

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024351.D
 Acq On : 26 Aug 2022 14:12
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 00:27:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 27 00:19:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	316181	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	319153	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	184030	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	190523	21.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
7) Chloroethane-d5	2.867	69	142536	21.827	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.007	63	156716	20.732	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.920%
21) 2-Butanone-d5	6.860	46	364	0.227	ug/L	-0.22
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.460%#
24) Chloroform-d	7.647	84	241120	23.721	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.880%
26) 1,2-Dichloroethane-d4	8.305	65	146324	23.737	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.960%
32) Benzene-d6	8.269	84	457070	24.996	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	9.275	67	142467	25.052	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.200%
41) Toluene-d8	10.323	98	432389	24.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.480%
43) trans-1,3-Dichloroprop...	10.579	79	65069	24.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.800%
47) 2-Hexanone-d5	10.927	63	70434	55.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.700%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	163772	25.436	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	172281	24.860	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	92200	29.114	ug/L	99
3) Chloromethane	2.209	50	134755	22.775	ug/L	98
5) Vinyl chloride	2.349	62	226809	21.929	ug/L	100
6) Bromomethane	2.757	94	146822	20.224	ug/L	99
8) Chloroethane	2.910	64	117421	21.732	ug/L	98
9) Trichlorofluoromethane	3.239	101	84228	17.318	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	92774	19.887	ug/L	99
12) 1,1-Dichloroethene	4.032	96	78585	20.808	ug/L	91
13) Acetone	4.117	43	38602	40.293	ug/L	97
14) Carbon disulfide	4.373	76	256679	20.450	ug/L	99
15) Methyl Acetate	4.666	43	53264	22.727	ug/L	97
16) Methylene chloride	4.903	84	104303	19.669	ug/L	93
17) trans-1,2-Dichloroethene	5.415	96	107432	24.032	ug/L	94
18) Methyl tert-butyl Ether	5.422	73	183742	25.103	ug/L	97
19) 1,1-Dichloroethane	6.208	63	196730	23.273	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	118447	24.095	ug/L	100
22) 2-Butanone	7.171	43	82704	48.386	ug/L	100
23) Bromochloromethane	7.507	128	57305	23.873	ug/L	94
25) Chloroform	7.671	83	221213	23.587	ug/L	95

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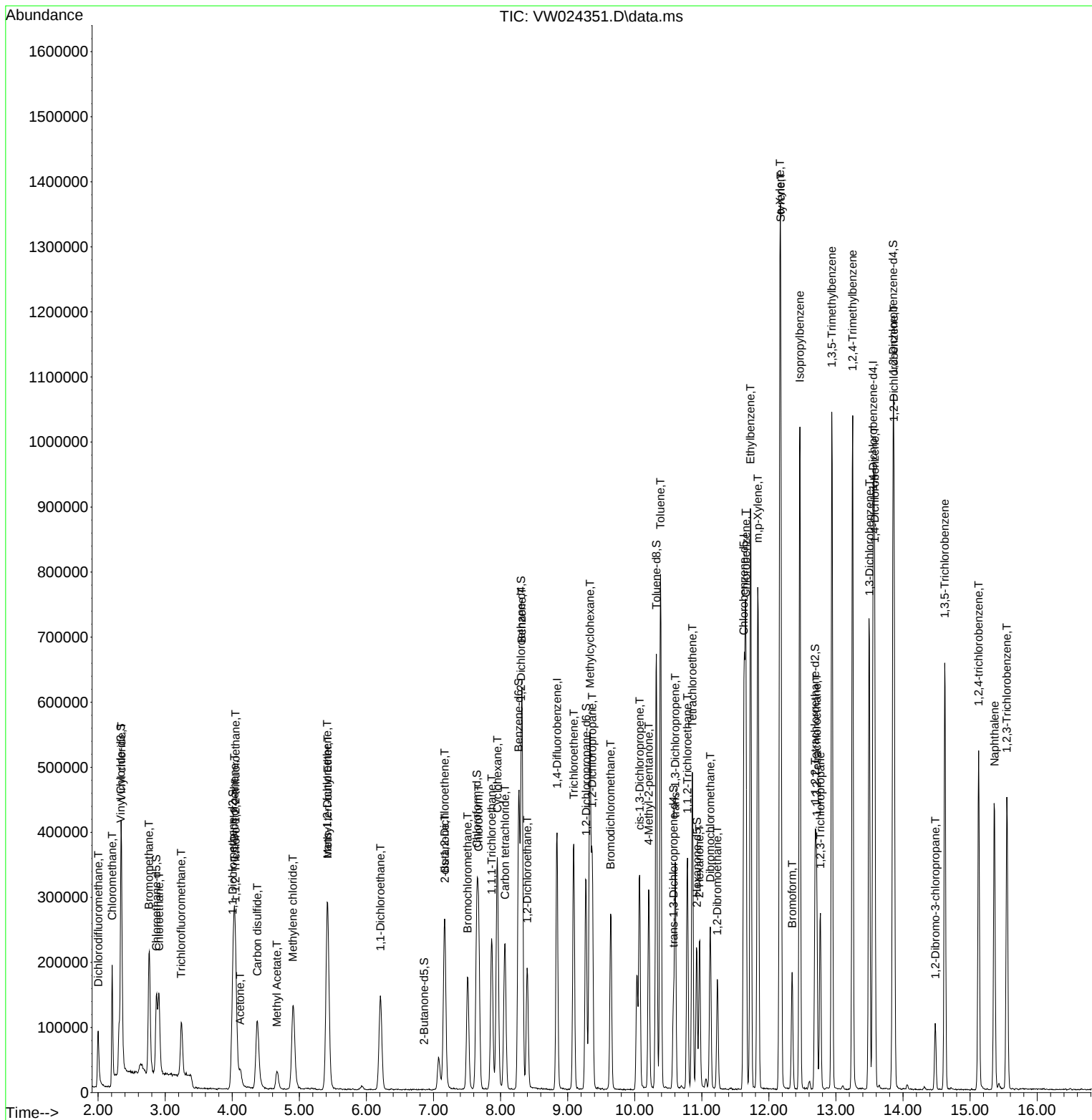
Instrument :
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 ClientSampleId :

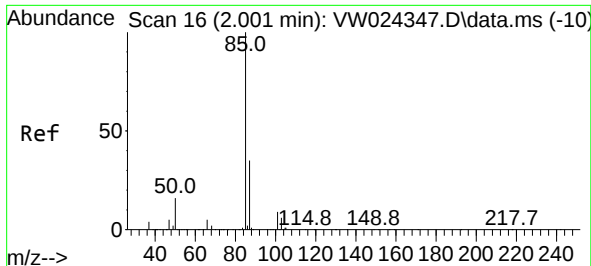
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 Quant Title : SFAM01.0
 QLast Update : Sat Aug 27 00:19:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	164518	24.099	ug/L	98
29) Cyclohexane	7.952	56	177492	25.796	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	179225	23.819	ug/L	98
31) Carbon tetrachloride	8.067	117	160471	23.312	ug/L	98
33) Benzene	8.317	78	499393	25.132	ug/L	100
34) Trichloroethene	9.092	95	125176	23.902	ug/L	97
35) Methylcyclohexane	9.336	83	215844	25.688	ug/L	99
37) 1,2-Dichloropropane	9.366	63	125761	24.524	ug/L	99
38) Bromodichloromethane	9.640	83	170824	24.462	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	184418	25.727	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	193583	53.088	ug/L	98
42) Toluene	10.384	91	557755	25.435	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	177499	25.483	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	103918	24.851	ug/L	96
46) Tetrachloroethene	10.860	164	95404	23.456	ug/L	91
48) 2-Hexanone	10.963	43	142775	53.083	ug/L	96
49) Dibromochloromethane	11.128	129	123037	24.876	ug/L	100
50) 1,2-Dibromoethane	11.232	107	103671	25.787	ug/L	92
51) Chlorobenzene	11.658	112	365286	24.818	ug/L	98
52) Ethylbenzene	11.725	91	607064	25.039	ug/L	98
53) m,p-Xylene	11.835	106	246287	25.867	ug/L	96
54) o-Xylene	12.164	106	233188	26.199	ug/L	98
55) Styrene	12.176	104	420459	26.724	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	146201	25.048	ug/L	99
59) Bromoform	12.347	173	72598	24.582	ug/L	98
60) Isopropylbenzene	12.463	105	628958	25.732	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	105329	25.309	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	520729	26.421	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	521897	27.262	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	283661	24.273	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	293839	23.816	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	269494	24.601	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	24887	23.802	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	178775	23.701	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	147955	25.233	ug/L	97
71) Naphthalene	15.365	128	359978	27.954	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	133253	24.045	ug/L	97

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

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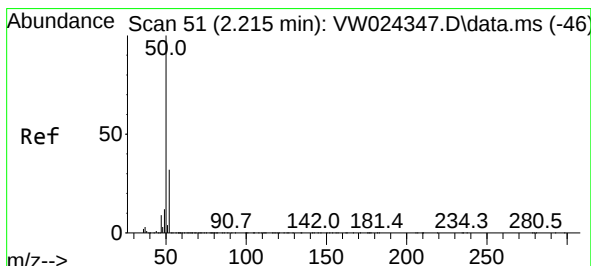
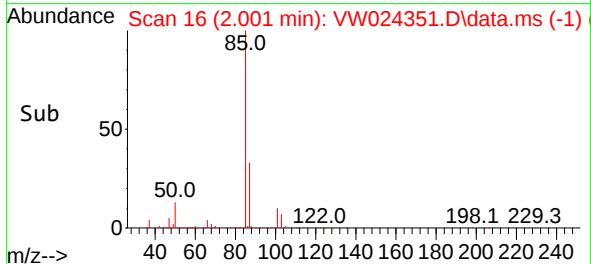
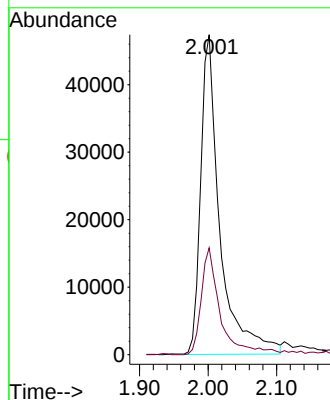
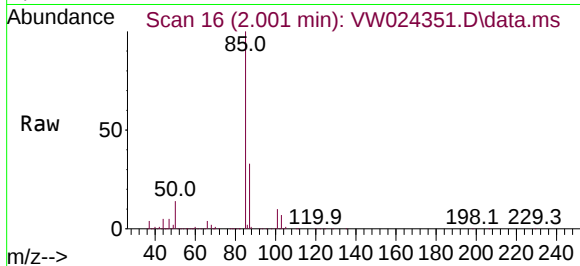




#2
Dichlorodifluoromethane
Concen: 29.114 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

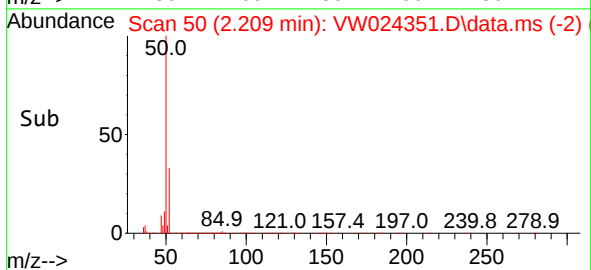
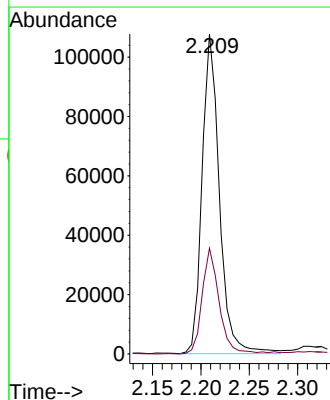
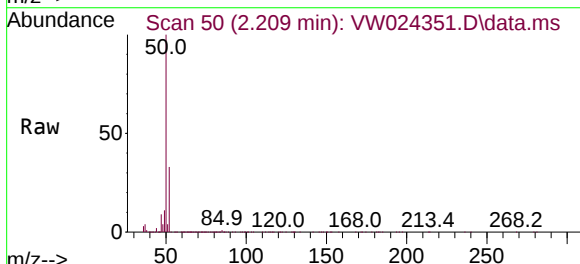
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MSVOA_W
ClientSampleId :

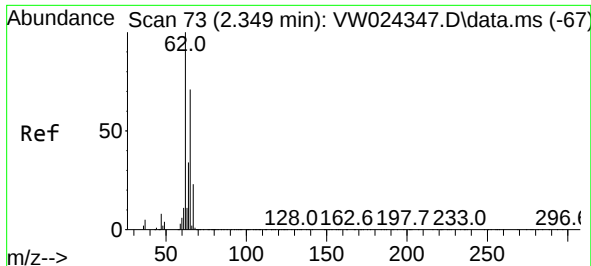
Tgt Ion: 85 Resp: 92200
Ion Ratio Lower Upper
85 100
87 31.4 24.7 37.1



#3
Chloromethane
Concen: 22.775 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Tgt Ion: 50 Resp: 134755
Ion Ratio Lower Upper
50 100
52 33.1 22.3 41.5

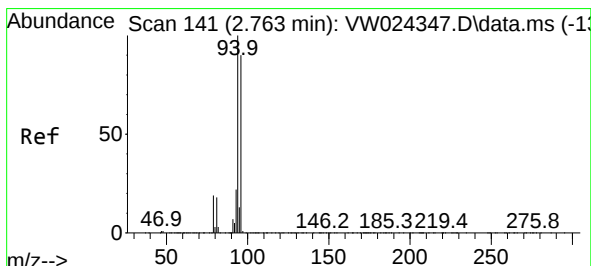
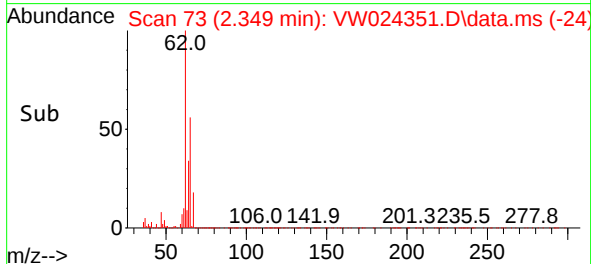
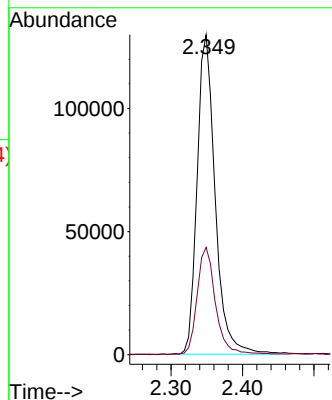
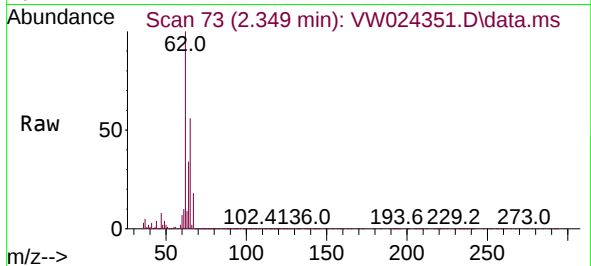




#5
 Vinyl chloride
 Concen: 21.929 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024351.D
 Acq: 26 Aug 2022 14:12

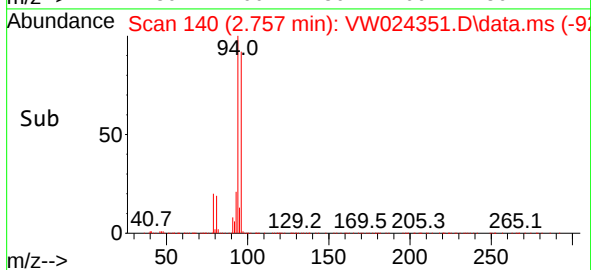
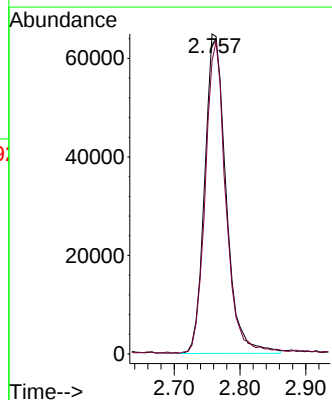
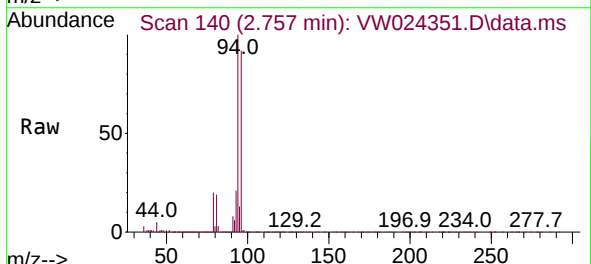
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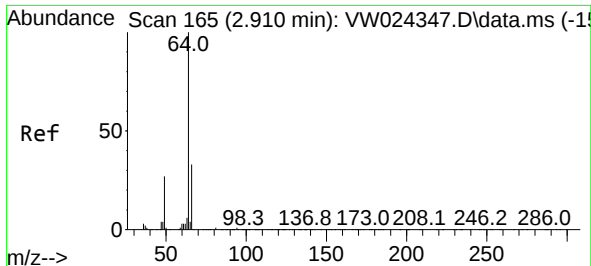
Tgt Ion: 62 Resp: 226809
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.6 43.8



