

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024398.D
 Acq On : 27 Aug 2022 14:05
 Operator : SY/VA
 Sample : N4363-13MSD
 Misc : 5.60g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 01:47:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 01:46:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	212181	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	294295	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	169948	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	160800	27.492	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	109.960%	
7) Chloroethane-d5	2.873	69	130029	29.671	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	118.680%	
11) 1,1-Dichloroethene-d2	4.013	63	111681	22.016	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	88.080%	
21) 2-Butanone-d5	7.080	46	74492	69.146	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	138.300%#	
24) Chloroform-d	7.647	84	175371	25.709	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	102.840%	
26) 1,2-Dichloroethane-d4	8.305	65	125336	30.298	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	121.200%	
32) Benzene-d6	8.269	84	327325	19.412	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	77.640%	
36) 1,2-Dichloropropane-d6	9.268	67	112820	21.514	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	86.040%	
41) Toluene-d8	10.323	98	409666	25.553	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	102.200%	
43) trans-1,3-Dichloroprop...	10.573	79	65927	26.865	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	107.480%	
47) 2-Hexanone-d5	10.921	63	88817	75.686	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	151.380%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	190066	32.013	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	128.040%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	177116	27.675	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	110.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	39242	18.465	ug/L	96
3) Chloromethane	2.215	50	78240	19.705	ug/L	98
5) Vinyl chloride	2.349	62	169099	24.363	ug/L	99
6) Bromomethane	2.764	94	112145	23.019	ug/L	98
8) Chloroethane	2.910	64	88451	24.395	ug/L	98
9) Trichlorofluoromethane	3.245	101	67646	20.725	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.038	101	25428	8.122	ug/L #	1
12) 1,1-Dichloroethene	4.032	96	54282	21.418	ug/L	80
13) Acetone	4.117	43	31305	48.693	ug/L	97
14) Carbon disulfide	4.373	76	158410	18.807	ug/L	99
15) Methyl Acetate	4.666	43	35508	22.577	ug/L	94
16) Methylene chloride	4.909	84	67071	18.848	ug/L	91
17) trans-1,2-Dichloroethene	5.415	96	61446	20.483	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	110572	22.511	ug/L	96
19) 1,1-Dichloroethane	6.208	63	115912	20.433	ug/L	99
22) 2-Butanone	7.165	43	58602	51.089	ug/L	99
23) Bromochloromethane	7.513	128	33568	20.839	ug/L	95
25) Chloroform	7.671	83	130800	20.782	ug/L	94

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 Response via : Initial Calibration

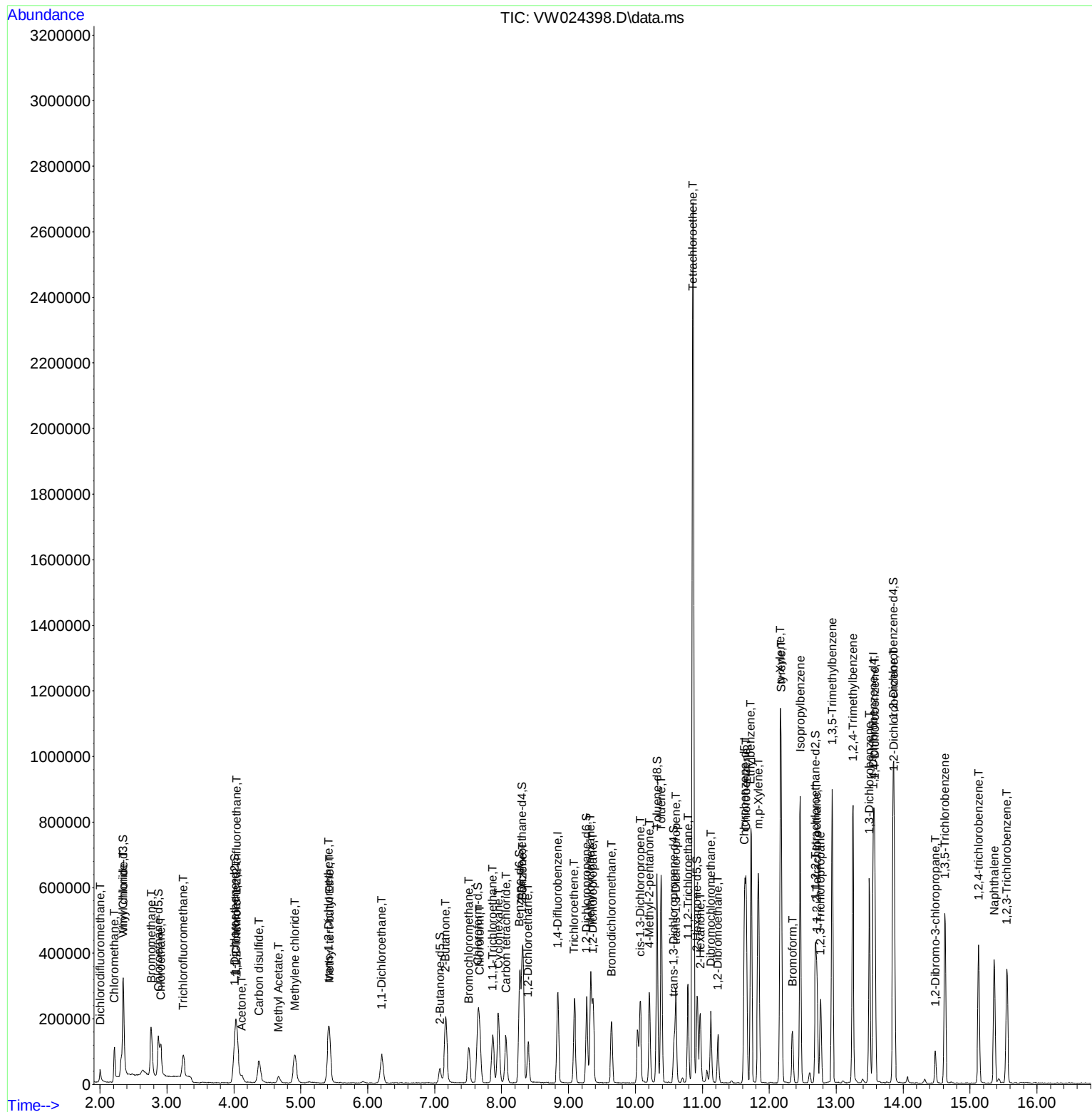
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	110381	24.094	ug/L	100
29) Cyclohexane	7.952	56	105019	16.552	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	105947	15.270	ug/L	96
31) Carbon tetrachloride	8.067	117	98004	15.440	ug/L	100
33) Benzene	8.317	78	310899	16.968	ug/L	100
34) Trichloroethene	9.086	95	81043	16.782	ug/L	97
35) Methylcyclohexane	9.329	83	125783	16.234	ug/L	98
37) 1,2-Dichloropropane	9.366	63	83397	17.637	ug/L #	97
38) Bromodichloromethane	9.640	83	116341	18.067	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	140692	21.285	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	172817	51.397	ug/L	99
42) Toluene	10.384	91	453929	22.448	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	145986	22.729	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	90037	23.350	ug/L	94
46) Tetrachloroethene	10.860	164	533760	142.314	ug/L	97
48) 2-Hexanone	10.969	43	134560	54.254	ug/L	98
49) Dibromochloromethane	11.128	129	108204	23.725	ug/L	89
50) 1,2-Dibromoethane	11.231	107	93412	25.198	ug/L	86
51) Chlorobenzene	11.652	112	308139	22.704	ug/L	99
52) Ethylbenzene	11.725	91	533840	23.879	ug/L	97
53) m,p-Xylene	11.835	106	205525	23.409	ug/L	94
54) o-Xylene	12.164	106	202163	24.632	ug/L	95
55) Styrene	12.176	104	357610	24.649	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	132618	24.640	ug/L	99
59) Bromoform	12.347	173	66584	24.414	ug/L	98
60) Isopropylbenzene	12.463	105	544577	24.126	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	96982	25.235	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	449604	24.702	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	441389	24.967	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	241833	22.408	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	245240	21.524	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	217564	21.506	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	22367	23.165	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	149920	21.523	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	113463	20.954	ug/L	93
71) Naphthalene	15.359	128	312452	26.274	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	114035	22.283	ug/L	98

