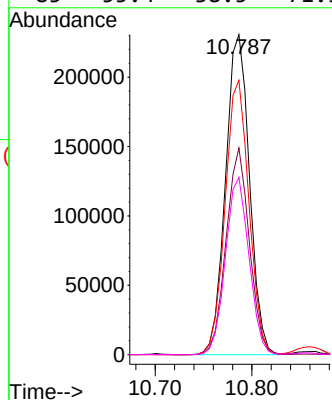
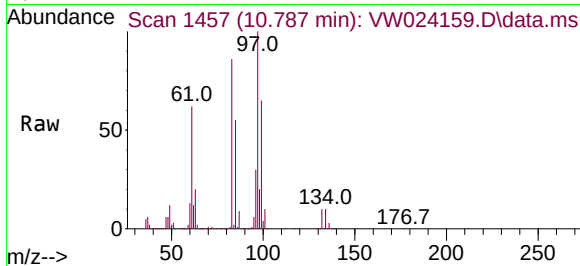




#45
1,1,2-Trichloroethane
Concen: 103.830 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

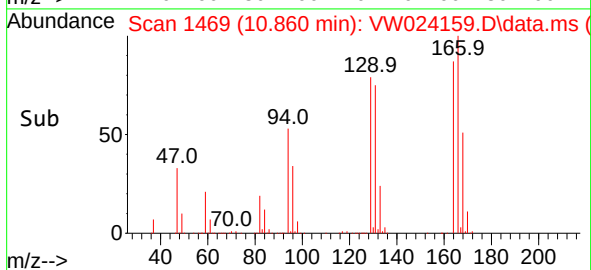
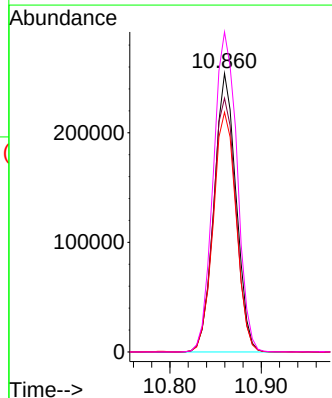
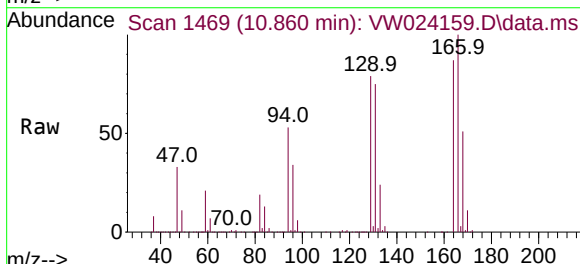
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

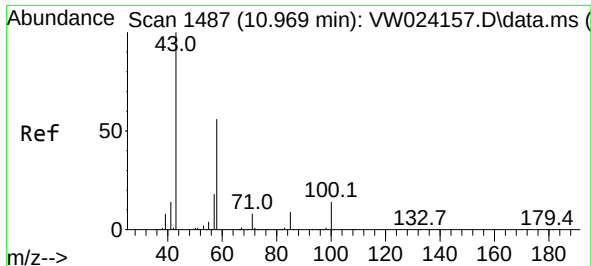
Tgt Ion:	97	Resp:	396722
Ion	Ratio	Lower	Upper
97	100		
99	64.6	43.8	81.3
83	85.8	56.4	104.7
85	55.4	38.5	71.5



#46
Tetrachloroethene
Concen: 108.504 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion:	164	Resp:	425784
Ion	Ratio	Lower	Upper
164	100		
129	91.1	63.1	117.3
131	86.0	63.9	118.7
166	114.9	86.8	161.2

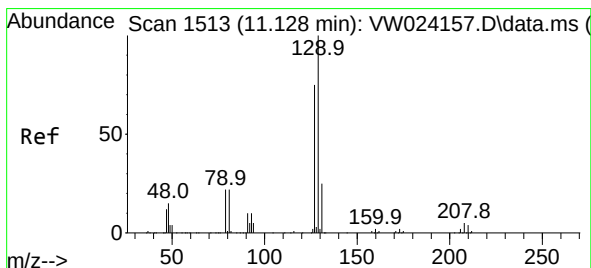
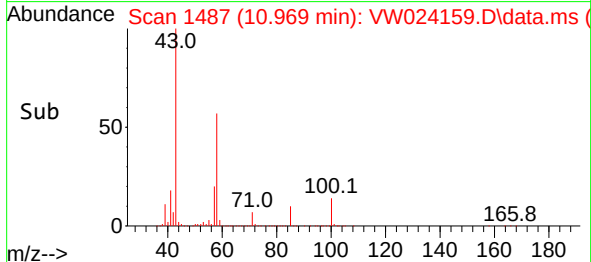
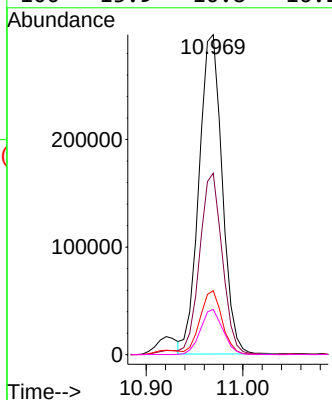
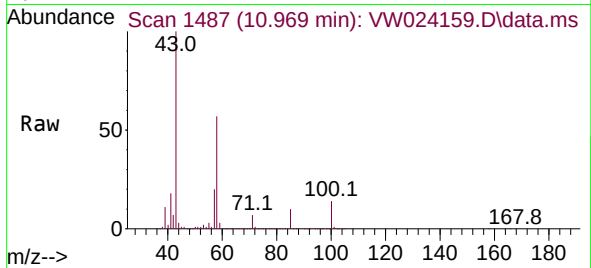




#48
2-Hexanone
Concen: 242.458 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