#6
 Bromomethane
 Concen: 20.224 ug/L
 RT: 2.757 min Scan# 140
 Delta R.T. -0.006 min
 Lab File: VW024351.D
 Acq: 26 Aug 2022 14:12

Tgt Ion: 94 Resp: 146822
 Ion Ratio Lower Upper
 94 100
 96 91.6 63.6 118.0

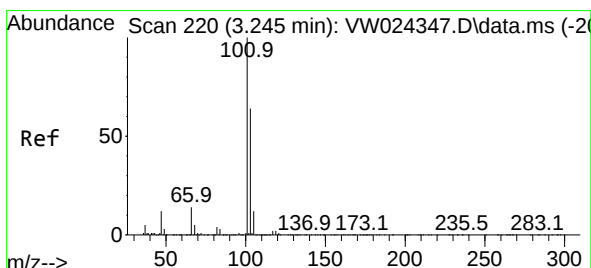
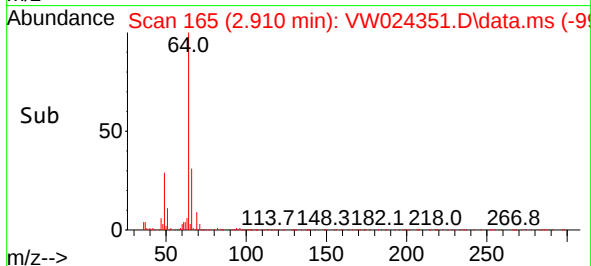
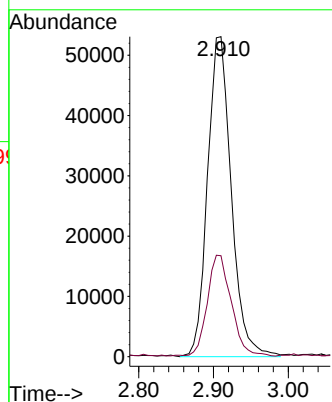
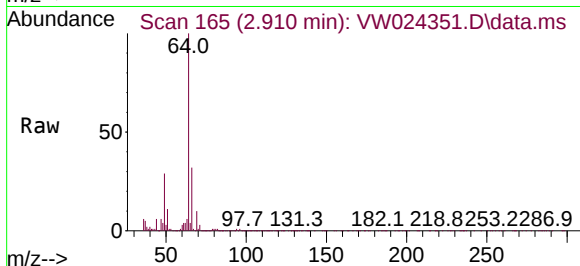




#8
Chloroethane
Concen: 21.732 ug/L
RT: 2.910 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

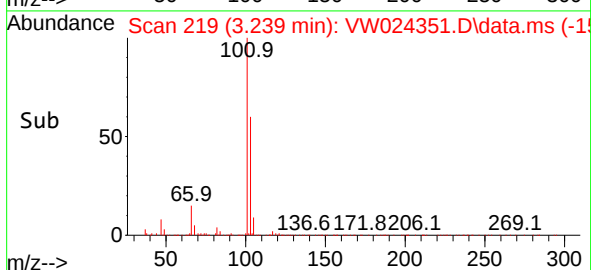
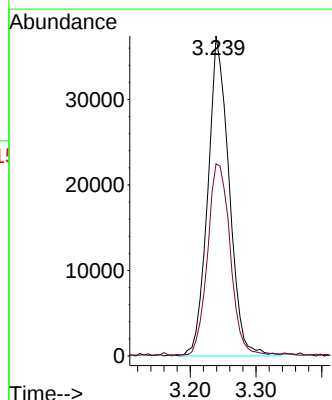
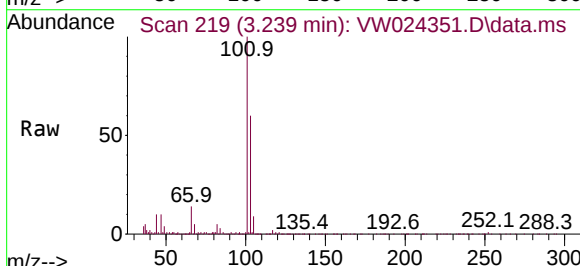
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ClientSampleId :

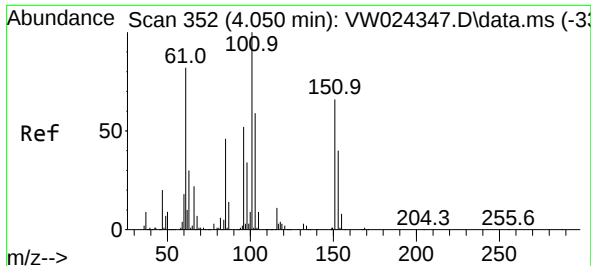
Tgt Ion: 64 Resp: 117421
Ion Ratio Lower Upper
64 100
66 31.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 17.318 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Tgt Ion: 101 Resp: 84228
Ion Ratio Lower Upper
101 100
103 64.3 50.4 75.6

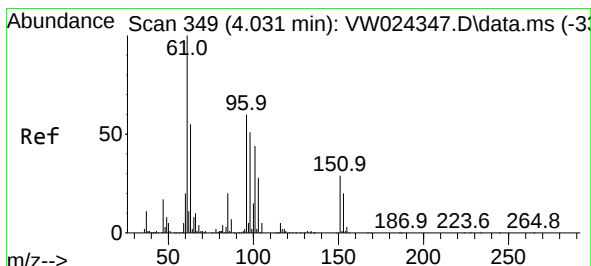
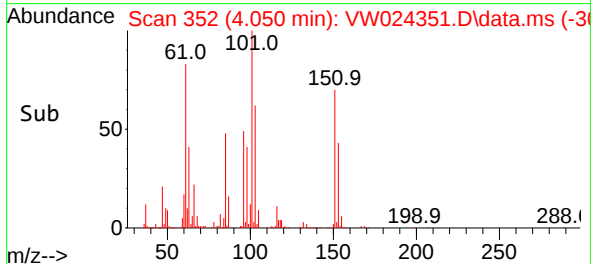
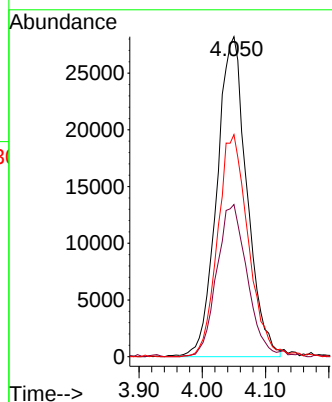
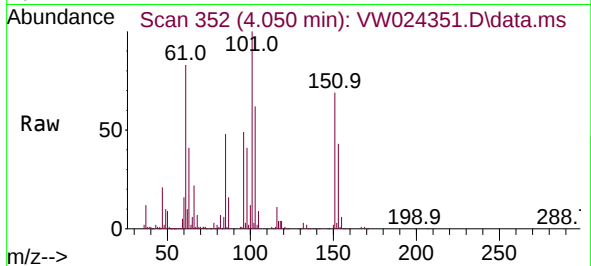




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.887 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024351.D
 Acq: 26 Aug 2022 14:12

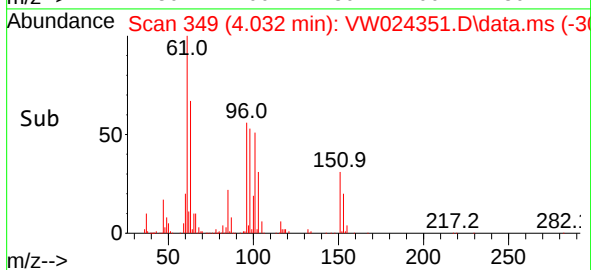
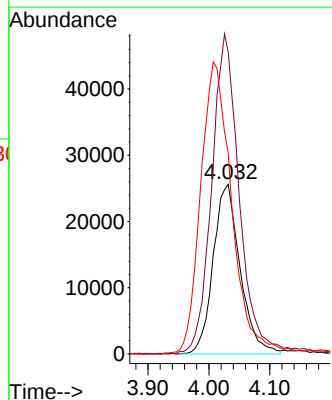
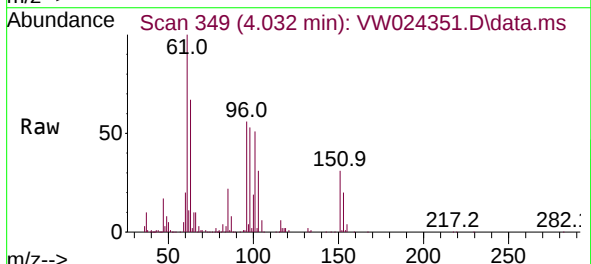
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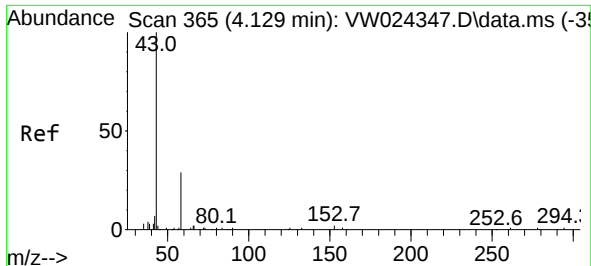
Tgt Ion:101 Resp: 92774
 Ion Ratio Lower Upper
 101 100
 85 47.9 39.1 58.7
 151 70.8 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 20.808 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024351.D
 Acq: 26 Aug 2022 14:12

Tgt Ion: 96 Resp: 78585
 Ion Ratio Lower Upper
 96 100
 61 178.1 118.8 220.6
 63 118.7 72.8 135.2

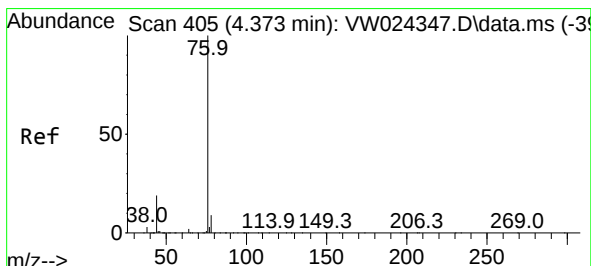
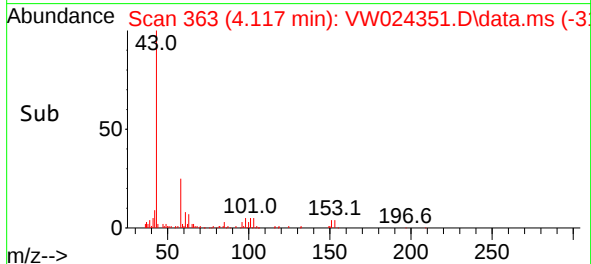
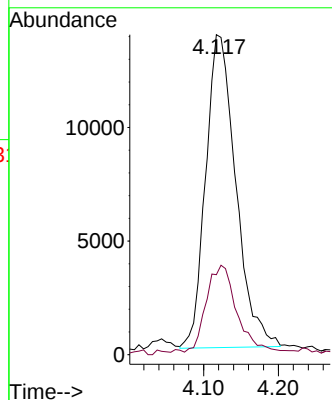
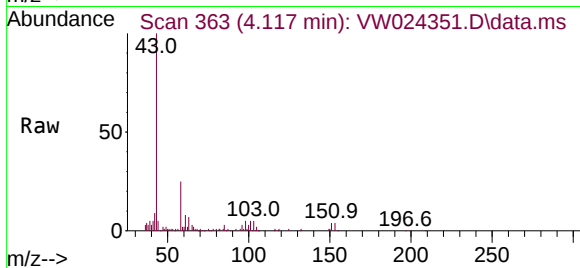




#13
Acetone
Concen: 40.293 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

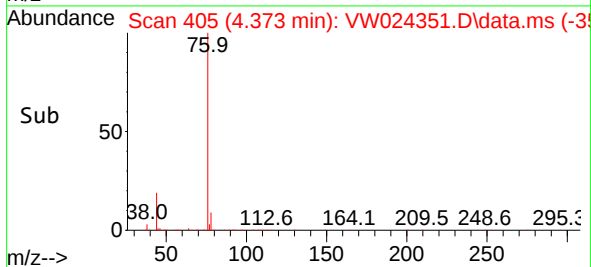
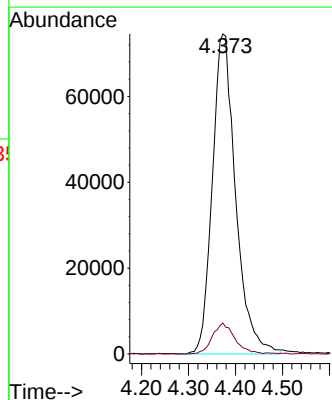
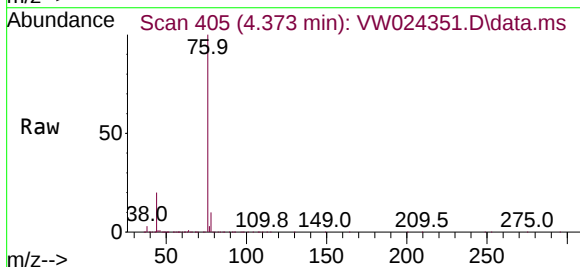
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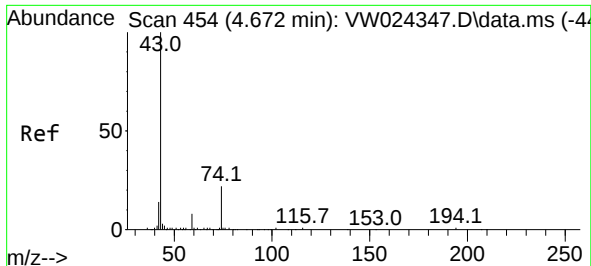
Tgt Ion: 43 Resp: 38602
Ion Ratio Lower Upper
43 100
58 27.8 0.0 58.4



#14
Carbon disulfide
Concen: 20.450 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Tgt Ion: 76 Resp: 256679
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

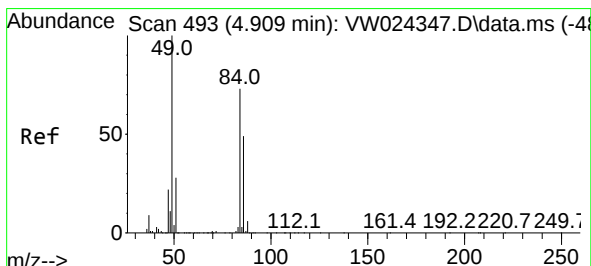
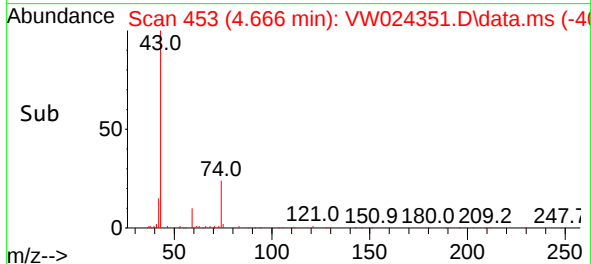
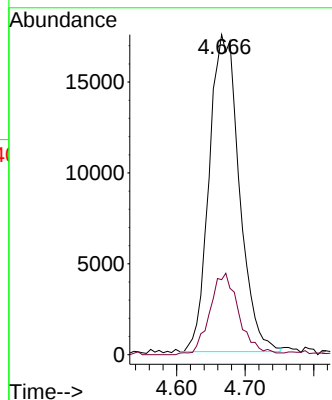
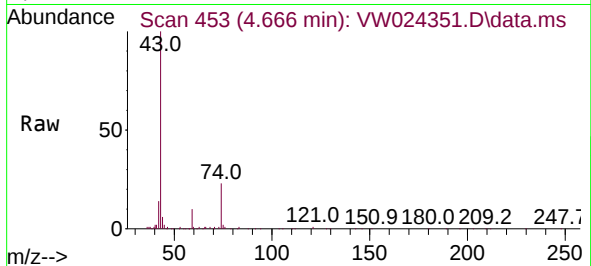




#15
Methyl Acetate
Concen: 22.727 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