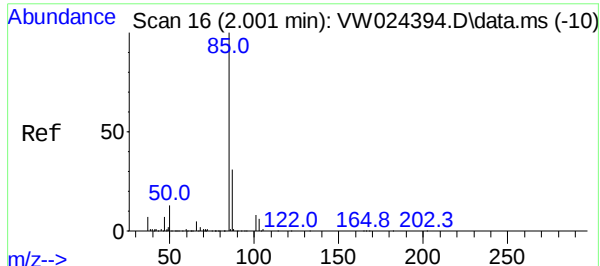
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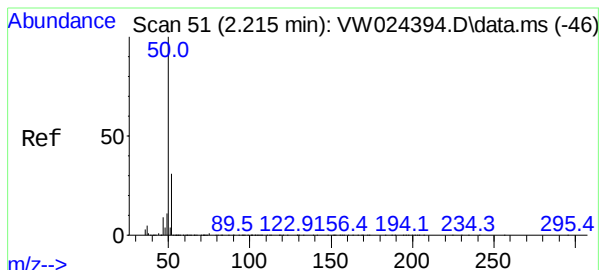
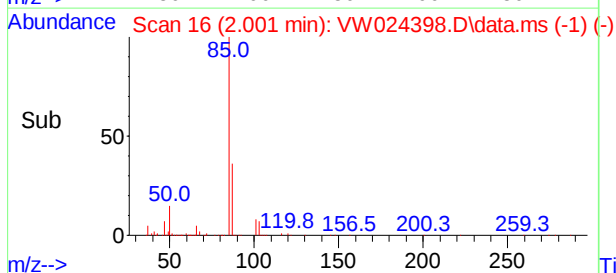
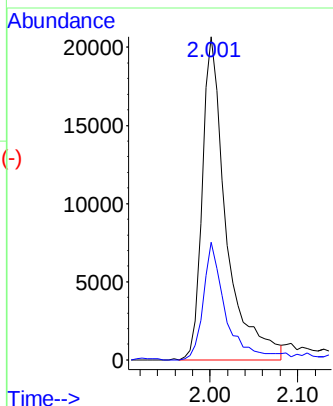
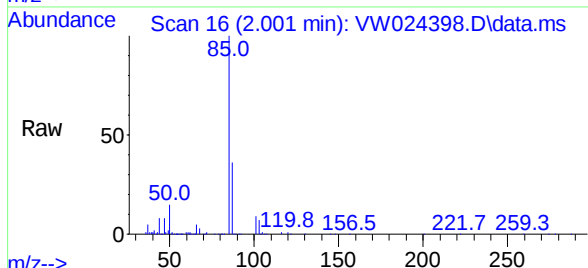




Dichlorodifluoromethane
 Concen: 18.465 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

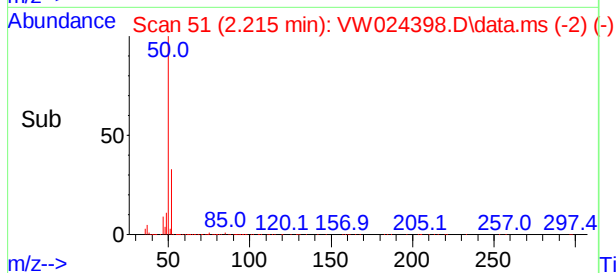
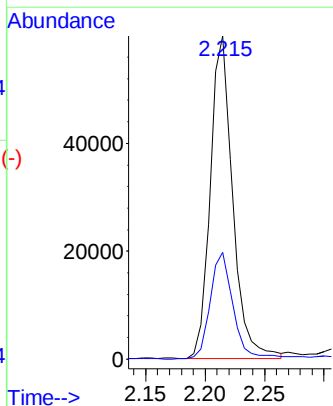
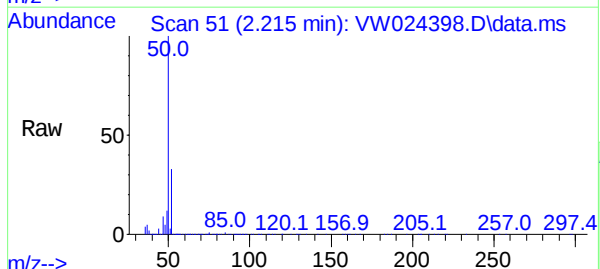
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 MSVOA_W
 ClientSampleId :

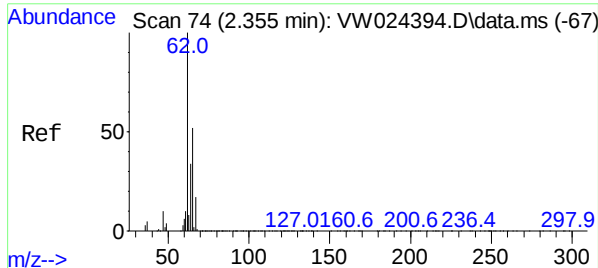
Tgt Ion: 85 Resp: 39242
 Ion Ratio Lower Upper
 85 100
 87 32.9 24.7 37.1



Chloromethane
 Concen: 19.705 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

Tgt Ion: 50 Resp: 78240
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.5





Vinyl chloride

Concen: 24.363 ug/L

RT: 2.349 min Scan#

Delta R.T. -0.006 min

Lab File: VW024398.D

Acq: 27 Aug 2022 14:05

Instrument :

MSVOA_W

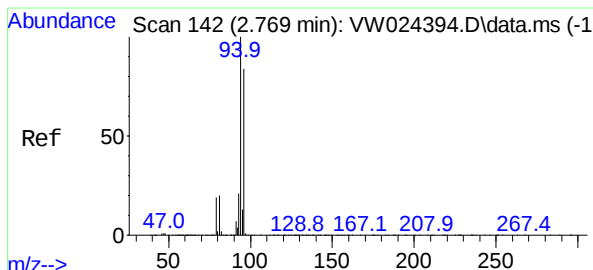
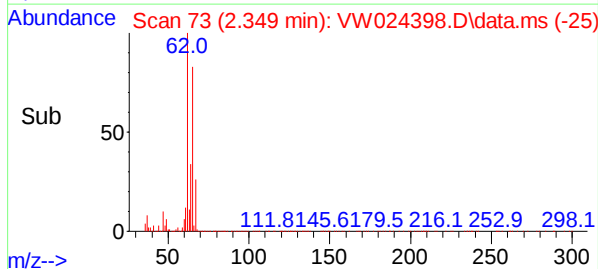
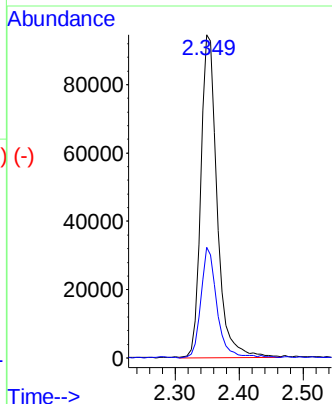
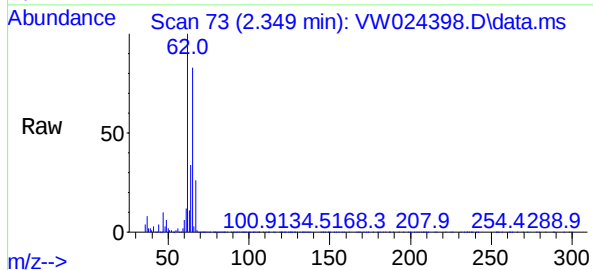
ClientSampleId :

Tgt Ion: 62 Resp: 169099

Ion Ratio Lower Upper

62 100

64 34.3 23.6 43.8



Bromomethane

Concen: 23.019 ug/L

RT: 2.764 min Scan# 141

Delta R.T. -0.006 min

Lab File: VW024398.D

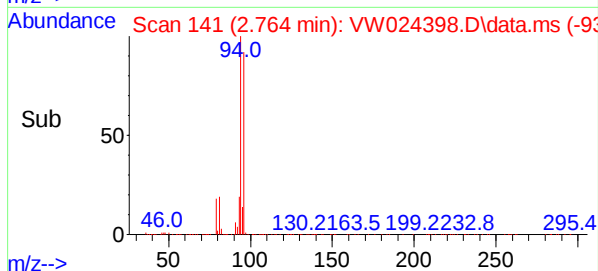
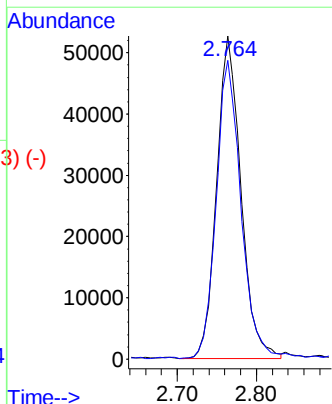
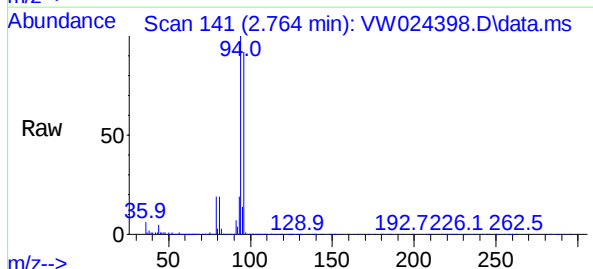
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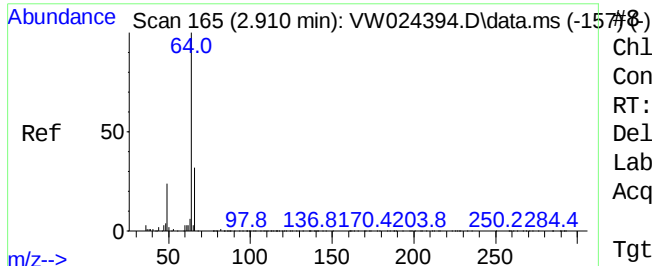
Tgt Ion: 94 Resp: 112145