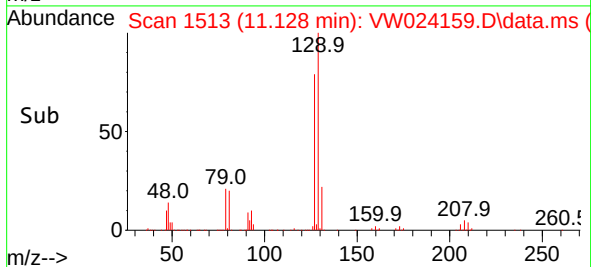
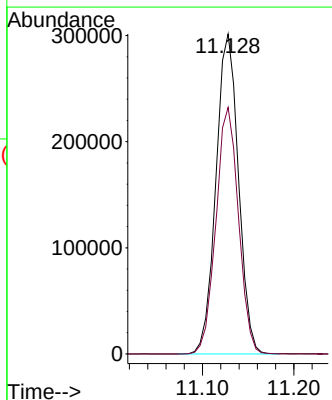
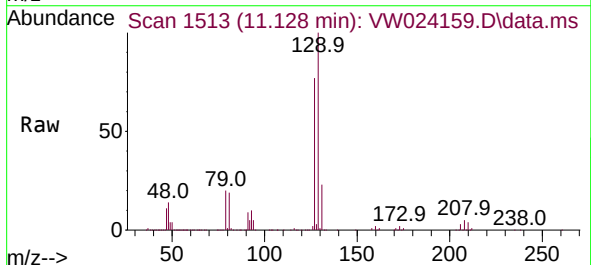
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

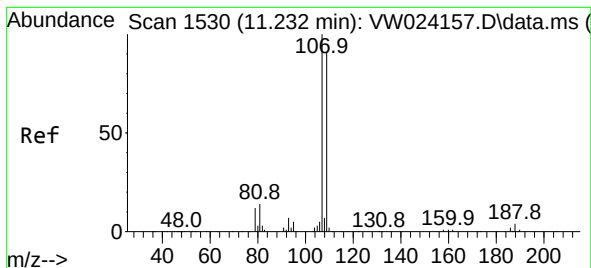
Tgt Ion: 43 Resp: 495048
Ion Ratio Lower Upper
43 100
58 55.7 43.4 65.0
57 19.2 15.0 22.4
100 13.9 10.8 16.2



#49
Dibromochloromethane
Concen: 112.134 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion:129 Resp: 515799
Ion Ratio Lower Upper
129 100
127 77.0 52.3 97.1

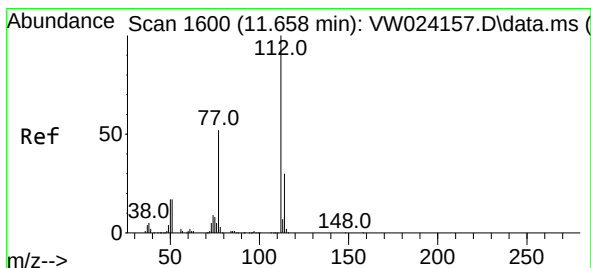
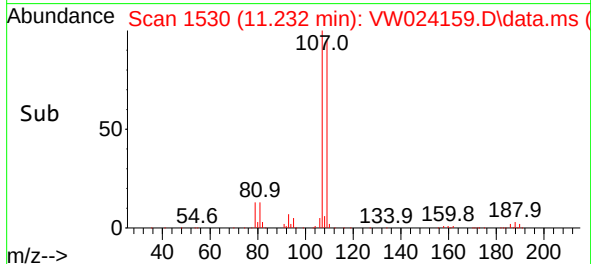
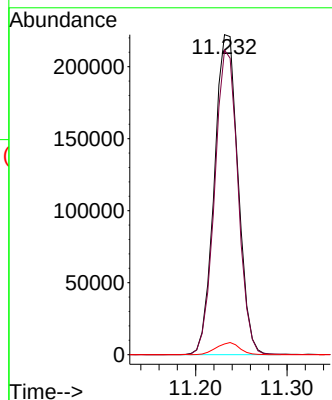
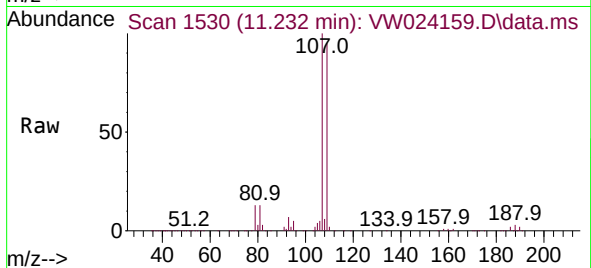




#50
1,2-Dibromoethane
Concen: 109.605 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

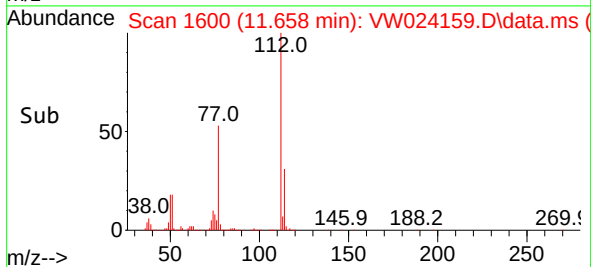
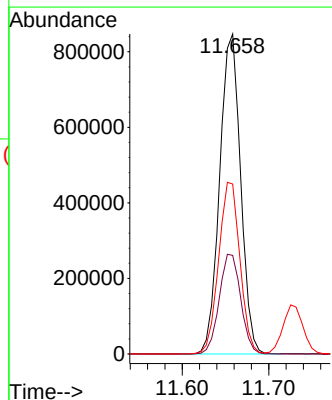
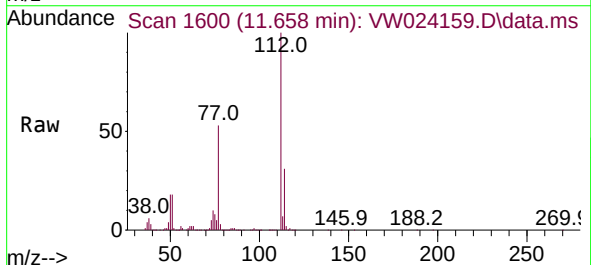
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

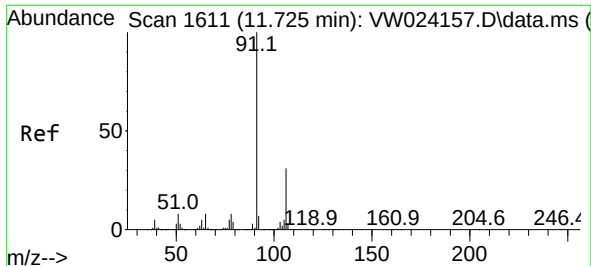
Tgt Ion:107 Resp: 401240
Ion Ratio Lower Upper
107 100
109 95.2 64.0 119.0
188 3.3 3.1 4.7



#51
Chlorobenzene
Concen: 106.812 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion:112 Resp: 1422165
Ion Ratio Lower Upper
112 100
114 30.8 20.7 38.5
77 53.1 41.4 62.2