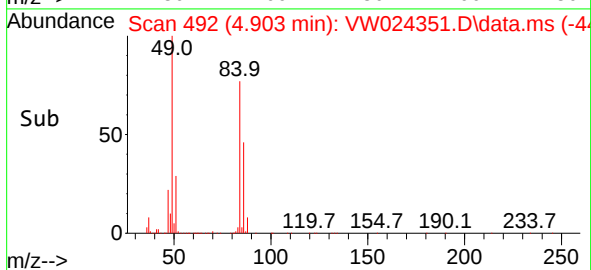
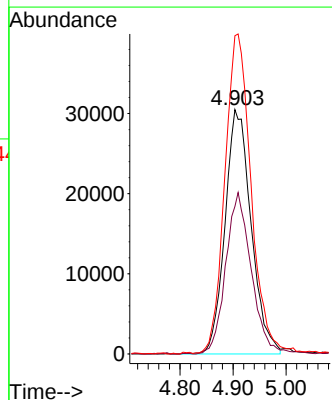
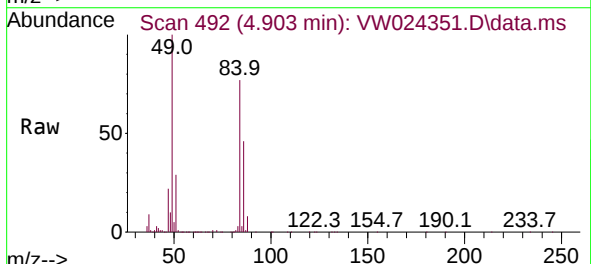
Instrument :
MSVOA_W
ClientSampleId :

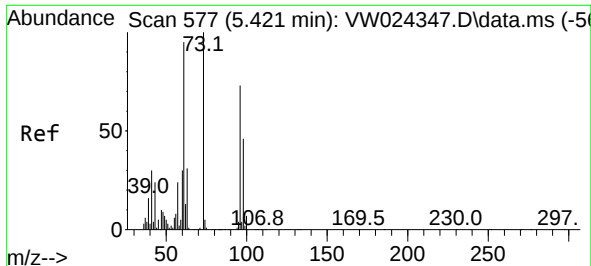
Tgt Ion: 43 Resp: 53264
Ion Ratio Lower Upper
43 100
74 24.1 17.9 26.9



#16
Methylene chloride
Concen: 19.669 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Tgt Ion: 84 Resp: 104303
Ion Ratio Lower Upper
84 100
86 60.4 47.7 88.7
49 130.3 96.6 179.4

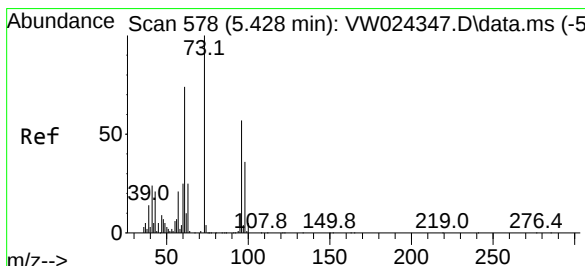
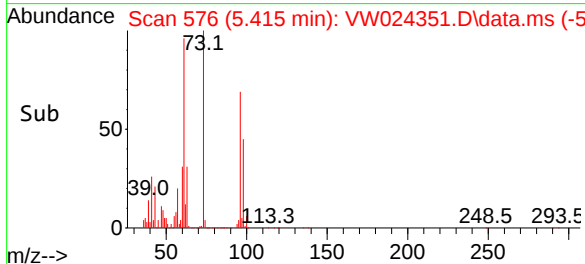
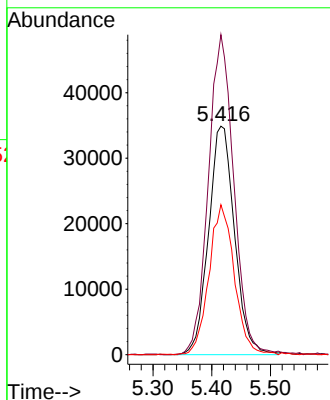
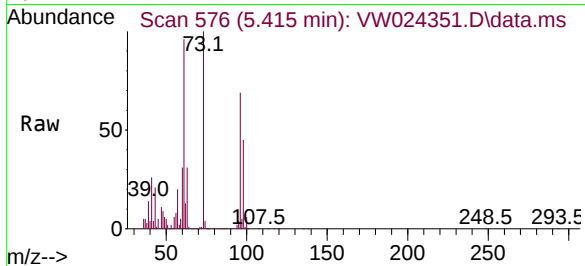




#17
trans-1,2-Dichloroethene
Concen: 24.032 ug/L
RT: 5.415 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

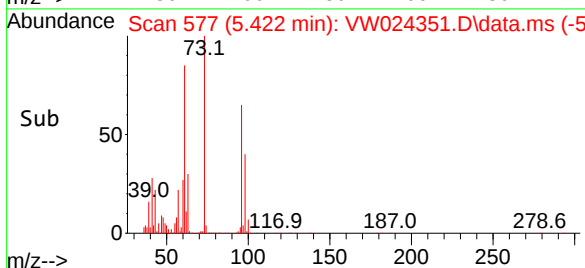
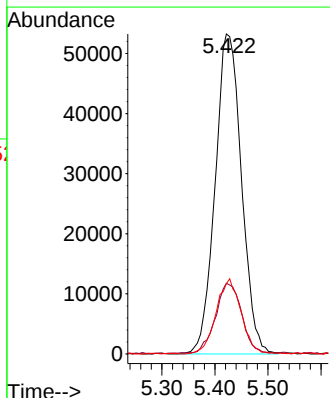
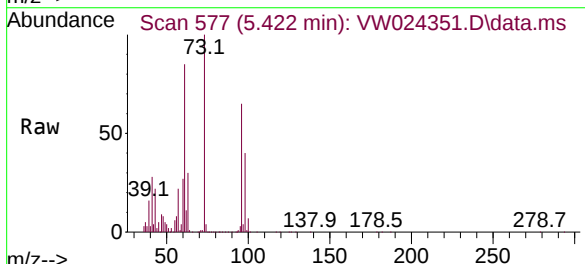
Instrument :
MSVOA_W
ClientSampleId :

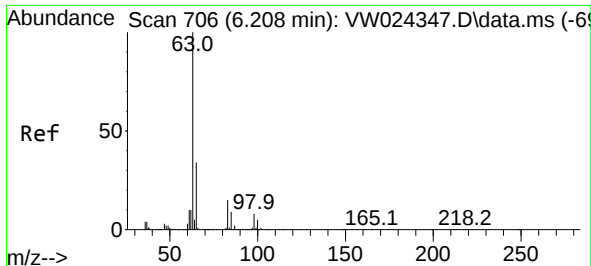
Tgt Ion: 96 Resp: 107432
Ion Ratio Lower Upper
96 100
61 140.1 92.1 171.1
98 65.7 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 25.103 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Tgt Ion: 73 Resp: 183742
Ion Ratio Lower Upper
73 100
43 21.4 18.8 28.2
57 22.3 18.1 27.1





#19

1,1-Dichloroethane

Concen: 23.273 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Instrument :

MSVOA_W

ClientSampleId :

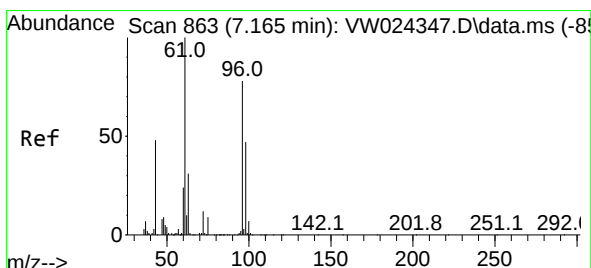
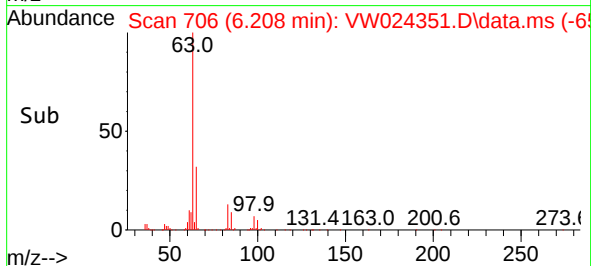
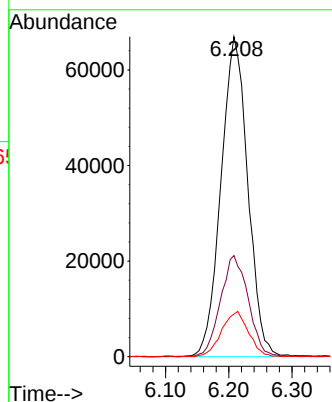
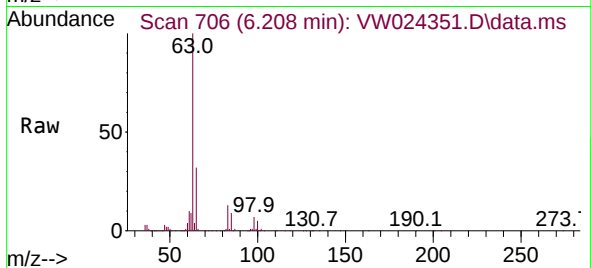
Tgt Ion: 63 Resp: 196730

Ion Ratio Lower Upper

63 100

65 31.6 23.6 43.8

83 13.3 10.4 19.4



#20

cis-1,2-Dichloroethene

Concen: 24.095 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

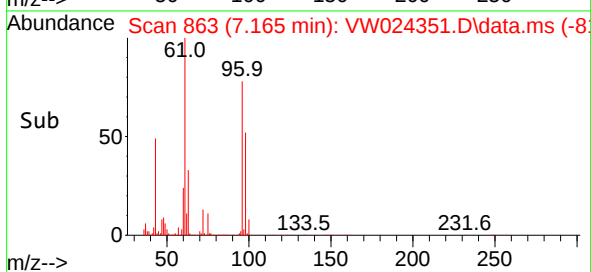
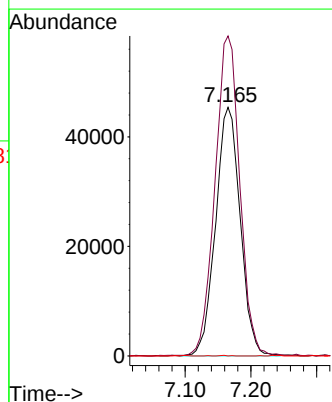
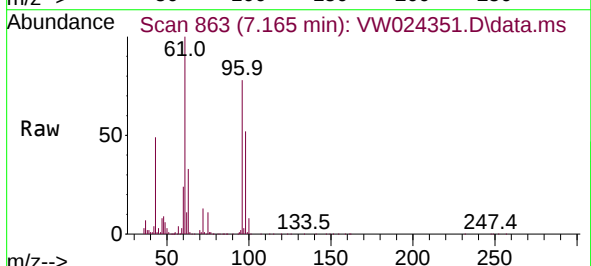
Tgt Ion: 96 Resp: 118447

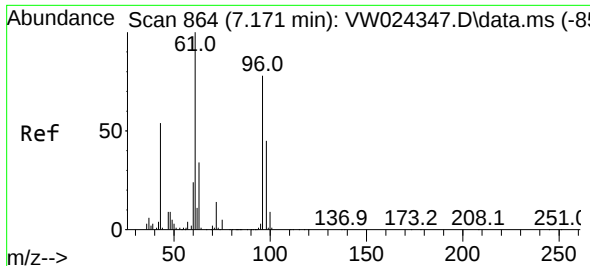
Ion Ratio Lower Upper

96 100

61 128.7 90.2 167.6

68 0.0 0.0 0.0

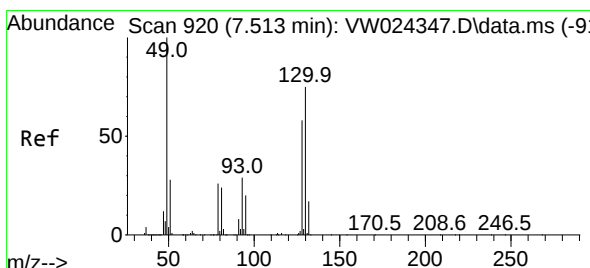
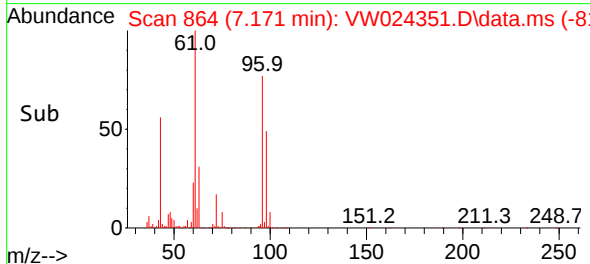
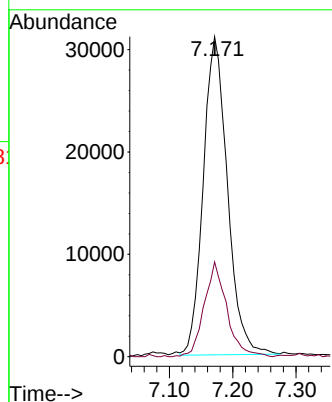
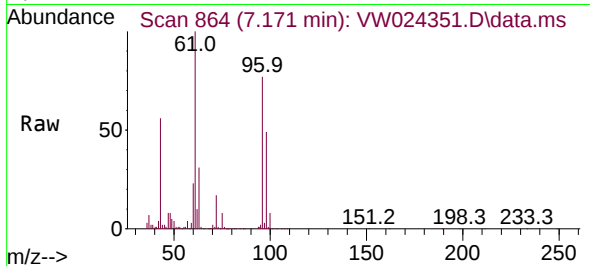




#22
2-Butanone
Concen: 48.386 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

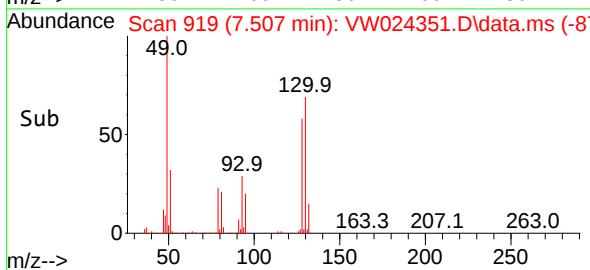
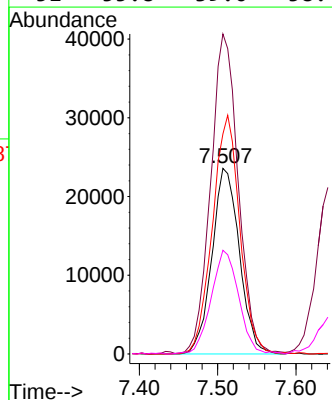
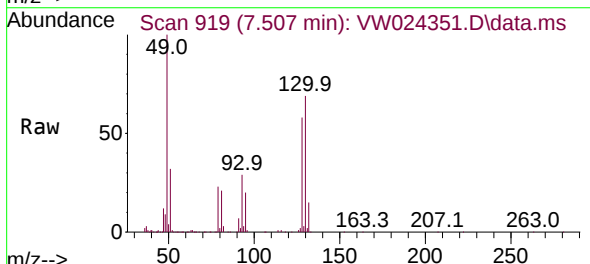
Instrument :
MSVOA_W
ClientSampleId :

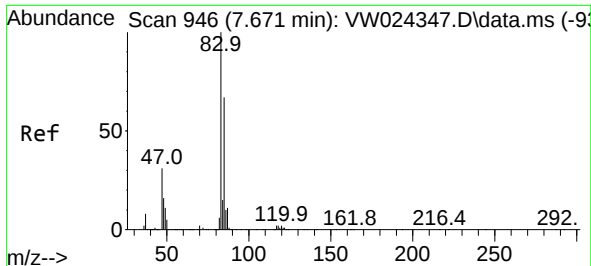
Tgt Ion: 43 Resp: 82704
Ion Ratio Lower Upper
43 100
72 27.8 13.9 41.6



#23
Bromochloromethane
Concen: 23.873 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Tgt Ion:128 Resp: 57305
Ion Ratio Lower Upper
128 100
49 172.4 122.1 226.7
130 118.6 91.1 169.1
51 55.8 39.0 58.4





#25

Chloroform

Concen: 23.587 ug/L

RT: 7.671 min Scan# 946

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Instrument :

