

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024361.D
 Acq On : 26 Aug 2022 19:54
 Operator : SY/VA
 Sample : N4345-11MS
 Misc : 5.10g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 00:44:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 27 00:35:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	220496	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	252215	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	159897	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	197176	32.440	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 129.760%		
7) Chloroethane-d5	2.873	69	140535	30.859	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 123.440%		
11) 1,1-Dichloroethene-d2	4.007	63	123523	23.432	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	= 93.720%		
21) 2-Butanone-d5	7.080	46	56426	50.402	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 100.800%		
24) Chloroform-d	7.647	84	188908	26.649	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	= 106.600%		
26) 1,2-Dichloroethane-d4	8.305	65	116286	27.050	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	= 108.200%		
32) Benzene-d6	8.269	84	341754	23.650	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	= 94.600%		
36) 1,2-Dichloropropane-d6	9.275	67	112293	24.987	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	= 99.960%		
41) Toluene-d8	10.323	98	338441	24.633	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	= 98.520%		
43) trans-1,3-Dichloroprop...	10.579	79	51783	24.622	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	= 98.480%		
47) 2-Hexanone-d5	10.921	63	52360	52.064	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 104.120%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	152351	29.942	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	= 119.760%		
66) 1,2-Dichlorobenzene-d4	13.853	152	163107	27.088	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	= 108.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	50186	22.724	ug/L	98
3) Chloromethane	2.209	50	96864	23.476	ug/L	98
5) Vinyl chloride	2.349	62	200371	27.780	ug/L	99
6) Bromomethane	2.764	94	125896	24.867	ug/L	96
8) Chloroethane	2.910	64	98763	26.212	ug/L	99
9) Trichlorofluoromethane	3.239	101	63237	18.644	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	64459	19.813	ug/L	97
12) 1,1-Dichloroethene	4.025	96	59328	22.526	ug/L	89
13) Acetone	4.123	43	26737	40.019	ug/L	97
14) Carbon disulfide	4.373	76	184512	21.080	ug/L	98
15) Methyl Acetate	4.666	43	31761	19.433	ug/L	92
16) Methylene chloride	4.916	84	80907	21.878	ug/L	85
17) trans-1,2-Dichloroethene	5.422	96	68452	21.958	ug/L	100
18) Methyl tert-butyl Ether	5.422	73	119031	23.319	ug/L	99
19) 1,1-Dichloroethane	6.208	63	127404	21.612	ug/L	97
22) 2-Butanone	7.171	43	49196	41.272	ug/L	98
23) Bromochloromethane	7.513	128	37408	22.347	ug/L	96
25) Chloroform	7.671	83	145121	22.188	ug/L	97
27) 1,2-Dichloroethane	8.397	62	108616	22.814	ug/L	97

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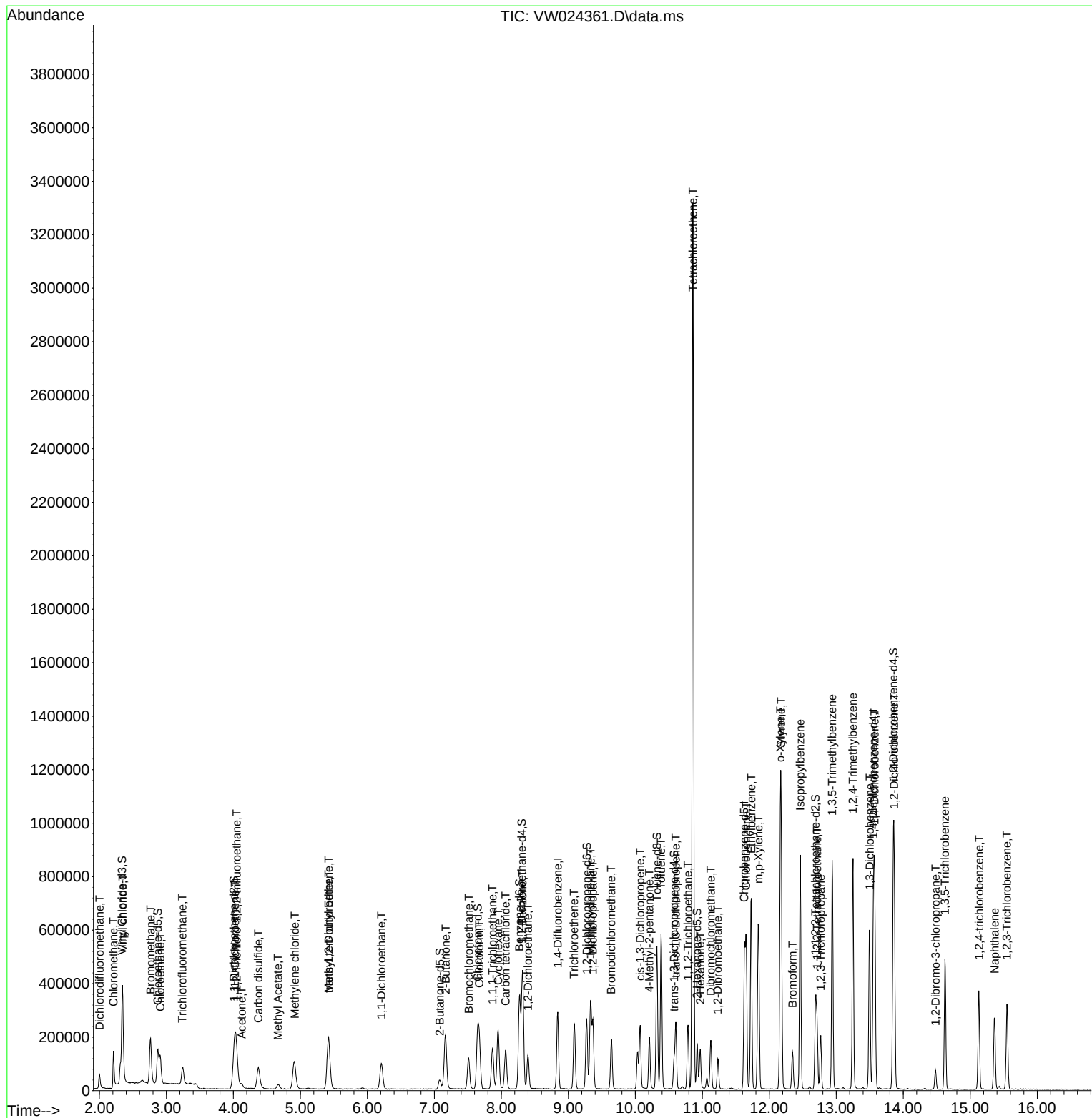
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	105006	19.311	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	110512	18.585	ug/L	97
31) Carbon tetrachloride	8.061	117	98139	18.040	ug/L	99
33) Benzene	8.317	78	325271	20.714	ug/L	100
34) Trichloroethene	9.086	95	79097	19.111	ug/L	89
35) Methylcyclohexane	9.335	83	120567	18.157	ug/L	98
37) 1,2-Dichloropropane	9.366	63	83027	20.488	ug/L	98
38) Bromodichloromethane	9.640	83	113552	20.576	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	121236	21.402	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	122057	42.357	ug/L	100
42) Toluene	10.384	91	389508	22.476	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	118445	21.518	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	67897	20.546	ug/L	94
46) Tetrachloroethene	10.860	164	572696	178.172	ug/L	92
48) 2-Hexanone	10.969	43	93242	43.868	ug/L	99
49) Dibromochloromethane	11.128	129	84714	21.674	ug/L	100
50) 1,2-Dibromoethane	11.231	107	66670	20.985	ug/L	94
51) Chlorobenzene	11.652	112	256627	22.063	ug/L	97
52) Ethylbenzene	11.731	91	474592	24.771	ug/L	96
53) m,p-Xylene	11.841	106	186596	24.799	ug/L	93
54) o-Xylene	12.164	106	184539	26.236	ug/L	95
55) Styrene	12.176	104	358392	28.825	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	111135	24.093	ug/L	98
59) Bromoform	12.347	173	56460	22.003	ug/L	96
60) Isopropylbenzene	12.463	105	505205	23.789	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	74890	20.711	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	412880	24.111	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	420257	25.266	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	218065	21.476	ug/L	100
65) 1,4-Dichlorobenzene	13.573	146	238276	22.227	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	223055	23.435	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	16846	18.543	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	124843	19.049	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	97393	19.117	ug/L	98
71) Naphthalene	15.365	128	210992	18.857	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	94850	19.699	ug/L	97

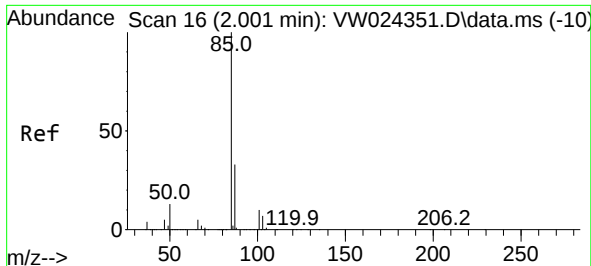
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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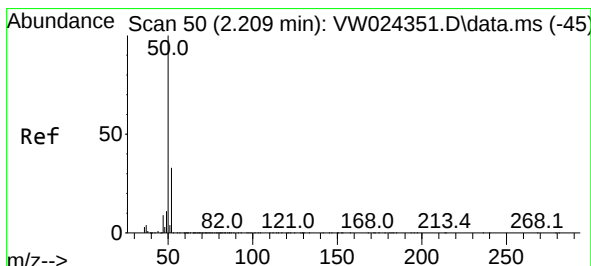
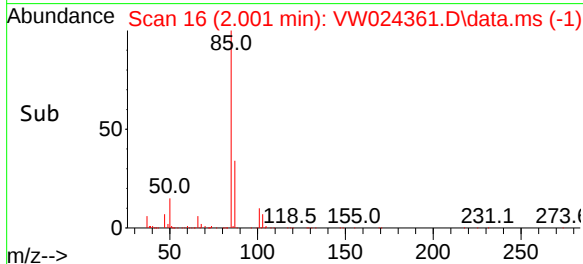
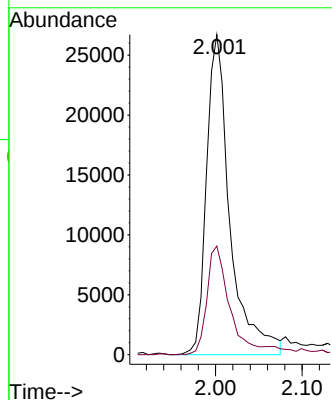
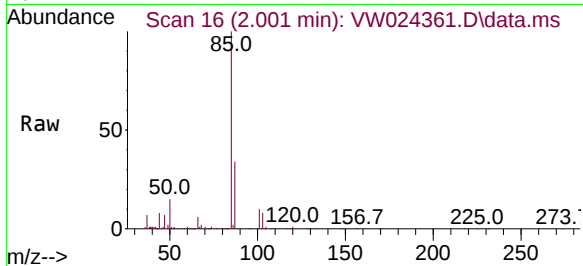




#2
 Dichlorodifluoromethane
 Concen: 22.724 ug/L
 RT: 2.001 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VW024361.D
 Acq: 26 Aug 2022 19:54

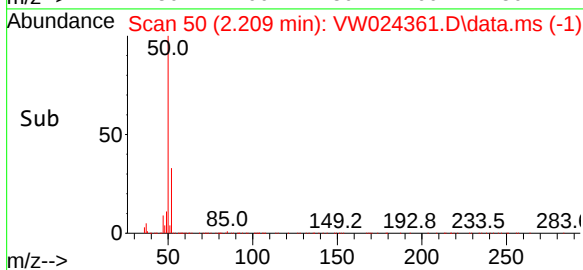
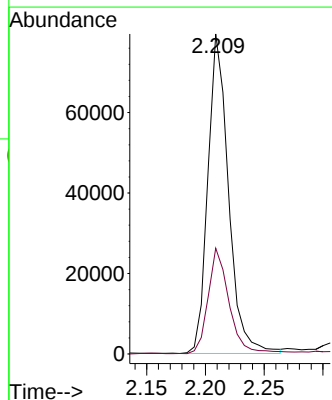
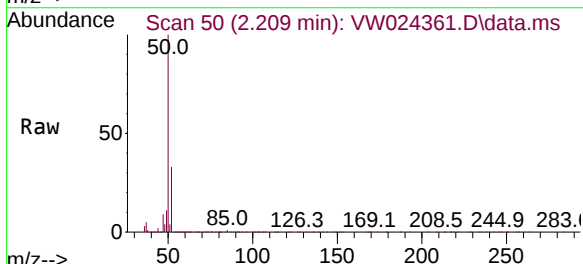
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 ClientSampleId :

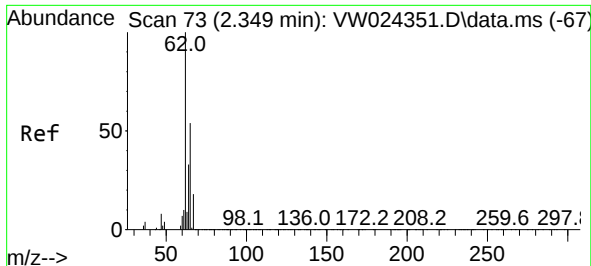
Tgt Ion: 85 Resp: 50186
 Ion Ratio Lower Upper
 85 100
 87 32.1 24.7 37.1



#3
 Chloromethane
 Concen: 23.476 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024361.D
 Acq: 26 Aug 2022 19:54

Tgt Ion: 50 Resp: 96864
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.5

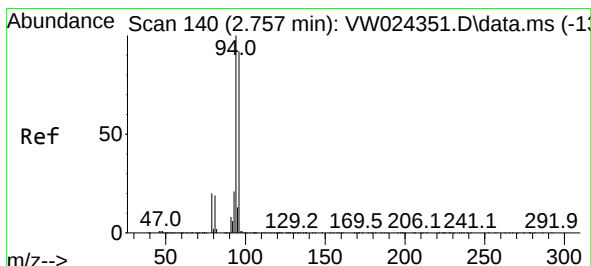
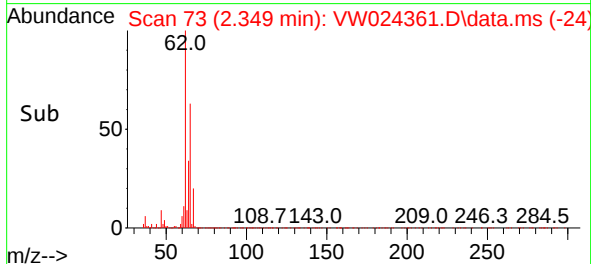
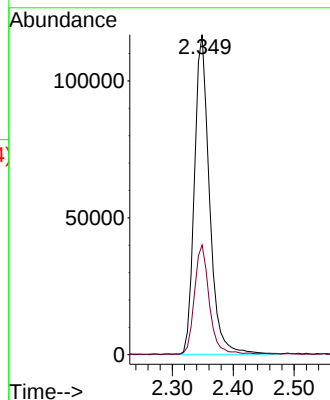
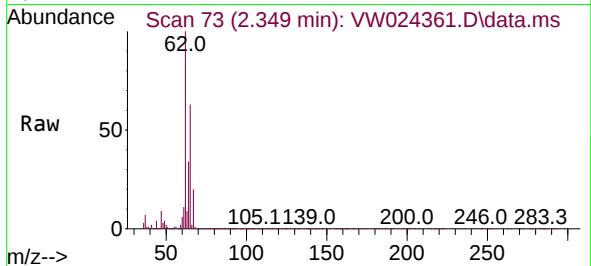




#5
 Vinyl chloride
 Concen: 27.780 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024361.D
 Acq: 26 Aug 2022 19:54

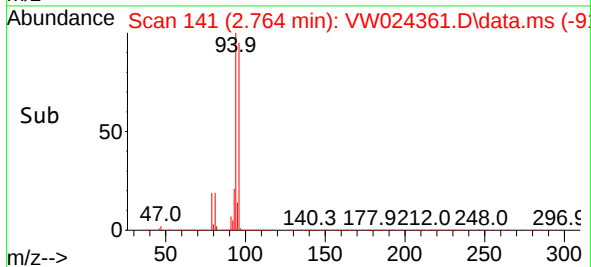
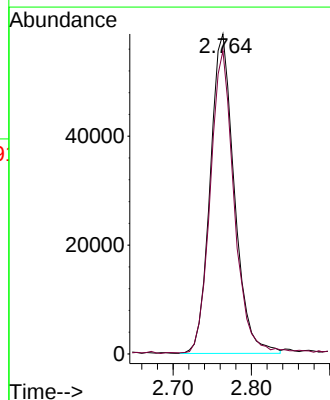
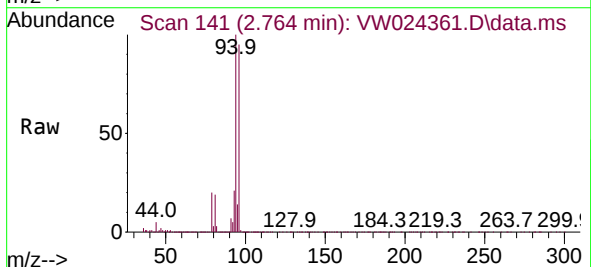
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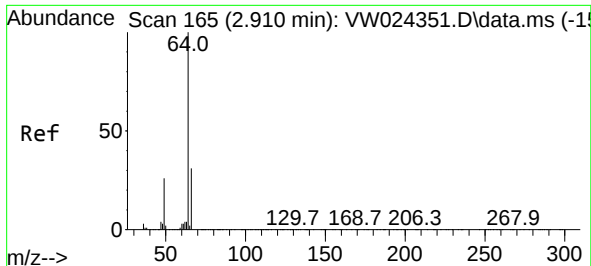
Tgt Ion: 62 Resp: 200371
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.6 43.8



