

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080322\
 Data File : VW024149.D
 Acq On : 03 Aug 2022 10:50
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100405

Quant Time: Aug 04 00:46:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 04 00:42:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	361422	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	353501	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	209600	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	506322	82.720	ug/L	0.00
7) Chloroethane-d5	2.867	69	375791	96.187	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	682671	88.941	ug/L	0.00
21) 2-Butanone-d5	7.074	46	258428	199.420	ug/L	0.00
24) Chloroform-d	7.647	84	905361	88.671	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	486161	87.862	ug/L	0.00
32) Benzene-d6	8.268	84	1641738	87.695	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	508562	91.997	ug/L	0.00
41) Toluene-d8	10.323	98	1652047	94.287	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	259199	100.495	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	234905	222.908	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	525843	94.306	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	701890	94.402	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	361138	122.822	ug/L	95
3) Chloromethane	2.209	50	604359	104.799	ug/L	99
5) Vinyl chloride	2.355	62	817800	93.098	ug/L	98
6) Bromomethane	2.757	94	457521	88.434	ug/L	96
8) Chloroethane	2.904	64	401165	106.494	ug/L	97
9) Trichlorofluoromethane	3.245	101	435758	87.069	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	526766	93.258	ug/L	98
12) 1,1-Dichloroethene	4.031	96	466076	97.728	ug/L	95
13) Acetone	4.117	43	158333	156.264	ug/L	98
14) Carbon disulfide	4.379	76	1469455	95.132	ug/L	100
15) Methyl Acetate	4.665	43	213171	96.663	ug/L	99
16) Methylene chloride	4.909	84	486669	68.636	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	529581	98.690	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	778969	106.518	ug/L	99
19) 1,1-Dichloroethane	6.208	63	861708	94.951	ug/L	97
20) cis-1,2-Dichloroethene	7.324	96	172	0.030	ug/L	90
22) 2-Butanone	7.165	43	292493	180.466	ug/L	96
23) Bromochloromethane	7.513	128	280351	98.210	ug/L	97
25) Chloroform	7.671	83	964306	95.406	ug/L	97
27) 1,2-Dichloroethane	8.397	62	619995	93.020	ug/L	99
29) Cyclohexane	7.951	56	808469	107.956	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	822773	95.171	ug/L	98
31) Carbon tetrachloride	8.067	117	782516	96.583	ug/L	99
33) Benzene	8.323	78	2093388	95.346	ug/L	100
34) Trichloroethene	9.092	95	567962	96.646	ug/L	95
35) Methylcyclohexane	9.335	83	982951	105.876	ug/L	98
37) 1,2-Dichloropropane	9.366	63	498053	95.336	ug/L	100
38) Bromodichloromethane	9.640	83	718839	96.287	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	851714	107.786	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	684802	209.278	ug/L	98
42) Toluene	10.384	91	2391705	102.014	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	774213	107.086	ug/L	97

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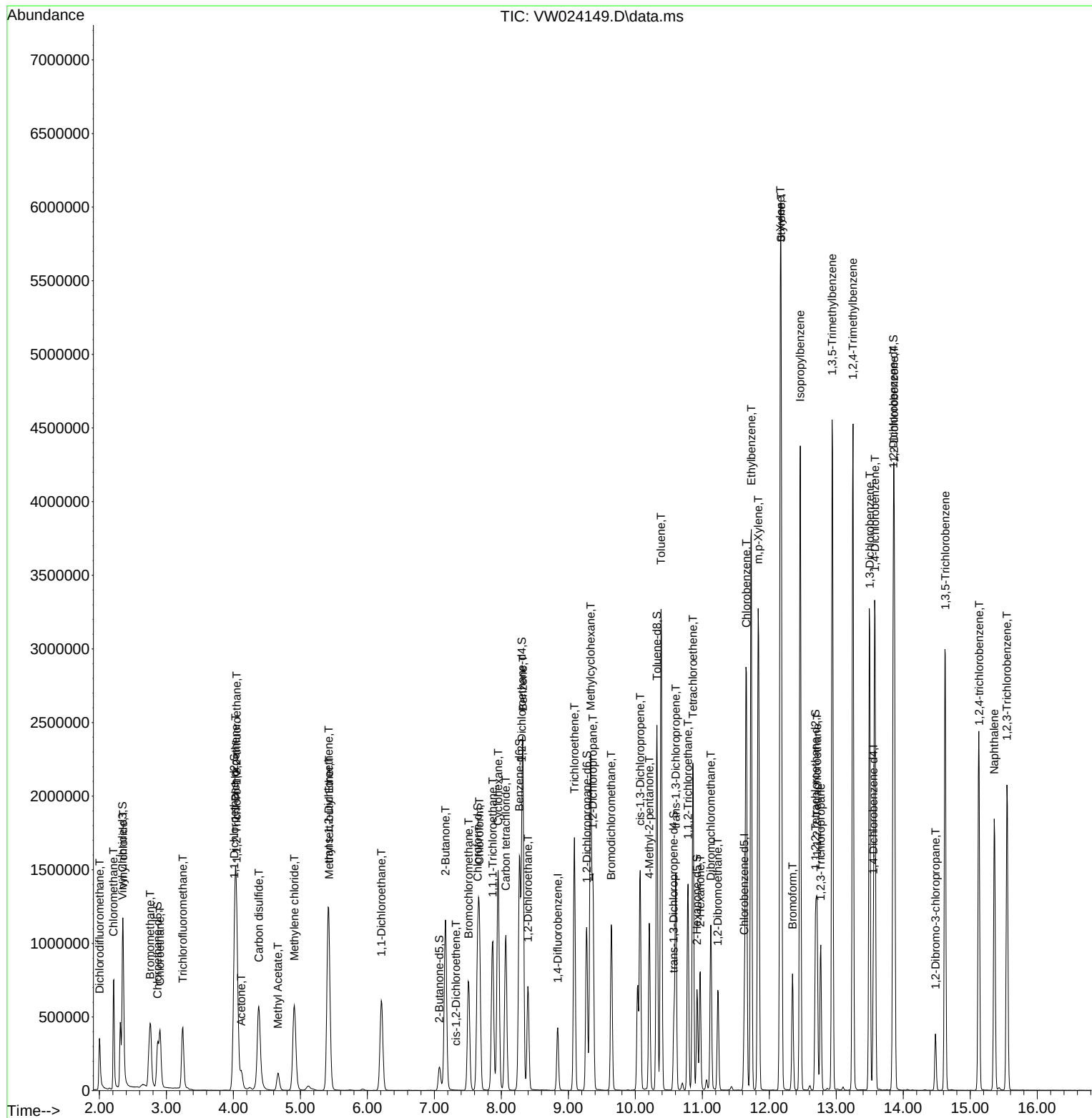
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	428305	95.913	ug/L	97
46) Tetrachloroethene	10.859	164	482312	97.398	ug/L	89
48) 2-Hexanone	10.969	43	487723	216.214	ug/L	99
49) Dibromochloromethane	11.128	129	574090	105.464	ug/L	96
50) 1,2-Dibromoethane	11.231	107	440542	100.561	ug/L	88
51) Chlorobenzene	11.658	112	1560432	96.246	ug/L	98
52) Ethylbenzene	11.731	91	2702883	105.208	ug/L	98
53) m,p-Xylene	11.835	106	1066463	108.114	ug/L	97
54) o-Xylene	12.164	106	1058694	112.245	ug/L	98
55) Styrene	12.176	104	1816822	110.965	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	535610	98.565	ug/L	98
59) Bromoform	12.347	173	346149	105.268	ug/L	98
60) Isopropylbenzene	12.463	105	2775721	104.270	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	374355	89.046	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2393605	109.809	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2395435	111.408	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	1351368	100.572	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	1326776	95.181	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	1179741	96.263	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	87385	93.673	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	935724	104.821	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	761751	110.712	ug/L	98
71) Naphthalene	15.359	128	1611715	121.549	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	711202	112.439	ug/L	98

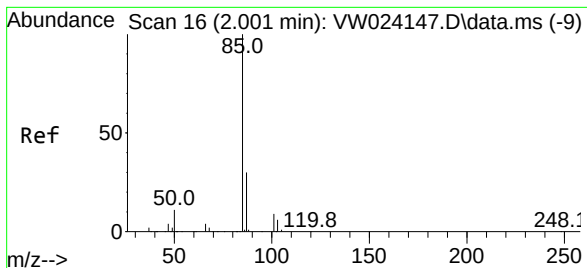
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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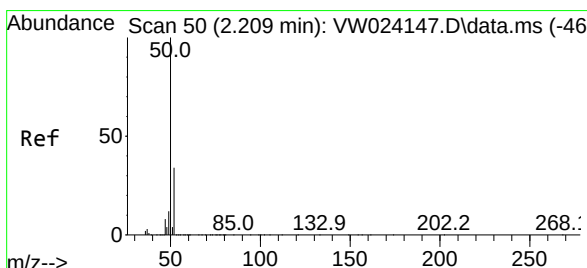
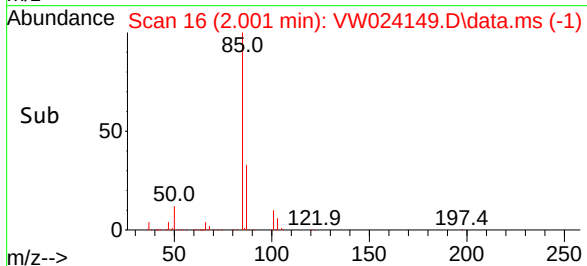
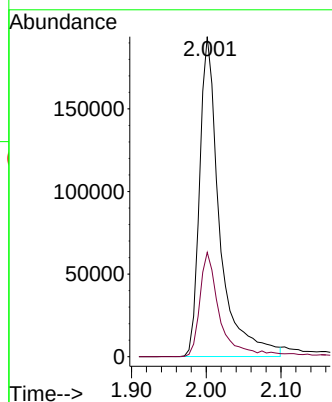
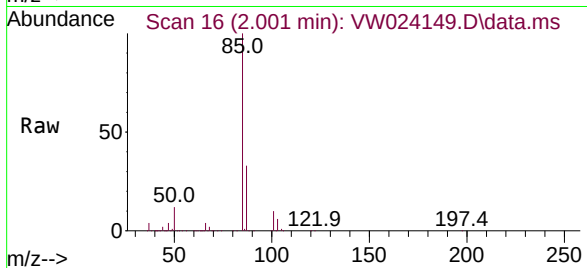




#2
 Dichlorodifluoromethane
 Concen: 122.822 ug/L
 RT: 2.001 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VW024149.D
 Acq: 03 Aug 2022 10:50

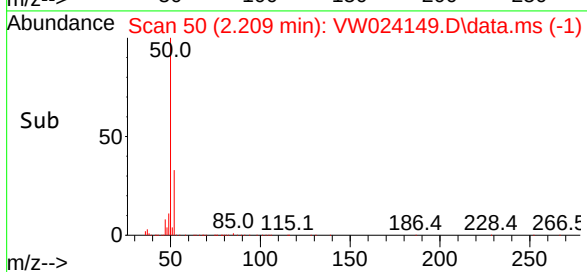
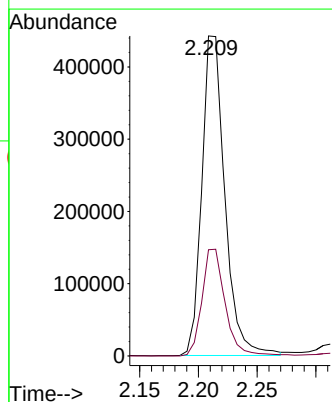
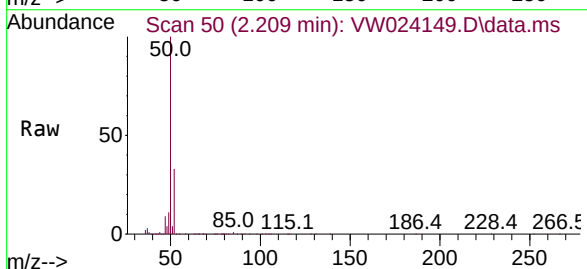
Instrument :
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 ClientSampleId :
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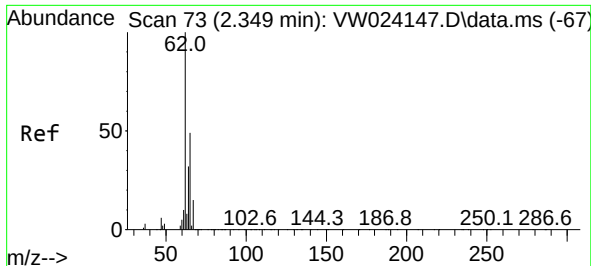
Tgt Ion: 85 Resp: 361138
 Ion Ratio Lower Upper
 85 100
 87 31.1 27.3 40.9



#3
 Chloromethane
 Concen: 104.799 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024149.D
 Acq: 03 Aug 2022 10:50

Tgt Ion: 50 Resp: 604359
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 43.9

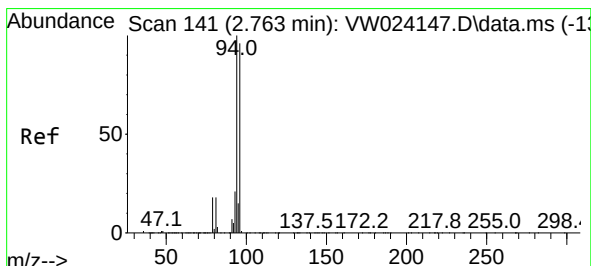
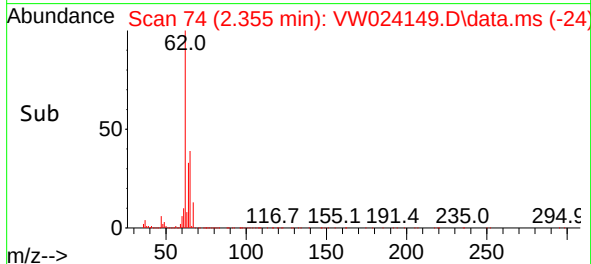
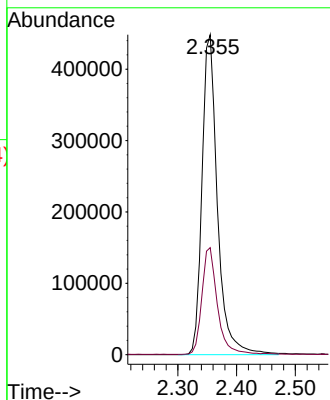
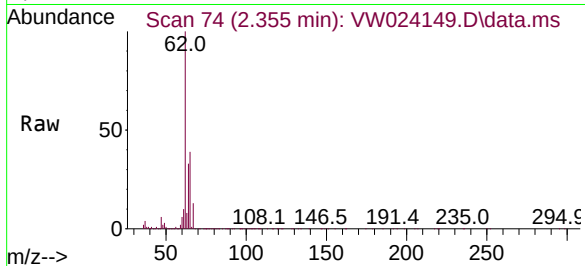




#5
 Vinyl chloride
 Concen: 93.098 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024149.D
 Acq: 03 Aug 2022 10:50

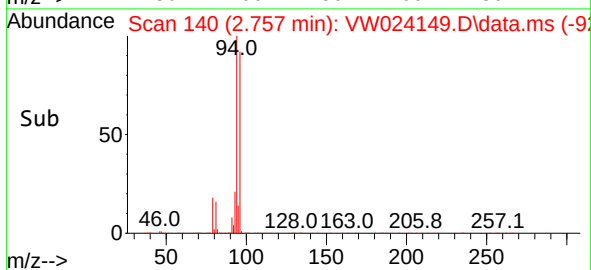
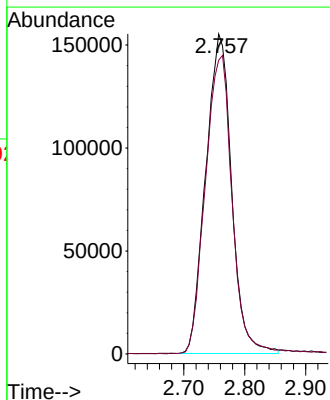
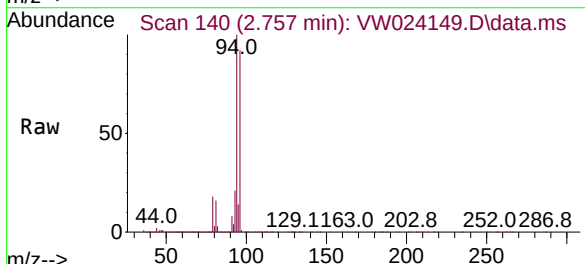
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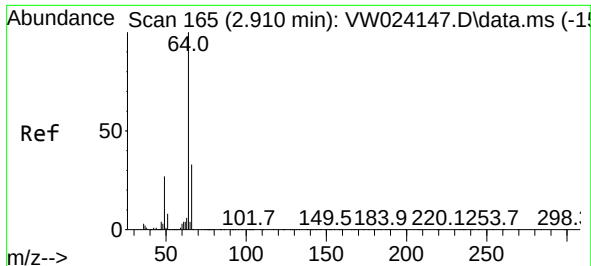
Tgt Ion: 62 Resp: 817800
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.7 42.3