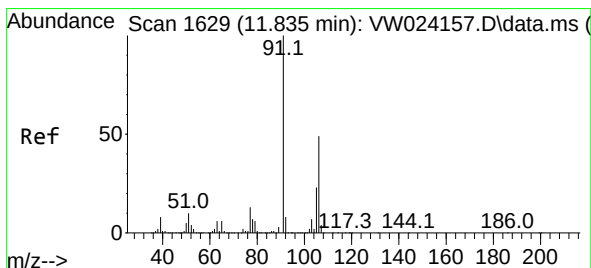
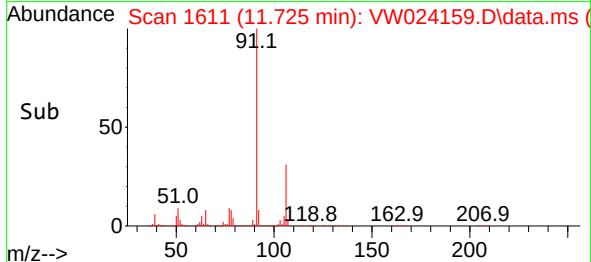
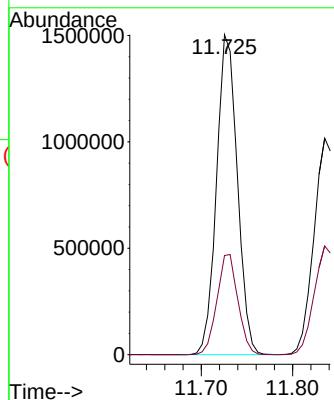
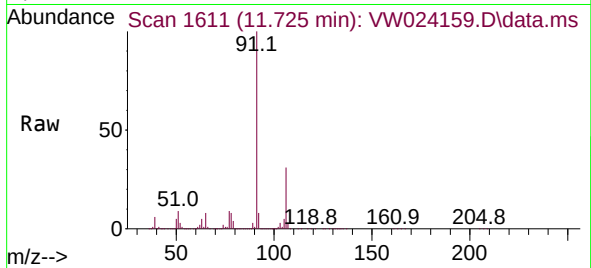




#52
Ethylbenzene
Concen: 111.549 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

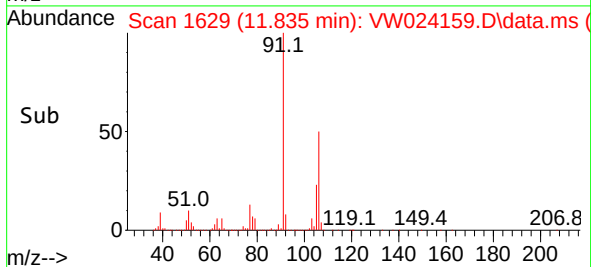
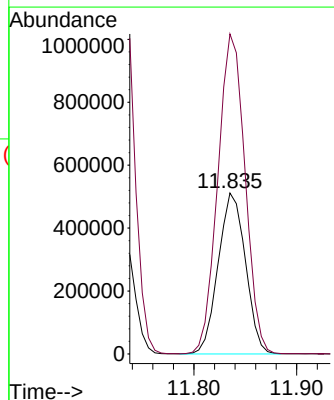
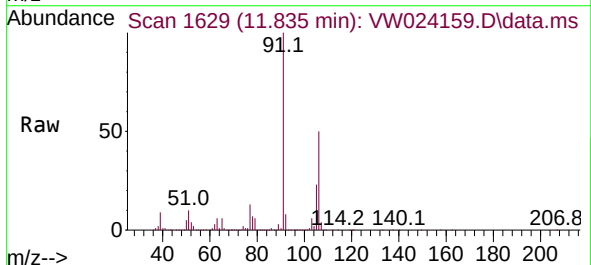
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

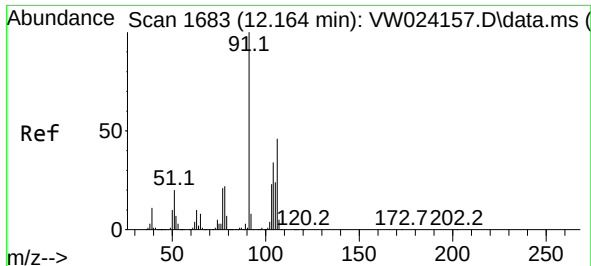
Tgt Ion: 91 Resp: 2381664
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-Xylene
Concen: 113.419 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion:106 Resp: 942619
Ion Ratio Lower Upper
106 100
91 198.8 144.1 267.7

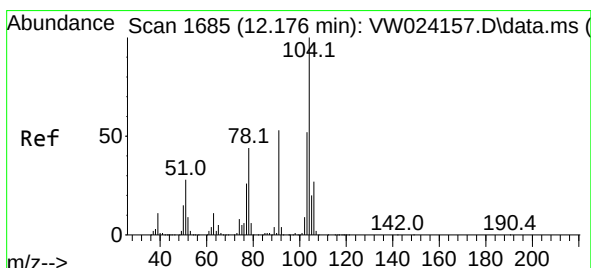
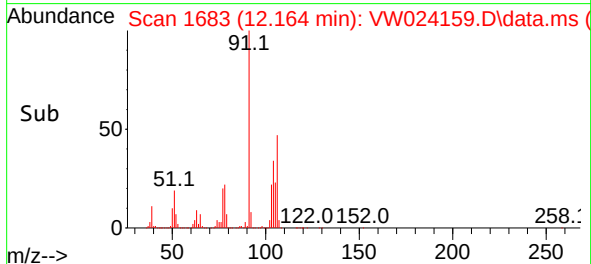
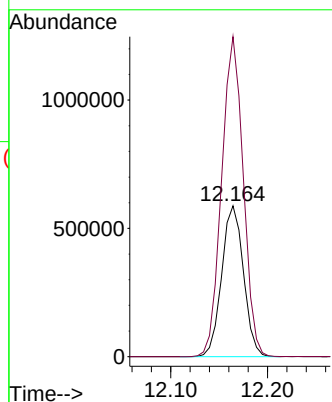
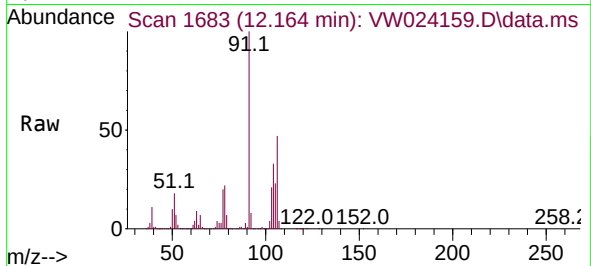




