

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092122\
 Data File : VW024619.D
 Acq On : 21 Sep 2022 14:23
 Operator : SY/VA
 Sample : VSTD05042
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 01:35:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 22 01:32:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	445577	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	423867	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	225881	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	462083	45.450	ug/L	0.00
7) Chloroethane-d5	2.873	69	375419	43.828	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	548872	48.678	ug/L	0.00
21) 2-Butanone-d5	7.079	46	120597	88.343	ug/L	0.00
24) Chloroform-d	7.646	84	593113	46.806	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	312901	45.642	ug/L	0.00
32) Benzene-d6	8.274	84	1158214	48.736	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	325874	47.797	ug/L	0.00
41) Toluene-d8	10.323	98	1156354	50.014	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	154667	50.806	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	112148	102.994	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	278898	46.905	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	397803	49.192	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	90500	44.698	ug/L	93
3) Chloromethane	2.208	50	357550	45.057	ug/L	97
5) Vinyl chloride	2.355	62	507376	45.360	ug/L	97
6) Bromomethane	2.769	94	432771	43.567	ug/L	96
8) Chloroethane	2.909	64	308598	44.662	ug/L	99
9) Trichlorofluoromethane	3.245	101	208289	47.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.049	101	298186	47.161	ug/L	97
12) 1,1-Dichloroethene	4.031	96	276335	49.437	ug/L	95
13) Acetone	4.129	43	82097	79.899	ug/L	99
14) Carbon disulfide	4.379	76	855707	49.133	ug/L	98
15) Methyl Acetate	4.671	43	107260	43.220	ug/L	100
16) Methylene chloride	4.909	84	294952	39.160	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	316558	52.547	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	491816	48.675	ug/L	100
19) 1,1-Dichloroethane	6.214	63	514007	48.154	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	327451	49.621	ug/L #	96
22) 2-Butanone	7.171	43	142251	90.528	ug/L	97
23) Bromochloromethane	7.512	128	149451	47.677	ug/L	93
25) Chloroform	7.677	83	559074	47.544	ug/L	99
27) 1,2-Dichloroethane	8.396	62	363615	46.631	ug/L	96
29) Cyclohexane	7.957	56	496035	52.364	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	481489	48.905	ug/L	100
31) Carbon tetrachloride	8.067	117	461599	49.276	ug/L	100
33) Benzene	8.323	78	1237723	49.021	ug/L	100
34) Trichloroethene	9.091	95	333143	48.690	ug/L	96
35) Methylcyclohexane	9.335	83	592237	51.875	ug/L	98
37) 1,2-Dichloropropane	9.366	63	289716	48.853	ug/L	99
38) Bromodichloromethane	9.646	83	411643	48.786	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	477707	51.647	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	343495	100.849	ug/L	99
42) Toluene	10.384	91	1427963	50.378	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	423597	51.560	ug/L	98

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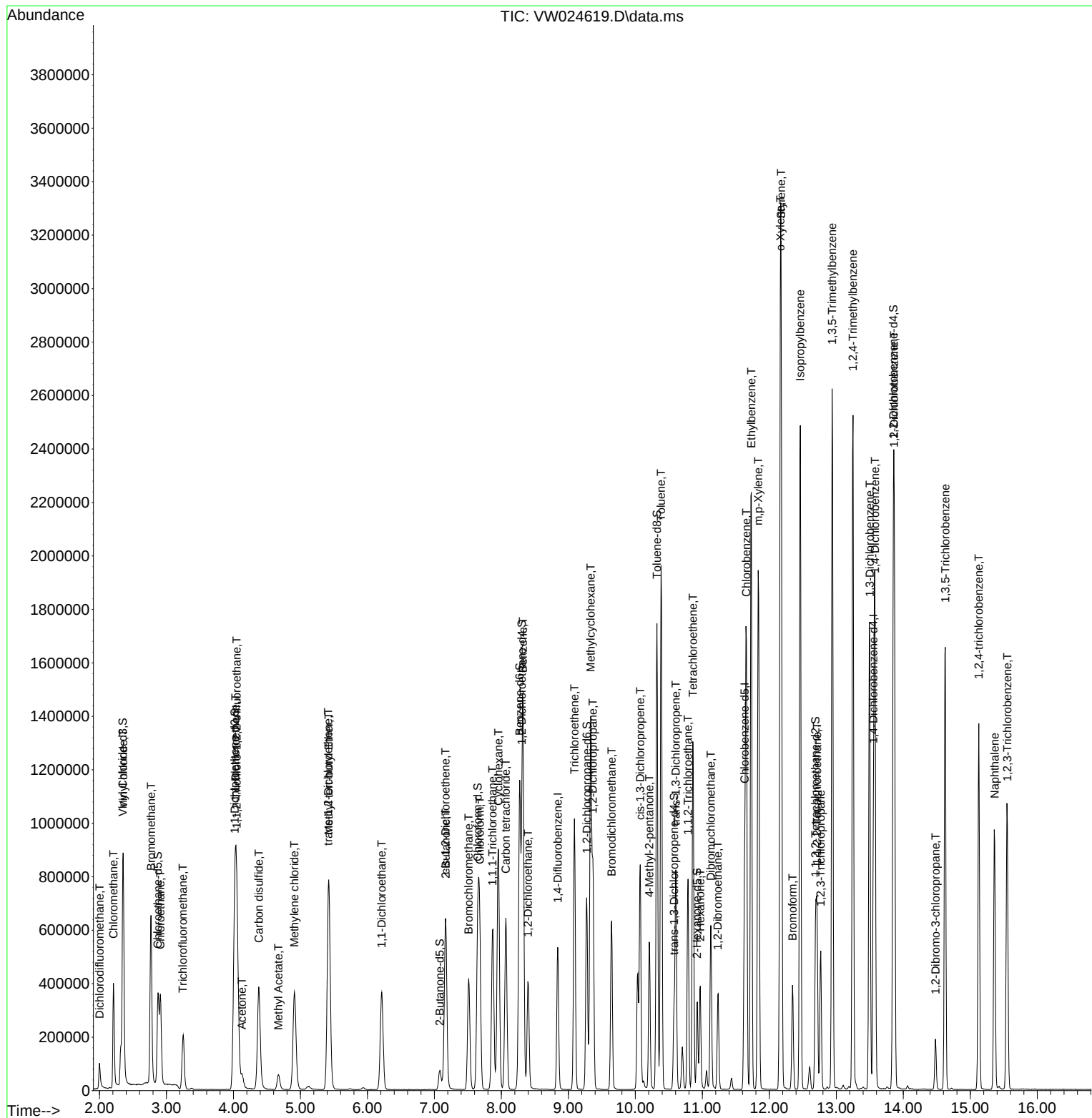
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	236405	47.901	ug/L	96
46) Tetrachloroethene	10.859	164	272808	50.673	ug/L	97
48) 2-Hexanone	10.969	43	237330	101.552	ug/L	99
49) Dibromochloromethane	11.127	129	311451	52.208	ug/L	93
50) 1,2-Dibromoethane	11.231	107	233222	48.432	ug/L	98
51) Chlorobenzene	11.658	112	910244	48.695	ug/L	98
52) Ethylbenzene	11.731	91	1596044	51.263	ug/L	99
53) m,p-Xylene	11.835	106	645474	52.205	ug/L	96
54) o-Xylene	12.164	106	600585	51.779	ug/L	96
55) Styrene	12.176	104	1058596	53.061	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	281219	47.631	ug/L	98
59) Bromoform	12.347	173	173553	52.602	ug/L	99
60) Isopropylbenzene	12.463	105	1635684	51.599	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	200889	47.678	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	1376785	53.460	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1394832	54.128	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	717300	50.176	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	706074	48.014	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	663029	50.228	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	44893	45.757	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	494447	52.616	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	393992	52.404	ug/L	98
71) Naphthalene	15.365	128	826722	54.998	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	349732	51.190	ug/L	99

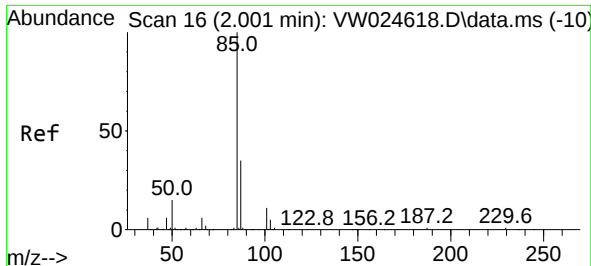
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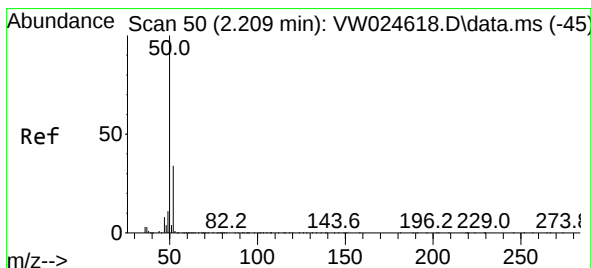
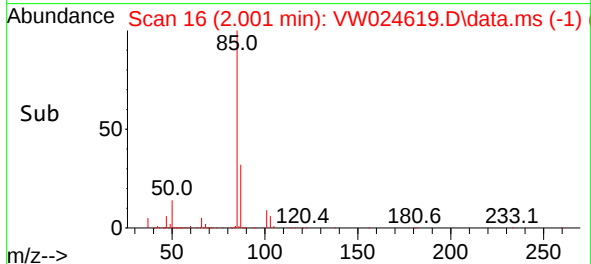
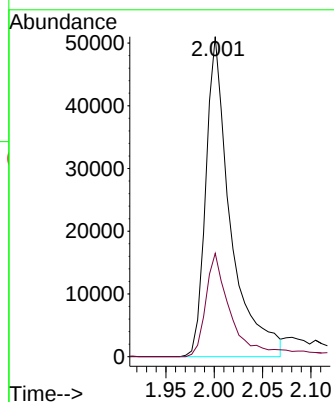
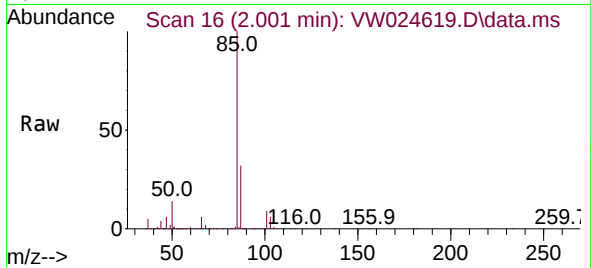




#2
 Dichlorodifluoromethane
 Concen: 44.698 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024619.D
 Acq: 21 Sep 2022 14:23

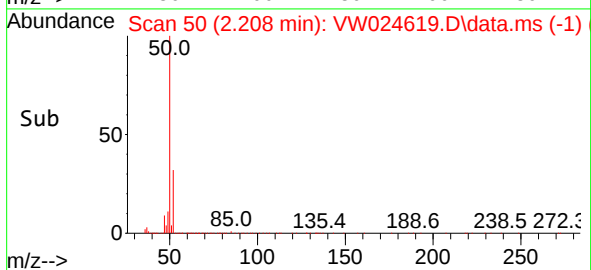
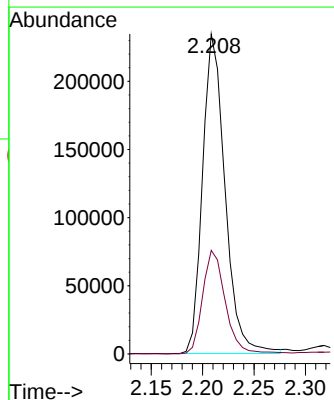
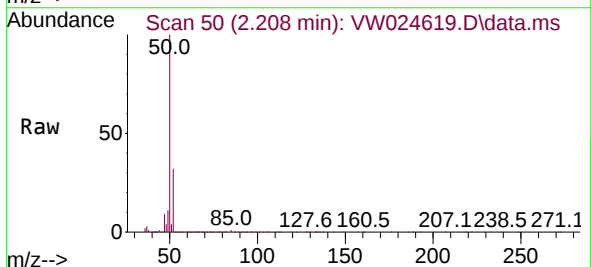
Instrument :
 MSVOA_W
 ClientSampleId :

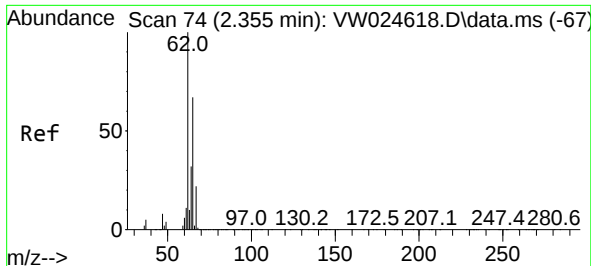
Tgt Ion: 85 Resp: 90500
 Ion Ratio Lower Upper
 85 100
 87 31.1 27.9 41.9



#3
 Chloromethane
 Concen: 45.057 ug/L
 RT: 2.208 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024619.D
 Acq: 21 Sep 2022 14:23

Tgt Ion: 50 Resp: 357550
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.9 44.3

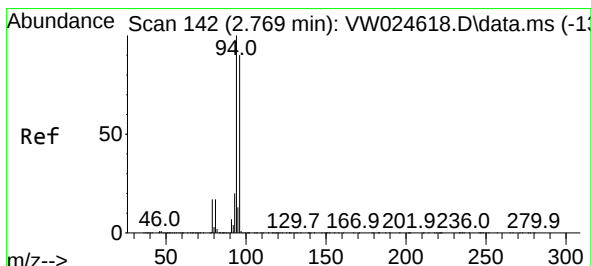
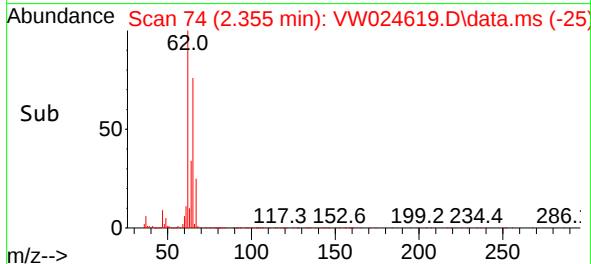
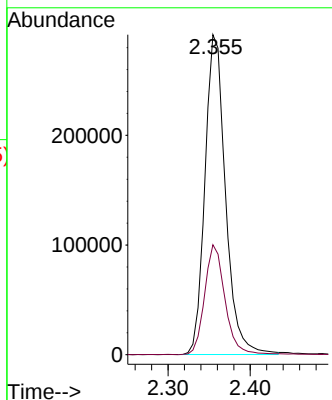
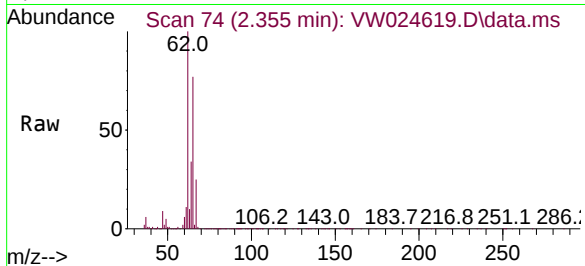




#5
 Vinyl chloride
 Concen: 45.360 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW024619.D
 Acq: 21 Sep 2022 14:23

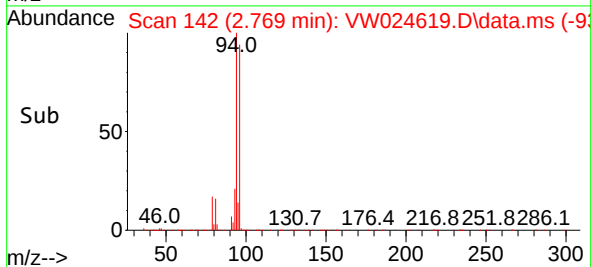
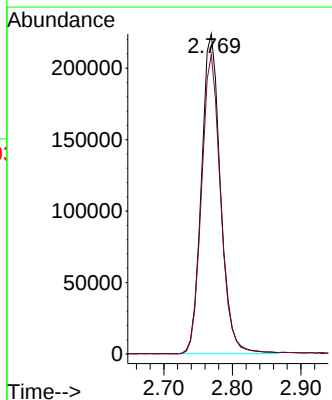
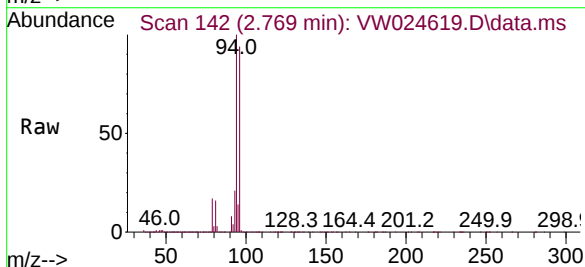
Instrument :
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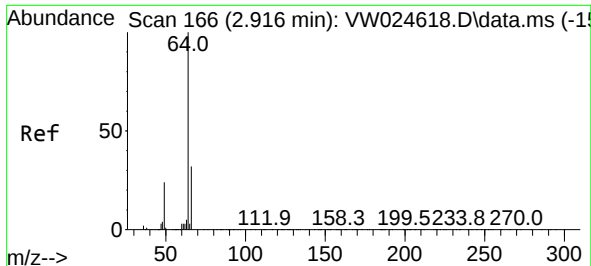
Tgt Ion: 62 Resp: 507376
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.7 42.1



