

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024432.D
 Acq On : 28 Aug 2022 08:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 05:02:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 04:56:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	324498	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	320266	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	173734	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	170233	19.031	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	76.120%	
7) Chloroethane-d5	2.873	69	140879	21.020	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	84.080%	
11) 1,1-Dichloroethene-d2	4.007	63	186682	24.064	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	96.240%	
21) 2-Butanone-d5	7.074	46	81503	49.468	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	98.940%	
24) Chloroform-d	7.641	84	271925	26.066	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	104.280%	
26) 1,2-Dichloroethane-d4	8.299	65	160617	25.388	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.560%	
32) Benzene-d6	8.269	84	486609	26.519	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	106.080%	
36) 1,2-Dichloropropane-d6	9.268	67	156864	27.488	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	109.960%	
41) Toluene-d8	10.317	98	447299	25.638	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	102.560%	
43) trans-1,3-Dichloroprop...	10.573	79	59921	22.438	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	89.760%	
47) 2-Hexanone-d5	10.921	63	66023	51.700	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	103.400%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	164053	25.391	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	101.560%	
66) 1,2-Dichlorobenzene-d4	13.853	152	177408	27.117	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	108.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	51327	15.792	ug/L	100
3) Chloromethane	2.209	50	139347	22.948	ug/L	98
5) Vinyl chloride	2.355	62	213301	20.094	ug/L	98
6) Bromomethane	2.764	94	144945	19.453	ug/L	95
8) Chloroethane	2.904	64	118617	21.391	ug/L	97
9) Trichlorofluoromethane	3.245	101	80752	16.177	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	115835	24.194	ug/L	97
12) 1,1-Dichloroethene	4.025	96	101533	26.195	ug/L	89
13) Acetone	4.123	43	44709	45.472	ug/L	96
14) Carbon disulfide	4.373	76	302529	23.485	ug/L	99
15) Methyl Acetate	4.666	43	57729	24.001	ug/L	95
16) Methylene chloride	4.897	84	131235	24.114	ug/L	89
17) trans-1,2-Dichloroethene	5.409	96	121123	26.401	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	206883	27.540	ug/L	96
19) 1,1-Dichloroethane	6.208	63	225705	26.016	ug/L	96
22) 2-Butanone	7.171	43	76243	43.462	ug/L	97
23) Bromochloromethane	7.507	128	65646	26.647	ug/L	91
25) Chloroform	7.671	83	257284	26.729	ug/L	98

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 QLast Update : Mon Aug 29 04:56:06 2022
 Response via : Initial Calibration

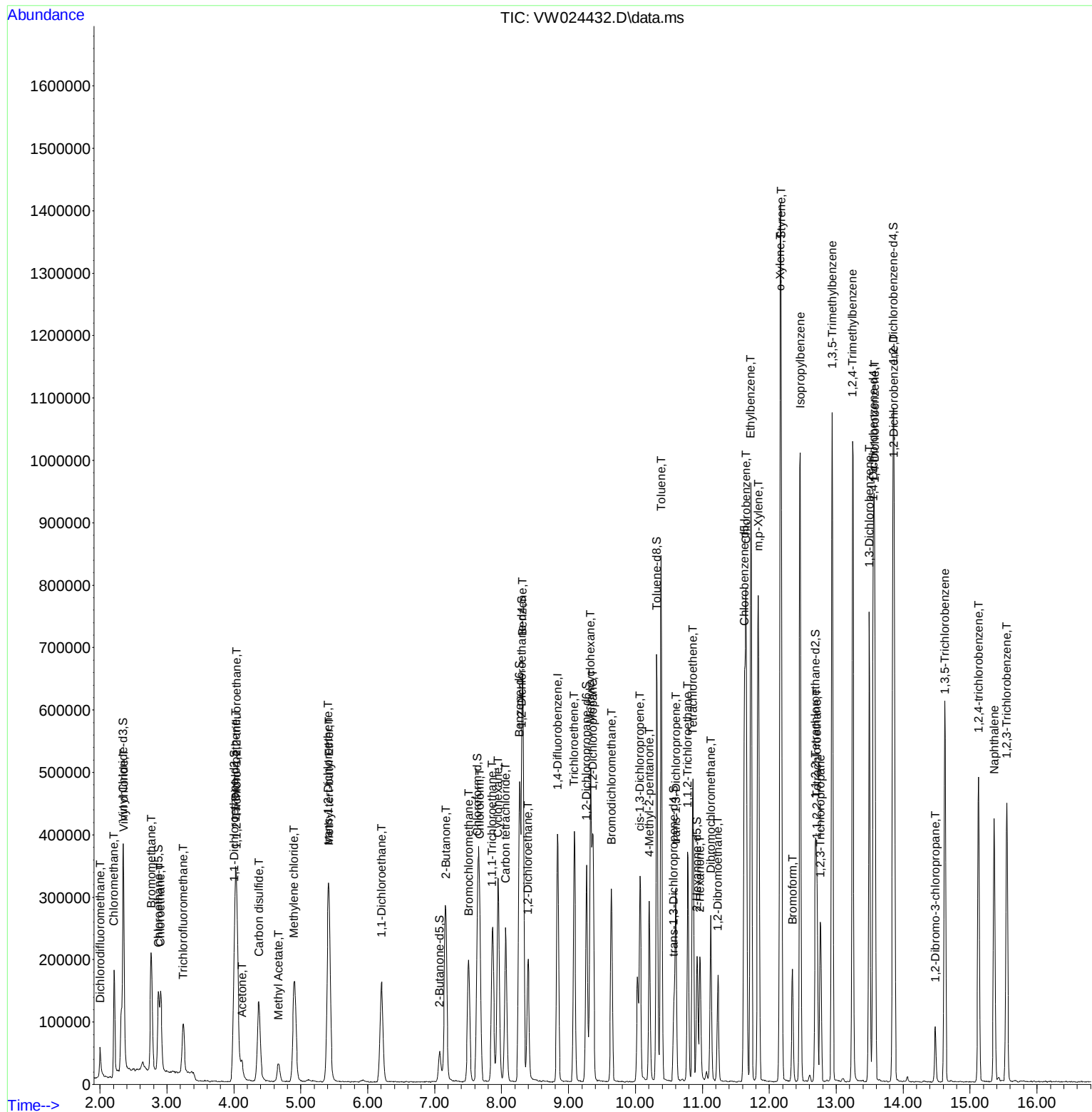
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	173230	24.724	ug/L	99
29) Cyclohexane	7.946	56	171319	24.812	ug/L	98
30) 1,1,1-Trichloroethane	7.860	97	191285	25.334	ug/L	97
31) Carbon tetrachloride	8.061	117	173419	25.105	ug/L	99
33) Benzene	8.317	78	543043	27.234	ug/L	100
34) Trichloroethene	9.086	95	134931	25.675	ug/L	95
35) Methylcyclohexane	9.329	83	197269	23.395	ug/L	99
37) 1,2-Dichloropropane	9.366	63	136216	26.471	ug/L	98
38) Bromodichloromethane	9.640	83	188766	26.937	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	184511	25.651	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	179822	49.143	ug/L	98
42) Toluene	10.384	91	589591	26.793	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	162586	23.261	ug/L	99
45) 1,1,2-Trichloroethane	10.780	97	110210	26.264	ug/L	98
46) Tetrachloroethene	10.860	164	96956	23.755	ug/L	91
48) 2-Hexanone	10.963	43	123580	45.787	ug/L	97
49) Dibromochloromethane	11.128	129	131852	26.566	ug/L	97
50) 1,2-Dibromoethane	11.232	107	104969	26.019	ug/L	91
51) Chlorobenzene	11.652	112	385900	26.127	ug/L	96
52) Ethylbenzene	11.725	91	645216	26.521	ug/L	93
53) m,p-Xylene	11.835	106	249604	26.124	ug/L	89
54) o-Xylene	12.164	106	243699	27.284	ug/L	100
55) Styrene	12.176	104	444383	28.146	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	143508	24.501	ug/L #	97
59) Bromoform	12.347	173	72398	25.967	ug/L #	97
60) Isopropylbenzene	12.463	105	639113	27.697	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	101045	25.719	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	544018	29.239	ug/L	98
63) 1,2,4-Trimethylbenzene	13.243	105	533411	29.515	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	282860	25.639	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	304725	26.162	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	274131	26.507	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	22178	22.468	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	166085	23.324	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	131845	23.818	ug/L	93
71) Naphthalene	15.359	128	331396	27.259	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	135408	25.882	ug/L	99

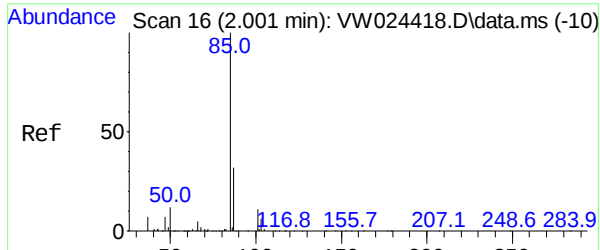
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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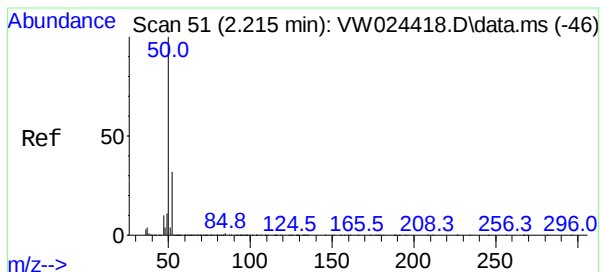
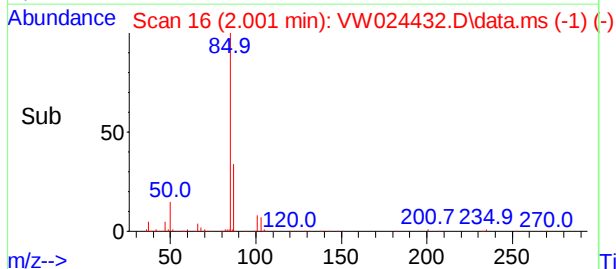
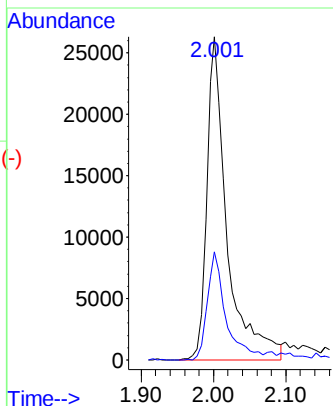
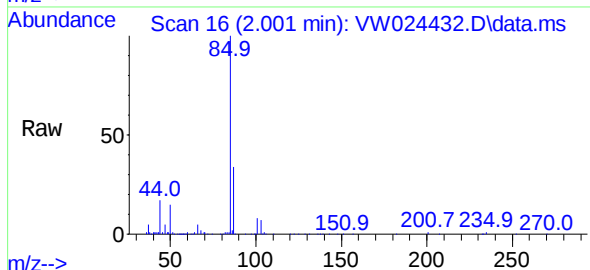




Dichlorodifluoromethane
Concen: 15.792 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

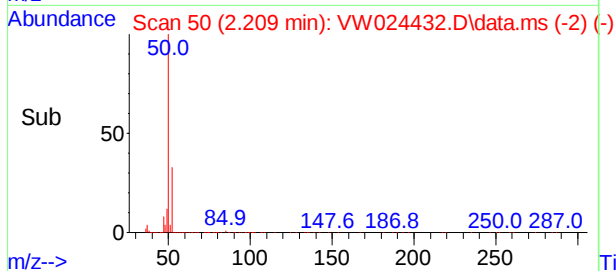
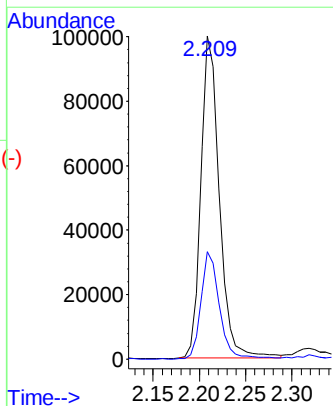
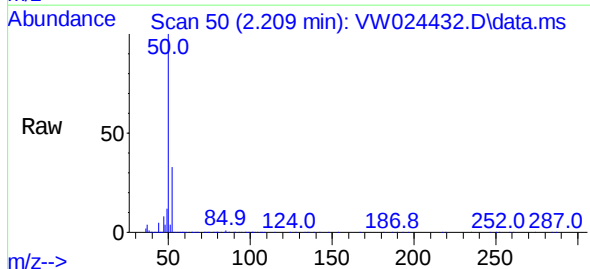
Instrument :
MSVOA_W
ClientSampleId :

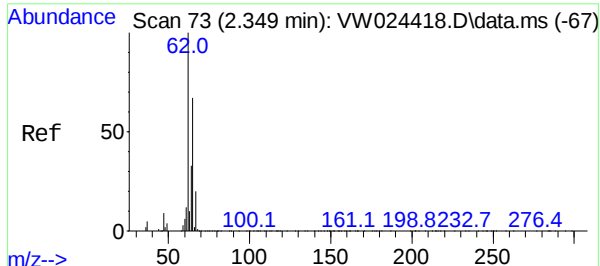
Tgt Ion: 85 Resp: 51327
Ion Ratio Lower Upper
85 100
87 30.8 24.7 37.1



Chloromethane
Concen: 22.948 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Tgt Ion: 50 Resp: 139347
Ion Ratio Lower Upper
50 100
52 33.2 22.3 41.5





Vinyl chloride

Concen: 20.094 ug/L

RT: 2.355 min Scan#

Delta R.T. 0.006 min

Lab File: VW024432.D

Acq: 28 Aug 2022 08:35

Instrument :

MSVOA_W

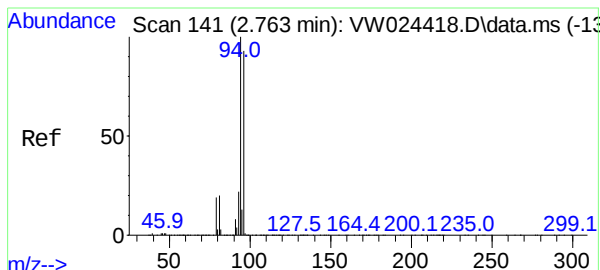
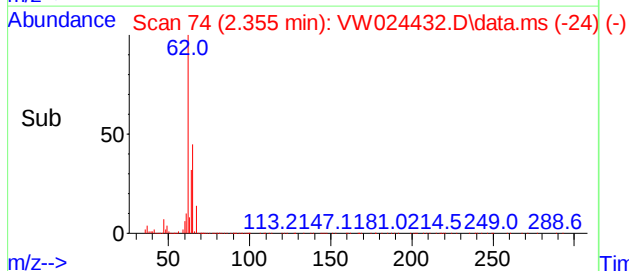
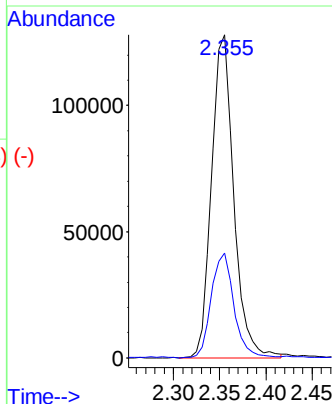
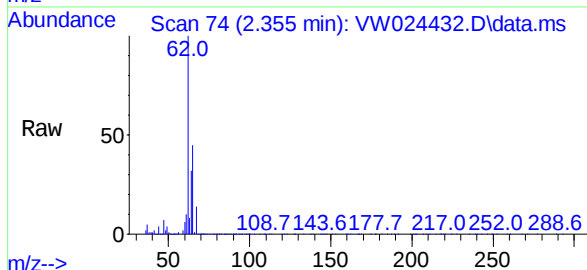
ClientSampleId :

Tgt Ion: 62 Resp: 213301

Ion Ratio Lower Upper

62 100

64 32.4 23.6 43.8



Bromomethane

Concen: 19.453 ug/L

RT: 2.764 min Scan# 141

Delta R.T. 0.000 min

Lab File: VW024432.D

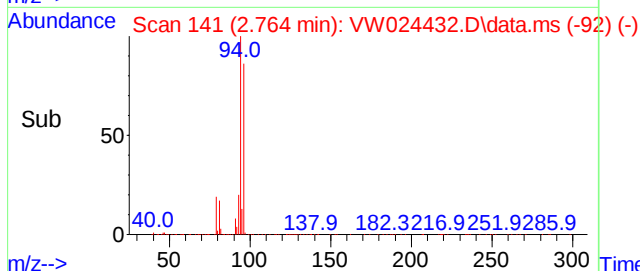
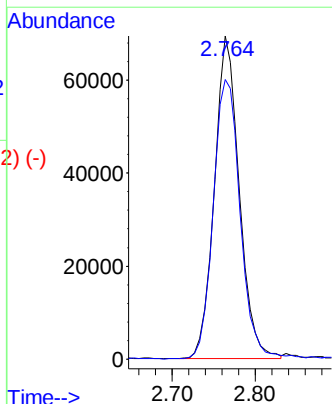
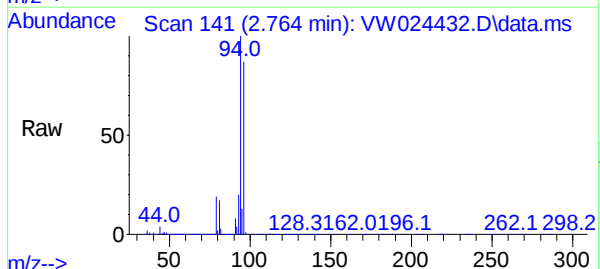
Acq: 28 Aug 2022 08:35