MSVOA_W

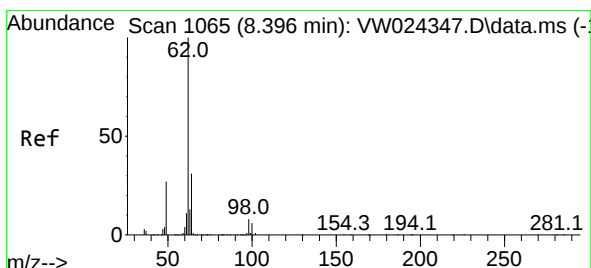
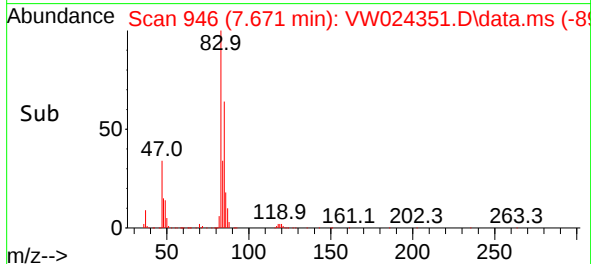
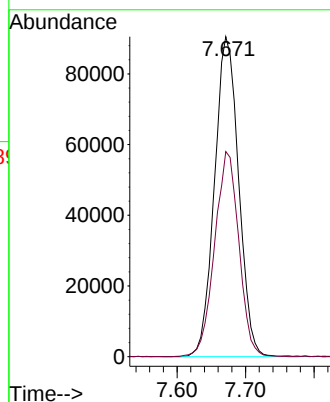
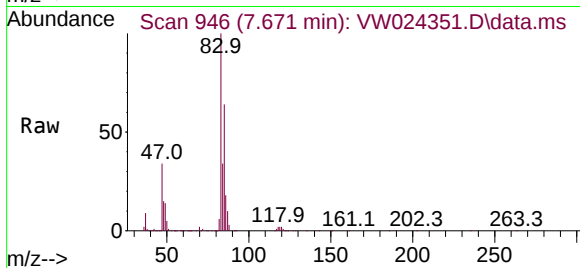
ClientSampleId :

Tgt Ion: 83 Resp: 221213

Ion Ratio Lower Upper

83 100

85 64.1 47.5 88.1



#27

1,2-Dichloroethane

Concen: 24.099 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024351.D

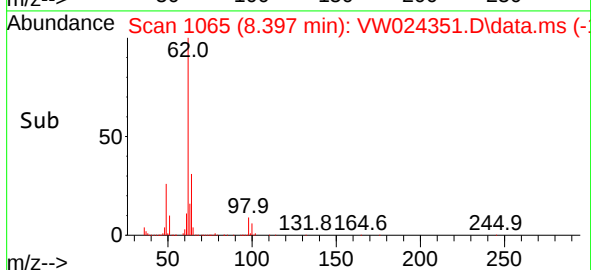
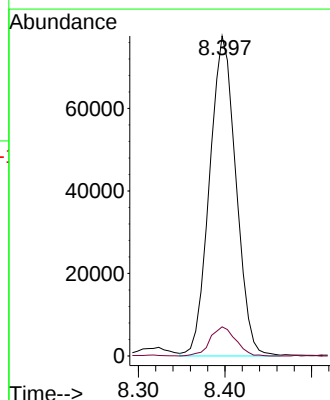
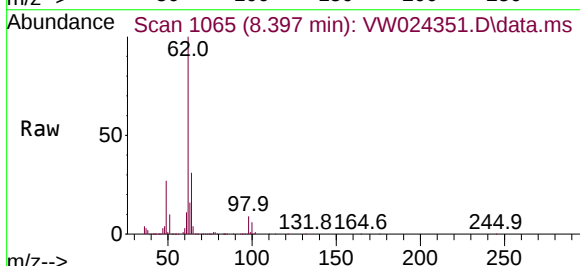
Acq: 26 Aug 2022 14:12

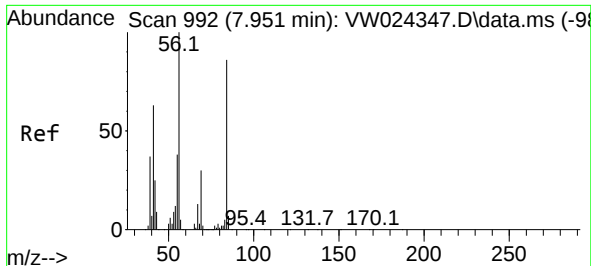
Tgt Ion: 62 Resp: 164518

Ion Ratio Lower Upper

62 100

98 9.1 6.7 10.1





#29

Cyclohexane

Concen: 25.796 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Instrument :

MSVOA_W

ClientSampleId :

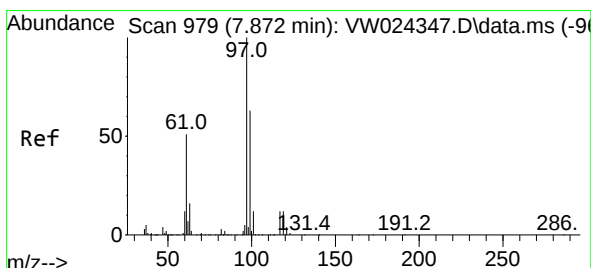
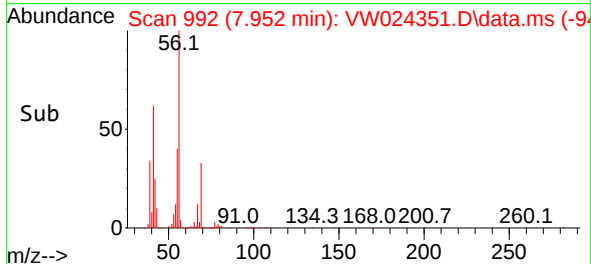
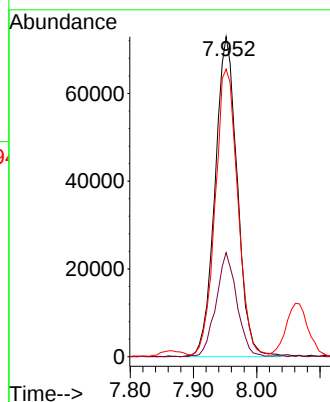
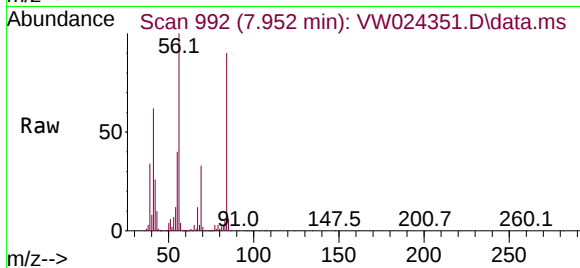
Tgt Ion: 56 Resp: 177492

Ion Ratio Lower Upper

56 100

69 30.4 23.5 35.3

84 91.3 72.2 108.4



#30

1,1,1-Trichloroethane

Concen: 23.819 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

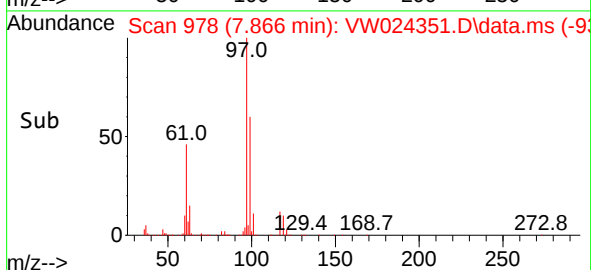
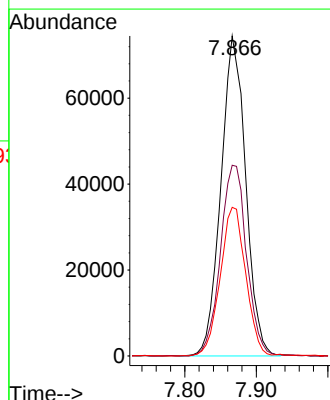
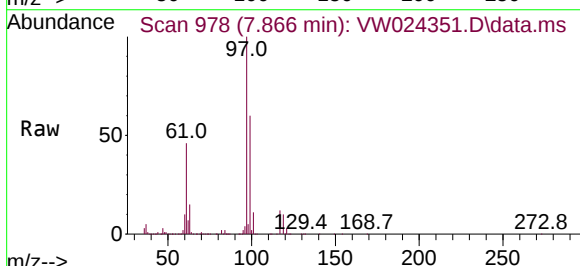
Tgt Ion: 97 Resp: 179225

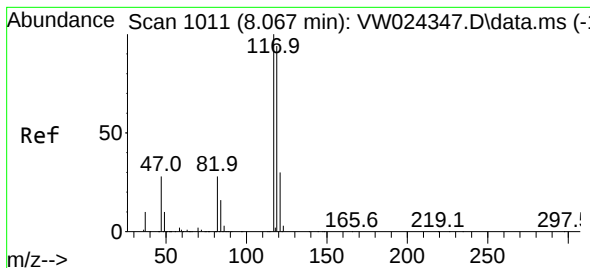
Ion Ratio Lower Upper

97 100

99 63.0 50.2 75.2

61 47.8 40.2 60.4

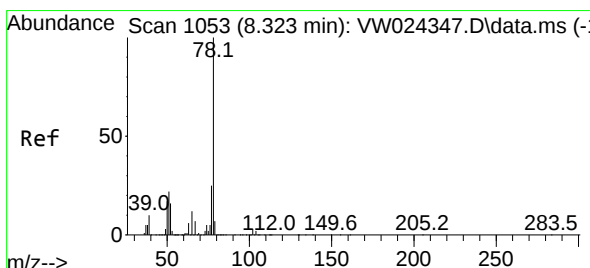
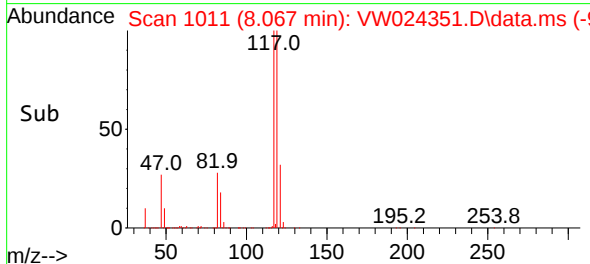
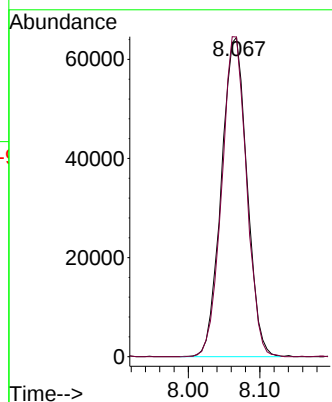
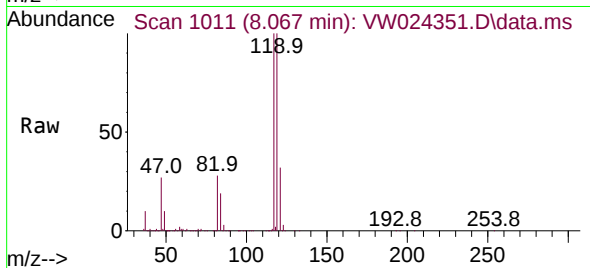




#31
Carbon tetrachloride
Concen: 23.312 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

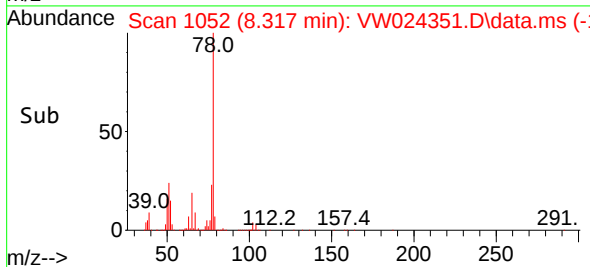
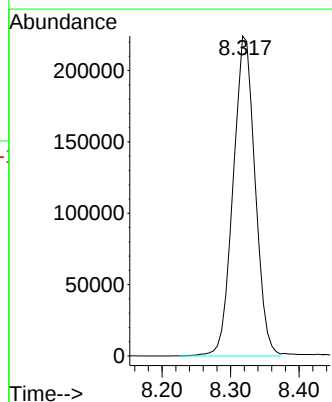
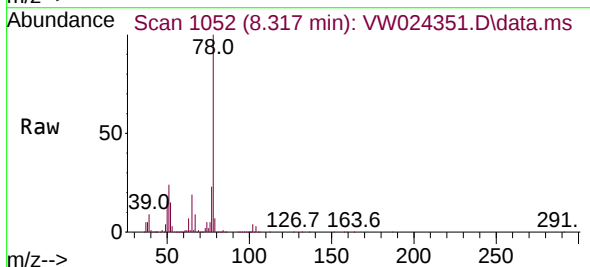
Instrument :
MSVOA_W
ClientSampleId :

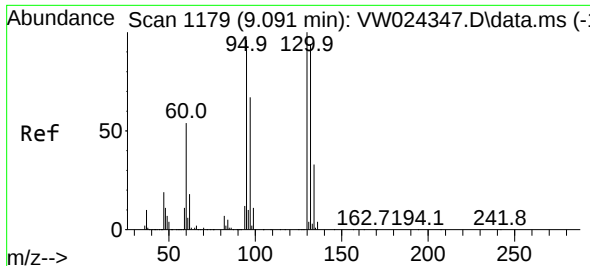
Tgt Ion:117 Resp: 160471
Ion Ratio Lower Upper
117 100
119 96.6 75.9 113.9



#33
Benzene
Concen: 25.132 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

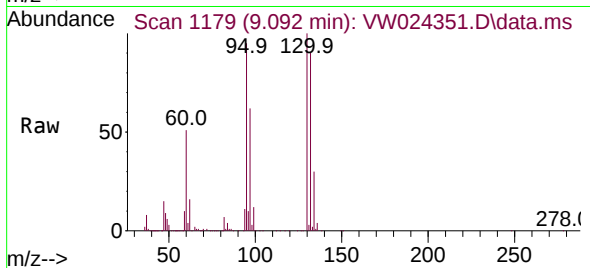
Tgt Ion: 78 Resp: 499393





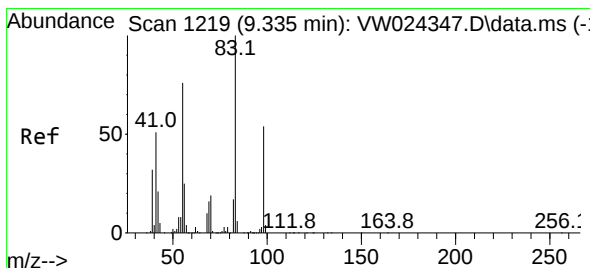
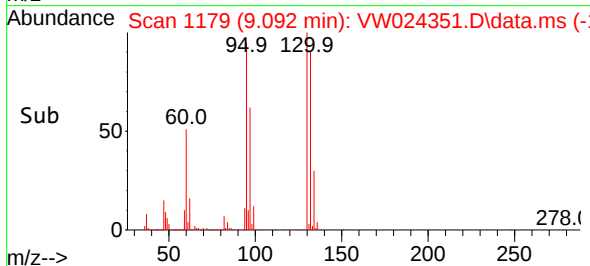
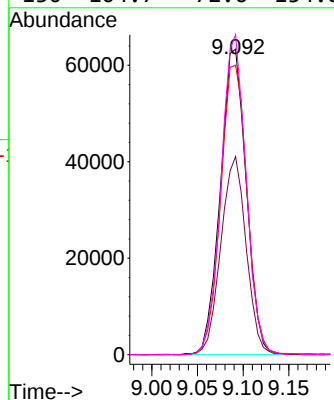
#34
 Trichloroethene
 Concen: 23.902 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW024351.D
 Acq: 26 Aug 2022 14:12

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 95 Resp: 125176

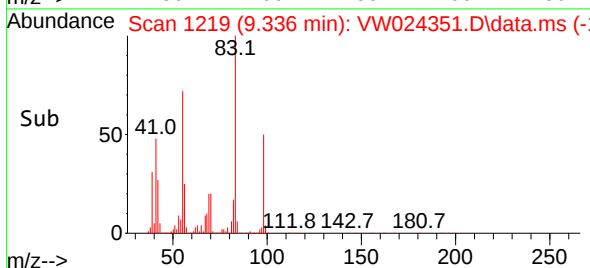
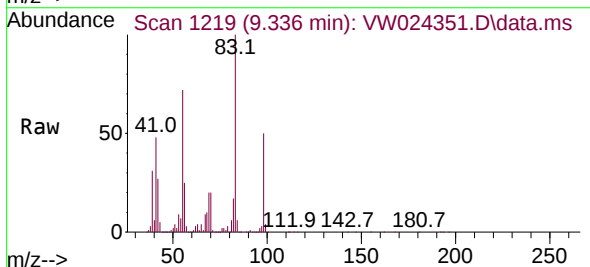
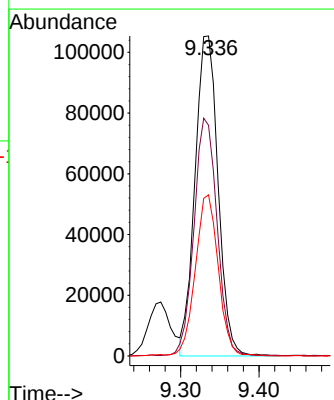
Ion	Ratio	Lower	Upper
95	100		
97	64.9	48.4	89.8
132	94.8	68.6	127.4
130	104.7	72.6	134.8