Ion Ratio Lower Upper

94 100

96 92.4 63.6 118.0





Chloroethane

Concen: 24.395 ug/L

RT: 2.910 min Scan# 165

Delta R.T. 0.000 min

Lab File: VW024398.D

Acq: 27 Aug 2022 14:05

Instrument :

MSVOA_W

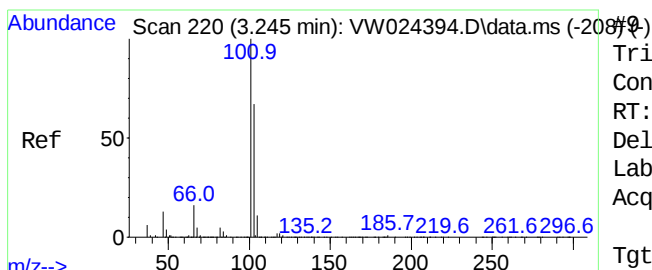
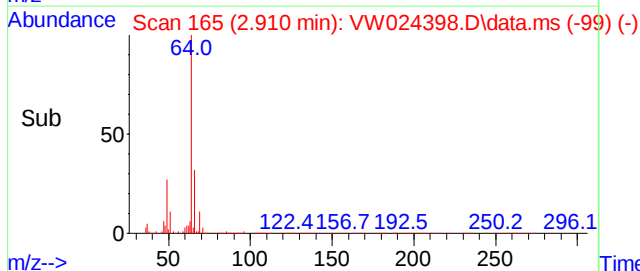
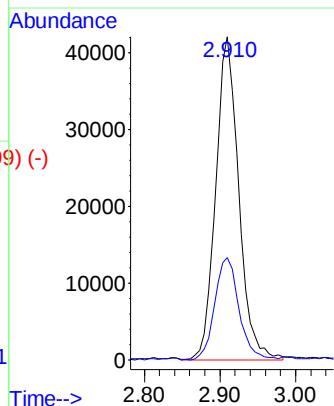
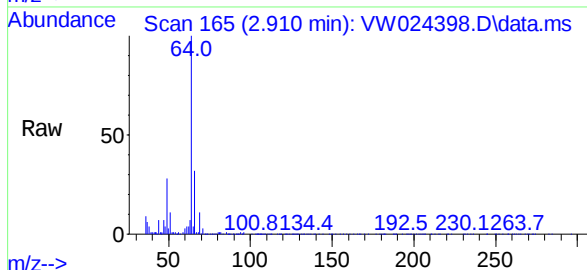
ClientSampleId :

Tgt Ion: 64 Resp: 88451

Ion Ratio Lower Upper

64 100

66 31.6 23.0 42.6



Trichlorofluoromethane

Concen: 20.725 ug/L

RT: 3.245 min Scan# 220

Delta R.T. 0.000 min

Lab File: VW024398.D

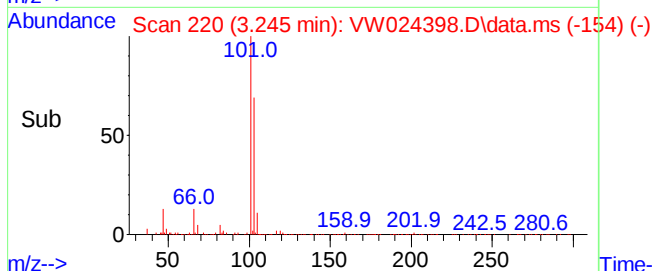
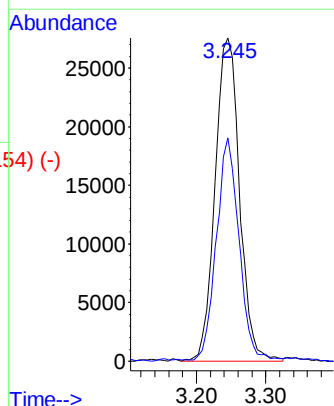
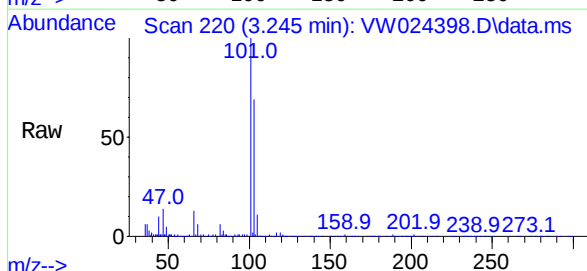
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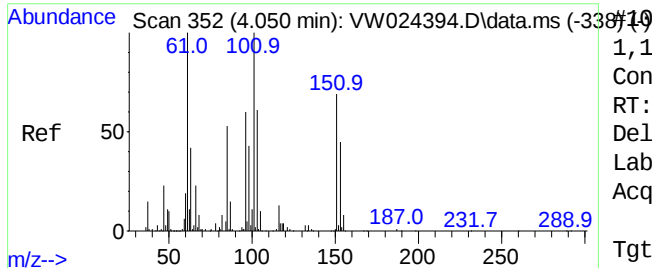
Tgt Ion: 101 Resp: 67646

Ion Ratio Lower Upper

101 100

103 63.2 50.4 75.6

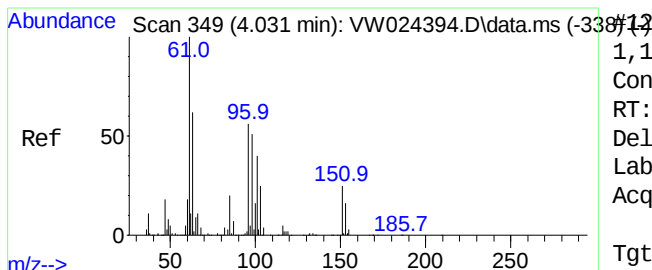
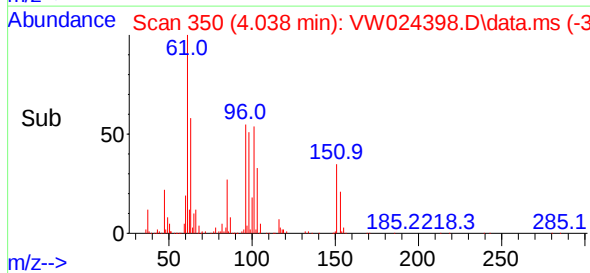
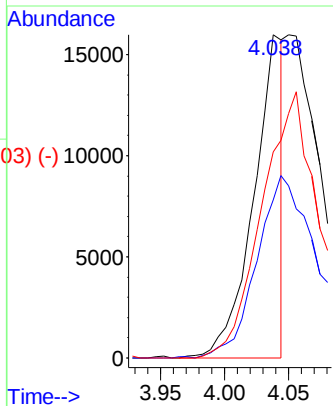
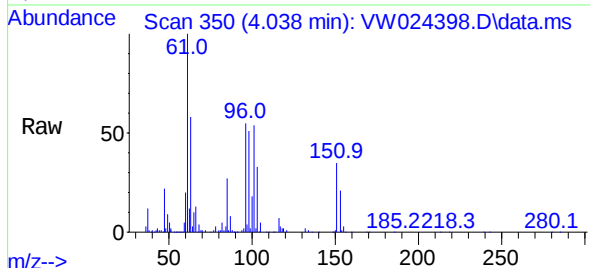