#6
 Bromomethane
 Concen: 43.567 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW024619.D
 Acq: 21 Sep 2022 14:23

Tgt Ion: 94 Resp: 432771
 Ion Ratio Lower Upper
 94 100
 96 93.5 63.0 117.0

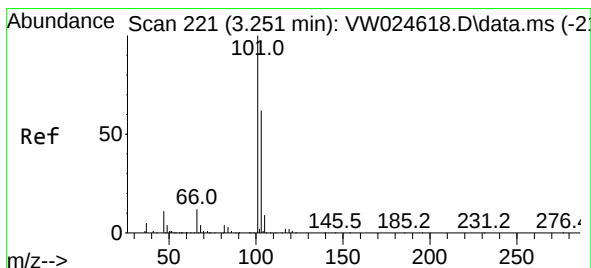
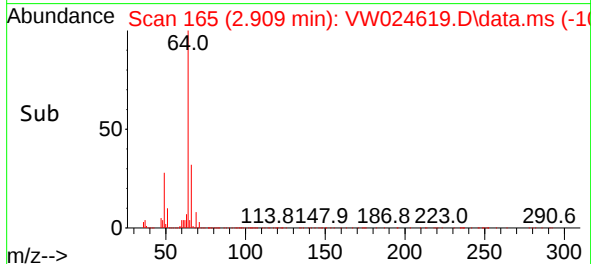
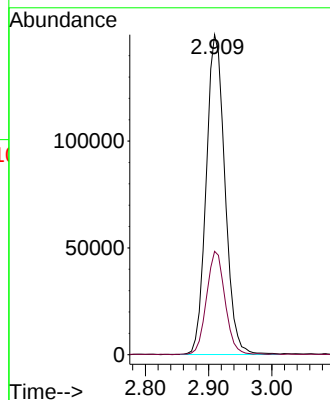
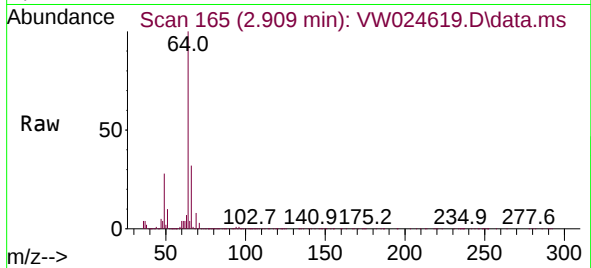




#8
Chloroethane
Concen: 44.662 ug/L
RT: 2.909 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

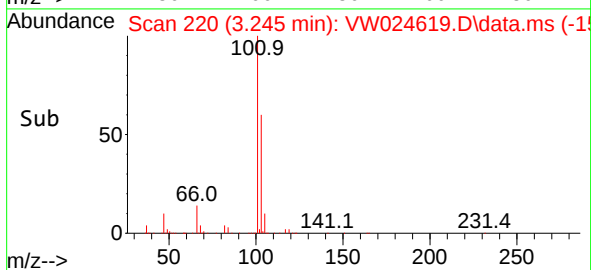
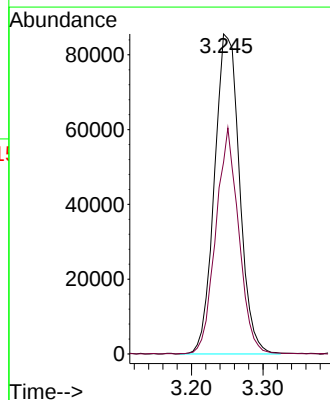
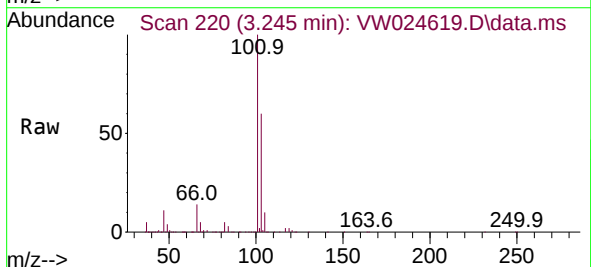
Instrument :
MSVOA_W
ClientSampleId :

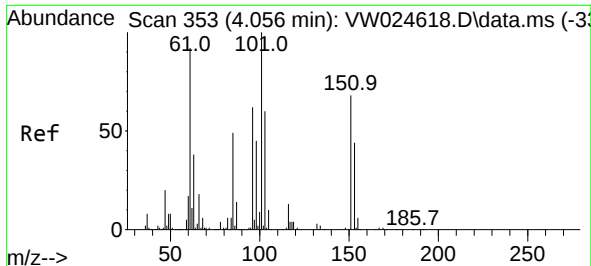
Tgt Ion: 64 Resp: 308598
Ion Ratio Lower Upper
64 100
66 32.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.604 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

Tgt Ion: 101 Resp: 208289
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 47.161 ug/L

RT: 4.049 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

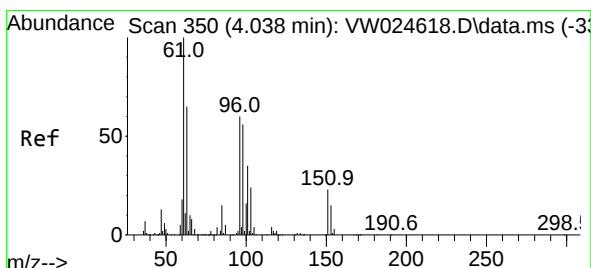
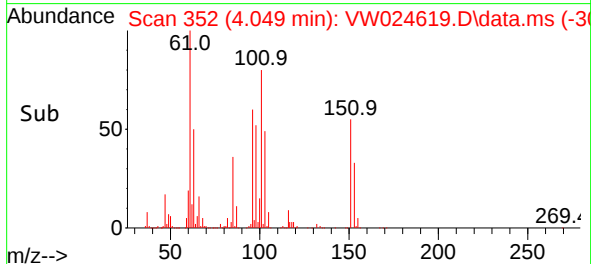
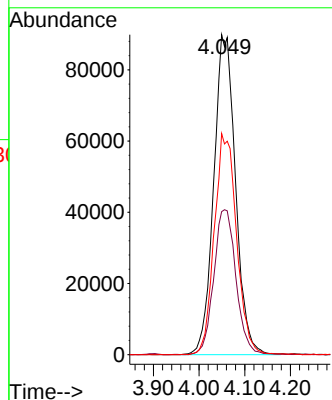
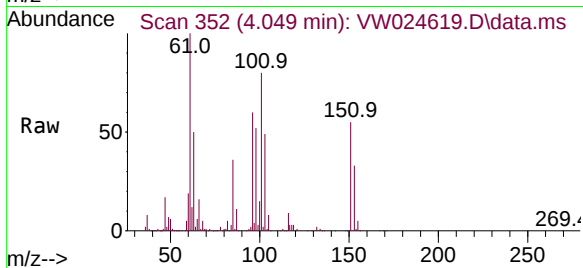
Tgt Ion:101 Resp: 298186

Ion Ratio Lower Upper

101 100

85 46.1 37.4 56.0

151 35.5 31.5 47.3



#12

1,1-Dichloroethene

Concen: 49.437 ug/L

RT: 4.031 min Scan# 349

Delta R.T. -0.006 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

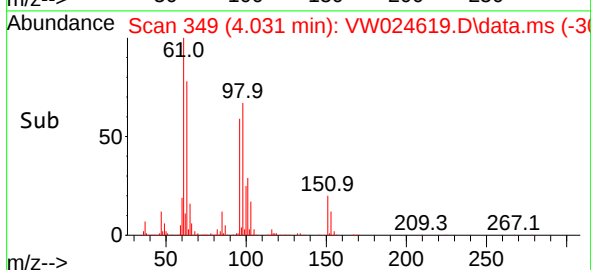
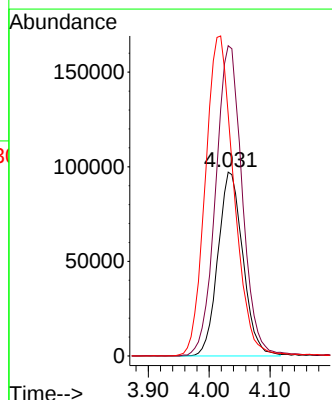
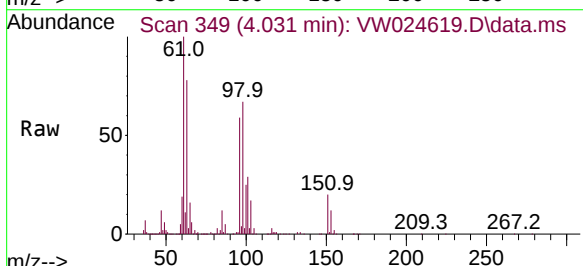
Tgt Ion: 96 Resp: 276335

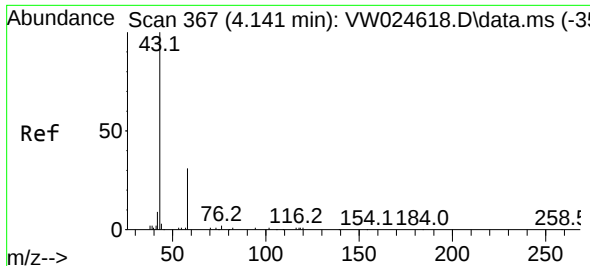
Ion Ratio Lower Upper

96 100

61 168.8 118.4 220.0

63 131.4 82.4 153.0

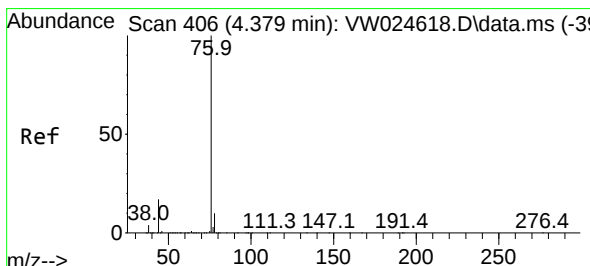
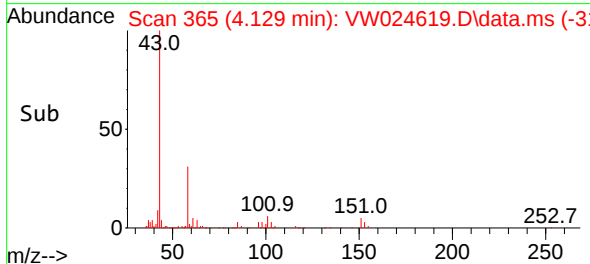
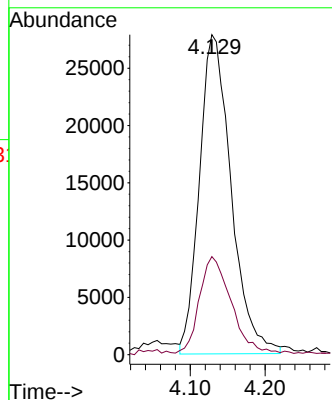
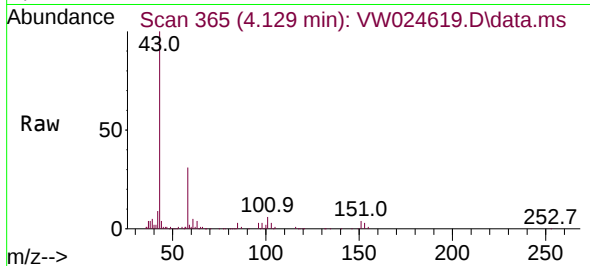




#13
Acetone
Concen: 79.899 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

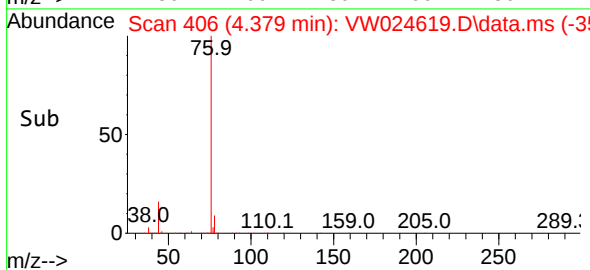
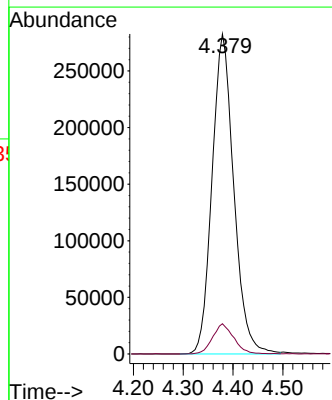
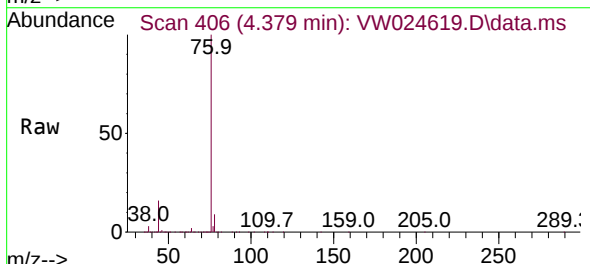
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MSVOA_W
ClientSampleId :

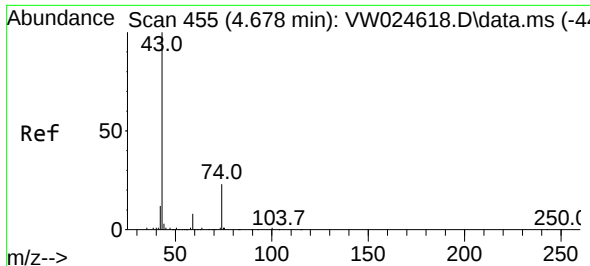
Tgt Ion: 43 Resp: 82097
Ion Ratio Lower Upper
43 100
58 30.8 0.0 62.2



#14
Carbon disulfide
Concen: 49.133 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

Tgt Ion: 76 Resp: 855707
Ion Ratio Lower Upper
76 100
78 9.5 8.2 12.2

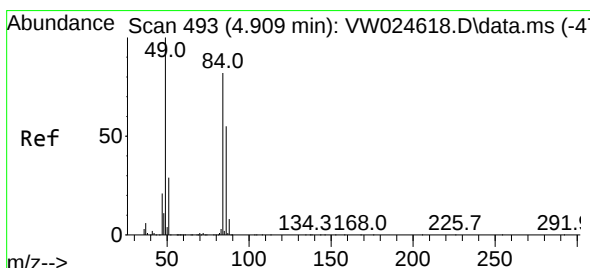
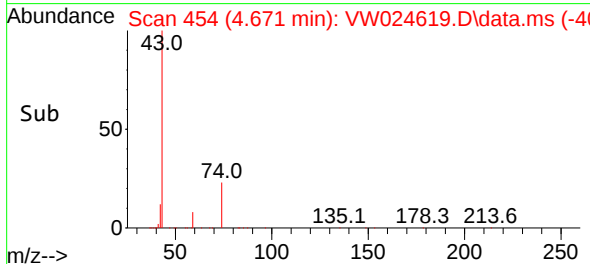
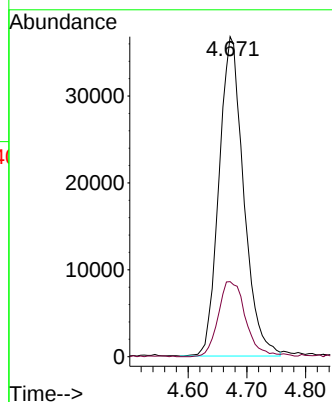
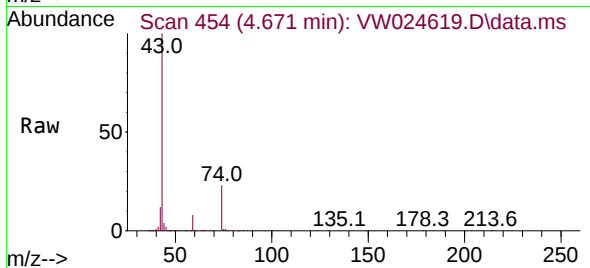




#15
Methyl Acetate
Concen: 43.220 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

