

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024349.D
 Acq On : 26 Aug 2022 12:54
 Operator : SY/VA
 Sample : VSTD10023
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 23:56:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	344204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	350527	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	208172	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	857028	90.325	ug/L	0.00
7) Chloroethane-d5	2.867	69	638402	90.880	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	813002	101.057	ug/L	0.00
21) 2-Butanone-d5	7.080	46	387059	229.571	ug/L	0.00
24) Chloroform-d	7.647	84	1082047	97.783	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	638888	95.204	ug/L	0.00
32) Benzene-d6	8.275	84	2067565	102.948	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	633224	101.384	ug/L	0.00
41) Toluene-d8	10.323	98	2031314	106.379	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	324383	110.606	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	351696	252.571	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	723160	102.264	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	813942	103.829	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	426293	120.541	ug/L	98
3) Chloromethane	2.209	50	612663	94.970	ug/L	99
5) Vinyl chloride	2.349	62	966362	85.825	ug/L	100
6) Bromomethane	2.751	94	609702	77.146	ug/L	96
8) Chloroethane	2.904	64	489089	82.200	ug/L	100
9) Trichlorofluoromethane	3.245	101	437518	82.638	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	463819	91.659	ug/L #	71
12) 1,1-Dichloroethene	4.025	96	413809	100.650	ug/L	85
13) Acetone	4.123	43	169581	160.590	ug/L	96
14) Carbon disulfide	4.373	76	1253977	91.773	ug/L	100
15) Methyl Acetate	4.665	43	239503	94.152	ug/L	96
16) Methylene chloride	4.903	84	439658	77.200	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	484222	99.501	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	850253	106.704	ug/L	96
19) 1,1-Dichloroethane	6.208	63	845200	91.846	ug/L	97
20) cis-1,2-Dichloroethene	7.311	96	233	0.044	ug/L	71
22) 2-Butanone	7.165	43	361045	194.269	ug/L	100
23) Bromochloromethane	7.513	128	247386	94.669	ug/L	96
25) Chloroform	7.671	83	945080	92.564	ug/L	94
27) 1,2-Dichloroethane	8.396	62	657763	88.505	ug/L	99
29) Cyclohexane	7.951	56	833099	110.242	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	782739	94.715	ug/L	97
31) Carbon tetrachloride	8.067	117	723789	95.734	ug/L	99
33) Benzene	8.323	78	2137468	97.971	ug/L	100
34) Trichloroethene	9.091	95	550904	95.777	ug/L	97
35) Methylcyclohexane	9.335	83	981785	106.369	ug/L	98
37) 1,2-Dichloropropane	9.366	63	522721	93.300	ug/L	99
38) Bromodichloromethane	9.640	83	733190	95.594	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	875942	111.260	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	858152	216.486	ug/L	97
42) Toluene	10.384	91	2428262	100.822	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	821047	107.326	ug/L	96

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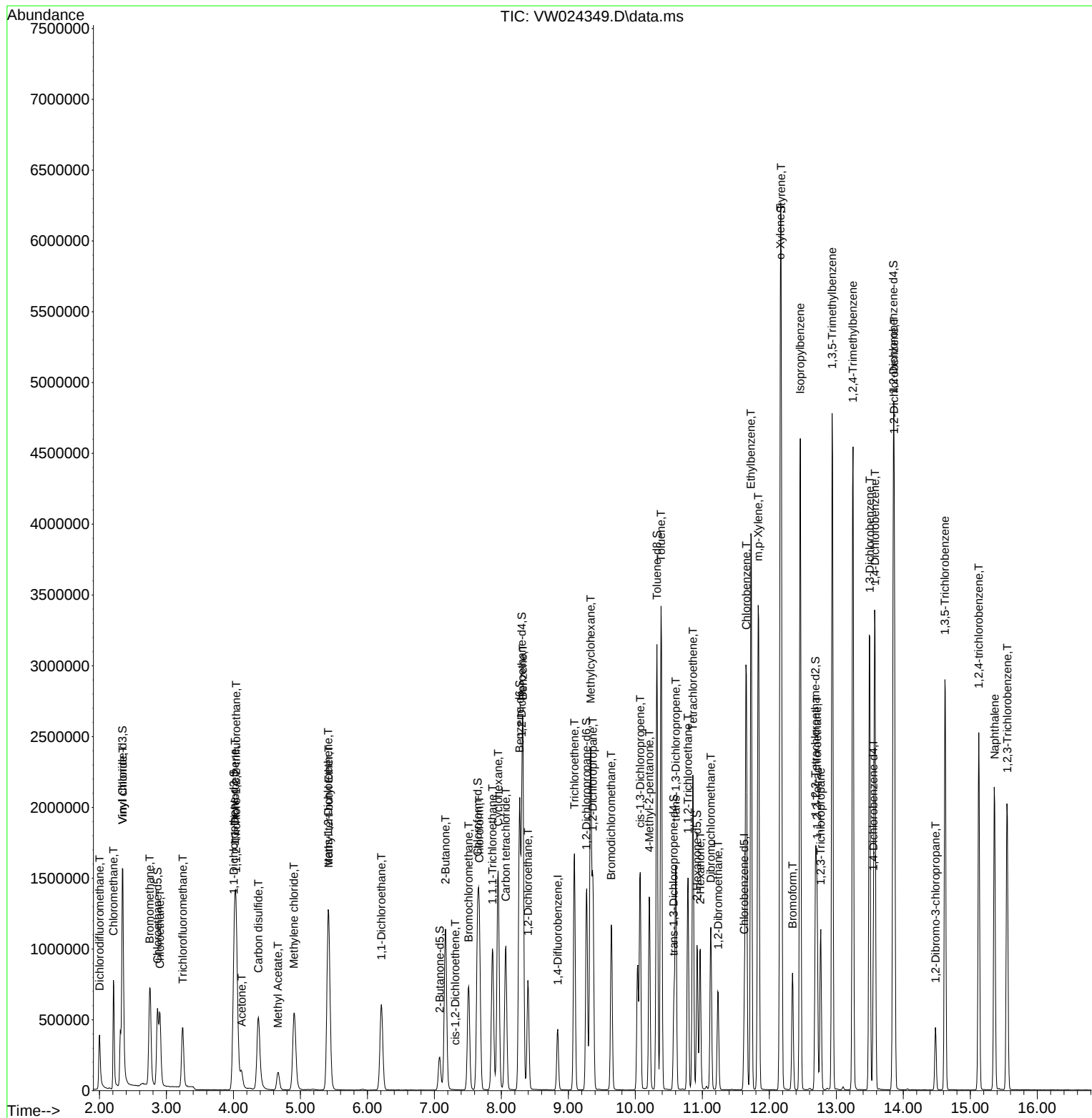
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	439866	95.773	ug/L	96
46) Tetrachloroethene	10.859	164	451829	101.144	ug/L	96
48) 2-Hexanone	10.969	43	622795	210.877	ug/L	97
49) Dibromochloromethane	11.128	129	563304	103.698	ug/L	100
50) 1,2-Dibromoethane	11.237	107	444664	100.706	ug/L	96
51) Chlorobenzene	11.658	112	1585176	98.059	ug/L	99
52) Ethylbenzene	11.725	91	2741730	102.966	ug/L	98
53) m,p-Xylene	11.835	106	1122620	107.353	ug/L	93
54) o-Xylene	12.164	106	1079342	110.411	ug/L	92
55) Styrene	12.176	104	1933835	111.911	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	611401	95.373	ug/L	99
59) Bromoform	12.347	173	347760	104.097	ug/L	100
60) Isopropylbenzene	12.463	105	2917676	105.525	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	434367	91.938	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	2508150	112.501	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	2453907	113.318	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1278733	96.731	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	1290073	92.434	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	1219934	98.448	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	104700	88.524	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	828689	97.123	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	706616	106.534	ug/L	96
71) Naphthalene	15.365	128	1765126	121.173	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	663287	105.809	ug/L	99

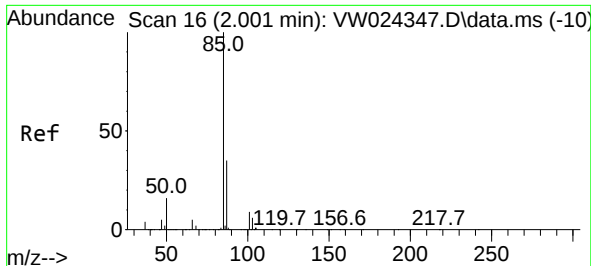
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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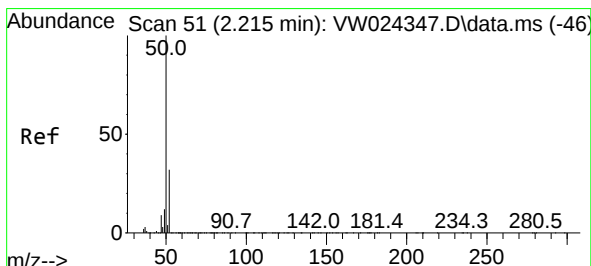
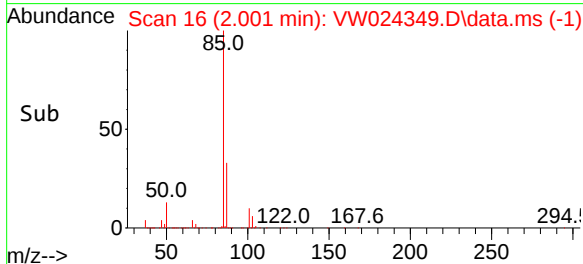
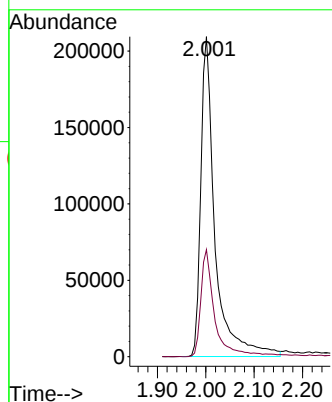
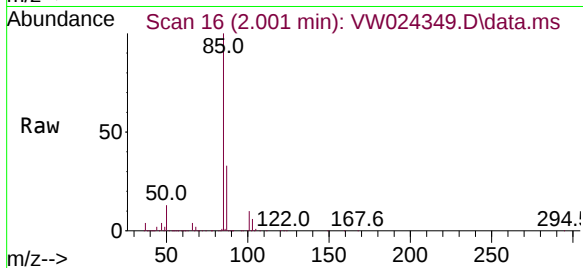




#2
 Dichlorodifluoromethane
 Concen: 120.541 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024349.D
 Acq: 26 Aug 2022 12:54

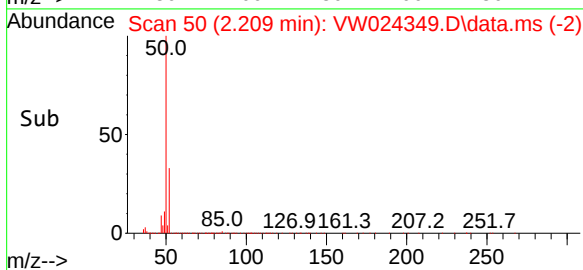
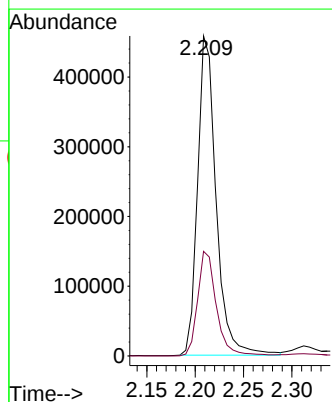
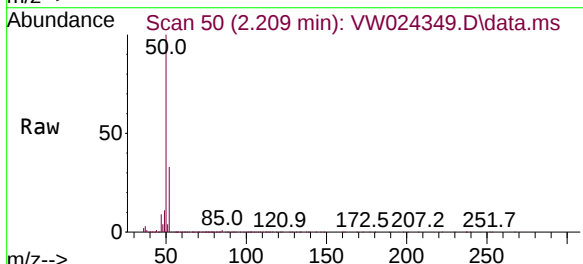
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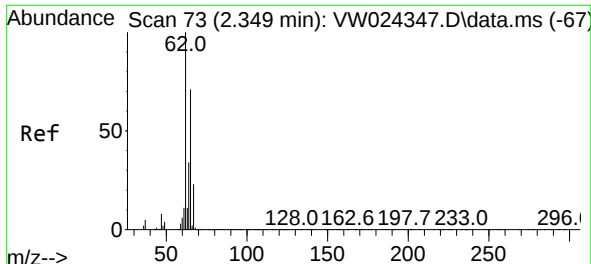
Tgt Ion: 85 Resp: 426293
 Ion Ratio Lower Upper
 85 100
 87 32.1 24.7 37.1



#3
 Chloromethane
 Concen: 94.970 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW024349.D
 Acq: 26 Aug 2022 12:54

Tgt Ion: 50 Resp: 612663
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.3 41.5

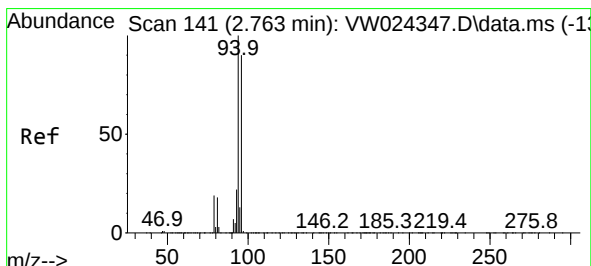
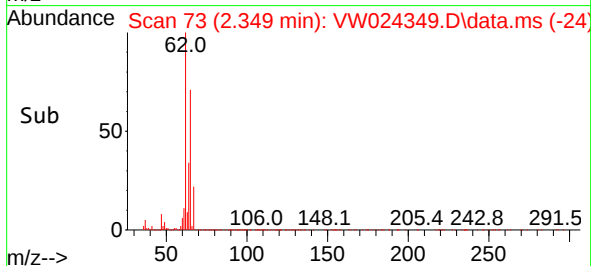
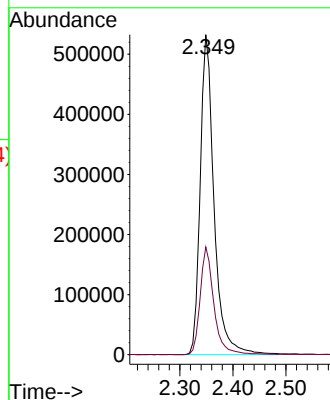
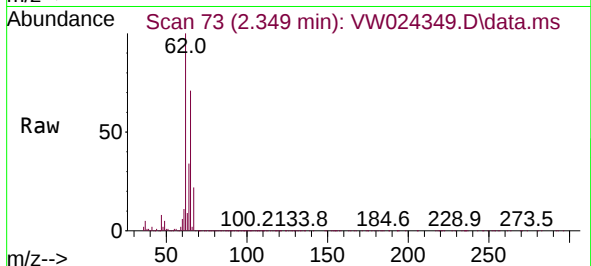




#5
 Vinyl chloride
 Concen: 85.825 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024349.D
 Acq: 26 Aug 2022 12:54

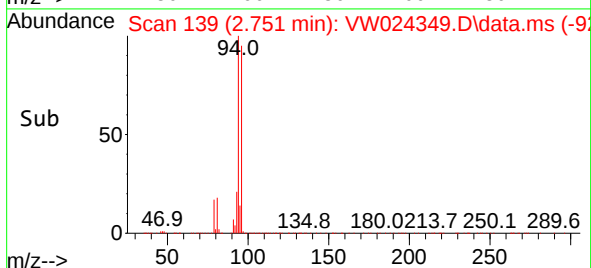
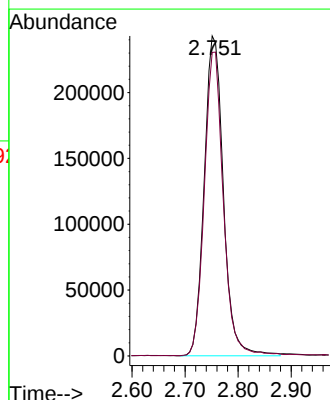
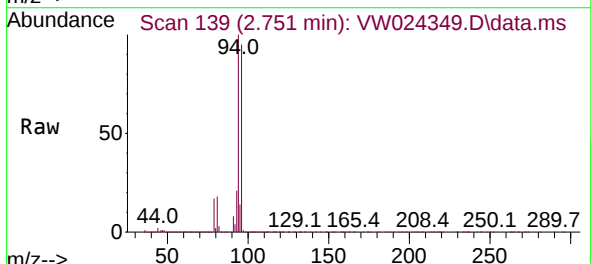
Instrument :
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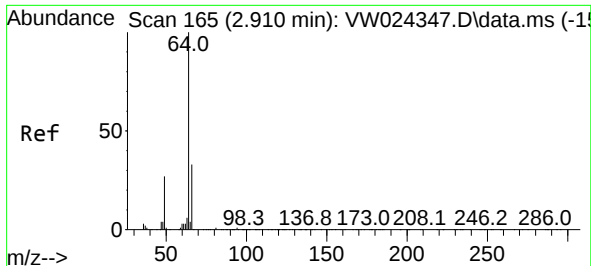
Tgt Ion: 62 Resp: 966362
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.6 43.8