#6
 Bromomethane
 Concen: 24.867 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. 0.006 min
 Lab File: VW024361.D
 Acq: 26 Aug 2022 19:54

Tgt Ion: 94 Resp: 125896
 Ion Ratio Lower Upper
 94 100
 96 94.8 63.6 118.0

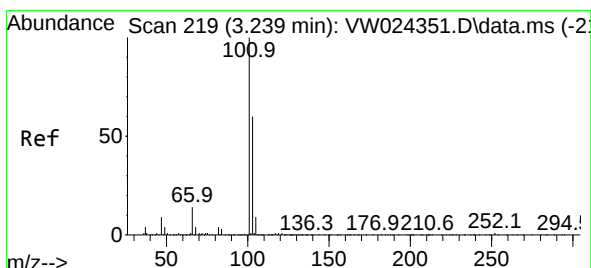
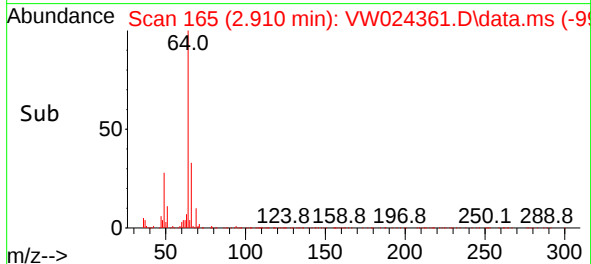
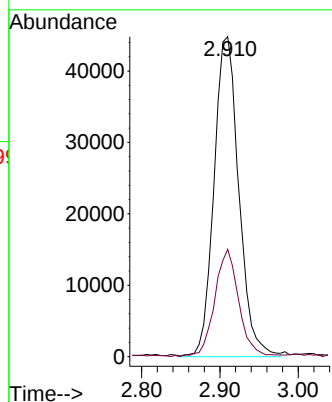
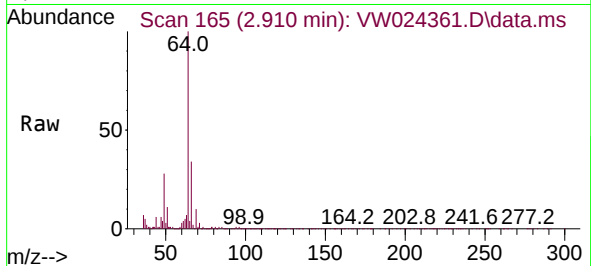




#8
Chloroethane
Concen: 26.212 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

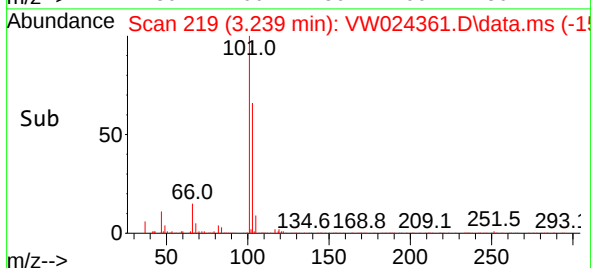
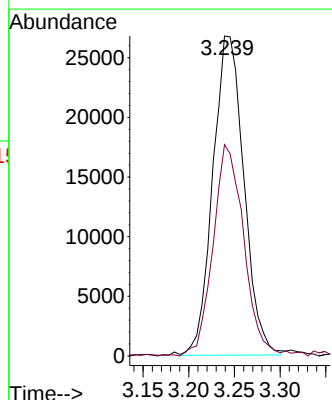
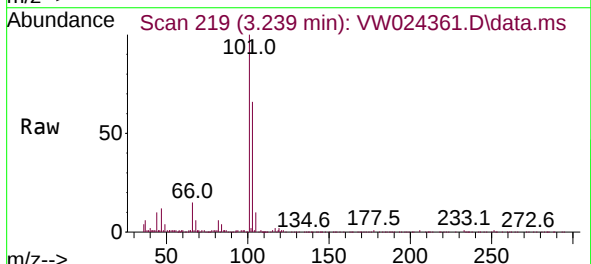
Instrument :
MSVOA_W
ClientSampleId :

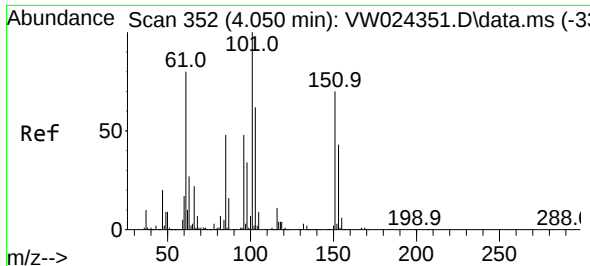
Tgt Ion: 64 Resp: 98763
Ion Ratio Lower Upper
64 100
66 33.6 23.0 42.6



#9
Trichlorofluoromethane
Concen: 18.644 ug/L
RT: 3.239 min Scan# 219
Delta R.T. 0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

Tgt Ion: 101 Resp: 63237
Ion Ratio Lower Upper
101 100
103 65.2 50.4 75.6

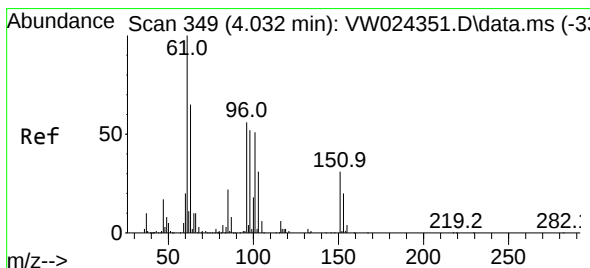
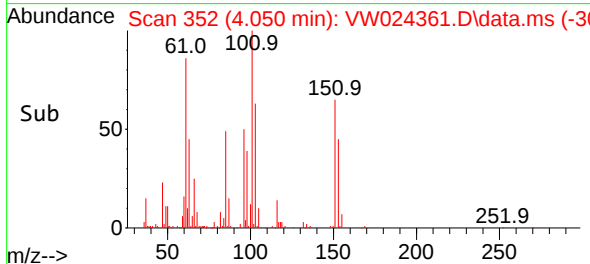
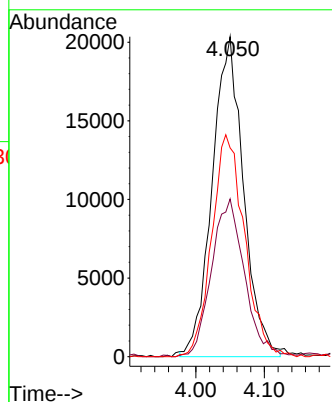
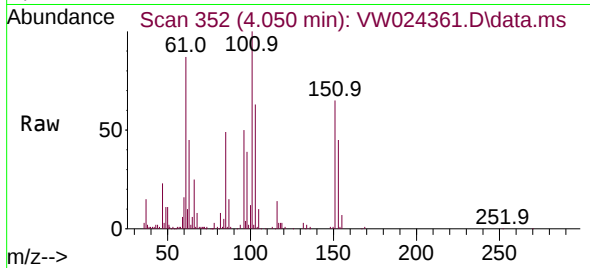




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.813 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW024361.D
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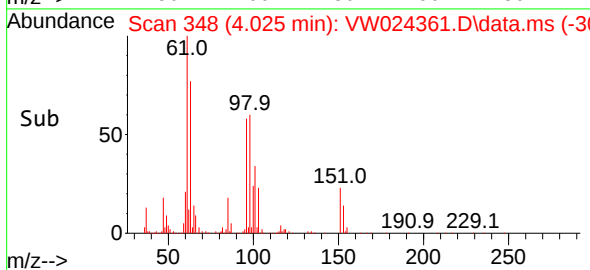
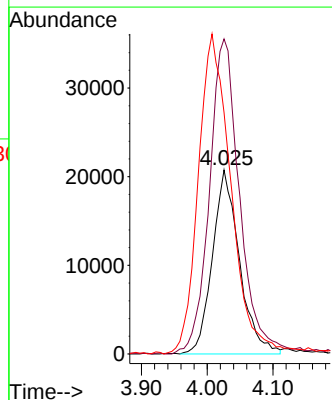
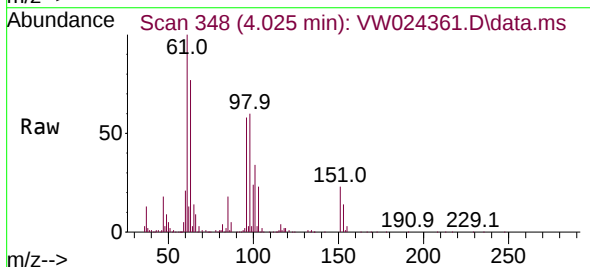
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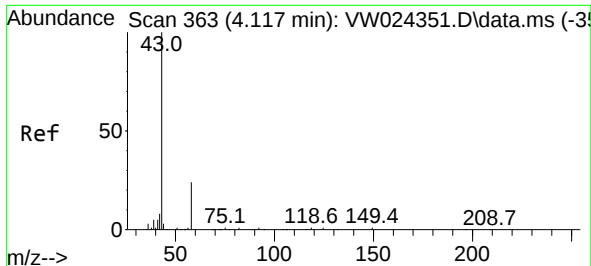
Tgt Ion:	101	Resp:	64459
Ion	Ratio	Lower	Upper
101	100		
85	51.7	39.1	58.7
151	72.6	56.8	85.2



#12
 1,1-Dichloroethene
 Concen: 22.526 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
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Tgt Ion:	96	Resp:	59328
Ion	Ratio	Lower	Upper
96	100		
61	171.2	118.8	220.6
63	131.3	72.8	135.2

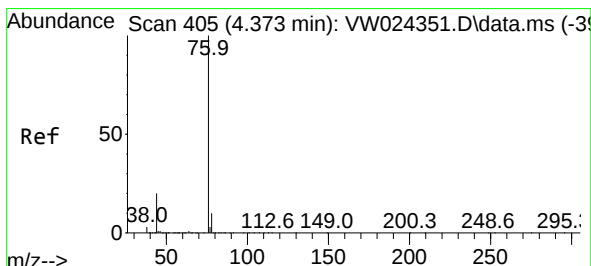
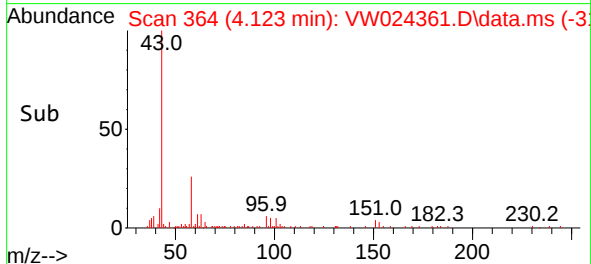
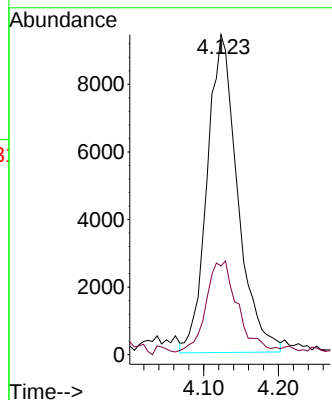
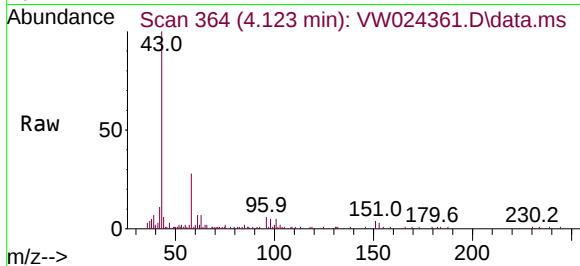




#13
Acetone
Concen: 40.019 ug/L
RT: 4.123 min Scan# 363
Delta R.T. 0.006 min
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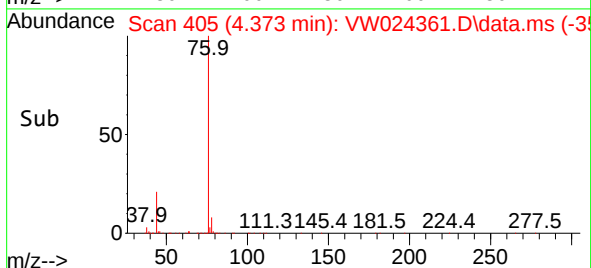
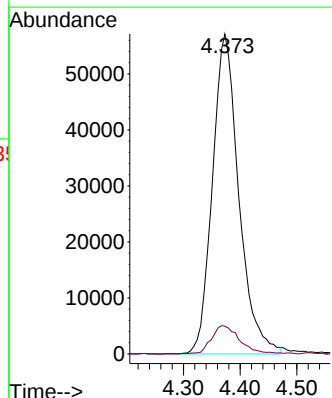
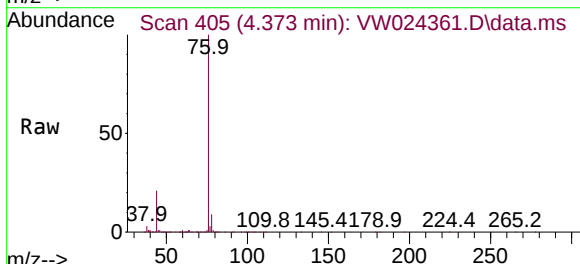
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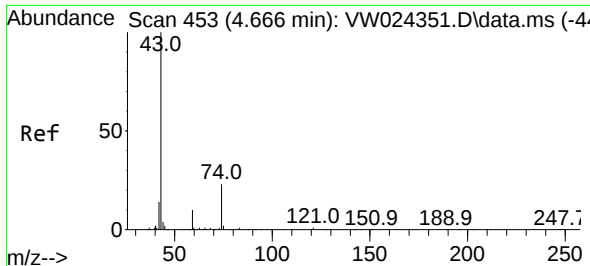
Tgt Ion: 43 Resp: 26737
Ion Ratio Lower Upper
43 100
58 27.8 0.0 58.4



#14
Carbon disulfide
Concen: 21.080 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 184512
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

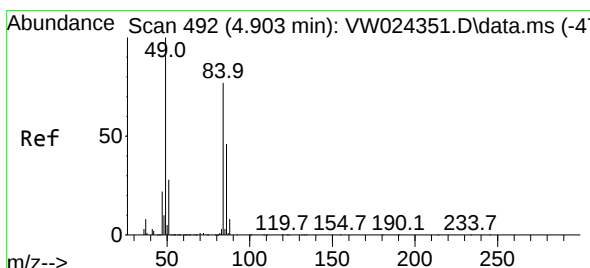
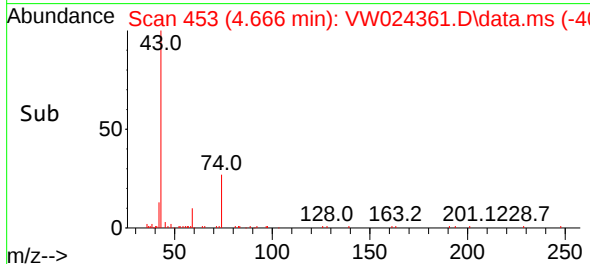
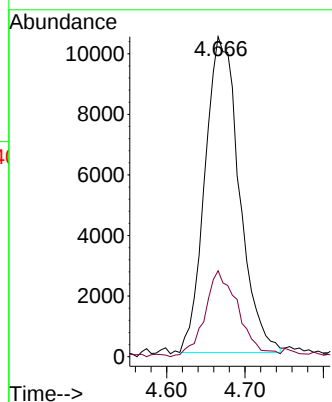
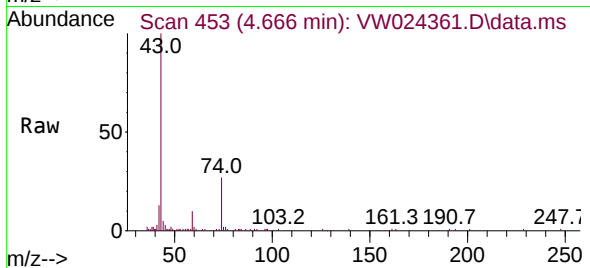