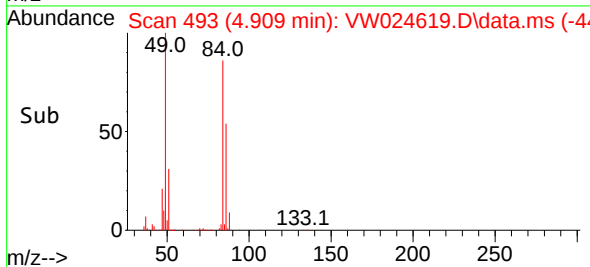
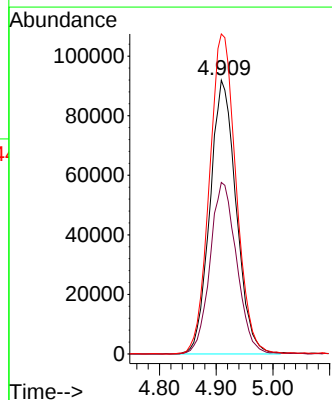
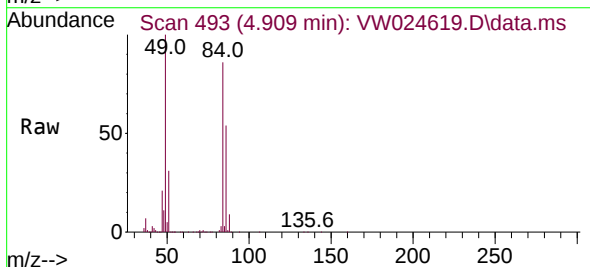
Instrument :
MSVOA_W
ClientSampleId :

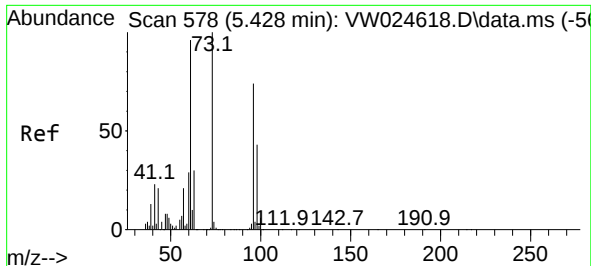
Tgt Ion: 43 Resp: 107260
Ion Ratio Lower Upper
43 100
74 26.0 20.6 31.0



#16
Methylene chloride
Concen: 39.160 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

Tgt Ion: 84 Resp: 294952
Ion Ratio Lower Upper
84 100
86 62.6 46.8 87.0
49 116.9 86.0 159.8

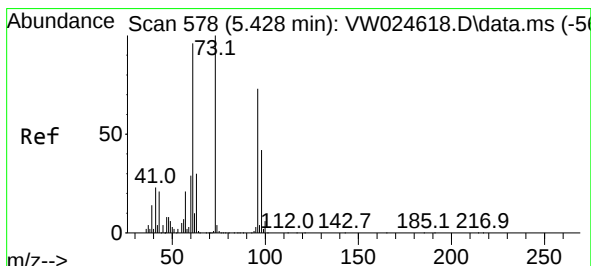
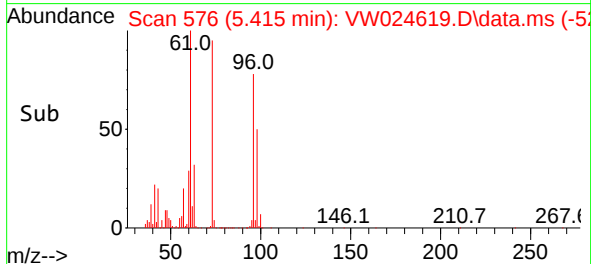
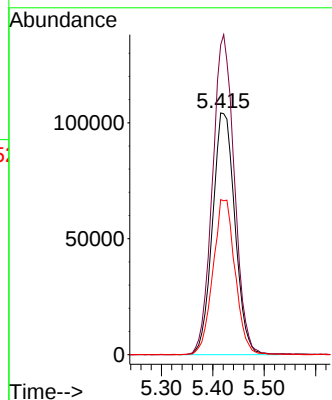
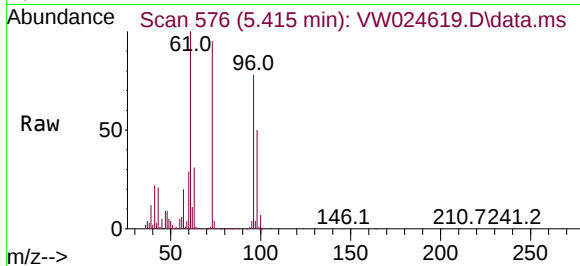




#17
trans-1,2-Dichloroethene
Concen: 52.547 ug/L
RT: 5.415 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

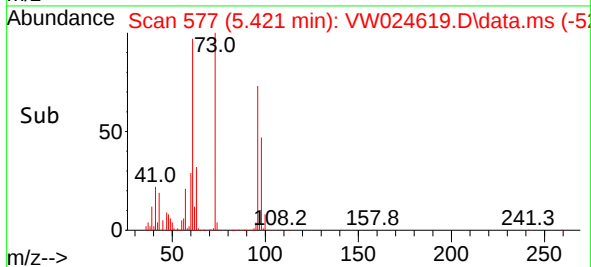
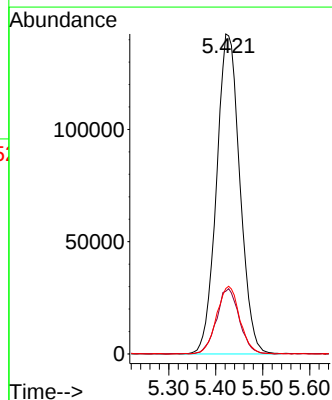
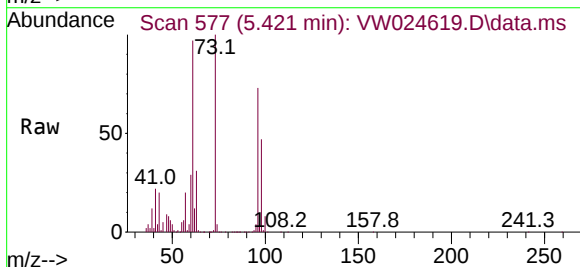
Instrument :
MSVOA_W
ClientSampleId :

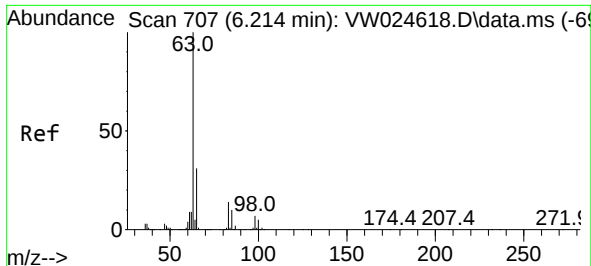
Tgt Ion: 96 Resp: 316558
Ion Ratio Lower Upper
96 100
61 128.2 91.2 169.4
98 64.2 40.5 75.1



#18
Methyl tert-butyl Ether
Concen: 48.675 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

Tgt Ion: 73 Resp: 491816
Ion Ratio Lower Upper
73 100
43 20.0 16.0 24.0
57 21.0 17.0 25.6





#19

1,1-Dichloroethane

Concen: 48.154 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

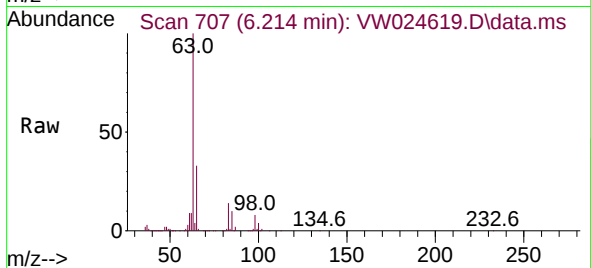
Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :



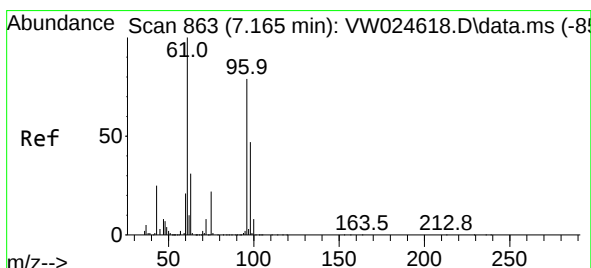
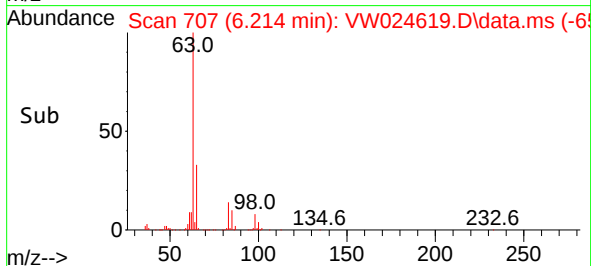
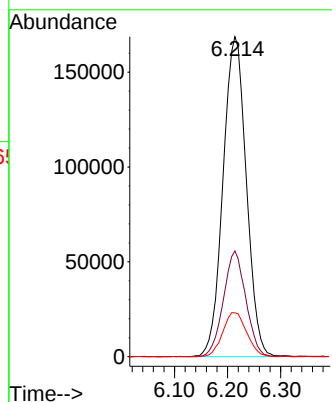
Tgt Ion: 63 Resp: 514007

Ion Ratio Lower Upper

63 100

65 33.0 21.9 40.7

83 13.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 49.621 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

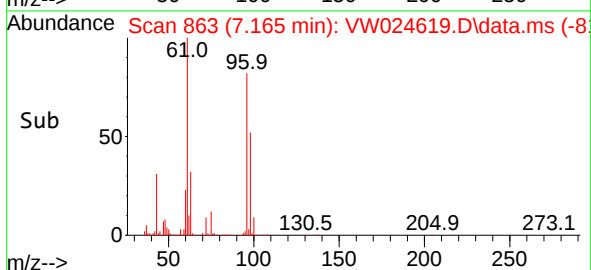
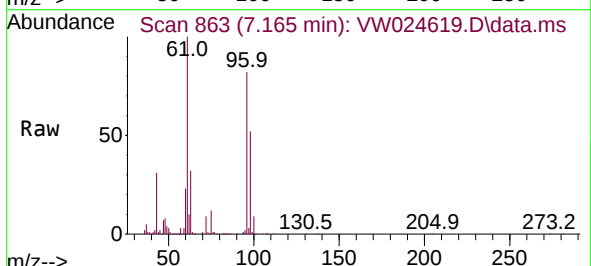
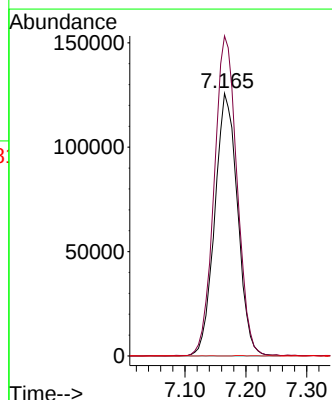
Tgt Ion: 96 Resp: 327451

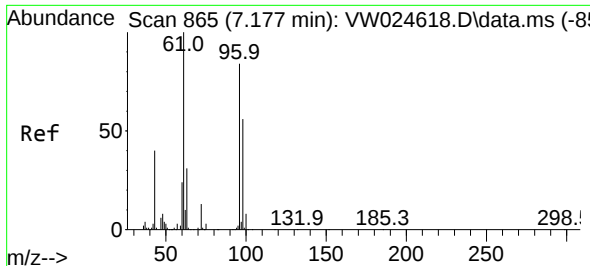
Ion Ratio Lower Upper

96 100

61 121.9 88.9 165.1

68 0.0 0.1 0.1#

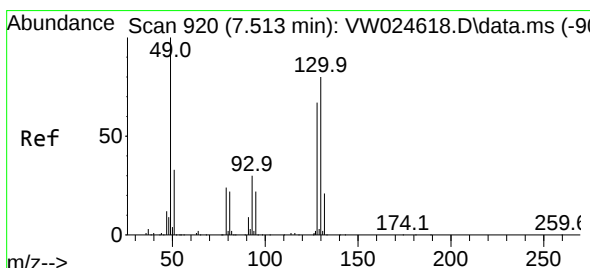
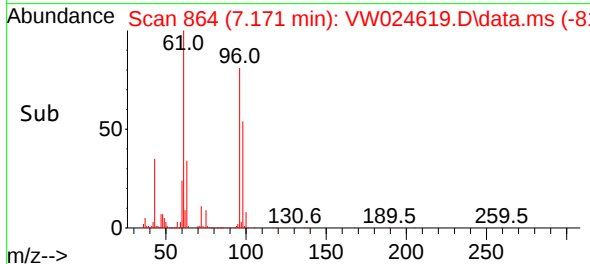
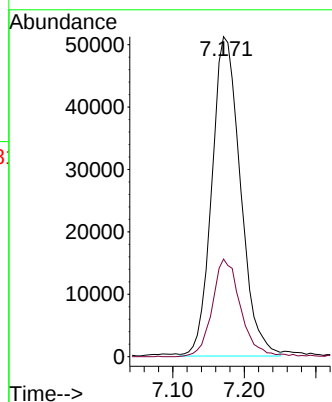
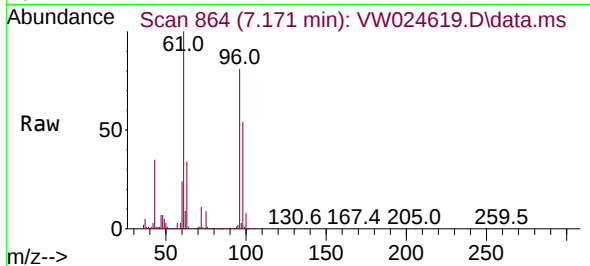




#22
2-Butanone
Concen: 90.528 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

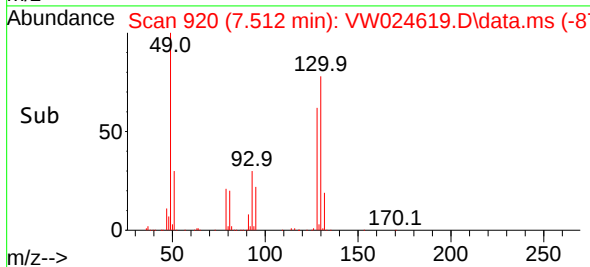
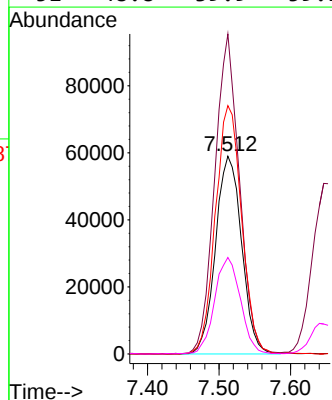
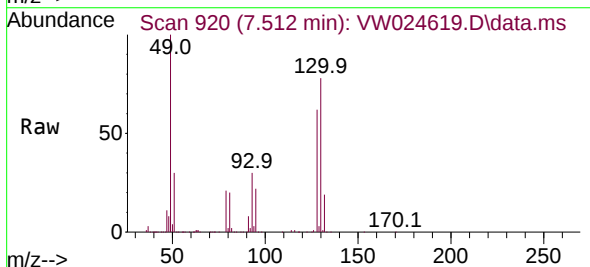
Instrument :
MSVOA_W
ClientSampleId :

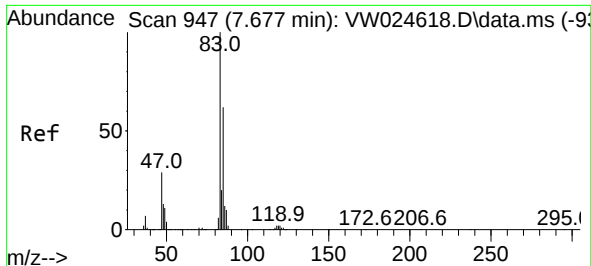
Tgt Ion: 43 Resp: 142251
Ion Ratio Lower Upper
43 100
72 29.9 15.8 47.4



#23
Bromochloromethane
Concen: 47.677 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

Tgt Ion: 128 Resp: 149451
Ion Ratio Lower Upper
128 100
49 161.8 104.9 194.9
130 125.5 84.0 156.0
51 48.8 39.9 59.9