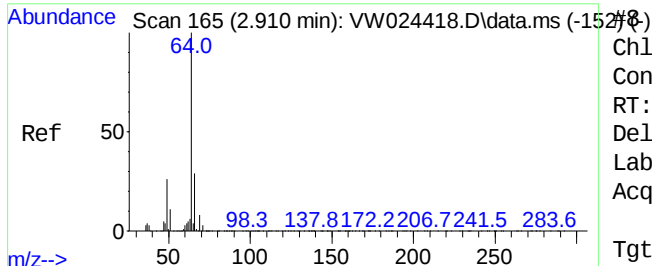
Tgt Ion: 94 Resp: 144945

Ion Ratio Lower Upper

94 100

96 86.5 63.6 118.0





Chloroethane

Concen: 21.391 ug/L

RT: 2.904 min Scan#

Delta R.T. -0.006 min

Lab File: VW024432.D

Acq: 28 Aug 2022 08:35

Instrument :

MSVOA_W

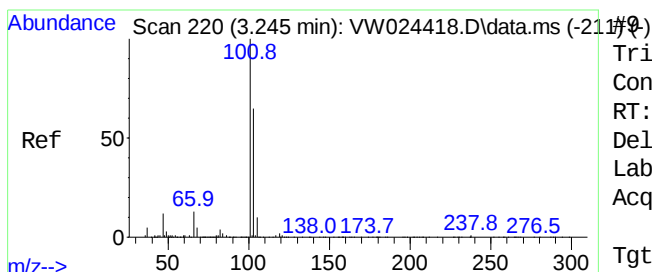
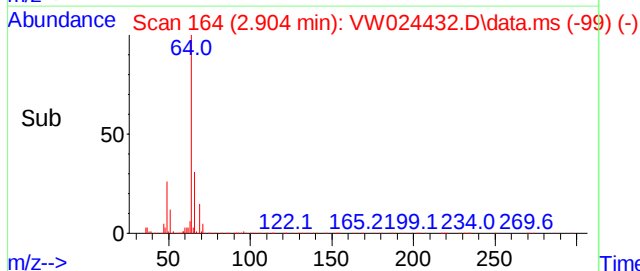
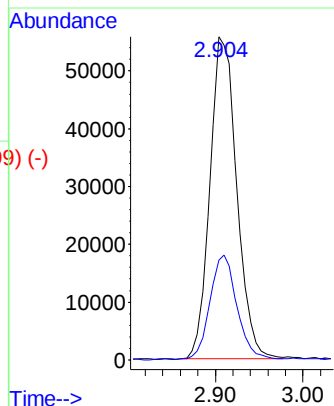
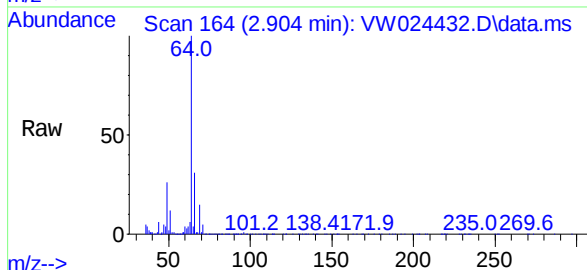
ClientSampleId :

Tgt Ion: 64 Resp: 118617

Ion Ratio Lower Upper

64 100

66 30.9 23.0 42.6



Trichlorofluoromethane

Concen: 16.177 ug/L

RT: 3.245 min Scan# 220

Delta R.T. 0.000 min

Lab File: VW024432.D

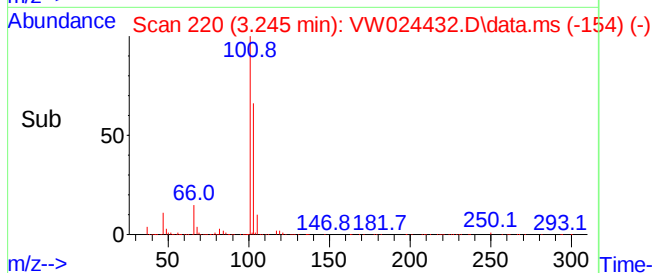
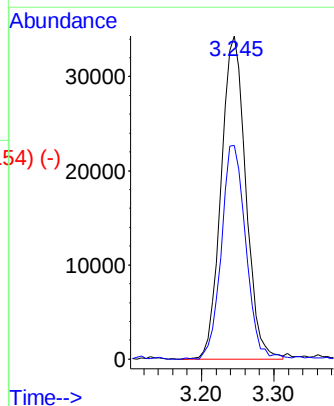
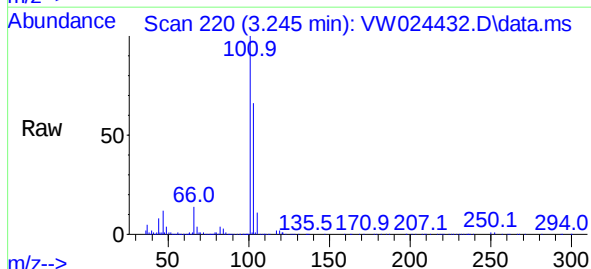
Acq: 28 Aug 2022 08:35

Tgt Ion: 101 Resp: 80752

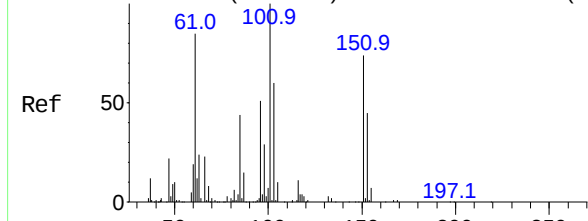
Ion Ratio Lower Upper

101 100

103 64.7 50.4 75.6



Abundance Scan 352 (4.050 min): VW024418.D\data.ms (-339) #10

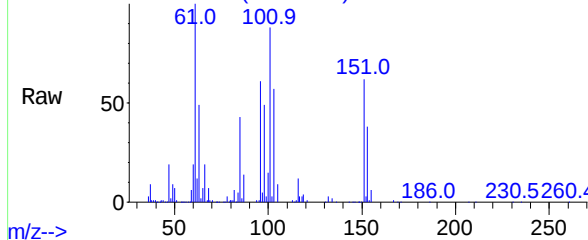


1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.194 ug/L
RT: 4.044 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW024432.D
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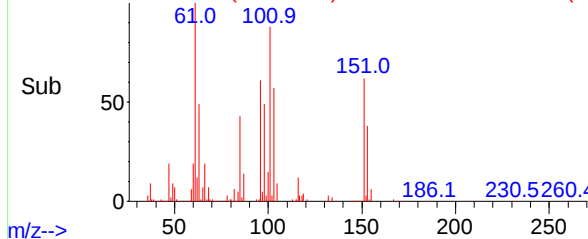
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Abundance Scan 351 (4.044 min): VW024432.D\data.ms

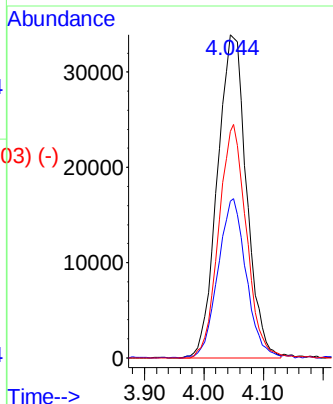


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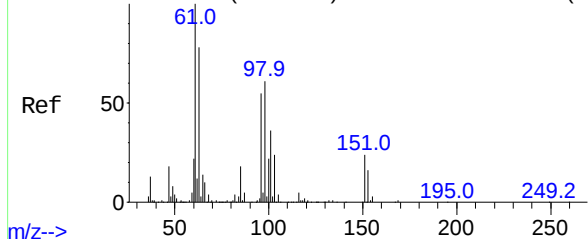
Abundance Scan 351 (4.044 min): VW024432.D\data.ms (-303) (-)



m/z-->

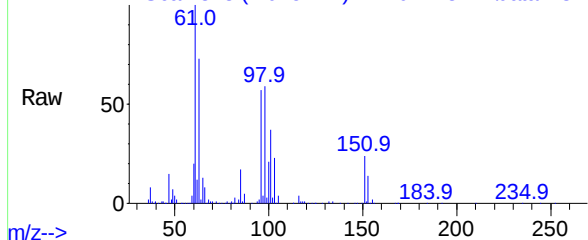


Abundance Scan 348 (4.025 min): VW024418.D\data.ms (-334) #12



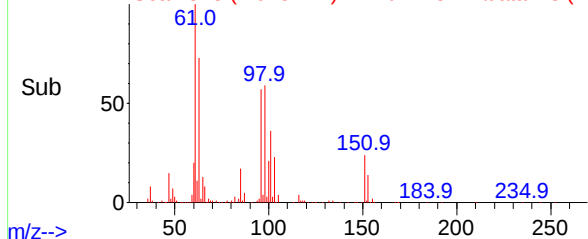
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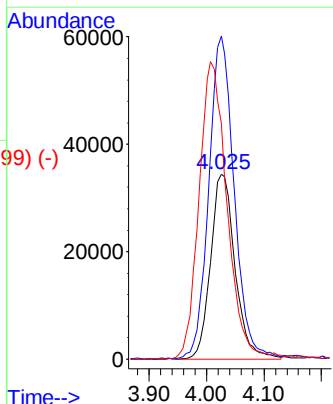
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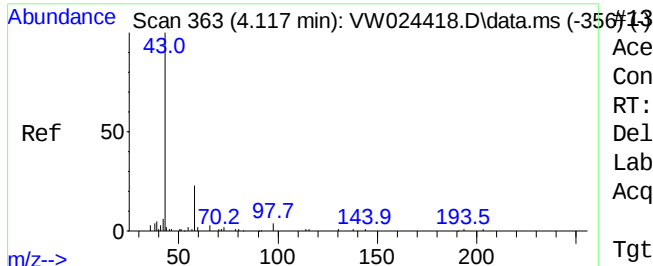


m/z-->

1,1-Dichloroethene
Concen: 26.195 ug/L
RT: 4.025 min Scan# 348
Delta R.T. 0.000 min
Lab File: VW024432.D
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Tgt Ion: 96 Resp: 101533
Ion Ratio Lower Upper
96 100
61 174.5 118.8 220.6
63 127.3 72.8 135.2

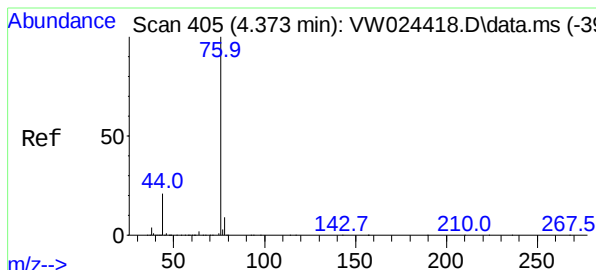
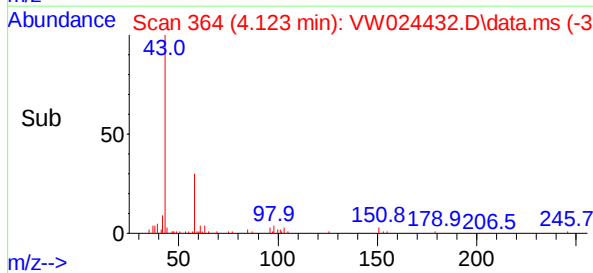
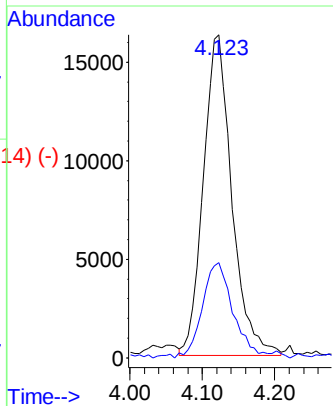
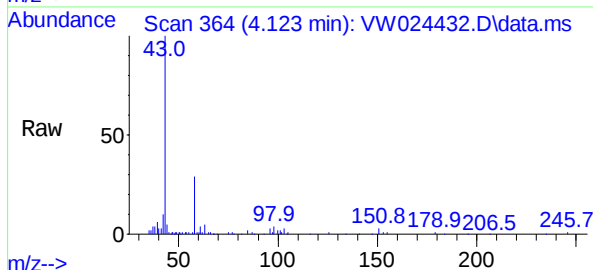




Acetone
Concen: 45.472 ug/L
RT: 4.123 min Scan# 413
Delta R.T. 0.006 min
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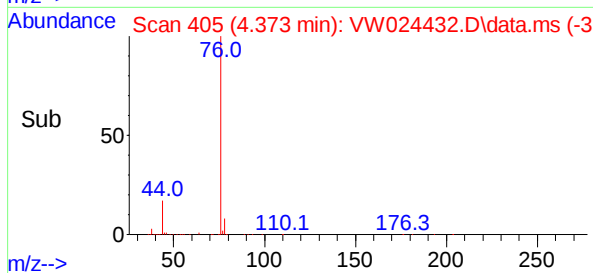
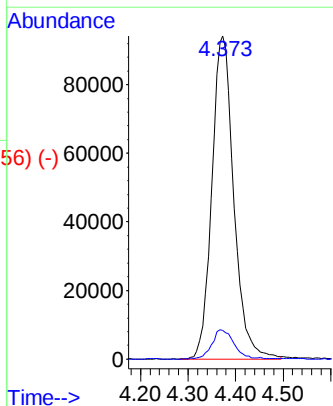
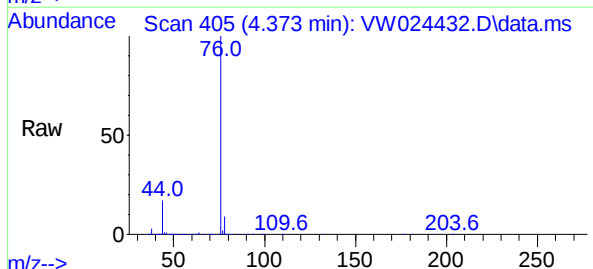
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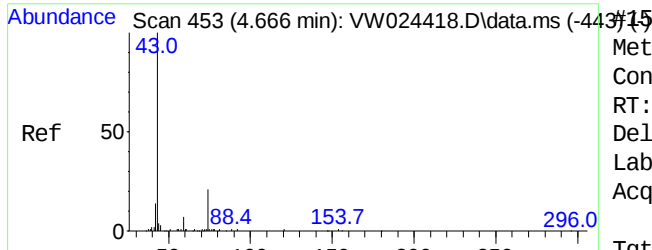
Tgt Ion: 43 Resp: 44709
Ion Ratio Lower Upper
43 100
58 31.4 0.0 58.4



Carbon disulfide
Concen: 23.485 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Tgt Ion: 76 Resp: 302529
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2





Methyl Acetate

Concen: 24.001 ug/L

RT: 4.666 min Scan# 415

Delta R.T. 0.000 min

Lab File: VW024432.D

Acq: 28 Aug 2022 08:35

Instrument :

MSVOA_W

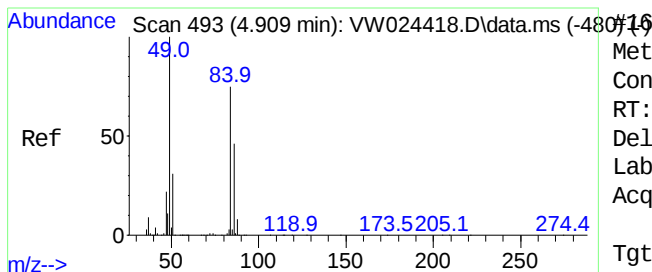
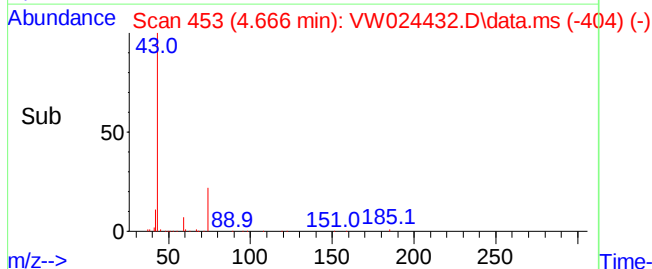
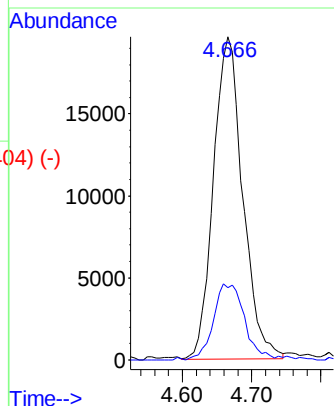
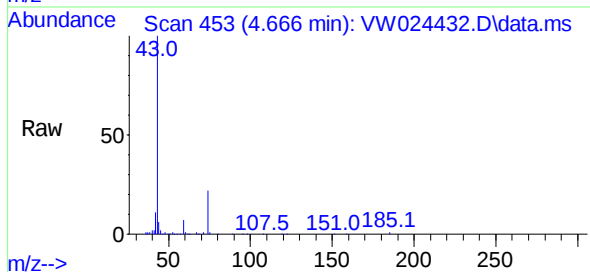
ClientSampleId :