#6
 Bromomethane
 Concen: 77.146 ug/L
 RT: 2.751 min Scan# 139
 Delta R.T. -0.012 min
 Lab File: VW024349.D
 Acq: 26 Aug 2022 12:54

Tgt Ion: 94 Resp: 609702
 Ion Ratio Lower Upper
 94 100
 96 94.8 63.6 118.0

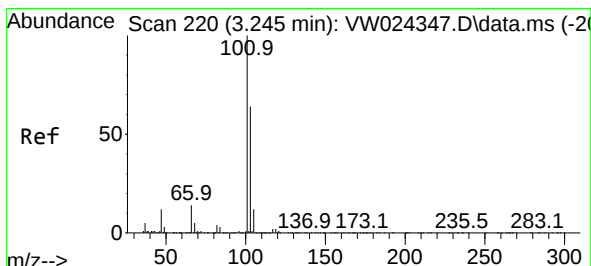
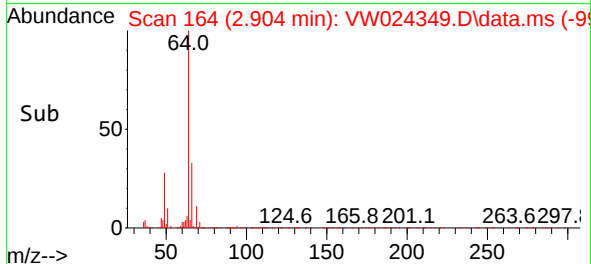
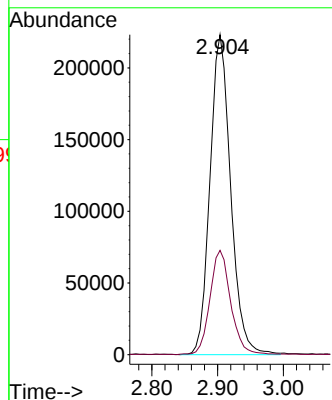
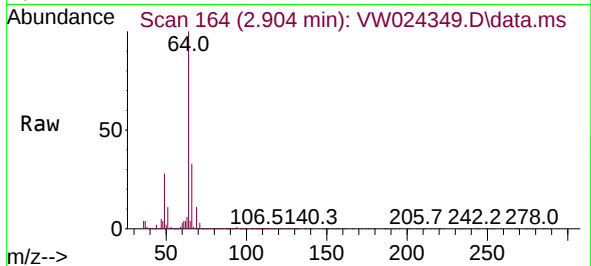




#8
Chloroethane
Concen: 82.200 ug/L
RT: 2.904 min Scan# 164
Delta R.T. -0.006 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

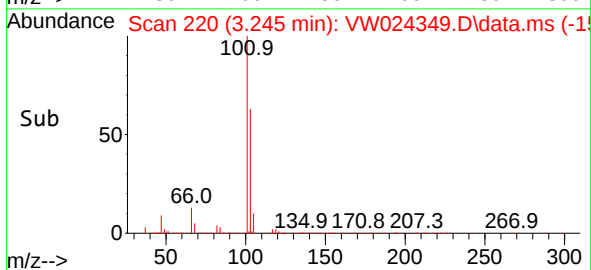
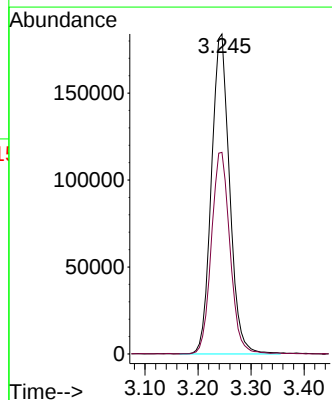
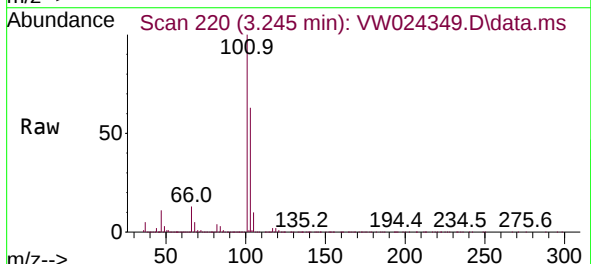
Instrument :
MSVOA_W
ClientSampleId :

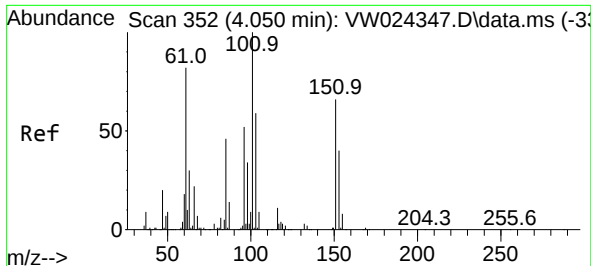
Tgt Ion: 64 Resp: 489089
Ion Ratio Lower Upper
64 100
66 32.6 23.0 42.6



#9
Trichlorofluoromethane
Concen: 82.638 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion: 101 Resp: 437518
Ion Ratio Lower Upper
101 100
103 64.4 50.4 75.6

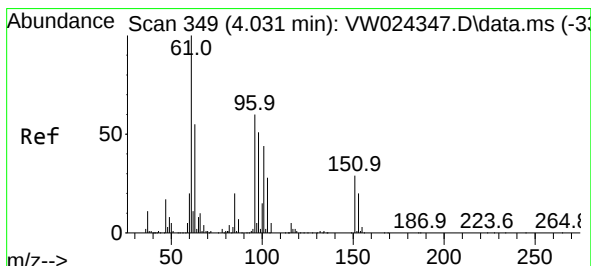
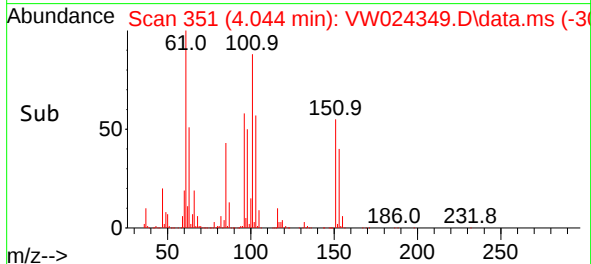
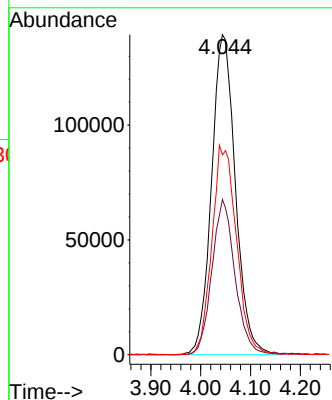
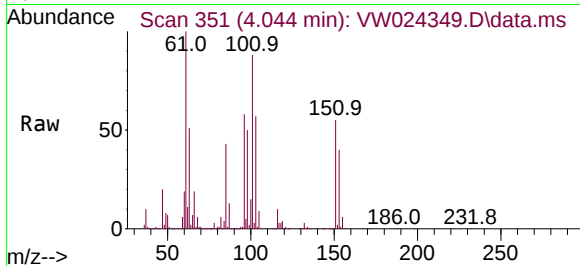




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 91.659 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW024349.D
 Acq: 26 Aug 2022 12:54

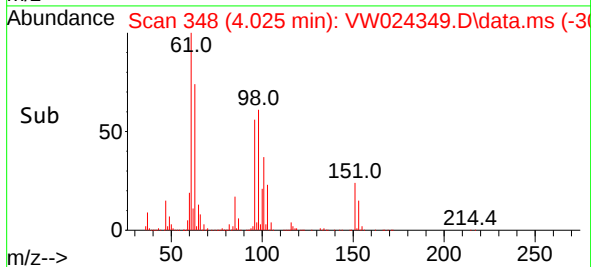
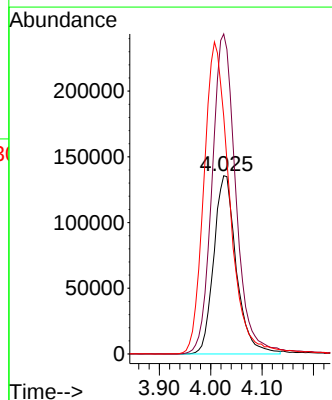
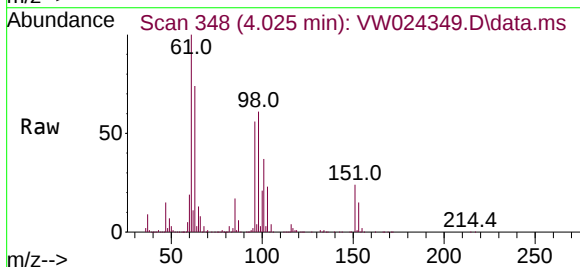
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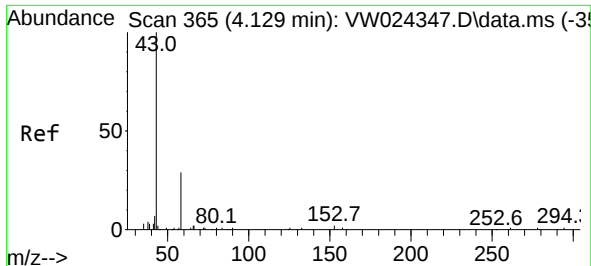
Tgt Ion:101 Resp: 463819
 Ion Ratio Lower Upper
 101 100
 85 46.7 39.1 58.7
 151 32.2 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 100.650 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024349.D
 Acq: 26 Aug 2022 12:54

Tgt Ion: 96 Resp: 413809
 Ion Ratio Lower Upper
 96 100
 61 179.5 118.8 220.6
 63 133.3 72.8 135.2

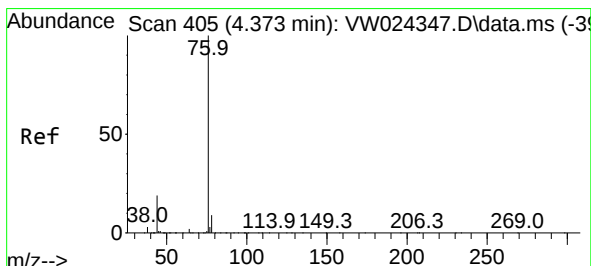
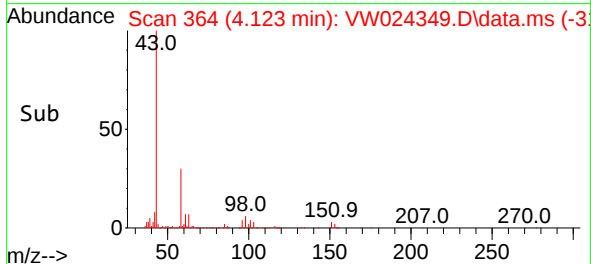
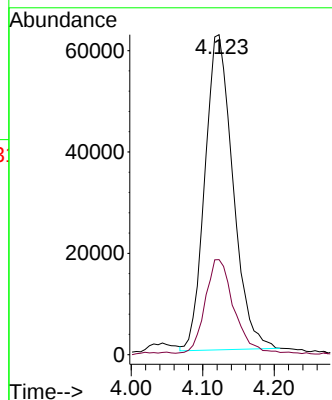
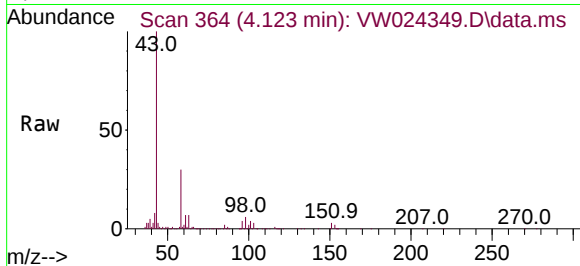




#13
Acetone
Concen: 160.590 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

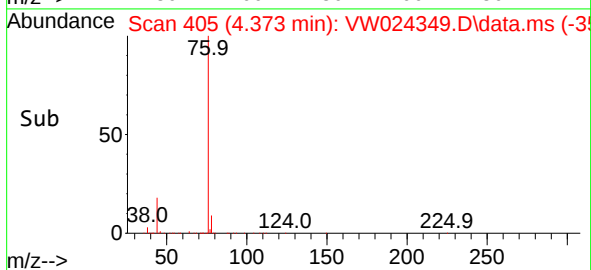
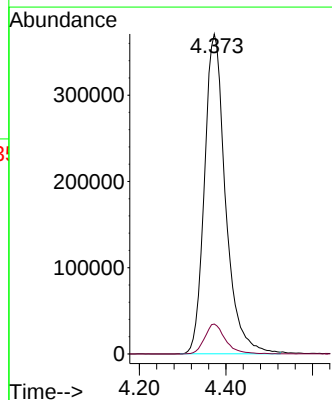
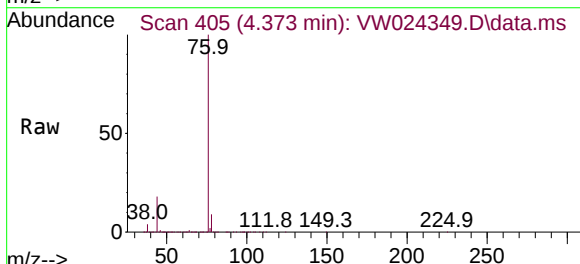
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ClientSampleId :

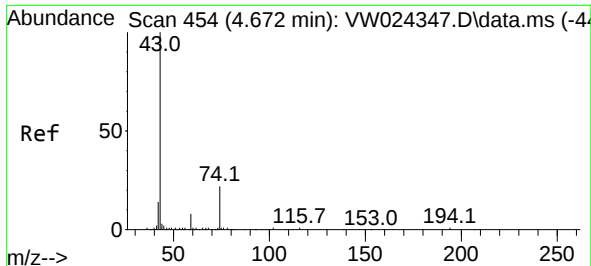
Tgt Ion: 43 Resp: 169581
Ion Ratio Lower Upper
43 100
58 31.2 0.0 58.4



#14
Carbon disulfide
Concen: 91.773 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion: 76 Resp: 1253977
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

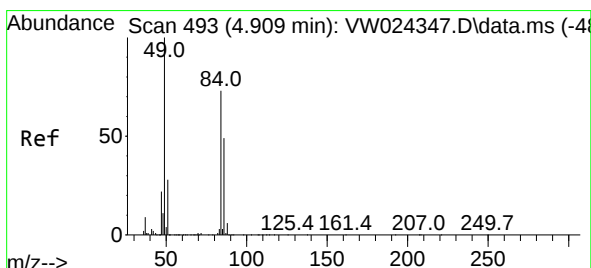
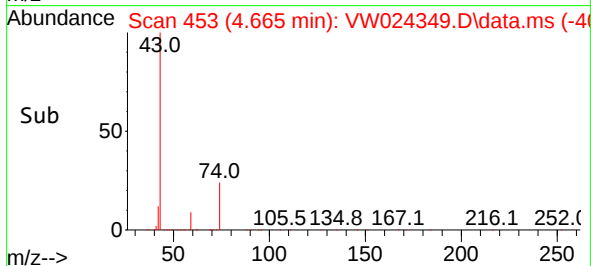
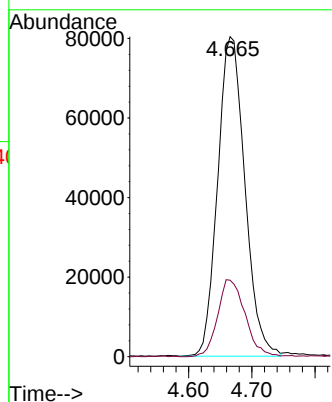
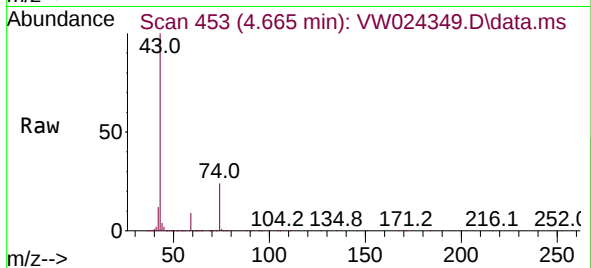




#15
Methyl Acetate
Concen: 94.152 ug/L
RT: 4.665 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