#25

Chloroform

Concen: 47.544 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

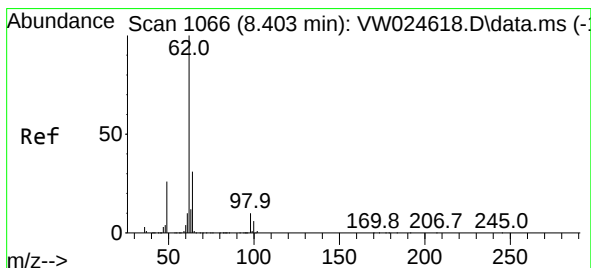
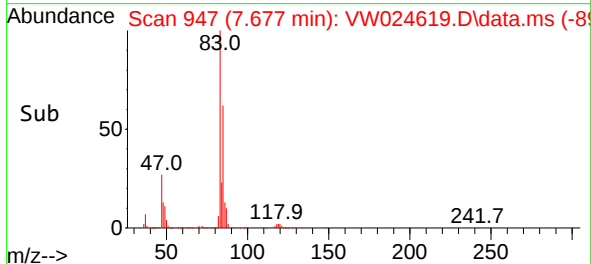
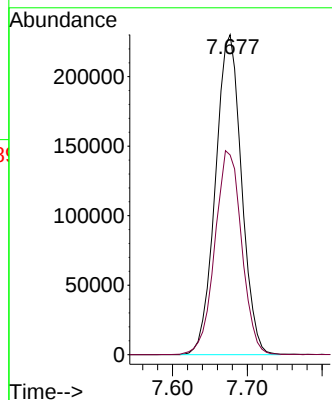
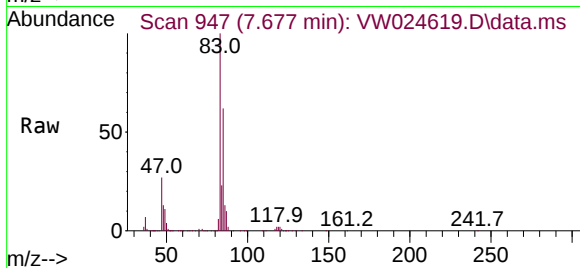
ClientSampleId :

Tgt Ion: 83 Resp: 559074

Ion Ratio Lower Upper

83 100

85 62.4 43.3 80.3



#27

1,2-Dichloroethane

Concen: 46.631 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW024619.D

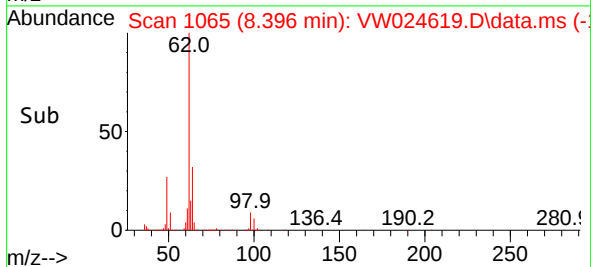
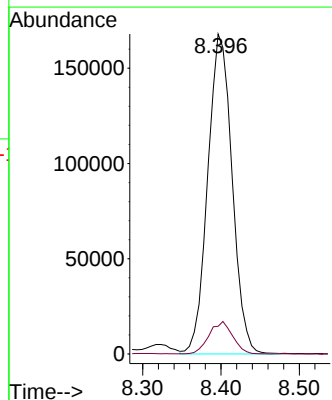
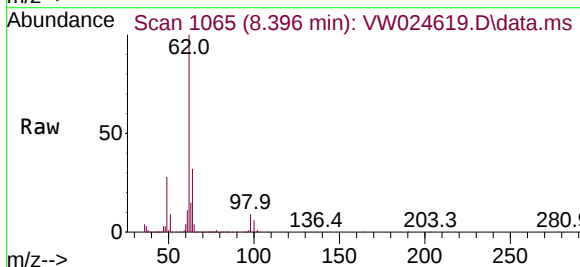
Acq: 21 Sep 2022 14:23

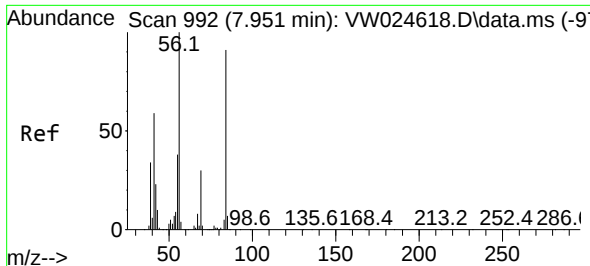
Tgt Ion: 62 Resp: 363615

Ion Ratio Lower Upper

62 100

98 8.7 8.1 12.1





#29

Cyclohexane

Concen: 52.364 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.006 min

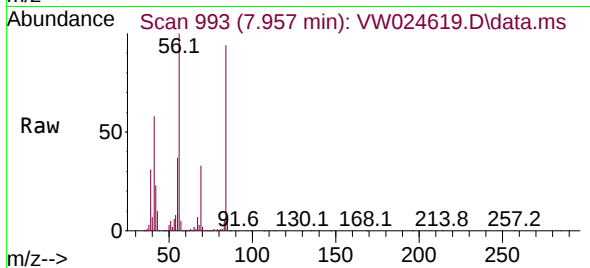
Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :



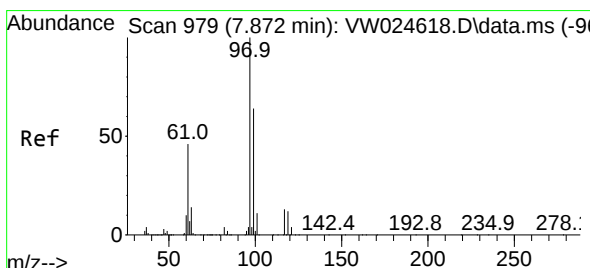
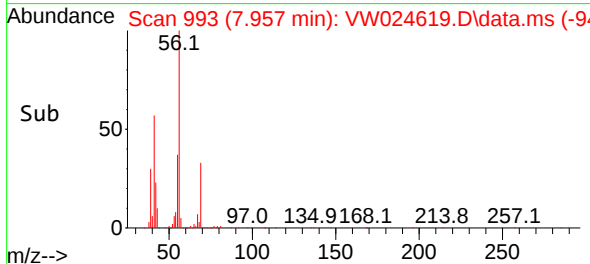
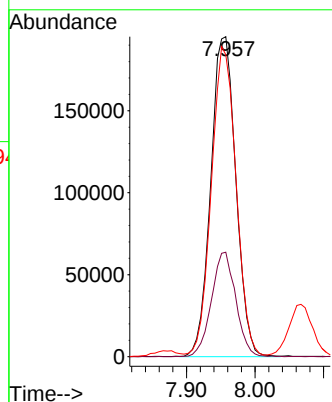
Tgt Ion: 56 Resp: 496035

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

84 95.6 75.4 113.2



#30

1,1,1-Trichloroethane

Concen: 48.905 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

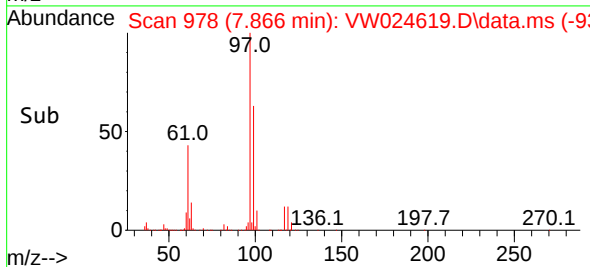
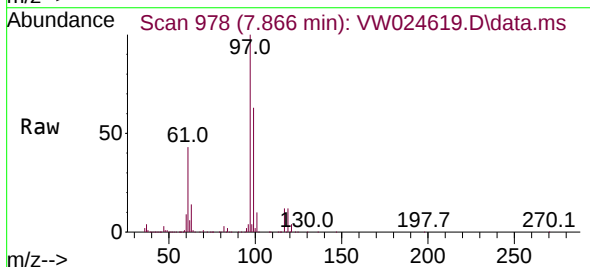
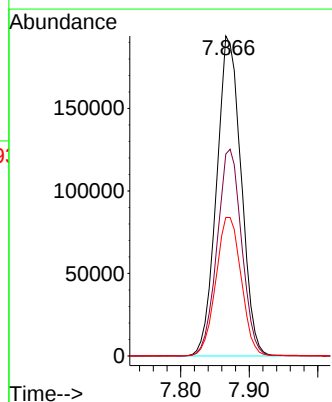
Tgt Ion: 97 Resp: 481489

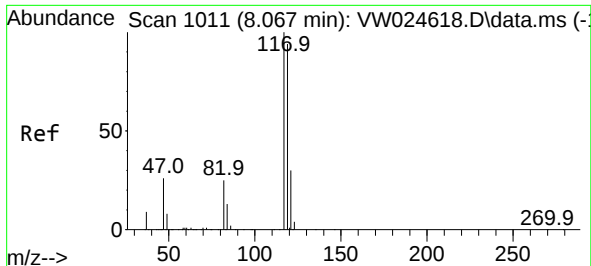
Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.2

61 44.8 35.8 53.6

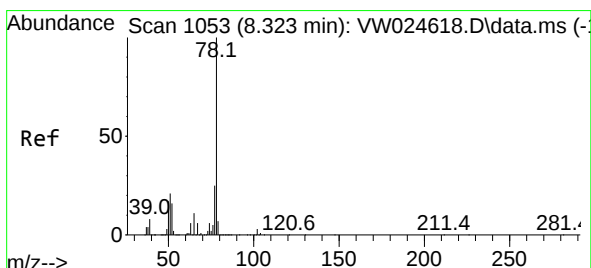
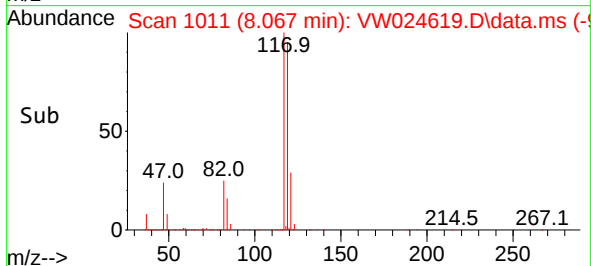
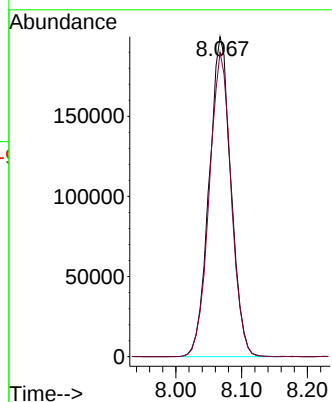
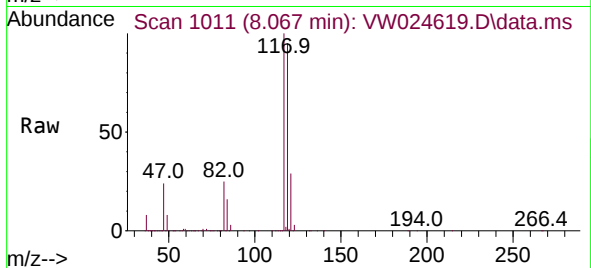




#31
Carbon tetrachloride
Concen: 49.276 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

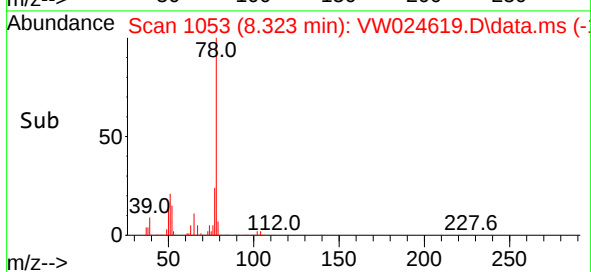
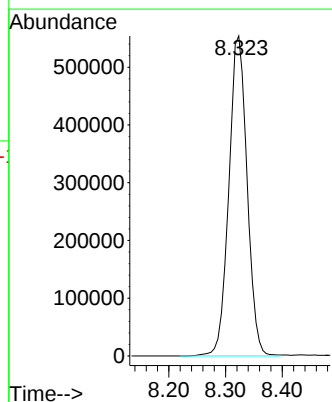
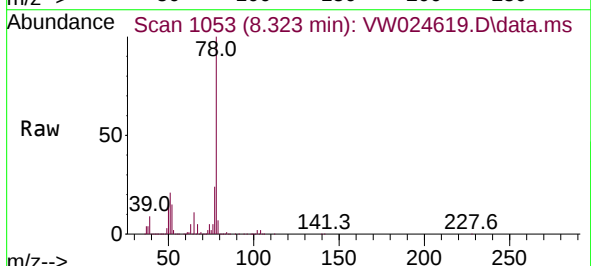
Instrument :
MSVOA_W
ClientSampleId :

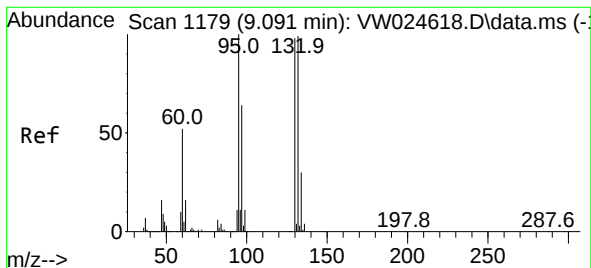
Tgt Ion:117 Resp: 461599
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7



#33
Benzene
Concen: 49.021 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

Tgt Ion: 78 Resp: 1237723





#34

Trichloroethene

Concen: 48.690 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

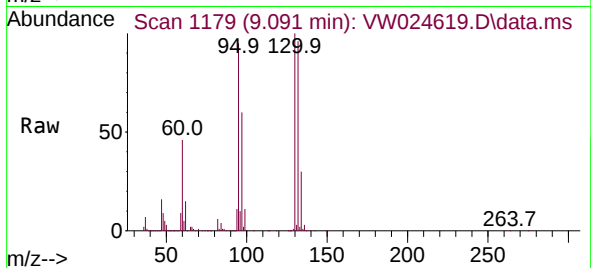
Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 333143

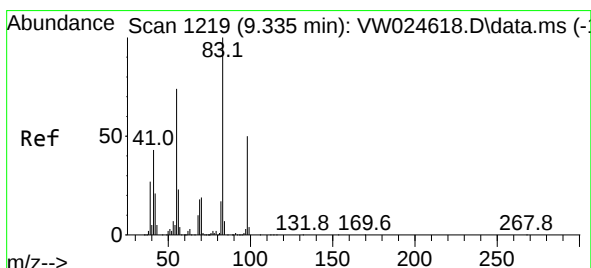
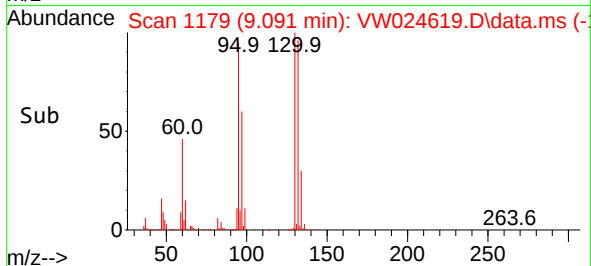
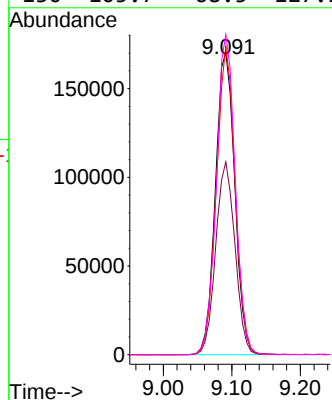
Ion Ratio Lower Upper

95 100

97 63.7 45.1 83.7

132 101.9 69.1 128.3

130 105.7 68.5 127.1



#35

Methylcyclohexane

Concen: 51.875 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

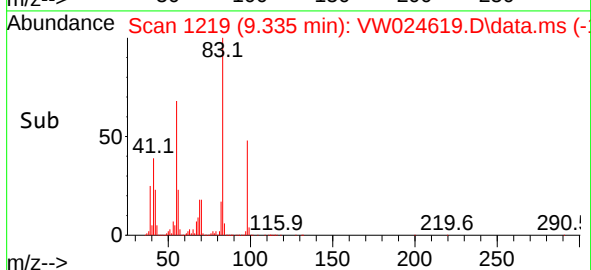
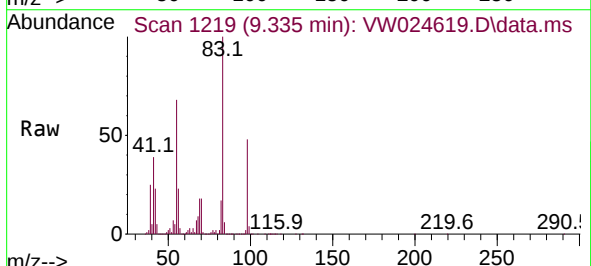
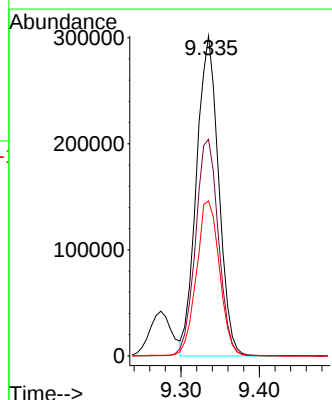
Tgt Ion: 83 Resp: 592237