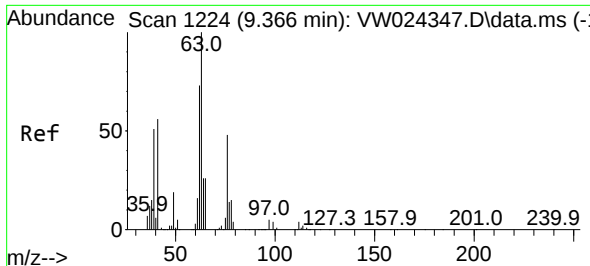


#35
 Methylcyclohexane
 Concen: 25.688 ug/L
 RT: 9.336 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VW024351.D
 Acq: 26 Aug 2022 14:12

Tgt Ion: 83 Resp: 215844

Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.1	90.1
98	50.0	40.5	60.7





#37

1,2-Dichloropropane

Concen: 24.524 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Instrument :

MSVOA_W

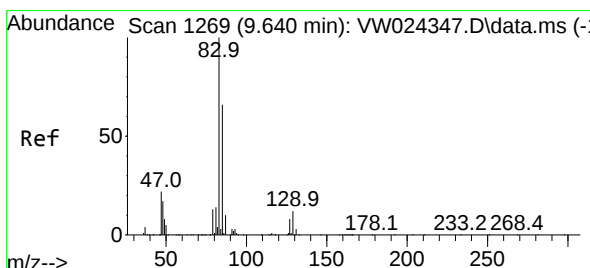
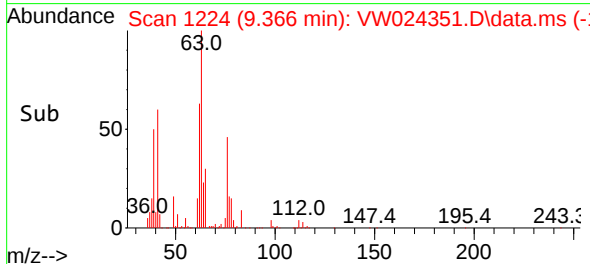
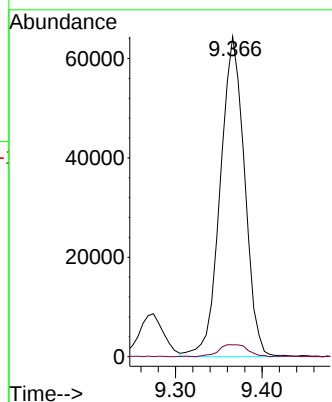
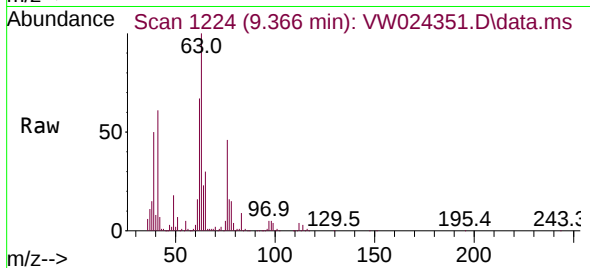
ClientSampleId :

Tgt Ion: 63 Resp: 125761

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.0



#38

Bromodichloromethane

Concen: 24.462 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

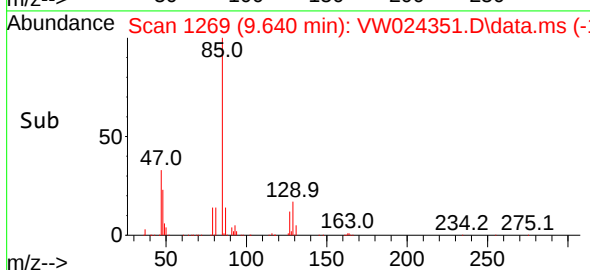
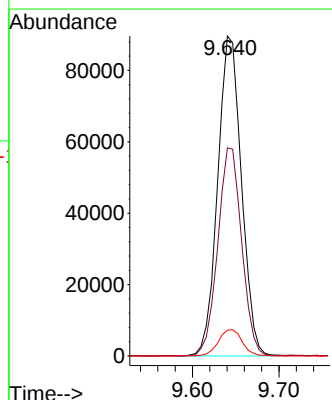
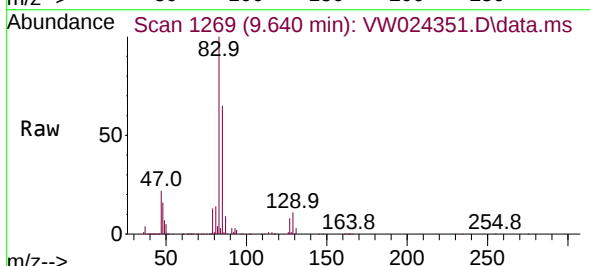
Tgt Ion: 83 Resp: 170824

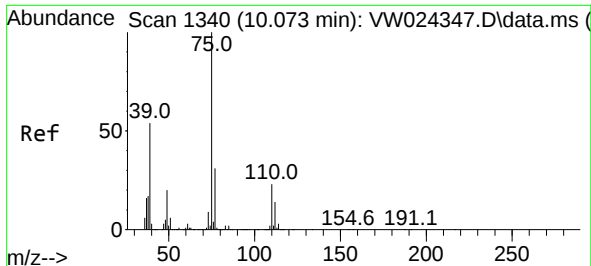
Ion Ratio Lower Upper

83 100

85 65.0 46.3 85.9

127 8.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 25.727 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Instrument :

MSVOA_W

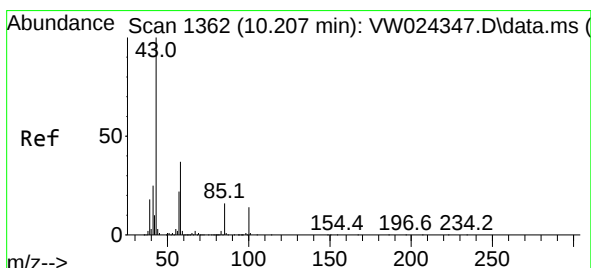
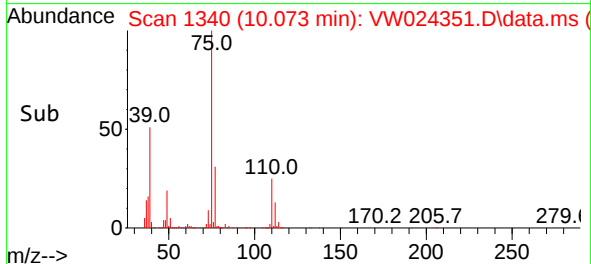
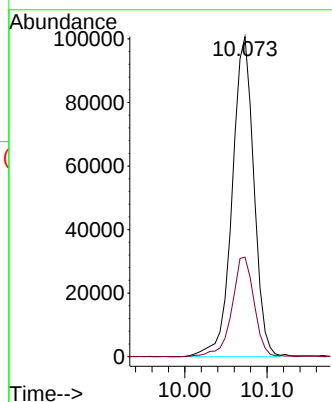
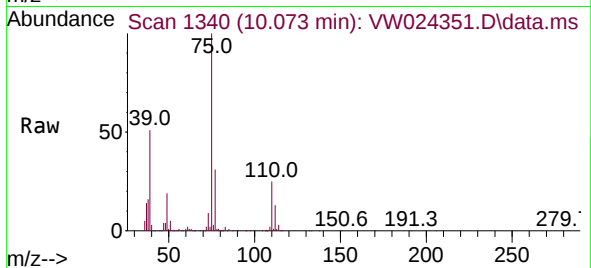
ClientSampleId :

Tgt Ion: 75 Resp: 184418

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.088 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

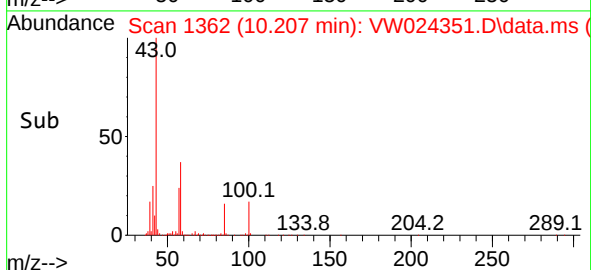
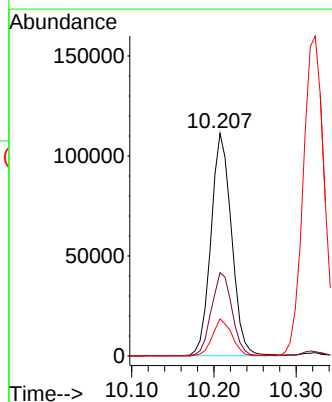
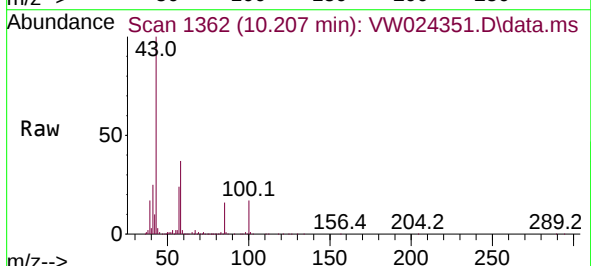
Tgt Ion: 43 Resp: 193583

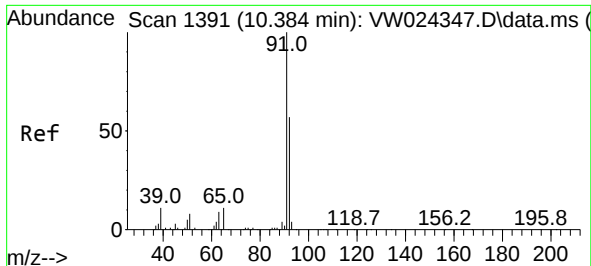
Ion Ratio Lower Upper

43 100

58 37.6 29.4 44.2

100 15.8 11.8 17.8

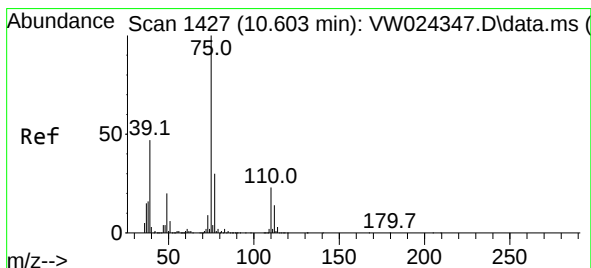
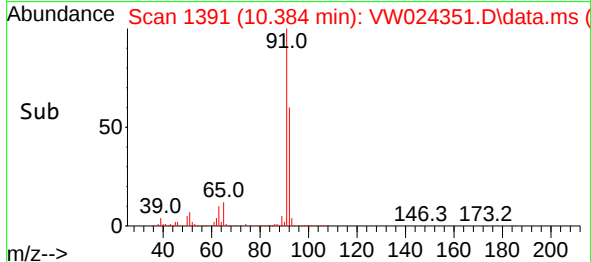
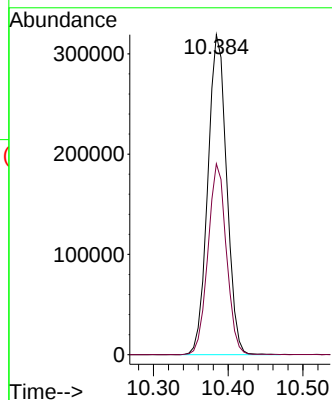
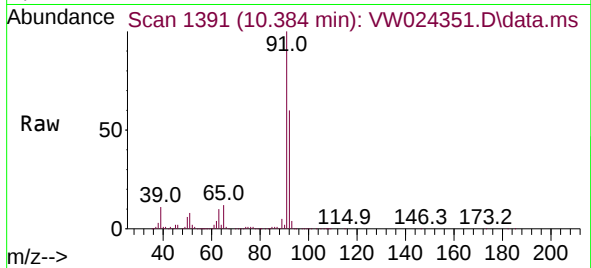




#42
Toluene
Concen: 25.435 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

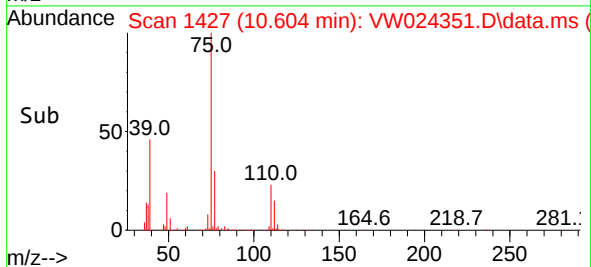
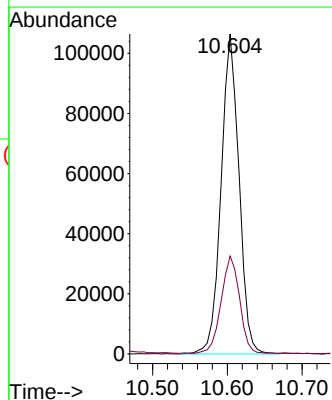
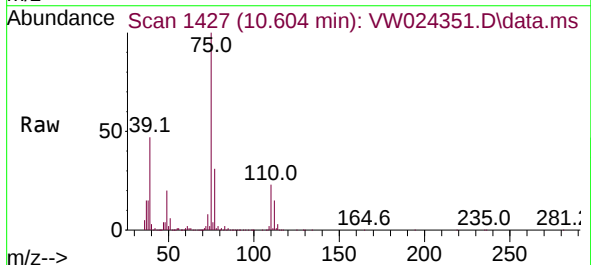
Instrument :
MSVOA_W
ClientSampleId :

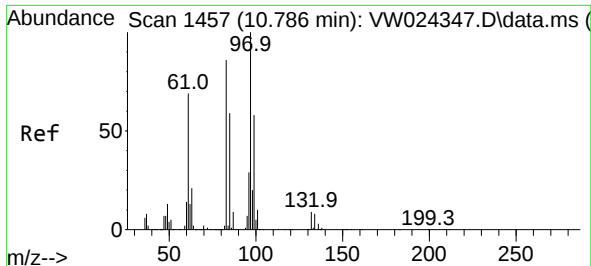
Tgt Ion: 91 Resp: 557755
Ion Ratio Lower Upper
91 100
92 59.7 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 25.483 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Tgt Ion: 75 Resp: 177499
Ion Ratio Lower Upper
75 100
77 30.6 21.1 39.1

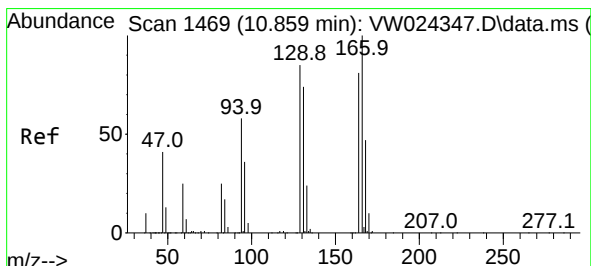
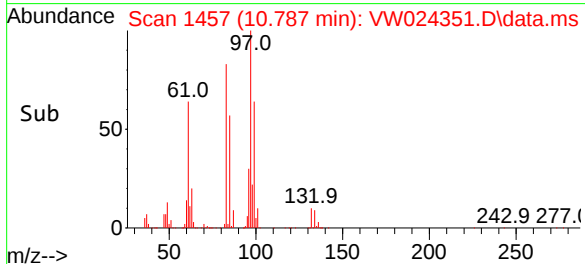
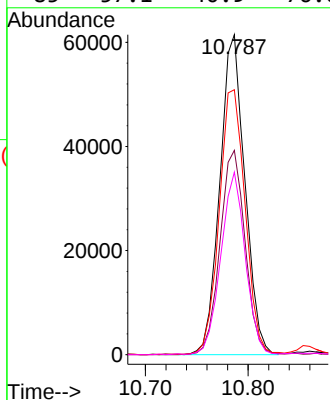
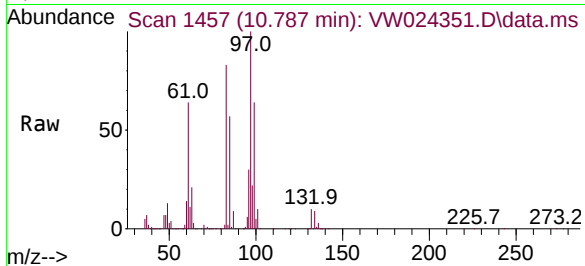




#45
1,1,2-Trichloroethane
Concen: 24.851 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