#6
 Bromomethane
 Concen: 88.434 ug/L
 RT: 2.757 min Scan# 140
 Delta R.T. -0.006 min
 Lab File: VW024149.D
 Acq: 03 Aug 2022 10:50

Tgt Ion: 94 Resp: 457521
 Ion Ratio Lower Upper
 94 100
 96 91.8 67.0 124.4

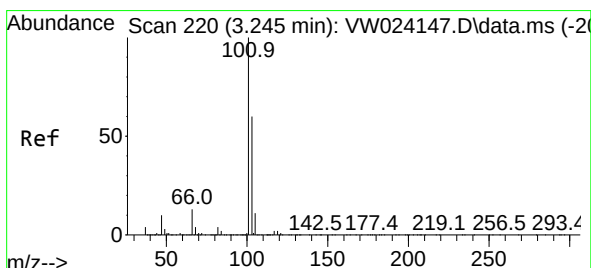
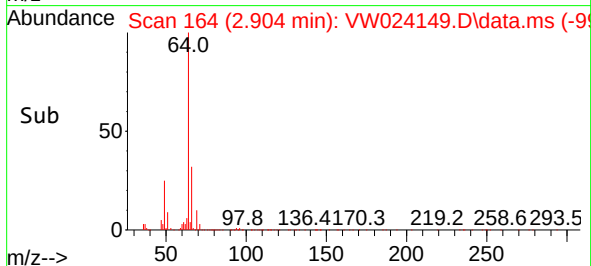
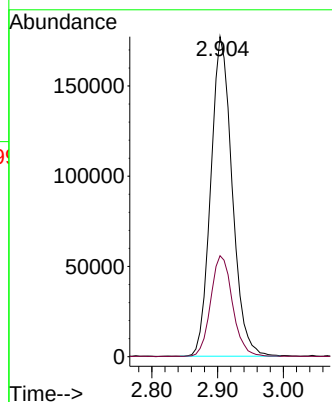
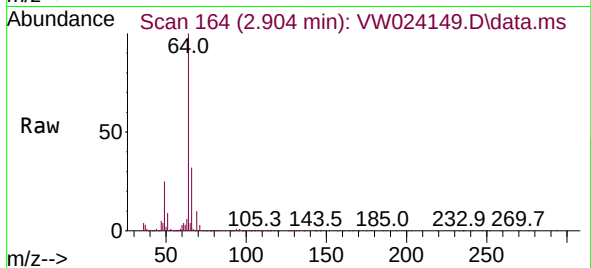




#8
Chloroethane
Concen: 106.494 ug/L
RT: 2.904 min Scan# 164
Delta R.T. -0.006 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

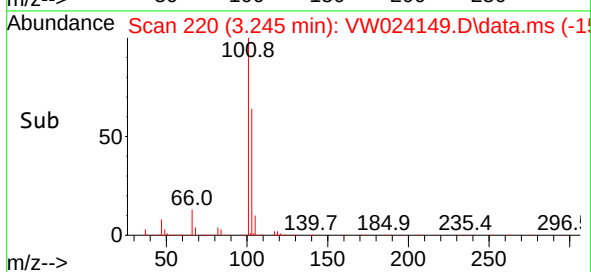
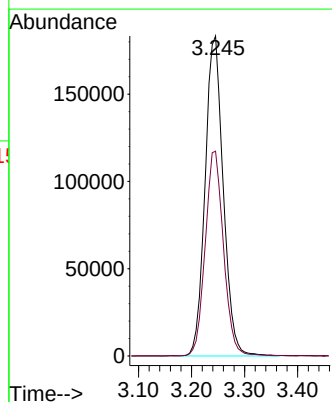
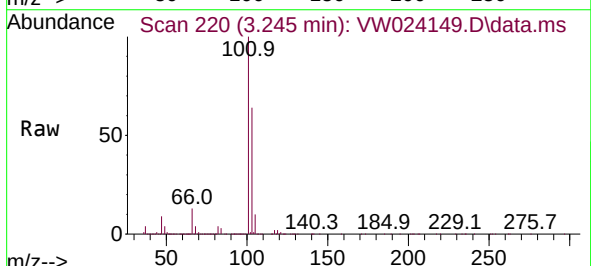
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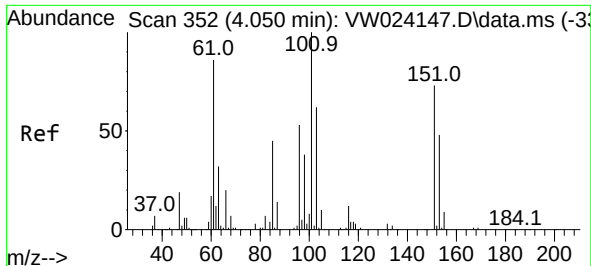
Tgt Ion: 64 Resp: 401165
Ion Ratio Lower Upper
64 100
66 31.5 23.3 43.3



#9
Trichlorofluoromethane
Concen: 87.069 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion: 101 Resp: 435758
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

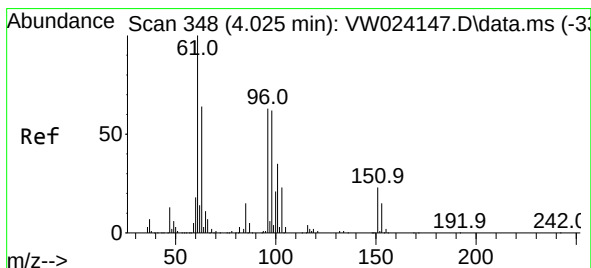
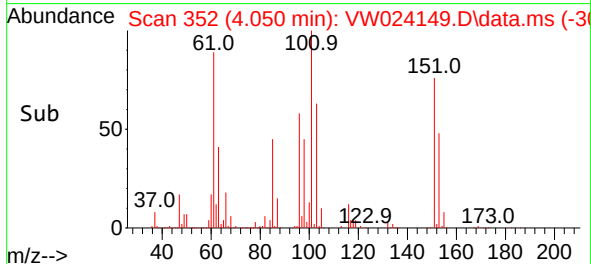
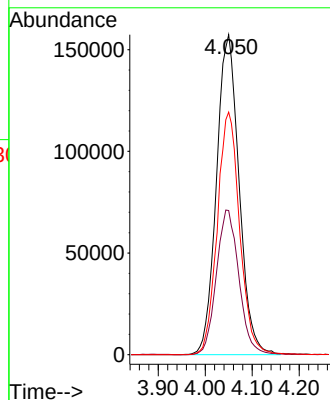
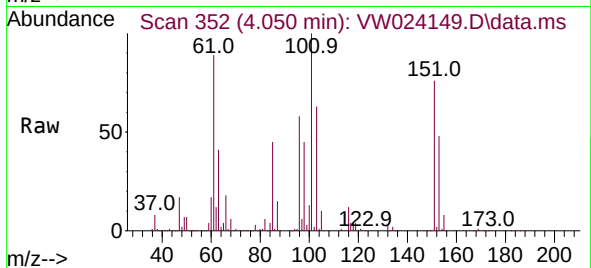




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 93.258 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW024149.D
 Acq: 03 Aug 2022 10:50

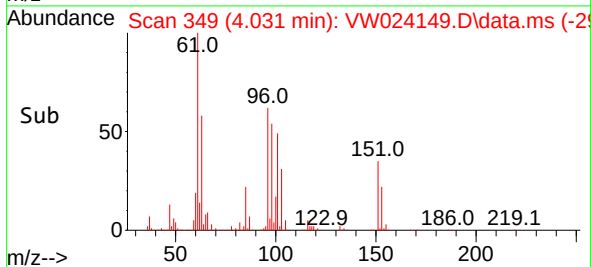
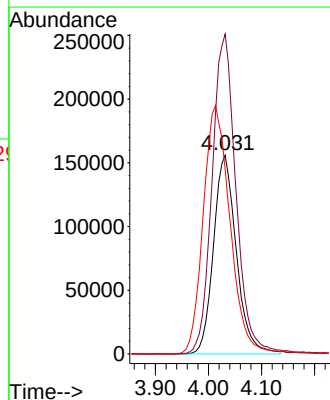
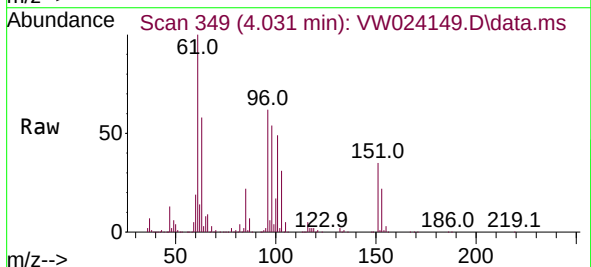
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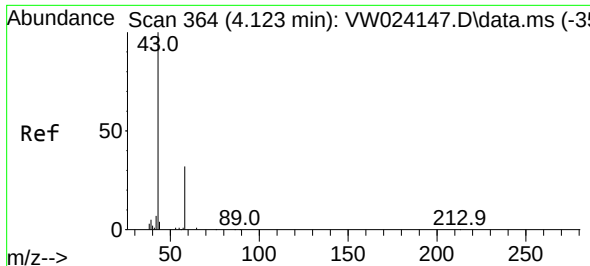
Tgt Ion:101 Resp: 526766
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.6 53.4
 151 74.8 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 97.728 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024149.D
 Acq: 03 Aug 2022 10:50

Tgt Ion: 96 Resp: 466076
 Ion Ratio Lower Upper
 96 100
 61 161.1 112.0 208.0
 63 92.9 73.1 135.7

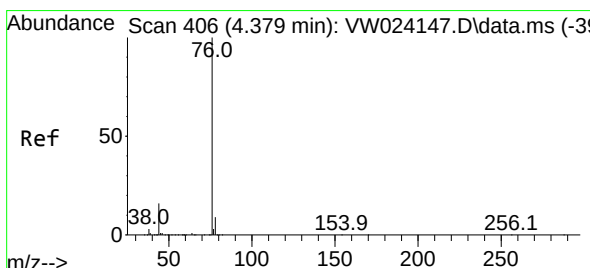
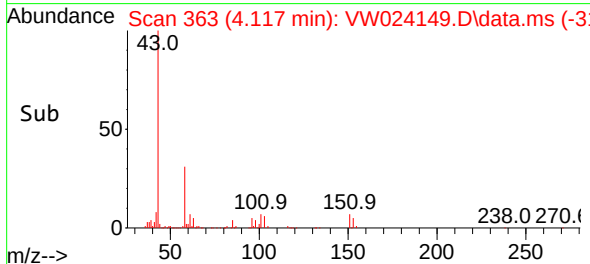
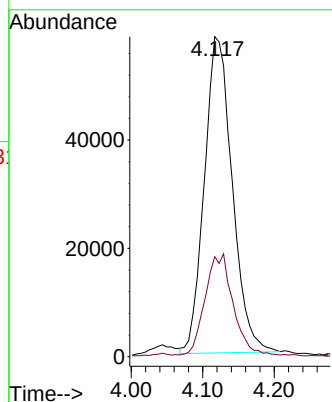
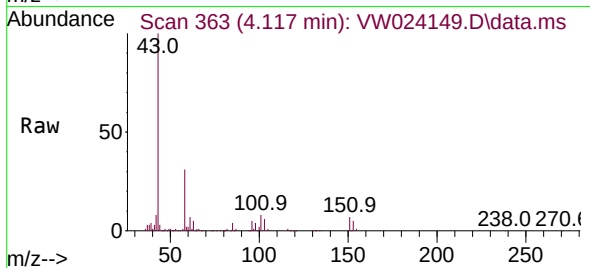




#13
Acetone
Concen: 156.264 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW024149.D
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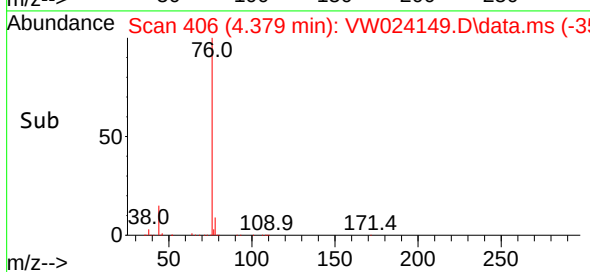
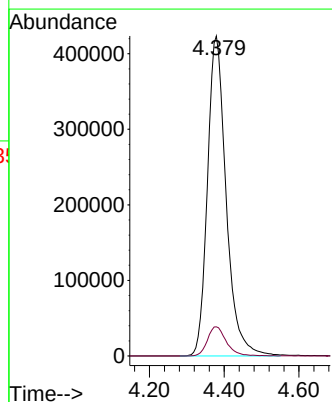
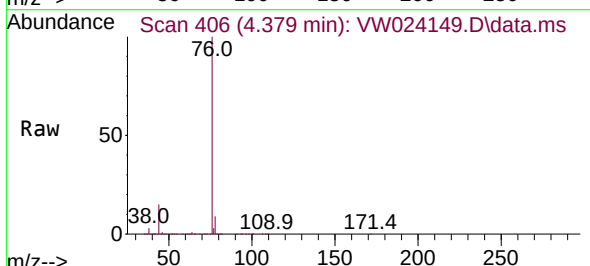
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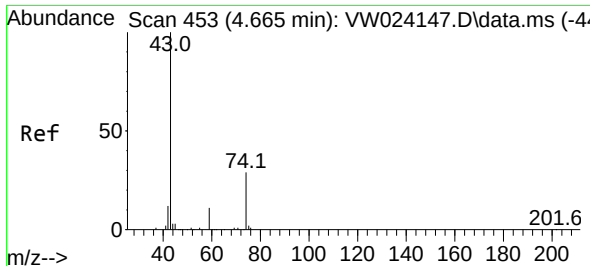
Tgt Ion: 43 Resp: 158333
Ion Ratio Lower Upper
43 100
58 32.1 0.0 66.0



#14
Carbon disulfide
Concen: 95.132 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 1469455
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

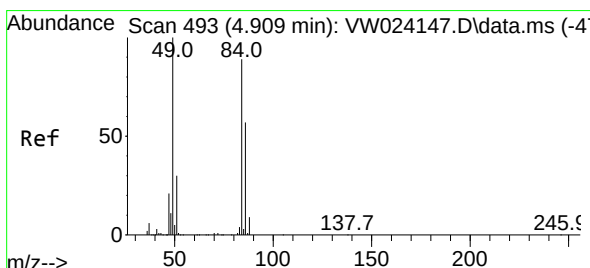
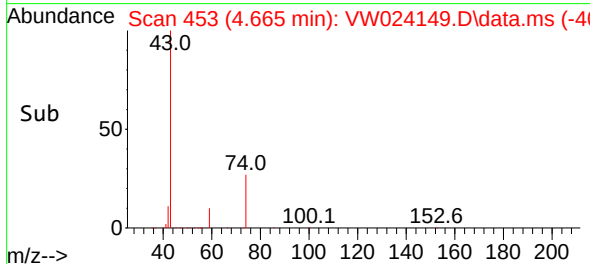
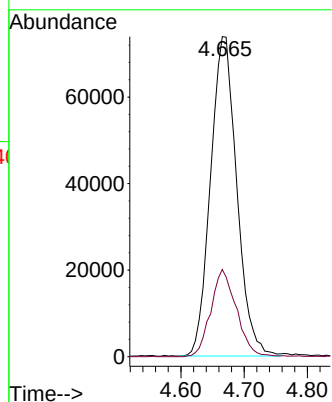
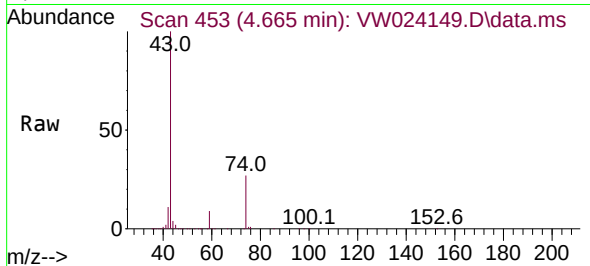




#15
Methyl Acetate
Concen: 96.663 ug/L
RT: 4.665 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