Tgt Ion: 43 Resp: 57729

Ion Ratio Lower Upper

43 100

74 24.8 17.9 26.9



Methylene chloride

Concen: 24.114 ug/L

RT: 4.897 min Scan# 491

Delta R.T. -0.012 min

Lab File: VW024432.D

Acq: 28 Aug 2022 08:35

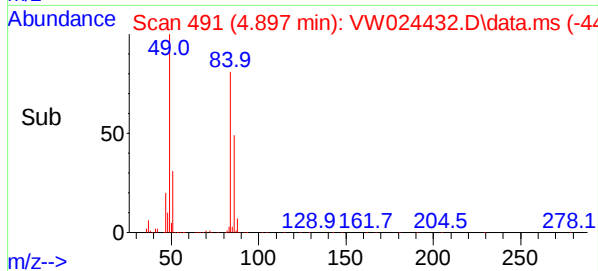
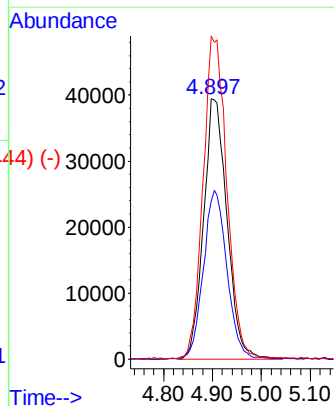
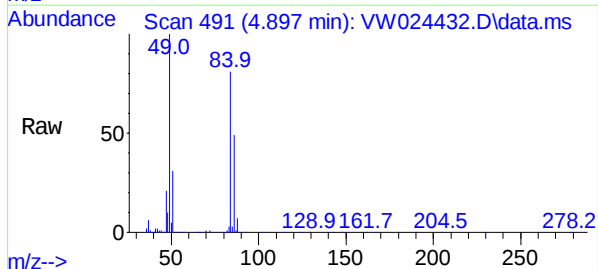
Tgt Ion: 84 Resp: 131235

Ion Ratio Lower Upper

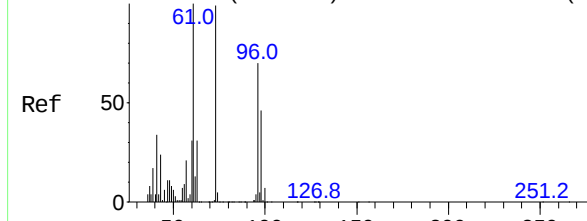
84 100

86 60.7 47.7 88.7

49 124.1 96.6 179.4



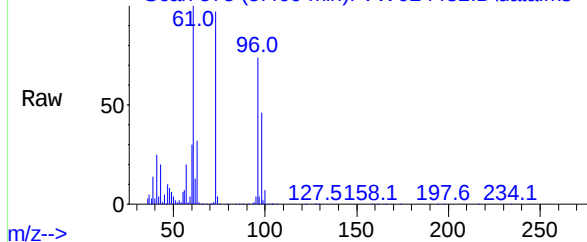
Abundance Scan 576 (5.415 min): VW024418.D\data.ms (-563) #17



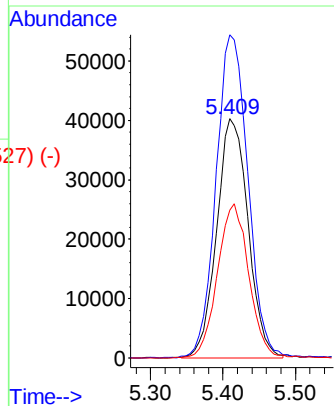
trans-1,2-Dichloroethene
Concen: 26.401 ug/L
RT: 5.409 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Instrument :
MSVOA_W
ClientSampleId :

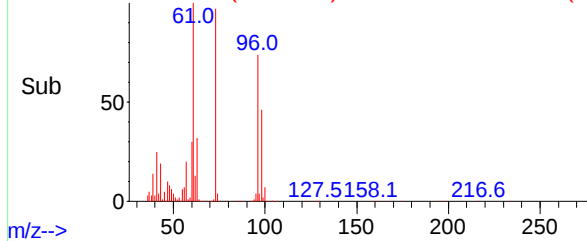
Abundance Scan 575 (5.409 min): VW024432.D\data.ms



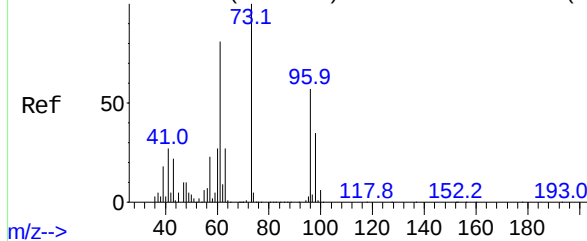
Tgt Ion: 96 Resp: 121123
Ion Ratio Lower Upper
96 100
61 135.0 92.1 171.1
98 61.7 44.7 83.1



Abundance Scan 575 (5.409 min): VW024432.D\data.ms (-527) (-)



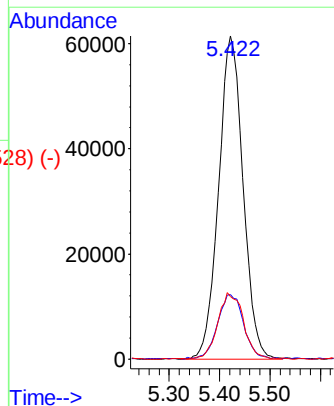
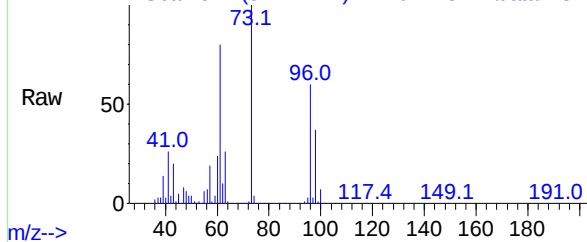
Abundance Scan 577 (5.422 min): VW024418.D\data.ms (-561) #18



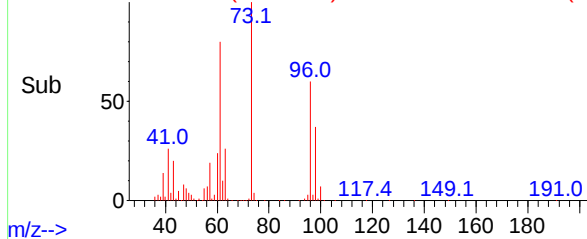
Methyl tert-butyl Ether
Concen: 27.540 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

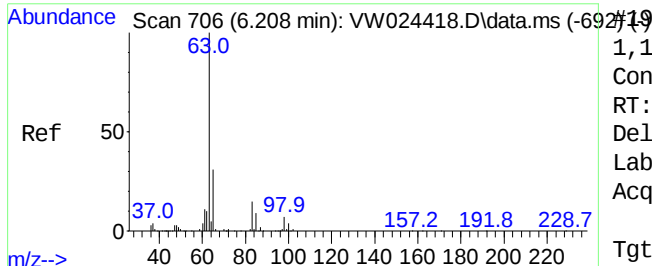
Tgt Ion: 73 Resp: 206883
Ion Ratio Lower Upper
73 100
43 20.8 18.8 28.2
57 21.6 18.1 27.1

Abundance Scan 577 (5.422 min): VW024432.D\data.ms



Abundance Scan 577 (5.422 min): VW024432.D\data.ms (-528) (-)





1,1-Dichloroethane

Concen: 26.016 ug/L

RT: 6.208 min Scan#

Delta R.T. 0.000 min

Lab File: VW024432.D

Acq: 28 Aug 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

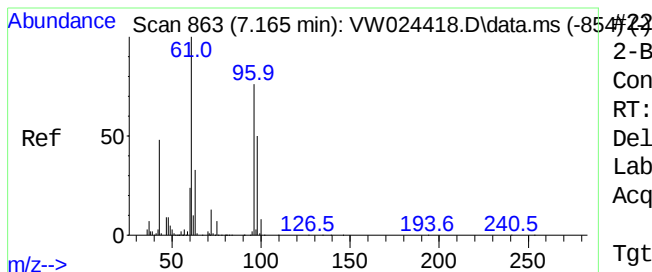
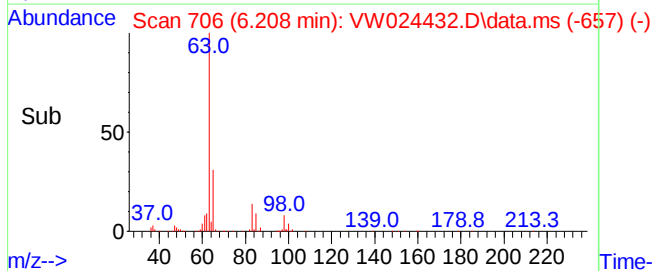
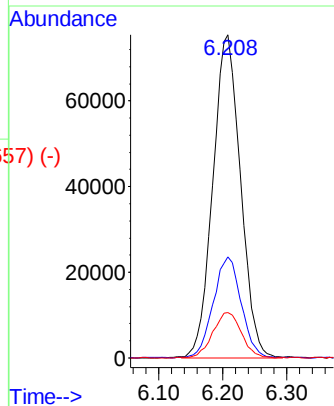
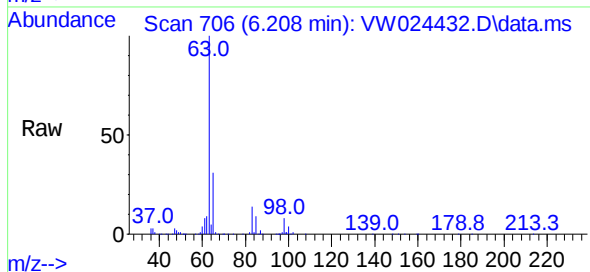
Tgt Ion: 63 Resp: 225705

Ion Ratio Lower Upper

63 100

65 31.2 23.6 43.8

83 14.0 10.4 19.4



2-Butanone

Concen: 43.462 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024432.D

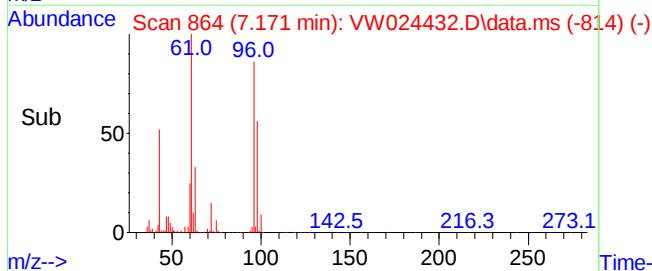
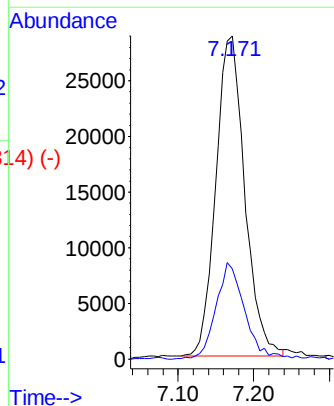
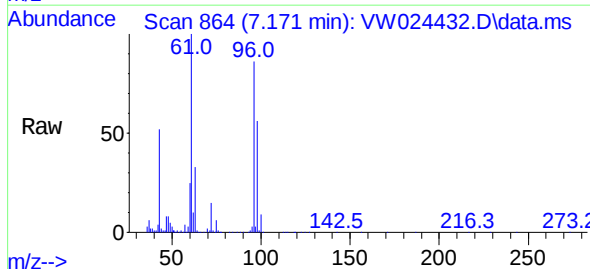
Acq: 28 Aug 2022 08:35

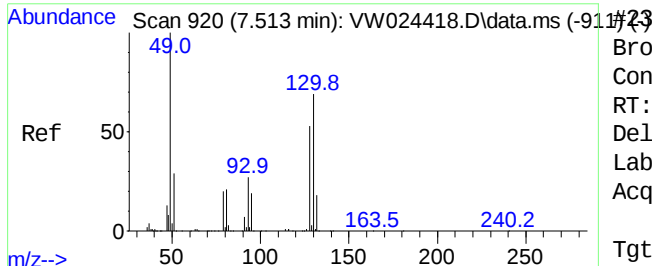
Tgt Ion: 43 Resp: 76243

Ion Ratio Lower Upper

43 100

72 29.1 13.9 41.6





Bromochloromethane

Concen: 26.647 ug/L

RT: 7.507 min Scan# 919

Delta R.T. -0.006 min

Lab File: VW024432.D

Acq: 28 Aug 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128 Resp: 65646

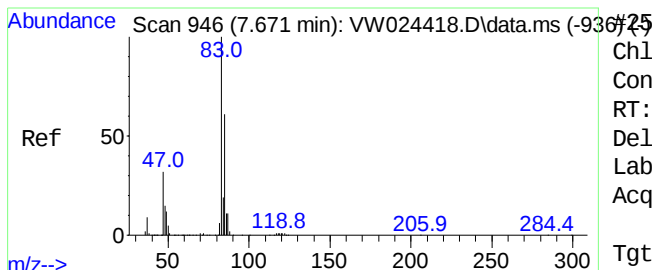
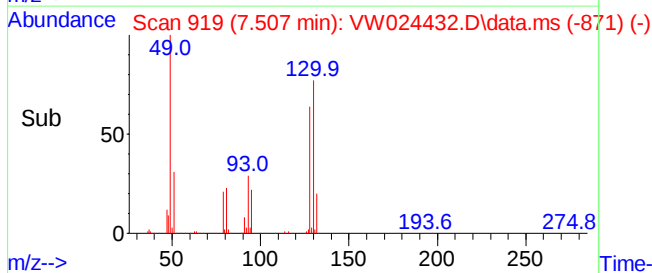
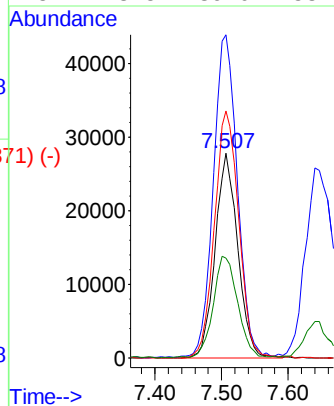
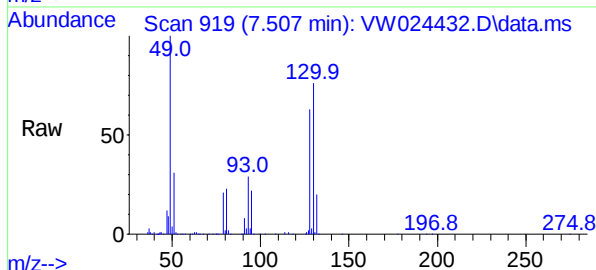
Ion Ratio Lower Upper

128 100

49 157.6 122.1 226.7

130 120.5 91.1 169.1

51 48.5 39.0 58.4



Chloroform

Concen: 26.729 ug/L

RT: 7.671 min Scan# 946

Delta R.T. 0.000 min

Lab File: VW024432.D

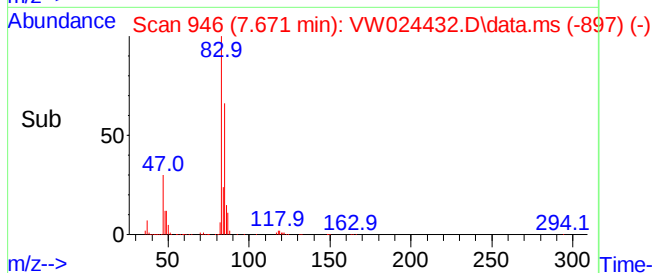
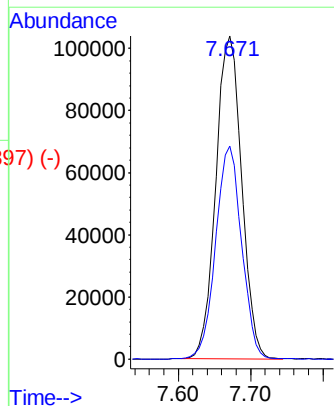
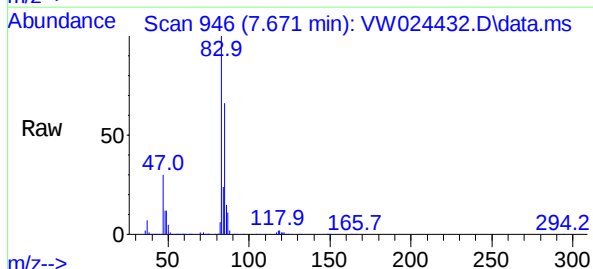
Acq: 28 Aug 2022 08:35