#15
Methyl Acetate
Concen: 19.433 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

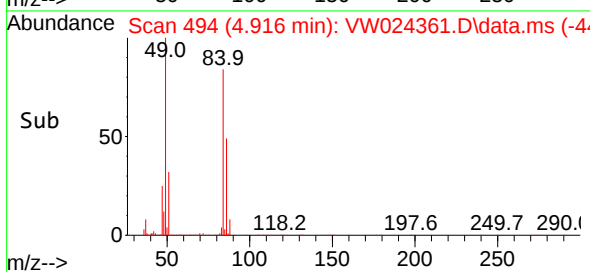
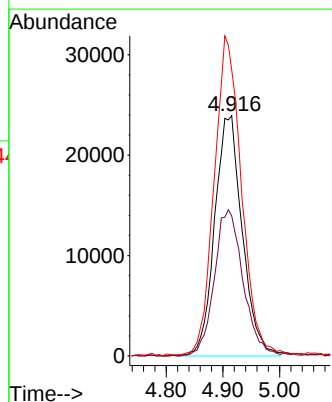
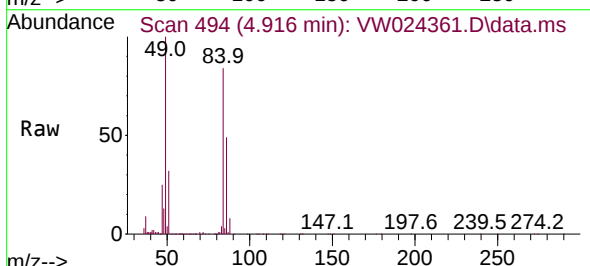
Instrument :
MSVOA_W
ClientSampleId :

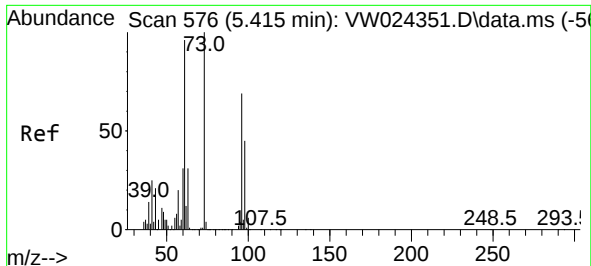
Tgt Ion: 43 Resp: 31761
Ion Ratio Lower Upper
43 100
74 26.1 17.9 26.9



#16
Methylene chloride
Concen: 21.878 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.013 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

Tgt Ion: 84 Resp: 80907
Ion Ratio Lower Upper
84 100
86 58.2 47.7 88.7
49 119.0 96.6 179.4

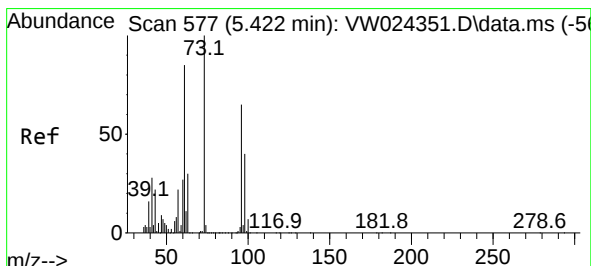
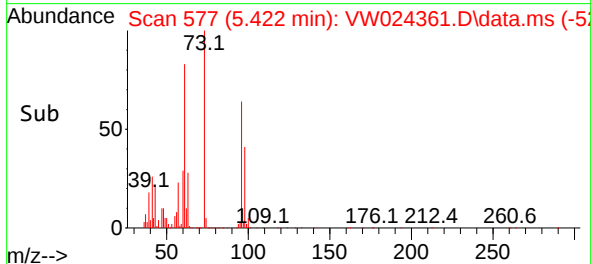
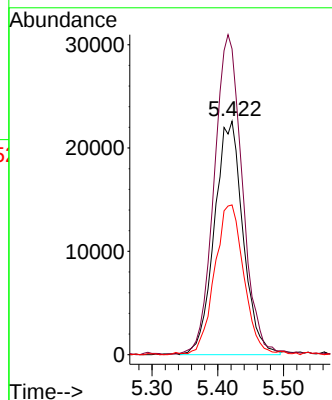
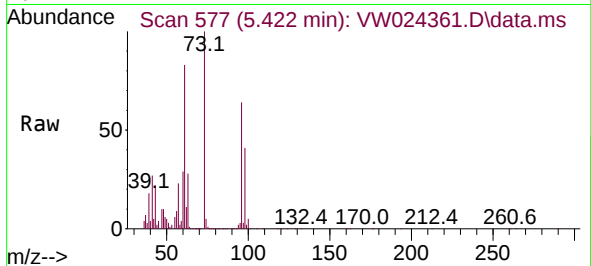




#17
trans-1,2-Dichloroethene
Concen: 21.958 ug/L
RT: 5.422 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

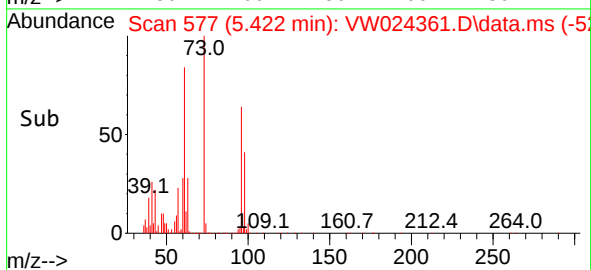
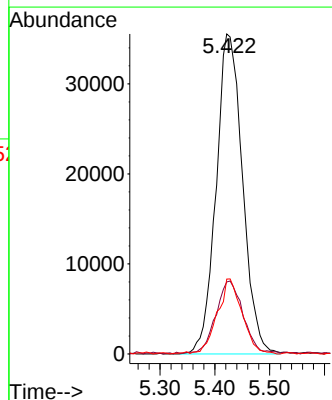
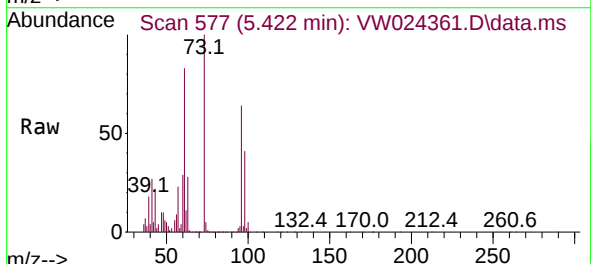
Instrument :
MSVOA_W
ClientSampleId :

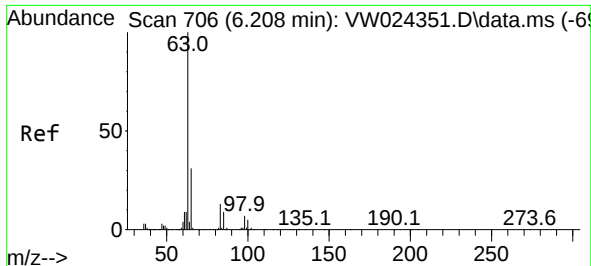
Tgt Ion: 96 Resp: 68452
Ion Ratio Lower Upper
96 100
61 130.9 92.1 171.1
98 64.2 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 23.319 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

Tgt Ion: 73 Resp: 119031
Ion Ratio Lower Upper
73 100
43 22.8 18.8 28.2
57 21.9 18.1 27.1





#19

1,1-Dichloroethane

Concen: 21.612 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

Instrument :

MSVOA_W

ClientSampleId :

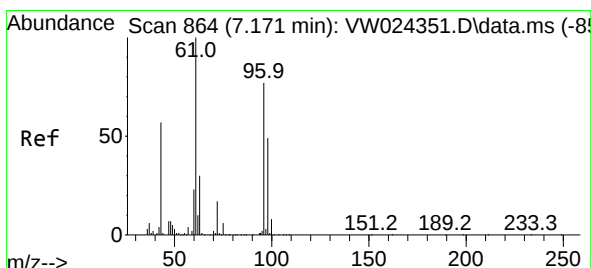
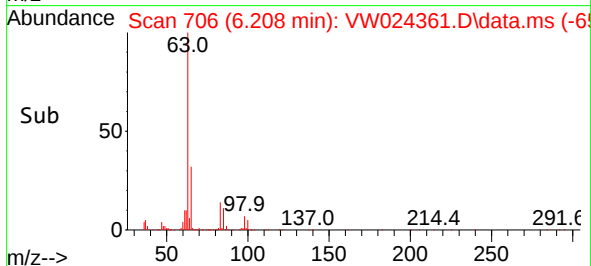
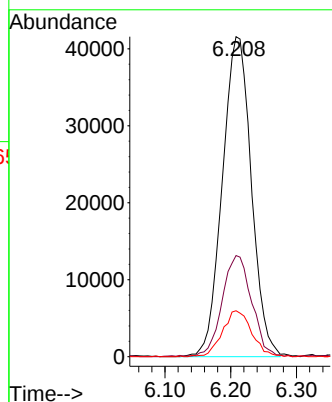
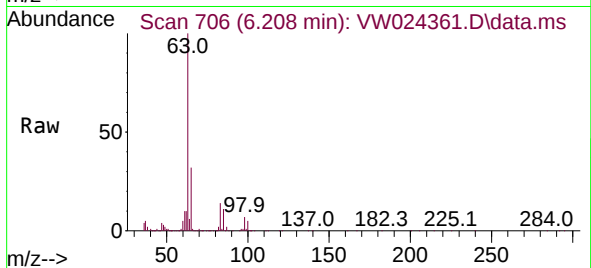
Tgt Ion: 63 Resp: 127404

Ion Ratio Lower Upper

63 100

65 31.6 23.6 43.8

83 14.3 10.4 19.4



#22

2-Butanone

Concen: 41.272 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW024361.D

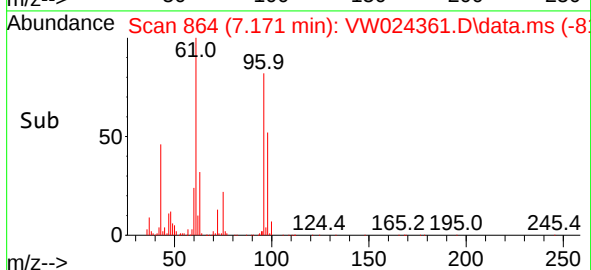
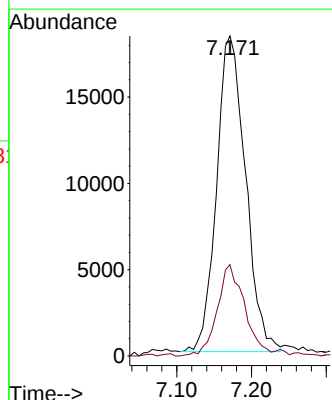
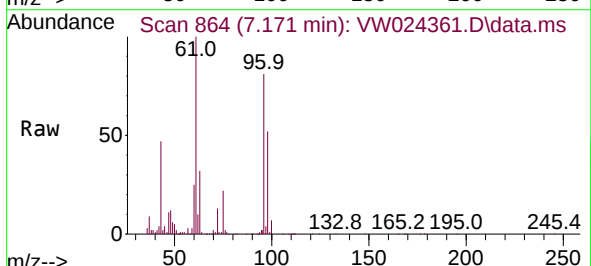
Acq: 26 Aug 2022 19:54

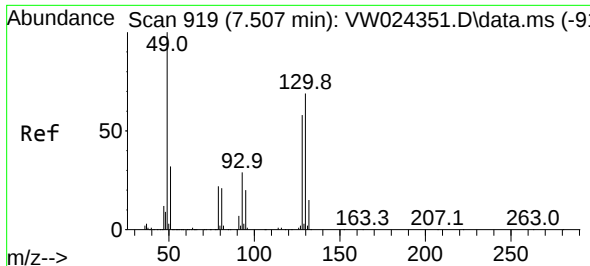
Tgt Ion: 43 Resp: 49196

Ion Ratio Lower Upper

43 100

72 26.6 13.9 41.6

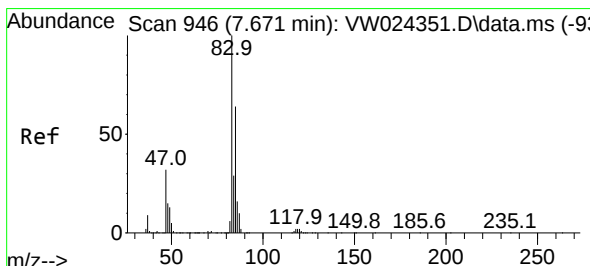
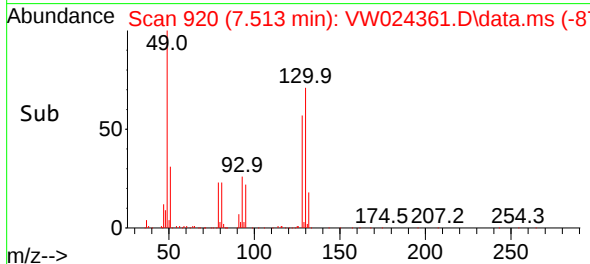
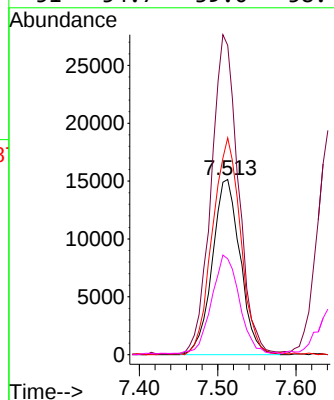
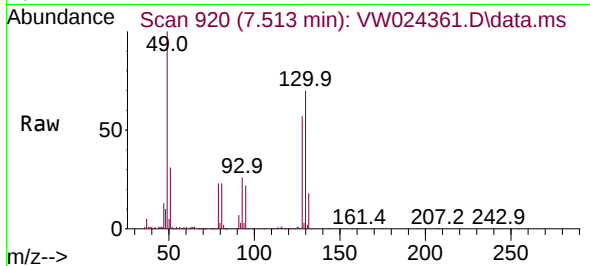




#23
Bromochloromethane
Concen: 22.347 ug/L
RT: 7.513 min Scan# 919
Delta R.T. 0.006 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

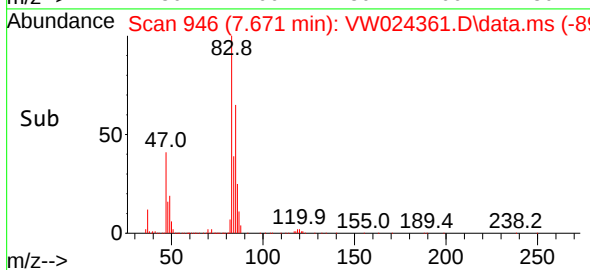
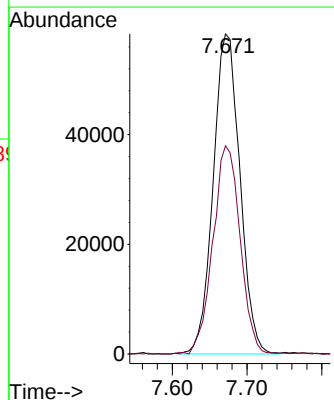
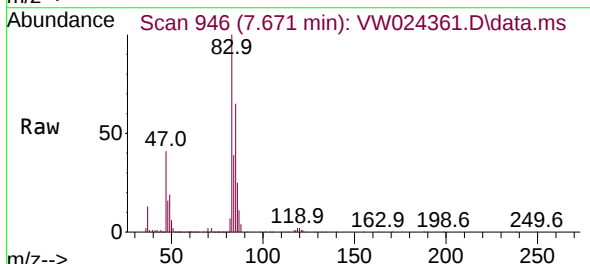
Instrument :
MSVOA_W
ClientSampleId :

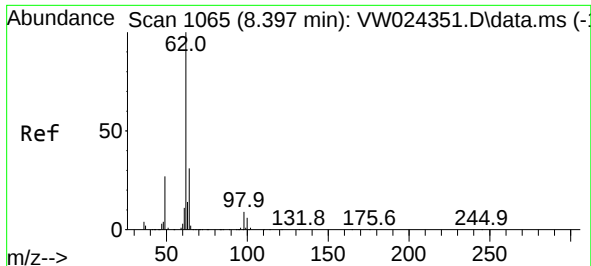
Tgt Ion:128 Resp: 37408
Ion Ratio Lower Upper
128 100
49 176.6 122.1 226.7
130 123.8 91.1 169.1
51 54.7 39.0 58.4



#25
Chloroform
Concen: 22.188 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

Tgt Ion: 83 Resp: 145121
Ion Ratio Lower Upper
83 100
85 65.1 47.5 88.1





#27

1,2-Dichloroethane

Concen: 22.814 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

Instrument :