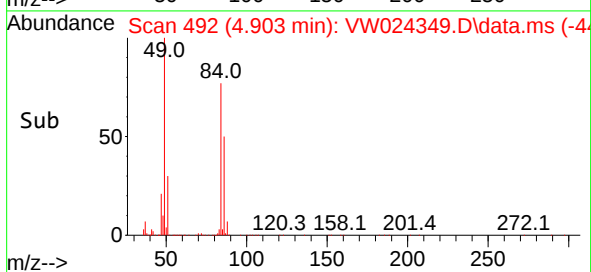
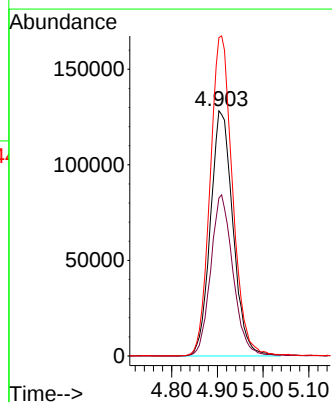
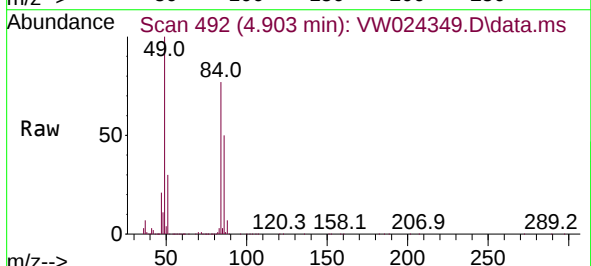
Instrument :
MSVOA_W
ClientSampleId :

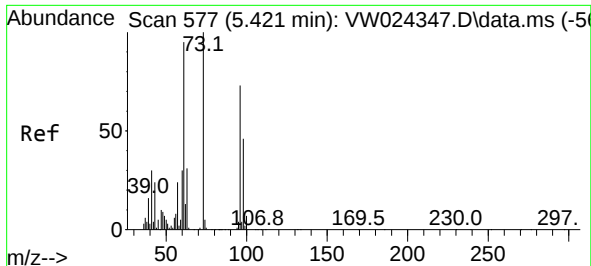
Tgt Ion: 43 Resp: 239503
Ion Ratio Lower Upper
43 100
74 24.2 17.9 26.9



#16
Methylene chloride
Concen: 77.200 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion: 84 Resp: 439658
Ion Ratio Lower Upper
84 100
86 64.4 47.7 88.7
49 129.9 96.6 179.4

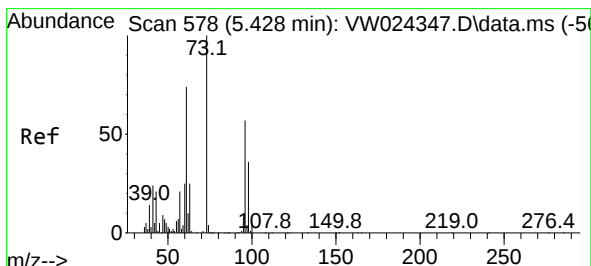
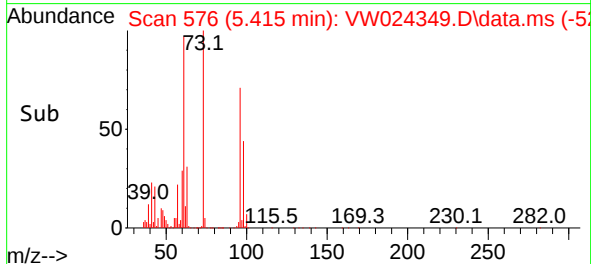
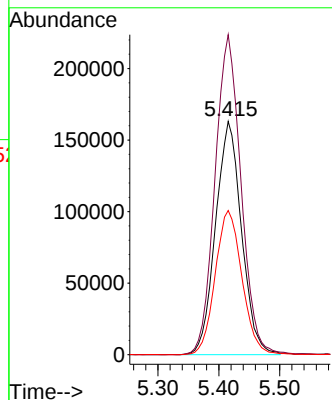
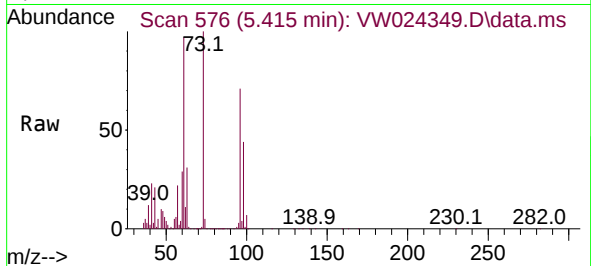




#17
trans-1,2-Dichloroethene
Concen: 99.501 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

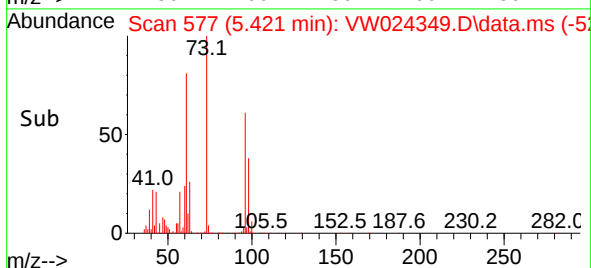
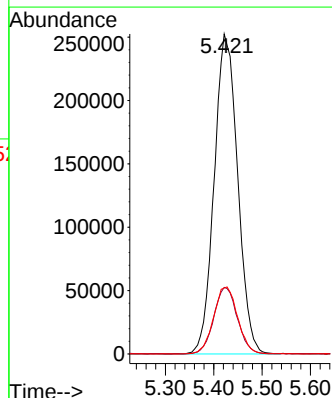
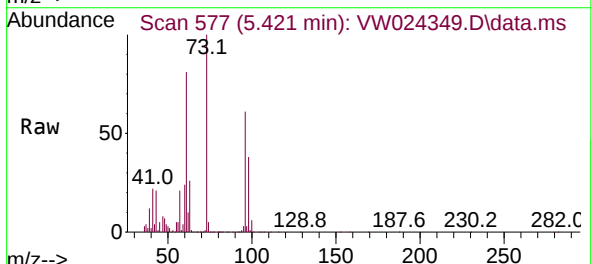
Instrument :
MSVOA_W
ClientSampleId :

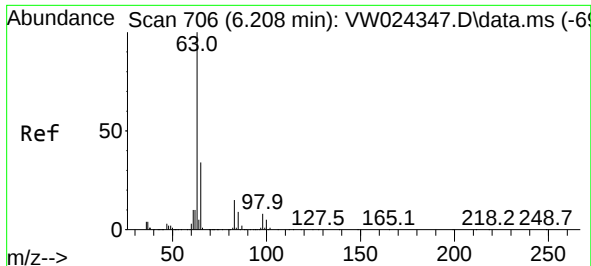
Tgt Ion: 96 Resp: 484222
Ion Ratio Lower Upper
96 100
61 137.2 92.1 171.1
98 61.8 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 106.704 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion: 73 Resp: 850253
Ion Ratio Lower Upper
73 100
43 21.0 18.8 28.2
57 21.5 18.1 27.1





#19

1,1-Dichloroethane

Concen: 91.846 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

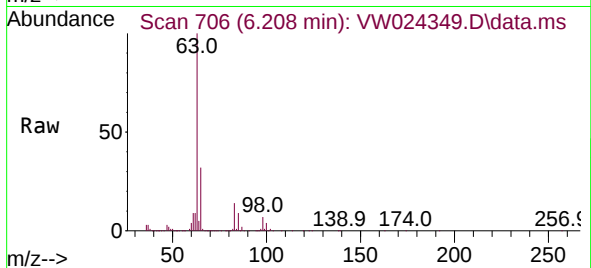
Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :



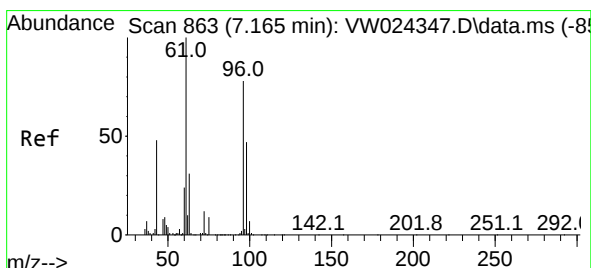
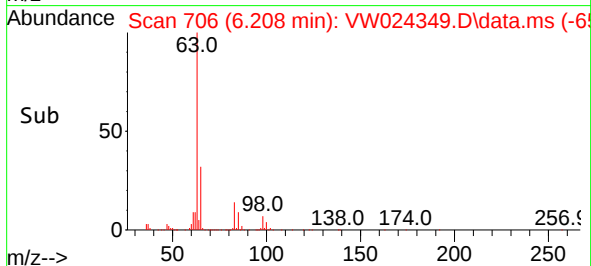
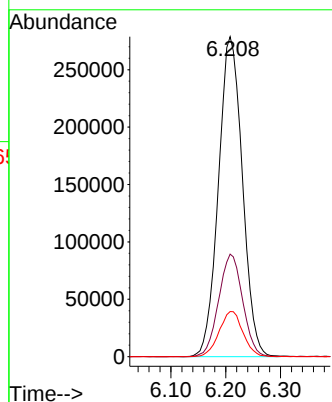
Tgt Ion: 63 Resp: 845200

Ion Ratio Lower Upper

63 100

65 32.1 23.6 43.8

83 14.1 10.4 19.4



#20

cis-1,2-Dichloroethene

Concen: 0.044 ug/L

RT: 7.311 min Scan# 887

Delta R.T. 0.146 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

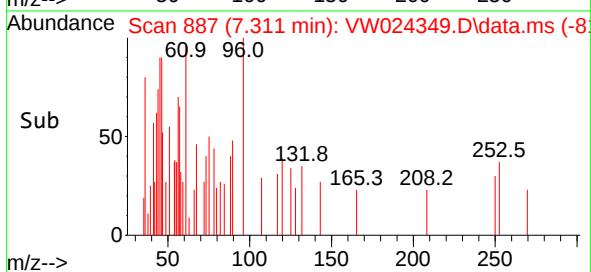
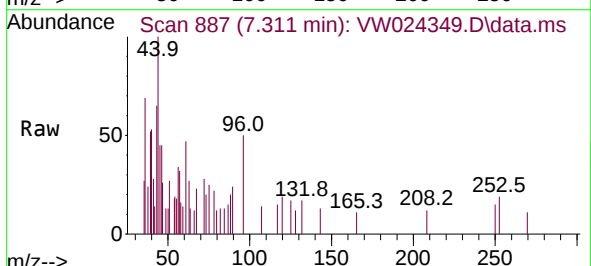
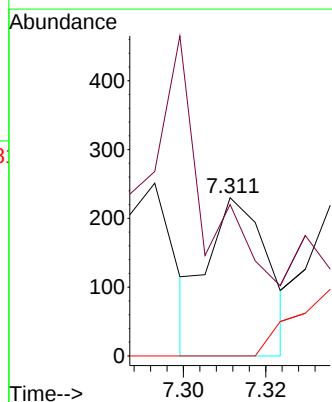
Tgt Ion: 96 Resp: 233

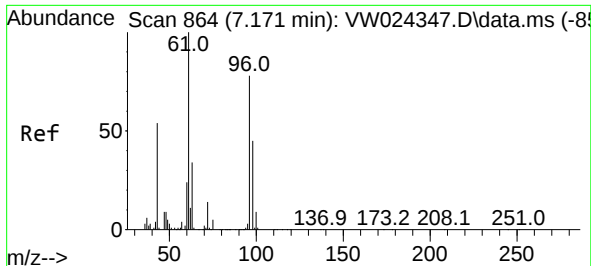
Ion Ratio Lower Upper

96 100

61 95.7 90.2 167.6

68 0.0 0.0 0.0

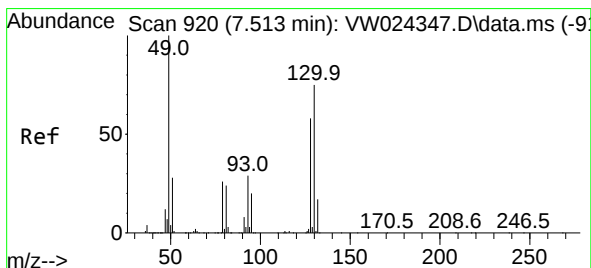
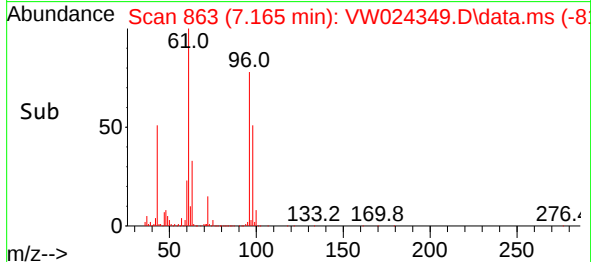
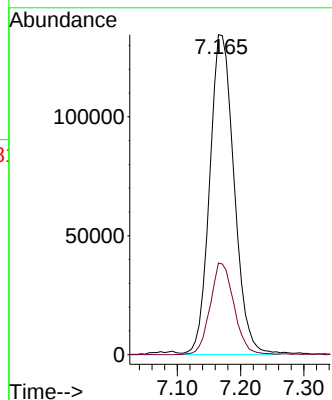
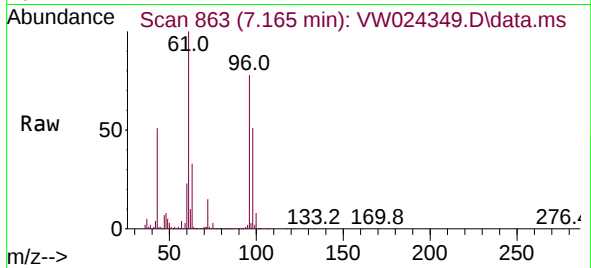




#22
2-Butanone
Concen: 194.269 ug/L
RT: 7.165 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

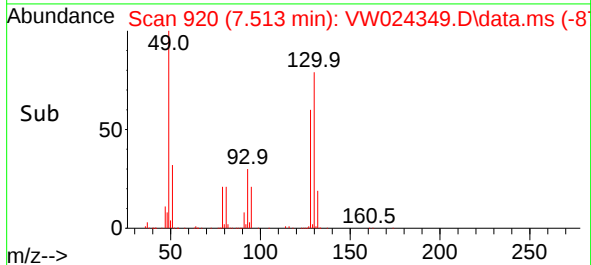
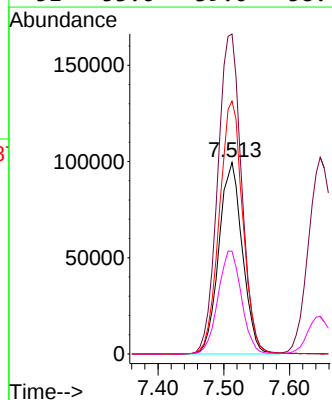
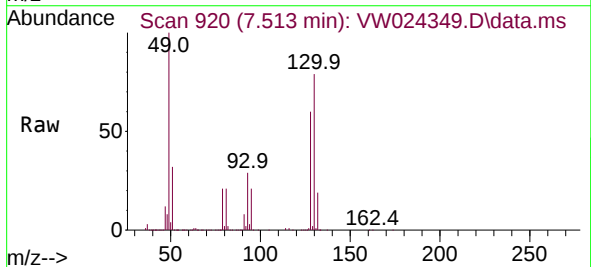
Instrument :
MSVOA_W
ClientSampleId :

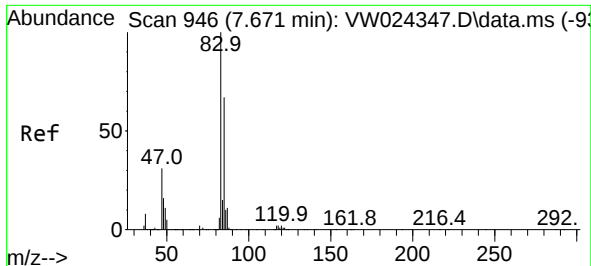
Tgt Ion: 43 Resp: 361045
Ion Ratio Lower Upper
43 100
72 27.9 13.9 41.6



#23
Bromochloromethane
Concen: 94.669 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion:128 Resp: 247386
Ion Ratio Lower Upper
128 100
49 167.0 122.1 226.7
130 132.0 91.1 169.1
51 53.6 39.0 58.4