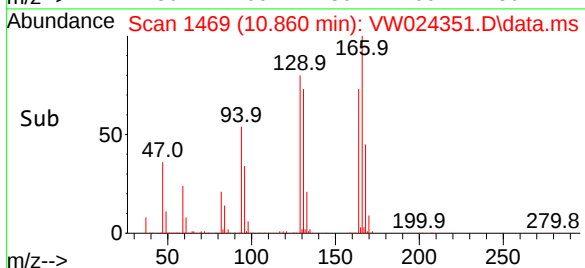
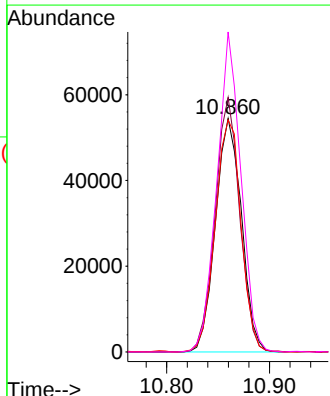
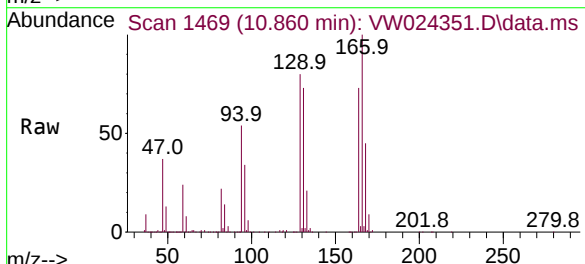
Instrument :
MSVOA_W
ClientSampleId :

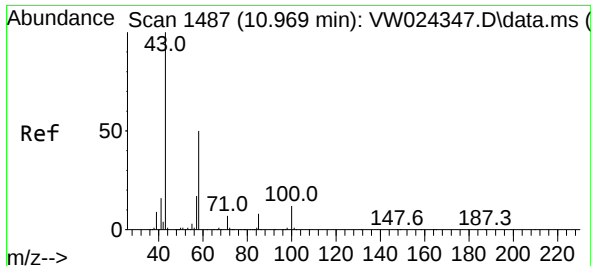
Tgt Ion:	97	Resp:	103918
Ion	Ratio	Lower	Upper
97	100		
99	63.8	40.4	75.0
83	82.8	60.1	111.5
85	57.1	40.9	76.0



#46
Tetrachloroethene
Concen: 23.456 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Tgt Ion:	164	Resp:	95404
Ion	Ratio	Lower	Upper
164	100		
129	109.0	72.9	135.3
131	99.5	63.7	118.3
166	137.1	86.2	160.0

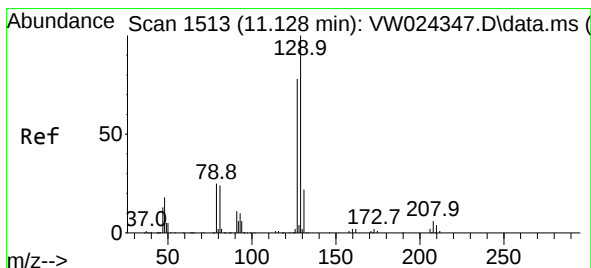
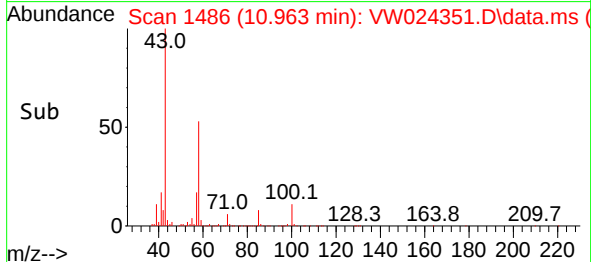
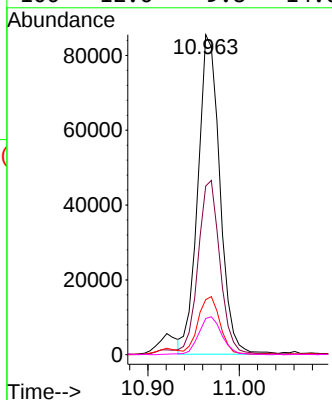
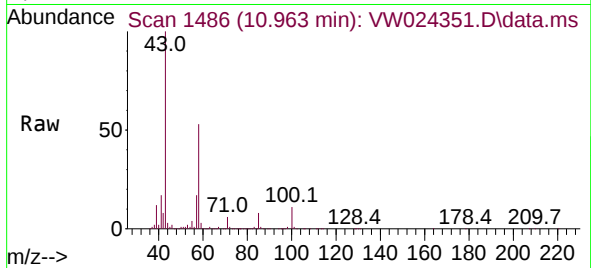




#48
2-Hexanone
Concen: 53.083 ug/L
RT: 10.963 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

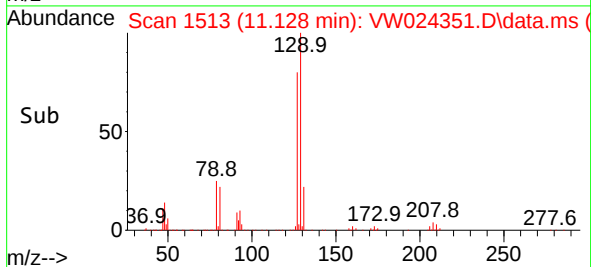
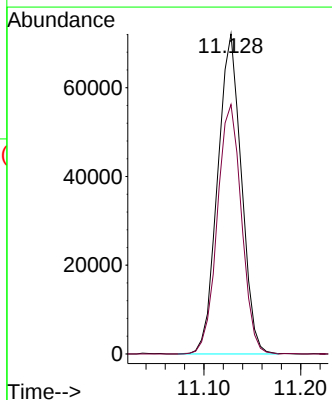
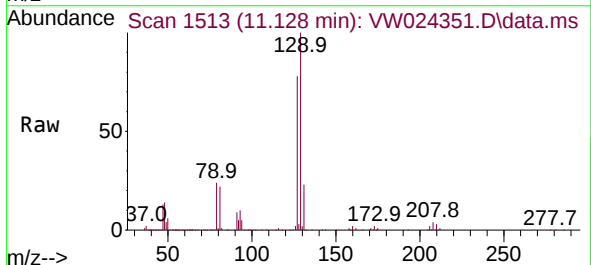
Instrument :
MSVOA_W
ClientSampleId :

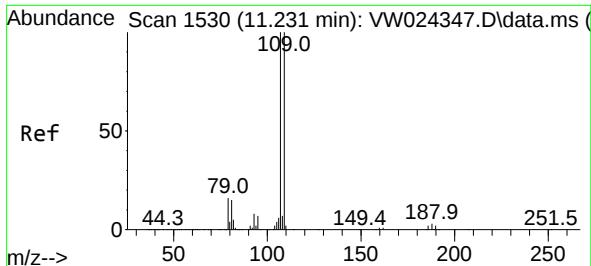
Tgt Ion: 43 Resp: 142775
Ion Ratio Lower Upper
43 100
58 54.7 40.6 61.0
57 17.7 14.2 21.2
100 12.6 9.8 14.6



#49
Dibromochloromethane
Concen: 24.876 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

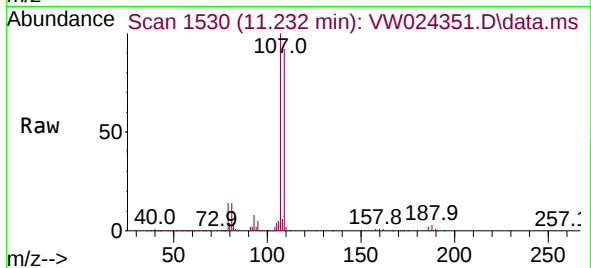
Tgt Ion:129 Resp: 123037
Ion Ratio Lower Upper
129 100
127 77.9 54.6 101.4



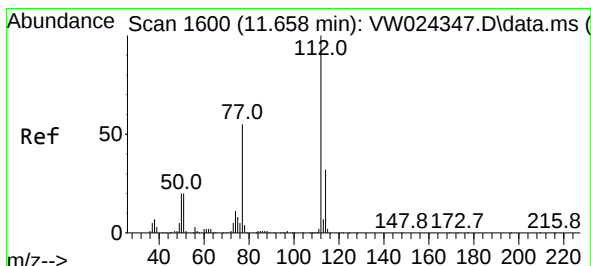
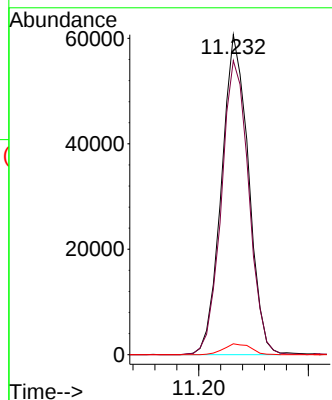
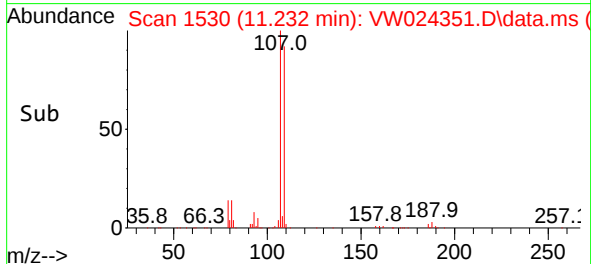


#50
1,2-Dibromoethane
Concen: 25.787 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Instrument :
MSVOA_W
ClientSampleId :

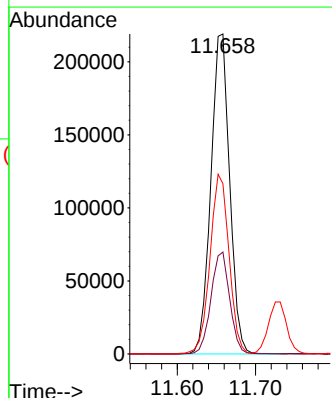
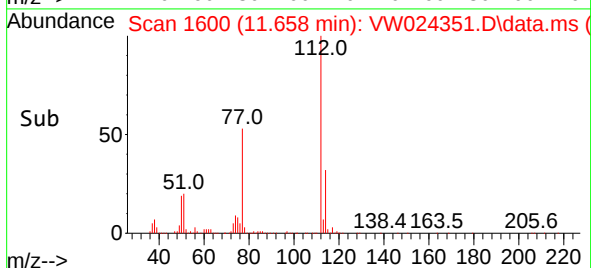
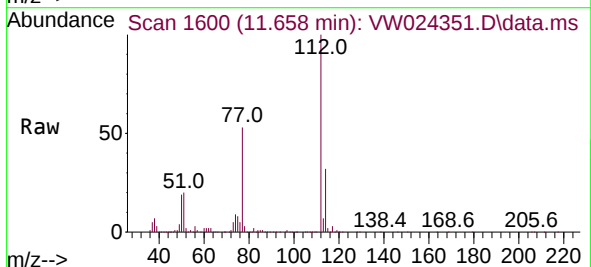


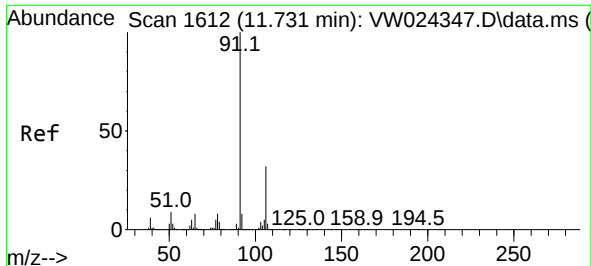
Tgt Ion:107 Resp: 103671
Ion Ratio Lower Upper
107 100
109 91.9 70.1 130.1
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 24.818 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Tgt Ion:112 Resp: 365286
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 53.2 44.1 66.1

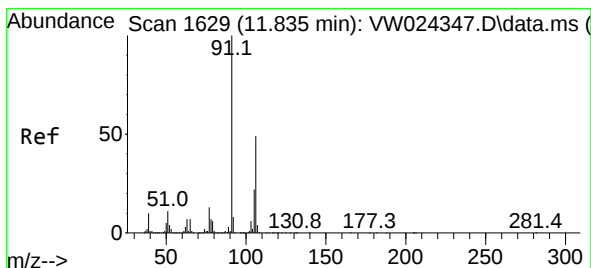
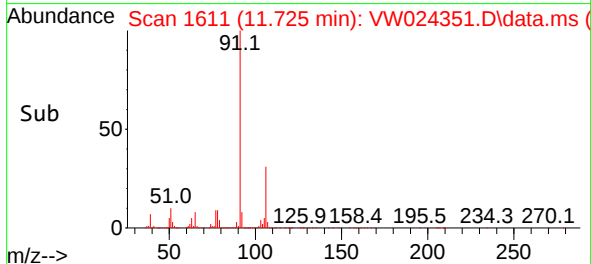
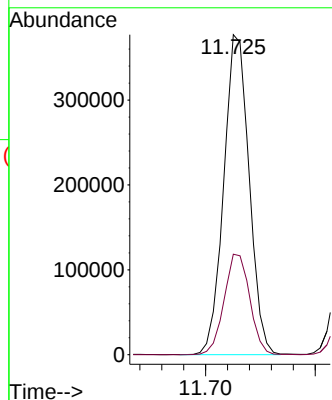
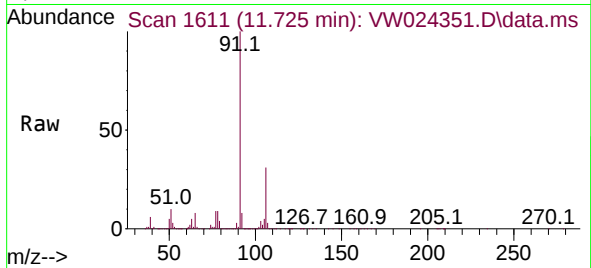




#52
Ethylbenzene
Concen: 25.039 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

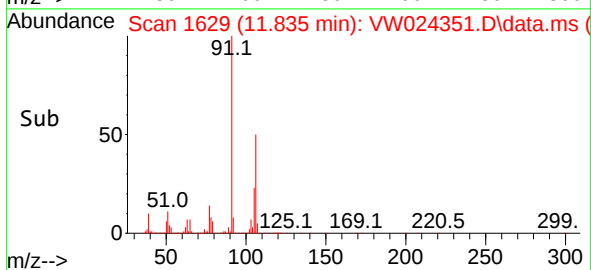
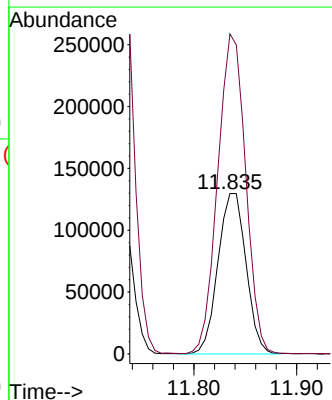
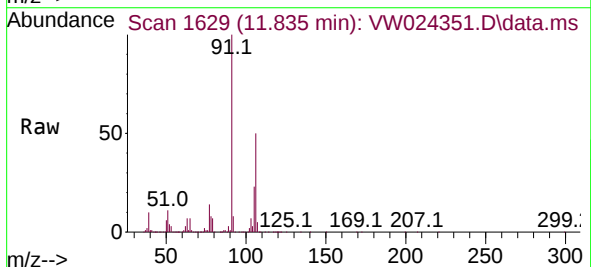
Instrument :
MSVOA_W
ClientSampleId :

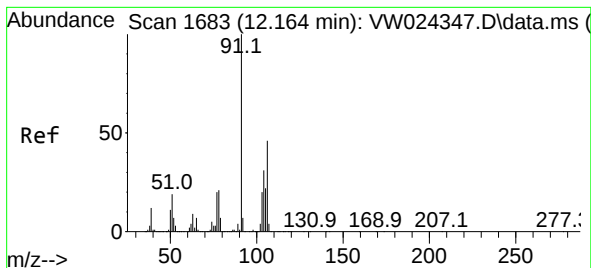
Tgt Ion: 91 Resp: 607064
Ion Ratio Lower Upper
91 100
106 31.4 22.7 42.3



#53
m,p-Xylene
Concen: 25.867 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Tgt Ion:106 Resp: 246287
Ion Ratio Lower Upper
106 100
91 199.4 144.3 267.9





#54

o-Xylene

Concen: 26.199 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Instrument :