#54
o-Xylene
Concen: 116.879 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

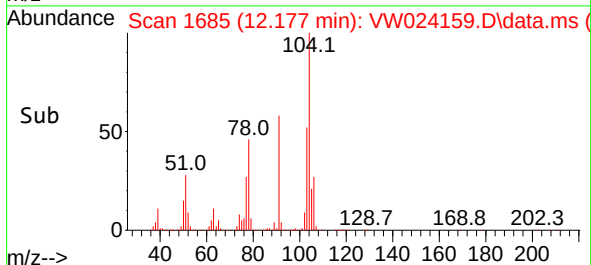
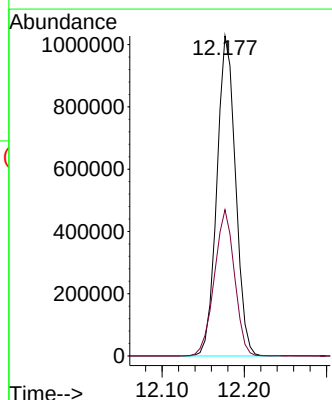
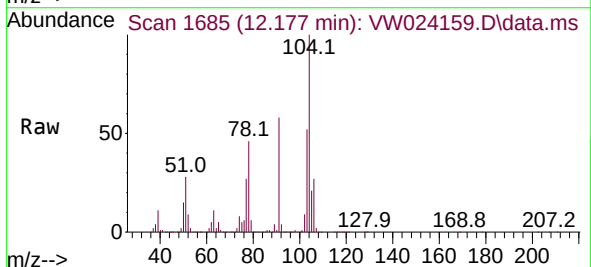
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

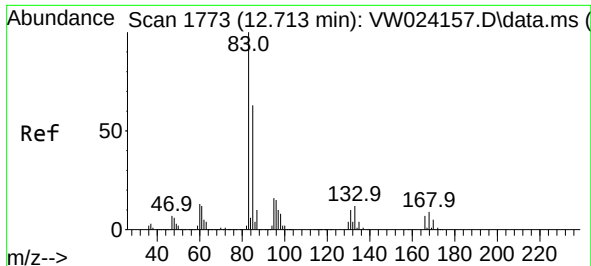
Tgt Ion:106 Resp: 917689
Ion Ratio Lower Upper
106 100
91 212.2 150.9 280.3



#55
Styrene
Concen: 118.800 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion:104 Resp: 1622298
Ion Ratio Lower Upper
104 100
78 45.7 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 106.224 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD100411

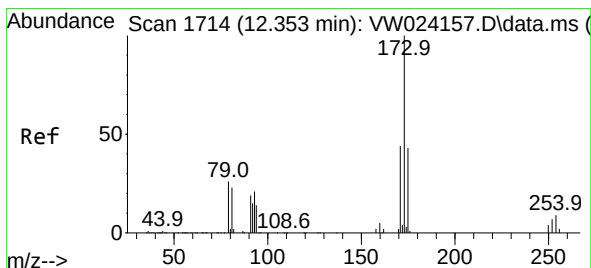
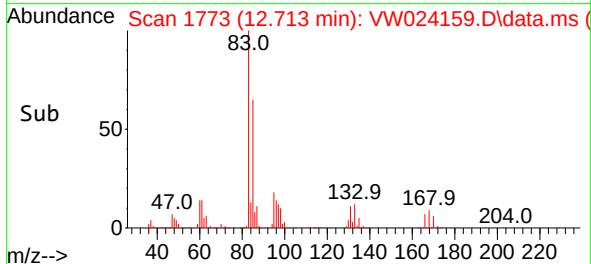
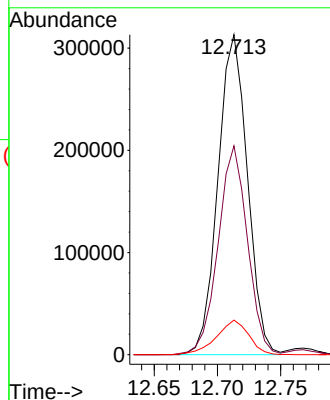
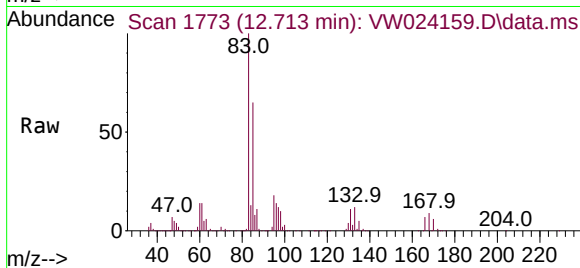
Tgt Ion: 83 Resp: 507238

Ion Ratio Lower Upper

83 100

85 65.3 44.1 81.9

131 10.8 8.3 12.5



#59

Bromoform

Concen: 112.823 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

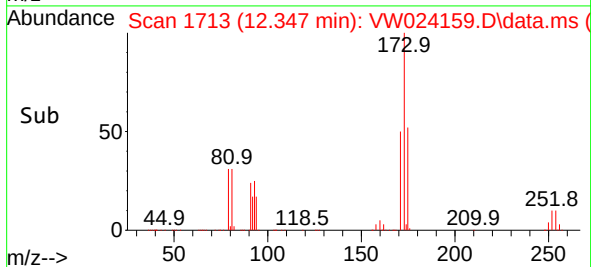
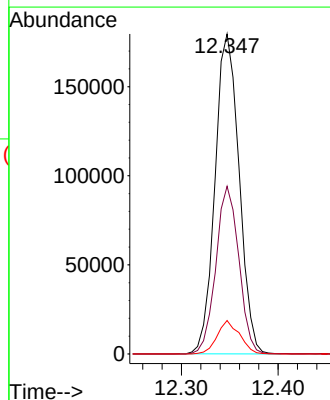
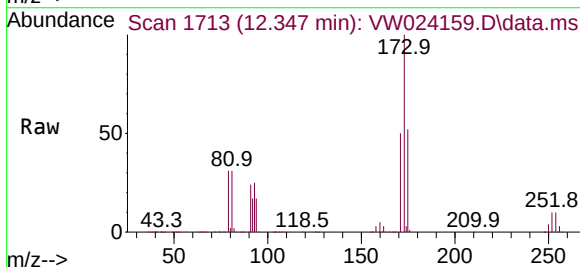
Tgt Ion:173 Resp: 309914