MSVOA_W

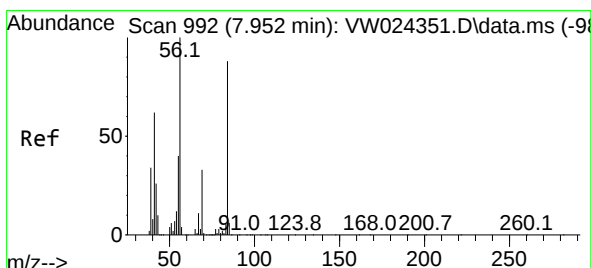
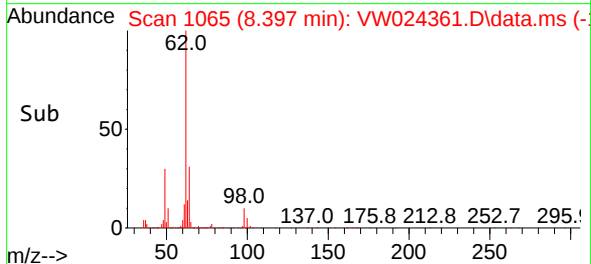
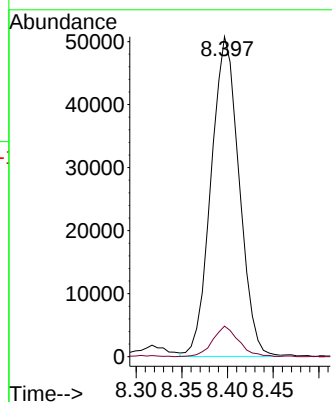
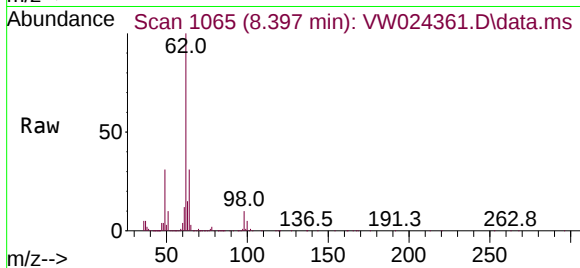
ClientSampleId :

Tgt Ion: 62 Resp: 108616

Ion Ratio Lower Upper

62 100

98 9.6 6.7 10.1



#29

Cyclohexane

Concen: 19.311 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

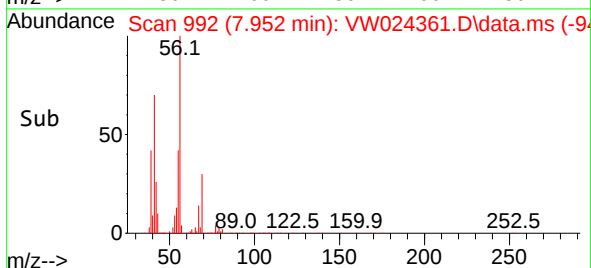
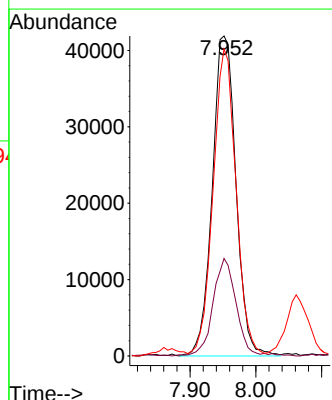
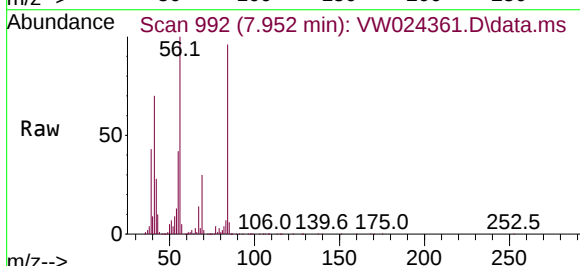
Tgt Ion: 56 Resp: 105006

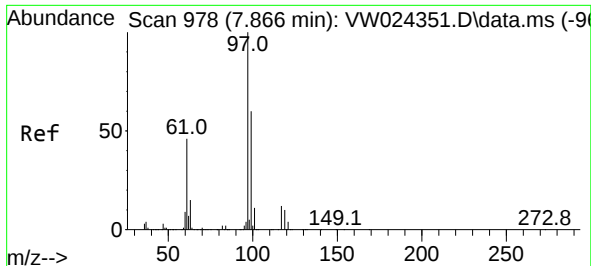
Ion Ratio Lower Upper

56 100

69 29.8 23.5 35.3

84 92.7 72.2 108.4





#30

1,1,1-Trichloroethane

Concen: 18.585 ug/L

RT: 7.866 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

Instrument :

MSVOA_W

ClientSampleId :

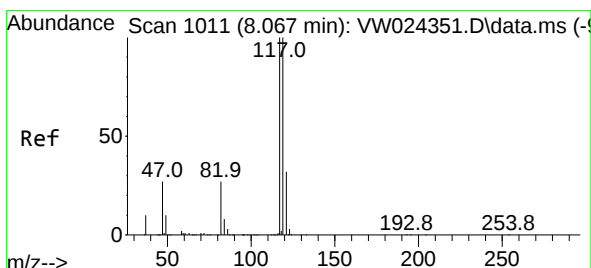
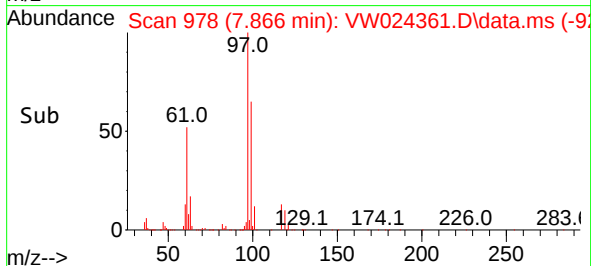
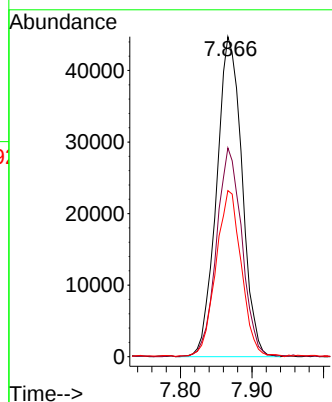
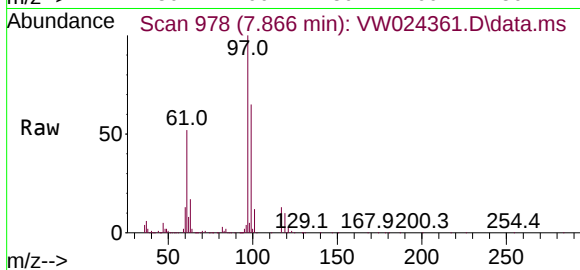
Tgt Ion: 97 Resp: 110512

Ion Ratio Lower Upper

97 100

99 65.1 50.2 75.2

61 51.7 40.2 60.4



#31

Carbon tetrachloride

Concen: 18.040 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. -0.006 min

Lab File: VW024361.D

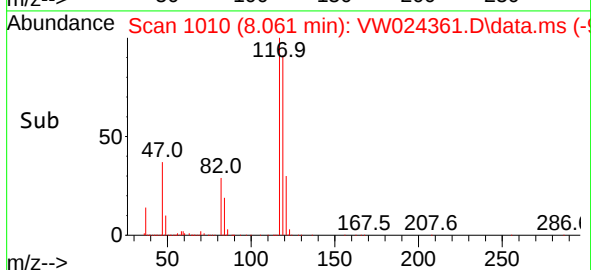
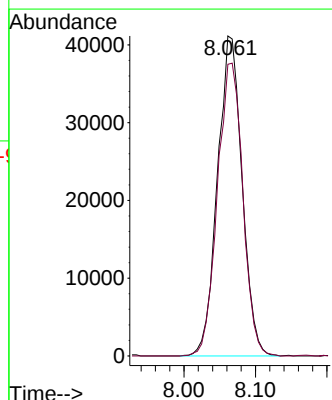
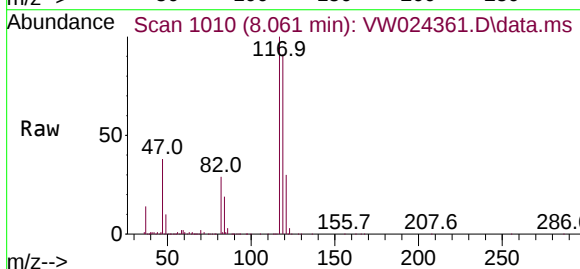
Acq: 26 Aug 2022 19:54

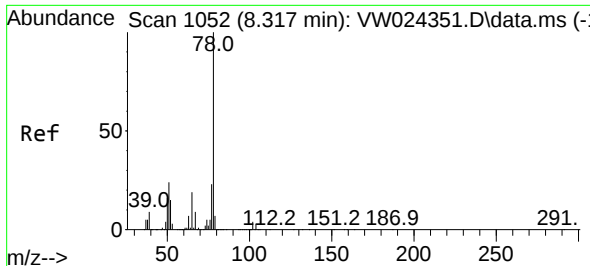
Tgt Ion: 117 Resp: 98139

Ion Ratio Lower Upper

117 100

119 94.4 75.9 113.9

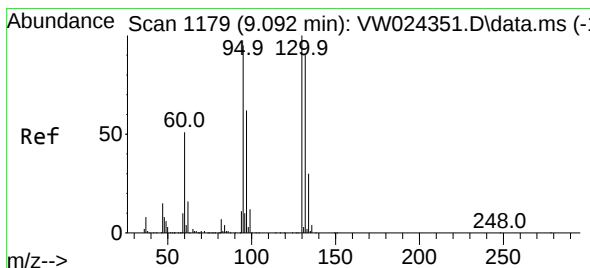
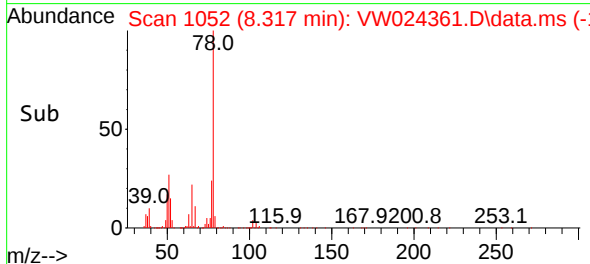
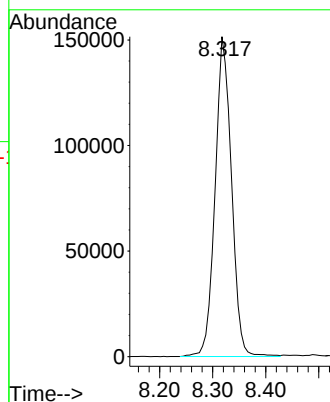
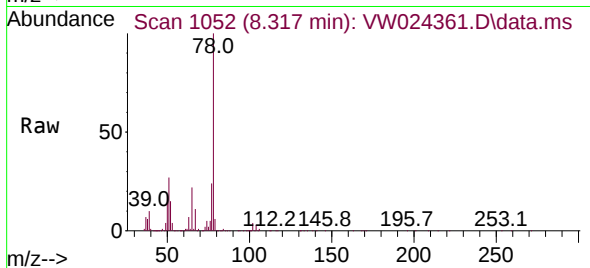




#33
Benzene
Concen: 20.714 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

Instrument :
MSVOA_W
ClientSampleId :

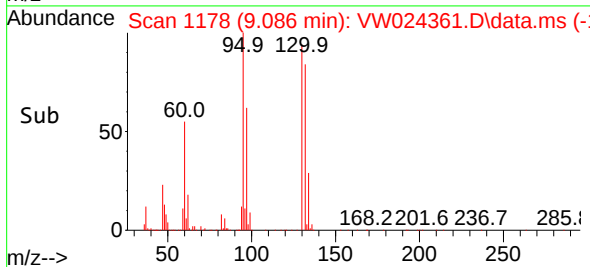
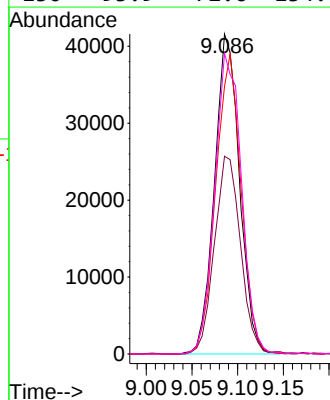
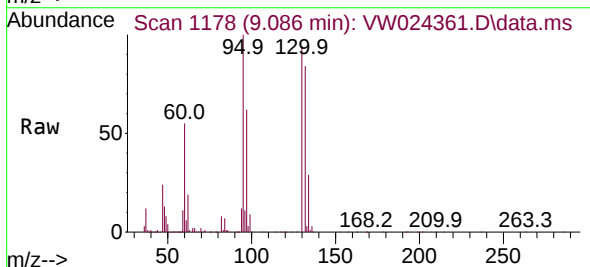
Tgt Ion: 78 Resp: 325271

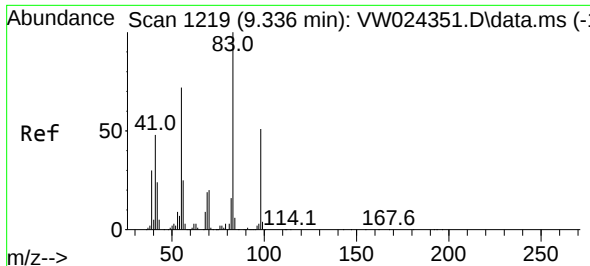


#34
Trichloroethene
Concen: 19.111 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

Tgt Ion: 95 Resp: 79097

Ion	Ratio	Lower	Upper
95	100		
97	61.8	48.4	89.8
132	83.7	68.6	127.4
130	93.9	72.6	134.8

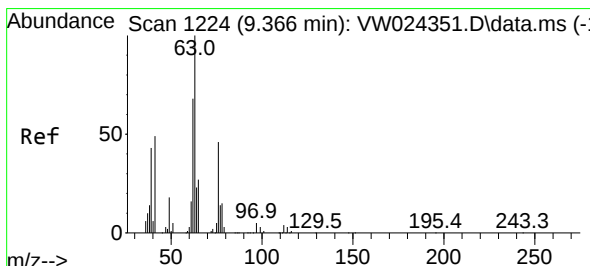
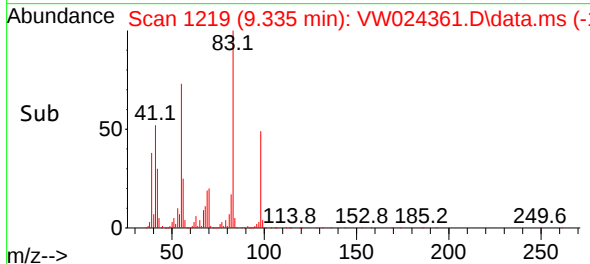
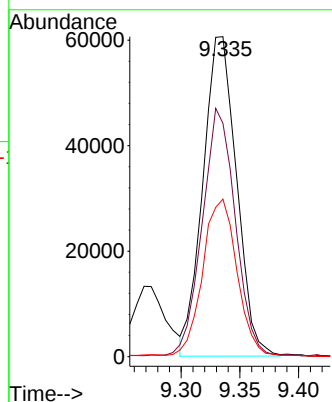
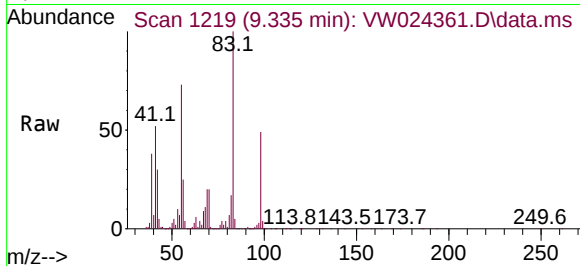




#35
Methylcyclohexane
Concen: 18.157 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

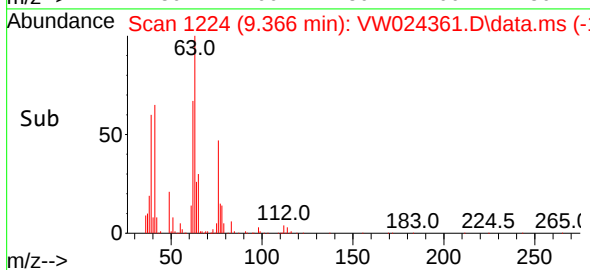
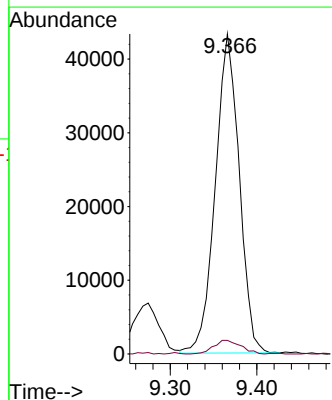
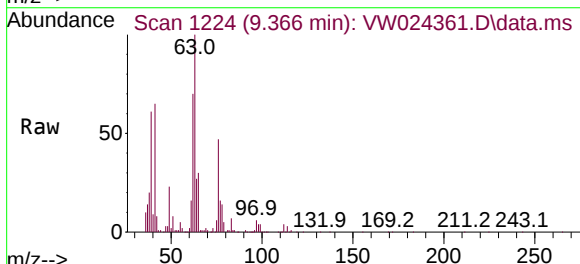
Instrument :
MSVOA_W
ClientSampleId :