MSVOA_W

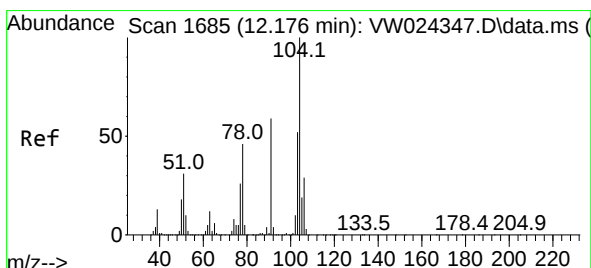
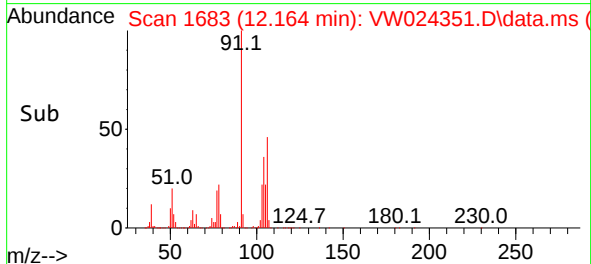
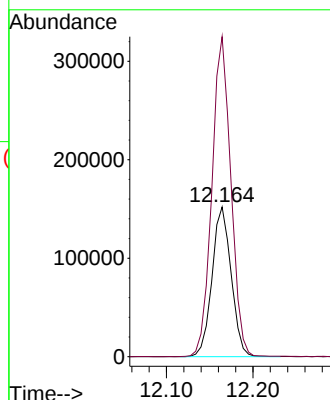
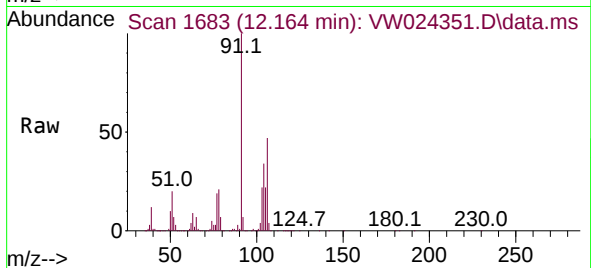
ClientSampleId :

Tgt Ion:106 Resp: 233188

Ion Ratio Lower Upper

106 100

91 213.6 152.1 282.5



#55

Styrene

Concen: 26.724 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024351.D

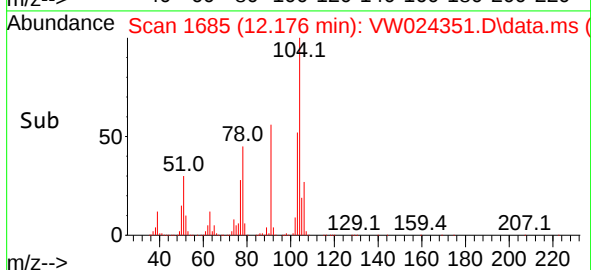
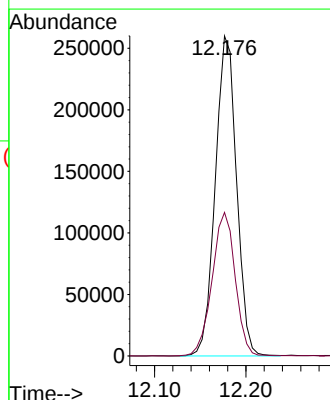
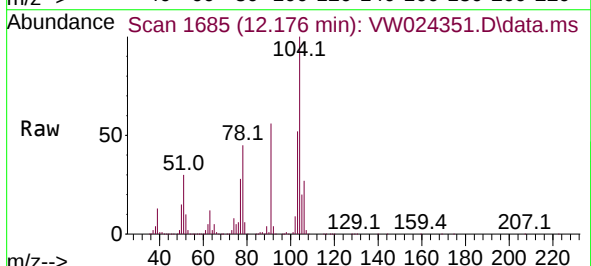
Acq: 26 Aug 2022 14:12

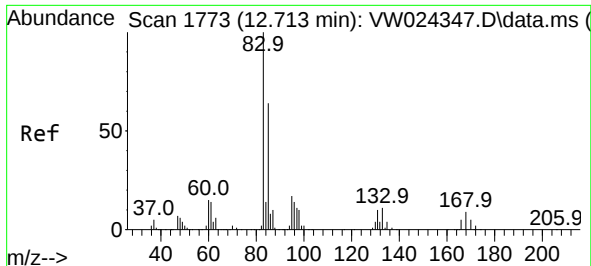
Tgt Ion:104 Resp: 420459

Ion Ratio Lower Upper

104 100

78 44.8 32.0 59.4

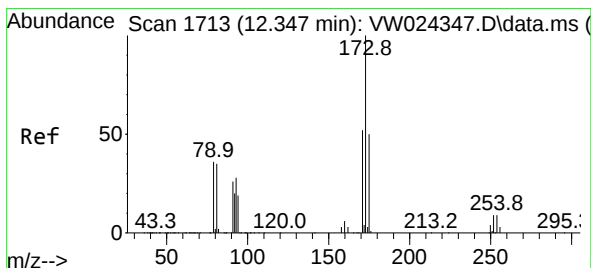
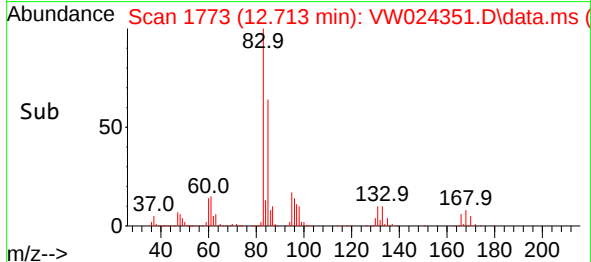
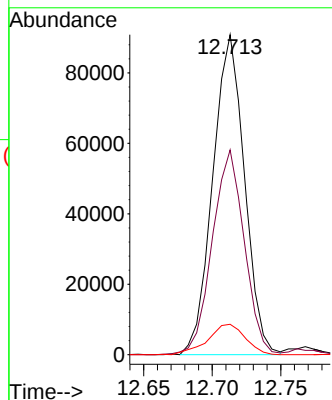
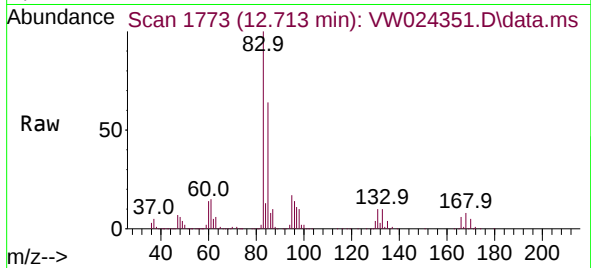




#57
1,1,2,2-Tetrachloroethane
Concen: 25.048 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

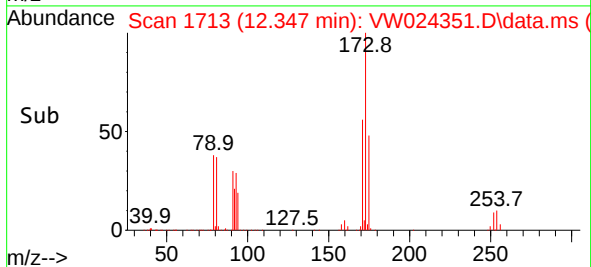
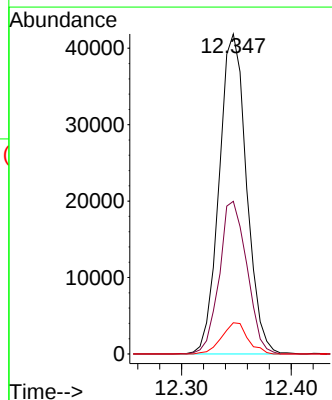
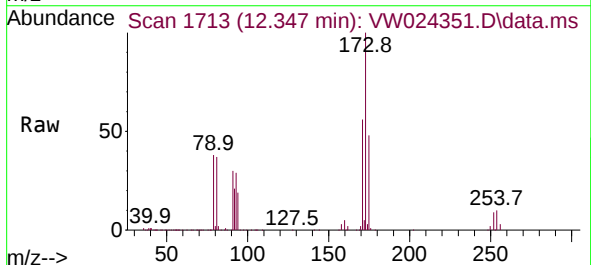
Instrument :
MSVOA_W
ClientSampleId :

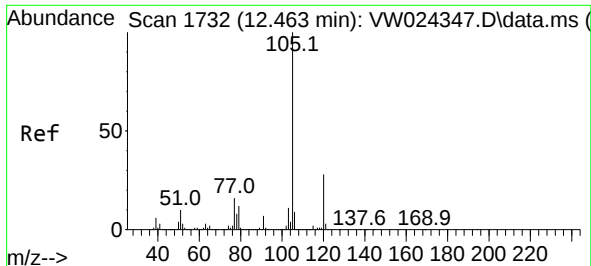
Tgt Ion: 83 Resp: 146201
Ion Ratio Lower Upper
83 100
85 64.0 44.4 82.5
131 9.5 8.4 12.6



#59
Bromoform
Concen: 24.582 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

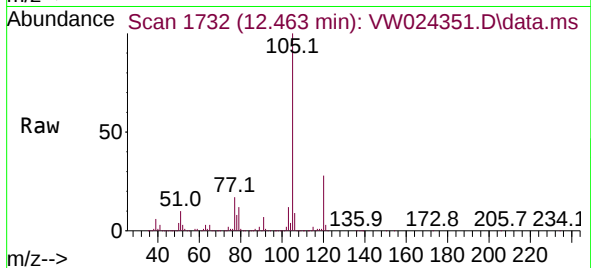
Tgt Ion: 173 Resp: 72598
Ion Ratio Lower Upper
173 100
175 48.1 39.8 59.6
254 9.3 6.8 10.2



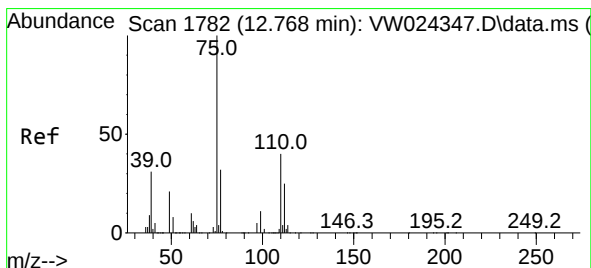
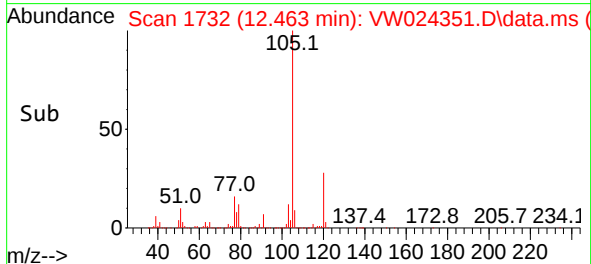
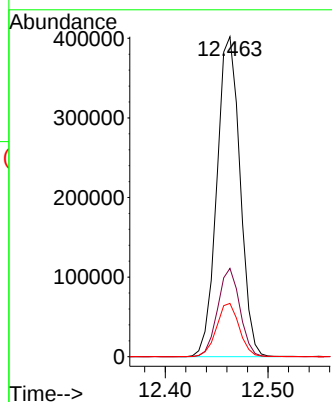


#60
Isopropylbenzene
Concen: 25.732 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Instrument :
MSVOA_W
ClientSampleId :

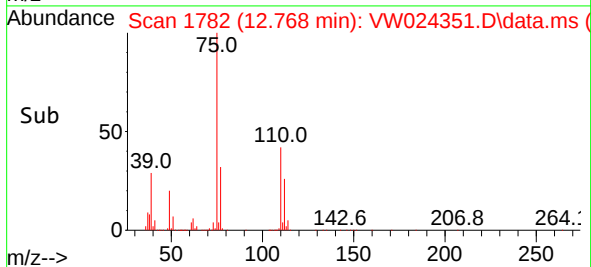
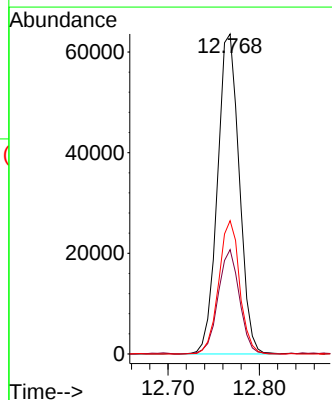
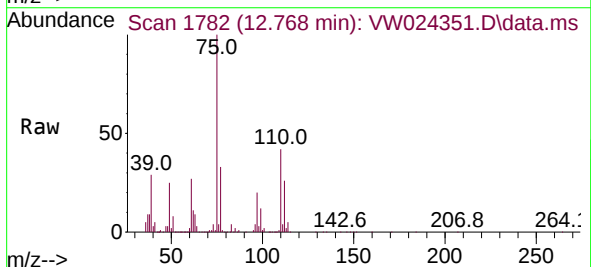


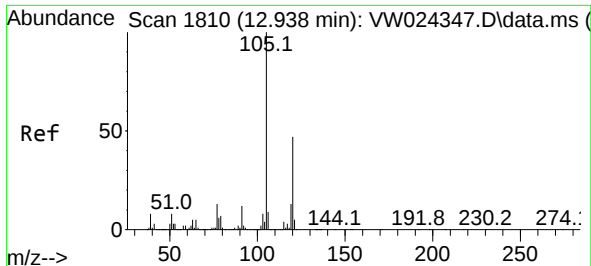
Tgt Ion:105 Resp: 628958
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 25.309 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024351.D
Acq: 26 Aug 2022 14:12

Tgt Ion: 75 Resp: 105329
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7
110 40.0 33.8 50.8





#62

1,3,5-Trimethylbenzene

Concen: 26.421 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Instrument :

MSVOA_W

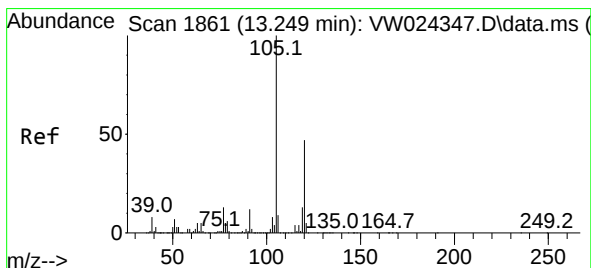
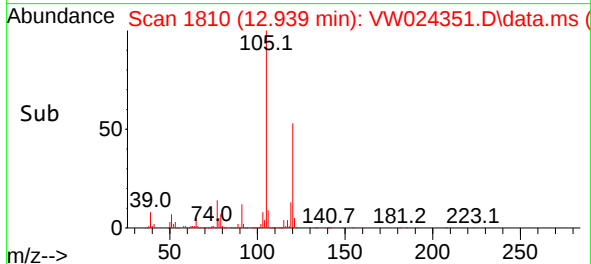
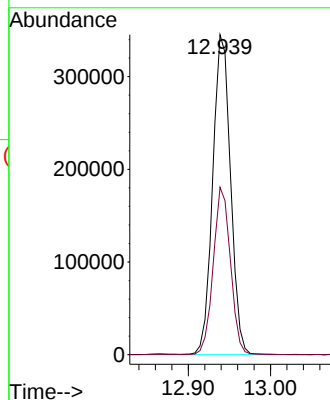
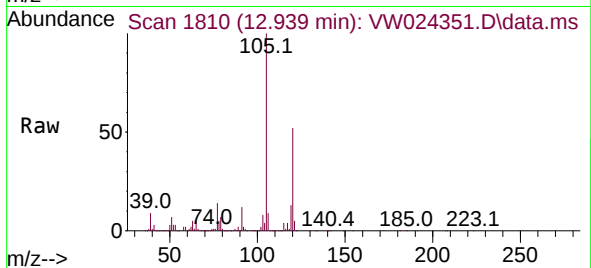
ClientSampleId :

Tgt Ion:105 Resp: 520729

Ion Ratio Lower Upper

105 100

120 50.4 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 27.262 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024351.D

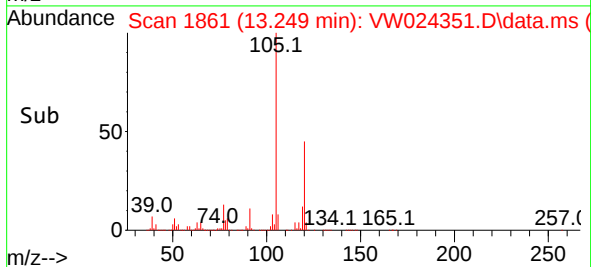
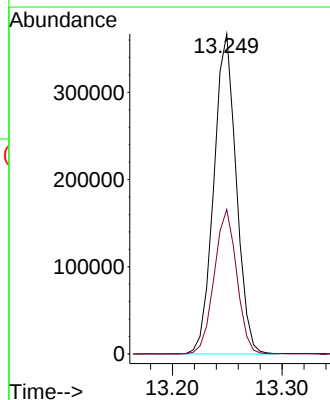
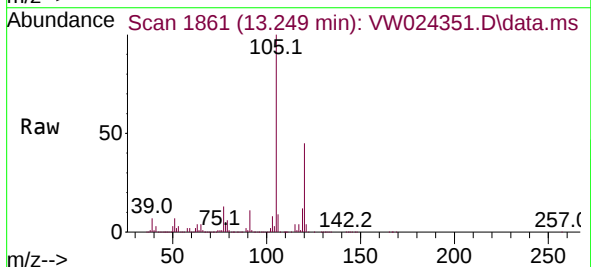
Acq: 26 Aug 2022 14:12