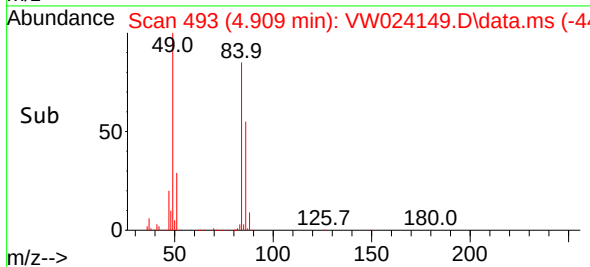
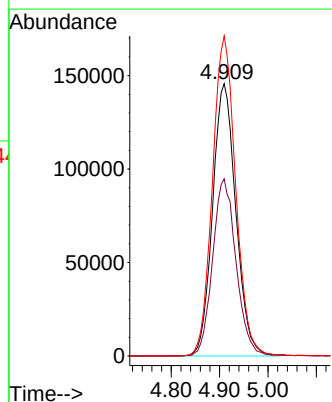
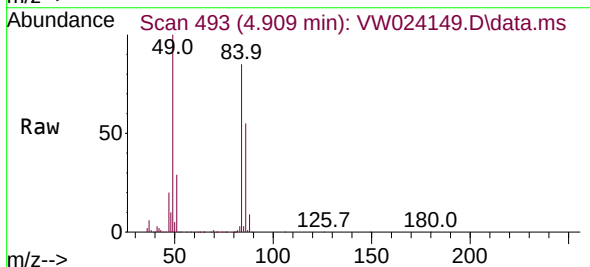
Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

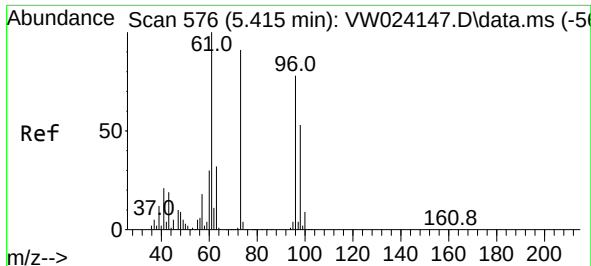
Tgt Ion: 43 Resp: 213171
Ion Ratio Lower Upper
43 100
74 26.6 21.6 32.4



#16
Methylene chloride
Concen: 68.636 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion: 84 Resp: 486669
Ion Ratio Lower Upper
84 100
86 65.0 44.7 83.1
49 117.5 78.6 146.0

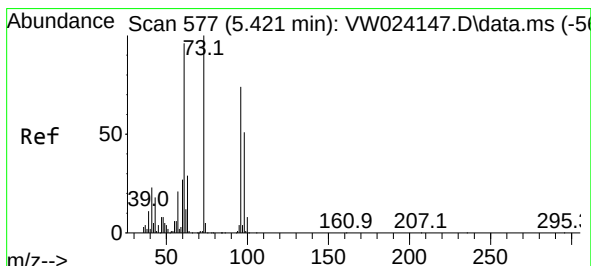
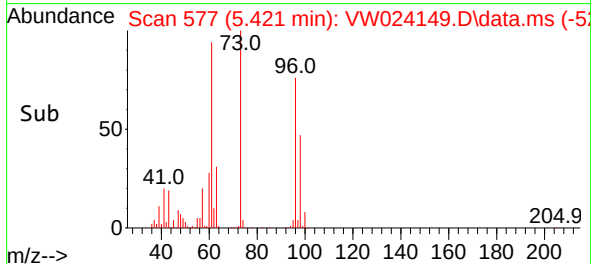
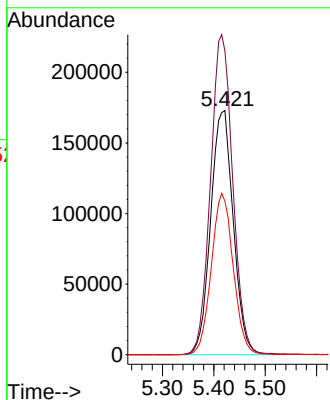
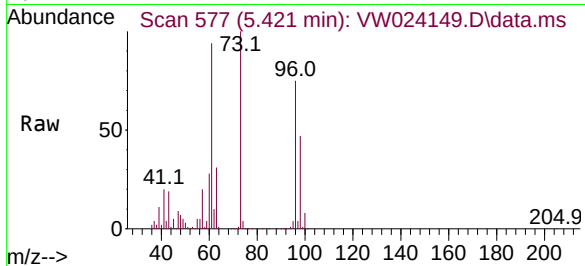




#17
trans-1,2-Dichloroethene
Concen: 98.690 ug/L
RT: 5.421 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

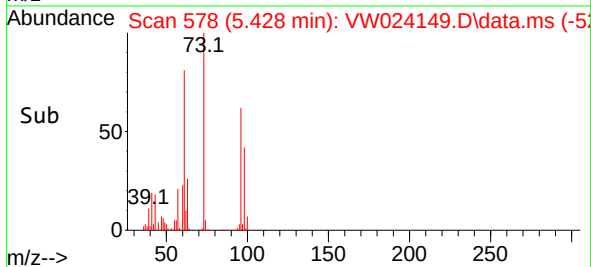
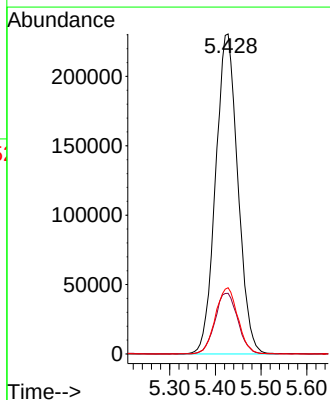
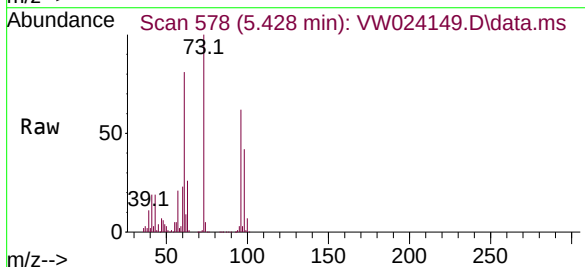
Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

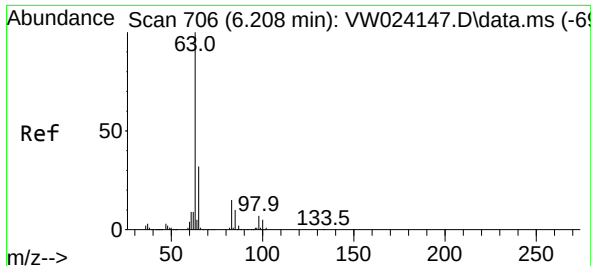
Tgt Ion: 96 Resp: 529581
Ion Ratio Lower Upper
96 100
61 124.3 90.2 167.6
98 62.9 47.4 88.0



#18
Methyl tert-butyl Ether
Concen: 106.518 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion: 73 Resp: 778969
Ion Ratio Lower Upper
73 100
43 19.5 16.6 25.0
57 20.8 16.6 25.0





#19

1,1-Dichloroethane

Concen: 94.951 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD100405

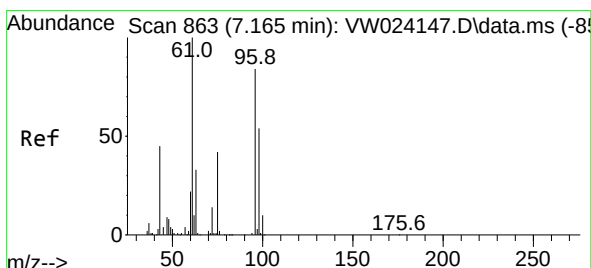
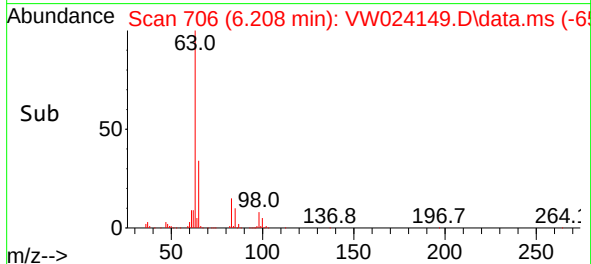
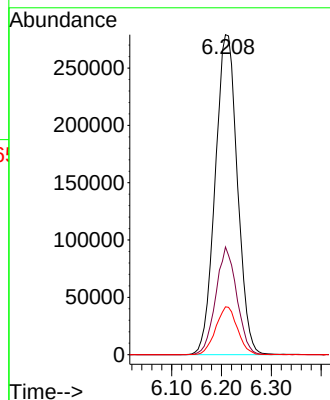
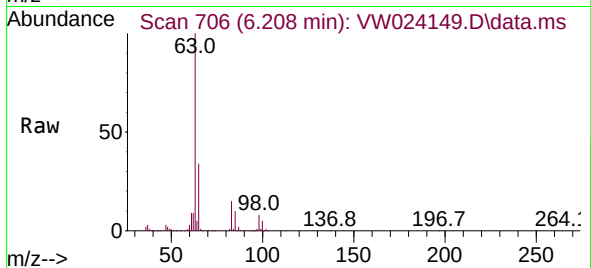
Tgt Ion: 63 Resp: 861708

Ion Ratio Lower Upper

63 100

65 33.6 22.3 41.3

83 14.9 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 0.030 ug/L

RT: 7.324 min Scan# 889

Delta R.T. 0.158 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

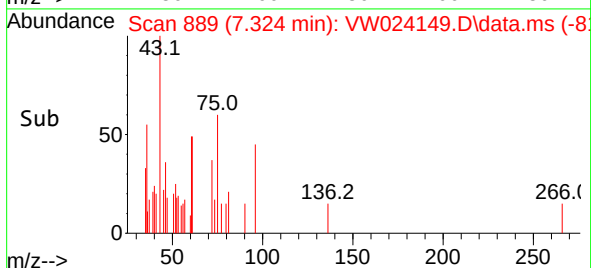
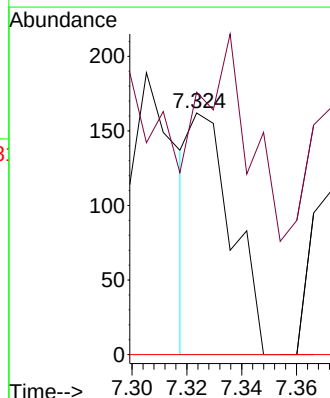
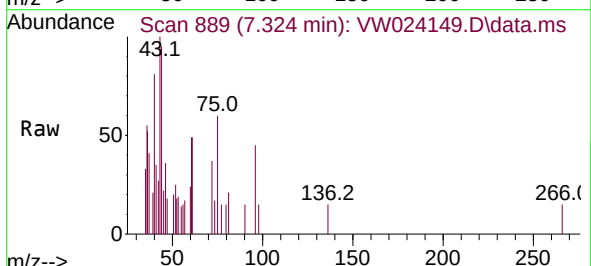
Tgt Ion: 96 Resp: 172

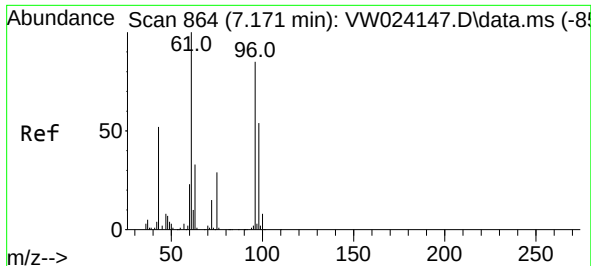
Ion Ratio Lower Upper

96 100

61 108.6 83.9 155.9

68 0.0 0.0 0.0

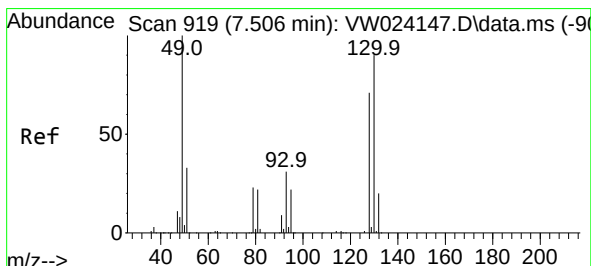
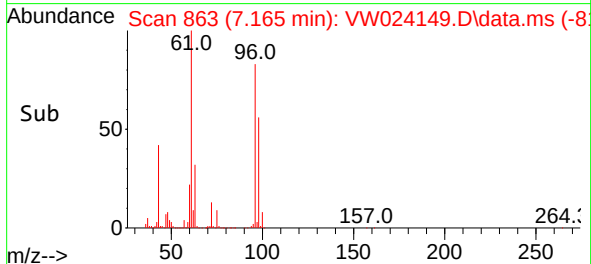
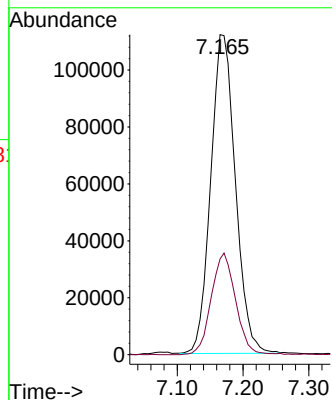
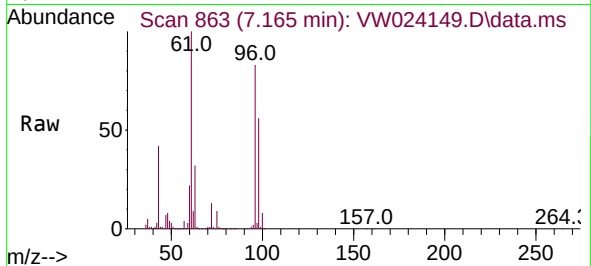




#22
2-Butanone
Concen: 180.466 ug/L
RT: 7.165 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

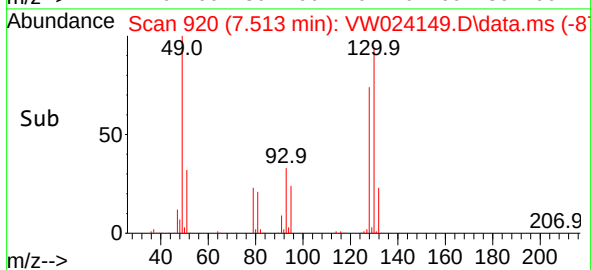
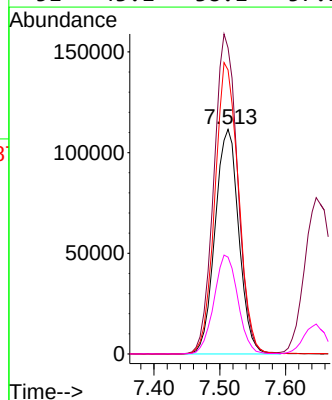
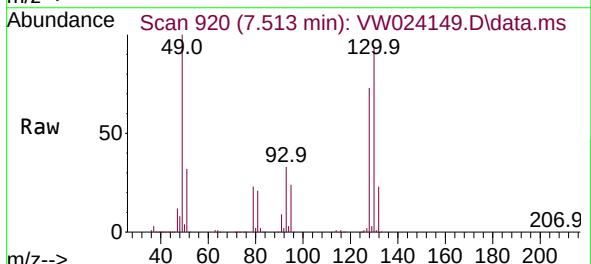
Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

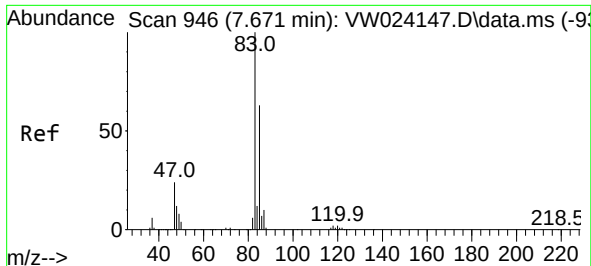
Tgt Ion: 43 Resp: 292493
Ion Ratio Lower Upper
43 100
72 31.4 14.6 43.8



#23
Bromochloromethane
Concen: 98.210 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion:128 Resp: 280351
Ion Ratio Lower Upper
128 100
49 136.2 99.0 184.0
130 126.4 89.4 166.0
51 43.1 38.1 57.1