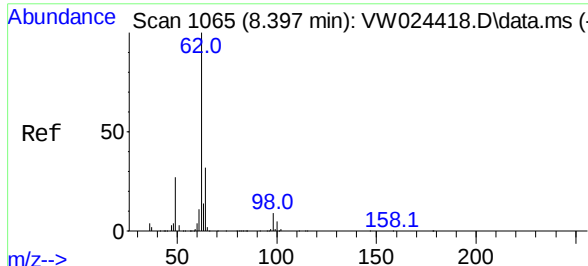
Tgt Ion: 83 Resp: 257284

Ion Ratio Lower Upper

83 100

85 65.9 47.5 88.1





1,2-Dichloroethane

Concen: 24.724 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024432.D

Acq: 28 Aug 2022 08:35

Instrument :

MSVOA_W

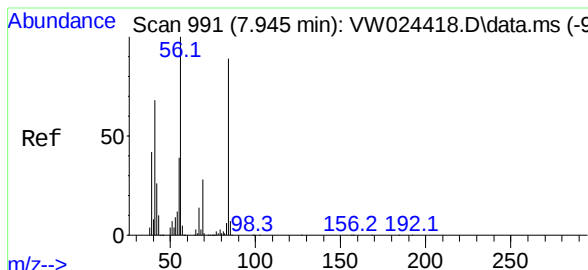
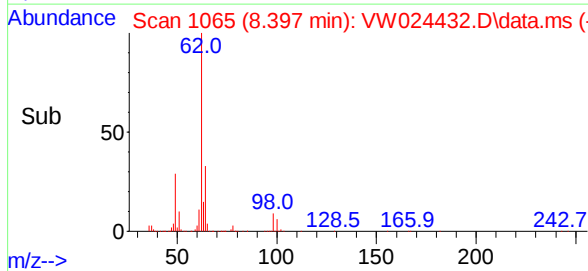
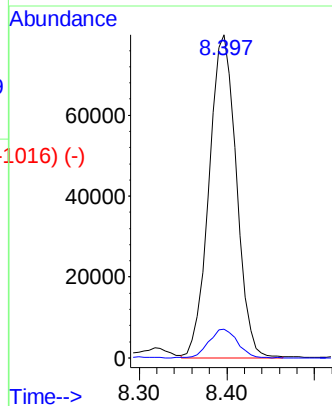
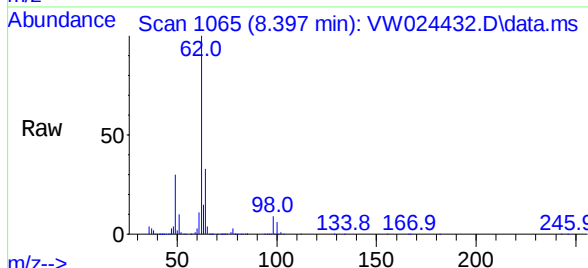
ClientSampleId :

Tgt Ion: 62 Resp: 173230

Ion Ratio Lower Upper

62 100

98 8.9 6.7 10.1



Cyclohexane

Concen: 24.812 ug/L

RT: 7.946 min Scan# 991

Delta R.T. 0.000 min

Lab File: VW024432.D

Acq: 28 Aug 2022 08:35

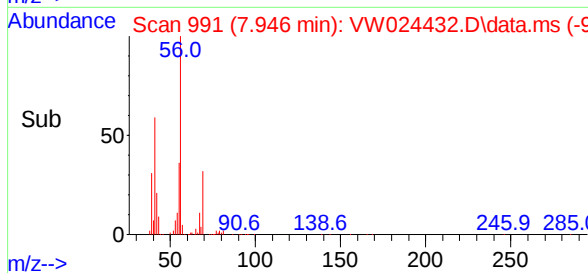
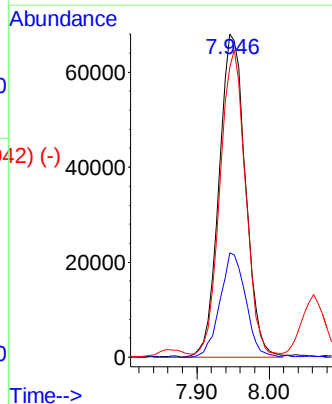
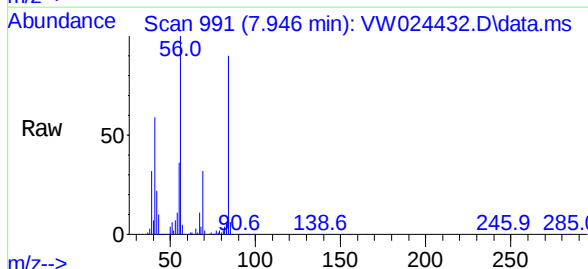
Tgt Ion: 56 Resp: 171319

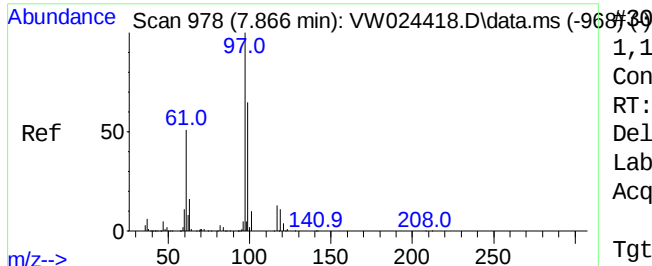
Ion Ratio Lower Upper

56 100

69 31.3 23.5 35.3

84 92.1 72.2 108.4

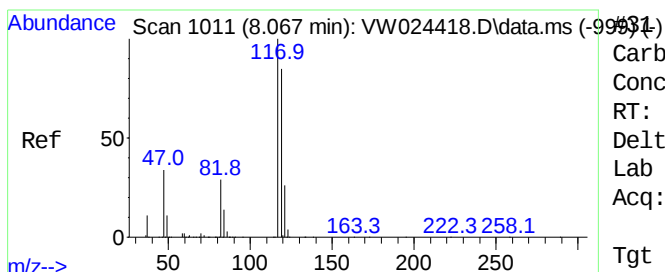
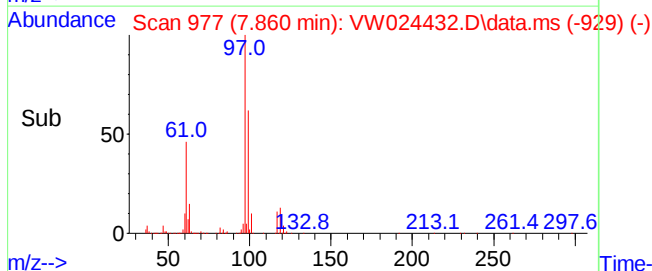
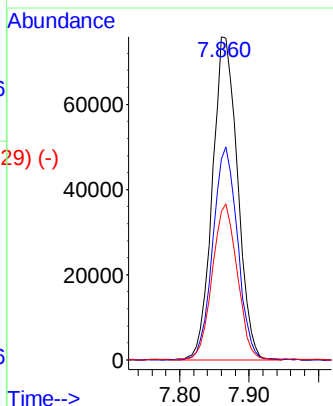
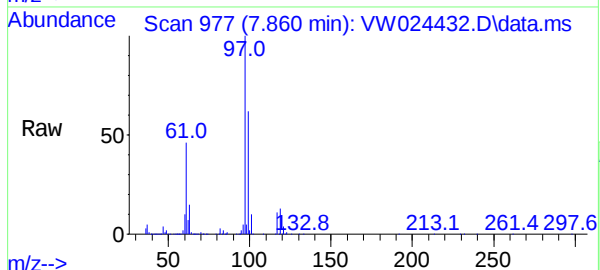




1,1,1-Trichloroethane
 Concen: 25.334 ug/L
 RT: 7.860 min Scan# 97
 Delta R.T. -0.006 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

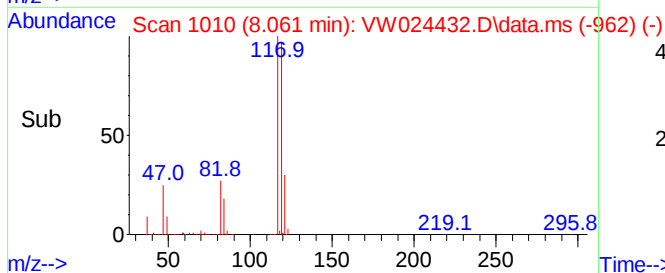
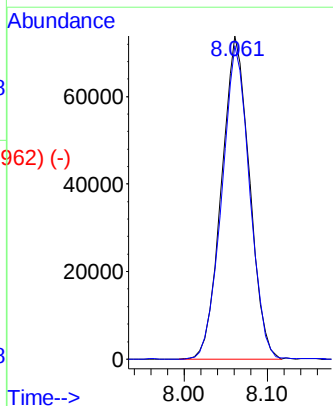
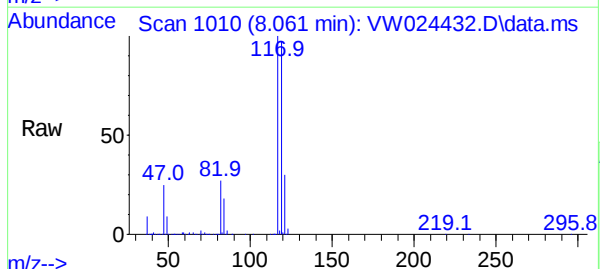
Instrument :
 MSVOA_W
 ClientSampleId :

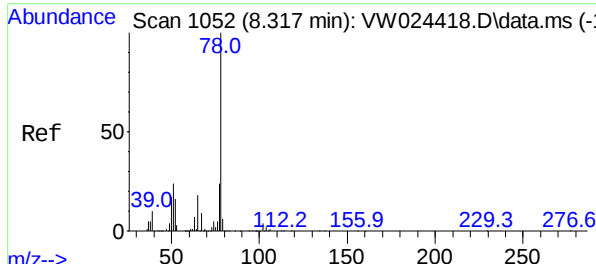
Tgt Ion:	97	Resp:	191285
Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.2	75.2
61	48.0	40.2	60.4



Carbon tetrachloride
 Concen: 25.105 ug/L
 RT: 8.061 min Scan# 1010
 Delta R.T. -0.006 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

Tgt Ion:	117	Resp:	173419
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.9	113.9

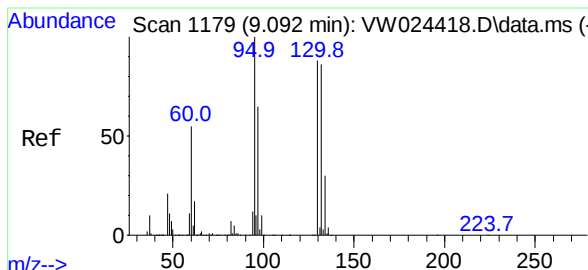
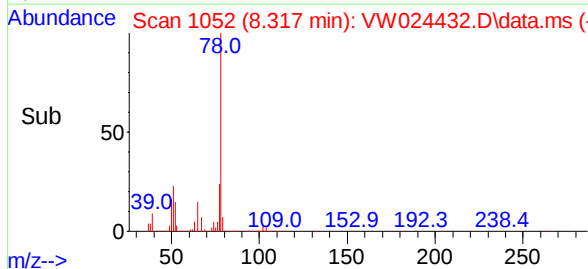
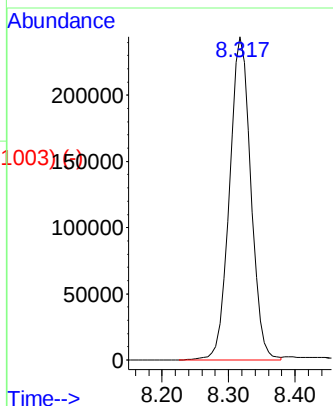
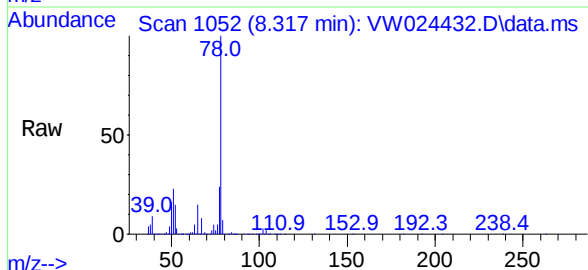




Benzene
Concen: 27.234 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Instrument :
MSVOA_W
ClientSampleId :

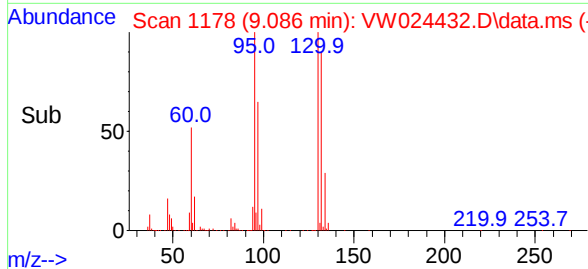
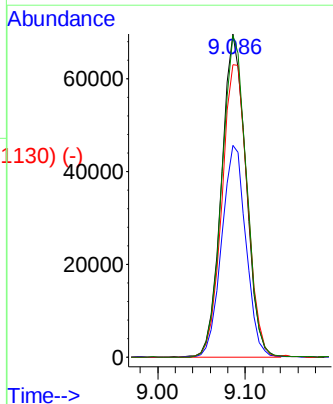
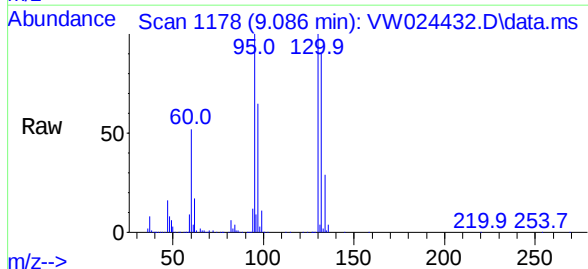
Tgt Ion: 78 Resp: 543043

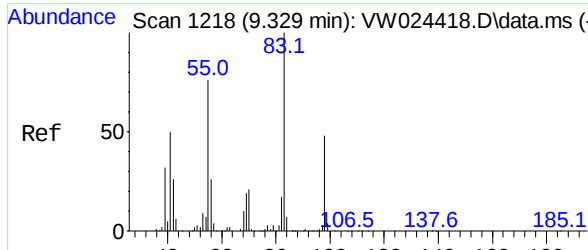


Trichloroethene
Concen: 25.675 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Tgt Ion: 95 Resp: 134931

Ion	Ratio	Lower	Upper
95	100		
97	65.5	48.4	89.8
132	90.5	68.6	127.4
130	99.6	72.6	134.8

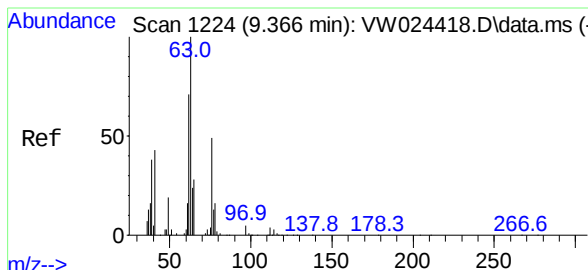
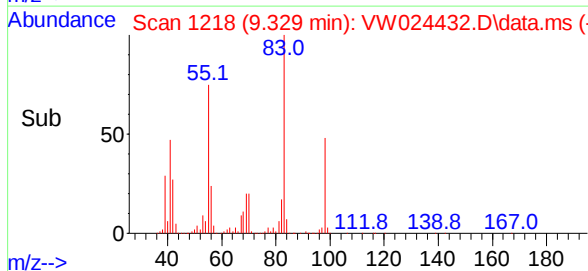
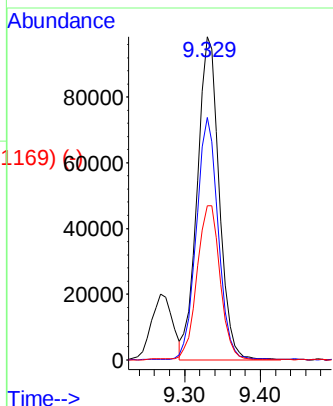
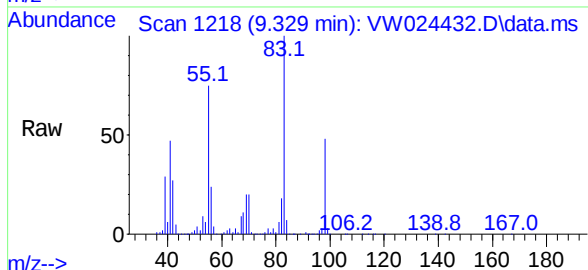