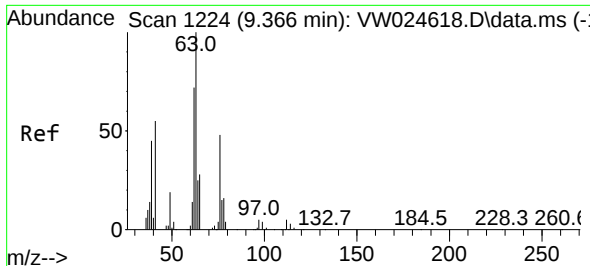
Ion Ratio Lower Upper

83 100

55 70.0 57.0 85.4

98 50.7 39.4 59.0





#37

1,2-Dichloropropane

Concen: 48.853 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

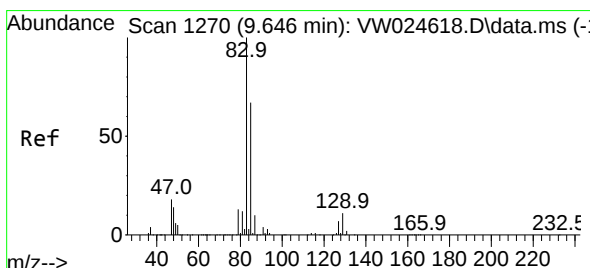
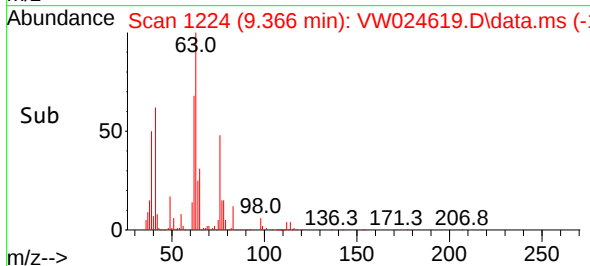
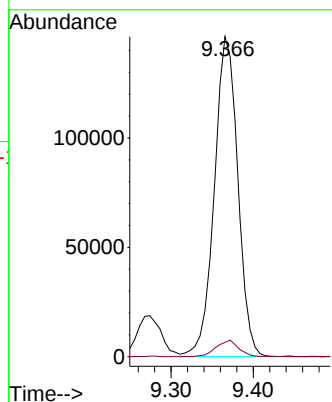
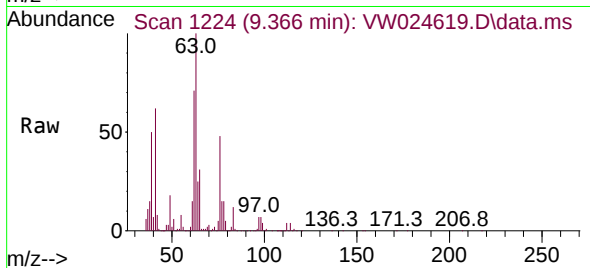
ClientSampleId :

Tgt Ion: 63 Resp: 289716

Ion Ratio Lower Upper

63 100

112 5.0 3.7 5.5



#38

Bromodichloromethane

Concen: 48.786 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

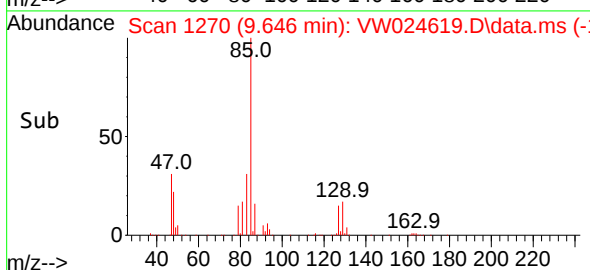
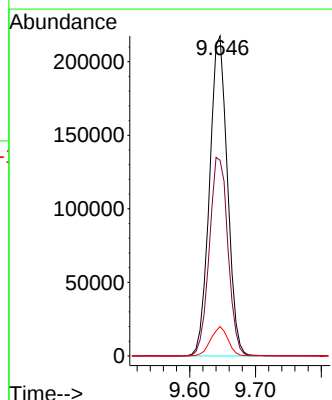
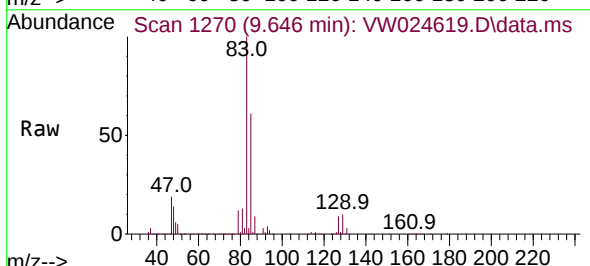
Tgt Ion: 83 Resp: 411643

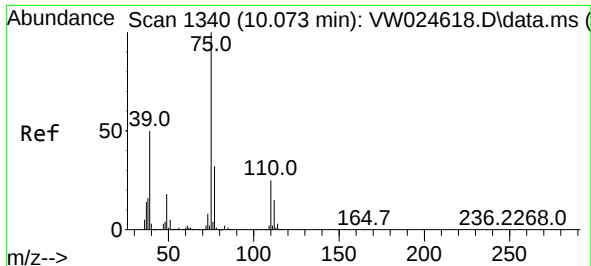
Ion Ratio Lower Upper

83 100

85 61.2 46.7 86.7

127 9.2 5.8 8.8#





#39

cis-1,3-Dichloropropene

Concen: 51.647 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

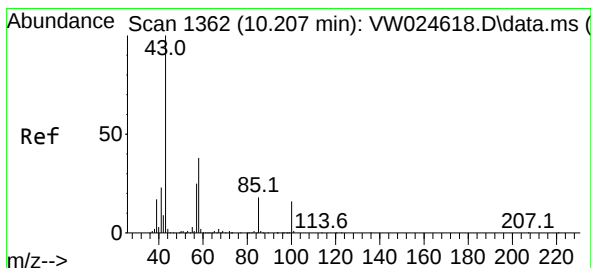
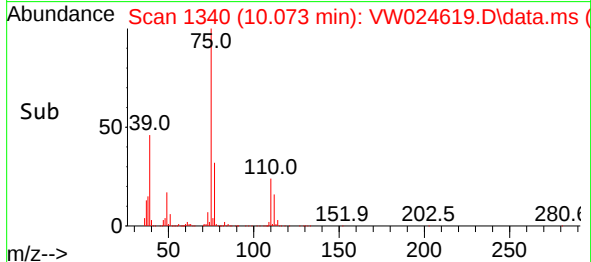
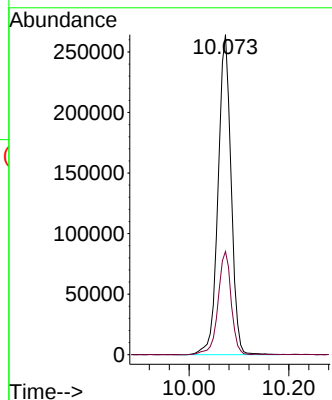
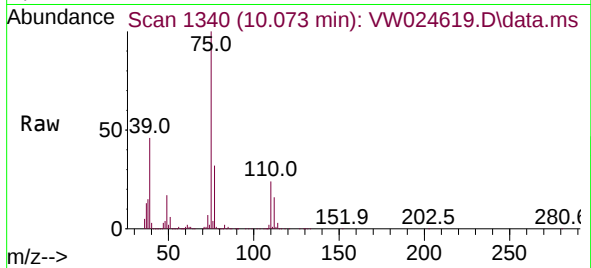
ClientSampleId :

Tgt Ion: 75 Resp: 477707

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 100.849 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

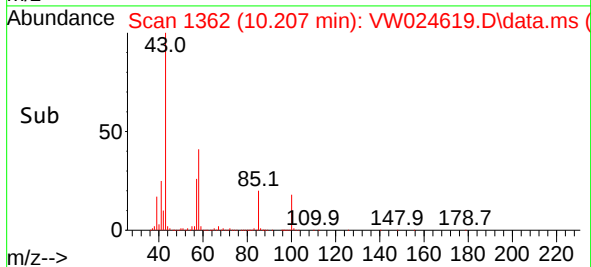
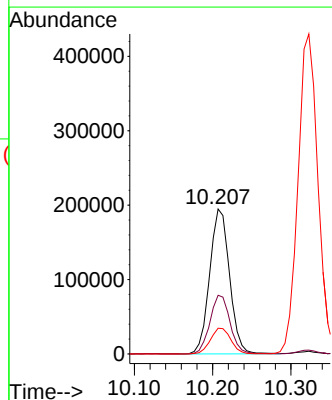
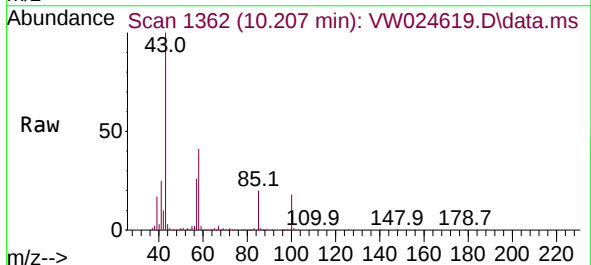
Tgt Ion: 43 Resp: 343495

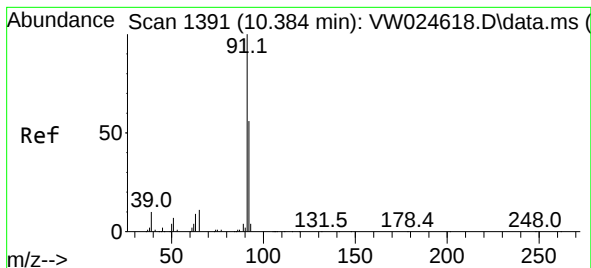
Ion Ratio Lower Upper

43 100

58 40.9 32.2 48.2

100 18.3 14.2 21.4





#42

Toluene

Concen: 50.378 ug/L

RT: 10.384 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

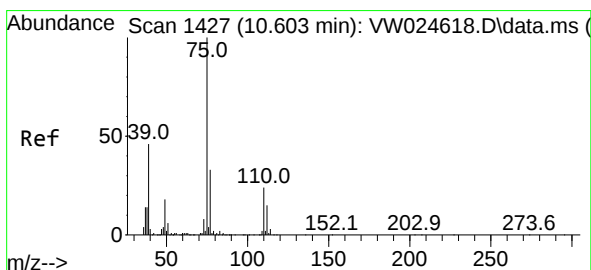
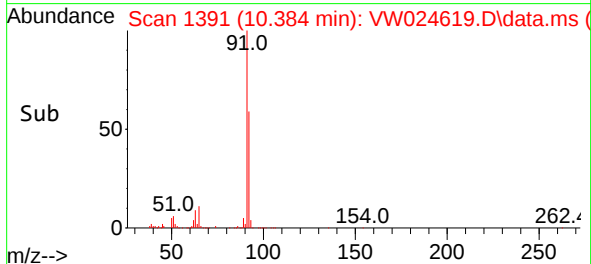
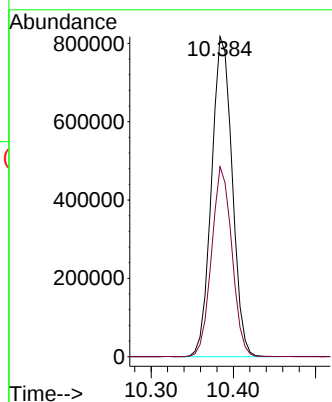
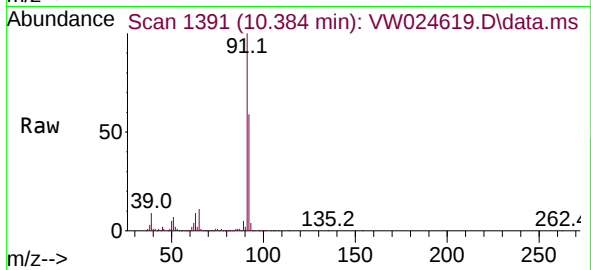
ClientSampleId :

Tgt Ion: 91 Resp: 1427963

Ion Ratio Lower Upper

91 100

92 59.4 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 51.560 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024619.D

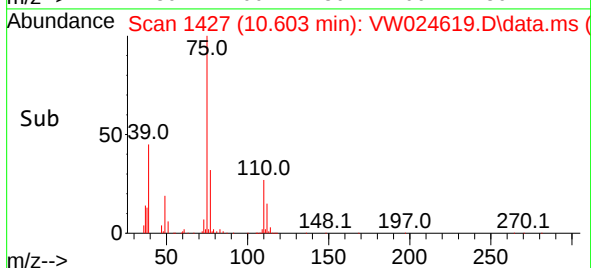
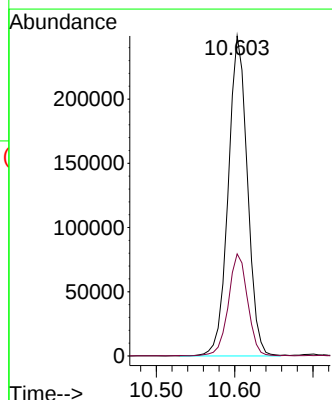
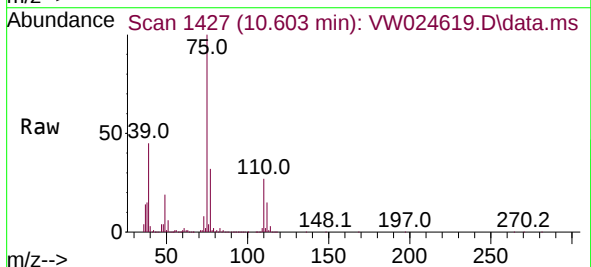
Acq: 21 Sep 2022 14:23

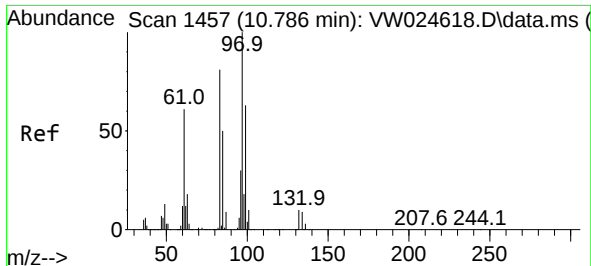
Tgt Ion: 75 Resp: 423597

Ion Ratio Lower Upper

75 100

77 31.9 23.1 42.9

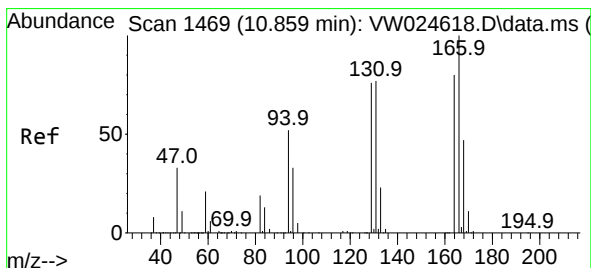
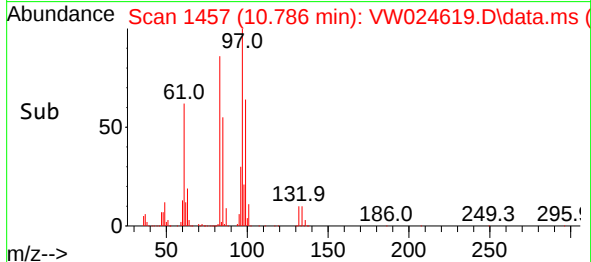
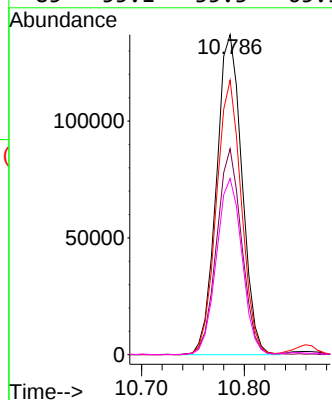
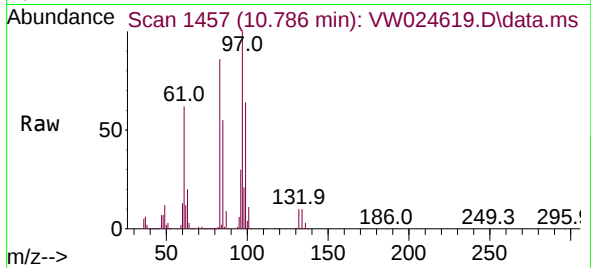




#45
1,1,2-Trichloroethane
Concen: 47.901 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