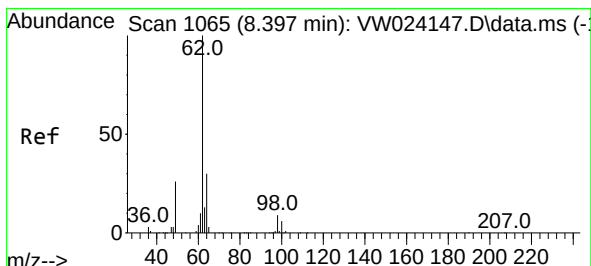
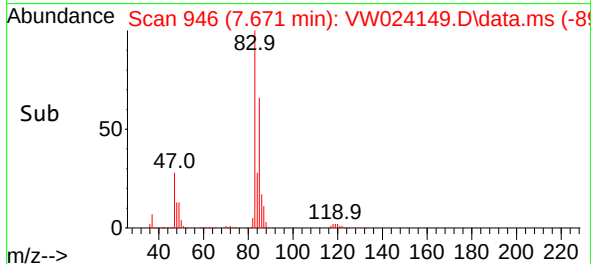
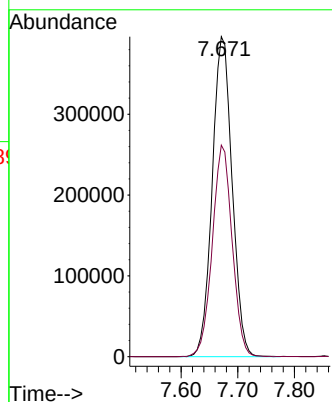
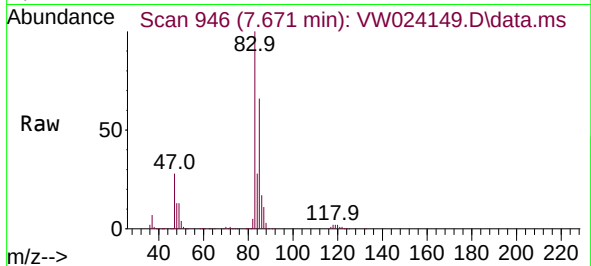




#25
Chloroform
Concen: 95.406 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

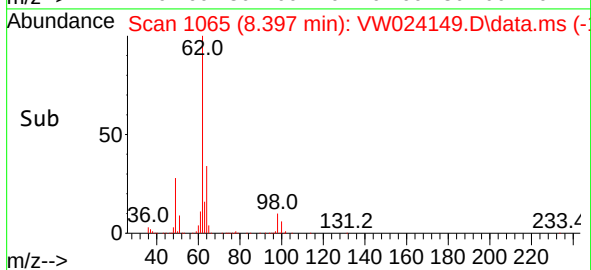
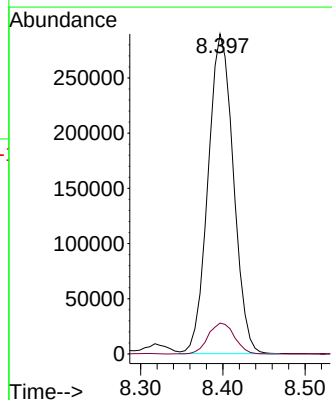
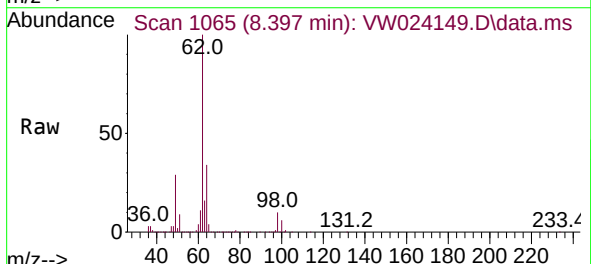
Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

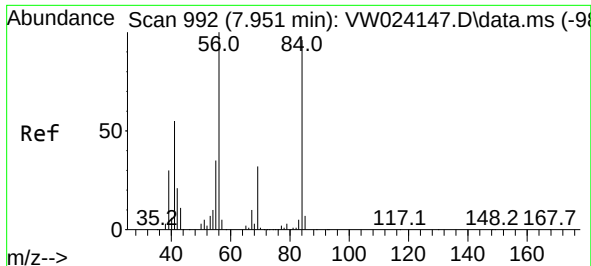
Tgt Ion: 83 Resp: 964306
Ion Ratio Lower Upper
83 100
85 66.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 93.020 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion: 62 Resp: 619995
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0

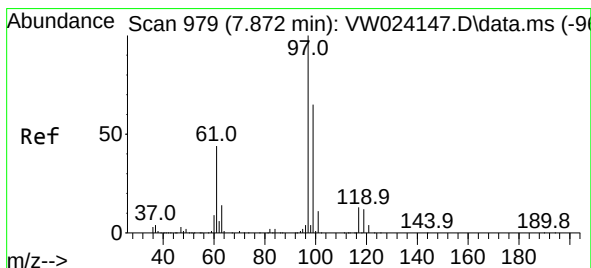
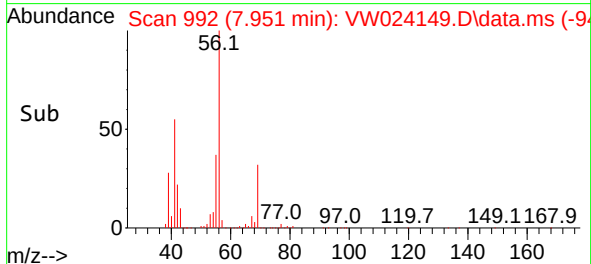
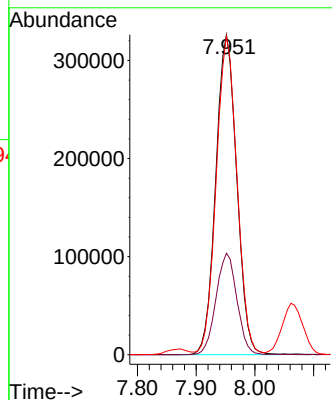
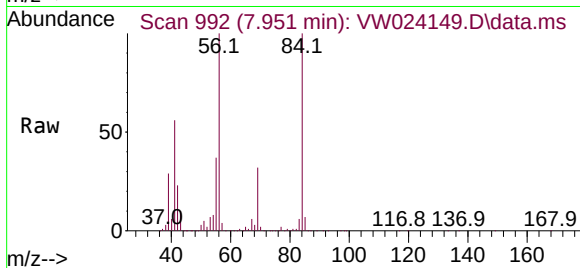




#29
Cyclohexane
Concen: 107.956 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

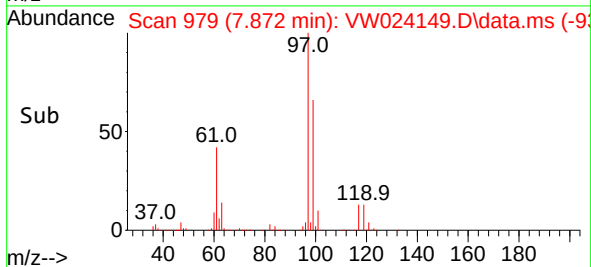
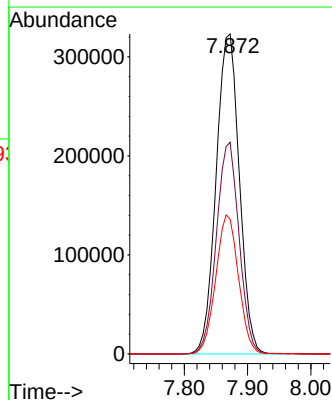
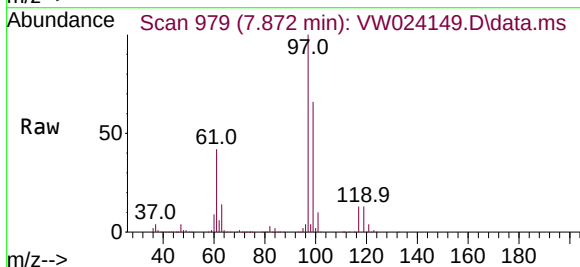
Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

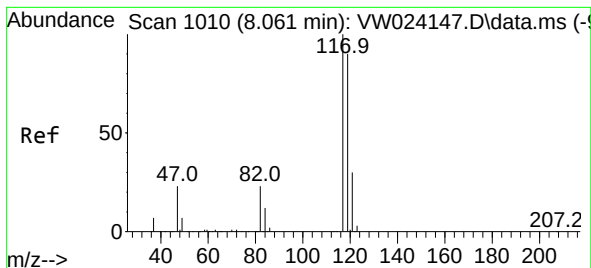
Tgt Ion: 56 Resp: 808469
Ion Ratio Lower Upper
56 100
69 31.5 25.1 37.7
84 98.5 77.4 116.2



#30
1,1,1-Trichloroethane
Concen: 95.171 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion: 97 Resp: 822773
Ion Ratio Lower Upper
97 100
99 64.9 50.9 76.3
61 42.6 35.0 52.6





#31

Carbon tetrachloride

Concen: 96.583 ug/L

RT: 8.067 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

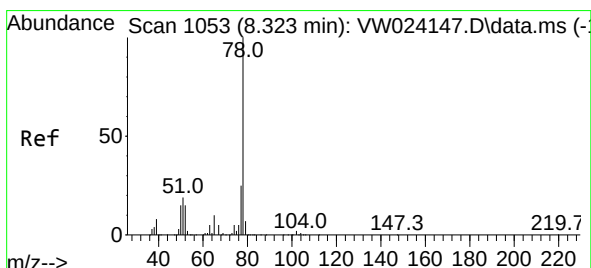
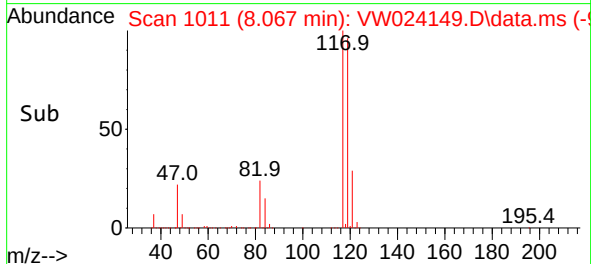
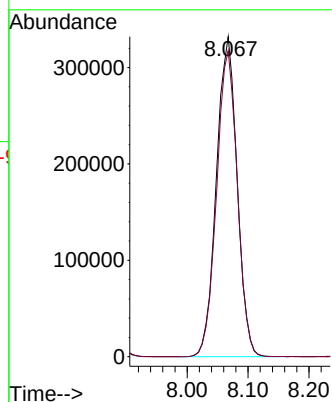
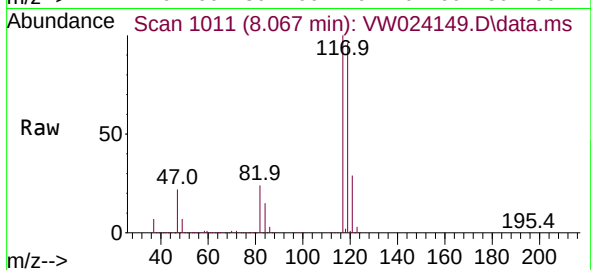
VSTD100405

Tgt Ion:117 Resp: 782516

Ion Ratio Lower Upper

117 100

119 95.7 77.3 115.9



#33

Benzene

Concen: 95.346 ug/L

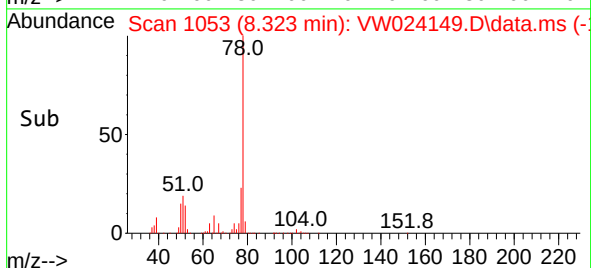
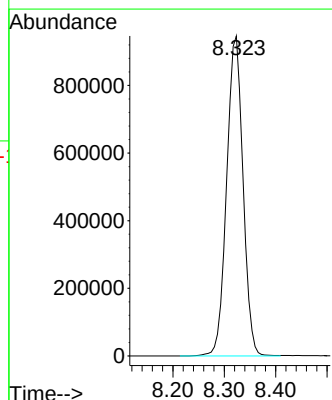
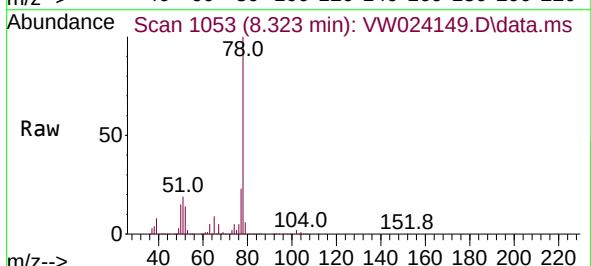
RT: 8.323 min Scan# 1053

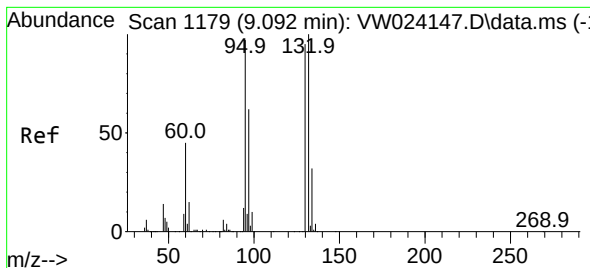
Delta R.T. 0.000 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

Tgt Ion: 78 Resp: 2093388





#34

Trichloroethene

Concen: 96.646 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD100405

Tgt Ion: 95 Resp: 567962

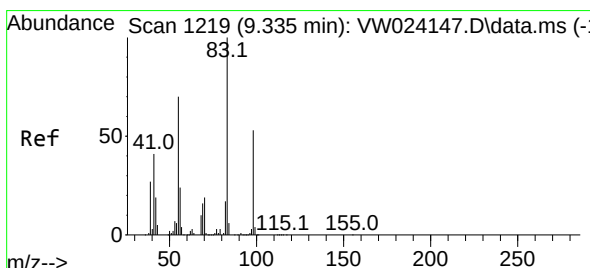
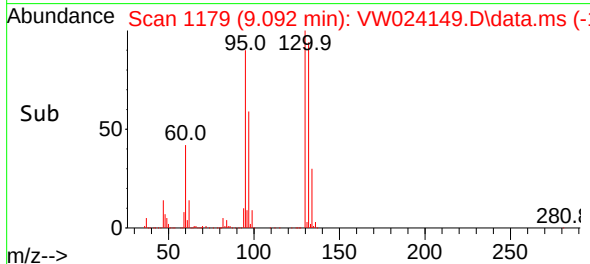
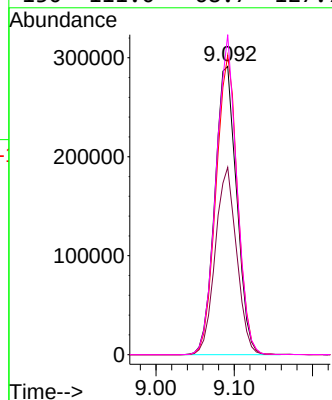
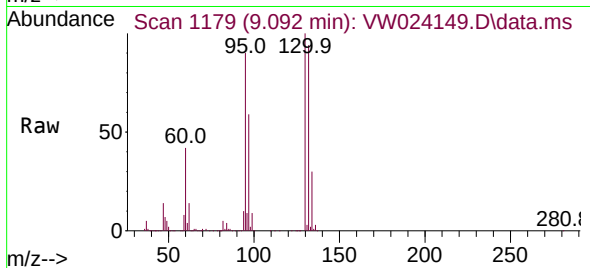
Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.3

132 103.8 72.4 134.5

130 111.0 68.7 127.7



#35

Methylcyclohexane

Concen: 105.876 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

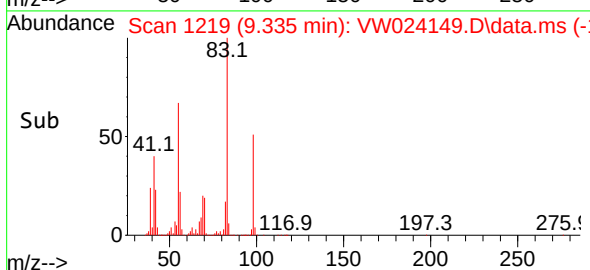
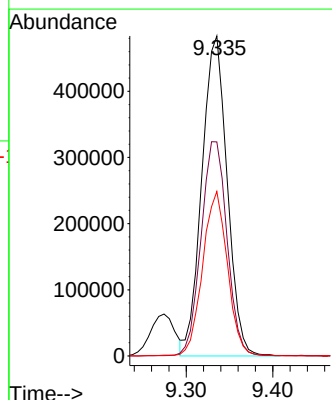
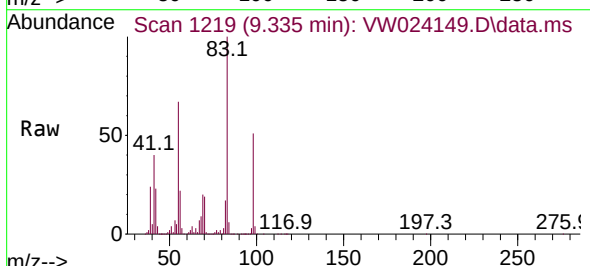
Tgt Ion: 83 Resp: 982951