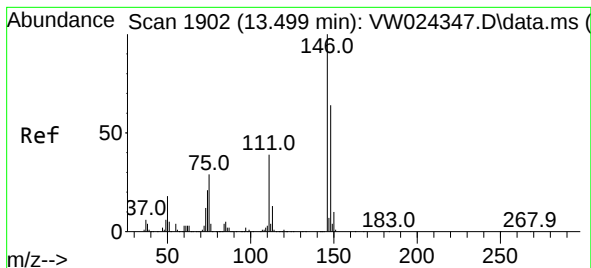
Tgt Ion:105 Resp: 521897

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 24.273 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Instrument :

MSVOA_W

ClientSampleId :

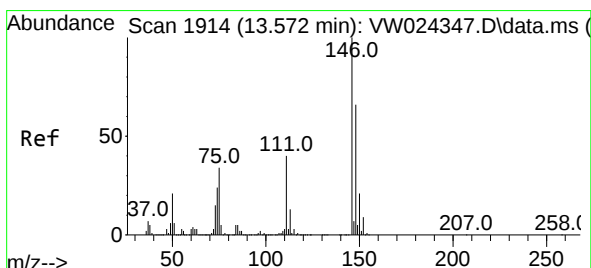
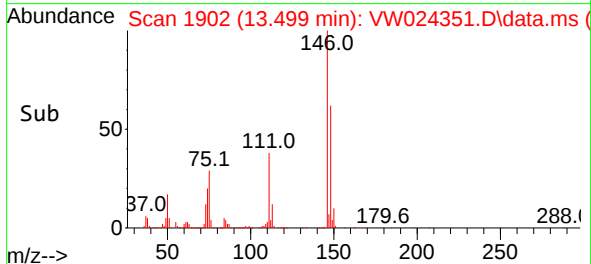
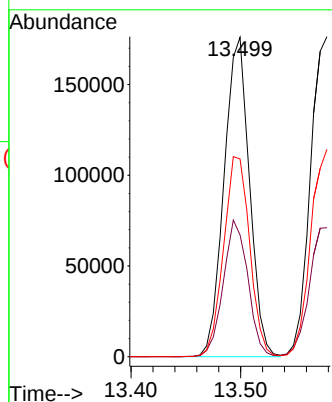
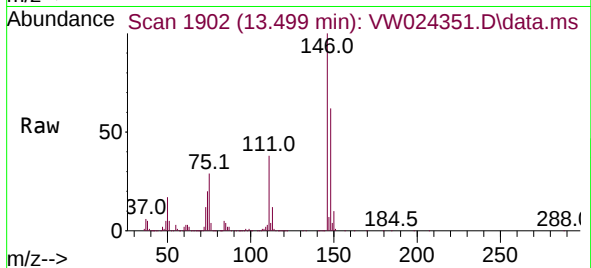
Tgt Ion:146 Resp: 283661

Ion Ratio Lower Upper

146 100

111 38.1 27.0 50.2

148 61.9 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 23.816 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

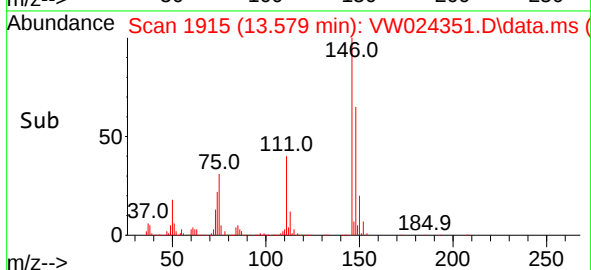
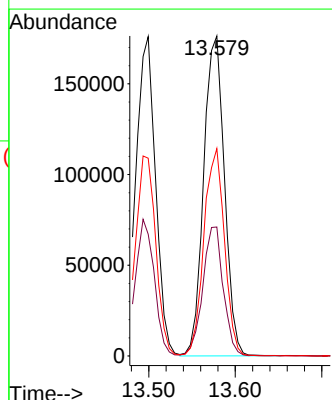
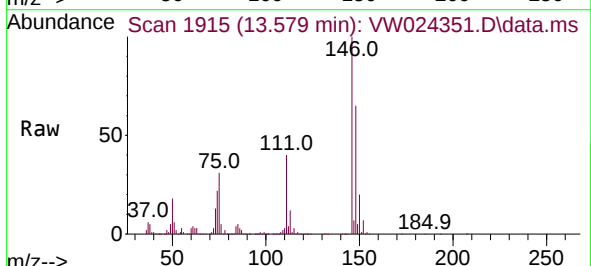
Tgt Ion:146 Resp: 293839

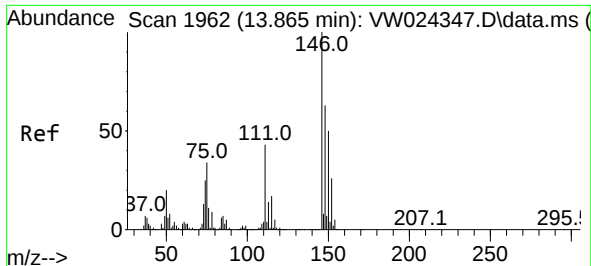
Ion Ratio Lower Upper

146 100

111 40.3 27.7 51.5

148 64.8 46.5 86.5





#67

1,2-Dichlorobenzene

Concen: 24.601 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Instrument :

MSVOA_W

ClientSampleId :

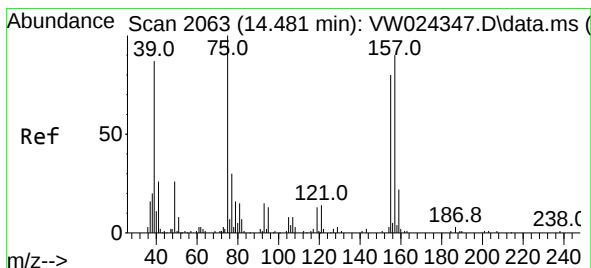
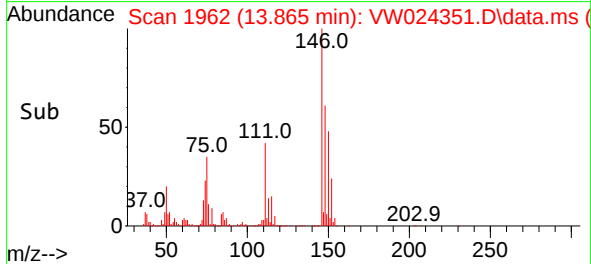
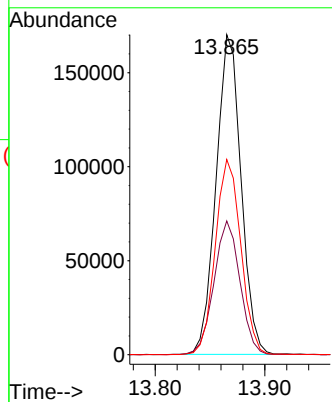
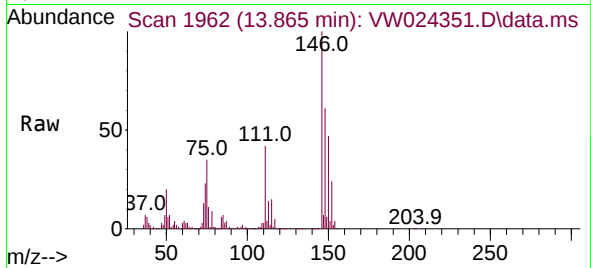
Tgt Ion:146 Resp: 269494

Ion Ratio Lower Upper

146 100

111 41.8 34.5 51.7

148 61.0 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.802 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

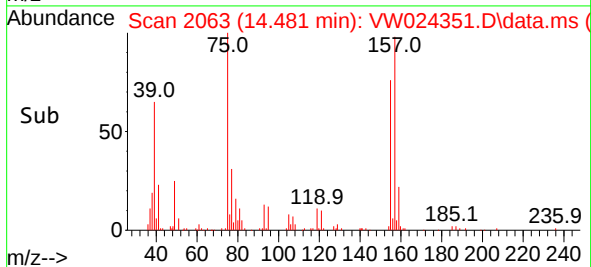
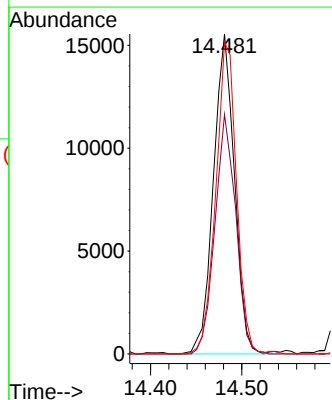
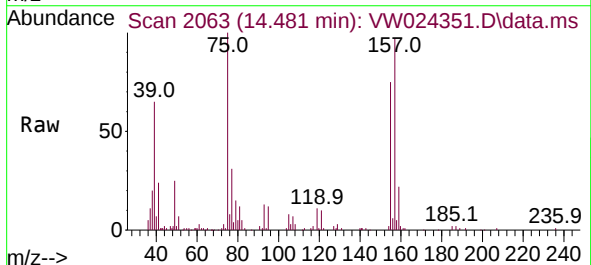
Tgt Ion: 75 Resp: 24887

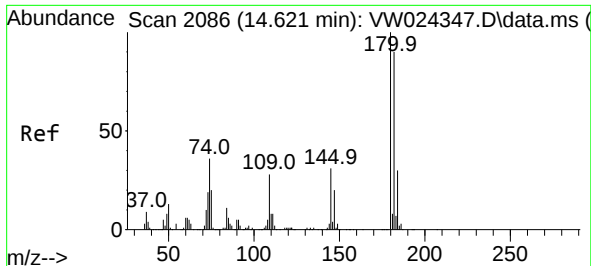
Ion Ratio Lower Upper

75 100

155 74.9 63.9 95.9

157 97.5 72.2 108.4





#69

1,3,5-Trichlorobenzene

Concen: 23.701 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

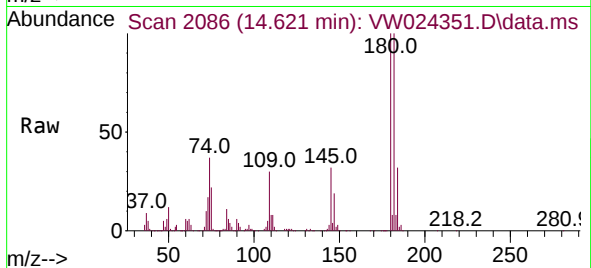
Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 178775

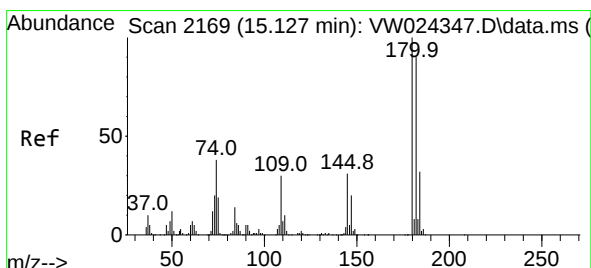
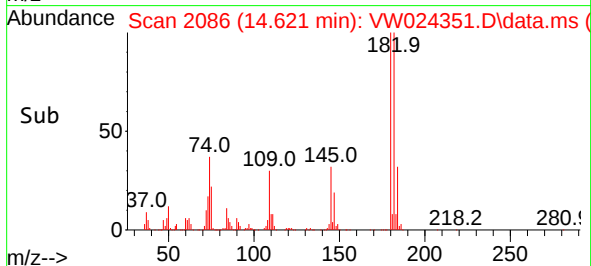
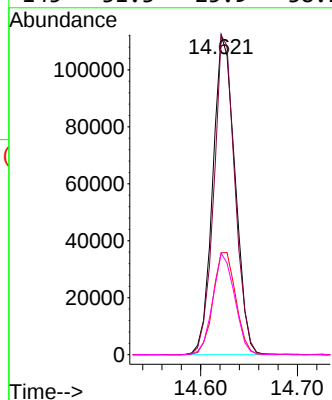
Ion Ratio Lower Upper

180 100

182 94.8 76.6 114.8

184 32.8 24.5 36.7

145 31.3 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 25.233 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

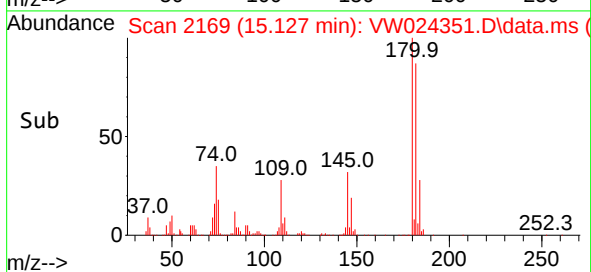
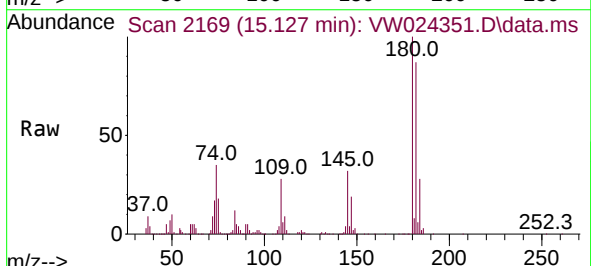
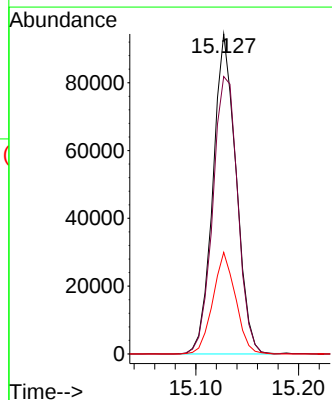
Tgt Ion:180 Resp: 147955

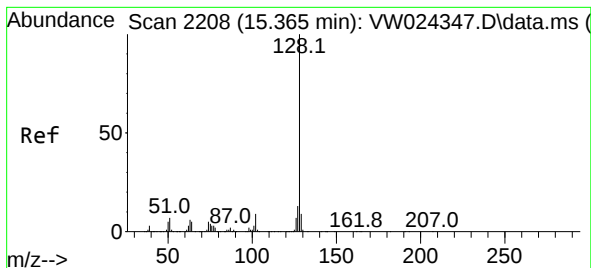
Ion Ratio Lower Upper

180 100

182 93.3 72.6 109.0

145 31.1 26.2 39.2





#71

Naphthalene

Concen: 27.954 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Instrument :

MSVOA_W

ClientSampleId :

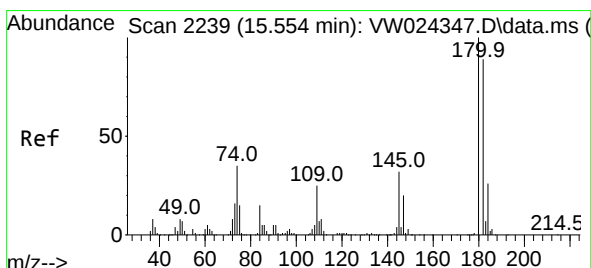
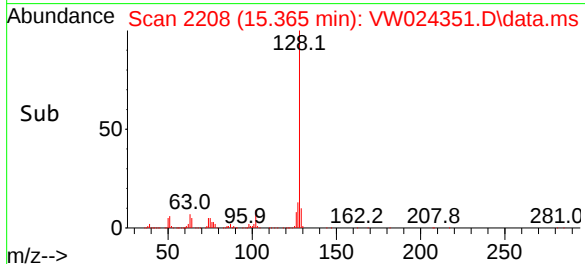
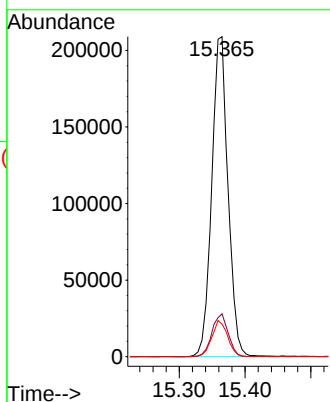
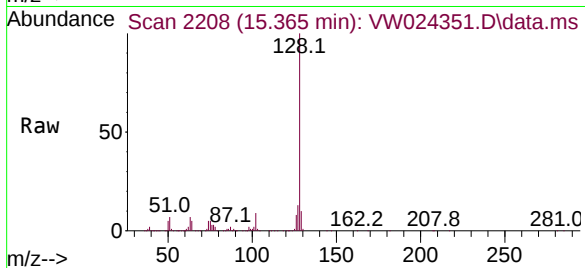
Tgt Ion:128 Resp: 359978

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.0 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 24.045 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024351.D

Acq: 26 Aug 2022 14:12

Tgt Ion:180 Resp: 133253

Ion Ratio Lower Upper

180 100

182 96.3 74.6 111.8

145 33.8 26.6 40.0