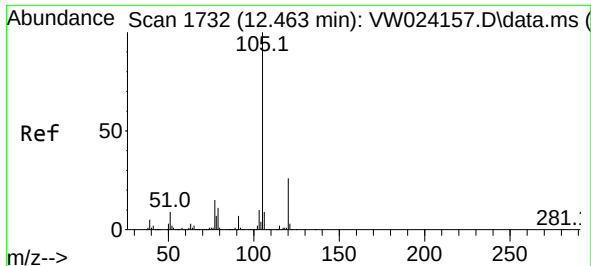
Ion Ratio Lower Upper

173 100

175 50.0 39.0 58.6

254 9.8 6.8 10.2

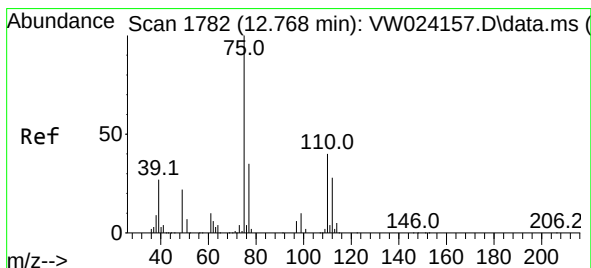
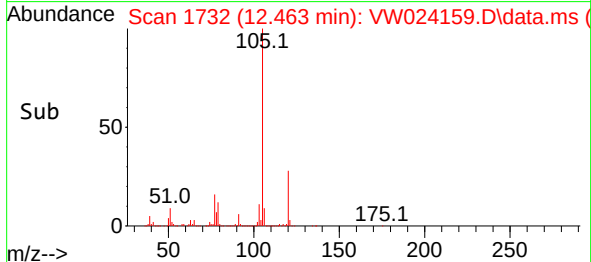
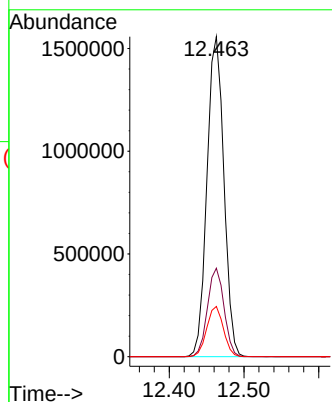
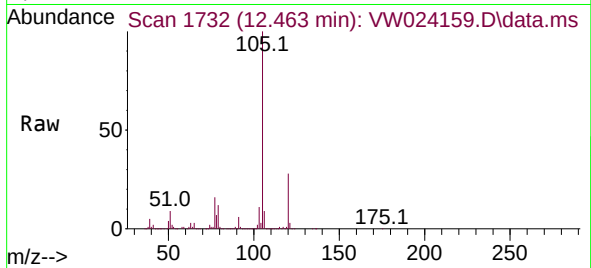




#60
Isopropylbenzene
Concen: 111.988 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

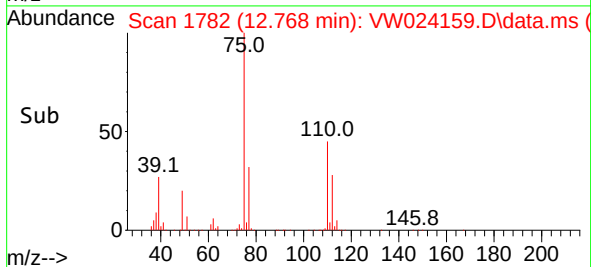
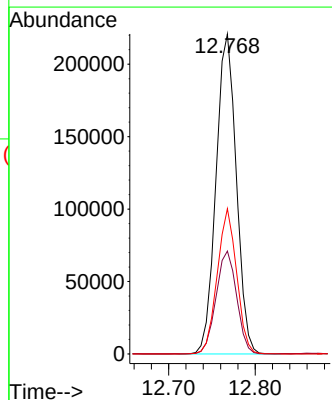
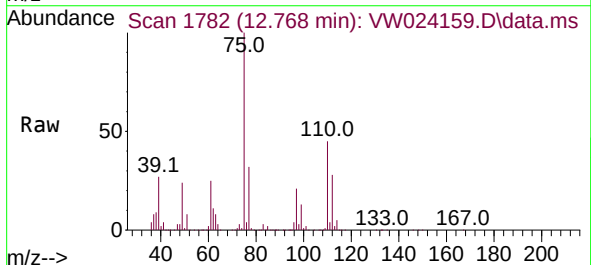
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

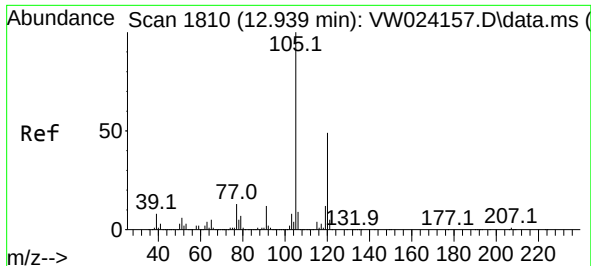
Tgt Ion:105 Resp: 2441411
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 100.325 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 75 Resp: 359558
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 43.4 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 116.697 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_W

ClientSampleId :

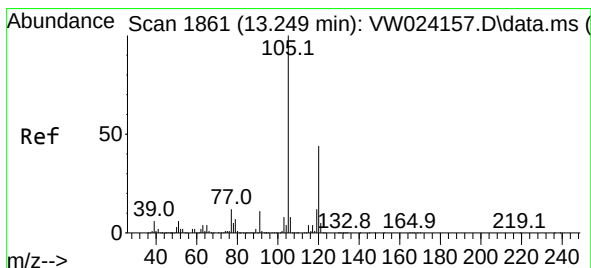
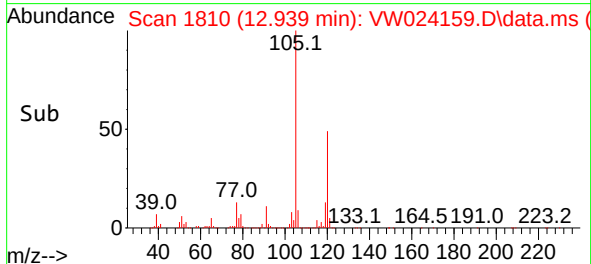
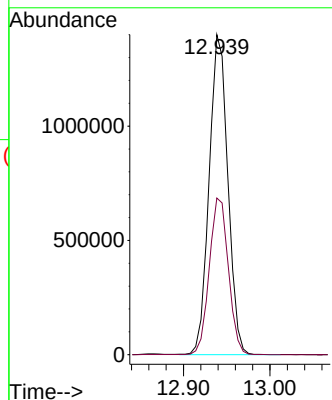
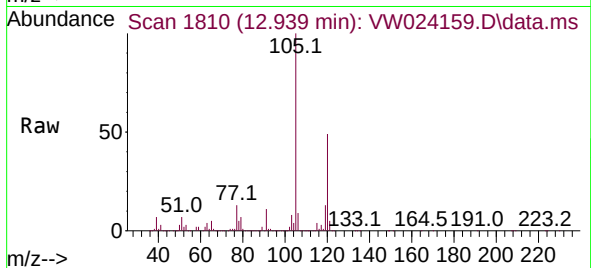
VSTD100411