Methylcyclohexane
Concen: 23.395 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

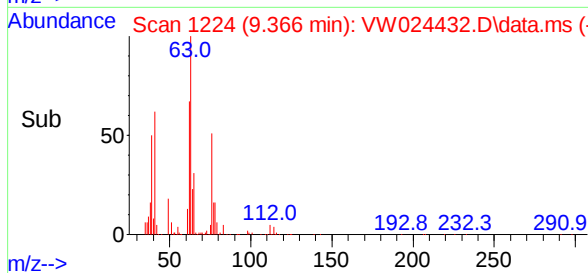
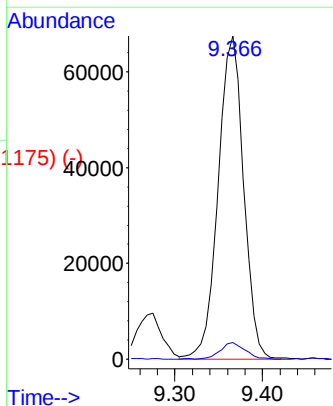
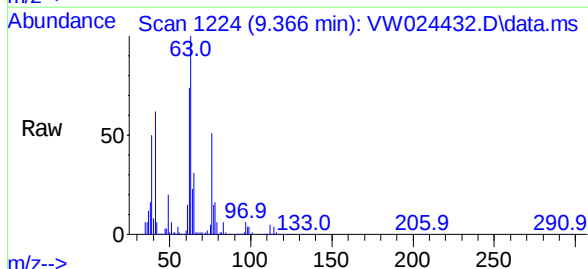
Instrument :
MSVOA_W
ClientSampleId :

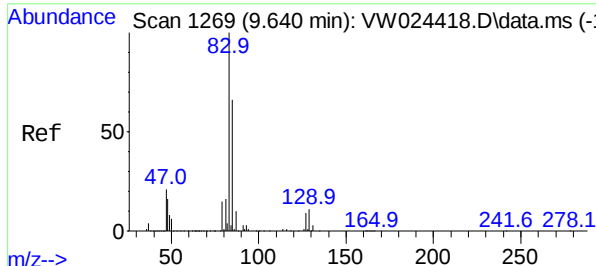
Tgt Ion:	83	Resp:	197269
Ion	Ratio	Lower	Upper
83	100		
55	74.6	60.1	90.1
98	50.2	40.5	60.7



1,2-Dichloropropane
Concen: 26.471 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Tgt Ion:	63	Resp:	136216
Ion	Ratio	Lower	Upper
63	100		
112	5.0	3.4	5.0

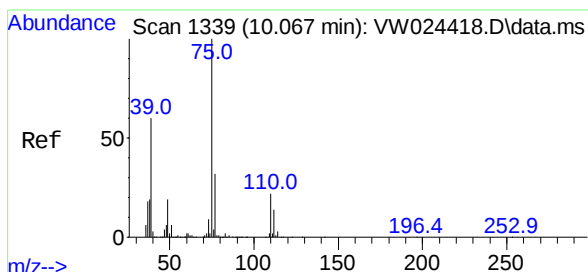
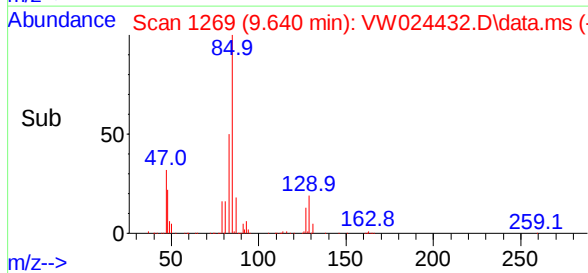
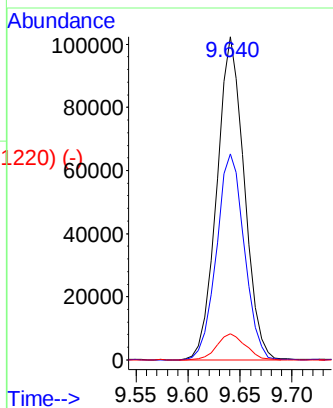
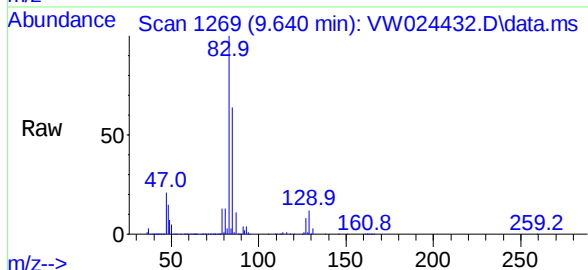




#38 (-)
Bromodichloromethane
Concen: 26.937 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

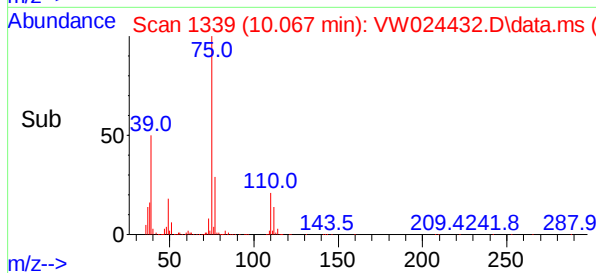
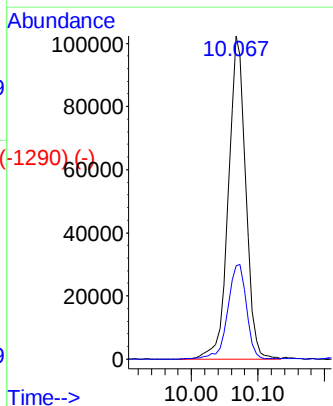
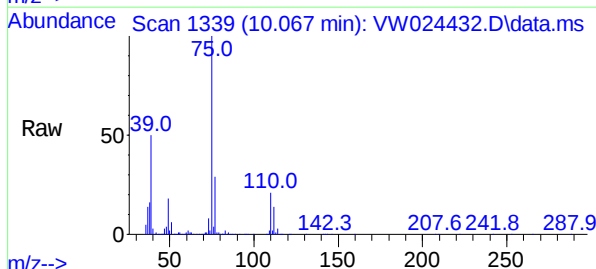
Instrument :
MSVOA_W
ClientSampleId :

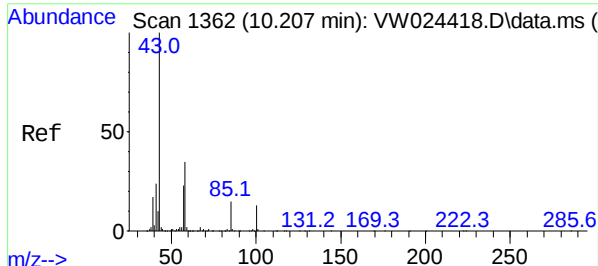
Tgt Ion:	83	Resp:	188766
Ion	Ratio	Lower	Upper
83	100		
85	63.8	46.3	85.9
127	8.1	6.7	10.1



#39 (-)
cis-1,3-Dichloropropene
Concen: 25.651 ug/L
RT: 10.067 min Scan# 1339
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Tgt Ion:	75	Resp:	184511
Ion	Ratio	Lower	Upper
75	100		
77	28.9	21.8	40.6



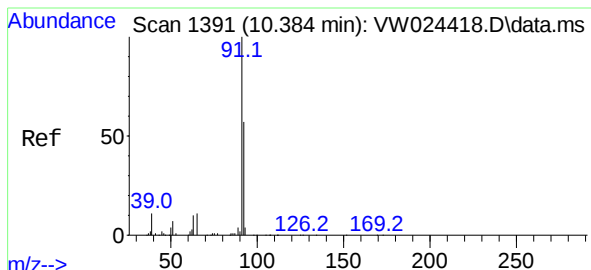
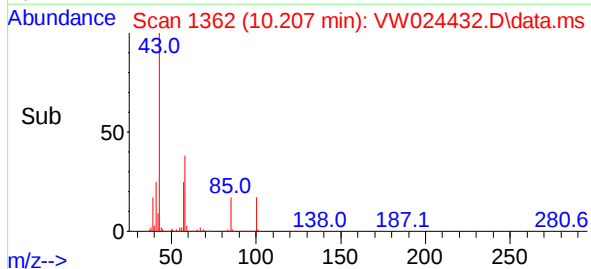
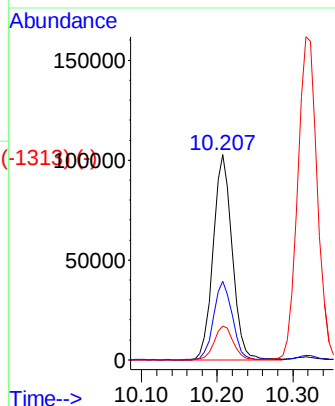
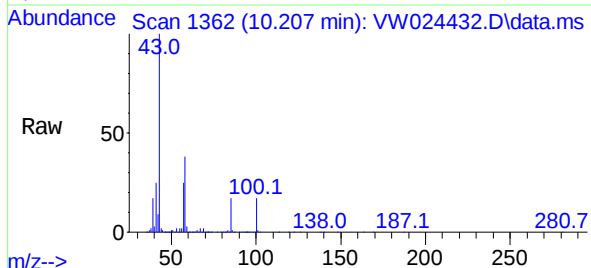


4-Methyl-2-pentanone
Concen: 49.143 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 179822

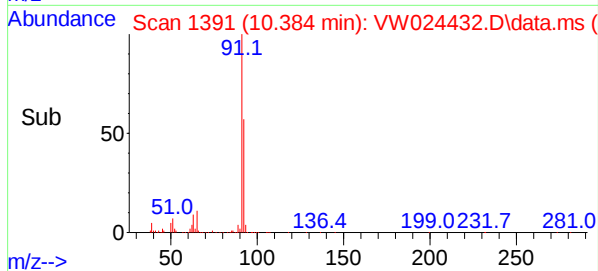
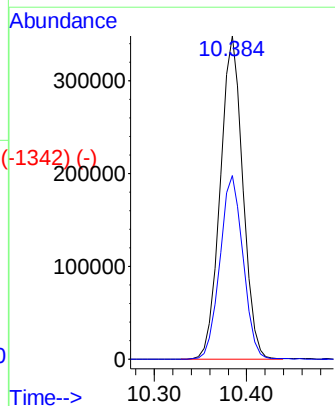
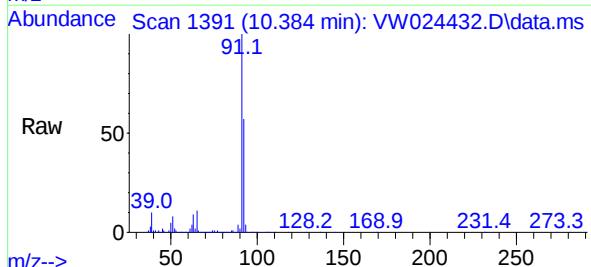
Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.4	44.2
100	16.5	11.8	17.8

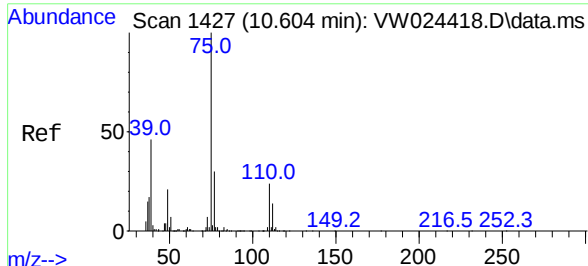


Toluene
Concen: 26.793 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Tgt Ion: 91 Resp: 589591

Ion	Ratio	Lower	Upper
91	100		
92	56.9	40.0	74.4

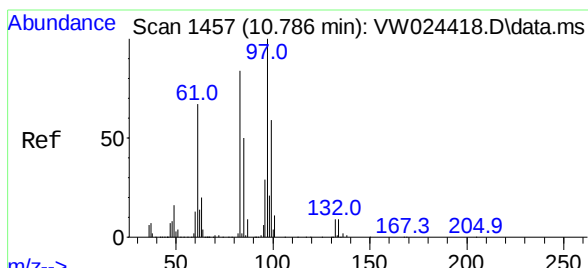
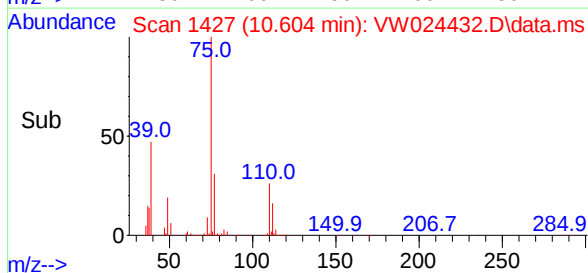
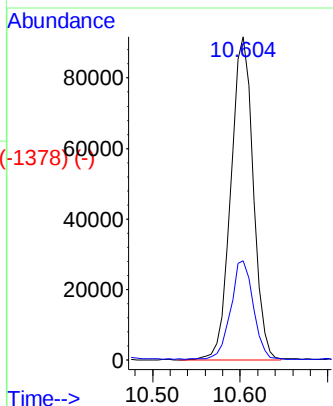
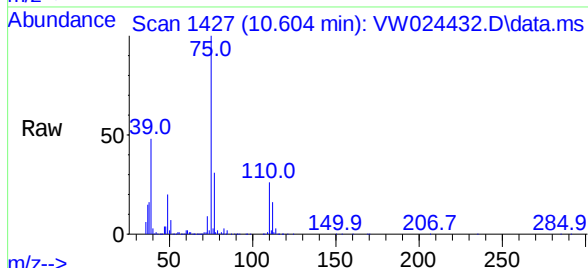




trans-1,3-Dichloropropene
 Concen: 23.261 ug/L
 RT: 10.604 min Scan# 1445
 Delta R.T. 0.000 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

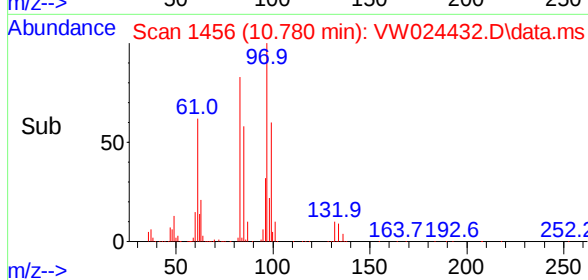
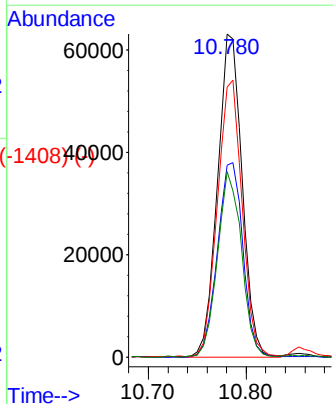
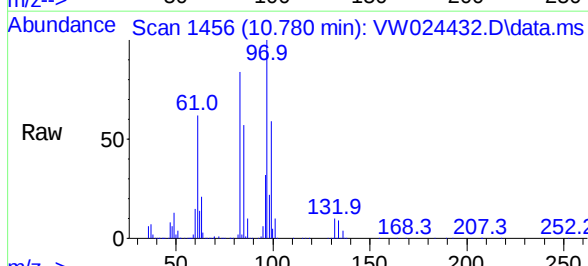
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 162586
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.1 39.1

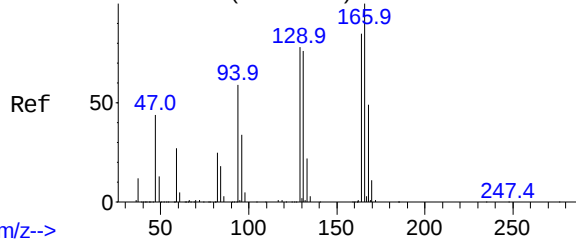


1,1,2-Trichloroethane
 Concen: 26.264 ug/L
 RT: 10.780 min Scan# 1456
 Delta R.T. -0.006 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

Tgt Ion: 97 Resp: 110210
 Ion Ratio Lower Upper
 97 100
 99 59.5 40.4 75.0
 83 83.6 60.1 111.5
 85 57.5 40.9 76.0



Abundance Scan 1469 (10.860 min): VW024418.D\data.ms (-1469) (-)



Tetrachloroethene

Concen: 23.755 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024432.D

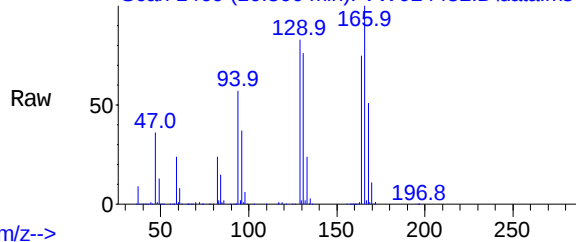
Acq: 28 Aug 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