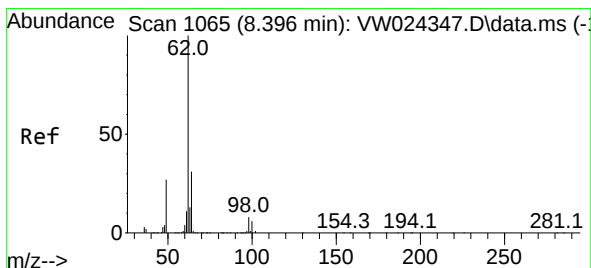
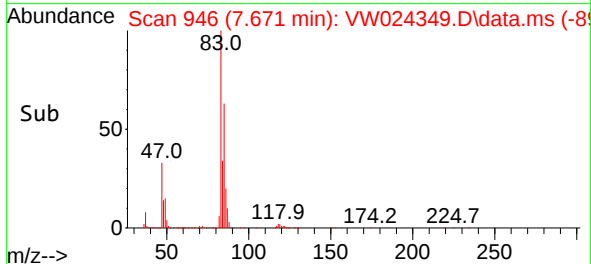
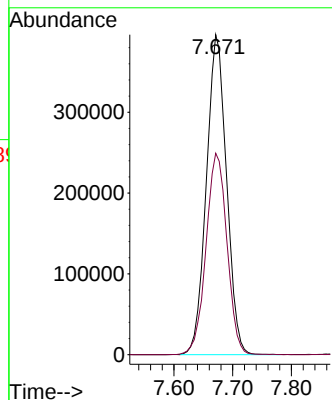
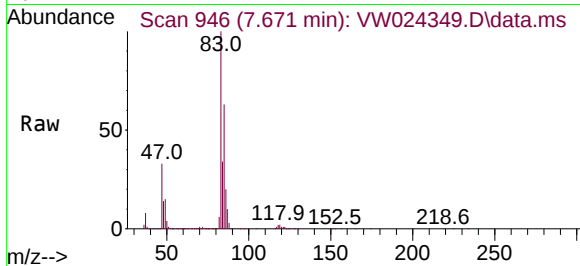




#25
Chloroform
Concen: 92.564 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

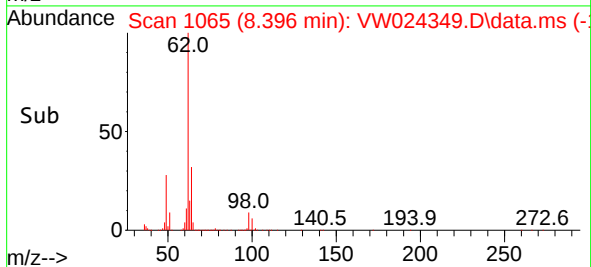
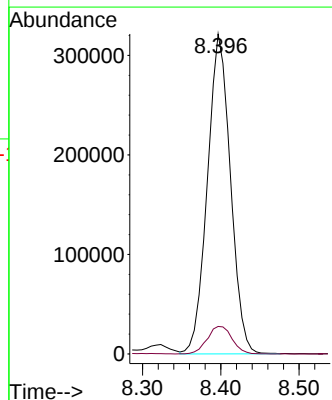
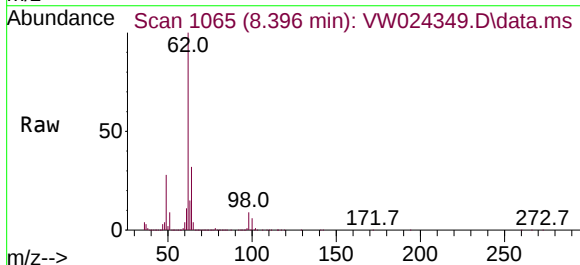
Instrument :
MSVOA_W
ClientSampleId :

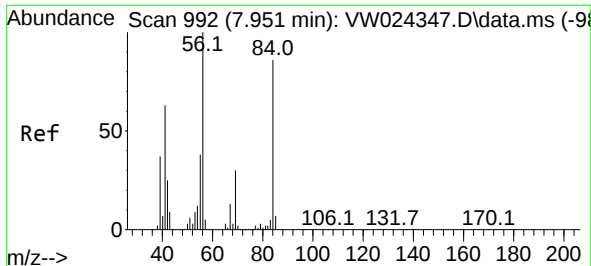
Tgt Ion: 83 Resp: 945080
Ion Ratio Lower Upper
83 100
85 62.9 47.5 88.1



#27
1,2-Dichloroethane
Concen: 88.505 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

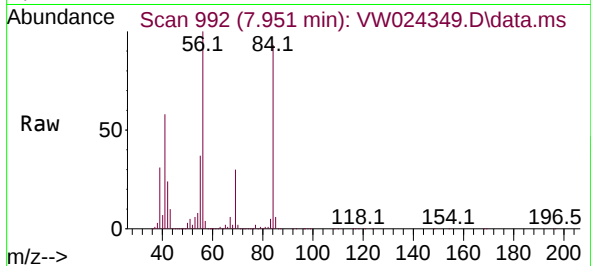
Tgt Ion: 62 Resp: 657763
Ion Ratio Lower Upper
62 100
98 8.6 6.7 10.1



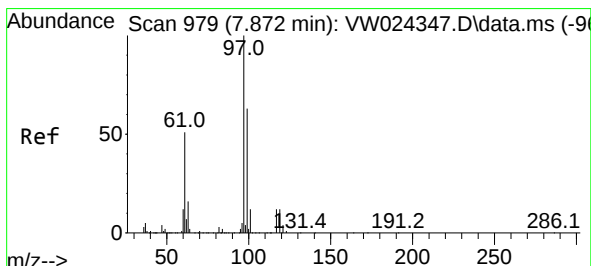
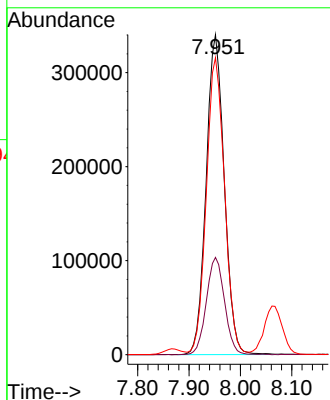
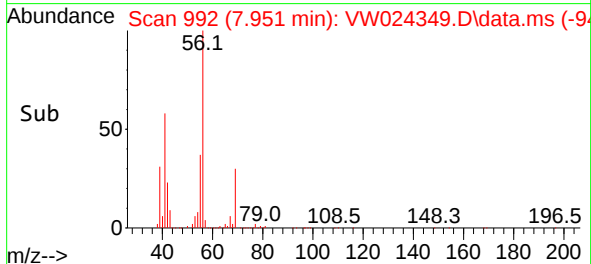


#29
Cyclohexane
Concen: 110.242 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Instrument :
MSVOA_W
ClientSampleId :

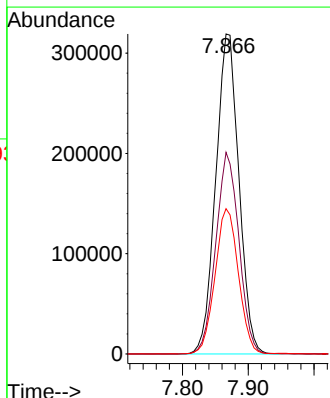
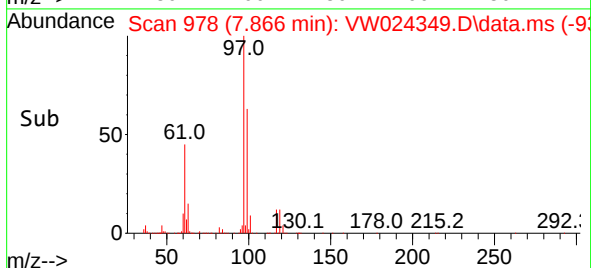
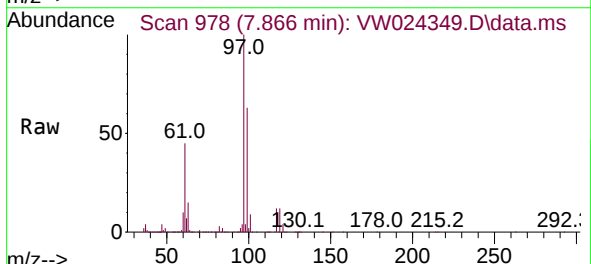


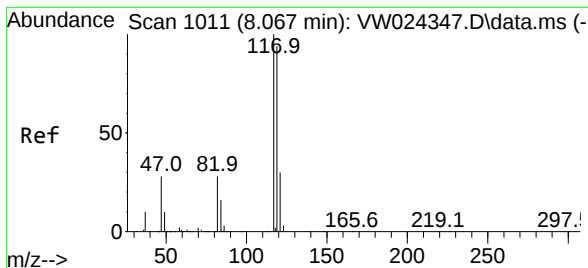
Tgt Ion: 56 Resp: 833099
Ion Ratio Lower Upper
56 100
69 30.5 23.5 35.3
84 93.3 72.2 108.4



#30
1,1,1-Trichloroethane
Concen: 94.715 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion: 97 Resp: 782739
Ion Ratio Lower Upper
97 100
99 62.8 50.2 75.2
61 45.8 40.2 60.4

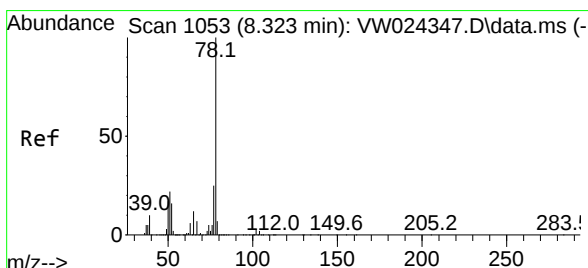
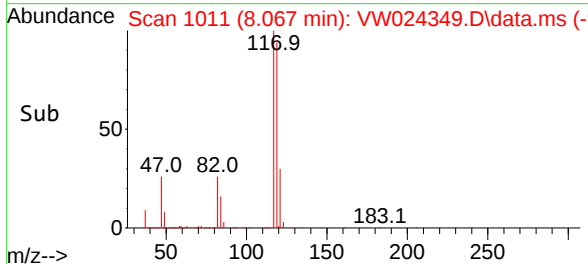
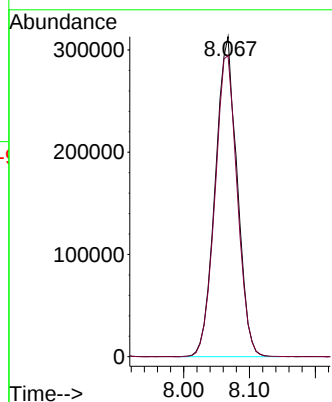
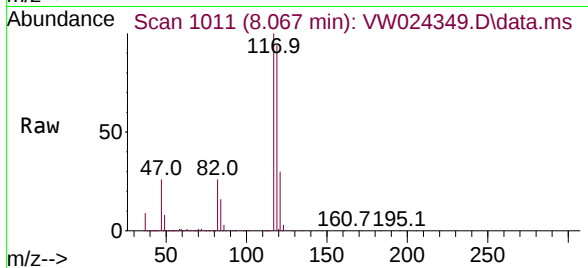




#31
Carbon tetrachloride
Concen: 95.734 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

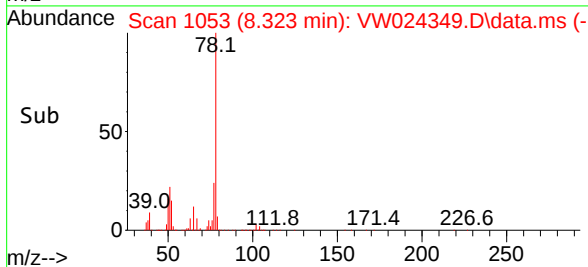
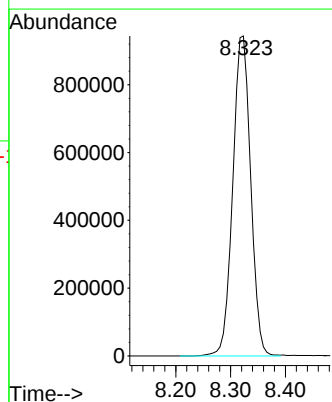
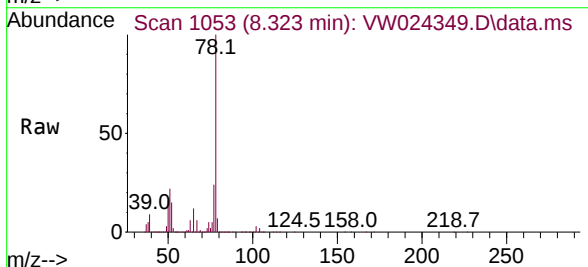
Instrument :
MSVOA_W
ClientSampleId :

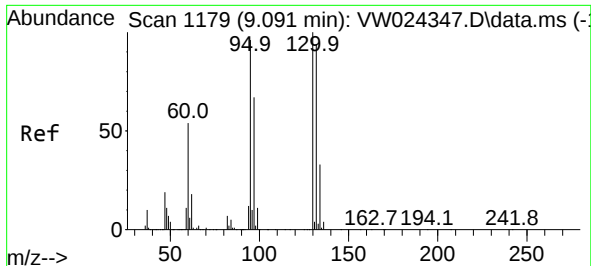
Tgt Ion:117 Resp: 723789
Ion Ratio Lower Upper
117 100
119 96.1 75.9 113.9



#33
Benzene
Concen: 97.971 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

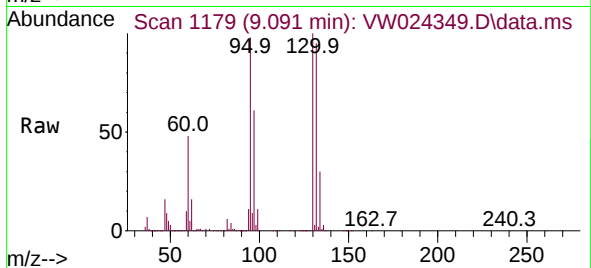
Tgt Ion: 78 Resp: 2137468



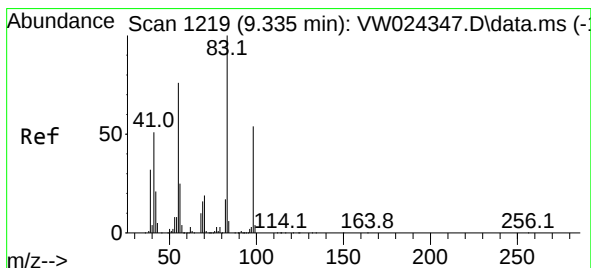
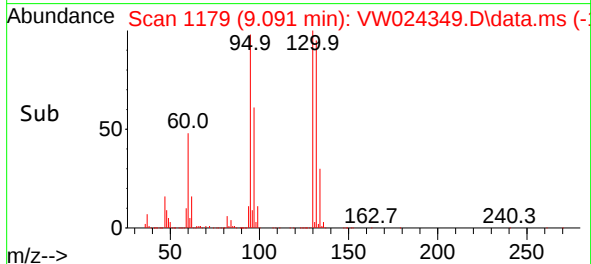
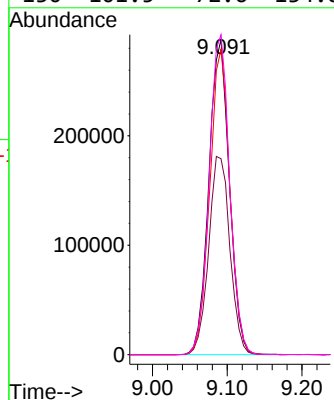


#34
 Trichloroethene
 Concen: 95.777 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW024349.D
 Acq: 26 Aug 2022 12:54

Instrument :
 MSVOA_W
 ClientSampleId :

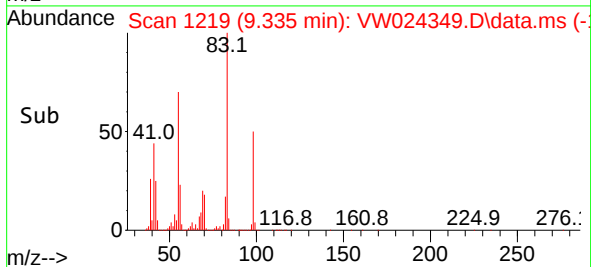
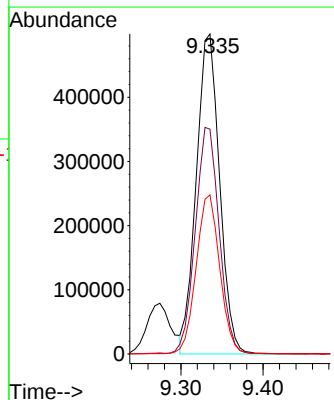
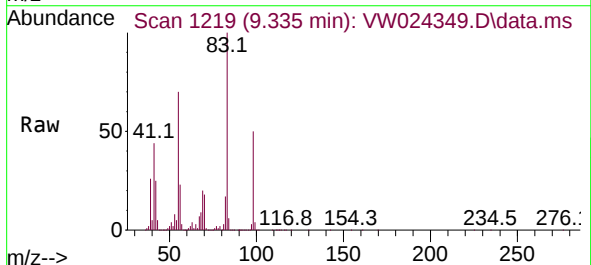