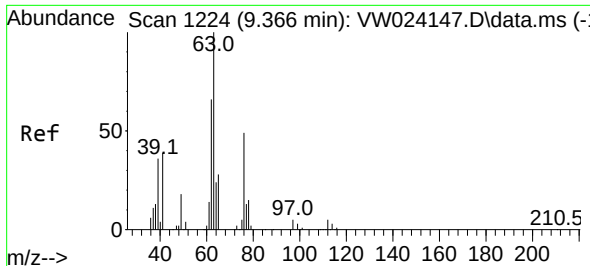
Ion Ratio Lower Upper

83 100

55 68.7 56.7 85.1

98 50.2 40.8 61.2





#37

1,2-Dichloropropane

Concen: 95.336 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

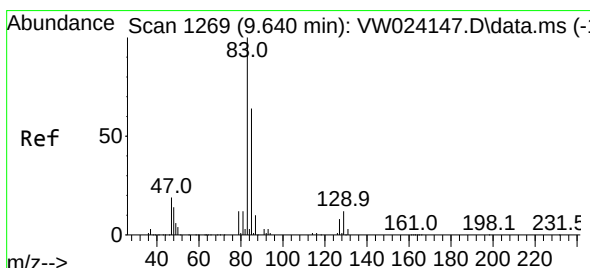
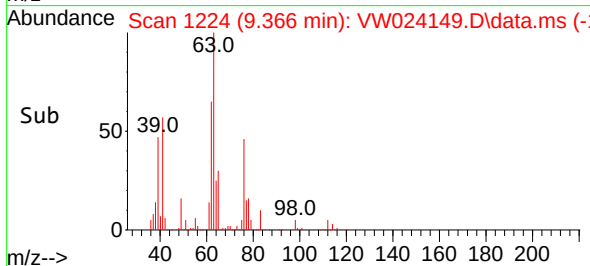
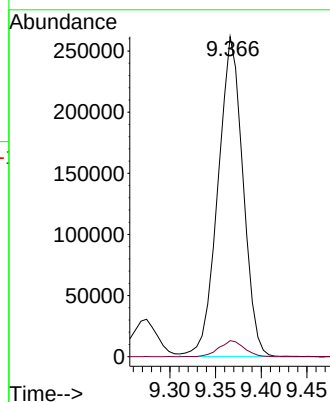
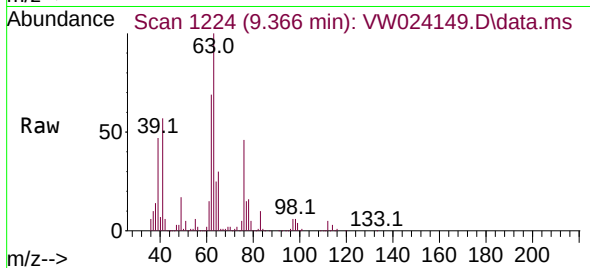
VSTD100405

Tgt Ion: 63 Resp: 498053

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 96.287 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

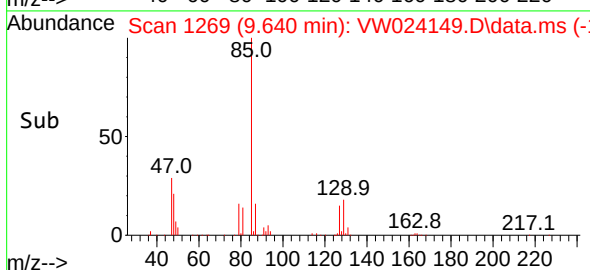
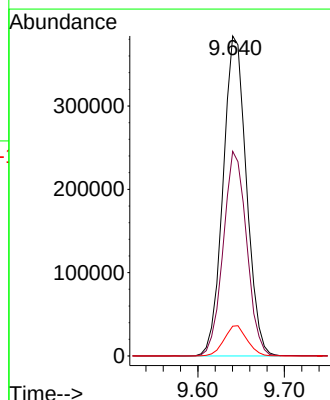
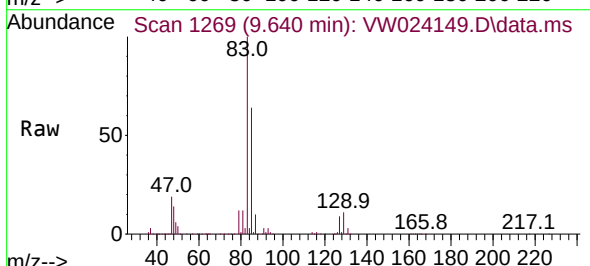
Tgt Ion: 83 Resp: 718839

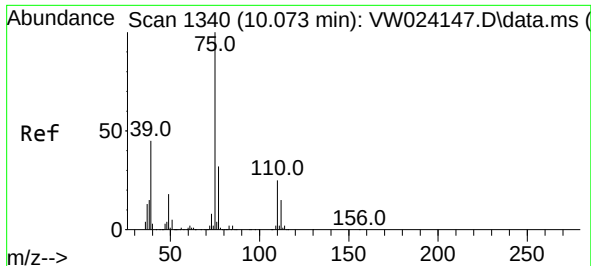
Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

127 9.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 107.786 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

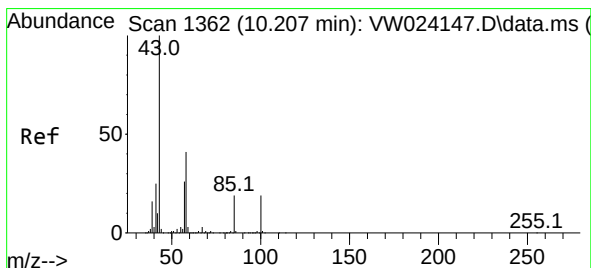
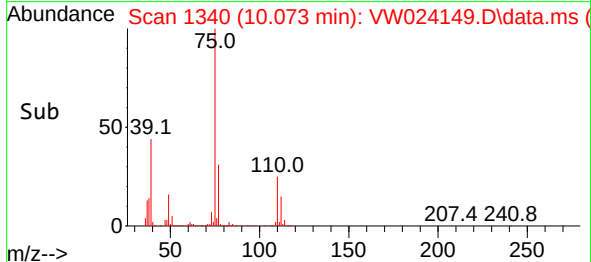
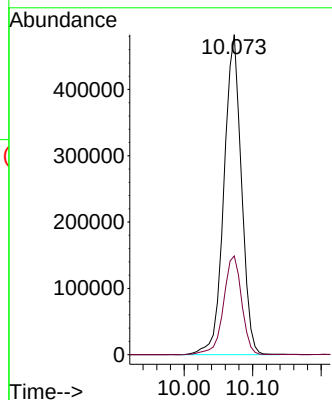
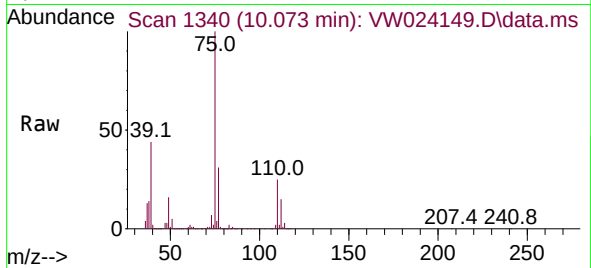
VSTD100405

Tgt Ion: 75 Resp: 851714

Ion Ratio Lower Upper

75 100

77 30.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 209.278 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

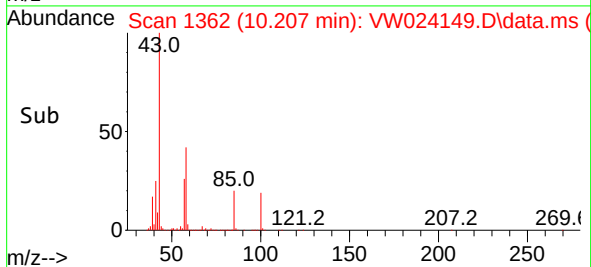
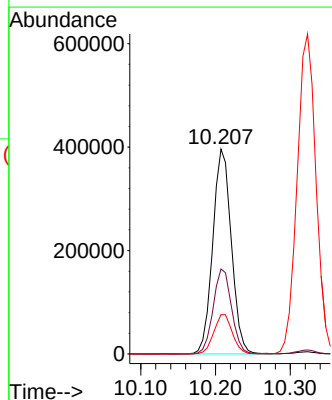
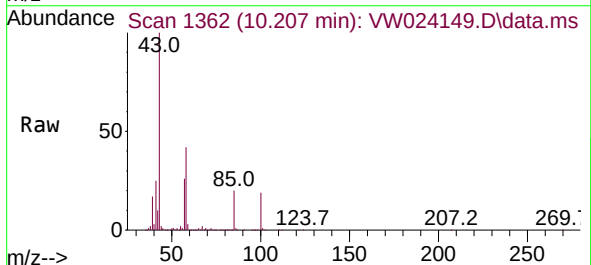
Tgt Ion: 43 Resp: 684802

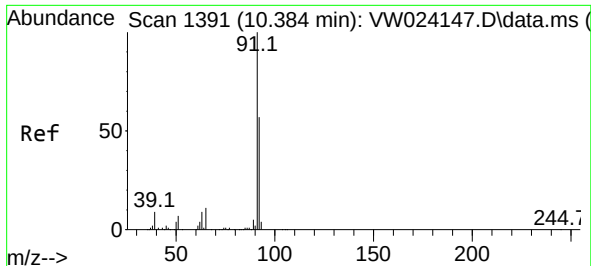
Ion Ratio Lower Upper

43 100

58 41.1 31.9 47.9

100 19.2 14.4 21.6

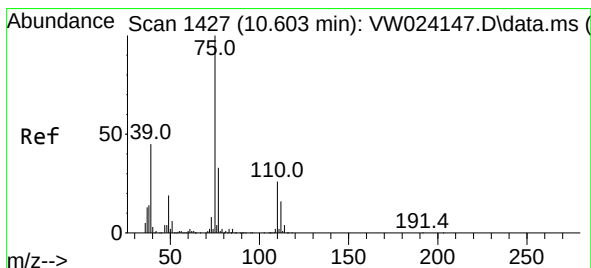
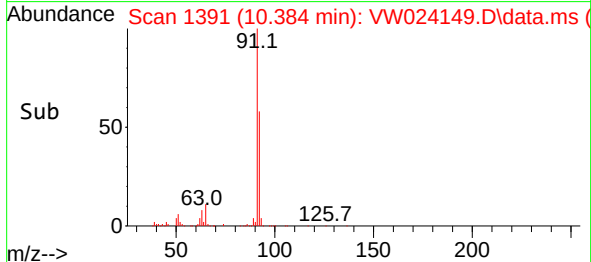
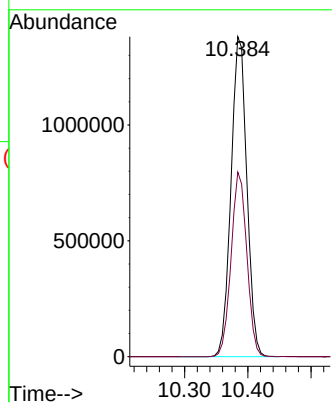
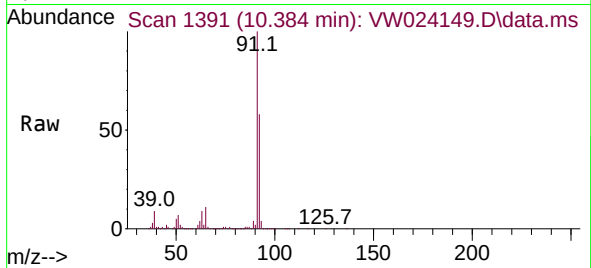




#42
Toluene
Concen: 102.014 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

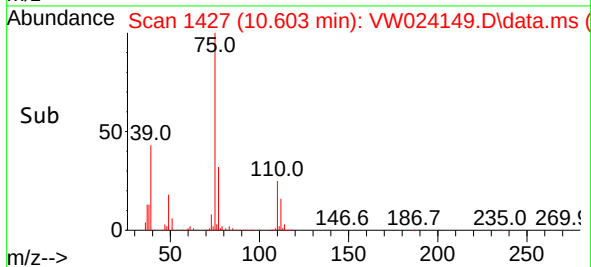
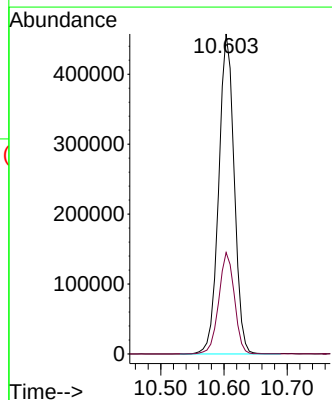
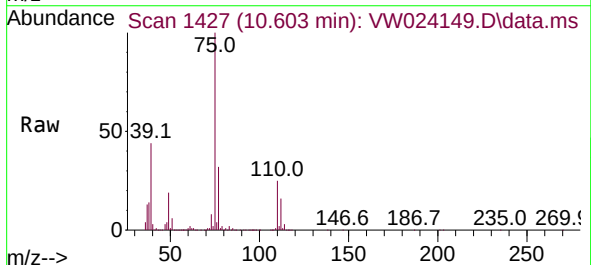
Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

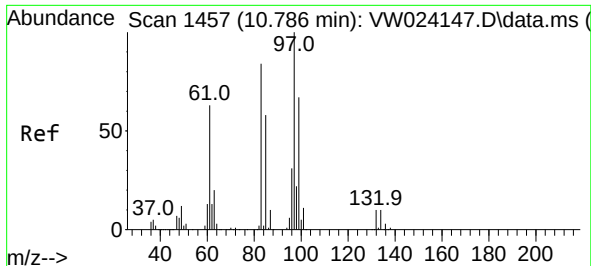
Tgt Ion: 91 Resp: 2391705
Ion Ratio Lower Upper
91 100
92 57.7 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 107.086 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion: 75 Resp: 774213
Ion Ratio Lower Upper
75 100
77 31.7 23.4 43.4



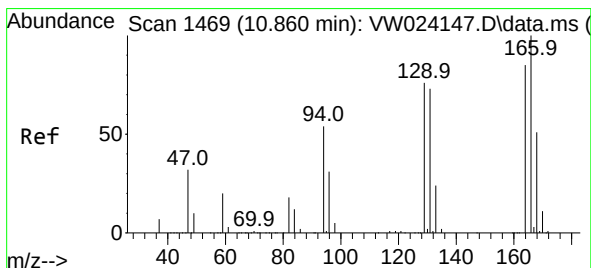
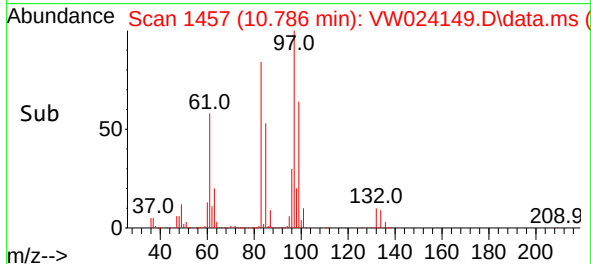
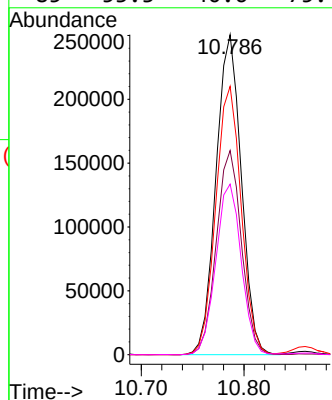
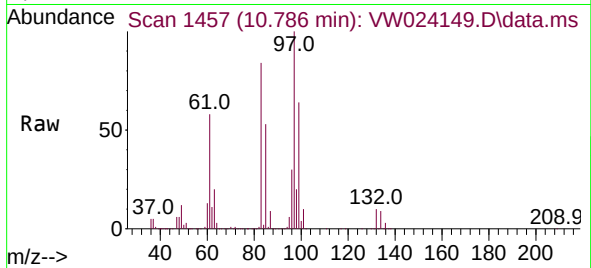


#45
1,1,2-Trichloroethane
Concen: 95.913 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