Abundance Scan 1469 (10.860 min): VW024432.D\data.ms



Tgt Ion:164 Resp: 96956

Ion Ratio Lower Upper

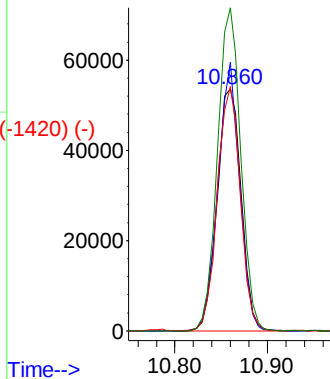
164 100

129 111.2 72.9 135.3

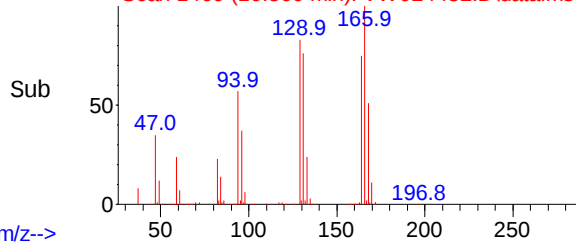
131 101.1 63.7 118.3

166 133.6 86.2 160.0

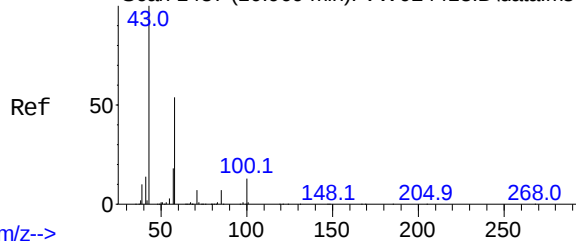
Abundance



Abundance Scan 1469 (10.860 min): VW024432.D\data.ms (-1420) (-)



Abundance Scan 1487 (10.969 min): VW024418.D\data.ms (-1487) (-)



2-Hexanone

Concen: 45.787 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VW024432.D

Acq: 28 Aug 2022 08:35

Tgt Ion: 43 Resp: 123580

Ion Ratio Lower Upper

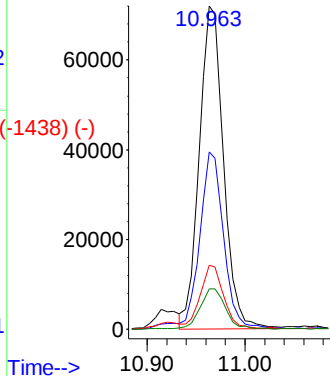
43 100

58 53.6 40.6 61.0

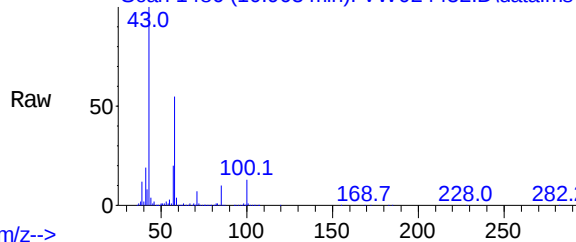
57 19.0 14.2 21.2

100 12.8 9.8 14.6

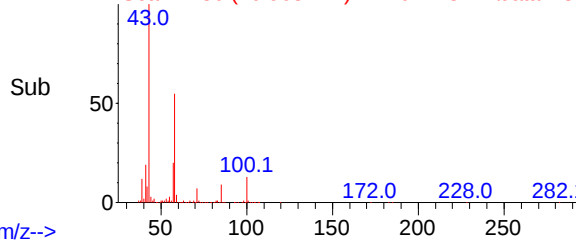
Abundance

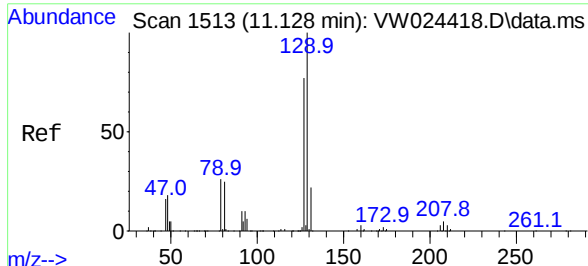


Abundance Scan 1486 (10.963 min): VW024432.D\data.ms



Abundance Scan 1486 (10.963 min): VW024432.D\data.ms (-1438) (-)



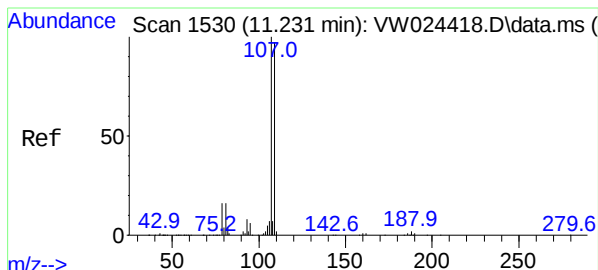
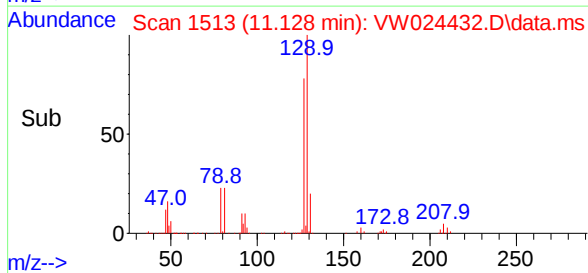
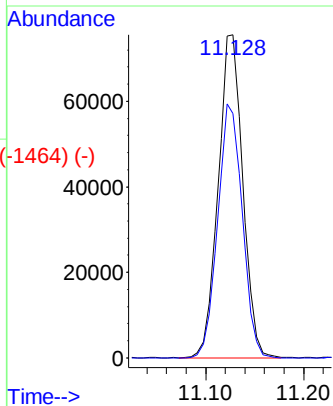
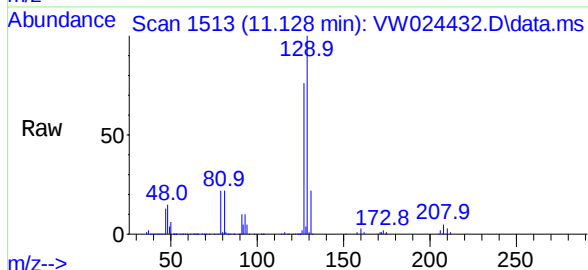


Scan 1513 (11.128 min): VW024418.D\data.ms (-1509) (-)
 Dibromochloromethane
 Concen: 26.566 ug/L
 RT: 11.128 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:129 Resp: 131852

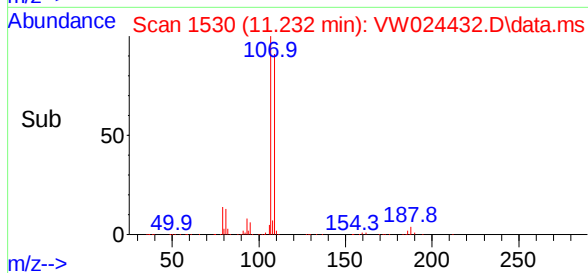
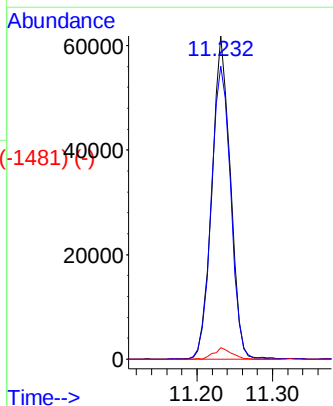
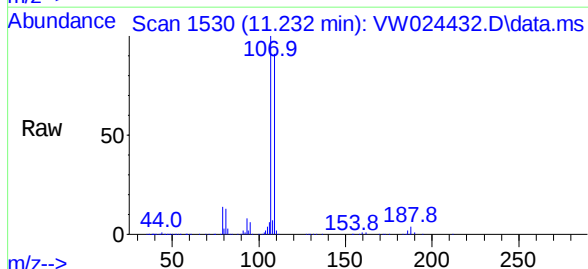
Ion	Ratio	Lower	Upper
129	100		
127	75.6	54.6	101.4

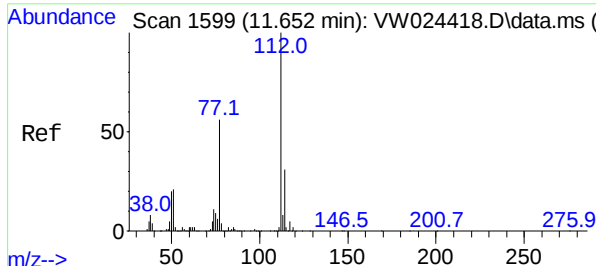


Scan 1530 (11.231 min): VW024418.D\data.ms (-1520) (-)
 1,2-Dibromoethane
 Concen: 26.019 ug/L
 RT: 11.232 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

Tgt Ion:107 Resp: 104969

Ion	Ratio	Lower	Upper
107	100		
109	90.7	70.1	130.1
188	3.5	2.6	3.8

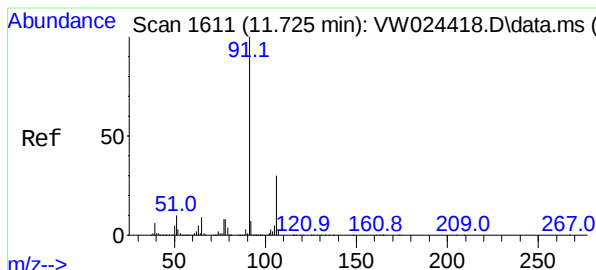
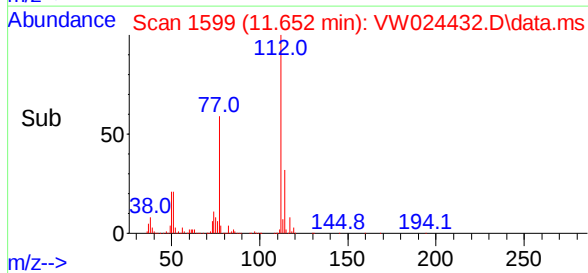
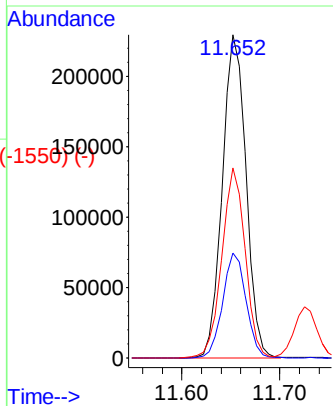
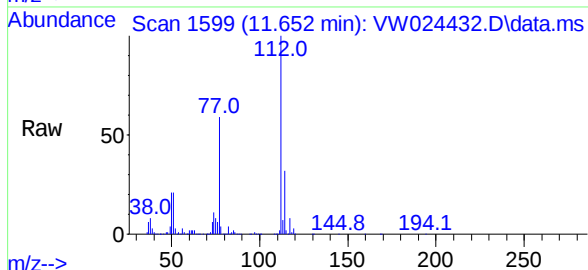




Scan 1599 (11.652 min): VW024418.D\data.ms (-1551) (-)
 Chlorobenzene
 Concen: 26.127 ug/L
 RT: 11.652 min Scan# 1599
 Delta R.T. 0.000 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

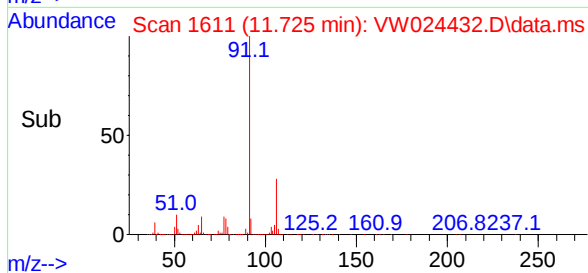
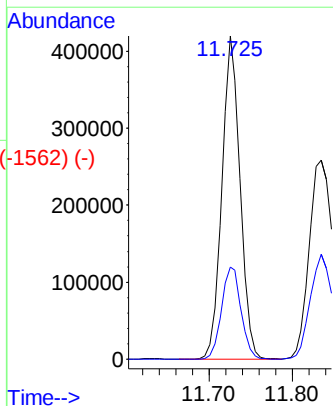
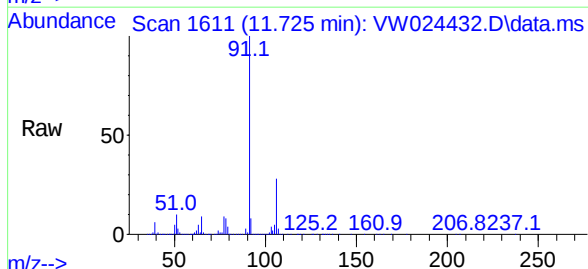
Instrument : MSVOA_W
 ClientSampleId :

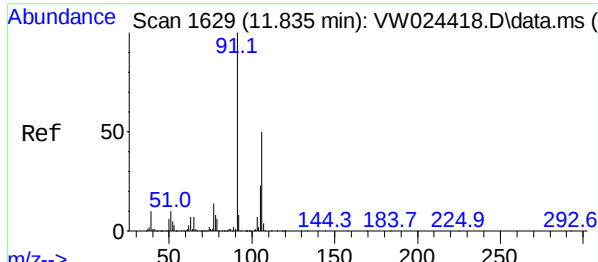
Tgt Ion:	112	Resp:	385900
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.3	41.3
77	58.9	44.1	66.1



Scan 1611 (11.725 min): VW024418.D\data.ms (-1552) (-)
 Ethylbenzene
 Concen: 26.521 ug/L
 RT: 11.725 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

Tgt Ion:	91	Resp:	645216
Ion	Ratio	Lower	Upper
91	100		
106	28.4	22.7	42.3

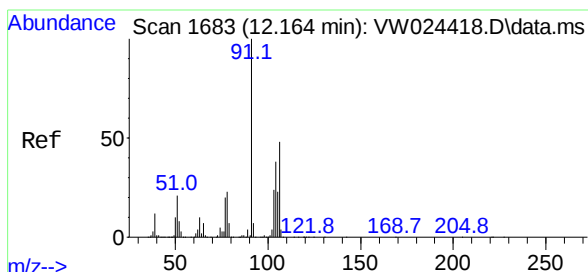
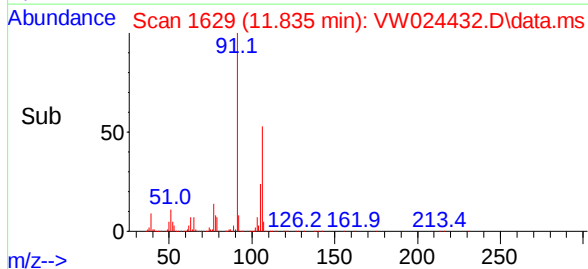
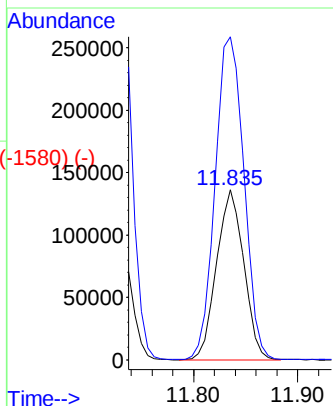
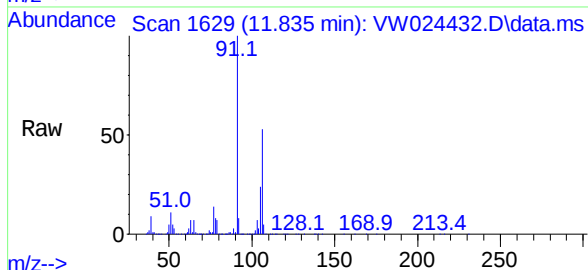




Scan 1629 (11.835 min): VW024418.D\data.ms (-1653) (-)
 m,p-Xylene
 Concen: 26.124 ug/L
 RT: 11.835 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

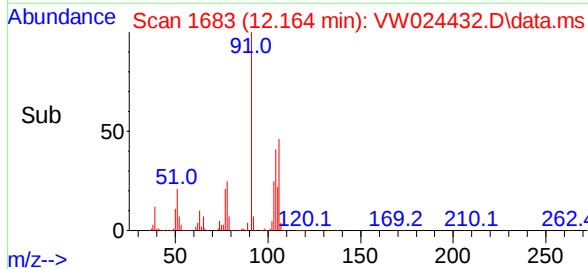
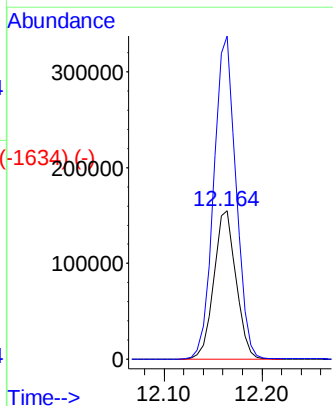
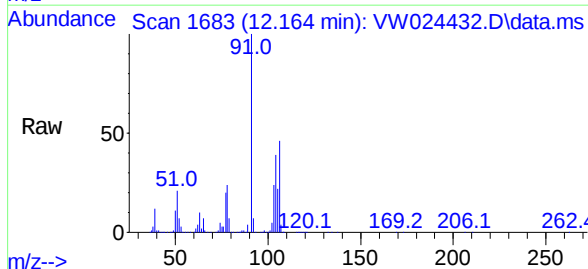
Instrument : MSVOA_W
 ClientSampleId :