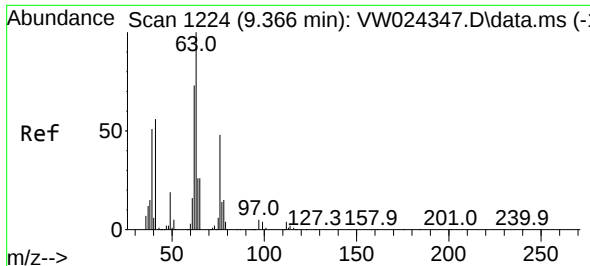
Tgt Ion: 95 Resp: 550904
 Ion Ratio Lower Upper
 95 100
 97 62.2 48.4 89.8
 132 96.9 68.6 127.4
 130 101.5 72.6 134.8



#35
 Methylcyclohexane
 Concen: 106.369 ug/L
 RT: 9.335 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VW024349.D
 Acq: 26 Aug 2022 12:54

Tgt Ion: 83 Resp: 981785
 Ion Ratio Lower Upper
 83 100
 55 72.2 60.1 90.1
 98 50.2 40.5 60.7





#37

1,2-Dichloropropane

Concen: 93.300 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

Instrument :

MSVOA_W

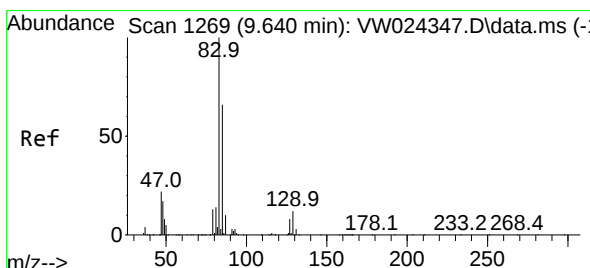
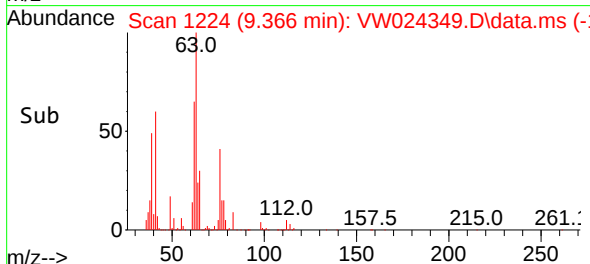
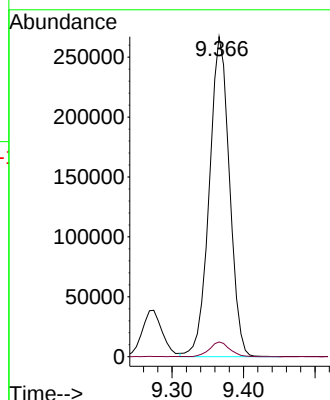
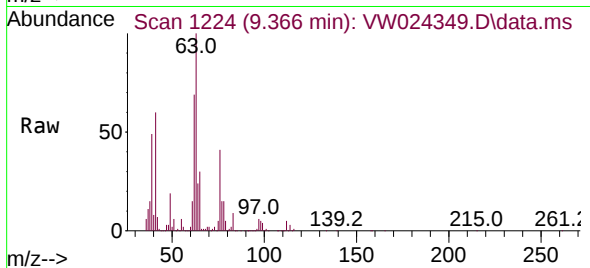
ClientSampleId :

Tgt Ion: 63 Resp: 522721

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.0



#38

Bromodichloromethane

Concen: 95.594 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

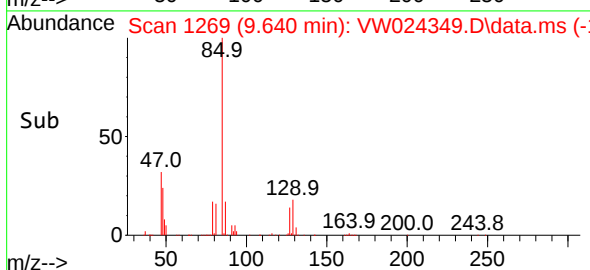
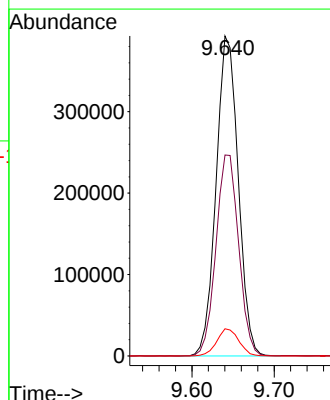
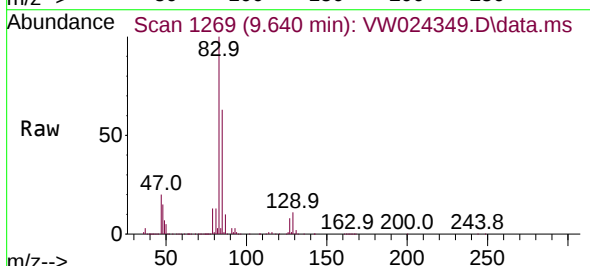
Tgt Ion: 83 Resp: 733190

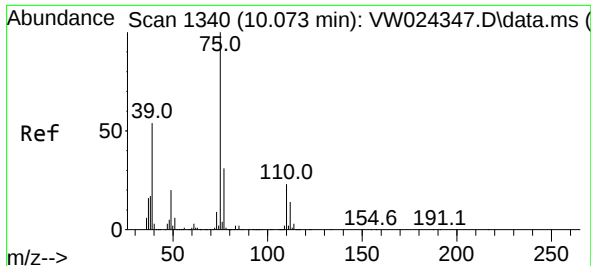
Ion Ratio Lower Upper

83 100

85 62.8 46.3 85.9

127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 111.260 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

Instrument :

MSVOA_W

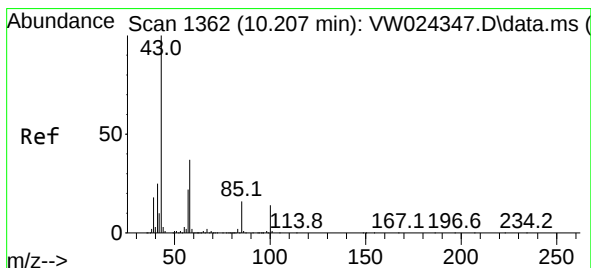
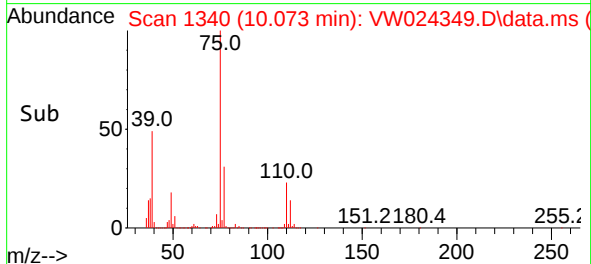
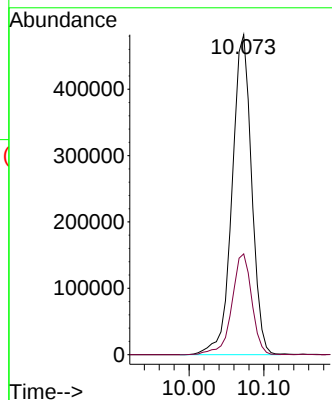
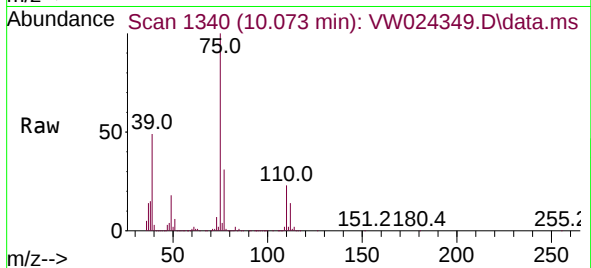
ClientSampleId :

Tgt Ion: 75 Resp: 875942

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 216.486 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

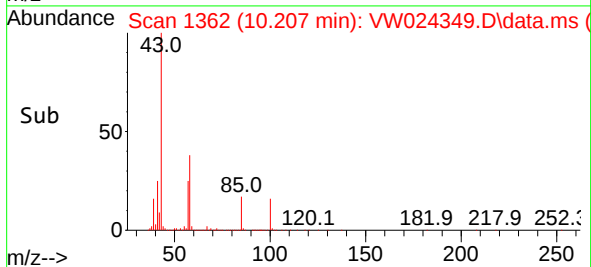
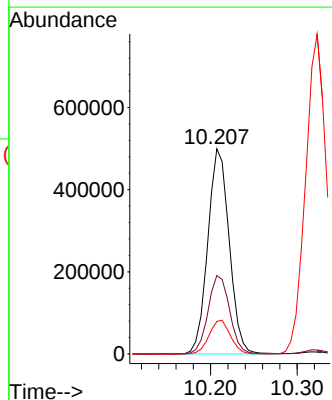
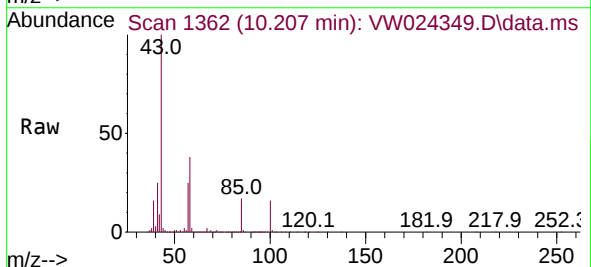
Tgt Ion: 43 Resp: 858152

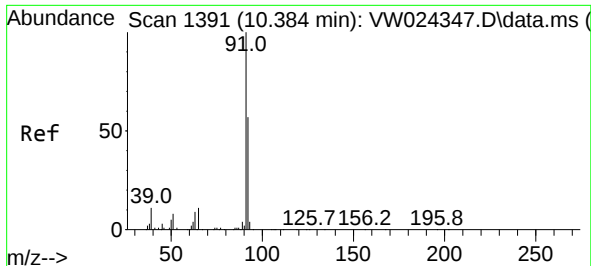
Ion Ratio Lower Upper

43 100

58 38.5 29.4 44.2

100 16.4 11.8 17.8

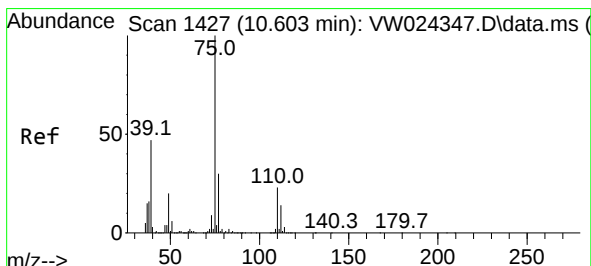
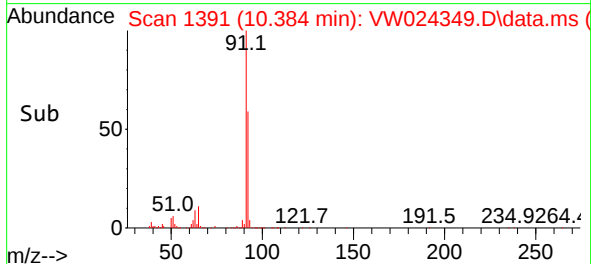
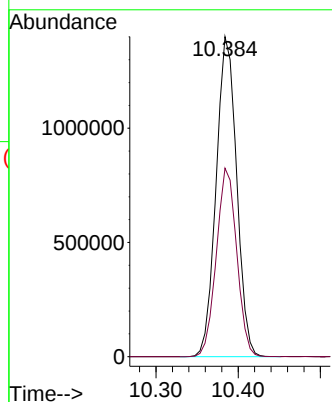
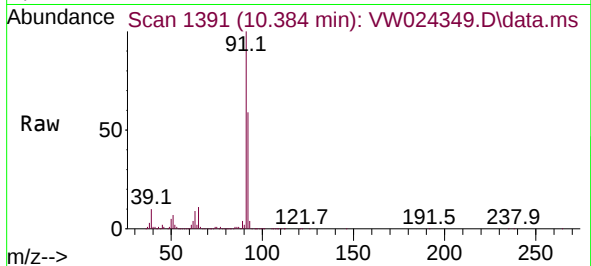




#42
Toluene
Concen: 100.822 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

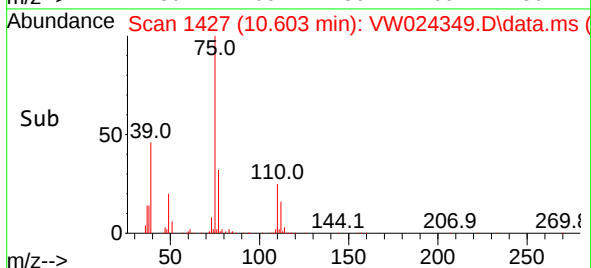
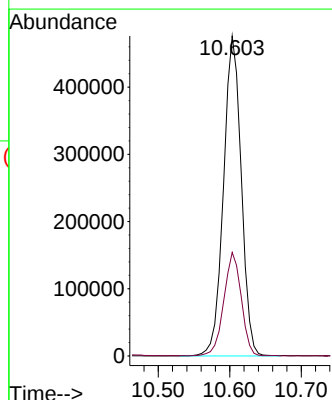
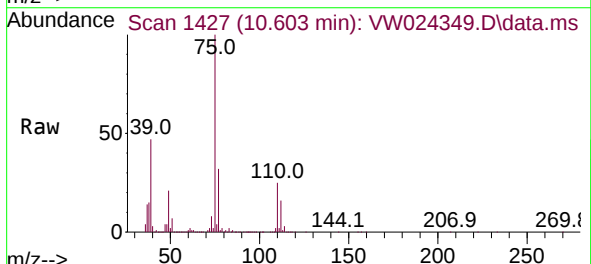
Instrument :
MSVOA_W
ClientSampleId :

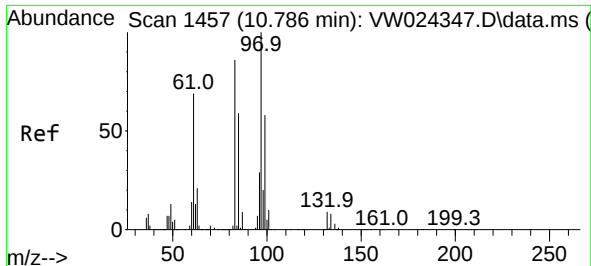
Tgt Ion: 91 Resp: 2428262
Ion Ratio Lower Upper
91 100
92 58.9 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 107.326 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

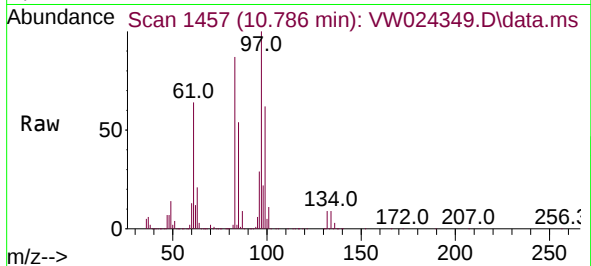
Tgt Ion: 75 Resp: 821047
Ion Ratio Lower Upper
75 100
77 32.3 21.1 39.1



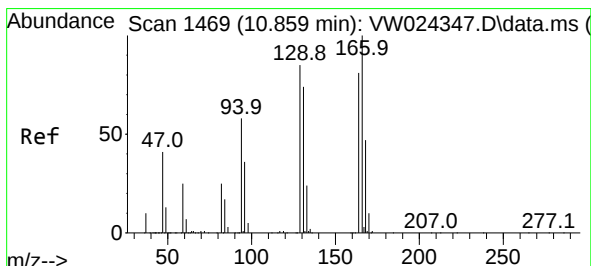
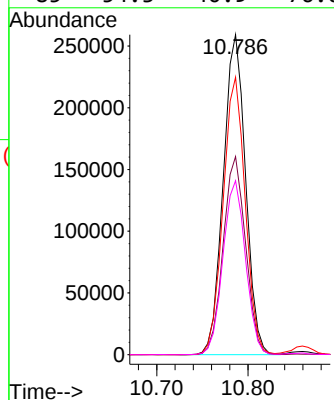
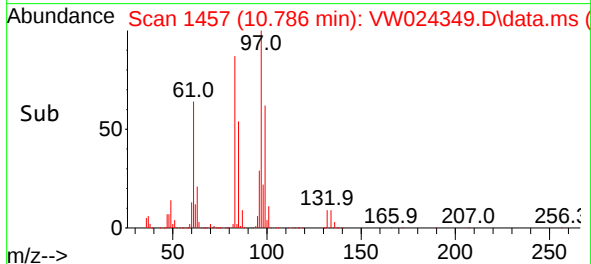


#45
1,1,2-Trichloroethane
Concen: 95.773 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