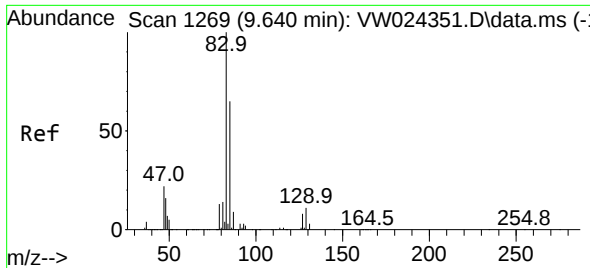
Tgt Ion: 83 Resp: 120567
Ion Ratio Lower Upper
83 100
55 76.7 60.1 90.1
98 49.7 40.5 60.7



#37
1,2-Dichloropropane
Concen: 20.488 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

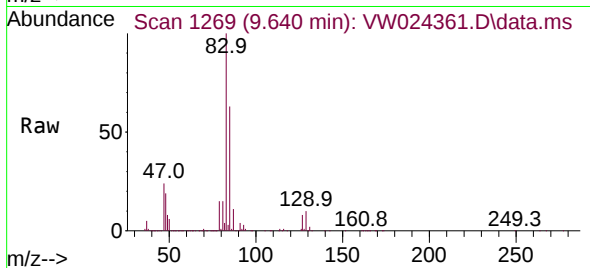
Tgt Ion: 63 Resp: 83027
Ion Ratio Lower Upper
63 100
112 4.9 3.4 5.0



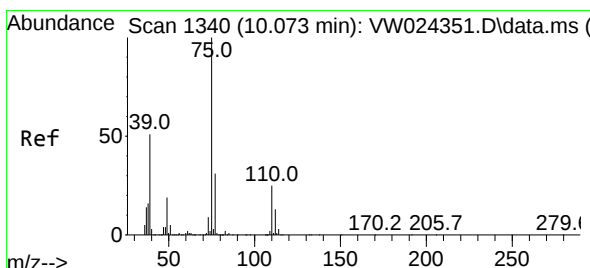
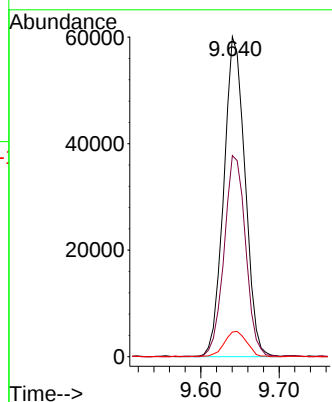
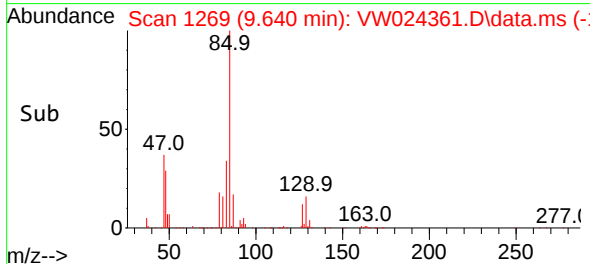


#38
Bromodichloromethane
Concen: 20.576 ug/L
RT: 9.640 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

Instrument :
MSVOA_W
ClientSampleId :

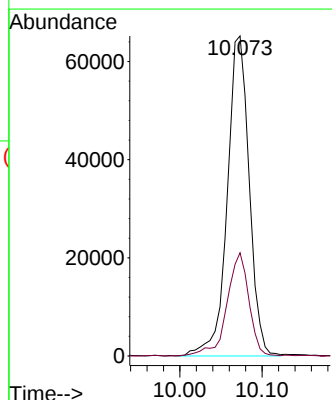
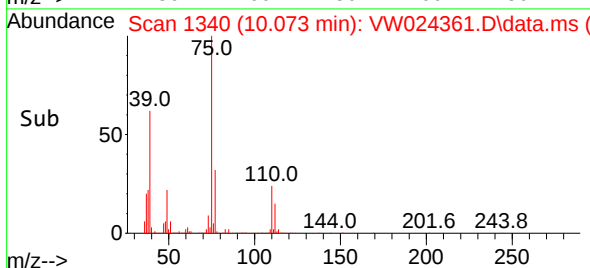
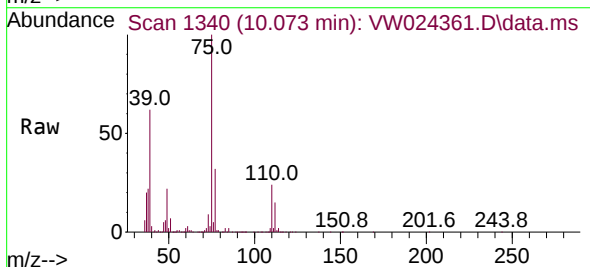


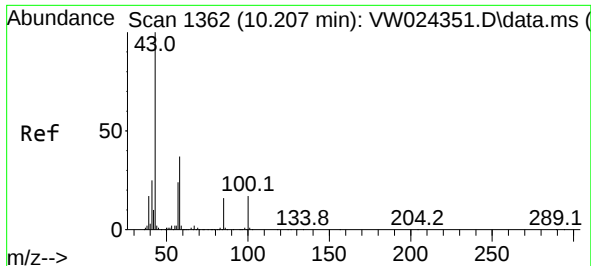
Tgt Ion: 83 Resp: 113552
Ion Ratio Lower Upper
83 100
85 62.8 46.3 85.9
127 7.7 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 21.402 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

Tgt Ion: 75 Resp: 121236
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 42.357 ug/L

RT: 10.207 min Scan# 11

Delta R.T. -0.000 min

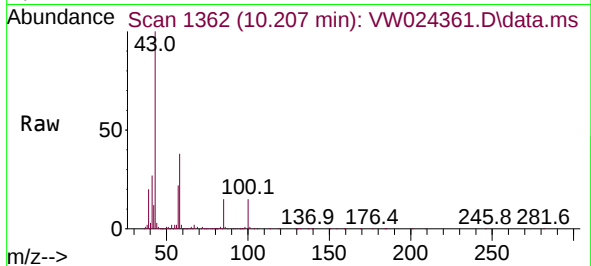
Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

Instrument :

MSVOA_W

ClientSampleId :



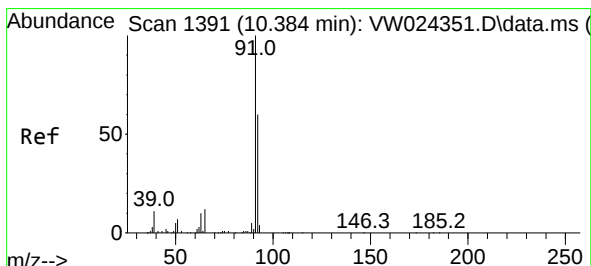
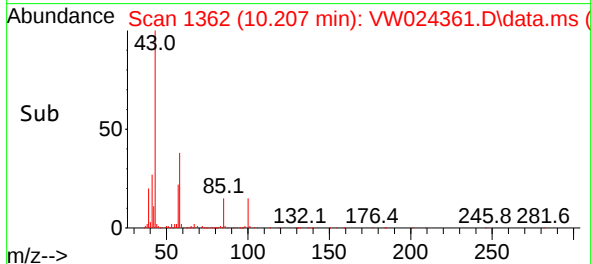
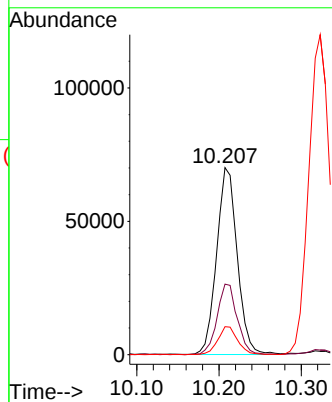
Tgt Ion: 43 Resp: 122057

Ion Ratio Lower Upper

43 100

58 36.6 29.4 44.2

100 14.6 11.8 17.8



#42

Toluene

Concen: 22.476 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024361.D

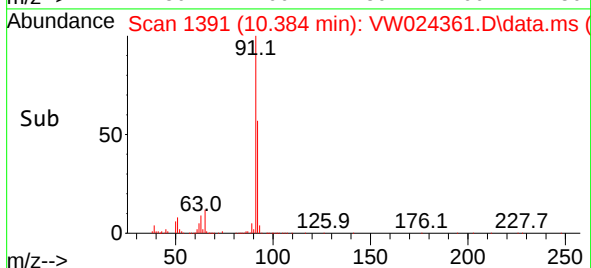
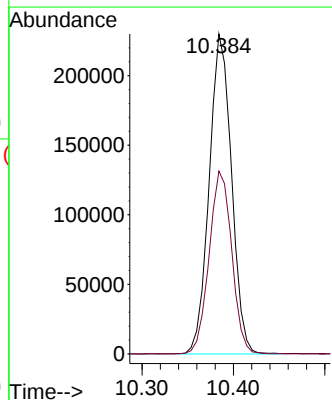
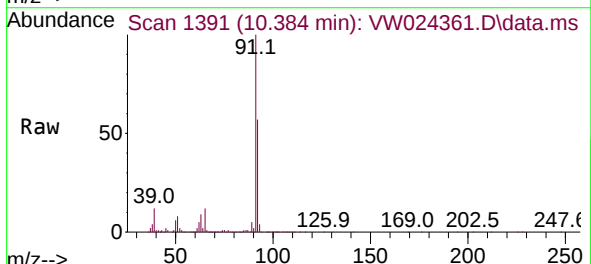
Acq: 26 Aug 2022 19:54

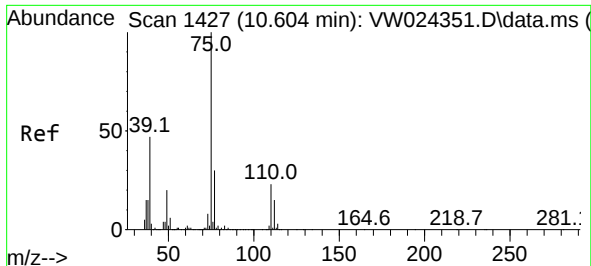
Tgt Ion: 91 Resp: 389508

Ion Ratio Lower Upper

91 100

92 57.2 40.0 74.4

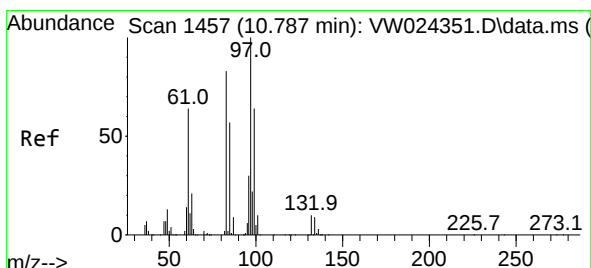
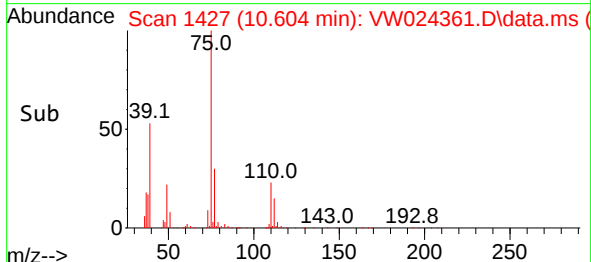
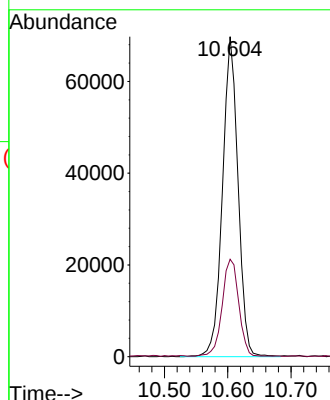
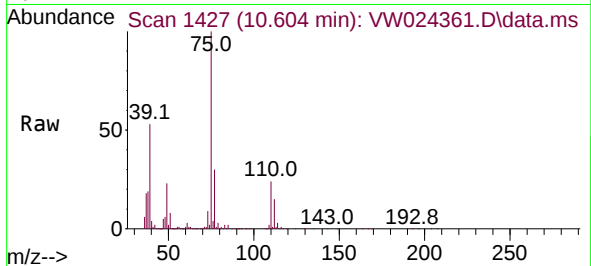




#44
trans-1,3-Dichloropropene
Concen: 21.518 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

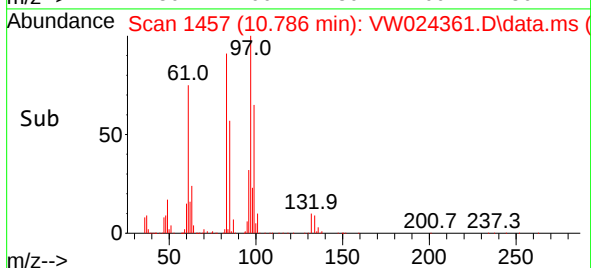
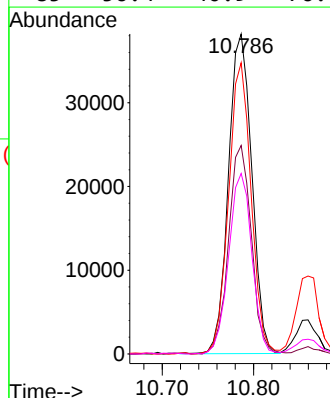
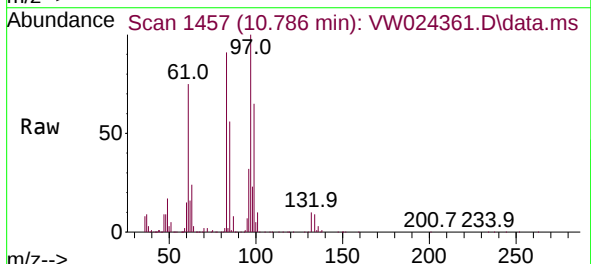
Instrument :
MSVOA_W
ClientSampleId :

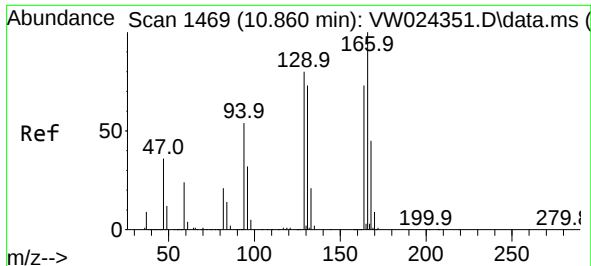
Tgt Ion: 75 Resp: 118445
Ion Ratio Lower Upper
75 100
77 30.4 21.1 39.1



#45
1,1,2-Trichloroethane
Concen: 20.546 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

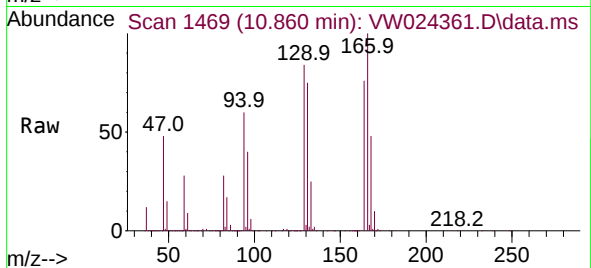
Tgt Ion: 97 Resp: 67897
Ion Ratio Lower Upper
97 100
99 65.2 40.4 75.0
83 91.0 60.1 111.5
85 56.4 40.9 76.0



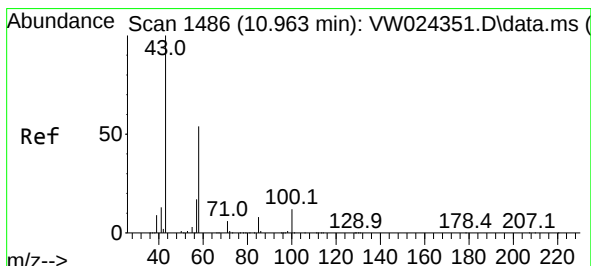
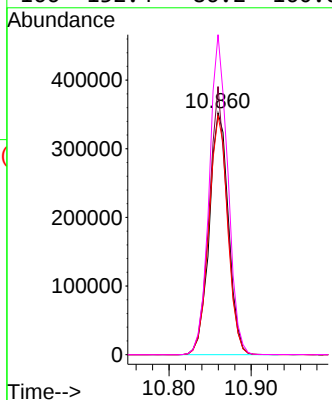
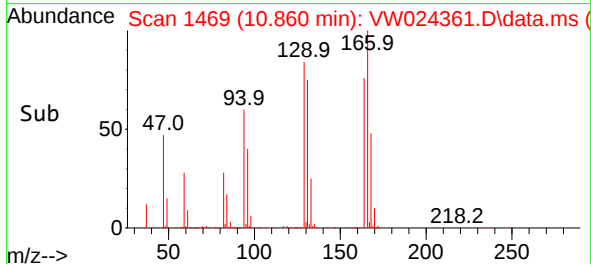