Tgt Ion: 97 Resp: 428305

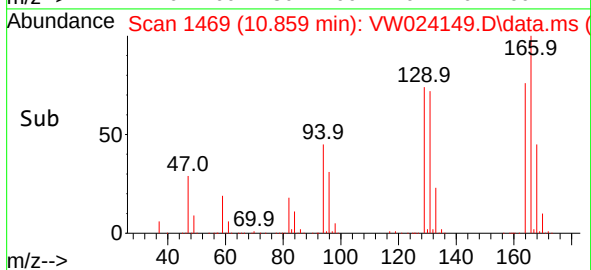
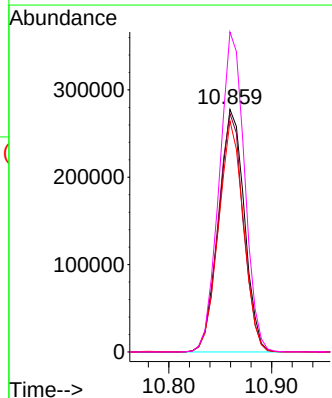
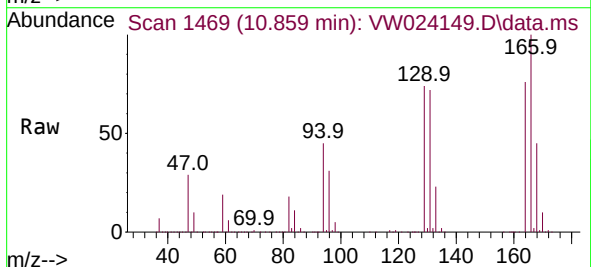
Ion	Ratio	Lower	Upper
97	100		
99	63.8	46.5	86.5
83	83.9	58.6	108.8
85	53.3	40.6	75.4

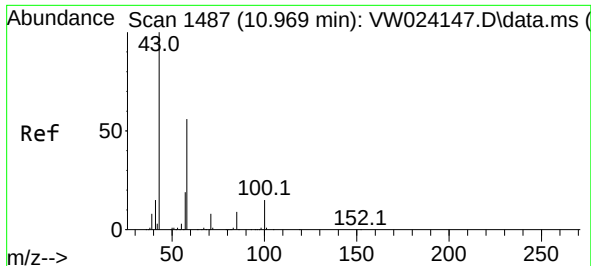


#46
Tetrachloroethene
Concen: 97.398 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion: 164 Resp: 482312

Ion	Ratio	Lower	Upper
164	100		
129	98.2	62.4	115.8
131	95.3	60.3	111.9
166	131.9	82.0	152.4



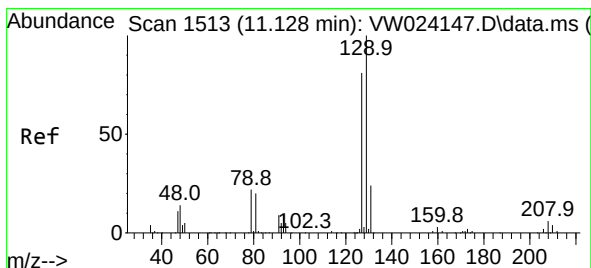
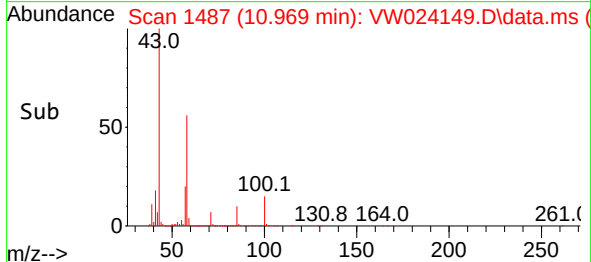
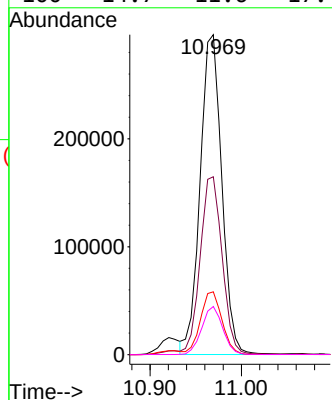
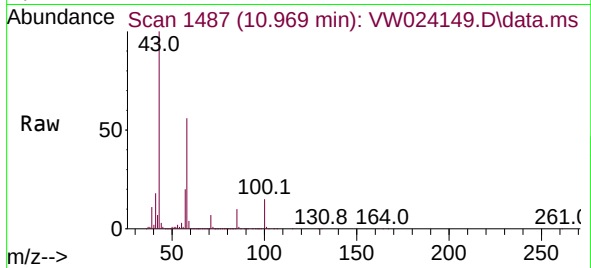


#48
2-Hexanone
Concen: 216.214 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

Tgt Ion: 43 Resp: 487723

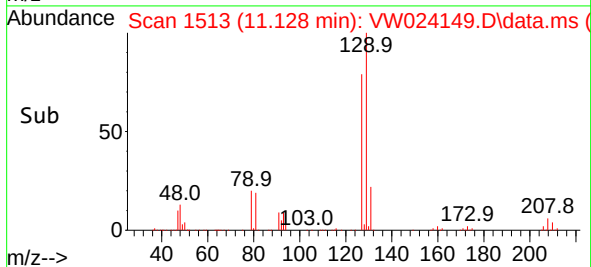
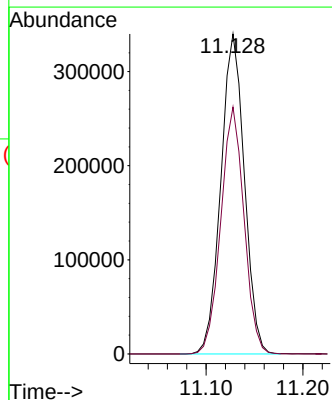
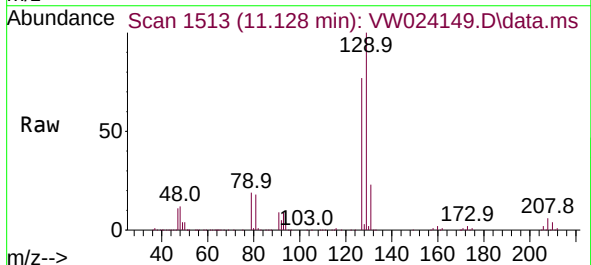
Ion	Ratio	Lower	Upper
43	100		
58	56.5	44.7	67.1
57	19.5	16.2	24.2
100	14.7	11.6	17.4

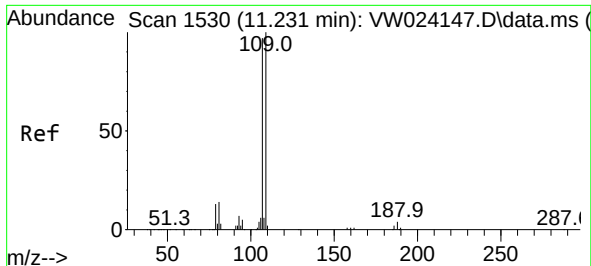


#49
Dibromochloromethane
Concen: 105.464 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion: 129 Resp: 574090

Ion	Ratio	Lower	Upper
129	100		
127	77.1	56.5	104.9





#50

1,2-Dibromoethane

Concen: 100.561 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD100405

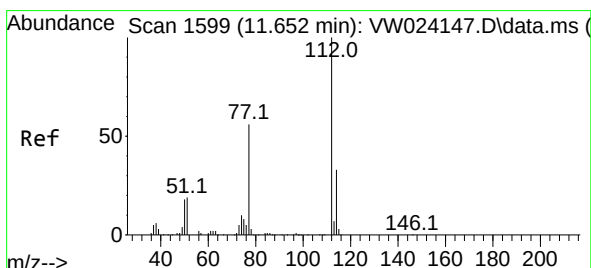
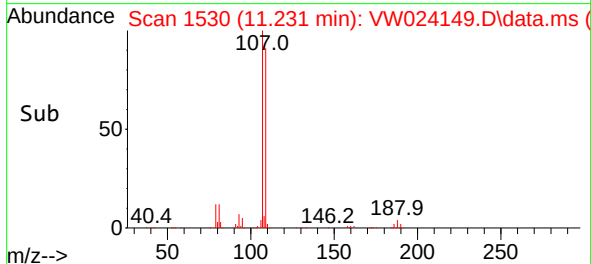
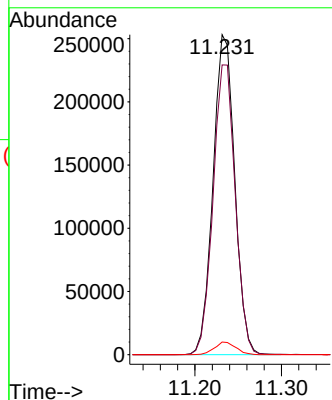
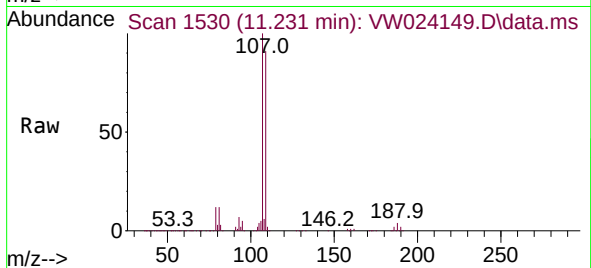
Tgt Ion:107 Resp: 440542

Ion Ratio Lower Upper

107 100

109 90.6 72.1 133.9

188 3.9 3.0 4.4



#51

Chlorobenzene

Concen: 96.246 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

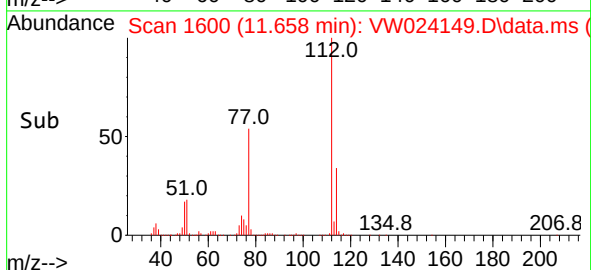
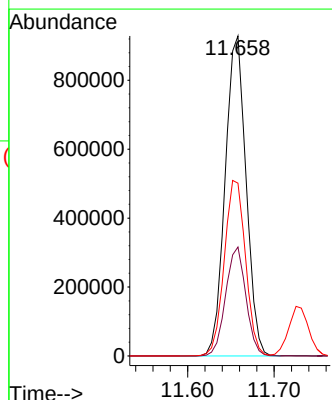
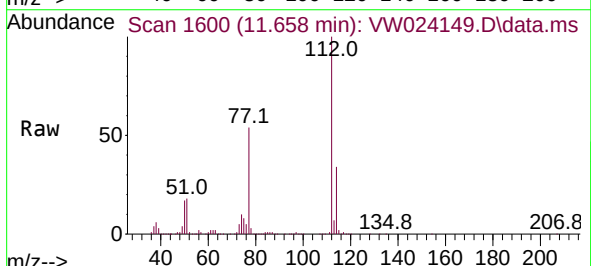
Tgt Ion:112 Resp: 1560432

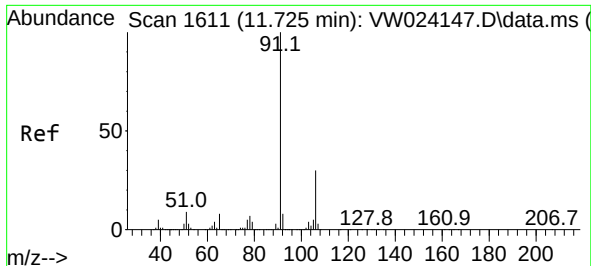
Ion Ratio Lower Upper

112 100

114 34.0 23.4 43.4

77 54.0 45.0 67.6

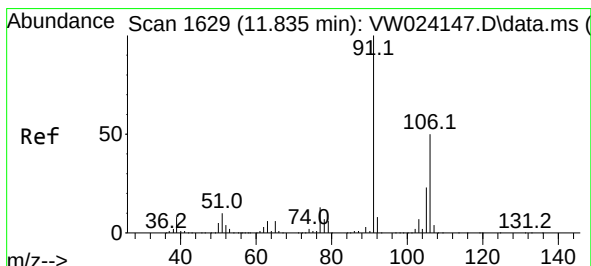
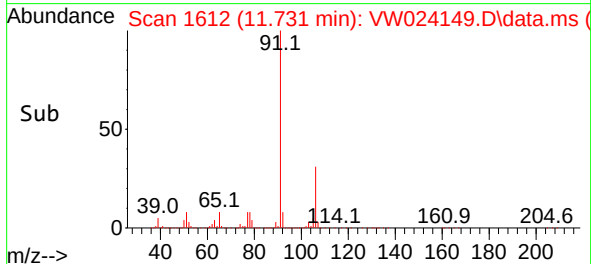
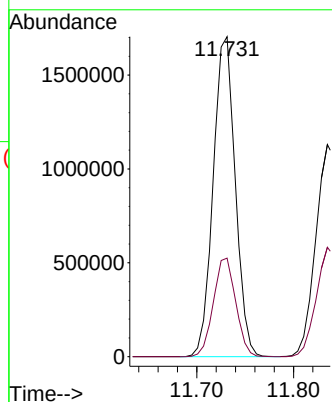
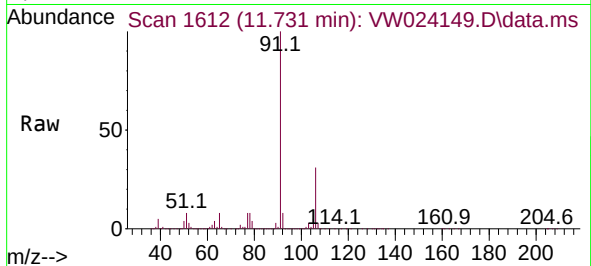




#52
Ethylbenzene
Concen: 105.208 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

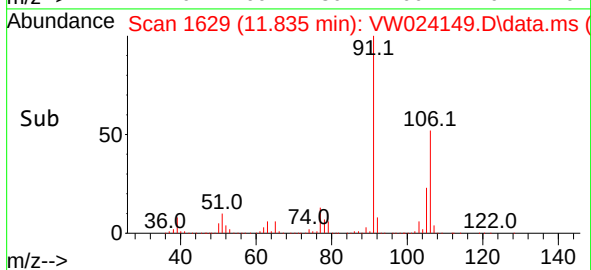
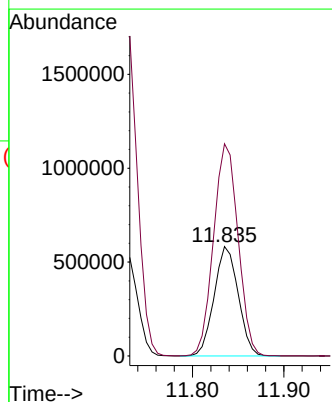
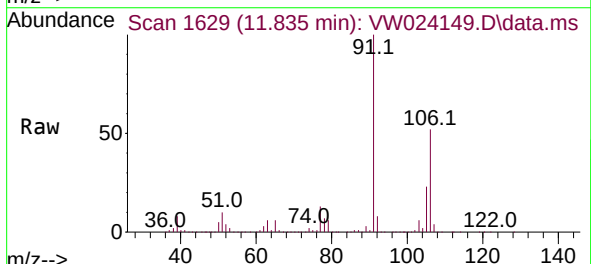
Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

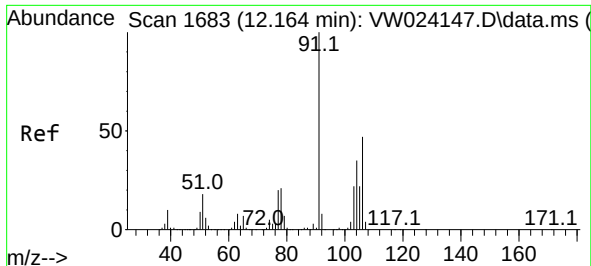
Tgt Ion: 91 Resp: 2702883
Ion Ratio Lower Upper
91 100
106 30.8 20.7 38.5



#53
m,p-Xylene
Concen: 108.114 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion:106 Resp: 1066463
Ion Ratio Lower Upper
106 100
91 194.0 139.0 258.2