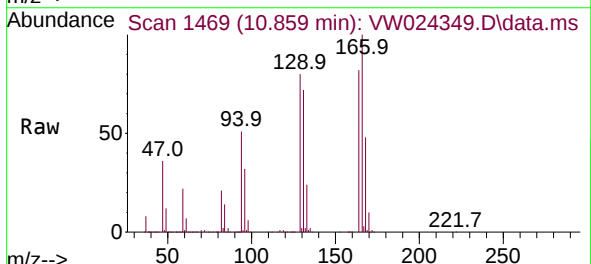
Instrument :
MSVOA_W
ClientSampleId :



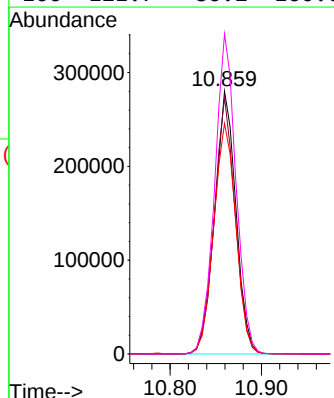
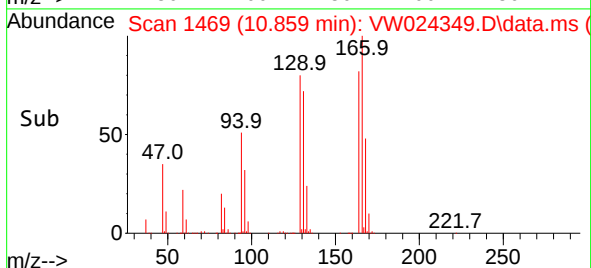
Tgt Ion:	97	Resp:	439866
Ion	Ratio	Lower	Upper
97	100		
99	61.9	40.4	75.0
83	86.7	60.1	111.5
85	54.3	40.9	76.0

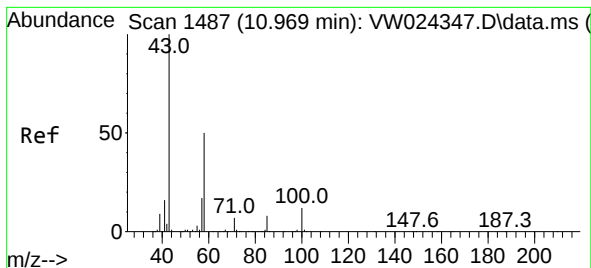


#46
Tetrachloroethene
Concen: 101.144 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54



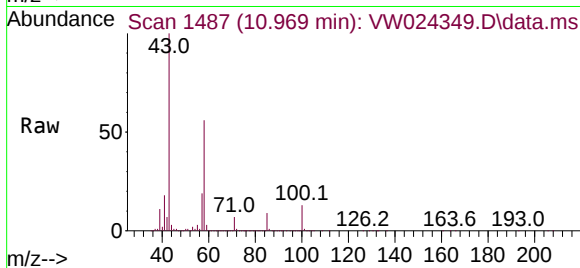
Tgt Ion:	164	Resp:	451829
Ion	Ratio	Lower	Upper
164	100		
129	97.6	72.9	135.3
131	87.7	63.7	118.3
166	121.7	86.2	160.0



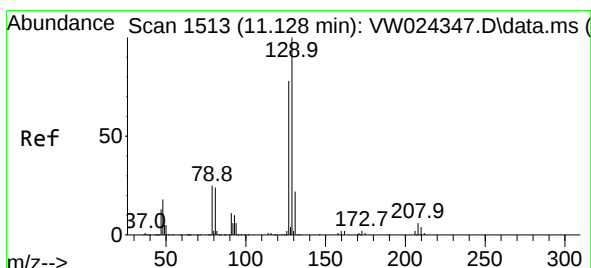
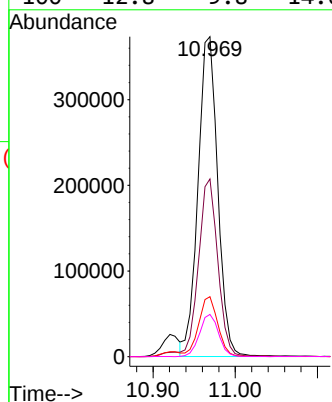
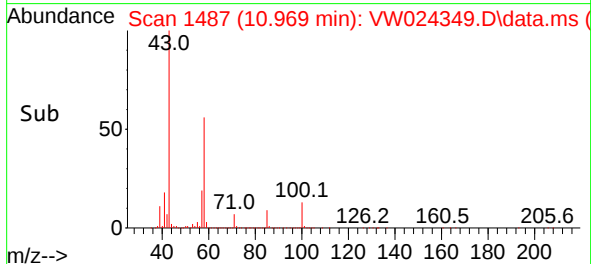


#48
2-Hexanone
Concen: 210.877 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Instrument :
MSVOA_W
ClientSampleId :

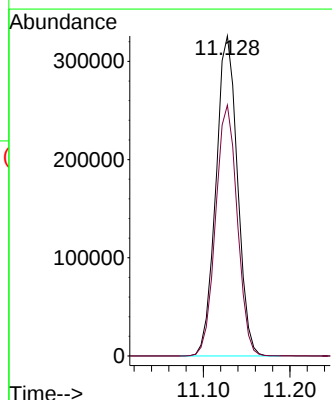
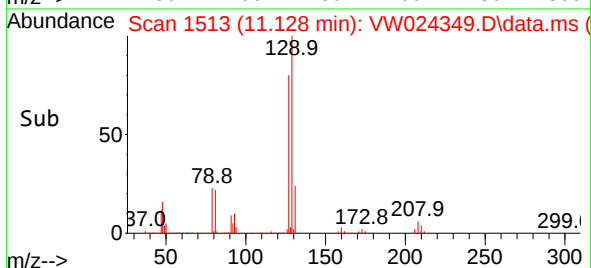
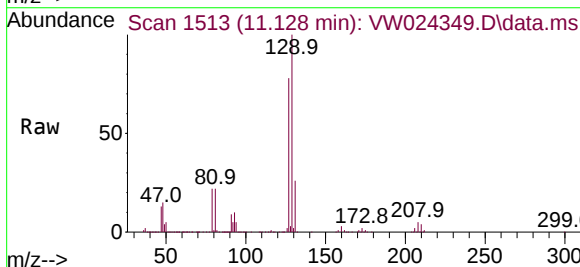


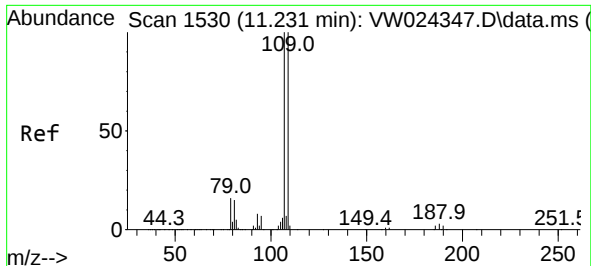
Tgt Ion: 43 Resp: 622795
Ion Ratio Lower Upper
43 100
58 53.7 40.6 61.0
57 18.3 14.2 21.2
100 12.8 9.8 14.6



#49
Dibromochloromethane
Concen: 103.698 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion: 129 Resp: 563304
Ion Ratio Lower Upper
129 100
127 78.4 54.6 101.4

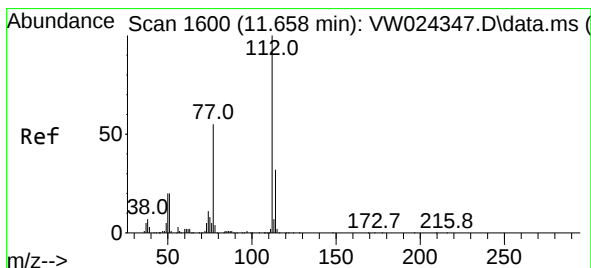
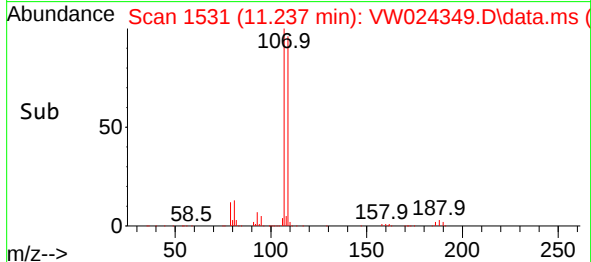
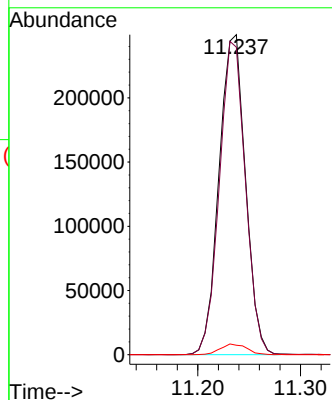
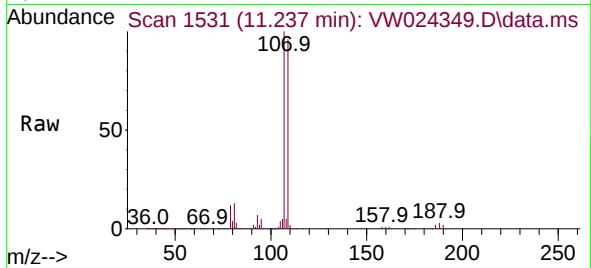




#50
1,2-Dibromoethane
Concen: 100.706 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

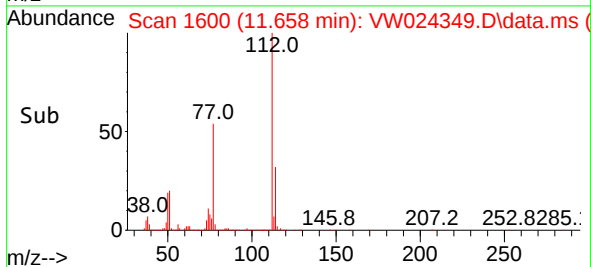
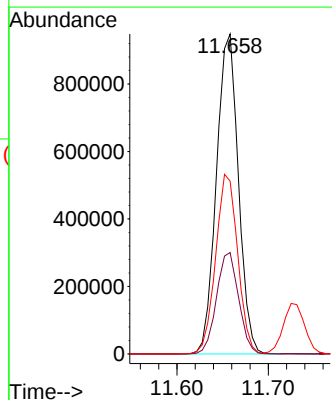
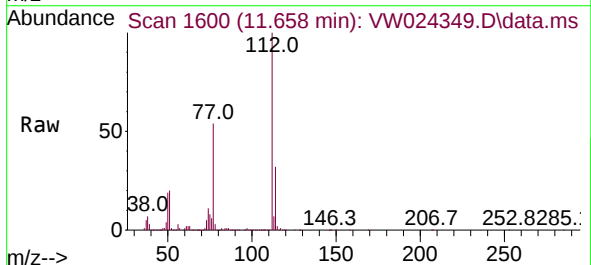
Instrument :
MSVOA_W
ClientSampleId :

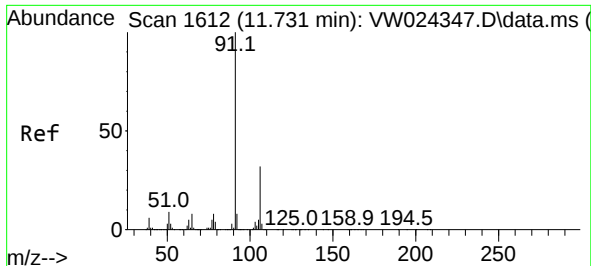
Tgt Ion:107 Resp: 444664
Ion Ratio Lower Upper
107 100
109 96.1 70.1 130.1
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 98.059 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion:112 Resp: 1585176
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.3
77 54.0 44.1 66.1

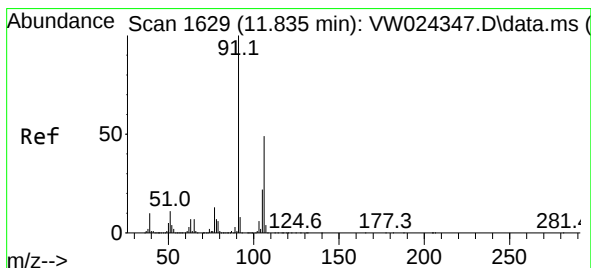
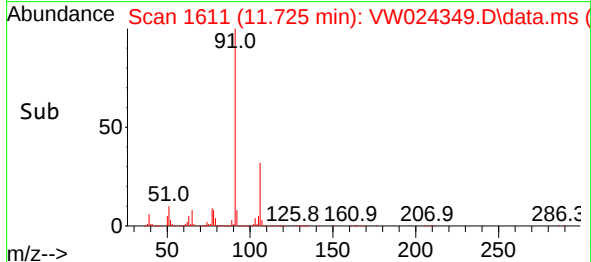
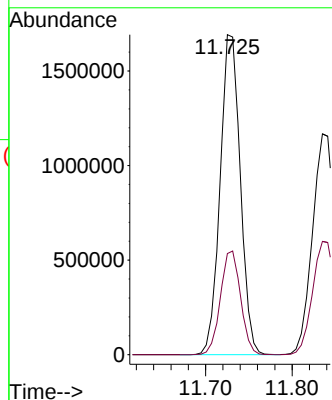
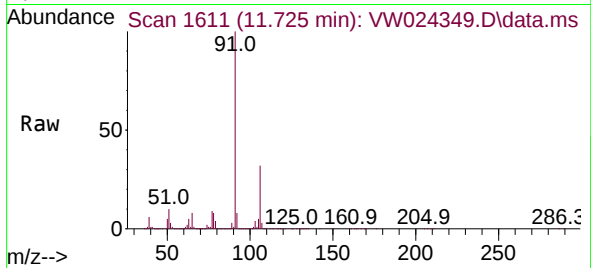




#52
Ethylbenzene
Concen: 102.966 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

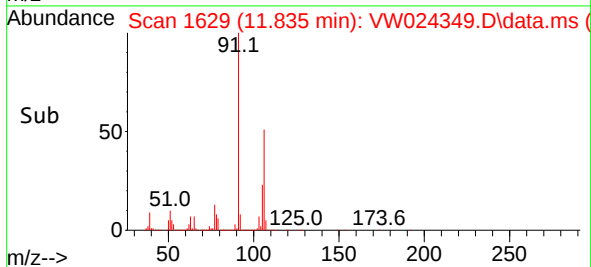
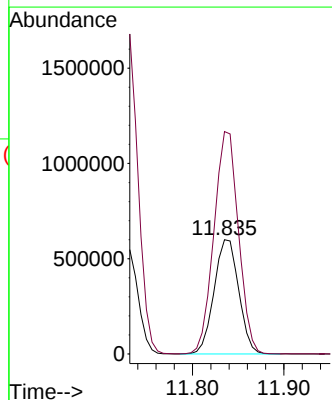
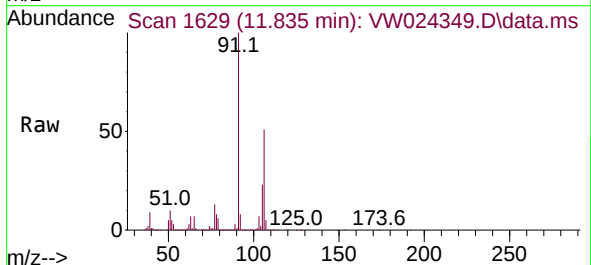
Instrument :
MSVOA_W
ClientSampleId :

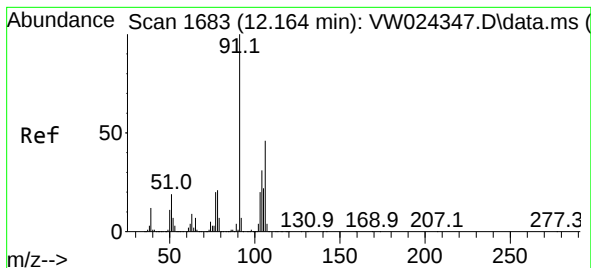
Tgt Ion: 91 Resp: 2741730
Ion Ratio Lower Upper
91 100
106 31.6 22.7 42.3



#53
m,p-Xylene
Concen: 107.353 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion:106 Resp: 1122620
Ion Ratio Lower Upper
106 100
91 194.9 144.3 267.9