#46
Tetrachloroethene
Concen: 178.172 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

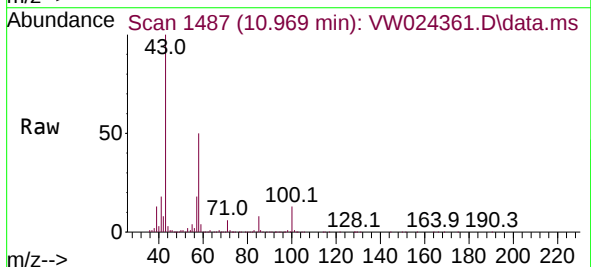
Instrument :
MSVOA_W
ClientSampleId :



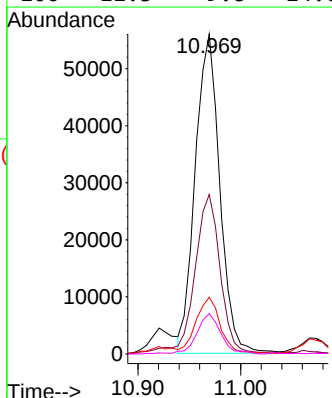
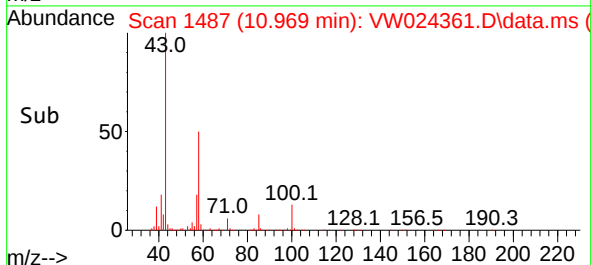
Tgt Ion:	164	Resp:	572696
Ion	Ratio	Lower	Upper
164	100		
129	111.0	72.9	135.3
131	98.8	63.7	118.3
166	132.4	86.2	160.0

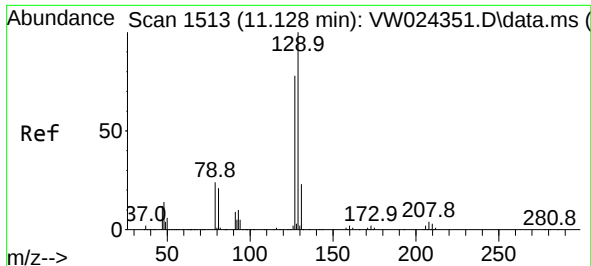


#48
2-Hexanone
Concen: 43.868 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54



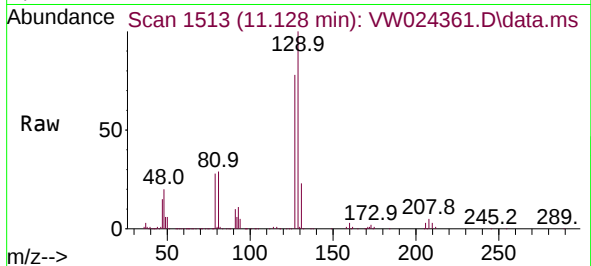
Tgt Ion:	43	Resp:	93242
Ion	Ratio	Lower	Upper
43	100		
58	49.8	40.6	61.0
57	17.9	14.2	21.2
100	11.3	9.8	14.6



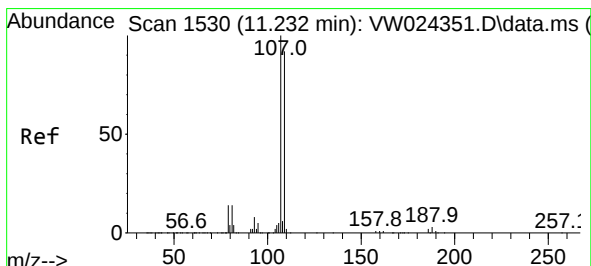
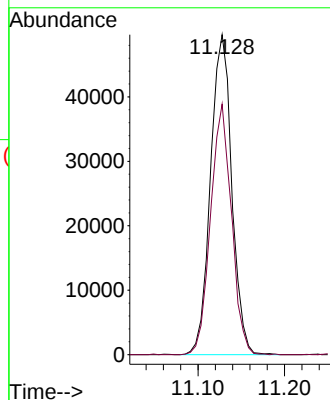
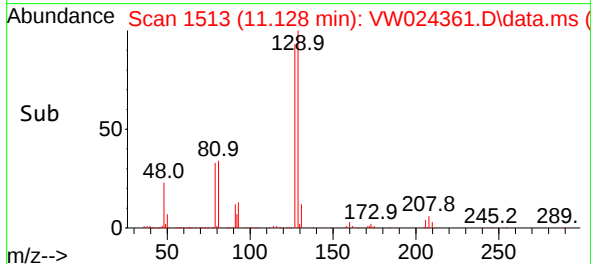


#49
Dibromochloromethane
Concen: 21.674 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

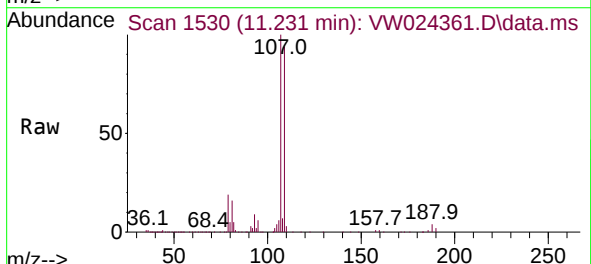
Instrument :
MSVOA_W
ClientSampleId :



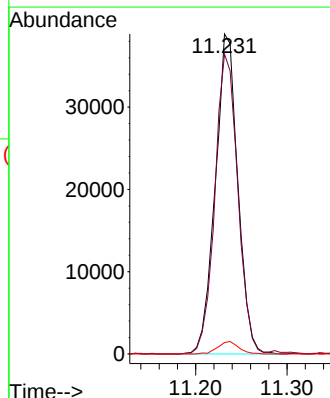
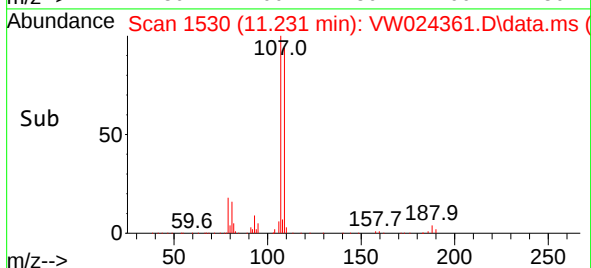
Tgt Ion:129 Resp: 84714
Ion Ratio Lower Upper
129 100
127 78.3 54.6 101.4

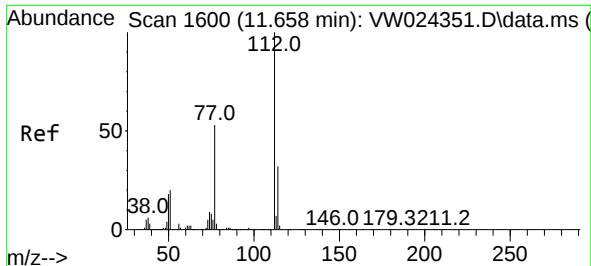


#50
1,2-Dibromoethane
Concen: 20.985 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54



Tgt Ion:107 Resp: 66670
Ion Ratio Lower Upper
107 100
109 93.7 70.1 130.1
188 3.6 2.6 3.8

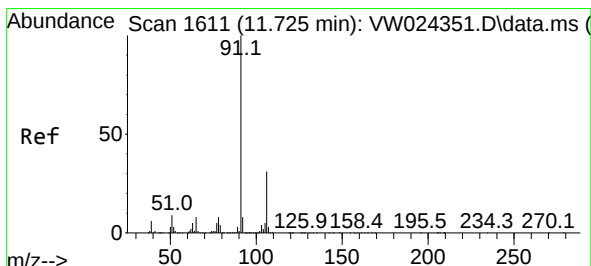
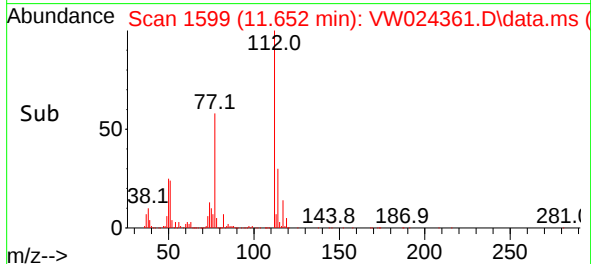
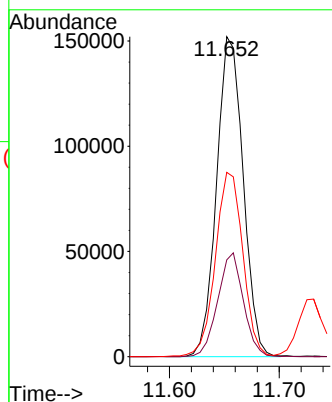
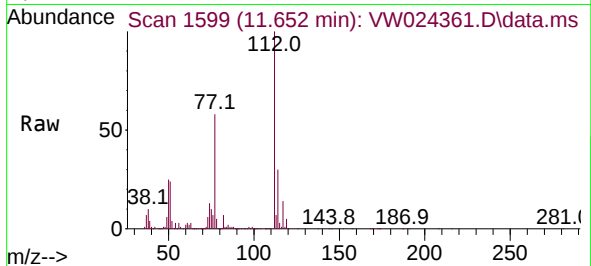




#51
Chlorobenzene
Concen: 22.063 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

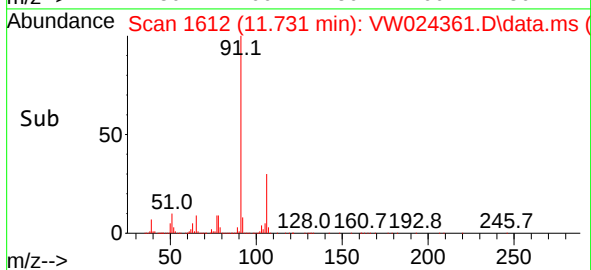
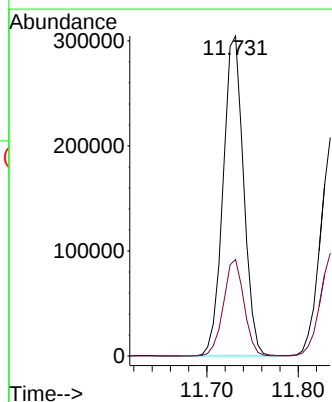
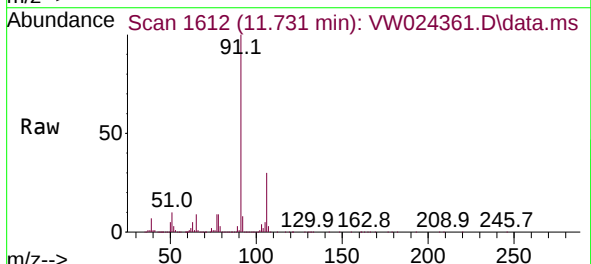
Instrument :
MSVOA_W
ClientSampleId :

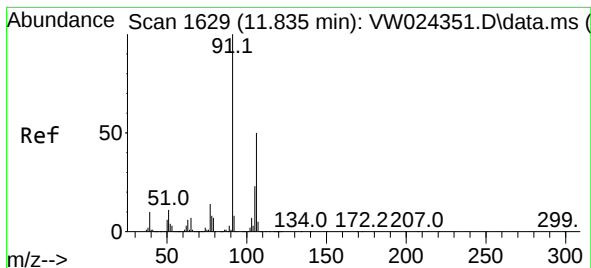
Tgt Ion:112 Resp: 256627
Ion Ratio Lower Upper
112 100
114 30.3 22.3 41.3
77 57.6 44.1 66.1



#52
Ethylbenzene
Concen: 24.771 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

Tgt Ion: 91 Resp: 474592
Ion Ratio Lower Upper
91 100
106 30.1 22.7 42.3





#53

m,p-Xylene

Concen: 24.799 ug/L

RT: 11.841 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

Instrument :

MSVOA_W

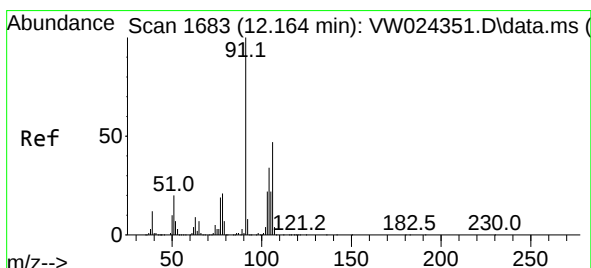
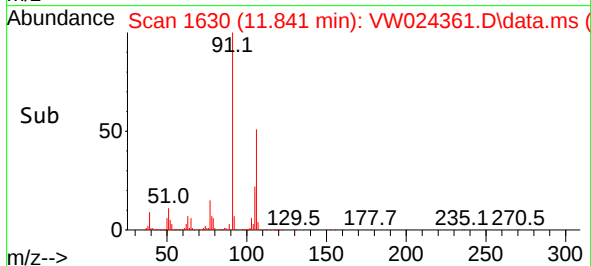
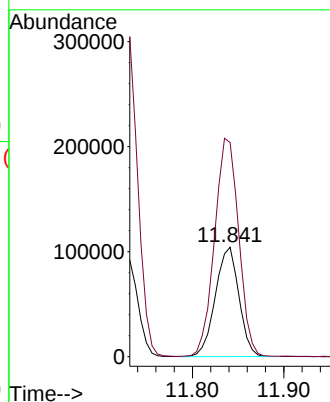
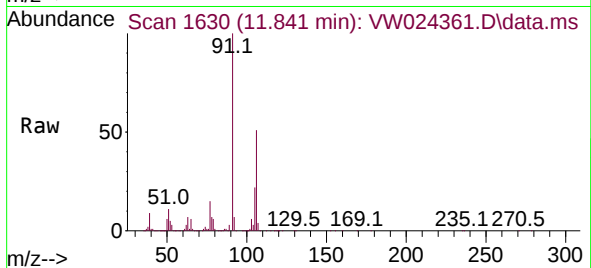
ClientSampleId :

Tgt Ion:106 Resp: 186596

Ion Ratio Lower Upper

106 100

91 195.6 144.3 267.9



#54

o-Xylene

Concen: 26.236 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW024361.D

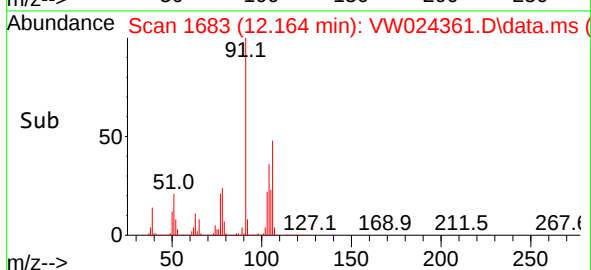
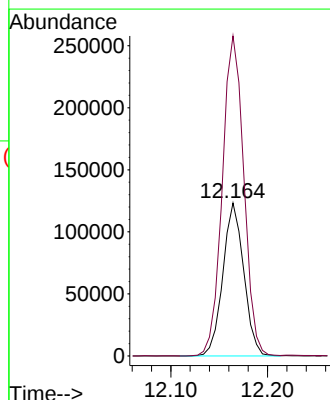
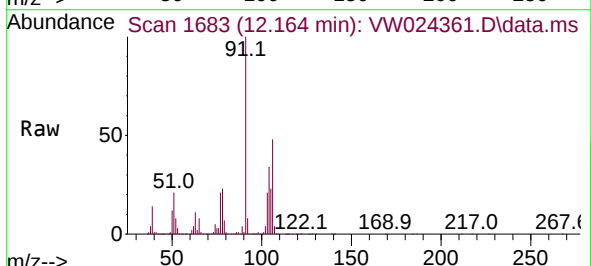
Acq: 26 Aug 2022 19:54