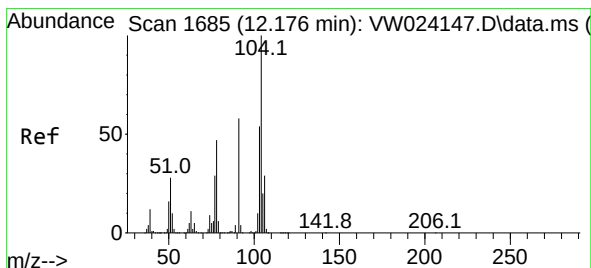
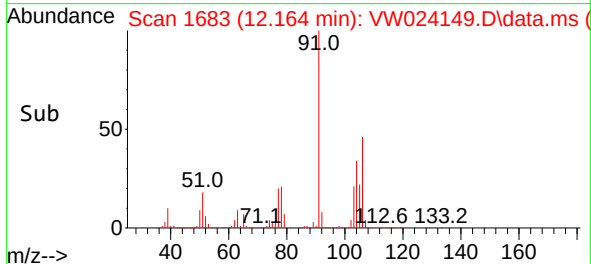
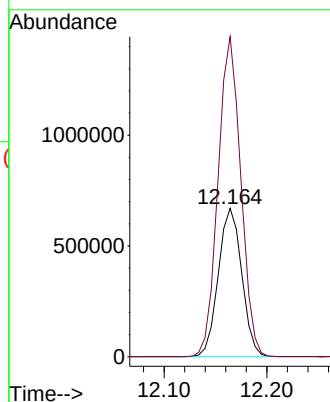
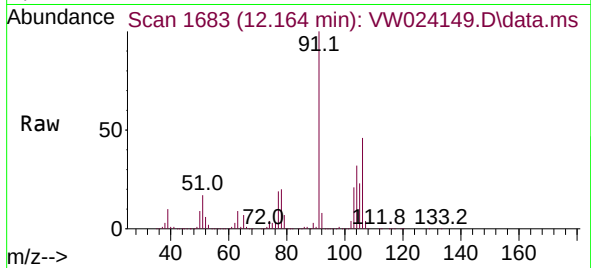




#54
o-Xylene
Concen: 112.245 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

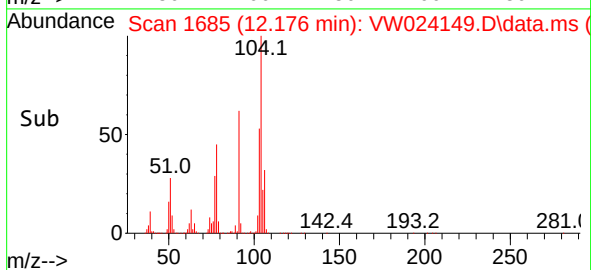
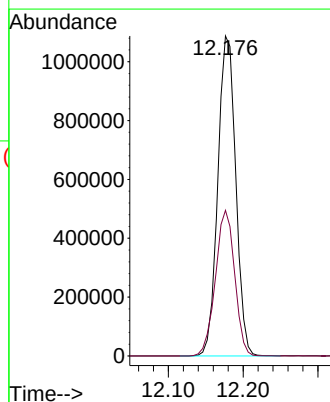
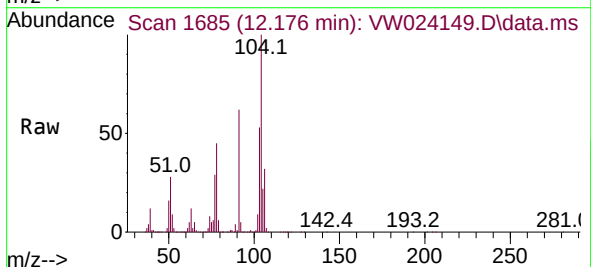
Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

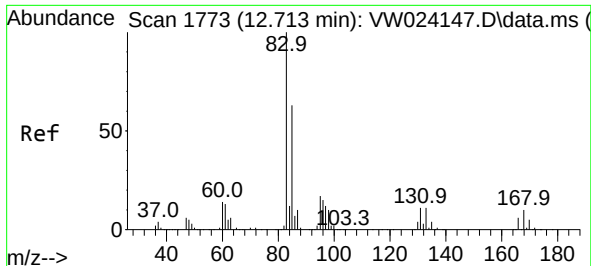
Tgt Ion:106 Resp: 1058694
Ion Ratio Lower Upper
106 100
91 215.9 148.7 276.3



#55
Styrene
Concen: 110.965 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion:104 Resp: 1816822
Ion Ratio Lower Upper
104 100
78 45.5 33.1 61.5





#57

1,1,2,2-Tetrachloroethane

Concen: 98.565 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD100405

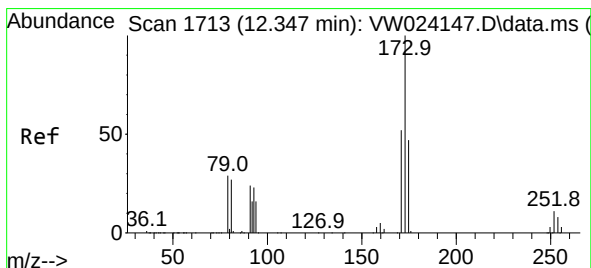
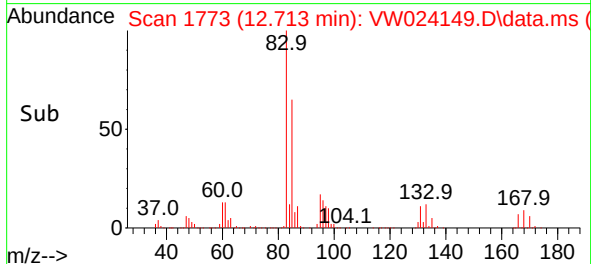
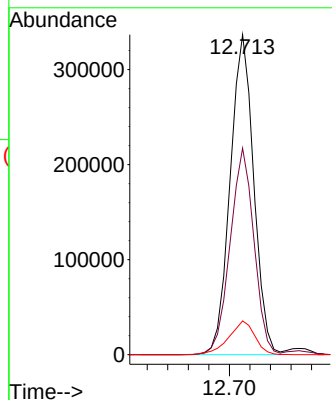
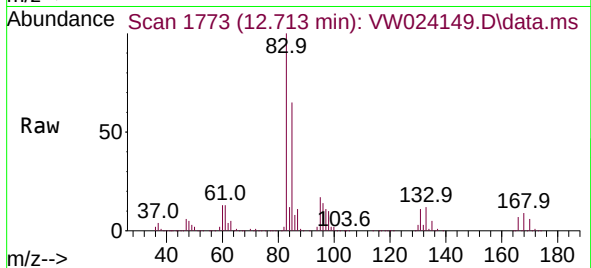
Tgt Ion: 83 Resp: 535610

Ion Ratio Lower Upper

83 100

85 64.5 44.0 81.8

131 10.6 8.6 12.8



#59

Bromoform

Concen: 105.268 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

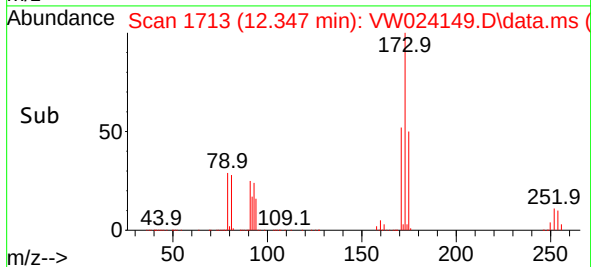
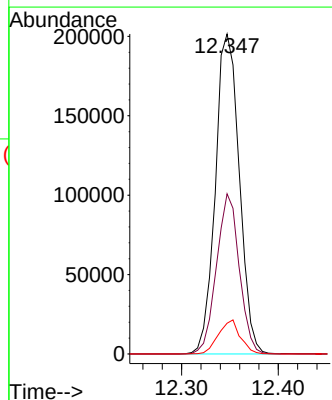
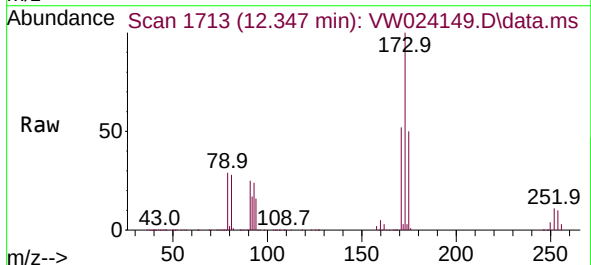
Tgt Ion:173 Resp: 346149

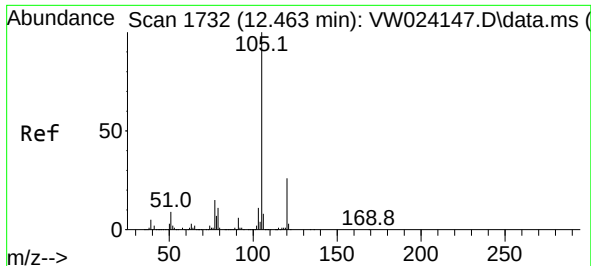
Ion Ratio Lower Upper

173 100

175 47.6 39.0 58.4

254 9.7 7.2 10.8

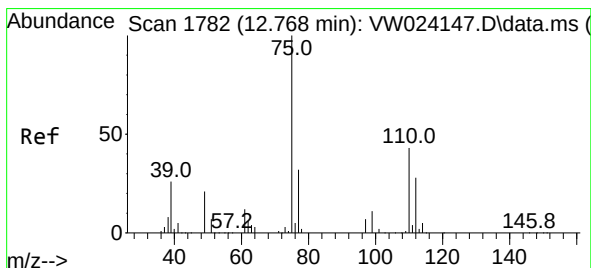
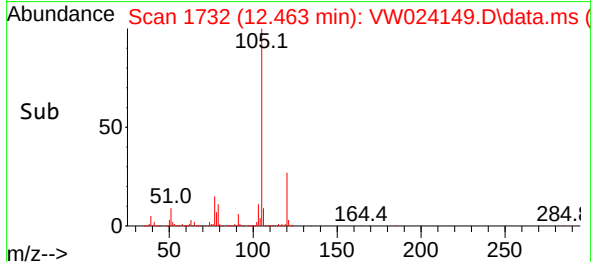
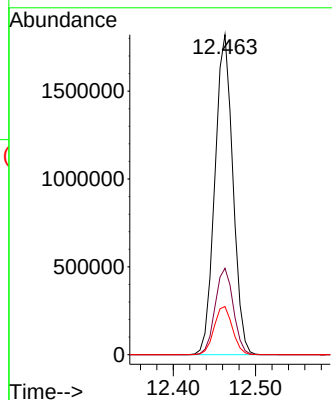
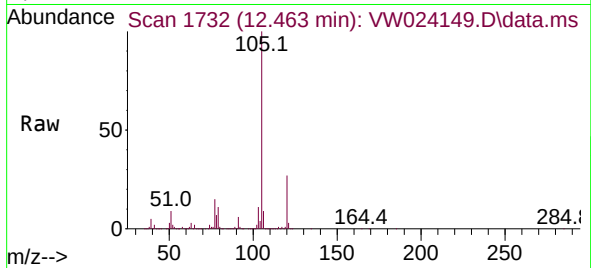




#60
Isopropylbenzene
Concen: 104.270 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

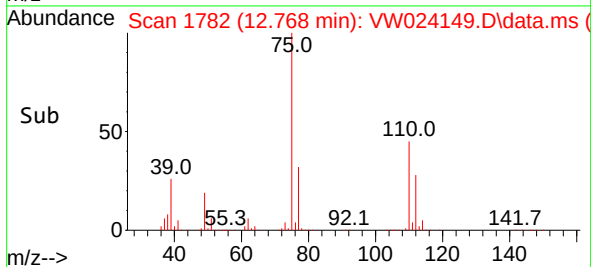
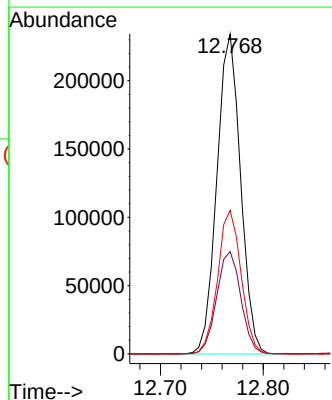
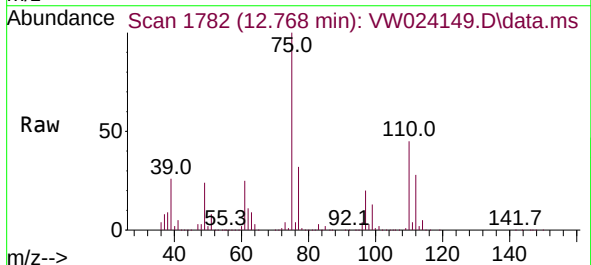
Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

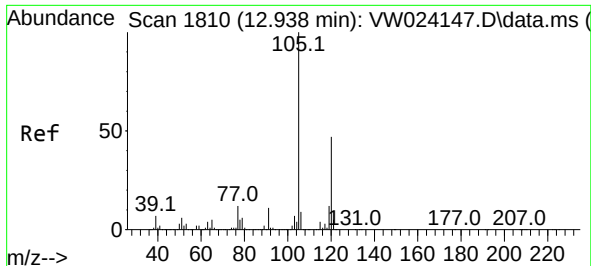
Tgt Ion:105 Resp: 2775721
Ion Ratio Lower Upper
105 100
120 27.3 21.2 31.8
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 89.046 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion: 75 Resp: 374355
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 44.5 34.7 52.1

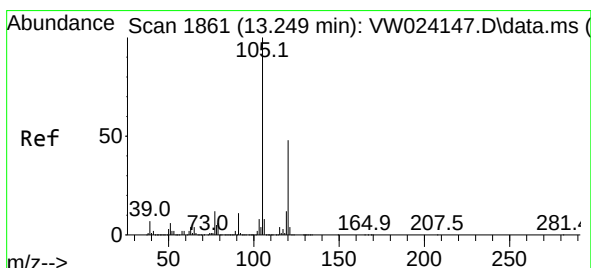
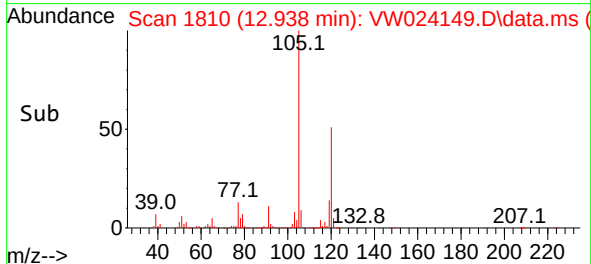
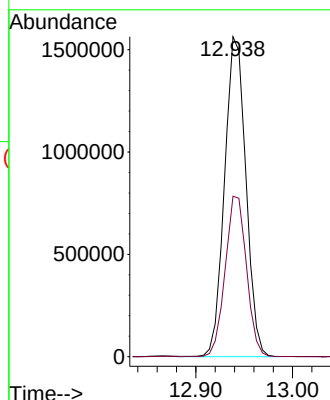
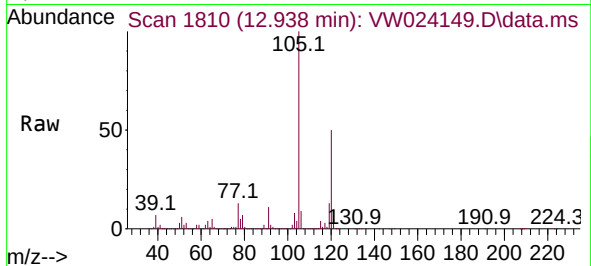




#62
 1,3,5-Trimethylbenzene
 Concen: 109.809 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW024149.D
 Acq: 03 Aug 2022 10:50

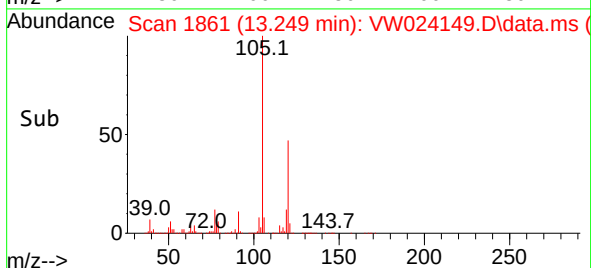
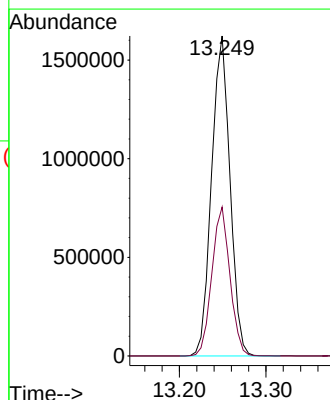
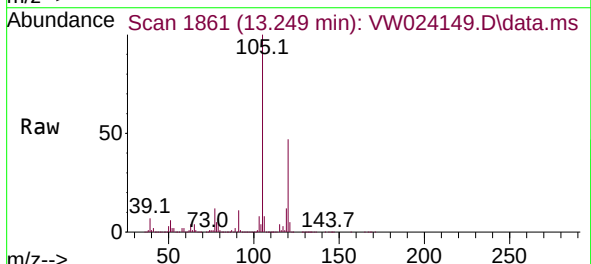
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100405

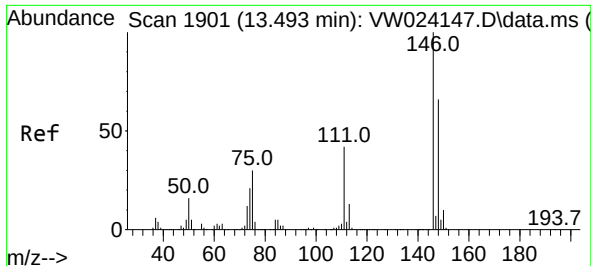
Tgt Ion:105 Resp: 2393605
 Ion Ratio Lower Upper
 105 100
 120 50.1 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 111.408 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW024149.D
 Acq: 03 Aug 2022 10:50