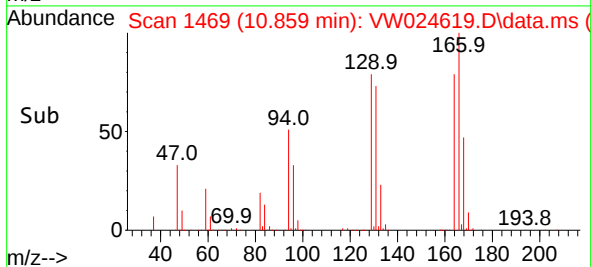
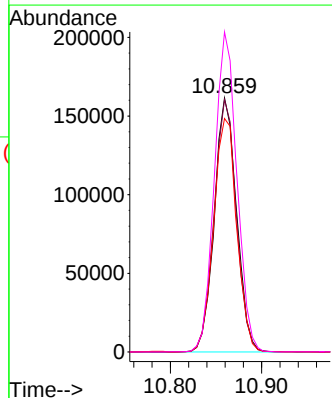
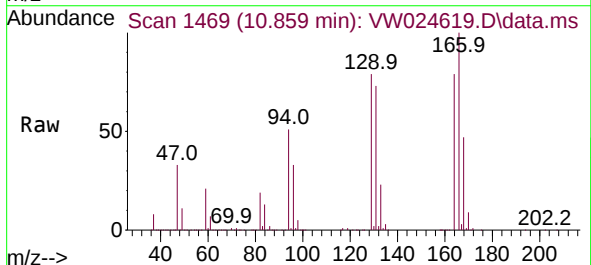
Instrument :
MSVOA_W
ClientSampleId :

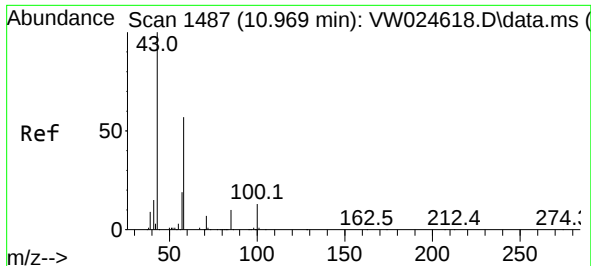
Tgt Ion:	97	Resp:	236405
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.3	82.3
83	85.8	56.7	105.3
85	55.1	35.3	65.5



#46
Tetrachloroethene
Concen: 50.673 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

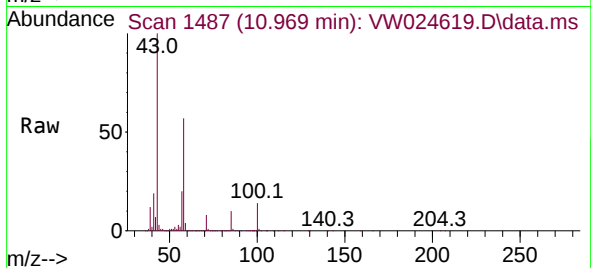
Tgt Ion:	164	Resp:	272808
Ion	Ratio	Lower	Upper
164	100		
129	99.3	66.0	122.6
131	91.9	66.9	124.3
166	126.0	87.1	161.7



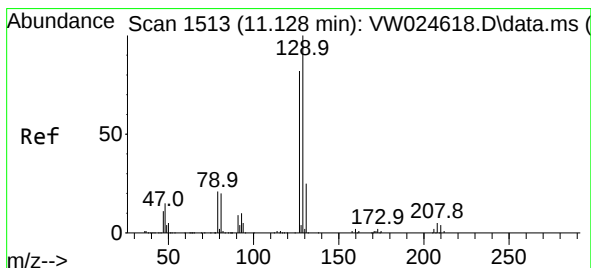
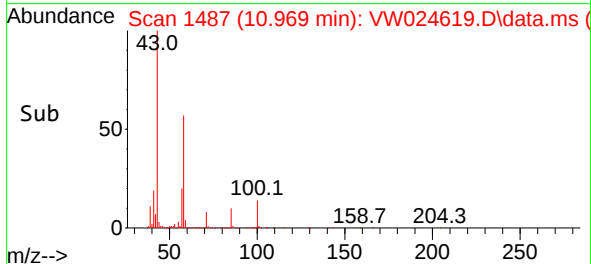
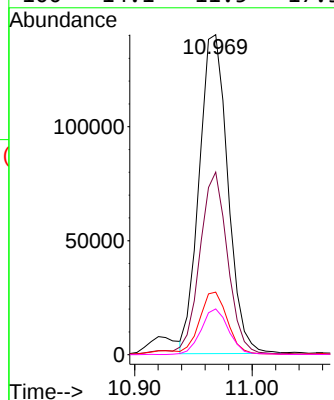


#48
2-Hexanone
Concen: 101.552 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

Instrument :
MSVOA_W
ClientSampleId :

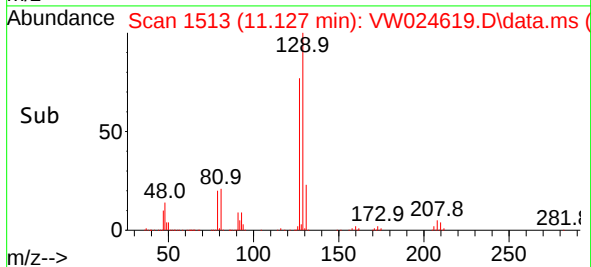
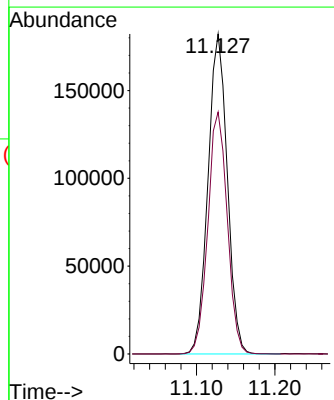
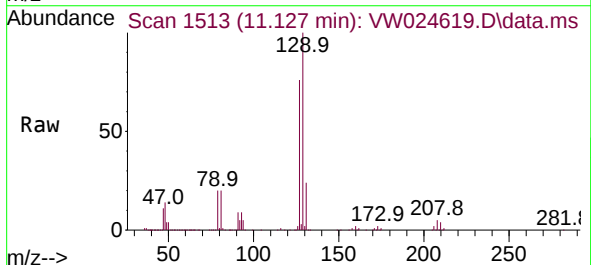


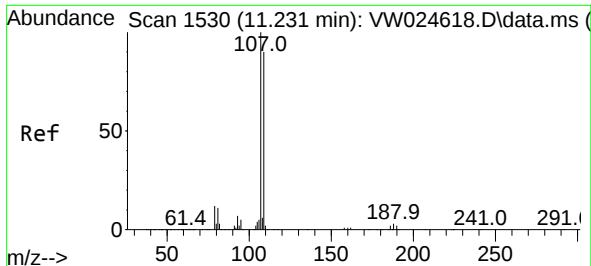
Tgt Ion:	43	Resp:	237330
Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.3	64.9
57	19.2	15.8	23.6
100	14.1	11.5	17.3



#49
Dibromochloromethane
Concen: 52.208 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

Tgt Ion:	129	Resp:	311451
Ion	Ratio	Lower	Upper
129	100		
127	75.6	57.0	105.9





#50

1,2-Dibromoethane

Concen: 48.432 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

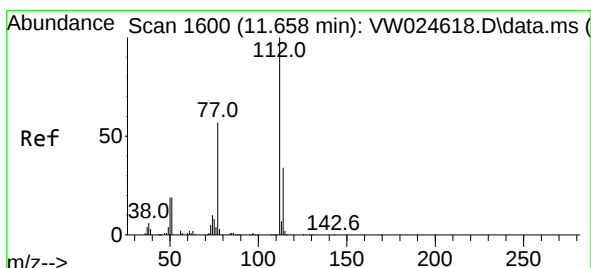
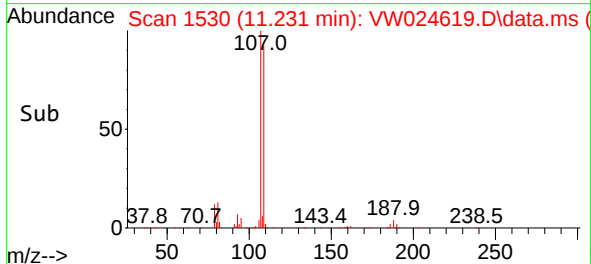
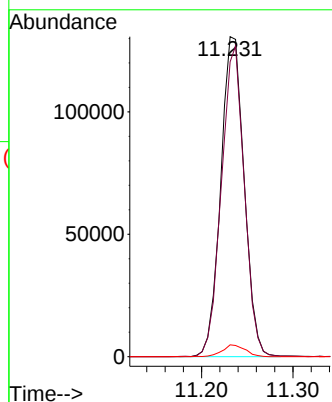
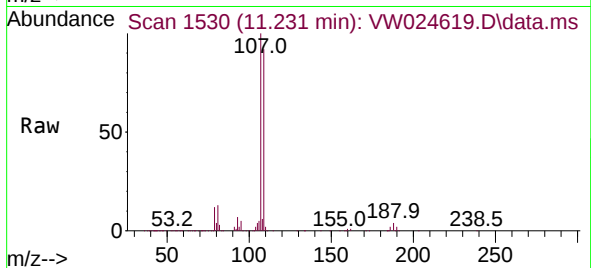
Tgt Ion:107 Resp: 233222

Ion Ratio Lower Upper

107 100

109 92.2 63.0 117.0

188 3.7 2.5 3.7



#51

Chlorobenzene

Concen: 48.695 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

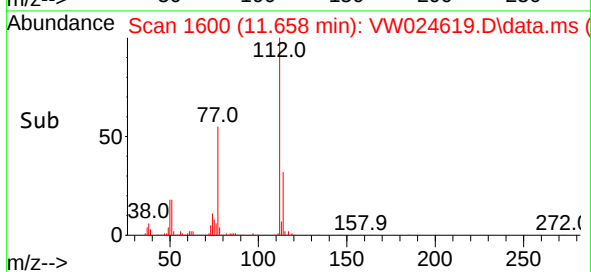
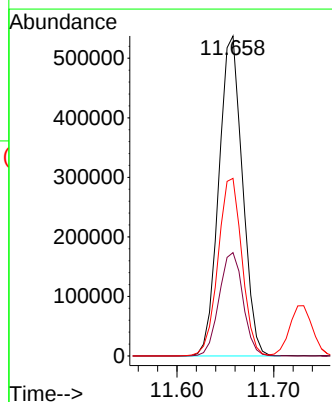
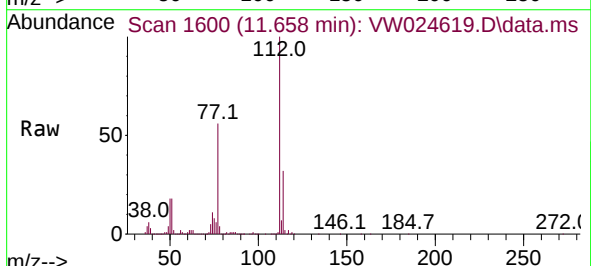
Tgt Ion:112 Resp: 910244

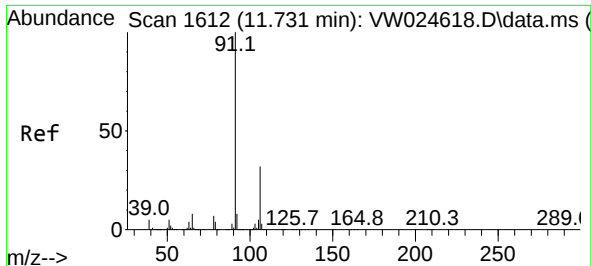
Ion Ratio Lower Upper

112 100

114 32.3 24.0 44.6

77 55.5 45.4 68.2

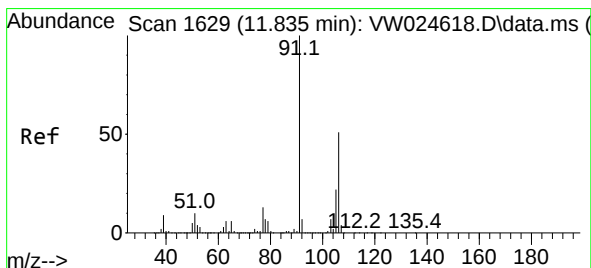
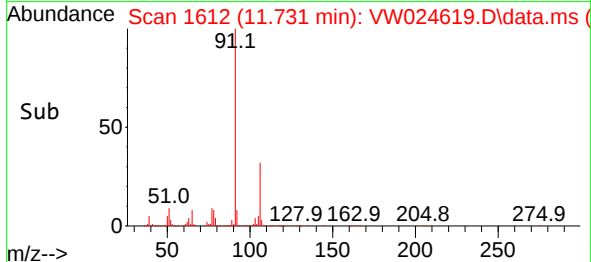
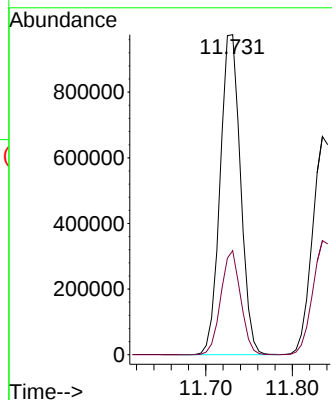
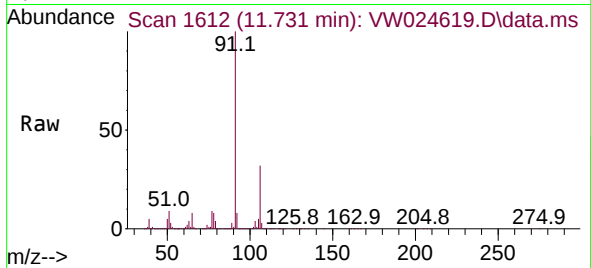




#52
Ethylbenzene
Concen: 51.263 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

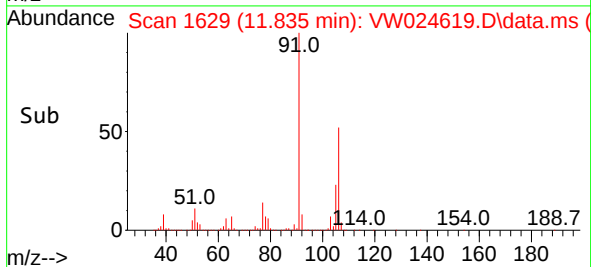
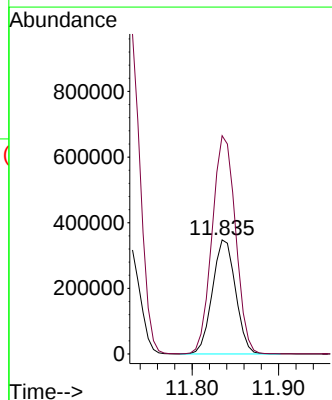
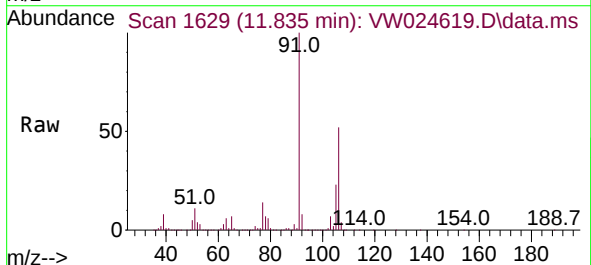
Instrument :
MSVOA_W
ClientSampleId :

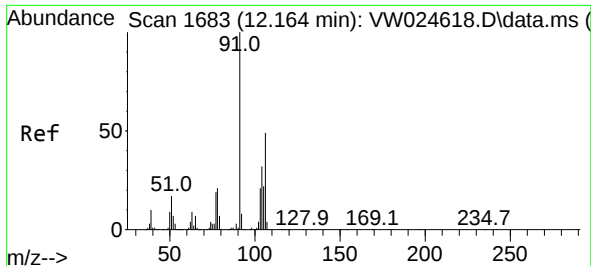
Tgt Ion: 91 Resp: 1596044
Ion Ratio Lower Upper
91 100
106 32.5 22.2 41.2



#53
m,p-Xylene
Concen: 52.205 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

Tgt Ion:106 Resp: 645474
Ion Ratio Lower Upper
106 100
91 191.5 138.3 256.8

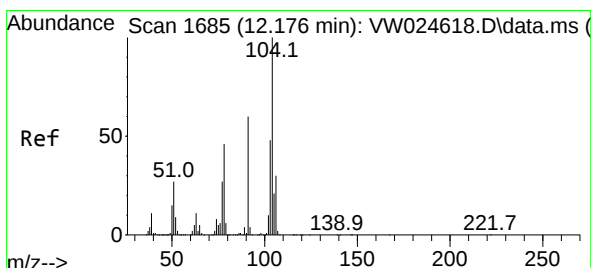
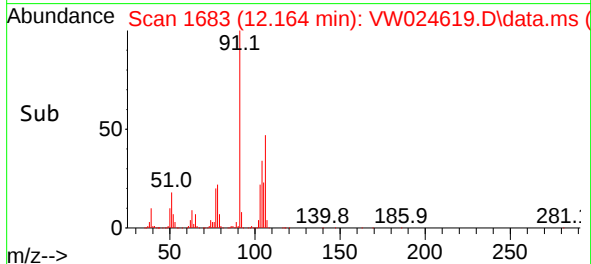
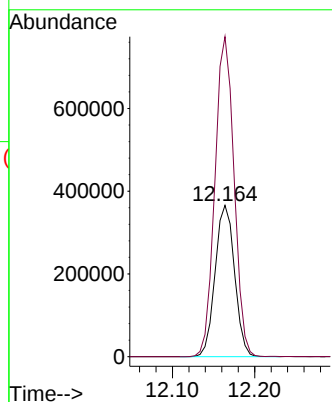
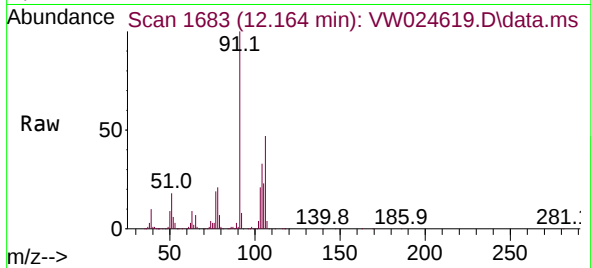