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.122 ug/L
 RT: 4.038 min Scan# 10
 Delta R.T. -0.012 min
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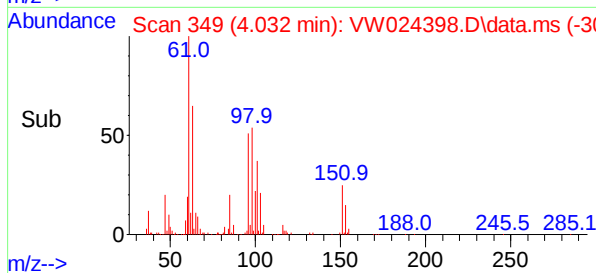
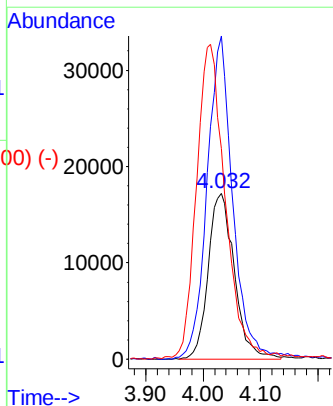
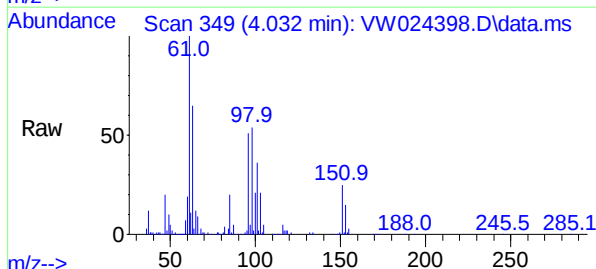
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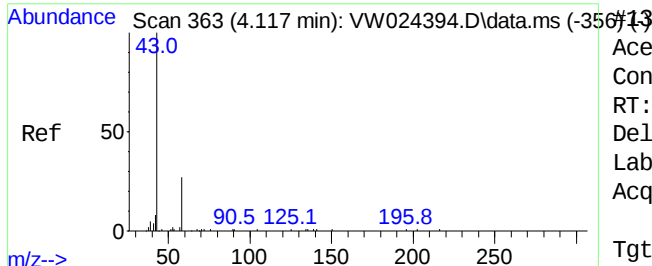
Tgt Ion:	101	Resp:	25428
Ion	Ratio	Lower	Upper
101	100		
85	113.3	39.1	58.7#
151	162.4	56.8	85.2#



1,1-Dichloroethene
 Concen: 21.418 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
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Tgt Ion:	96	Resp:	54282
Ion	Ratio	Lower	Upper
96	100		
61	194.8	118.8	220.6
63	126.7	72.8	135.2





Acetone

Concen: 48.693 ug/L

RT: 4.117 min Scan#

Delta R.T. 0.000 min

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Instrument :

MSVOA_W

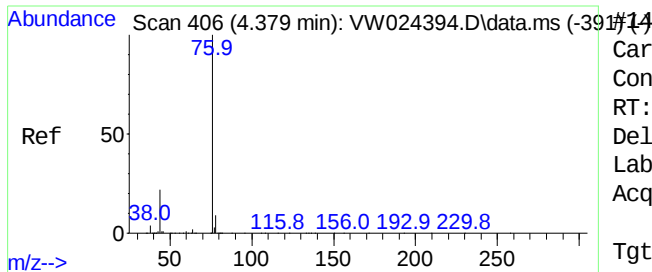
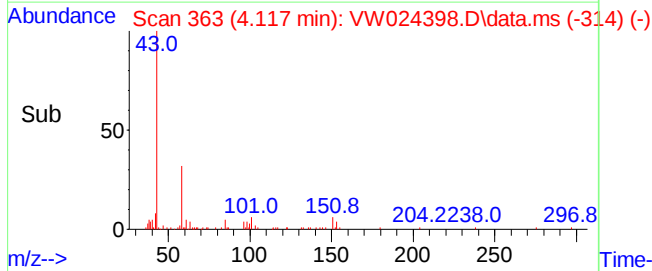
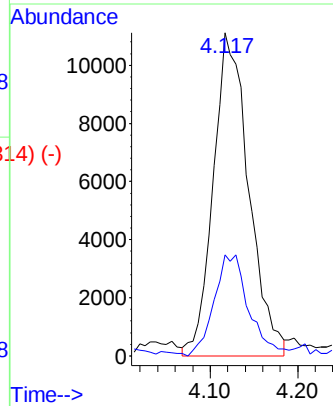
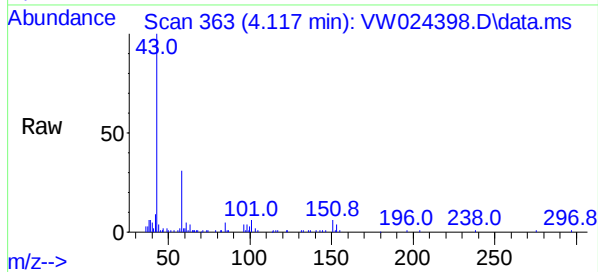
ClientSampleId :

Tgt Ion: 43 Resp: 31305

Ion Ratio Lower Upper

43 100

58 30.7 0.0 58.4



Carbon disulfide

Concen: 18.807 ug/L

RT: 4.373 min Scan# 405

Delta R.T. -0.006 min

Lab File: VW024398.D

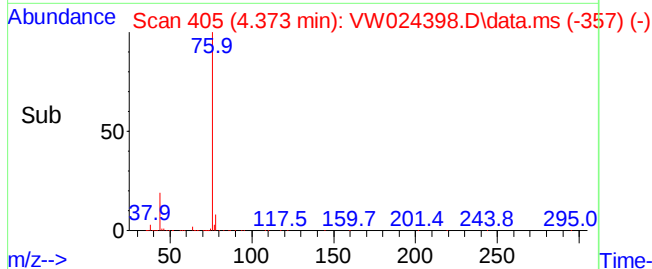
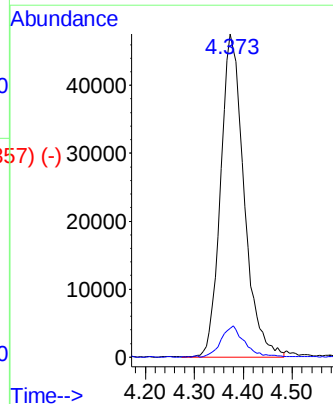
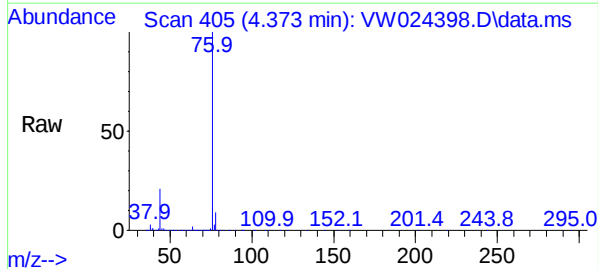
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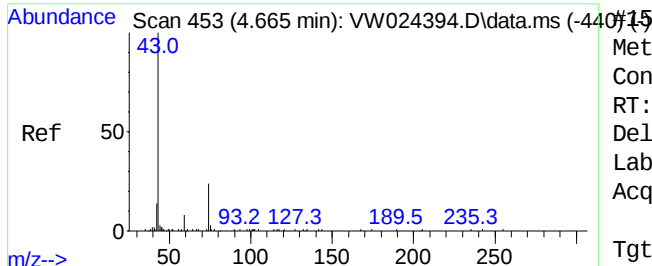
Tgt Ion: 76 Resp: 158410