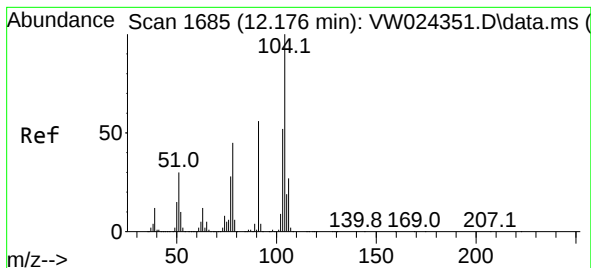
Tgt Ion:106 Resp: 184539

Ion Ratio Lower Upper

106 100

91 209.2 152.1 282.5





#55

Styrene

Concen: 28.825 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

Instrument :

MSVOA_W

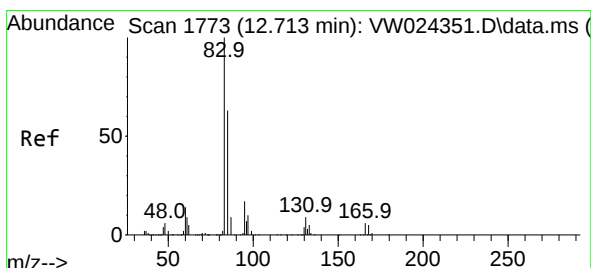
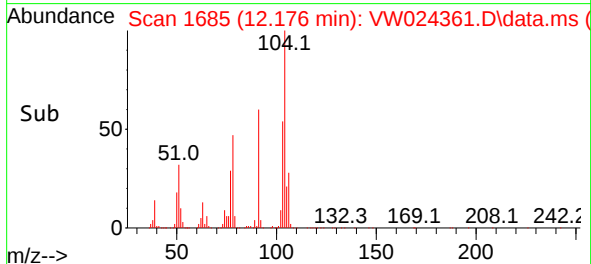
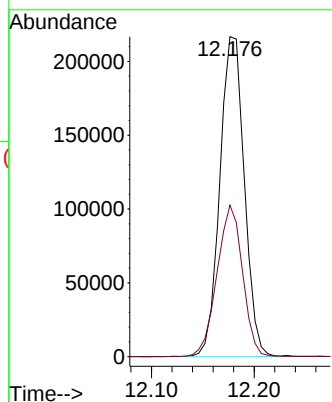
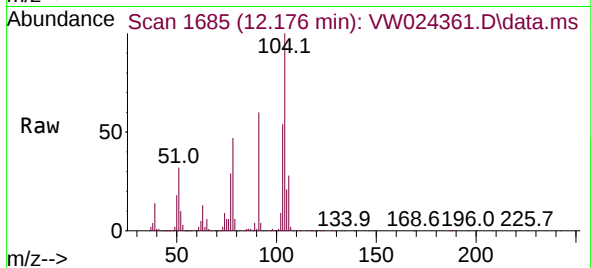
ClientSampleId :

Tgt Ion:104 Resp: 358392

Ion Ratio Lower Upper

104 100

78 47.4 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 24.093 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

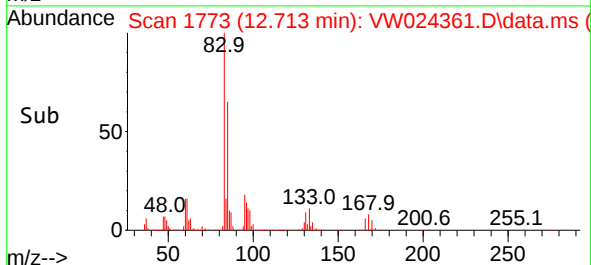
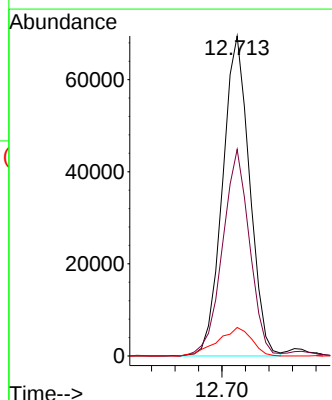
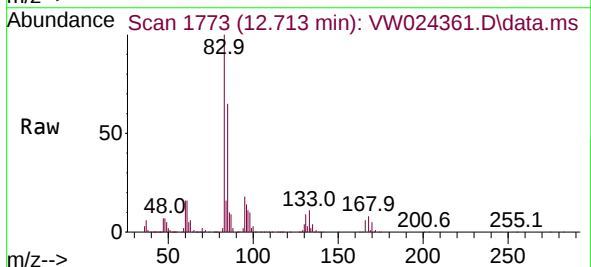
Tgt Ion: 83 Resp: 111135

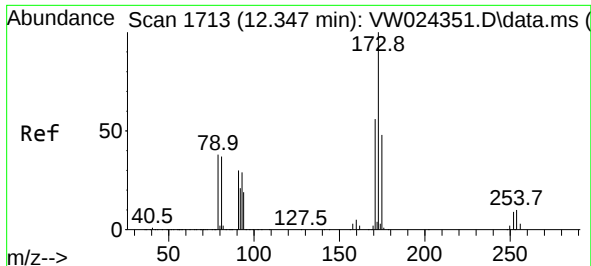
Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.5

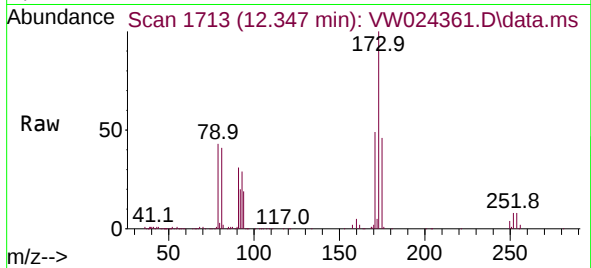
131 8.9 8.4 12.6



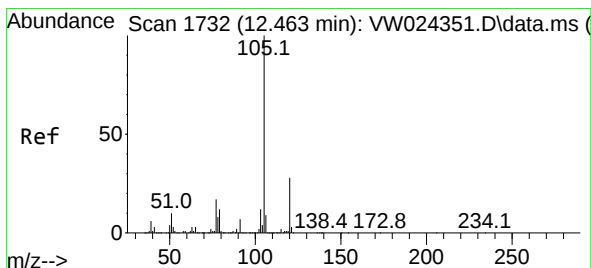
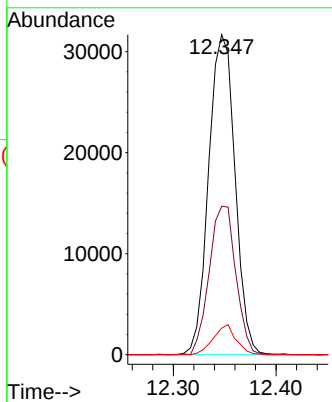
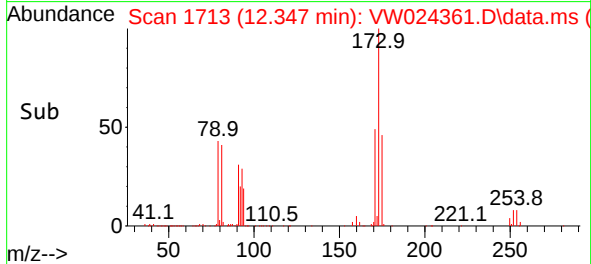


#59
Bromoform
Concen: 22.003 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

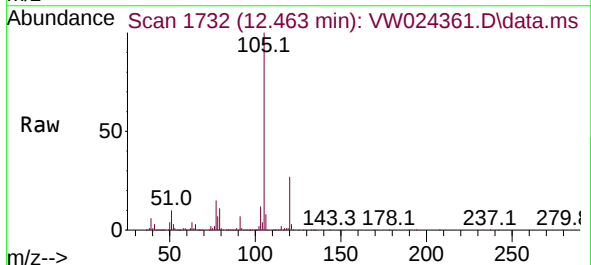
Instrument :
MSVOA_W
ClientSampleId :



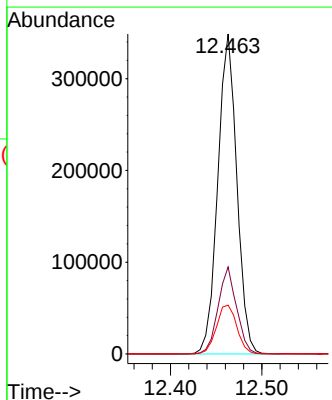
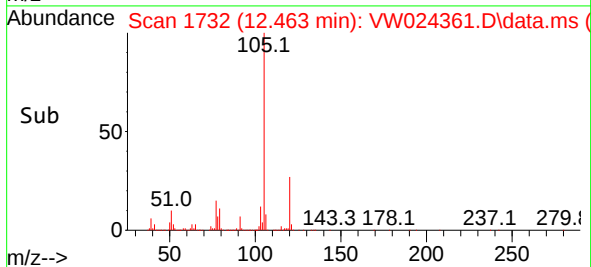
Tgt Ion:173 Resp: 56460
Ion Ratio Lower Upper
173 100
175 46.8 39.8 59.6
254 8.1 6.8 10.2

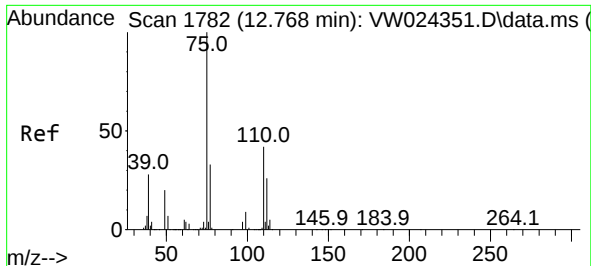


#60
Isopropylbenzene
Concen: 23.789 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54



Tgt Ion:105 Resp: 505205
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 16.4 13.0 19.6





#61

1,2,3-Trichloropropane

Concen: 20.711 ug/L

RT: 12.768 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024361.D

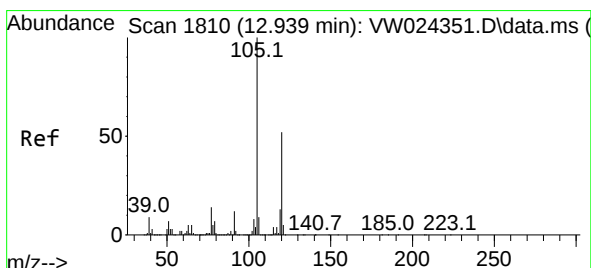
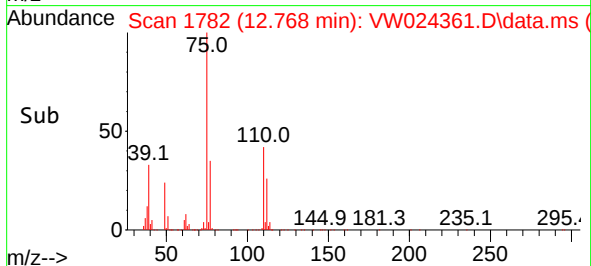
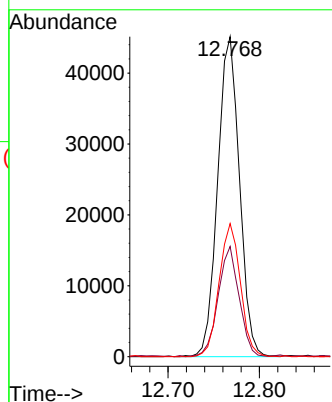
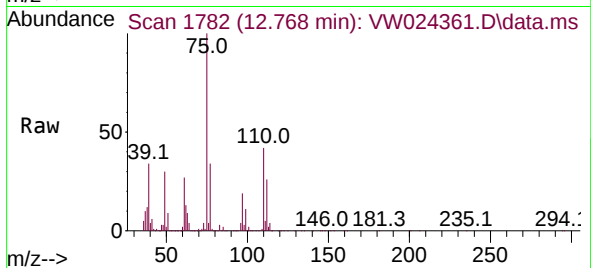
Acq: 26 Aug 2022 19:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	74890
Ion Ratio	Lower	Upper	
75	100		
77	33.1	26.5	39.7
110	40.6	33.8	50.8



#62

1,3,5-Trimethylbenzene

Concen: 24.111 ug/L

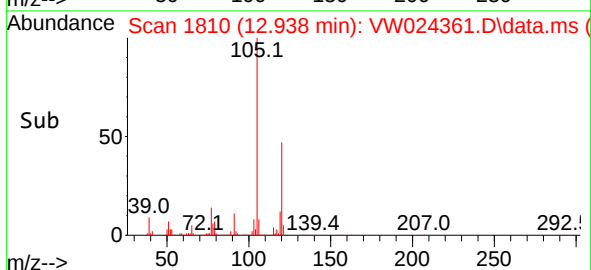
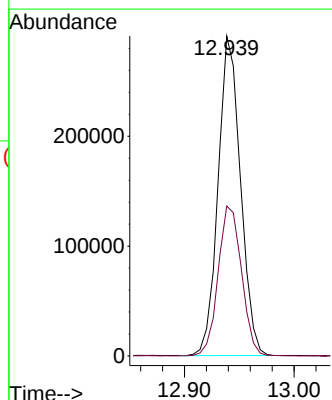
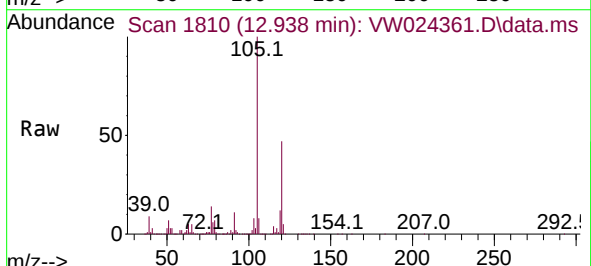
RT: 12.938 min Scan# 1810

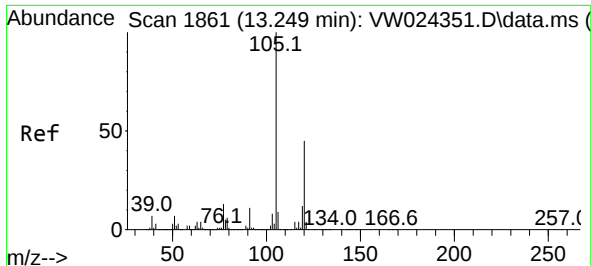
Delta R.T. -0.000 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

Tgt Ion:	105	Resp:	412880
Ion Ratio	Lower	Upper	
105	100		
120	49.1	38.4	57.6





#63

1,2,4-Trimethylbenzene

Concen: 25.266 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

Instrument :

MSVOA_W

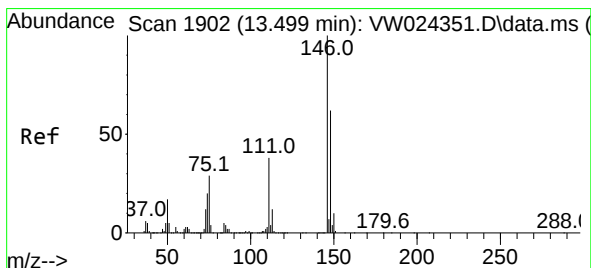
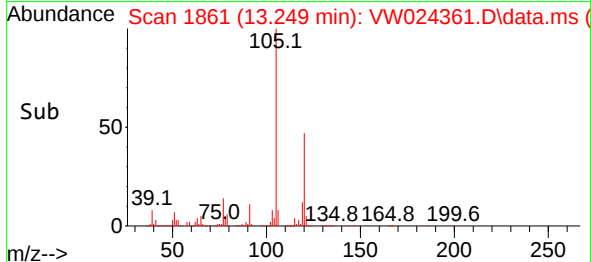
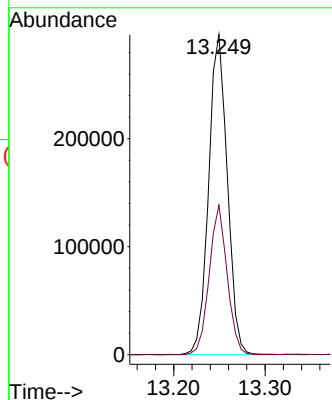
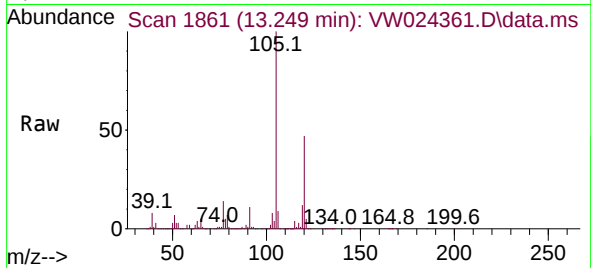
ClientSampleId :