#54
o-Xylene
Concen: 51.779 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

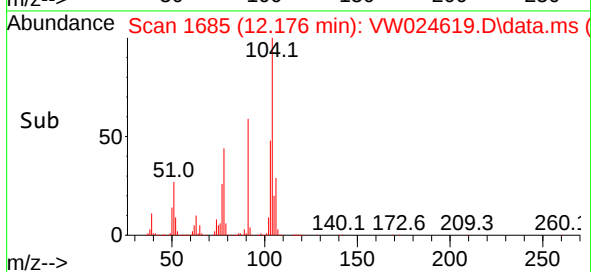
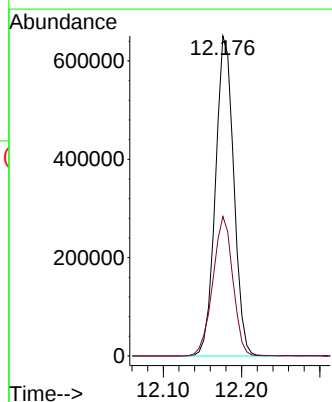
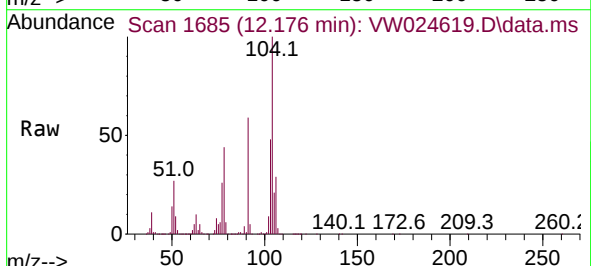
Instrument :
MSVOA_W
ClientSampleId :

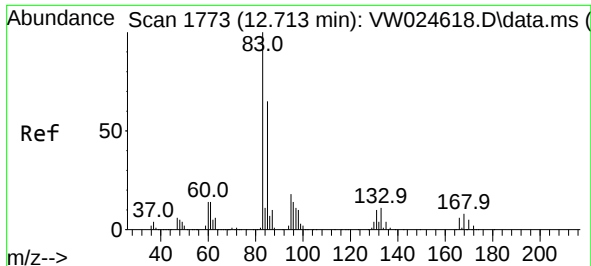
Tgt Ion:106 Resp: 600585
Ion Ratio Lower Upper
106 100
91 211.4 143.9 267.2



#55
Styrene
Concen: 53.061 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

Tgt Ion:104 Resp: 1058596
Ion Ratio Lower Upper
104 100
78 43.6 32.5 60.3





#57

1,1,2-Tetrachloroethane

Concen: 47.631 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

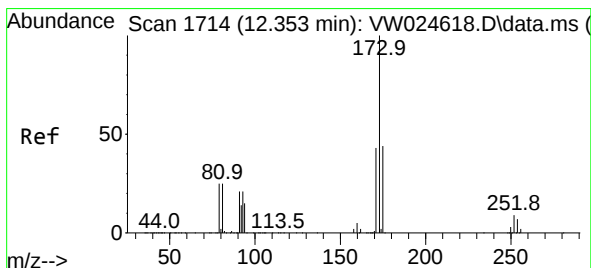
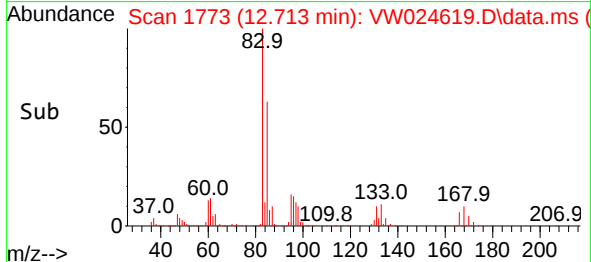
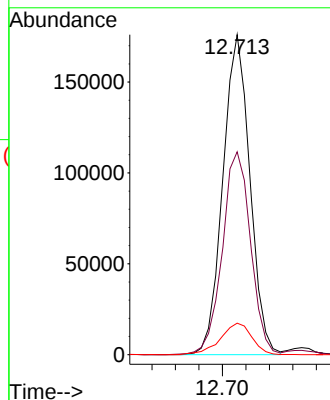
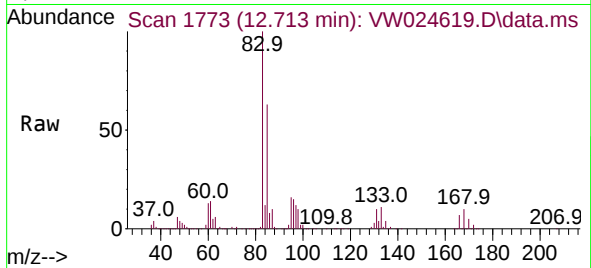
Tgt Ion: 83 Resp: 281219

Ion Ratio Lower Upper

83 100

85 63.4 45.6 84.8

131 9.8 8.2 12.4



#59

Bromoform

Concen: 52.602 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

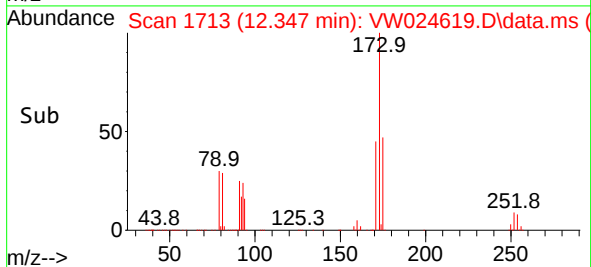
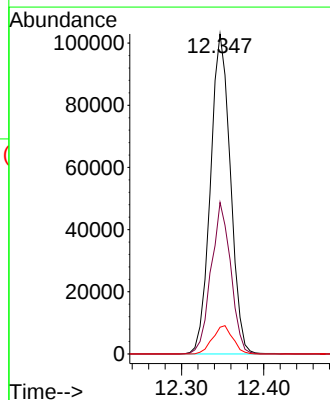
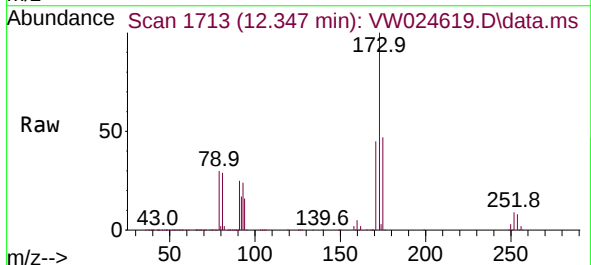
Tgt Ion:173 Resp: 173553

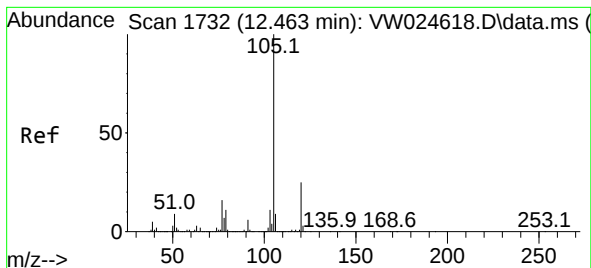
Ion Ratio Lower Upper

173 100

175 46.6 36.7 55.1

254 8.9 7.0 10.4





#60

Isopropylbenzene

Concen: 51.599 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

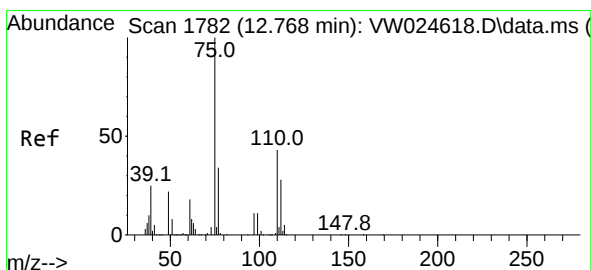
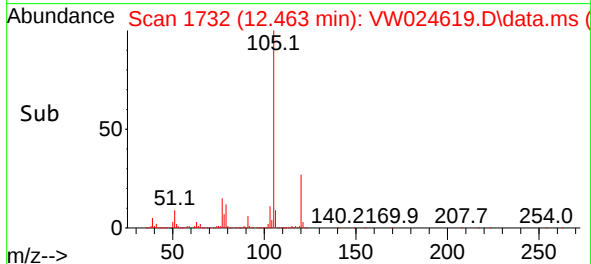
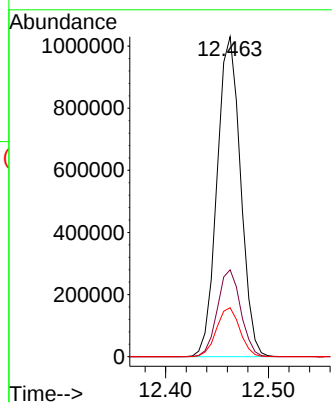
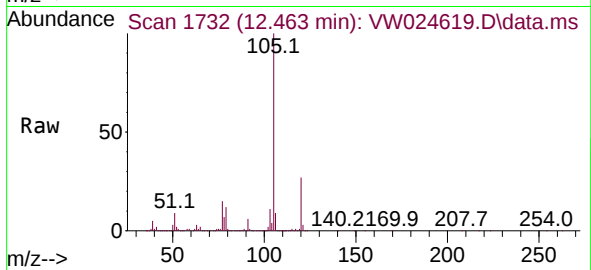
Tgt Ion:105 Resp: 1635684

Ion Ratio Lower Upper

105 100

120 26.9 21.5 32.3

77 15.2 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 47.678 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

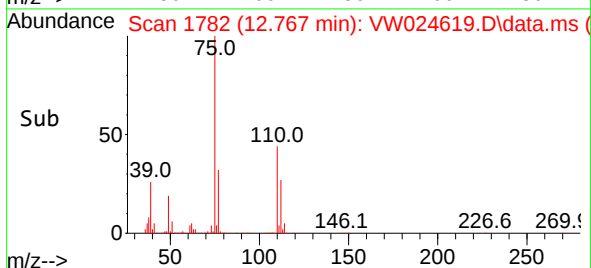
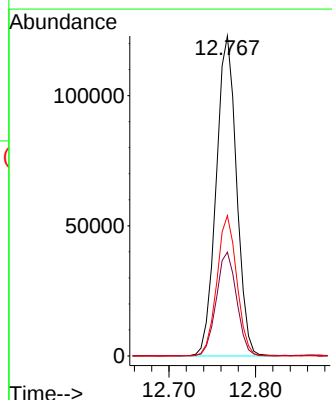
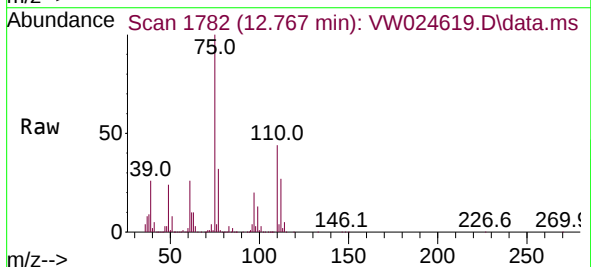
Tgt Ion: 75 Resp: 200889

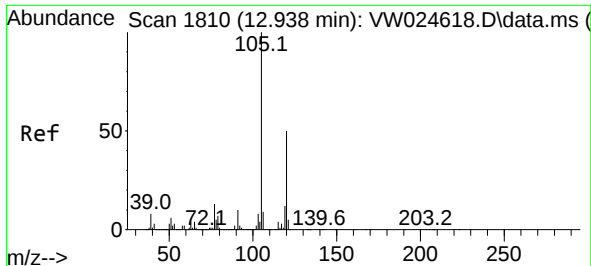
Ion Ratio Lower Upper

75 100

77 32.4 26.0 39.0

110 42.8 34.0 51.0

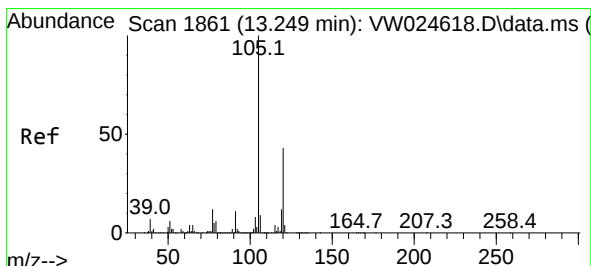
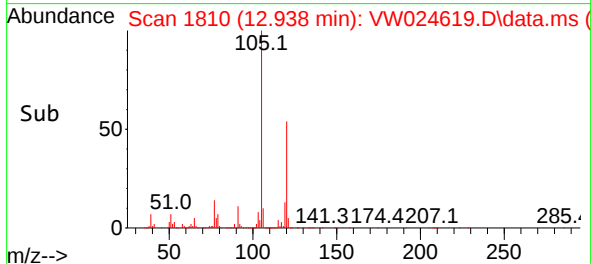
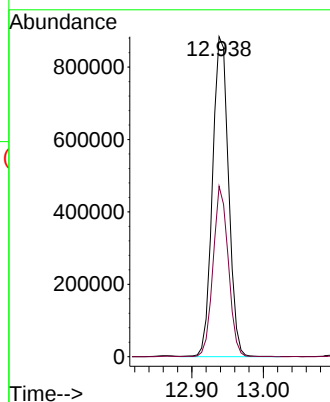
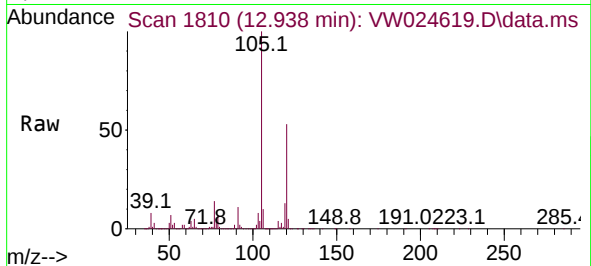




#62
 1,3,5-Trimethylbenzene
 Concen: 53.460 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW024619.D
 Acq: 21 Sep 2022 14:23

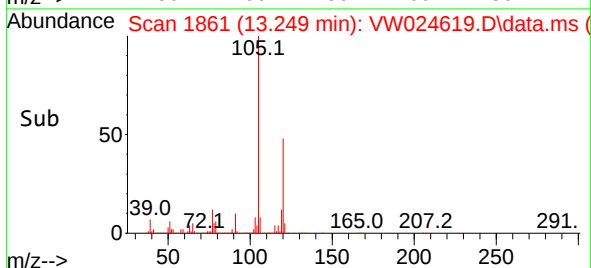
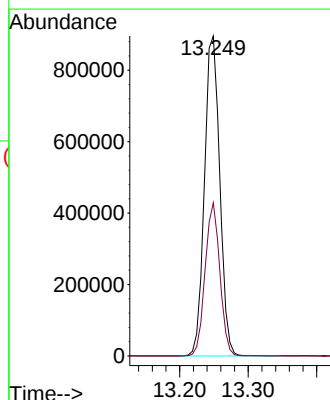
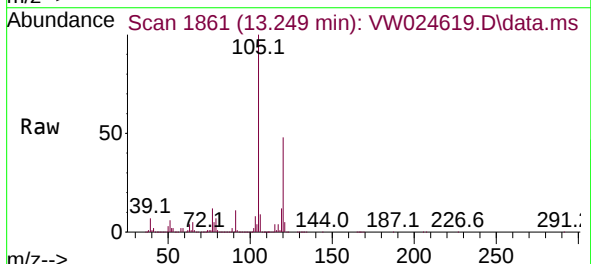
Instrument :
 MSVOA_W
 ClientSampleId :

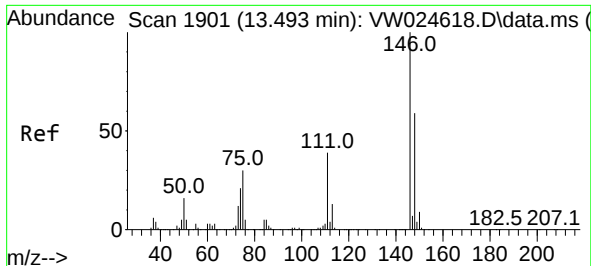
Tgt Ion:105 Resp: 1376785
 Ion Ratio Lower Upper
 105 100
 120 50.5 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 54.128 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW024619.D
 Acq: 21 Sep 2022 14:23