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2





Methyl Acetate

Concen: 22.577 ug/L

RT: 4.666 min Scan# 453

Delta R.T. 0.000 min

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MSVOA_W

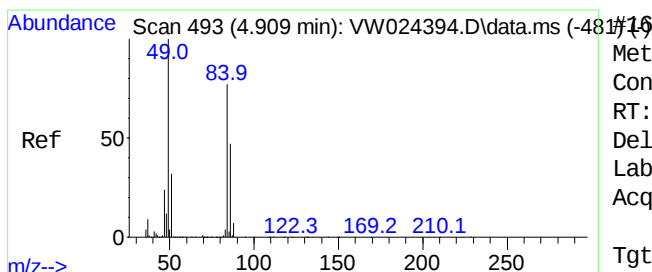
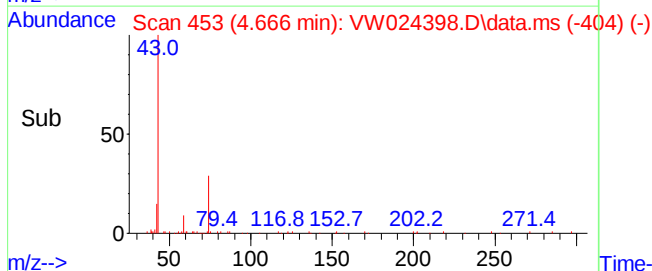
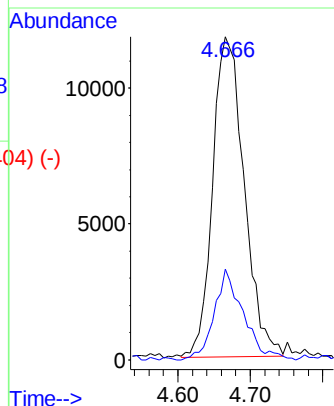
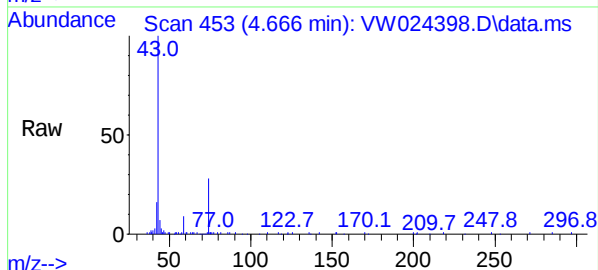
ClientSampleId :

Tgt Ion: 43 Resp: 35508

Ion Ratio Lower Upper

43 100

74 25.1 17.9 26.9



Methylene chloride

Concen: 18.848 ug/L

RT: 4.909 min Scan# 493

Delta R.T. 0.000 min

Lab File: VW024398.D

Acq: 27 Aug 2022 14:05

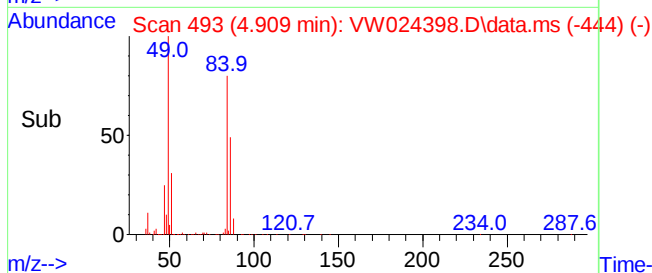
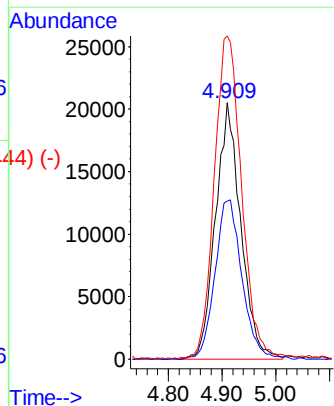
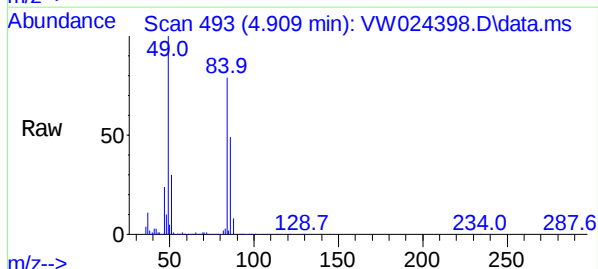
Tgt Ion: 84 Resp: 67071

Ion Ratio Lower Upper

84 100

86 61.7 47.7 88.7

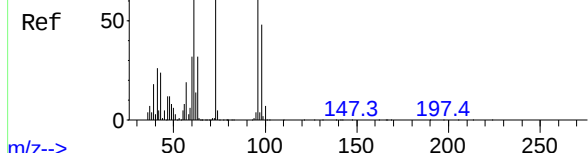
49 126.0 96.6 179.4



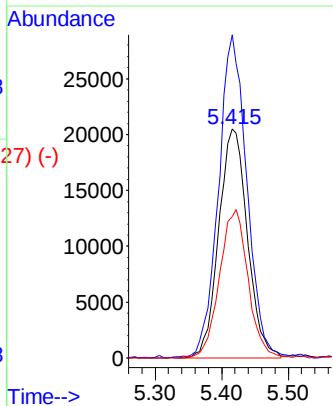
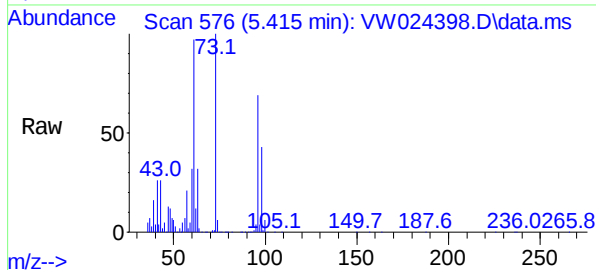
Abundance Scan 576 (5.415 min): VW024394.D\data.ms (-563) #17

trans-1,2-Dichloroethene
Concen: 20.483 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

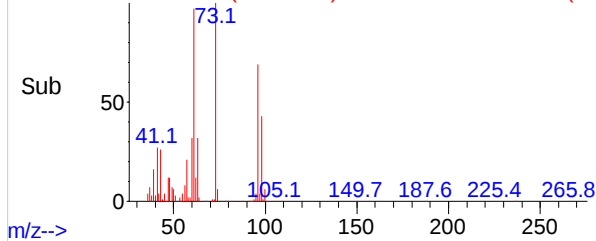
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	96	Resp:	61446
Ion	Ratio	Lower	Upper
96	100		
61	141.0	92.1	171.1
98	61.8	44.7	83.1



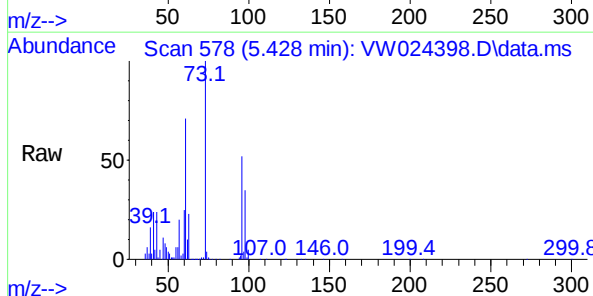
Abundance Scan 576 (5.415 min): VW024398.D\data.ms (-527) (-)



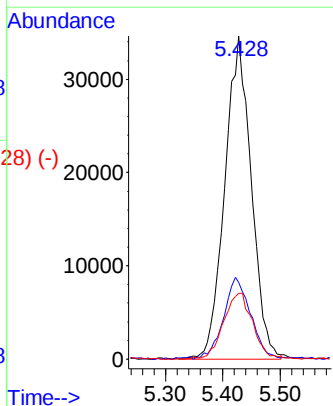
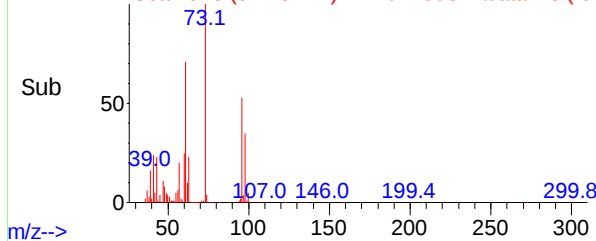
Abundance Scan 577 (5.421 min): VW024394.D\data.ms (-564) #18

Methyl tert-butyl Ether
Concen: 22.511 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

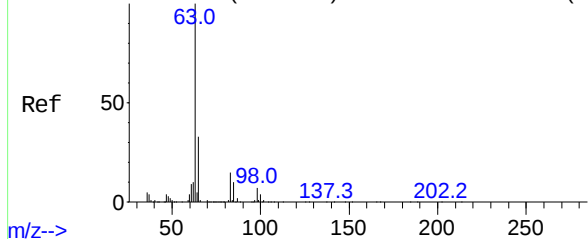
Tgt Ion:	73	Resp:	110572
Ion	Ratio	Lower	Upper
73	100		
43	25.7	18.8	28.2
57	21.3	18.1	27.1



Abundance Scan 578 (5.428 min): VW024398.D\data.ms (-528) (-)