Tgt Ion:105 Resp: 2102359

Ion Ratio Lower Upper

105 100

120 49.8 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 116.837 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024159.D

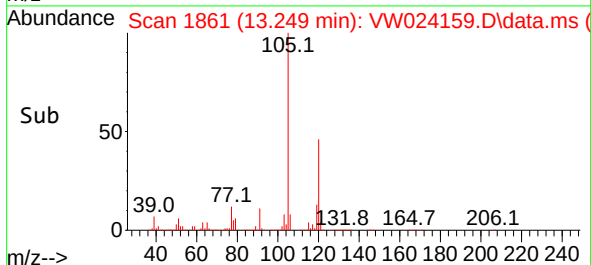
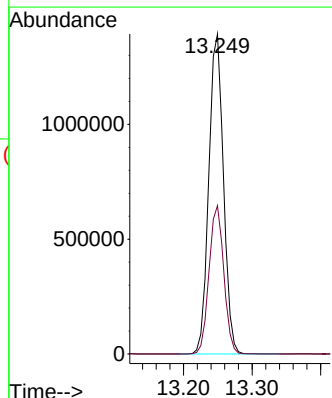
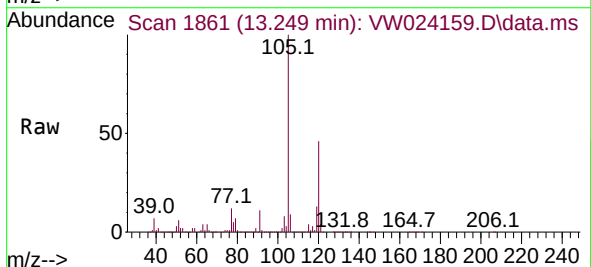
Acq: 04 Aug 2022 10:59

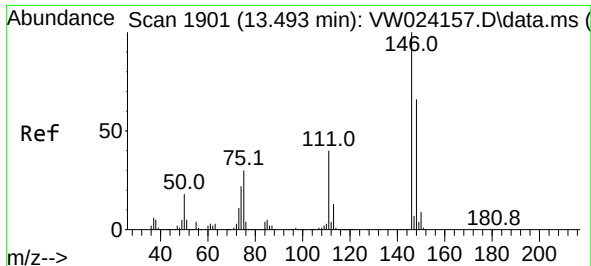
Tgt Ion:105 Resp: 2072998

Ion Ratio Lower Upper

105 100

120 46.5 36.4 54.6

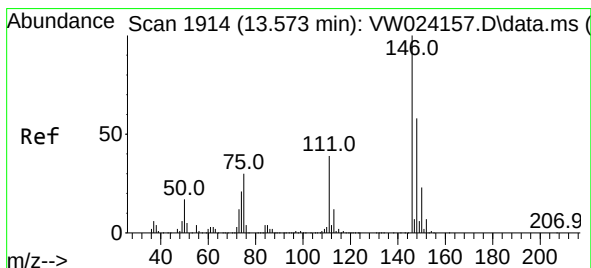
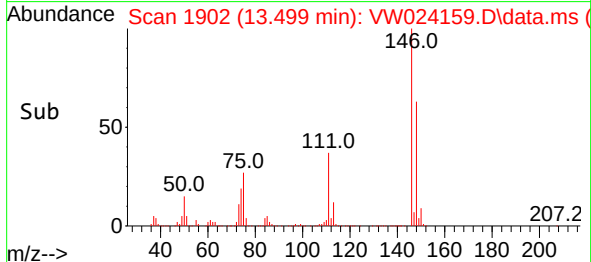
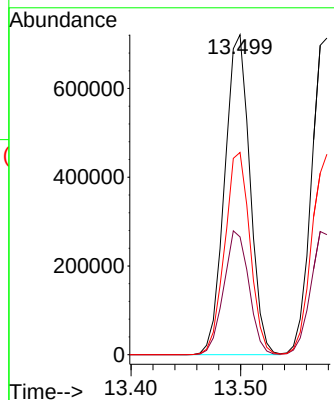
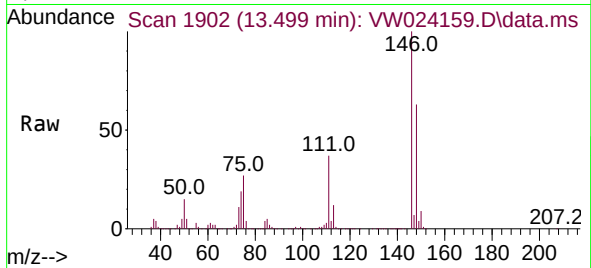




#64
1,3-Dichlorobenzene
Concen: 107.784 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

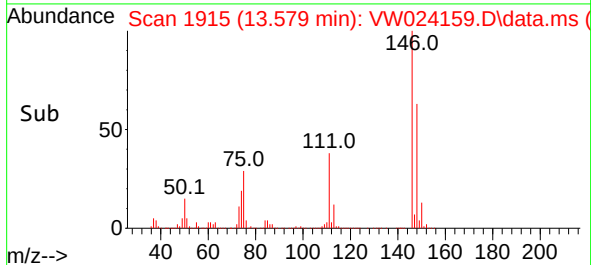
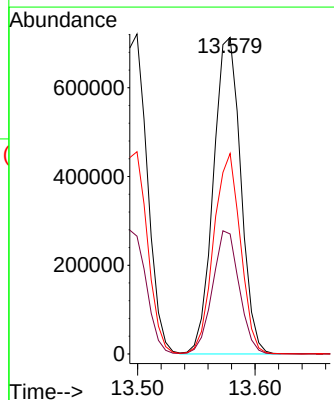
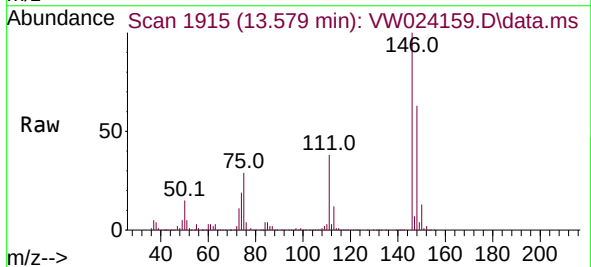
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