Tgt Ion:105 Resp: 1394832
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.3 54.5

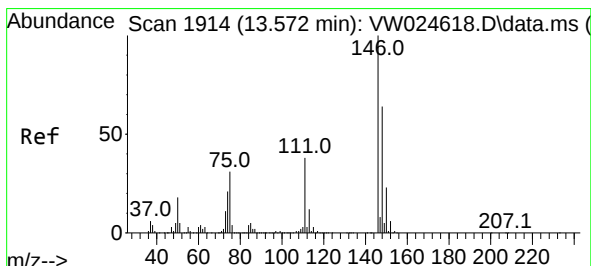
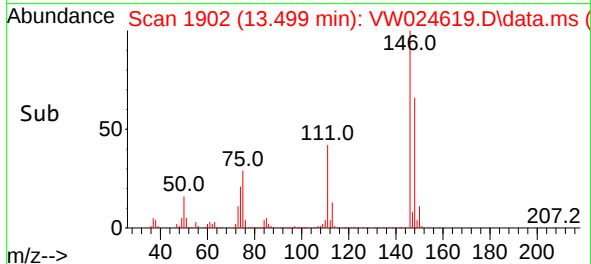
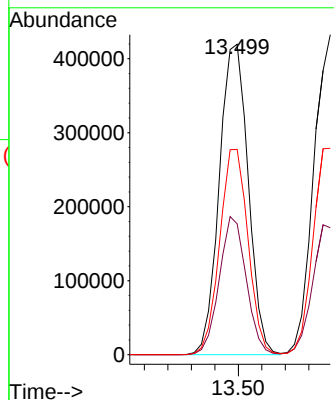
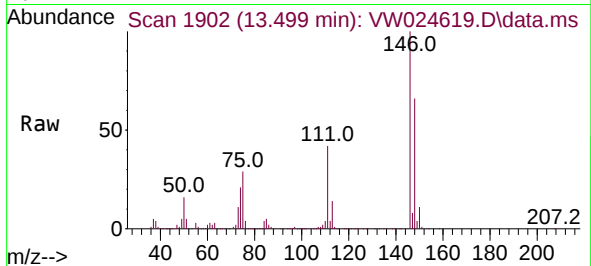




#64
1,3-Dichlorobenzene
Concen: 50.176 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

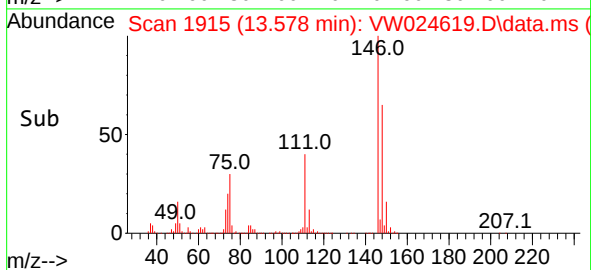
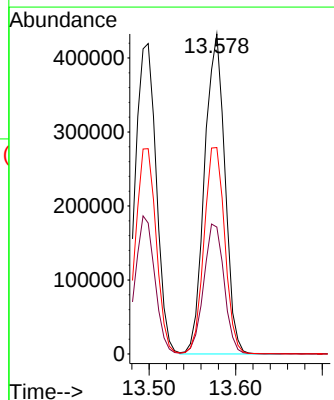
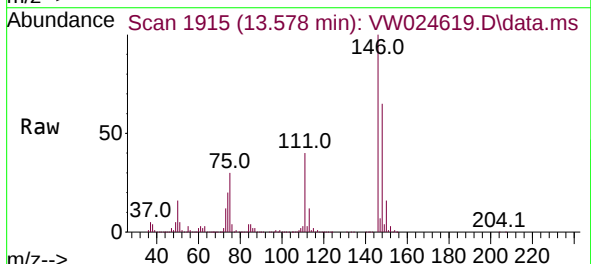
Instrument :
MSVOA_W
ClientSampleId :

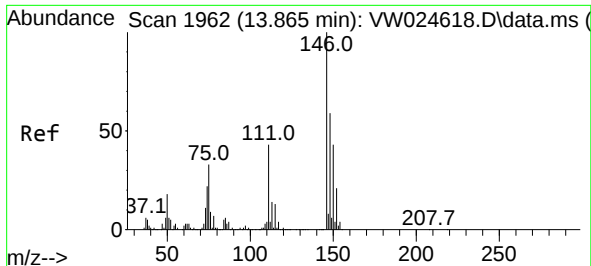
Tgt Ion:146 Resp: 717300
Ion Ratio Lower Upper
146 100
111 42.1 27.2 50.6
148 66.2 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 48.014 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024619.D
Acq: 21 Sep 2022 14:23

Tgt Ion:146 Resp: 706074
Ion Ratio Lower Upper
146 100
111 39.7 27.0 50.2
148 64.5 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 50.228 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

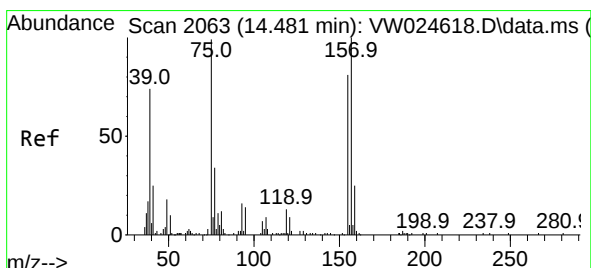
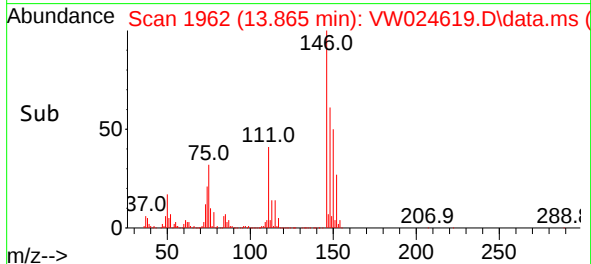
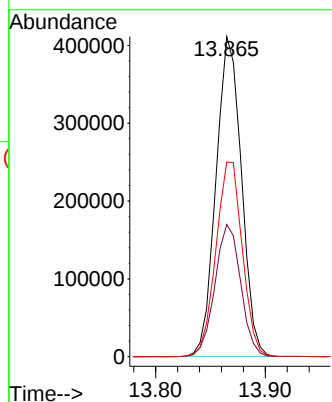
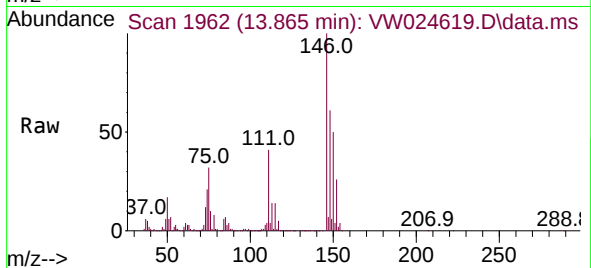
Tgt Ion:146 Resp: 663029

Ion Ratio Lower Upper

146 100

111 41.3 34.2 51.4

148 60.8 47.0 70.6



#68

1,2-Dibromo-3-chloropropane

Concen: 45.757 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

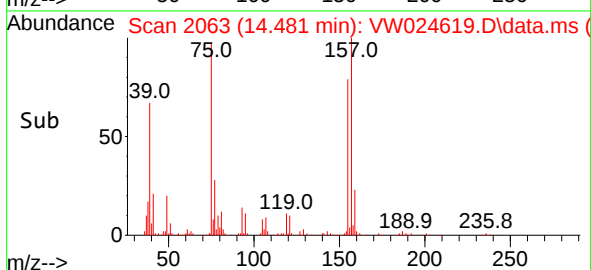
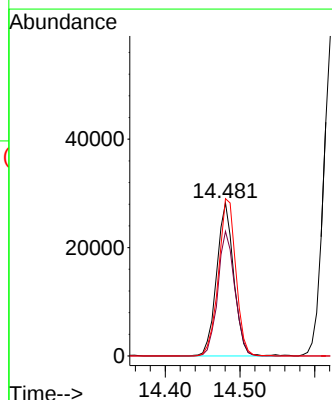
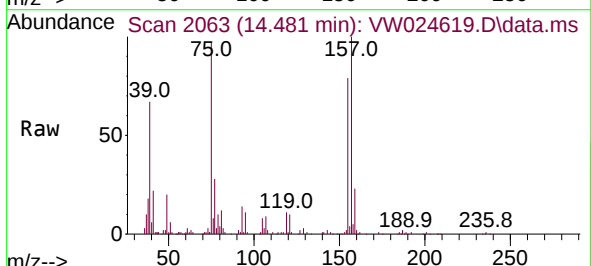
Tgt Ion: 75 Resp: 44893

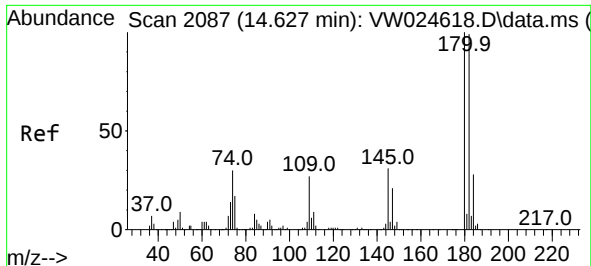
Ion Ratio Lower Upper

75 100

155 81.5 65.4 98.0

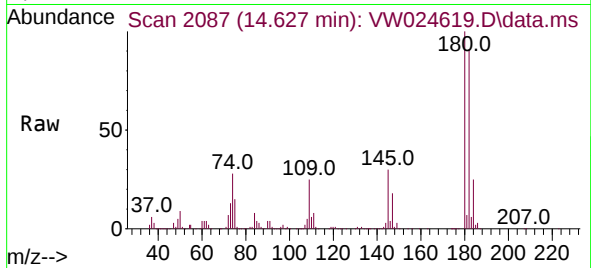
157 102.9 80.6 121.0



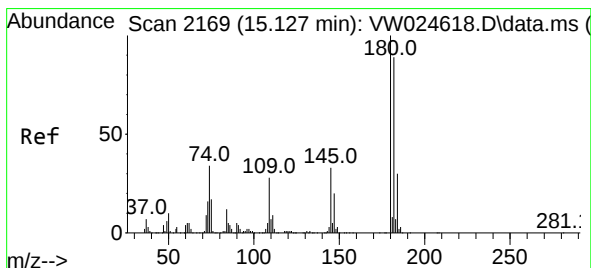
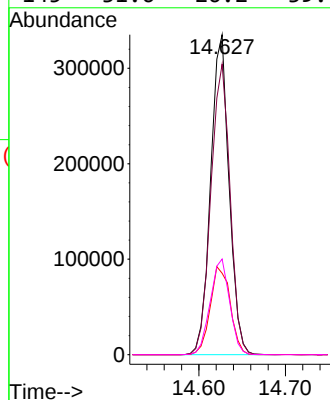
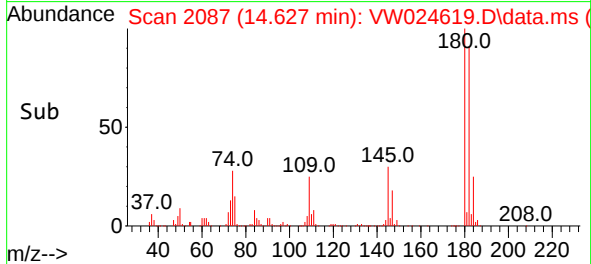


#69
 1,3,5-Trichlorobenzene
 Concen: 52.616 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW024619.D
 Acq: 21 Sep 2022 14:23

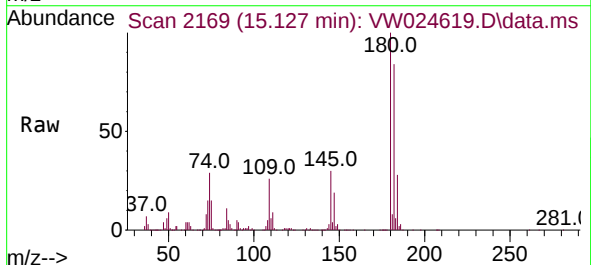
Instrument :
 MSVOA_W
 ClientSampleId :



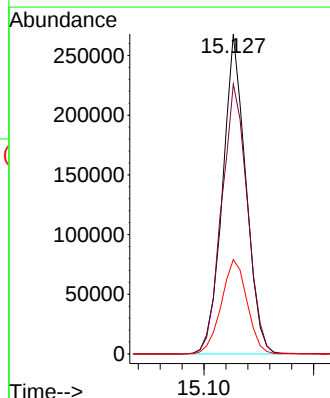
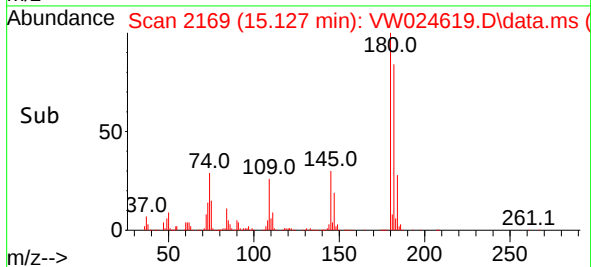
Tgt Ion:180 Resp: 494447
 Ion Ratio Lower Upper
 180 100
 182 94.6 78.5 117.7
 184 30.1 23.9 35.9
 145 31.6 26.2 39.4

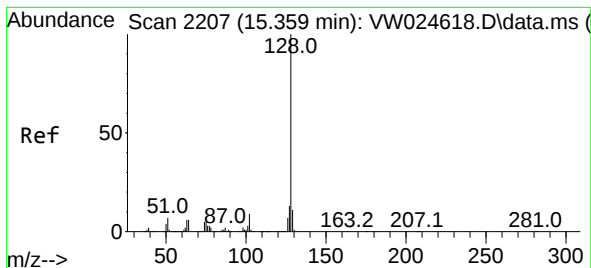


#70
 1,2,4-trichlorobenzene
 Concen: 52.404 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW024619.D
 Acq: 21 Sep 2022 14:23



Tgt Ion:180 Resp: 393992
 Ion Ratio Lower Upper
 180 100
 182 93.2 72.6 108.8
 145 32.7 26.3 39.5





#71

Naphthalene

Concen: 54.998 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

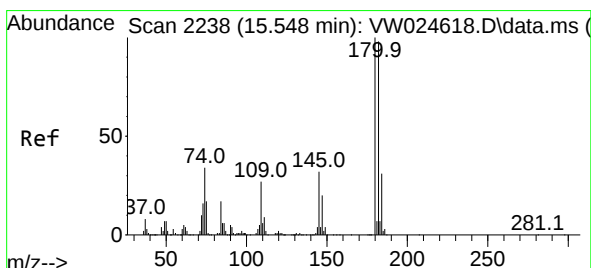
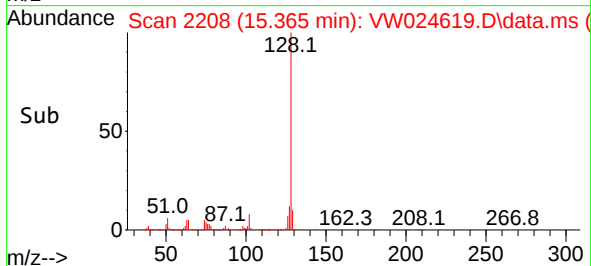
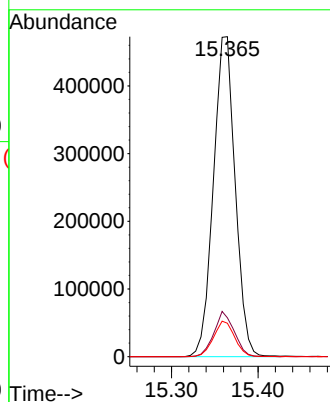
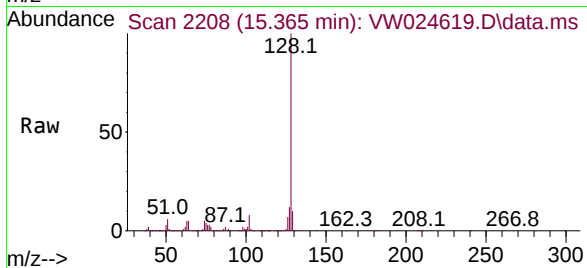
Tgt Ion:128 Resp: 826722

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.190 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024619.D

Acq: 21 Sep 2022 14:23

Tgt Ion:180 Resp: 349732

Ion Ratio Lower Upper

180 100

182 95.7 75.2 112.8

145 34.2 27.7 41.5