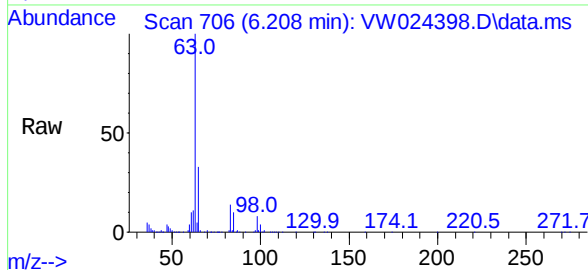


Abundance Scan 706 (6.208 min): VW024394.D\data.ms (-692) #19

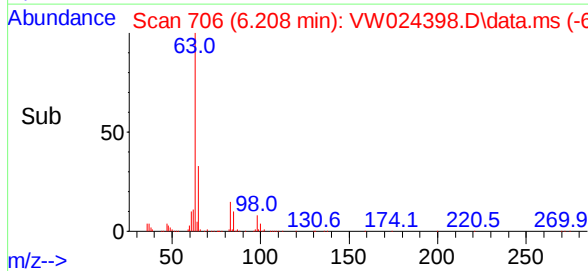
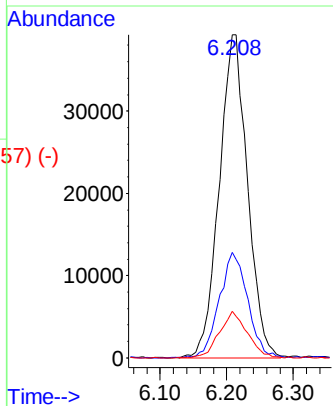


1,1-Dichloroethane
Concen: 20.433 ug/L
RT: 6.208 min Scan# 19
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

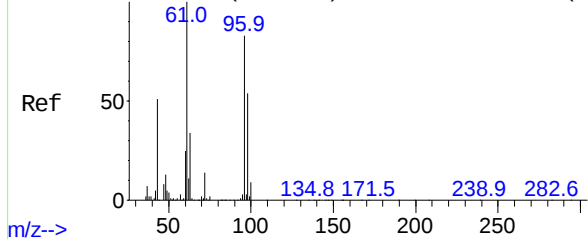
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	63	Resp:	115912
Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.6	43.8
83	14.5	10.4	19.4

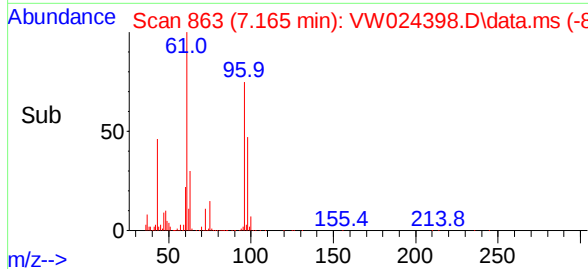
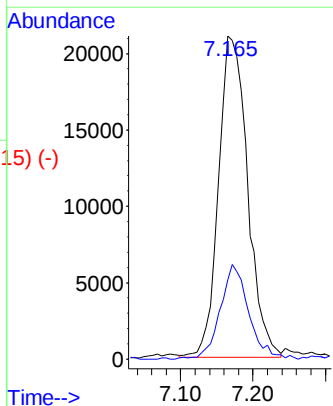
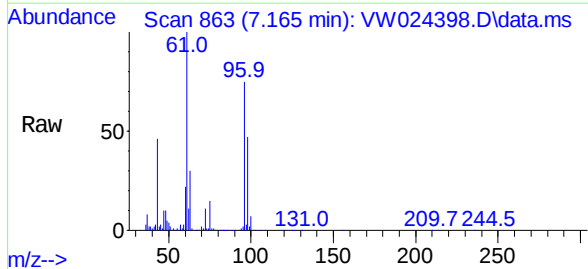


Abundance Scan 864 (7.171 min): VW024394.D\data.ms (-853) #22

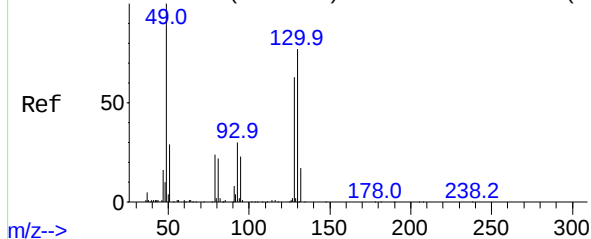


2-Butanone
Concen: 51.089 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion:	43	Resp:	58602
Ion	Ratio	Lower	Upper
43	100		
72	27.2	13.9	41.6



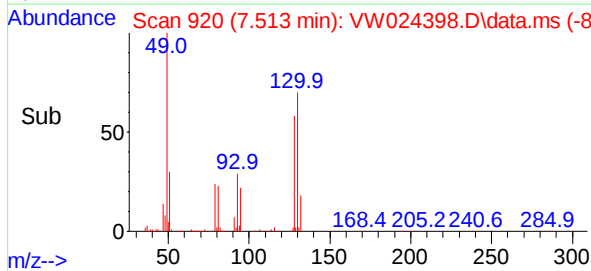
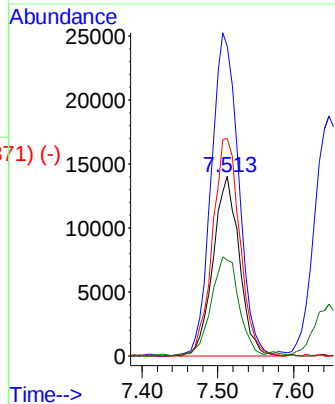
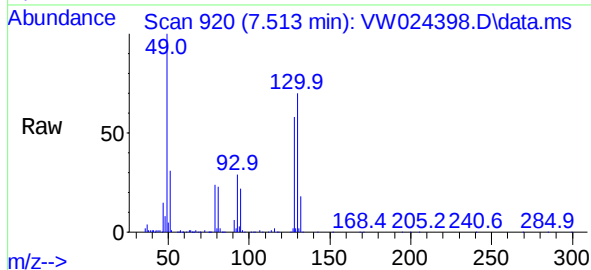
Abundance Scan 920 (7.513 min): VW024394.D\data.ms (-909) #23



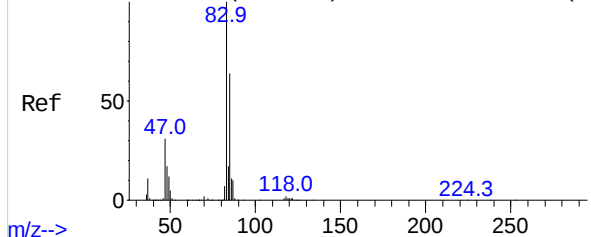
Bromochloromethane
Concen: 20.839 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	33568
Ion	Ratio	Lower	Upper
128	100		
49	172.4	122.1	226.7
130	121.0	91.1	169.1
51	53.2	39.0	58.4

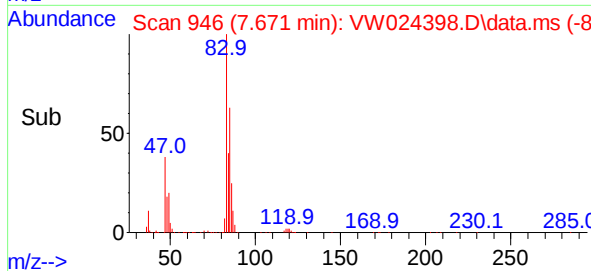
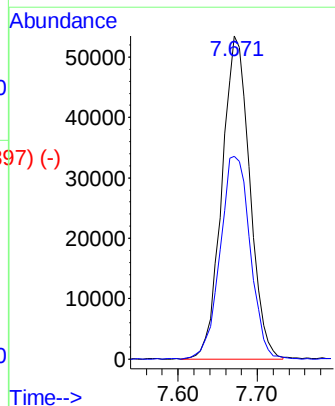
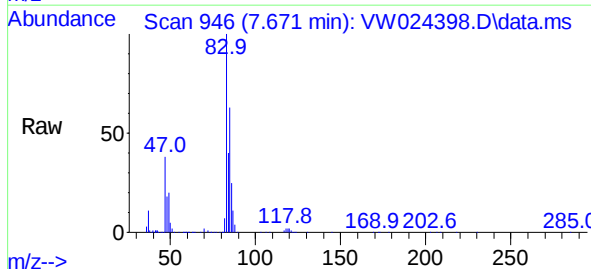


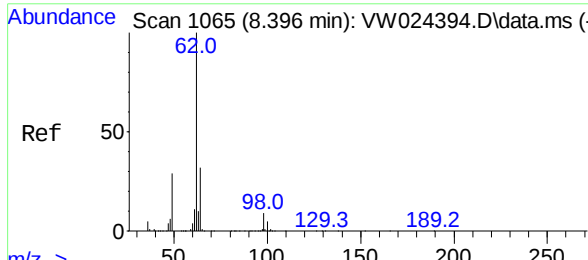
Abundance Scan 946 (7.671 min): VW024394.D\data.ms (-936) #25