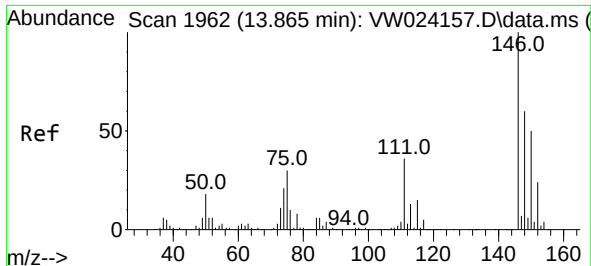
Tgt Ion:146 Resp: 1150625
Ion Ratio Lower Upper
146 100
111 36.8 28.0 52.0
148 63.2 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 102.164 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion:146 Resp: 1154895
Ion Ratio Lower Upper
146 100
111 37.9 27.6 51.4
148 63.3 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 107.543 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD100411

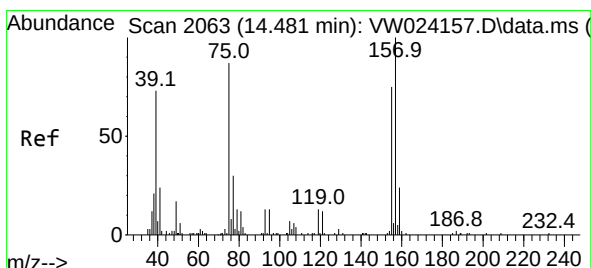
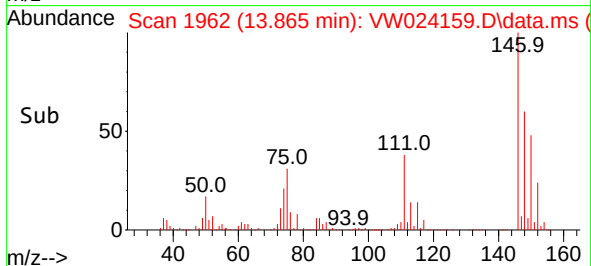
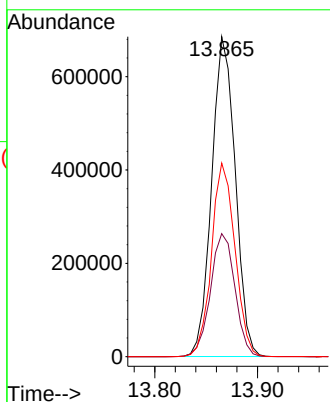
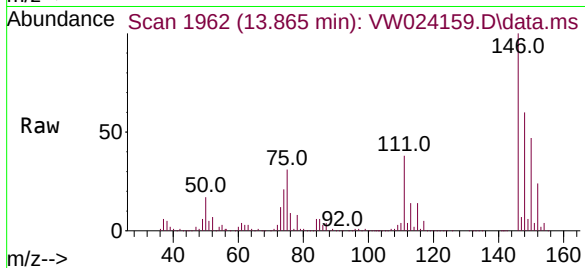
Tgt Ion:146 Resp: 1090202

Ion Ratio Lower Upper

146 100

111 38.5 29.0 43.6

148 60.5 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 99.956 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024159.D

Acq: 04 Aug 2022 10:59

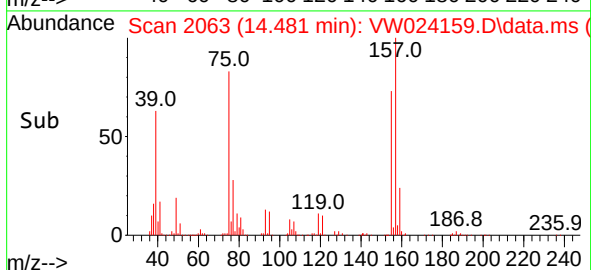
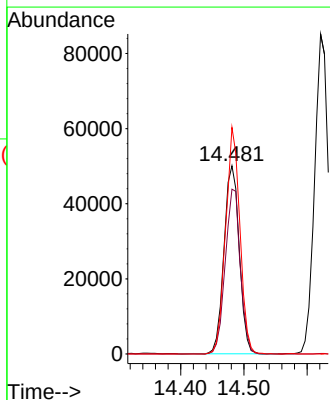
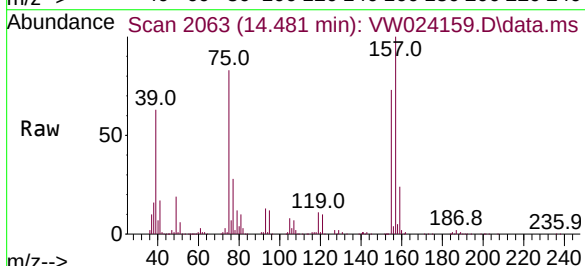
Tgt Ion: 75 Resp: 83697