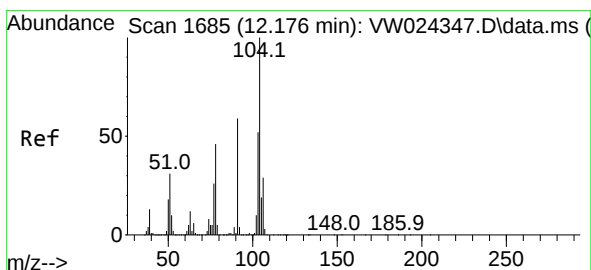
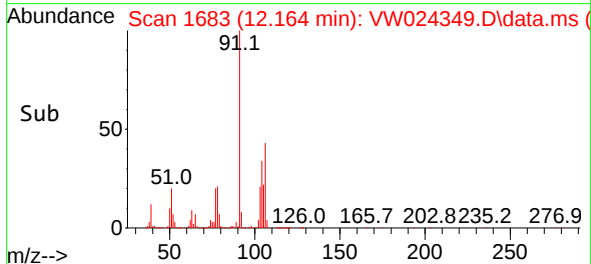
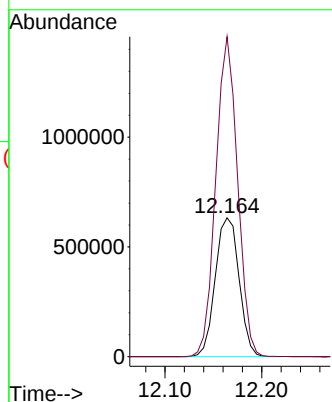
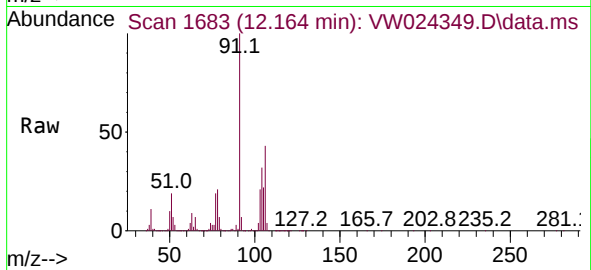




#54
o-Xylene
Concen: 110.411 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

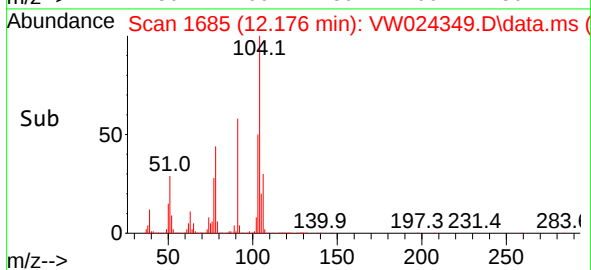
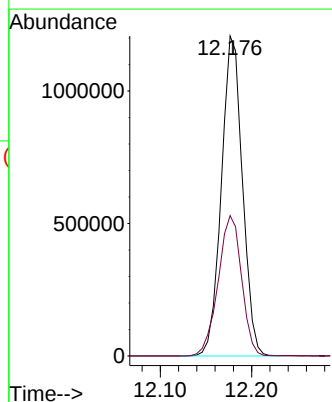
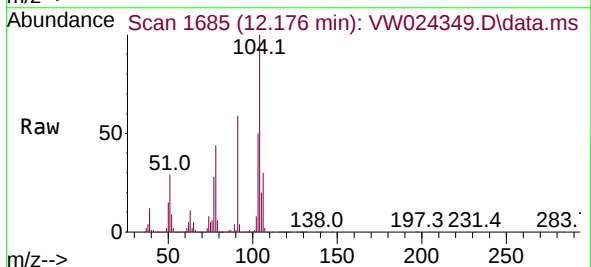
Instrument :
MSVOA_W
ClientSampleId :

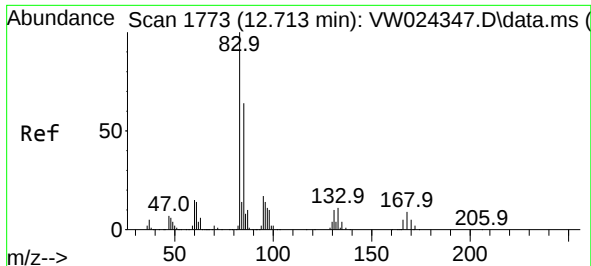
Tgt Ion:106 Resp: 1079342
Ion Ratio Lower Upper
106 100
91 230.3 152.1 282.5



#55
Styrene
Concen: 111.911 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion:104 Resp: 1933835
Ion Ratio Lower Upper
104 100
78 43.8 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 95.373 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

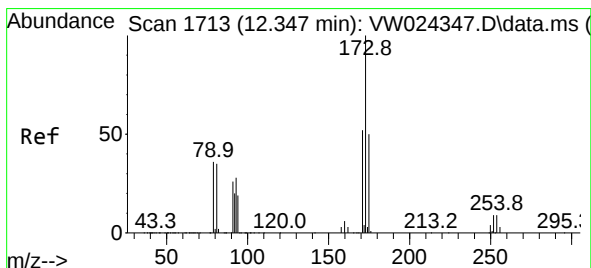
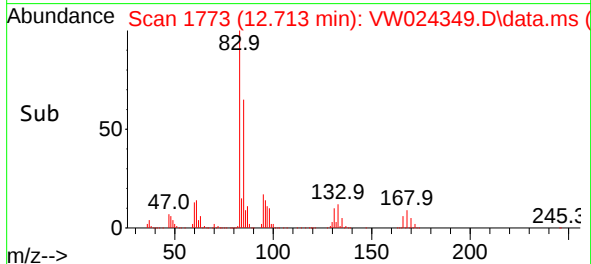
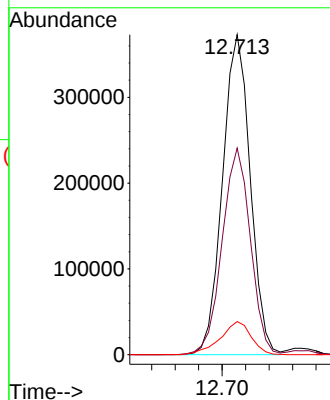
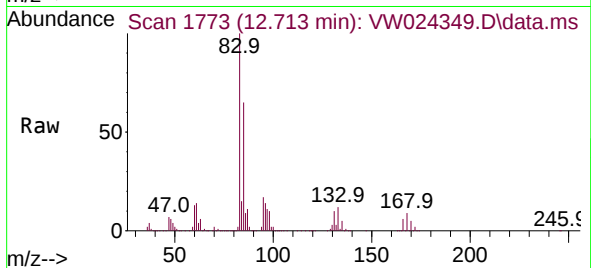
Tgt Ion: 83 Resp: 611401

Ion Ratio Lower Upper

83 100

85 64.6 44.4 82.5

131 10.4 8.4 12.6



#59

Bromoform

Concen: 104.097 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

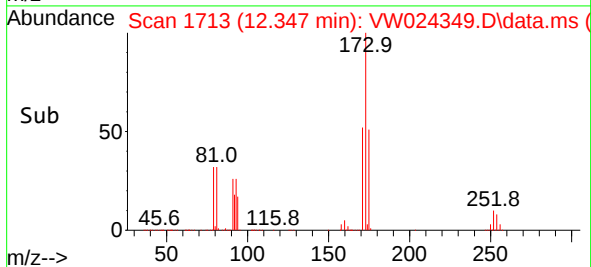
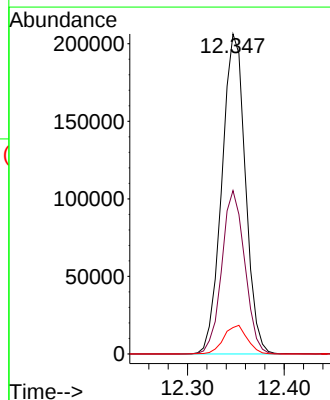
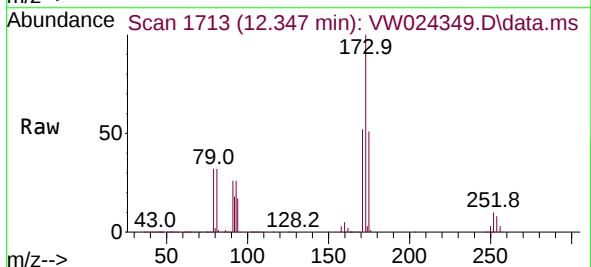
Tgt Ion: 173 Resp: 347760

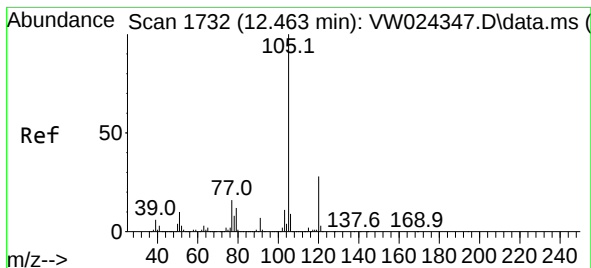
Ion Ratio Lower Upper

173 100

175 49.9 39.8 59.6

254 8.9 6.8 10.2





#60

Isopropylbenzene

Concen: 105.525 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

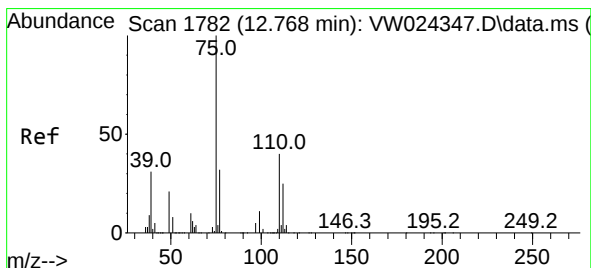
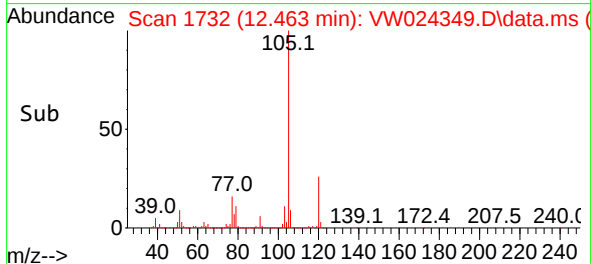
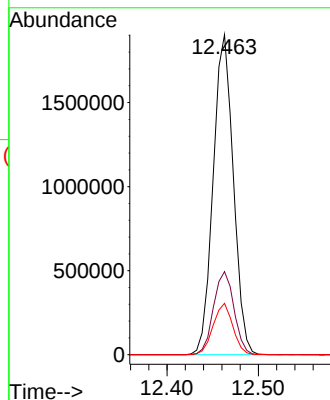
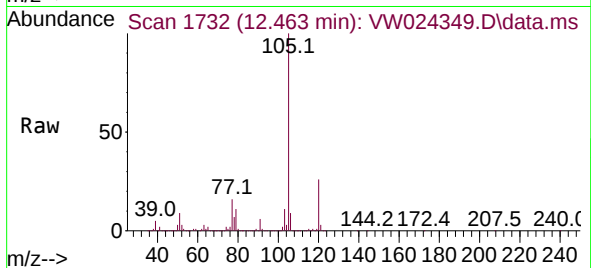
Tgt Ion:105 Resp: 2917676

Ion Ratio Lower Upper

105 100

120 26.4 21.4 32.0

77 15.7 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 91.938 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

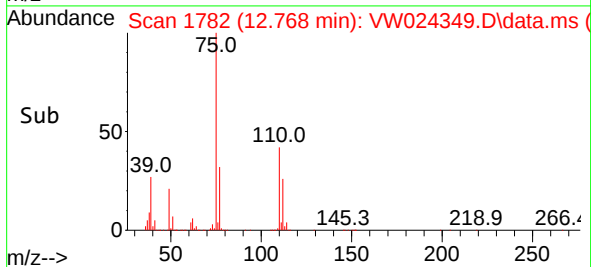
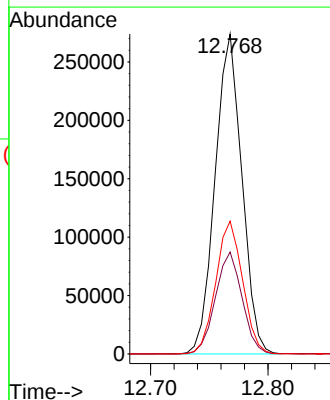
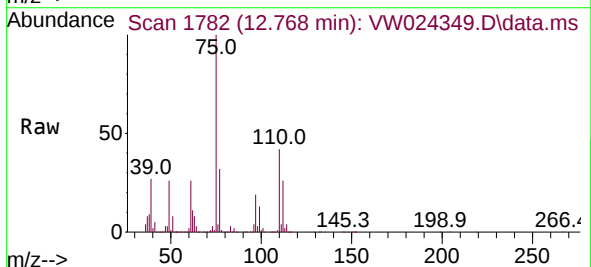
Tgt Ion: 75 Resp: 434367

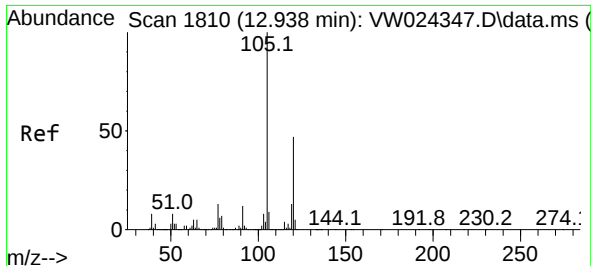
Ion Ratio Lower Upper

75 100

77 31.8 26.5 39.7

110 41.6 33.8 50.8





#62

1,3,5-Trimethylbenzene

Concen: 112.501 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

Instrument :

MSVOA_W

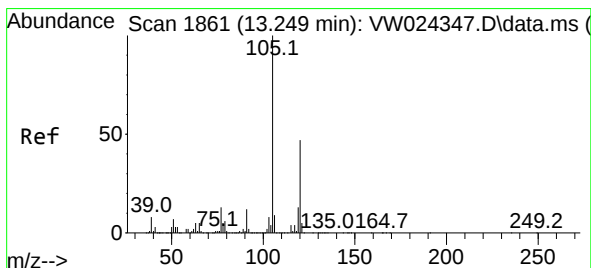
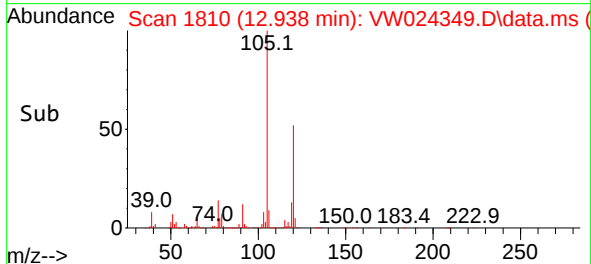
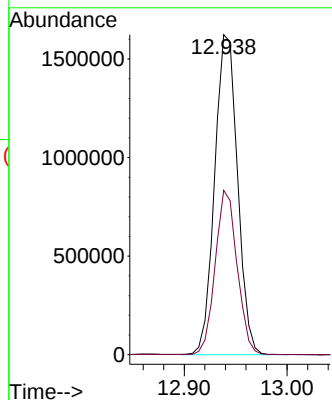
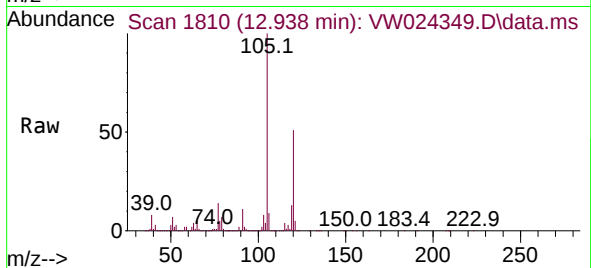
ClientSampleId :

Tgt Ion:105 Resp: 2508150

Ion Ratio Lower Upper

105 100

120 49.1 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 113.318 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024349.D

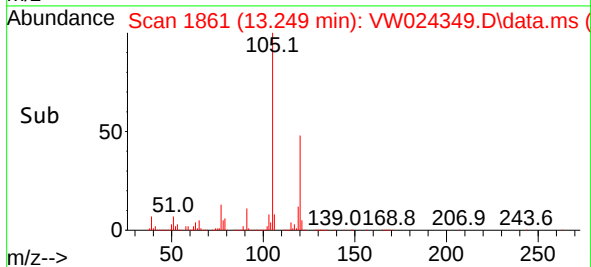
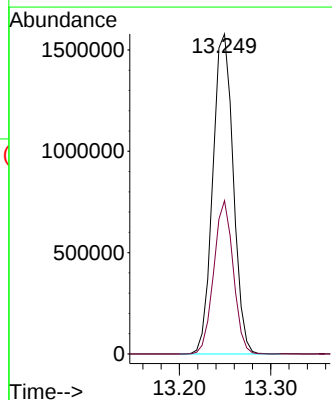
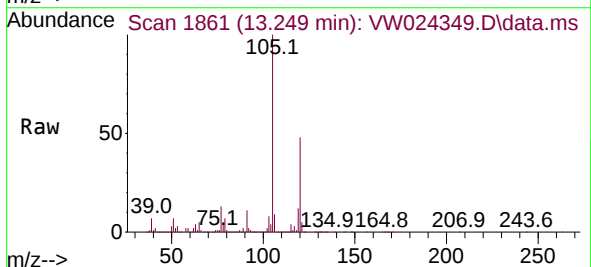
Acq: 26 Aug 2022 12:54