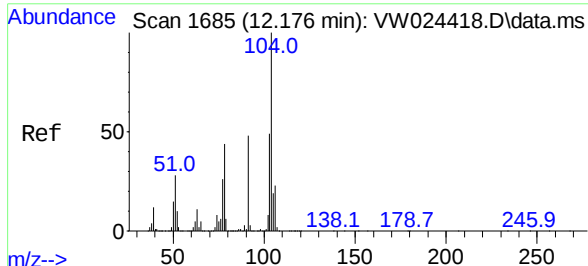
Tgt Ion:106 Resp: 249604
 Ion Ratio Lower Upper
 106 100
 91 189.6 144.3 267.9



Scan 1683 (12.164 min): VW024418.D\data.ms (-1654) (-)
 o-Xylene
 Concen: 27.284 ug/L
 RT: 12.164 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

Tgt Ion:106 Resp: 243699
 Ion Ratio Lower Upper
 106 100
 91 217.8 152.1 282.5

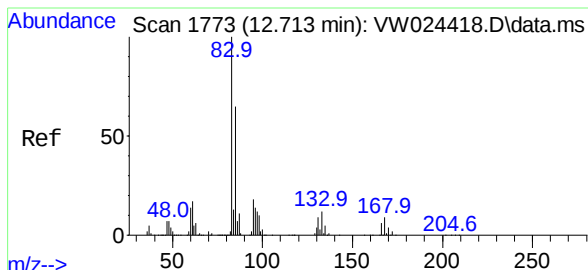
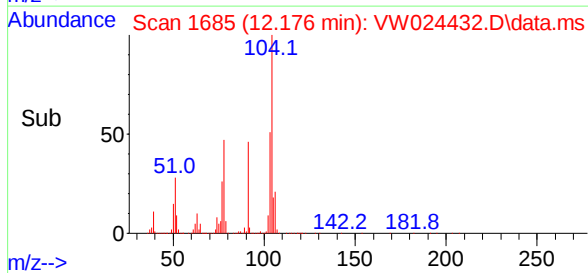
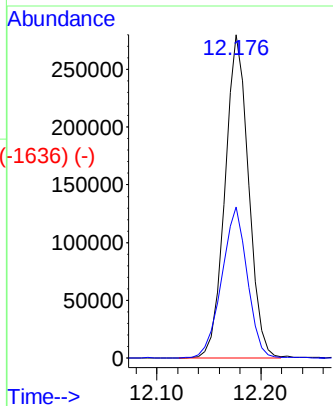
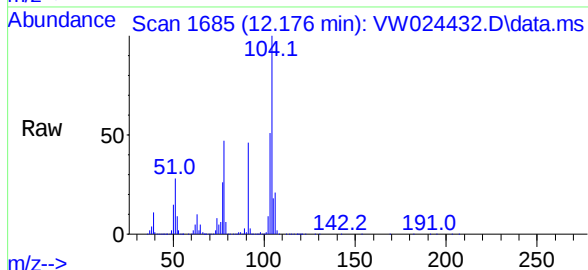




Scan 1685 (12.176 min): VW024418.D\data.ms (-1655) (-)
 Styrene
 Concen: 28.146 ug/L
 RT: 12.176 min Scan# 1655
 Delta R.T. 0.000 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

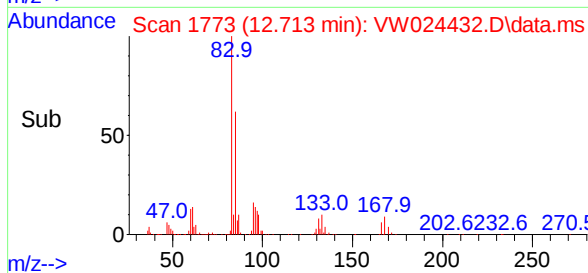
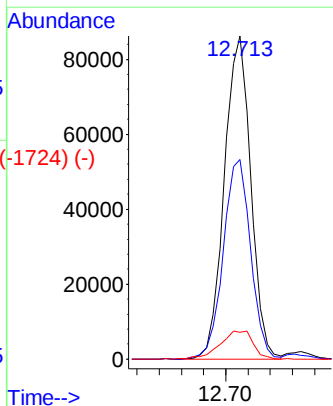
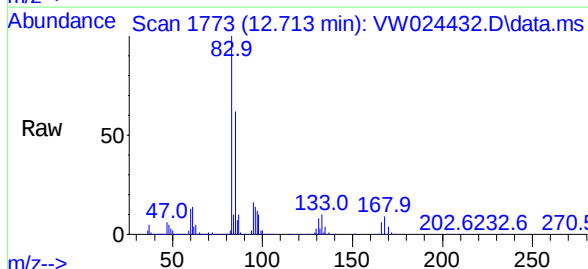
Instrument : MSVOA_W
 ClientSampleId :

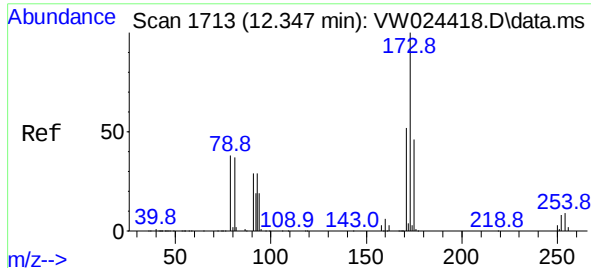
Tgt Ion: 104 Resp: 444383
 Ion Ratio Lower Upper
 104 100
 78 46.7 32.0 59.4



Scan 1773 (12.713 min): VW024418.D\data.ms (-1757) (-)
 1,1,2,2-Tetrachloroethane
 Concen: 24.501 ug/L
 RT: 12.713 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VW024432.D
 Acq: 28 Aug 2022 08:35

Tgt Ion: 83 Resp: 143508
 Ion Ratio Lower Upper
 83 100
 85 61.7 44.4 82.5
 131 8.4 8.4 12.6#

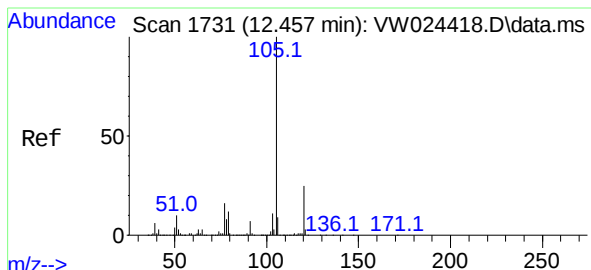
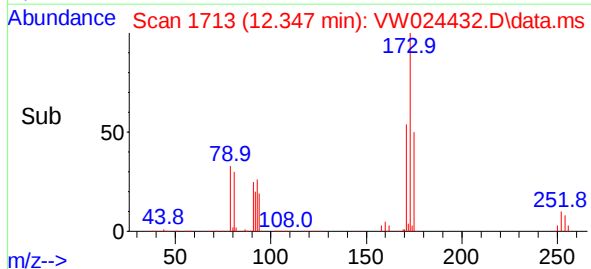
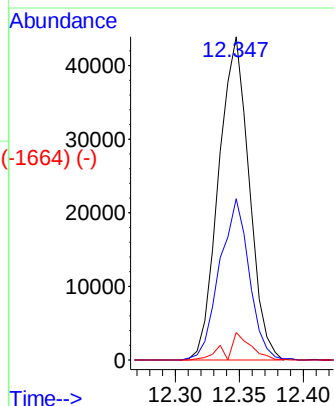
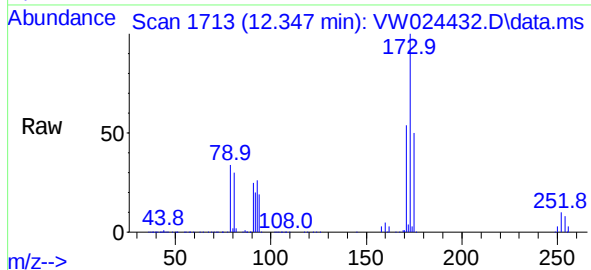




Bromoform
Concen: 25.967 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

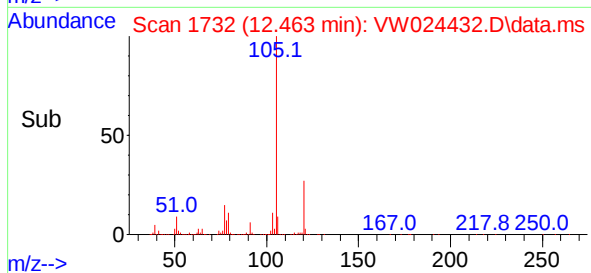
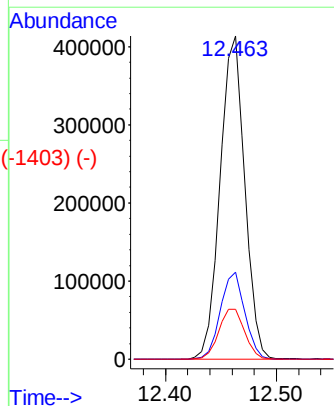
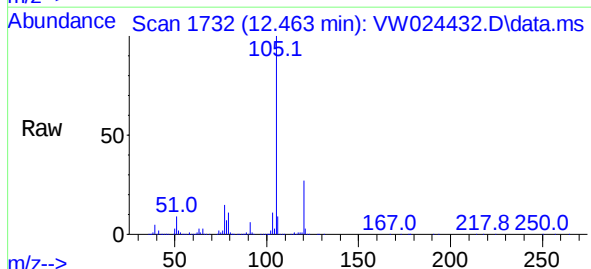
Instrument :
MSVOA_W
ClientSampleId :

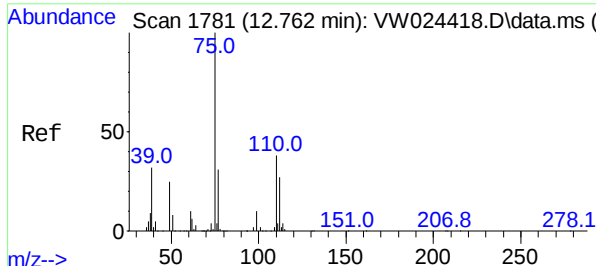
Tgt Ion:	173	Resp:	72398
Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.8	59.6
254	4.9	6.8	10.2#



Isopropylbenzene
Concen: 27.697 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Tgt Ion:	105	Resp:	639113
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.4	32.0
77	16.2	13.0	19.6

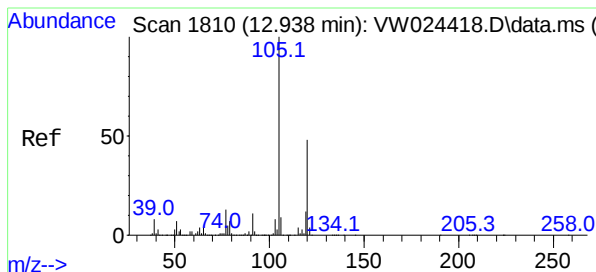
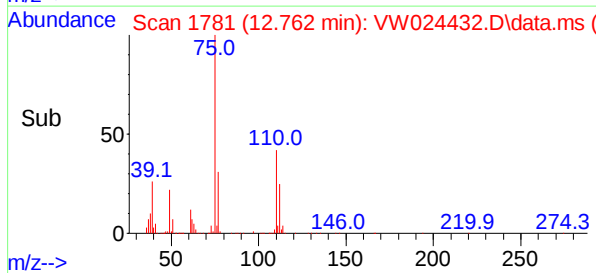
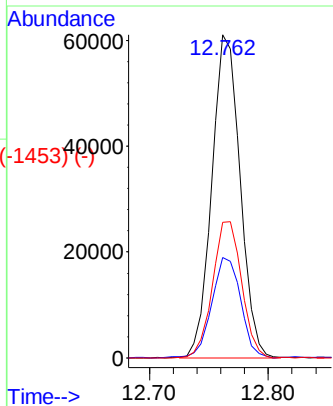
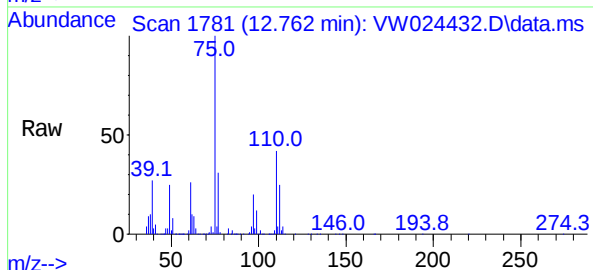




1,2,3-Trichloropropane
Concen: 25.719 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

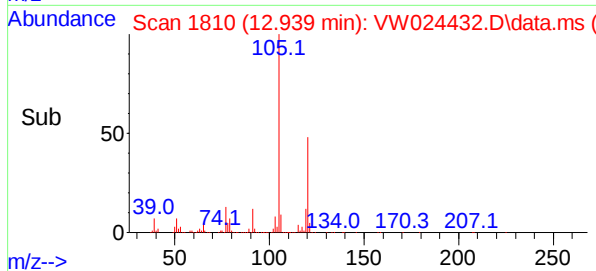
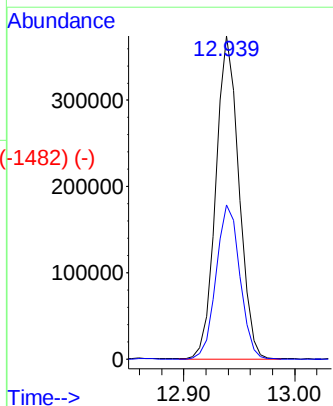
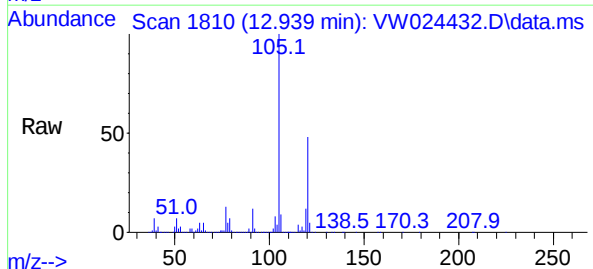
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	75	Resp:	101045
Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.5	39.7
110	43.4	33.8	50.8



1,3,5-Trimethylbenzene
Concen: 29.239 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Tgt Ion:	105	Resp:	544018
Ion	Ratio	Lower	Upper
105	100		
120	49.1	38.4	57.6



Abundance Scan 1861 (13.249 min): VW024418.D\data.ms (-1533) (-)

1,2,4-Trimethylbenzene

Concen: 29.515 ug/L

RT: 13.243 min Scan#

Delta R.T. -0.006 min

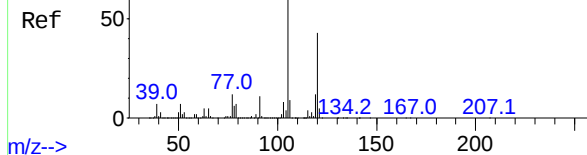
Lab File: VW024432.D

Acq: 28 Aug 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

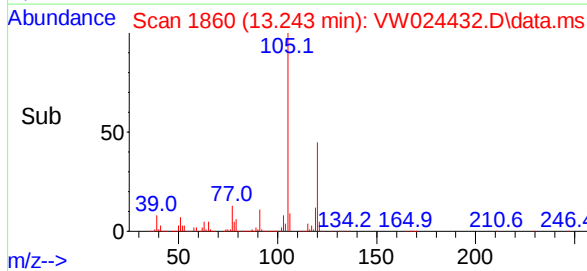
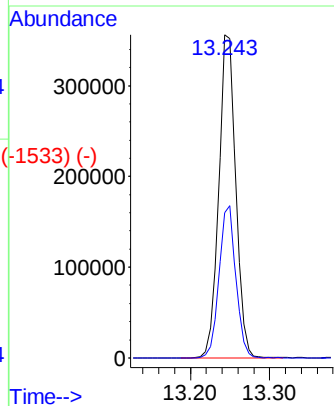
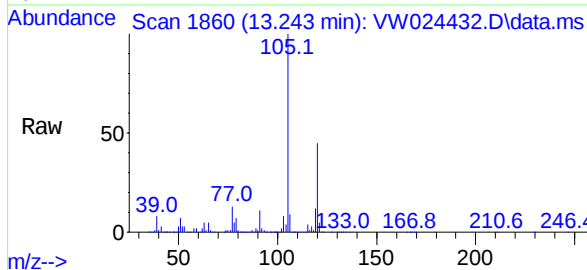


Tgt Ion:105 Resp: 533411

Ion Ratio Lower Upper

105 100

120 46.2 36.2 54.2



Abundance Scan 1901 (13.493 min): VW024418.D\data.ms (-1534) (-)