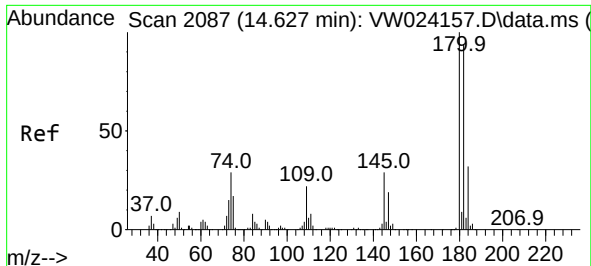
Ion Ratio Lower Upper

75 100

155 87.6 68.8 103.2

157 120.5 91.5 137.3

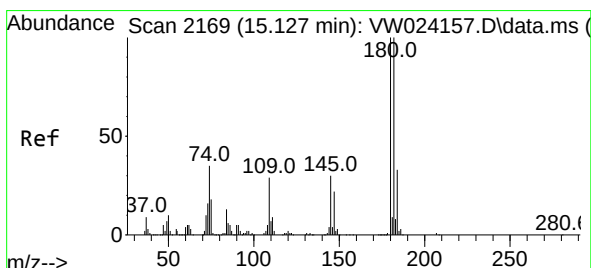
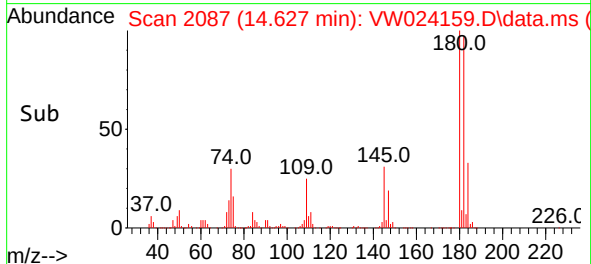
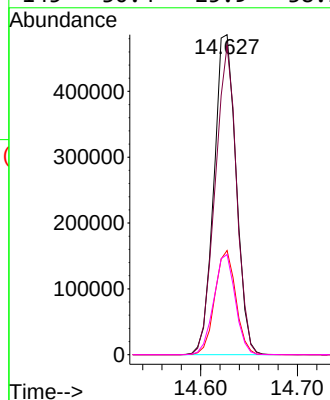
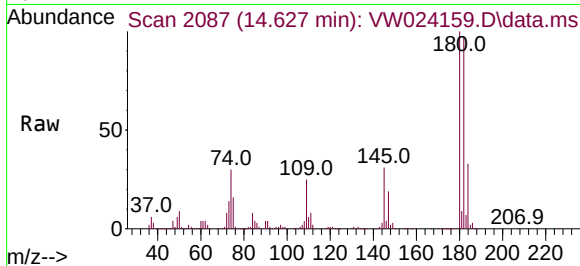




#69
1,3,5-Trichlorobenzene
Concen: 110.502 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

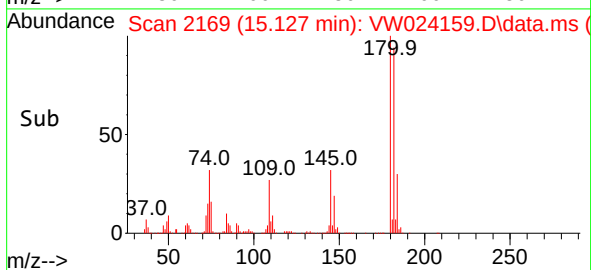
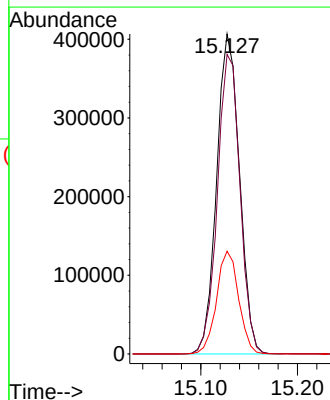
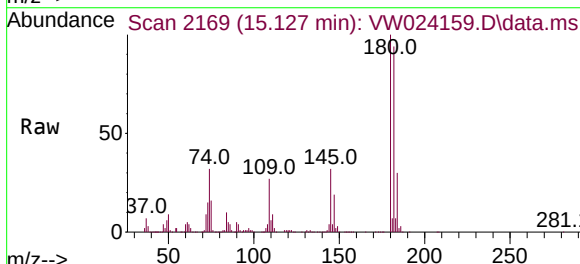
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

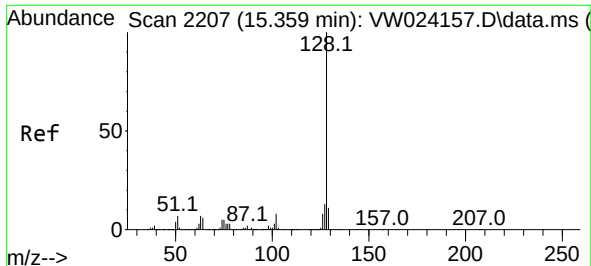
Tgt Ion:	180	Resp:	773528
Ion Ratio	Lower	Upper	
180	100		
182	93.2	78.4	117.6
184	30.8	24.7	37.1
145	30.4	25.9	38.9



#70
1,2,4-trichlorobenzene
Concen: 118.858 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion:	180	Resp:	666310
Ion Ratio	Lower	Upper	
180	100		
182	92.7	75.0	112.4
145	31.1	25.1	37.7

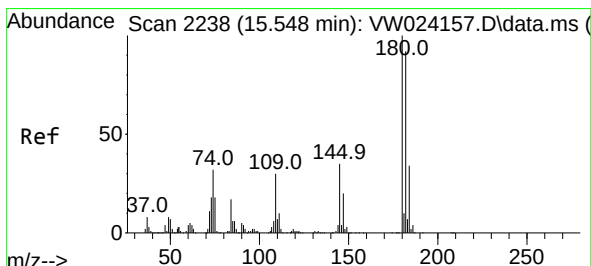
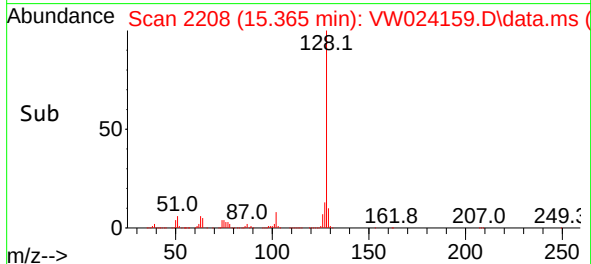
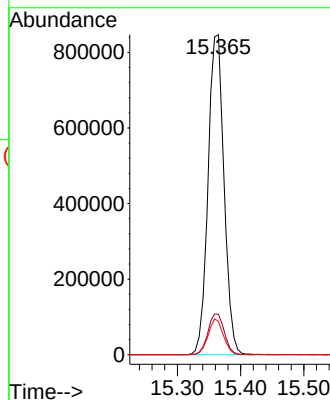
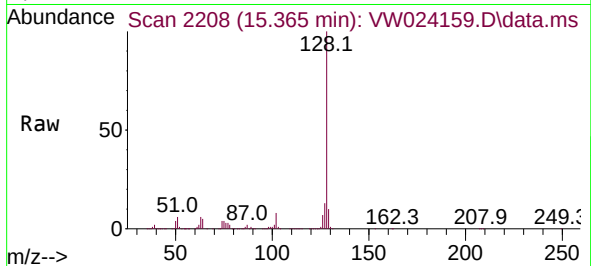




#71
Naphthalene
Concen: 136.143 ug/L
RT: 15.365 min Scan# 2207
Delta R.T. 0.006 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

Tgt Ion:128 Resp: 1486585
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 116.736 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024159.D
Acq: 04 Aug 2022 10:59

Tgt Ion:180 Resp: 595794
Ion Ratio Lower Upper
180 100
182 94.1 75.4 113.2
145 32.3 26.9 40.3