Chloroform
Concen: 20.782 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion:	83	Resp:	130800
Ion	Ratio	Lower	Upper
83	100		
85	62.7	47.5	88.1





1,2-Dichloroethane

Concen: 24.094 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024398.D

Acq: 27 Aug 2022 14:05

Instrument :

MSVOA_W

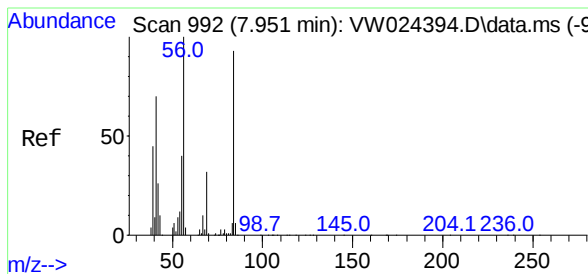
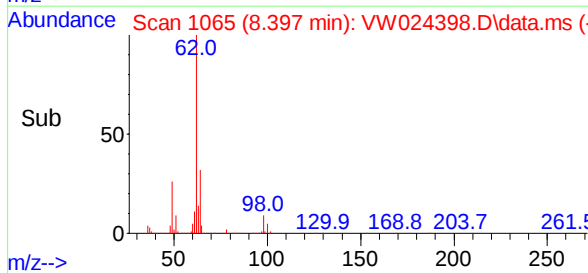
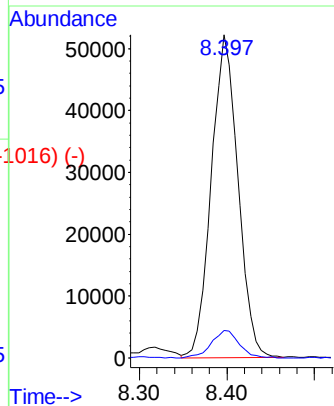
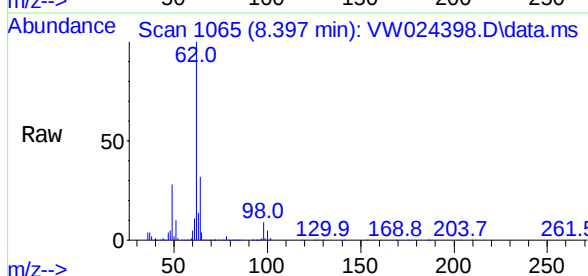
ClientSampleId :

Tgt Ion: 62 Resp: 110381

Ion Ratio Lower Upper

62 100

98 8.5 6.7 10.1



Cyclohexane

Concen: 16.552 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024398.D

Acq: 27 Aug 2022 14:05

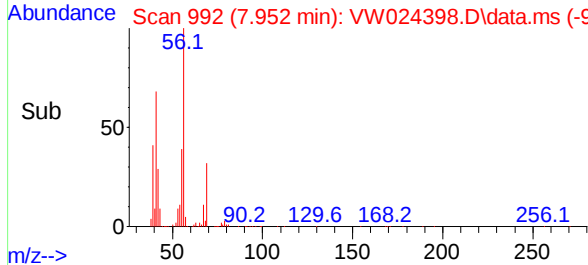
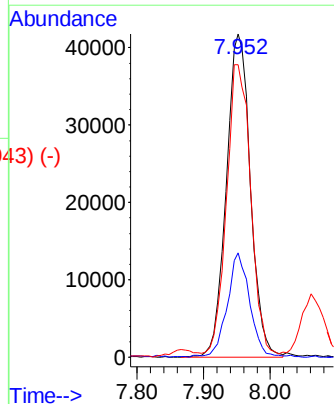
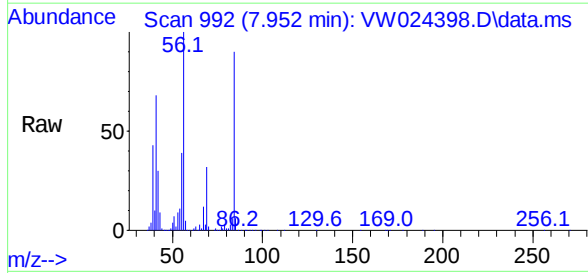
Tgt Ion: 56 Resp: 105019

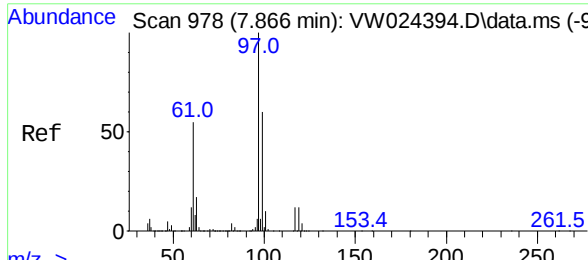
Ion Ratio Lower Upper

56 100

69 29.6 23.5 35.3

84 91.7 72.2 108.4

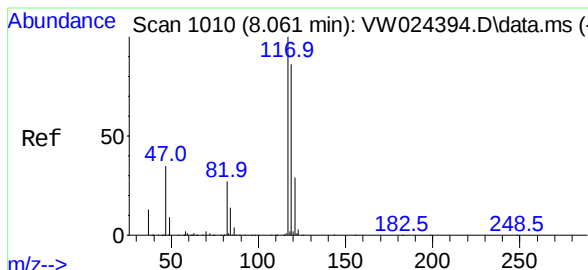
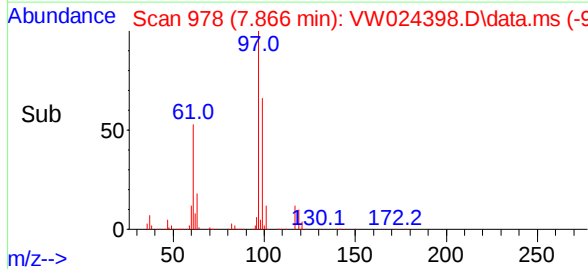
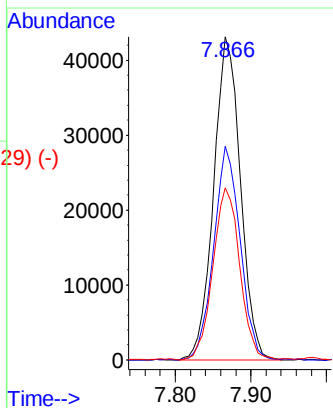
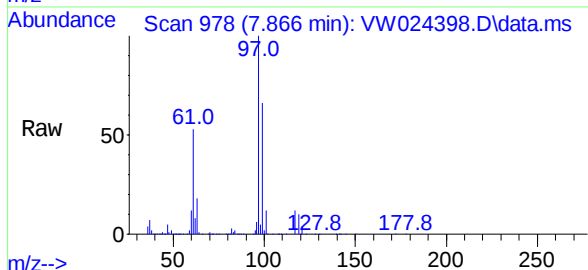




1,1,1-Trichloroethane
 Concen: 15.270 ug/L
 RT: 7.866 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

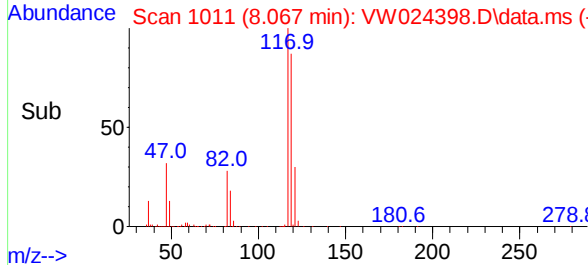
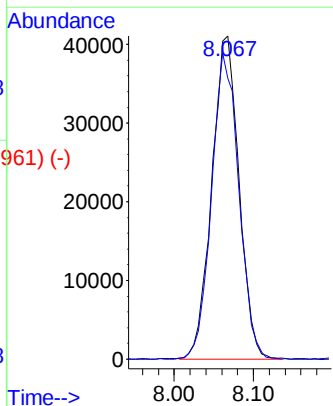
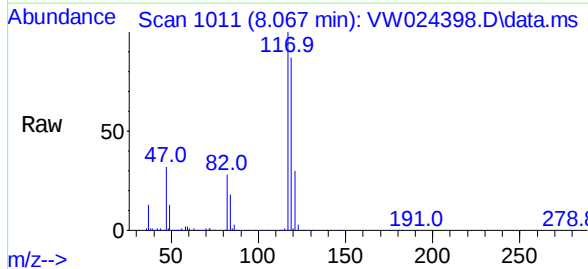
Instrument :
 MSVOA_W
 ClientSampleId :