1,3-Dichlorobenzene

Concen: 25.639 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024432.D

Acq: 28 Aug 2022 08:35

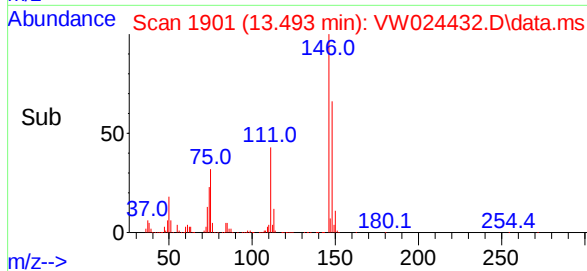
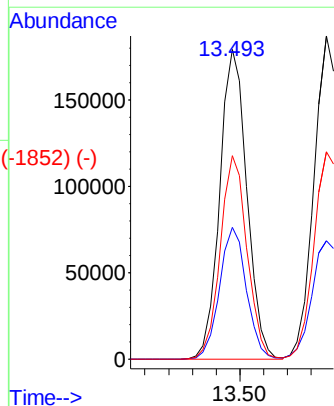
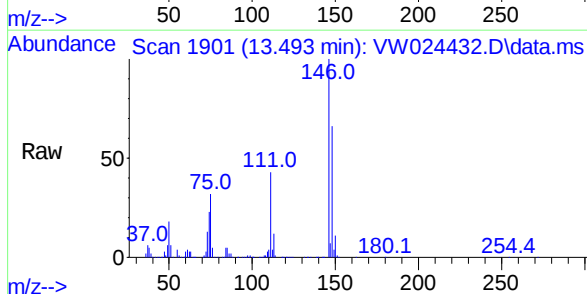
Tgt Ion:146 Resp: 282860

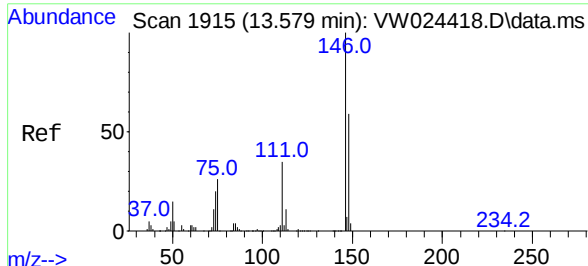
Ion Ratio Lower Upper

146 100

111 42.5 27.0 50.2

148 65.7 44.9 83.3

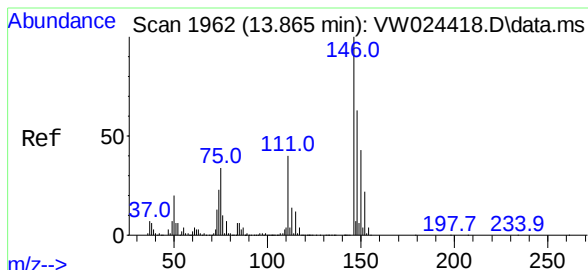
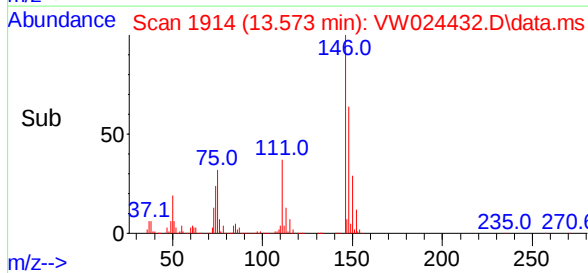
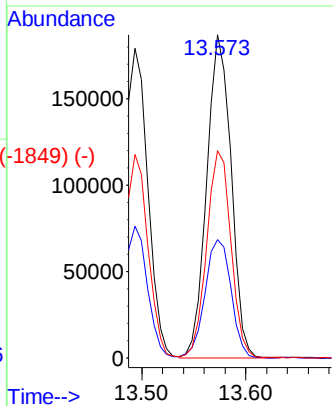
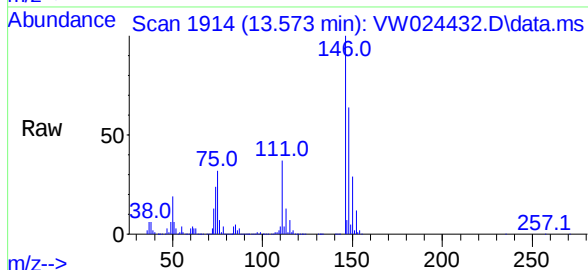




1,4-Dichlorobenzene
Concen: 26.162 ug/L
RT: 13.573 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

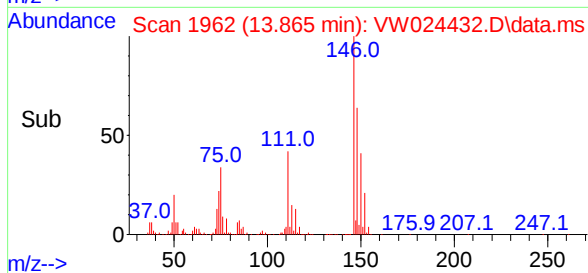
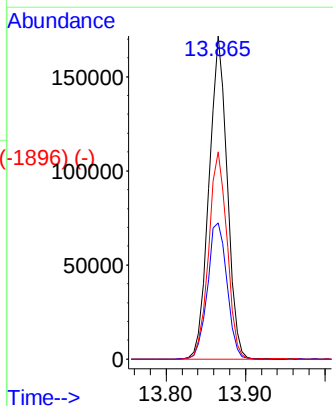
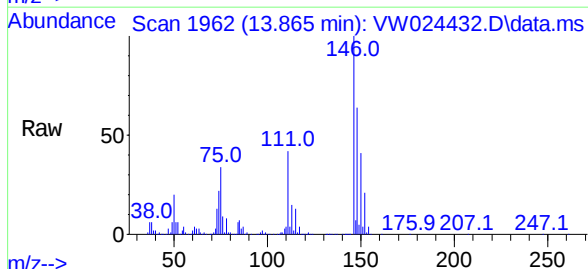
Instrument :
MSVOA_W
ClientSampleId :

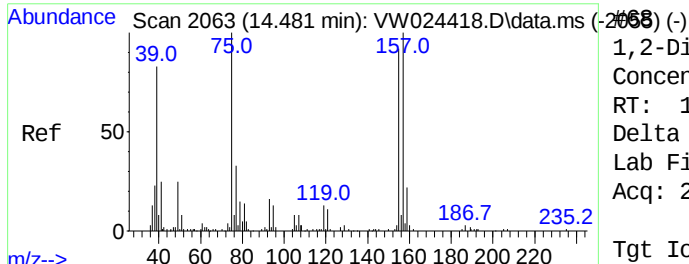
Tgt Ion:	146	Resp:	304725
Ion	Ratio	Lower	Upper
146	100		
111	36.7	27.7	51.5
148	64.2	46.5	86.5



1,2-Dichlorobenzene
Concen: 26.507 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Tgt Ion:	146	Resp:	274131
Ion	Ratio	Lower	Upper
146	100		
111	42.2	34.5	51.7
148	64.2	50.6	75.8

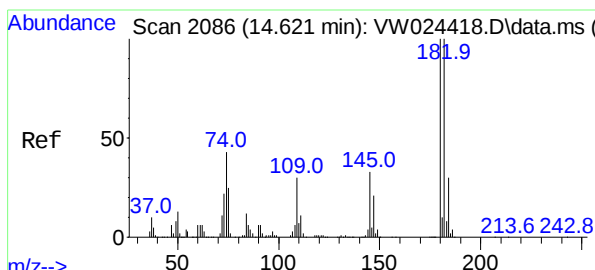
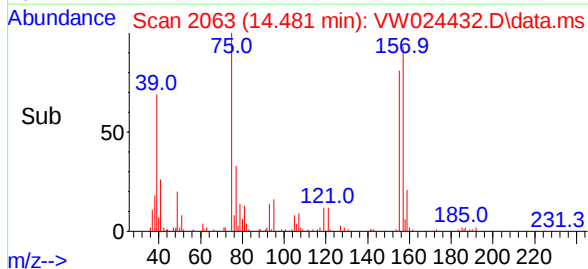
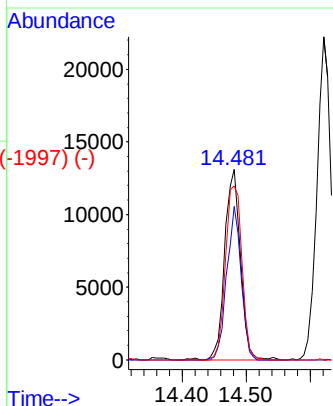
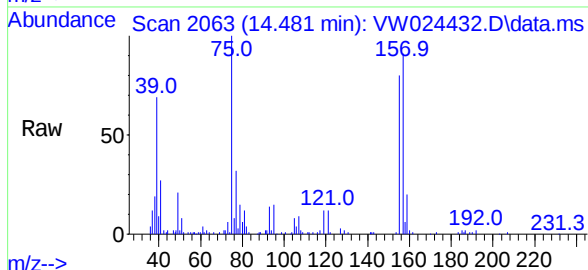




1,2-Dibromo-3-chloropropane
Concen: 22.468 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

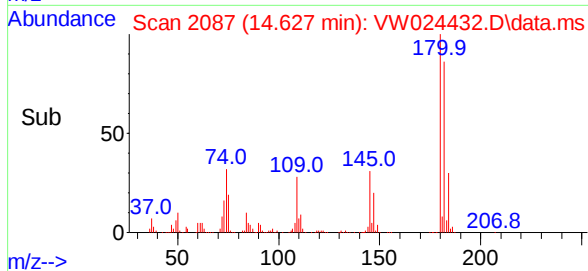
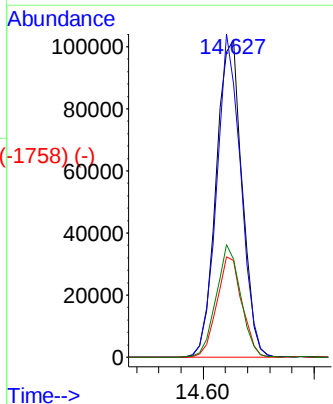
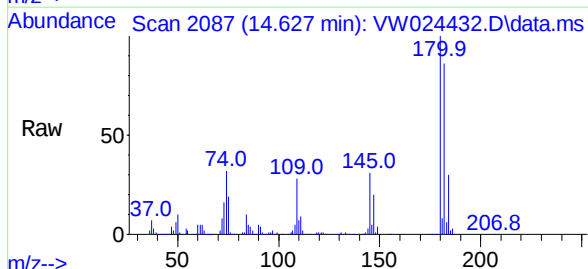
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	75	Resp:	22178
Ion	Ratio	Lower	Upper
75	100		
155	80.5	63.9	95.9
157	91.4	72.2	108.4

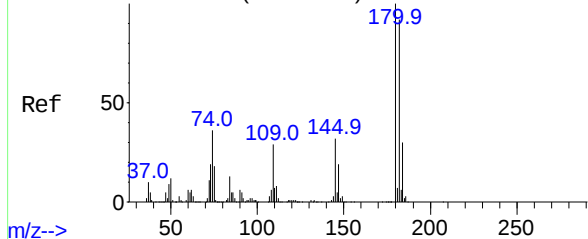


1,3,5-Trichlorobenzene
Concen: 23.324 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Tgt Ion:	180	Resp:	166085
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.6	114.8
184	30.7	24.5	36.7
145	33.4	25.9	38.9



Abundance Scan 2169 (15.127 min): VW024418.D\data.ms (-2169) (-)

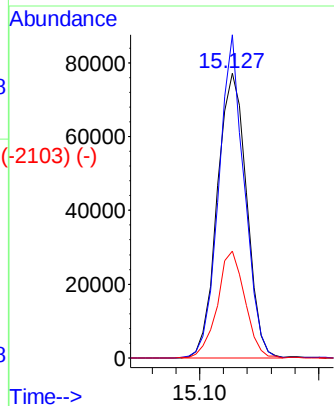
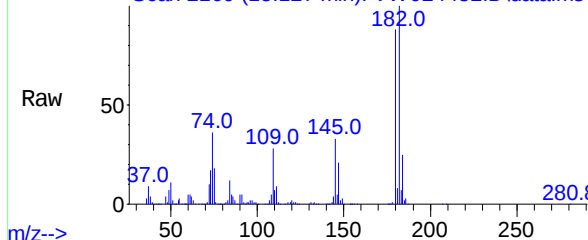


1,2,4-trichlorobenzene
Concen: 23.818 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

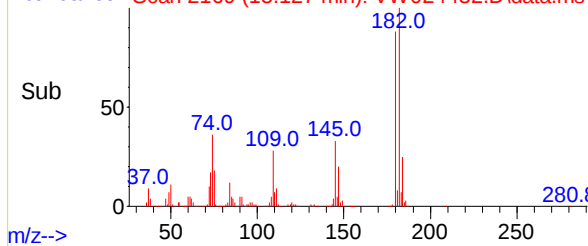
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	180	Resp:	131845
Ion	Ratio	Lower	Upper
180	100		
182	98.6	72.6	109.0
145	35.4	26.2	39.2

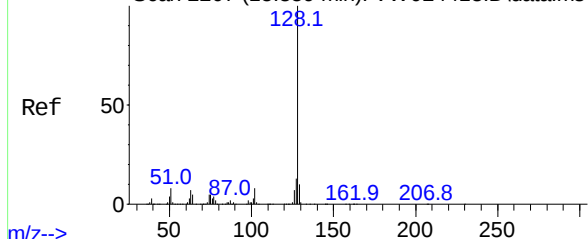
Abundance Scan 2169 (15.127 min): VW024432.D\data.ms



Abundance Scan 2169 (15.127 min): VW024432.D\data.ms (-2103) (-)



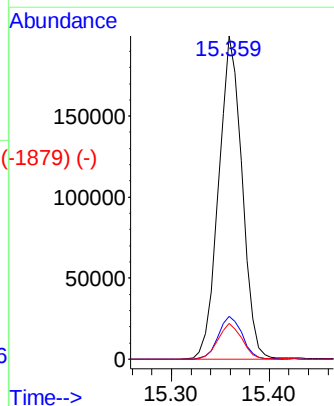
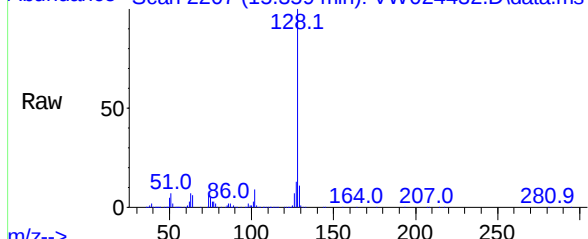
Abundance Scan 2207 (15.359 min): VW024418.D\data.ms (-2179) (-)



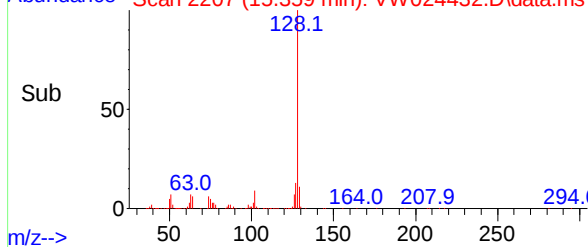
Naphthalene
Concen: 27.259 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

Tgt Ion:	128	Resp:	331396
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.2	8.3	12.5

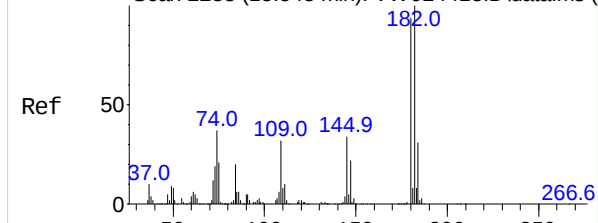
Abundance Scan 2207 (15.359 min): VW024432.D\data.ms



Abundance Scan 2207 (15.359 min): VW024432.D\data.ms (-1879) (-)



Abundance Scan 2238 (15.548 min): VW024418.D\data.ms (-2220) (-)

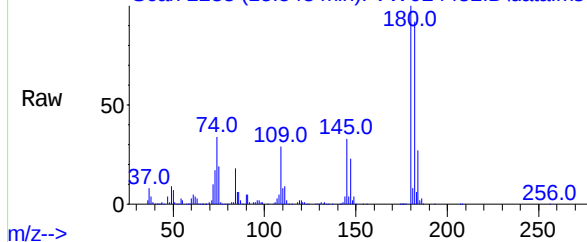


1,2,3-Trichlorobenzene
Concen: 25.882 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024432.D
Acq: 28 Aug 2022 08:35

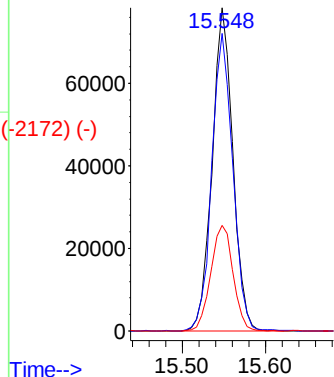
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	74.6	111.8
145	35.1	26.6	40.0

Abundance Scan 2238 (15.548 min): VW024432.D\data.ms



Abundance



Abundance Scan 2238 (15.548 min): VW024432.D\data.ms (-2172) (-)