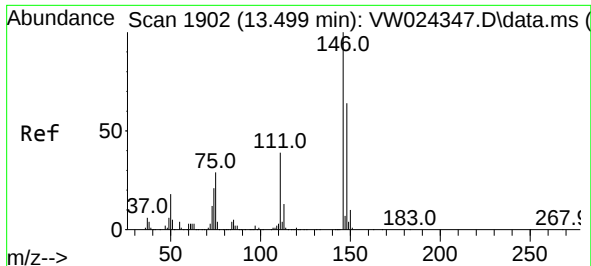
Tgt Ion:105 Resp: 2453907

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.2

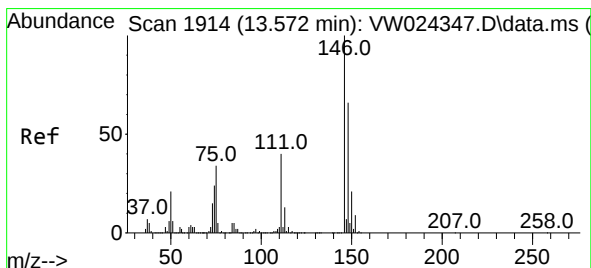
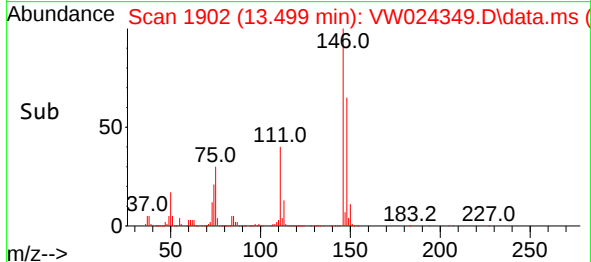
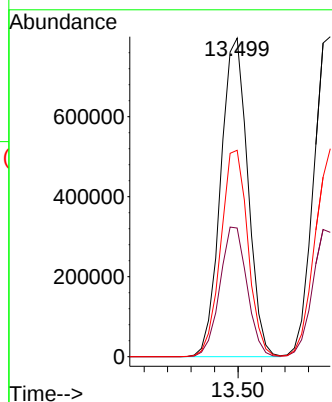
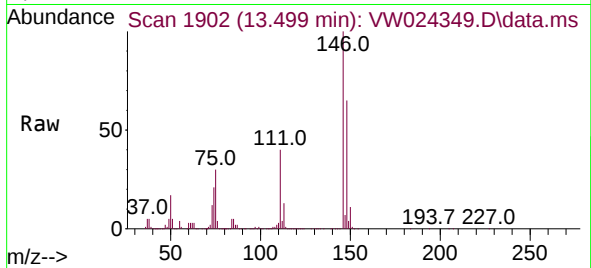




#64
1,3-Dichlorobenzene
Concen: 96.731 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

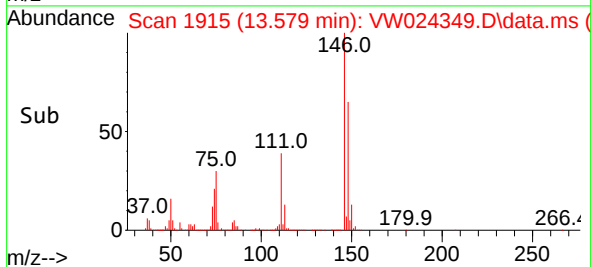
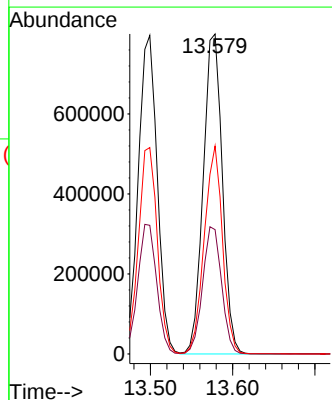
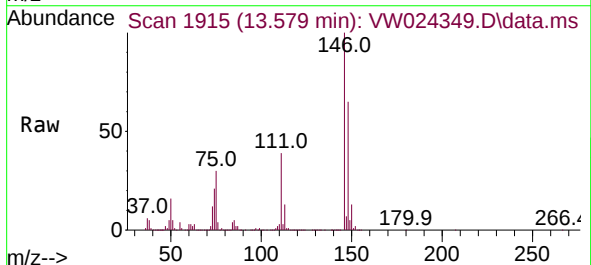
Instrument :
MSVOA_W
ClientSampleId :

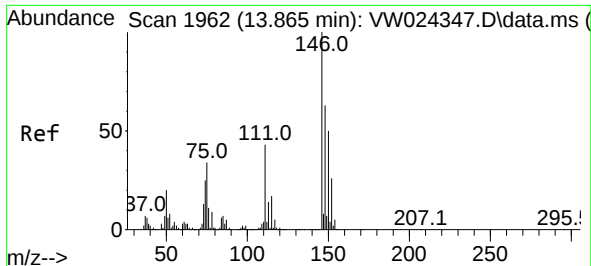
Tgt Ion:146 Resp: 1278733
Ion Ratio Lower Upper
146 100
111 40.4 27.0 50.2
148 64.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 92.434 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion:146 Resp: 1290073
Ion Ratio Lower Upper
146 100
111 38.9 27.7 51.5
148 65.0 46.5 86.5





#67

1,2-Dichlorobenzene

Concen: 98.448 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

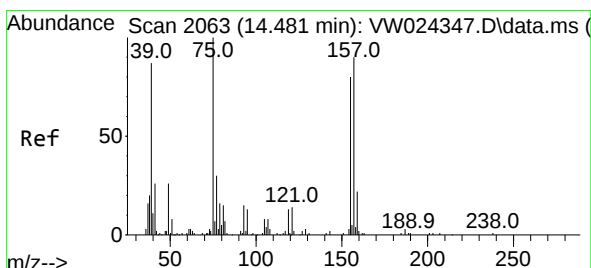
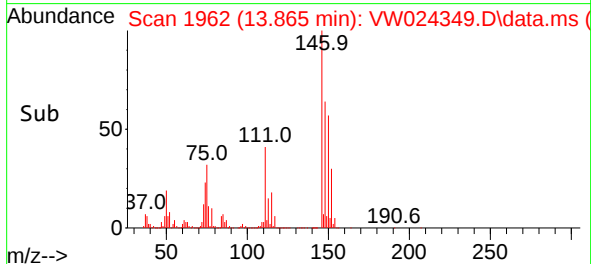
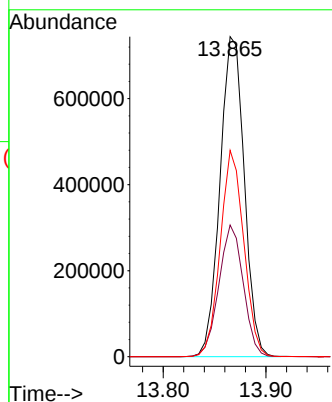
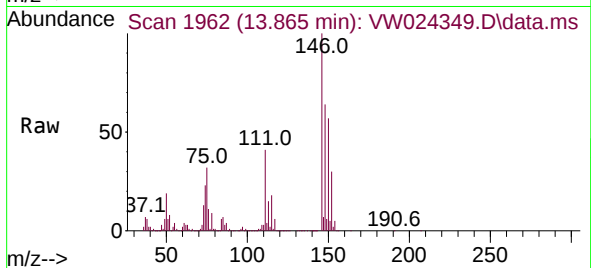
Tgt Ion:146 Resp: 1219934

Ion Ratio Lower Upper

146 100

111 41.2 34.5 51.7

148 64.4 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 88.524 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024349.D

Acq: 26 Aug 2022 12:54

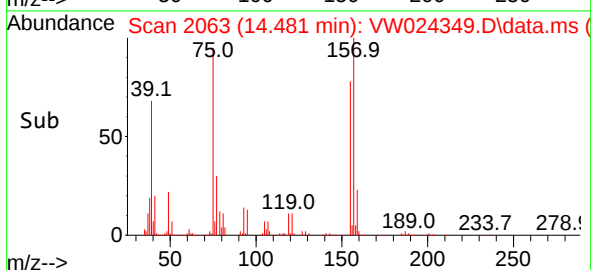
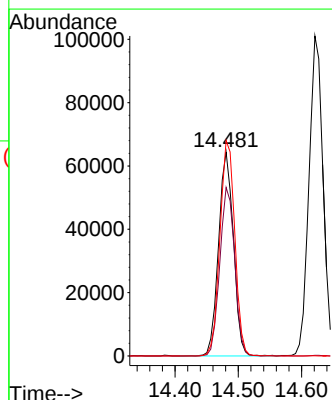
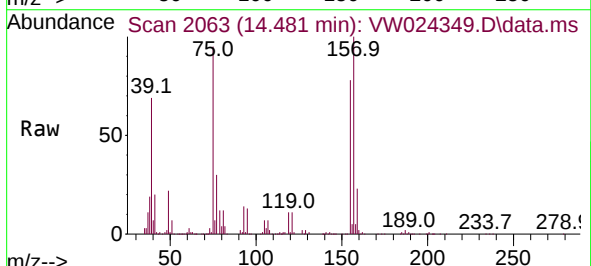
Tgt Ion: 75 Resp: 104700

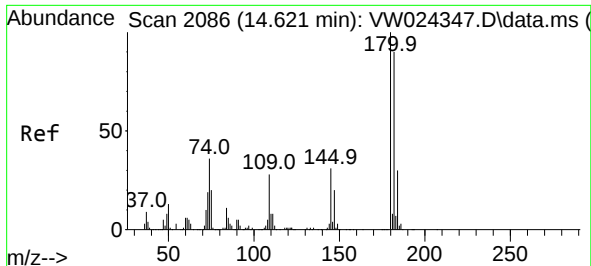
Ion Ratio Lower Upper

75 100

155 82.7 63.9 95.9

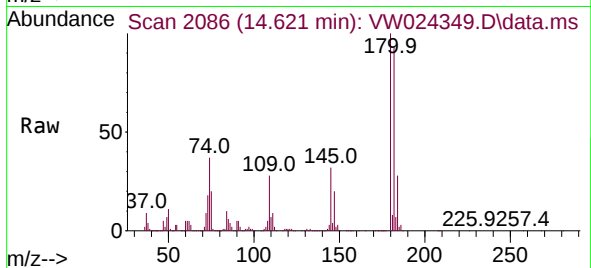
157 105.6 72.2 108.4



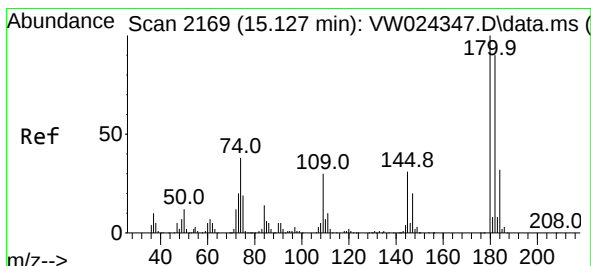
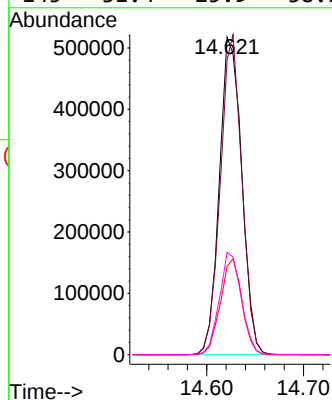
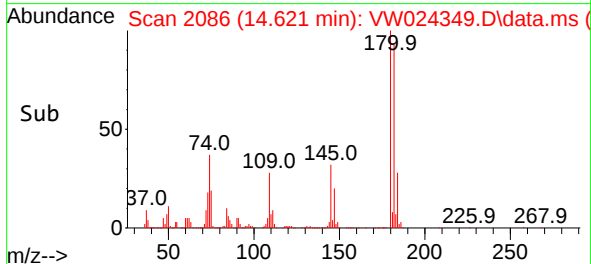


#69
 1,3,5-Trichlorobenzene
 Concen: 97.123 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW024349.D
 Acq: 26 Aug 2022 12:54

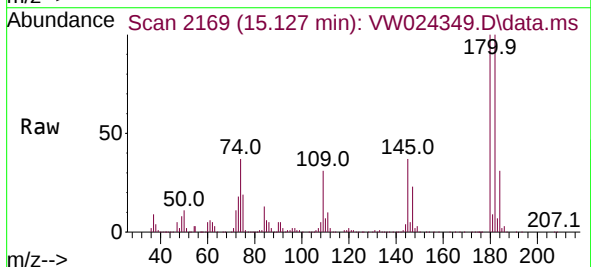
Instrument :
 MSVOA_W
 ClientSampleId :



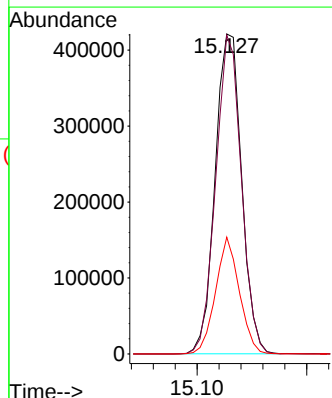
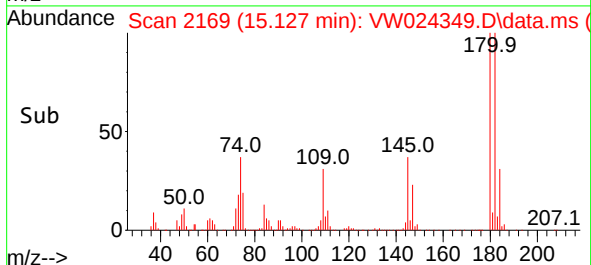
Tgt Ion:180 Resp: 828689
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.6 114.8
 184 29.5 24.5 36.7
 145 31.4 25.9 38.9

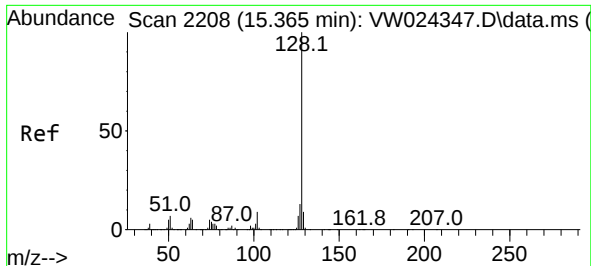


#70
 1,2,4-trichlorobenzene
 Concen: 106.534 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024349.D
 Acq: 26 Aug 2022 12:54



Tgt Ion:180 Resp: 706616
 Ion Ratio Lower Upper
 180 100
 182 96.3 72.6 109.0
 145 32.8 26.2 39.2

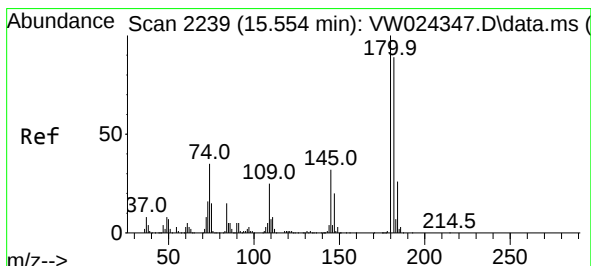
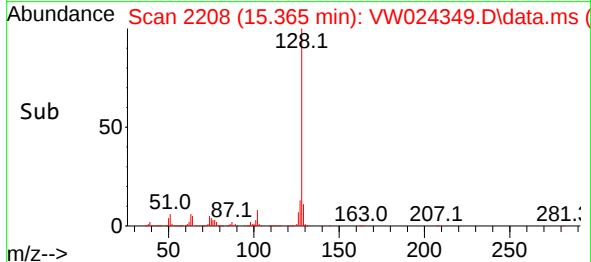
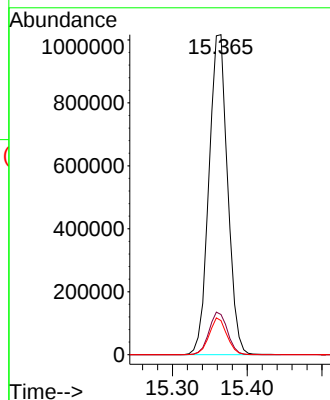
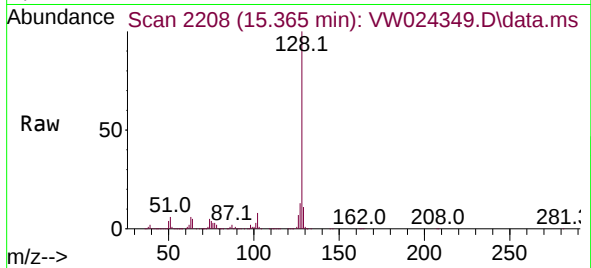




#71
Naphthalene
Concen: 121.173 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 1765126
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 105.809 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW024349.D
Acq: 26 Aug 2022 12:54

Tgt Ion:180 Resp: 663287
Ion Ratio Lower Upper
180 100
182 93.7 74.6 111.8
145 32.8 26.6 40.0