Tgt Ion:105 Resp: 420257

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.2



#64

1,3-Dichlorobenzene

Concen: 21.476 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

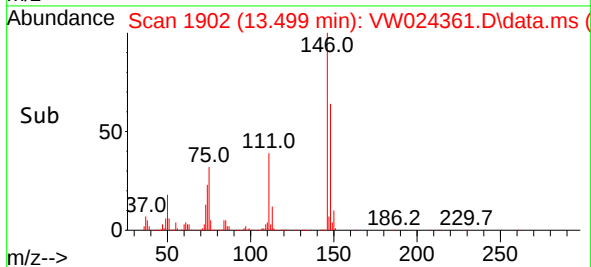
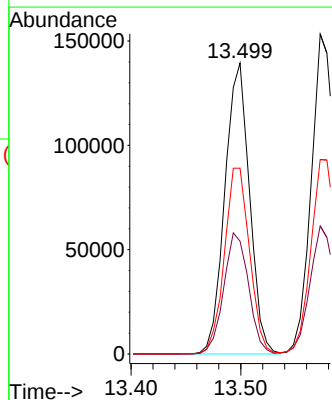
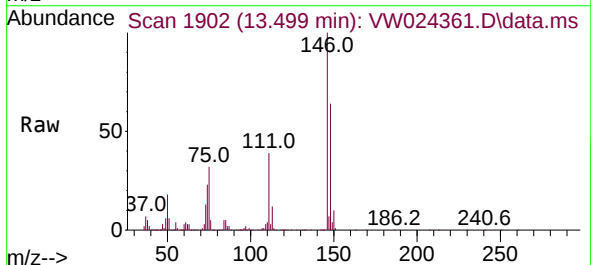
Tgt Ion:146 Resp: 218065

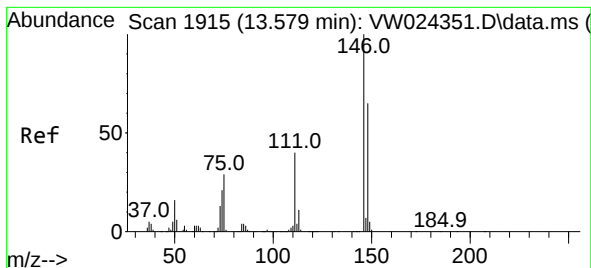
Ion Ratio Lower Upper

146 100

111 38.8 27.0 50.2

148 63.8 44.9 83.3





#65

1,4-Dichlorobenzene

Concen: 22.227 ug/L

RT: 13.573 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

Instrument :

MSVOA_W

ClientSampleId :

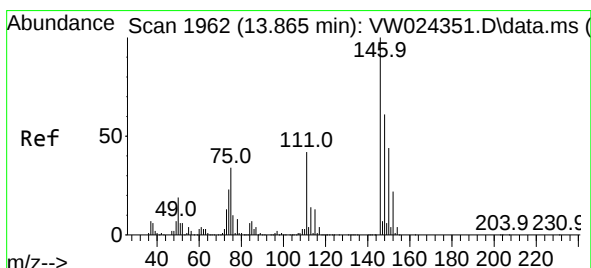
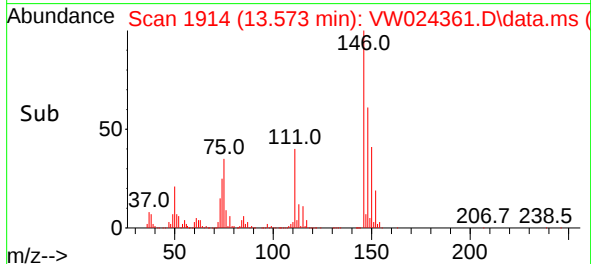
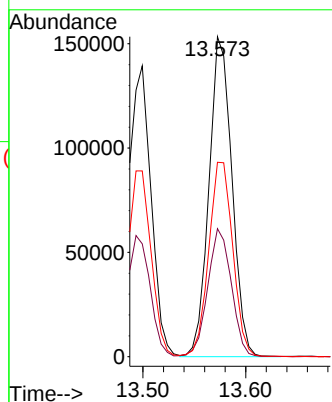
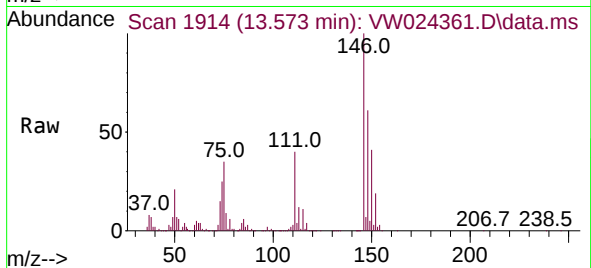
Tgt Ion:146 Resp: 238276

Ion Ratio Lower Upper

146 100

111 40.0 27.7 51.5

148 60.8 46.5 86.5



#67

1,2-Dichlorobenzene

Concen: 23.435 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

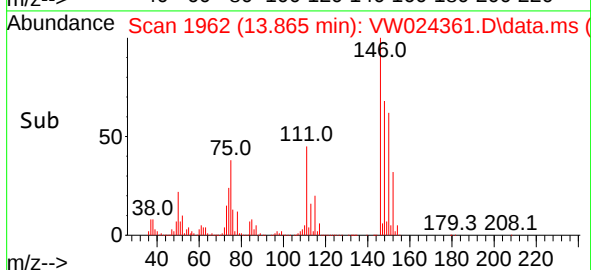
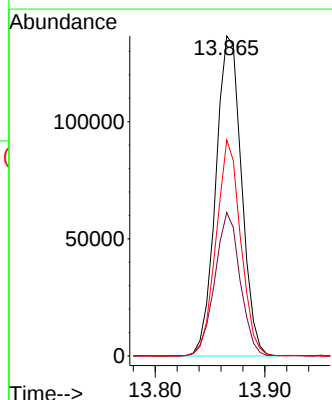
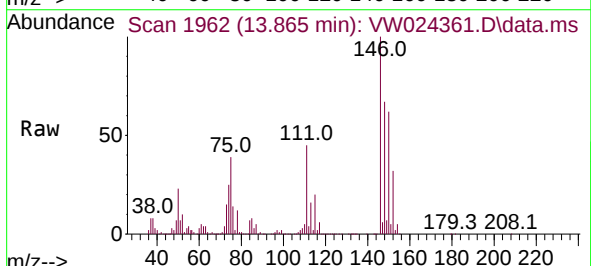
Tgt Ion:146 Resp: 223055

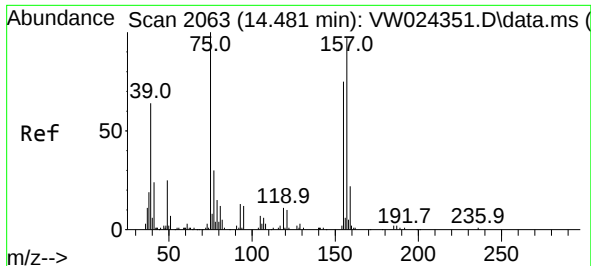
Ion Ratio Lower Upper

146 100

111 44.8 34.5 51.7

148 67.5 50.6 75.8

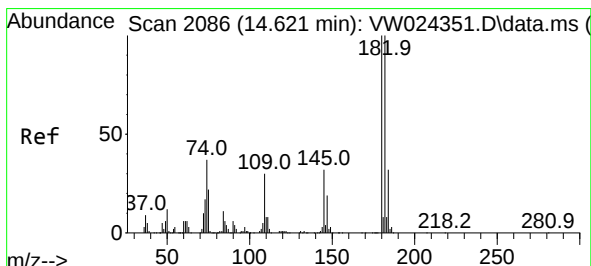
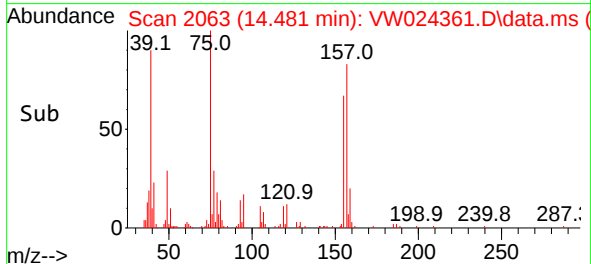
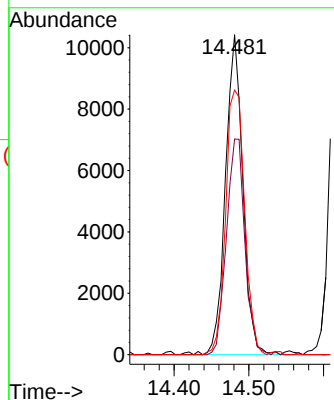
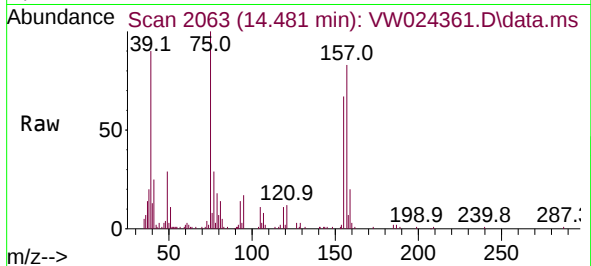




#68
1,2-Dibromo-3-chloropropane
Concen: 18.543 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

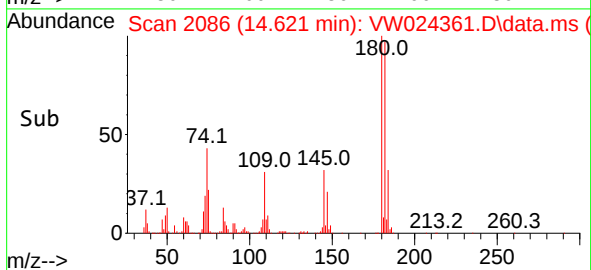
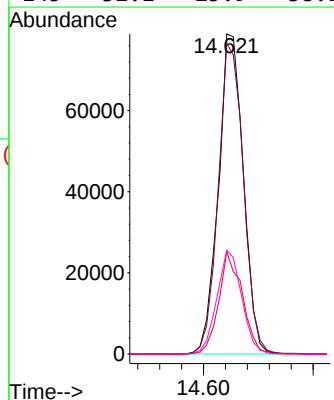
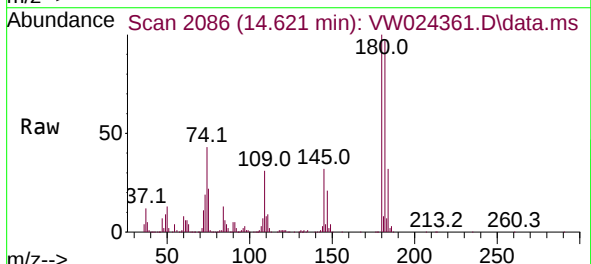
Instrument :
MSVOA_W
ClientSampleId :

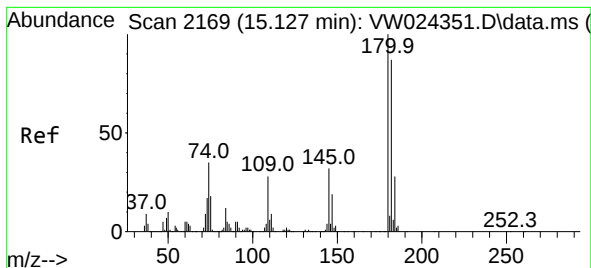
Tgt Ion: 75 Resp: 16846
Ion Ratio Lower Upper
75 100
155 67.4 63.9 95.9
157 82.7 72.2 108.4



#69
1,3,5-Trichlorobenzene
Concen: 19.049 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VW024361.D
Acq: 26 Aug 2022 19:54

Tgt Ion:180 Resp: 124843
Ion Ratio Lower Upper
180 100
182 97.8 76.6 114.8
184 30.0 24.5 36.7
145 32.1 25.9 38.9





#70

1,2,4-trichlorobenzene

Concen: 19.117 ug/L

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW024361.D

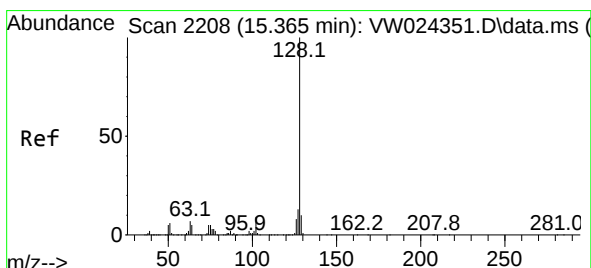
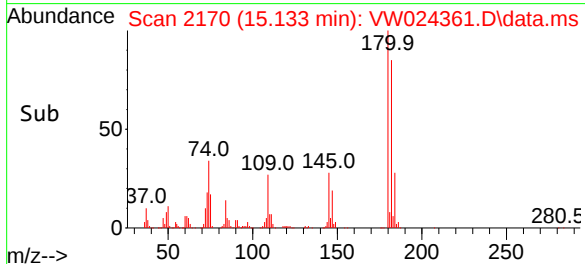
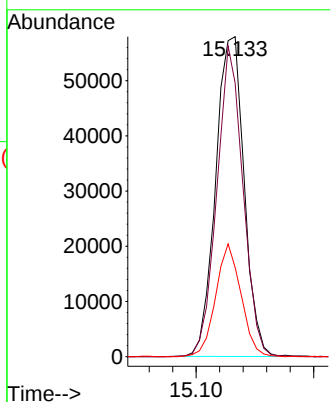
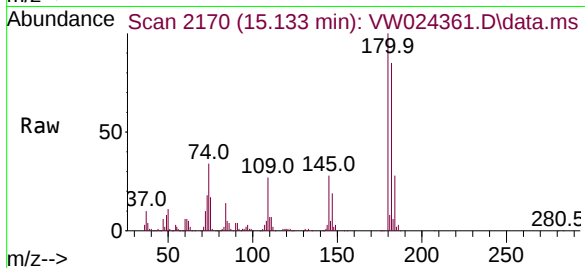
Acq: 26 Aug 2022 19:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180	Resp:	97393
Ion Ratio	Lower	Upper
180	100	
182	89.3	72.6 109.0
145	31.4	26.2 39.2



#71

Naphthalene

Concen: 18.857 ug/L

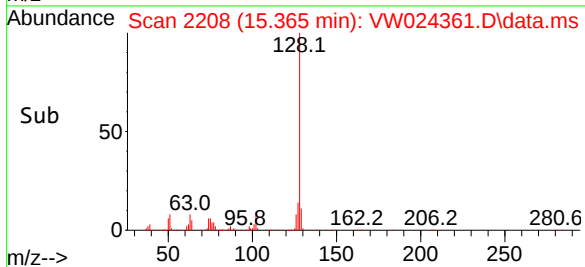
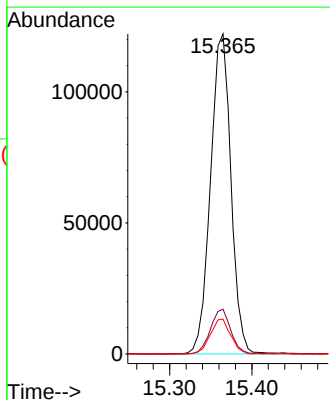
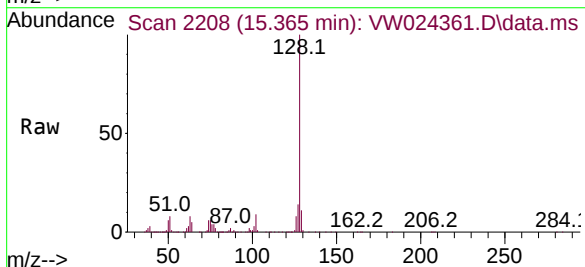
RT: 15.365 min Scan# 2208

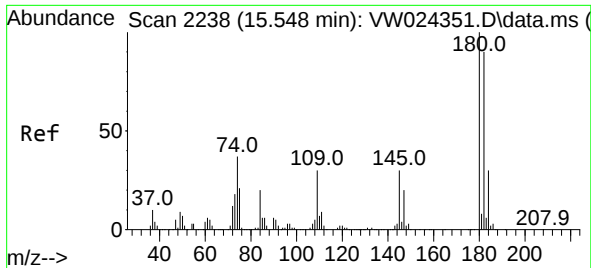
Delta R.T. -0.000 min

Lab File: VW024361.D

Acq: 26 Aug 2022 19:54

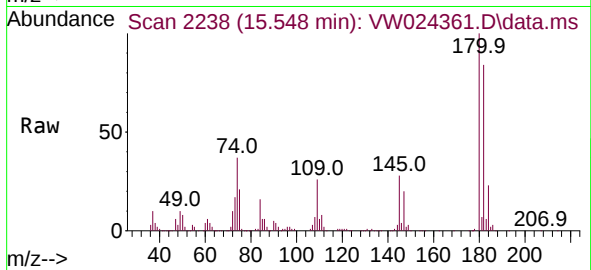
Tgt Ion:128	Resp:	210992
Ion Ratio	Lower	Upper
128	100	
127	13.9	10.5 15.7
129	10.8	8.3 12.5





#72
 1,2,3-Trichlorobenzene
 Concen: 19.699 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW024361.D
 Acq: 26 Aug 2022 19:54

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	94850
Ion Ratio	Lower	Upper	
180	100		
182	90.5	74.6	111.8
145	31.2	26.6	40.0