Tgt Ion:105 Resp: 2395435
 Ion Ratio Lower Upper
 105 100
 120 45.7 38.5 57.7

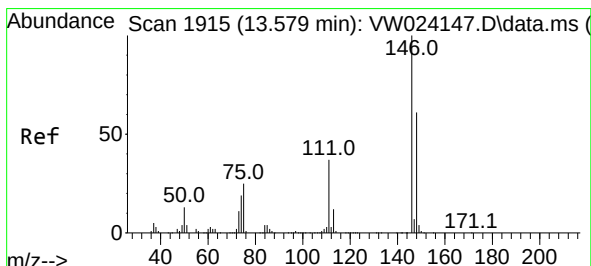
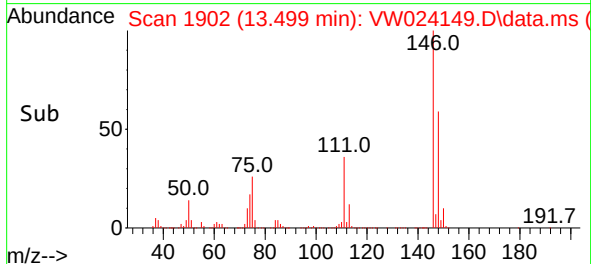
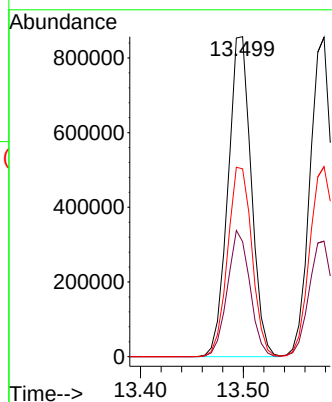
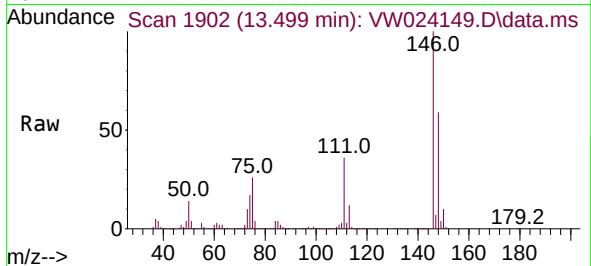




#64
1,3-Dichlorobenzene
Concen: 100.572 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

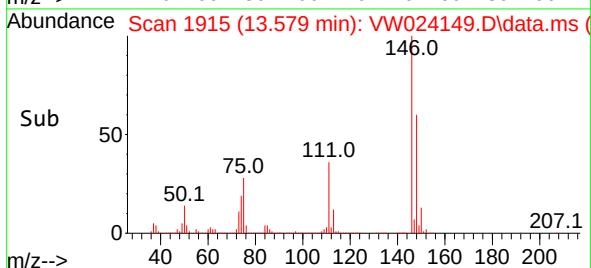
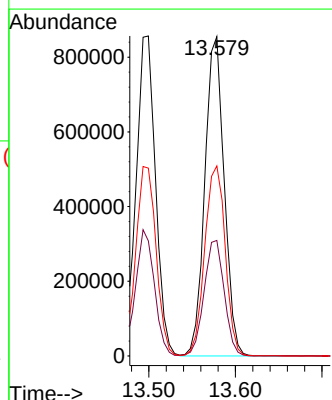
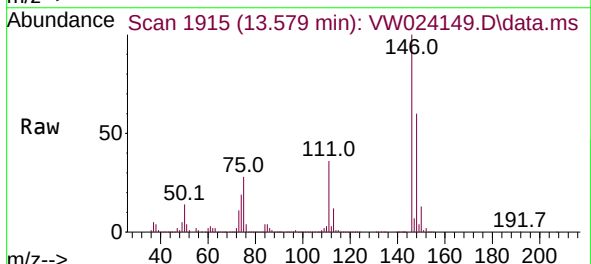
Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

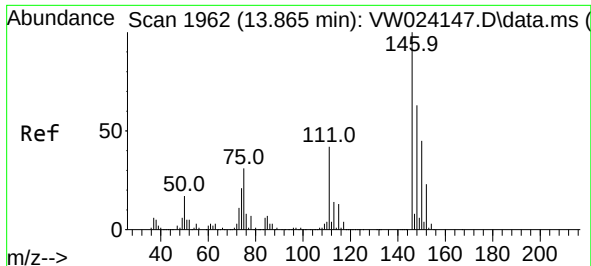
Tgt Ion:146 Resp: 1351368
Ion Ratio Lower Upper
146 100
111 35.9 29.3 54.5
148 58.7 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 95.181 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion:146 Resp: 1326776
Ion Ratio Lower Upper
146 100
111 36.2 26.2 48.6
148 59.5 43.0 79.8

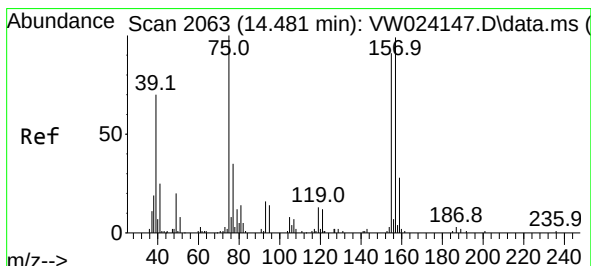
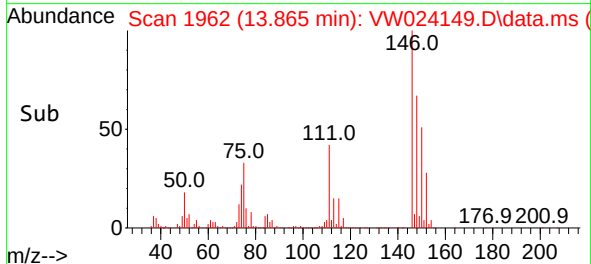
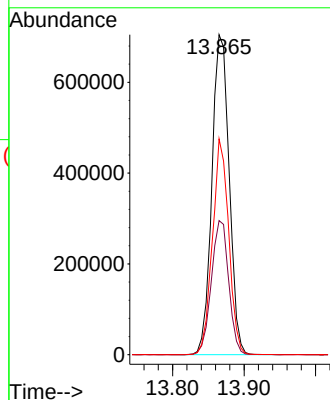
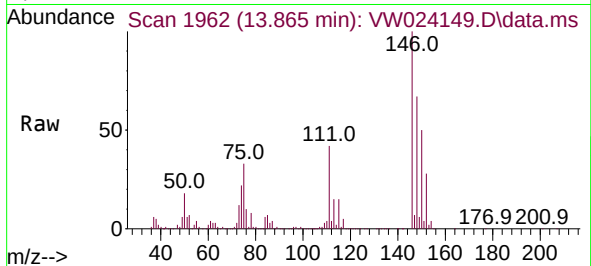




#67
1,2-Dichlorobenzene
Concen: 96.263 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

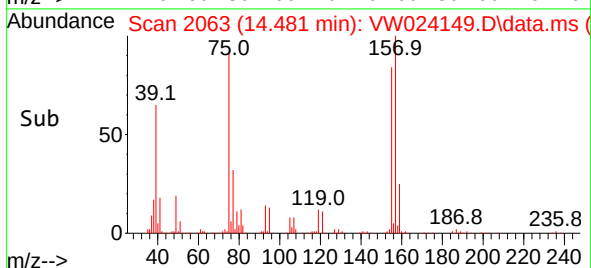
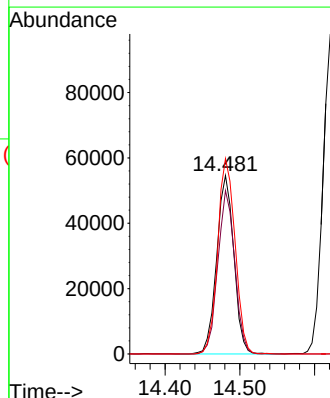
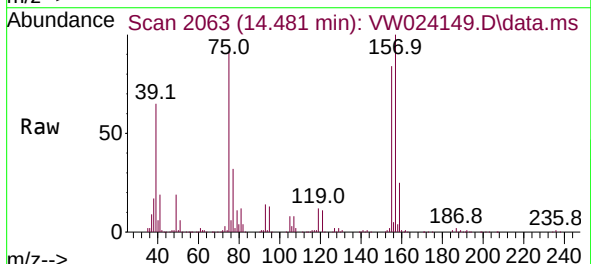
Instrument :
MSVOA_W
ClientSampleId :
VSTD100405

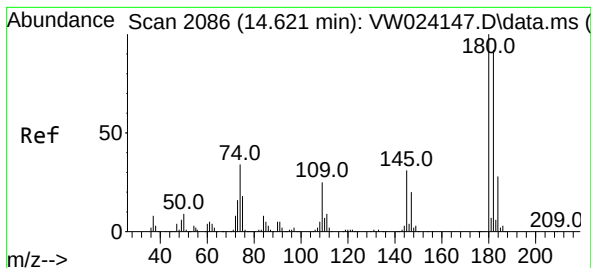
Tgt Ion:146 Resp: 1179741
Ion Ratio Lower Upper
146 100
111 41.9 33.7 50.5
148 67.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 93.673 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024149.D
Acq: 03 Aug 2022 10:50

Tgt Ion: 75 Resp: 87385
Ion Ratio Lower Upper
75 100
155 91.6 72.6 109.0
157 109.6 79.1 118.7





#69

1,3,5-Trichlorobenzene

Concen: 104.821 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD100405

Tgt Ion:180 Resp: 935724

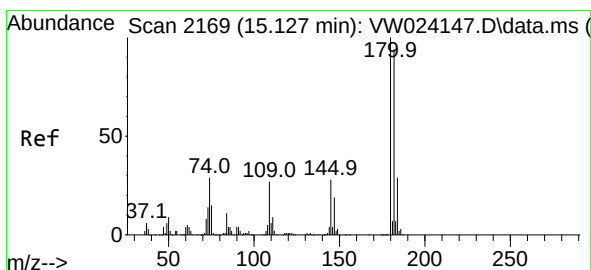
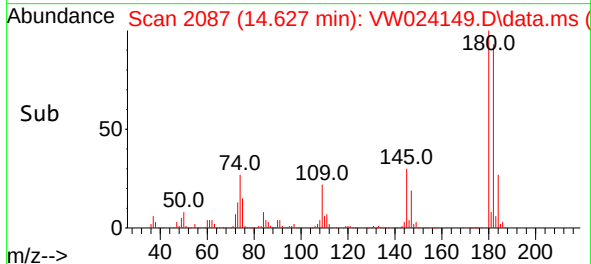
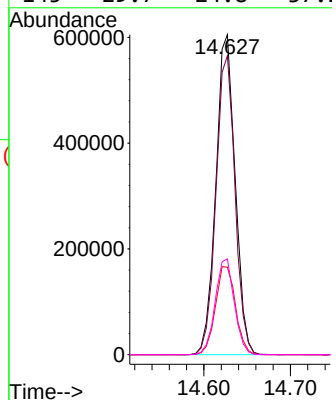
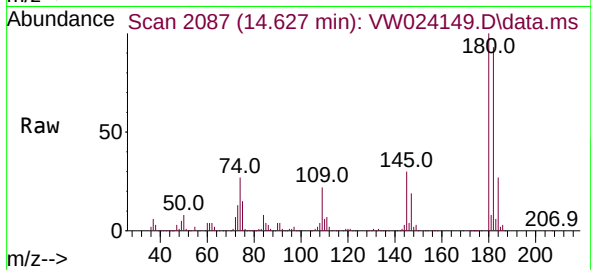
Ion Ratio Lower Upper

180 100

182 92.0 76.5 114.7

184 28.7 23.7 35.5

145 29.7 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 110.712 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

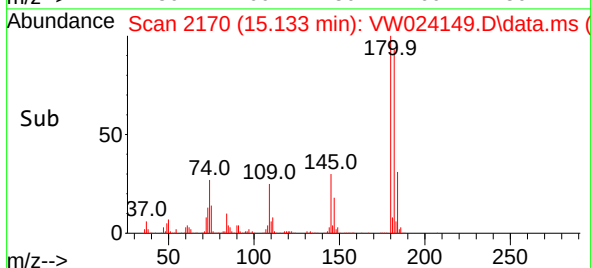
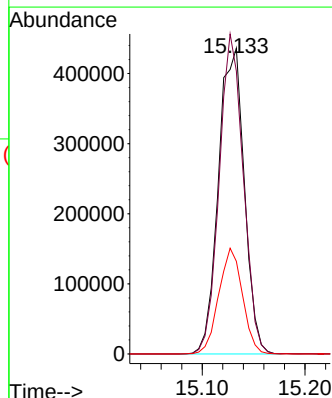
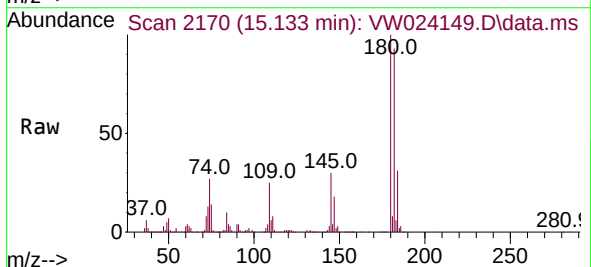
Tgt Ion:180 Resp: 761751

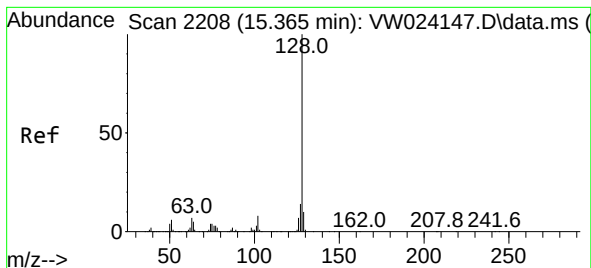
Ion Ratio Lower Upper

180 100

182 97.3 79.0 118.6

145 31.7 24.3 36.5





#71

Naphthalene

Concen: 121.549 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD100405

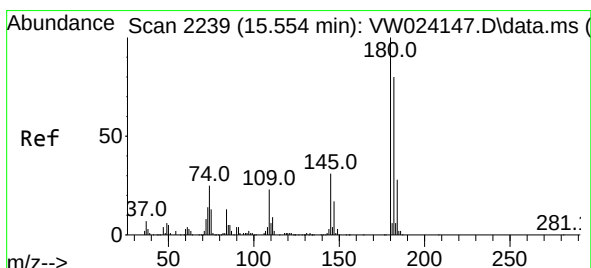
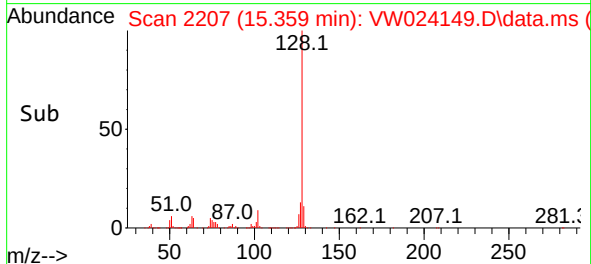
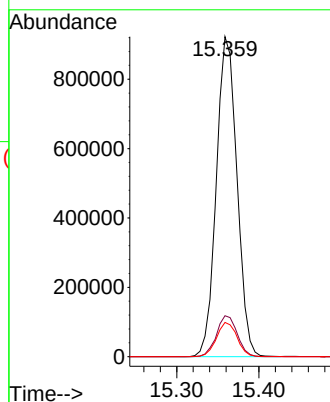
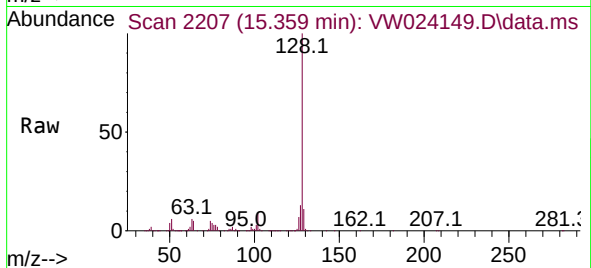
Tgt Ion:128 Resp: 1611715

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 112.439 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024149.D

Acq: 03 Aug 2022 10:50

Tgt Ion:180 Resp: 711202

Ion Ratio Lower Upper

180 100

182 89.3 73.4 110.2

145 32.2 26.6 40.0