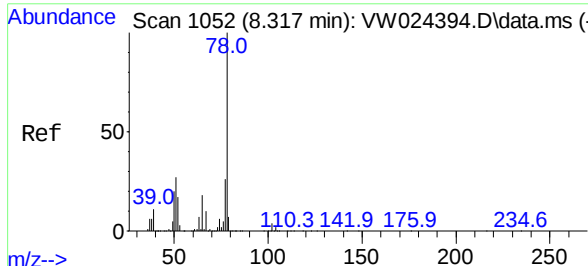
Tgt Ion:	97	Resp:	105947
Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.2	75.2
61	53.5	40.2	60.4



Carbon tetrachloride
 Concen: 15.440 ug/L
 RT: 8.067 min Scan# 1011
 Delta R.T. 0.006 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

Tgt Ion:	117	Resp:	98004
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.9	113.9

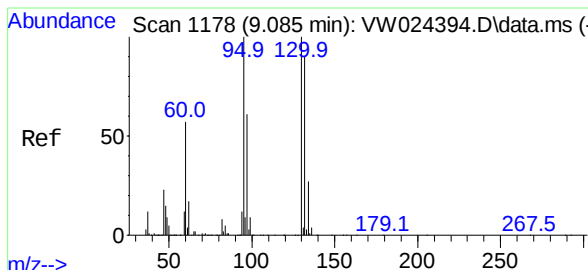
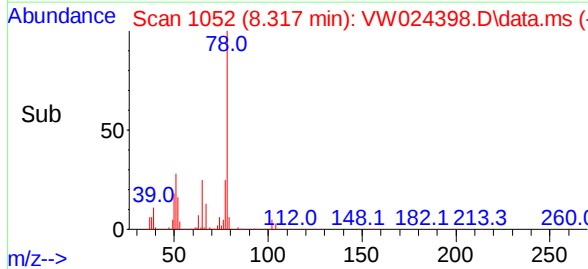
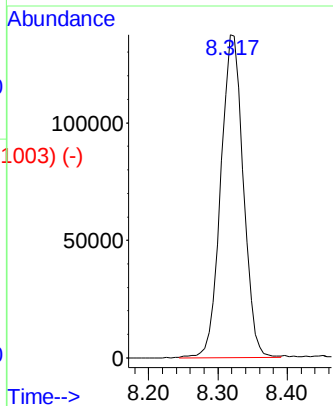
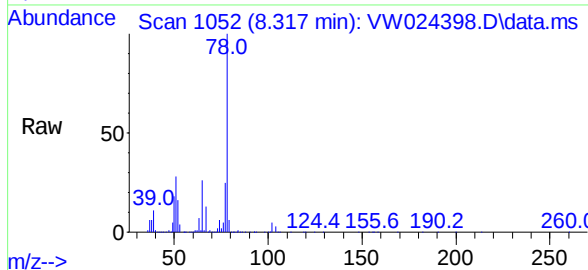




Scan 1052 (8.317 min): VW024394.D\data.ms (-1053) (-)
 Benzene
 Concen: 16.968 ug/L
 RT: 8.317 min Scan# 1052
 Delta R.T. 0.000 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

Instrument : MSVOA_W
 ClientSampleId :

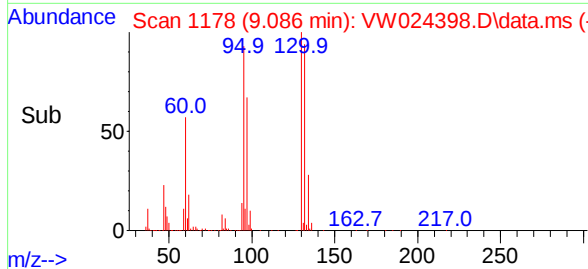
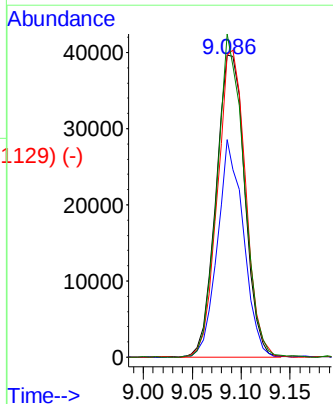
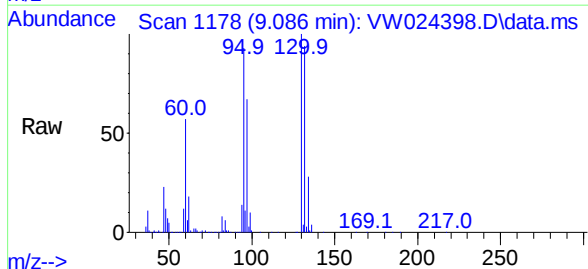
Tgt Ion: 78 Resp: 310899

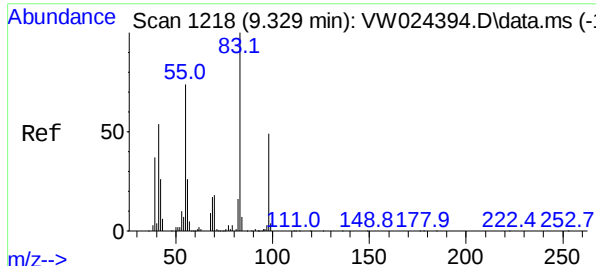


Scan 1178 (9.086 min): VW024394.D\data.ms (-1179) (-)
 Trichloroethene
 Concen: 16.782 ug/L
 RT: 9.086 min Scan# 1178
 Delta R.T. 0.000 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

Tgt Ion: 95 Resp: 81043

Ion	Ratio	Lower	Upper
95	100		
97	72.1	48.4	89.8
132	100.1	68.6	127.4
130	107.1	72.6	134.8

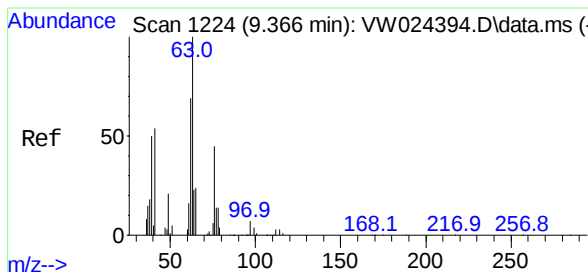
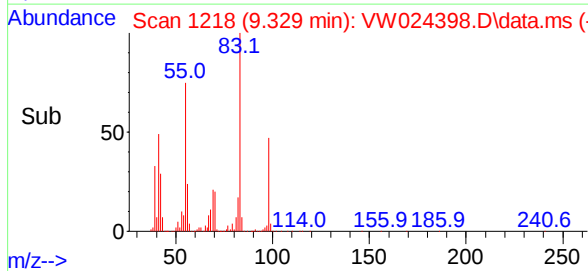
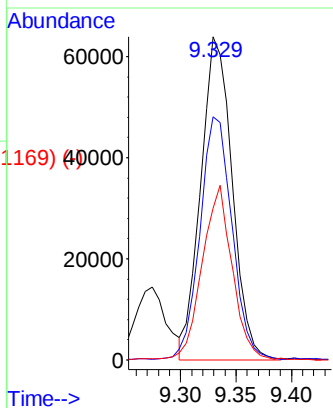
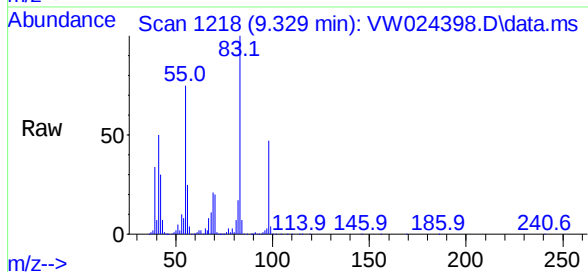




Methylcyclohexane
 Concen: 16.234 ug/L
 RT: 9.329 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

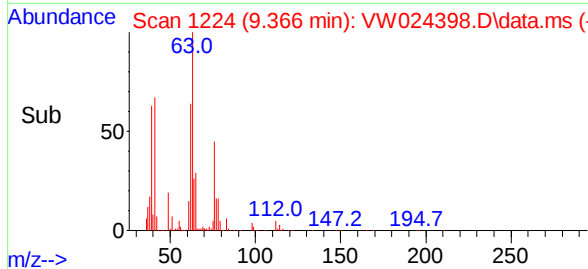
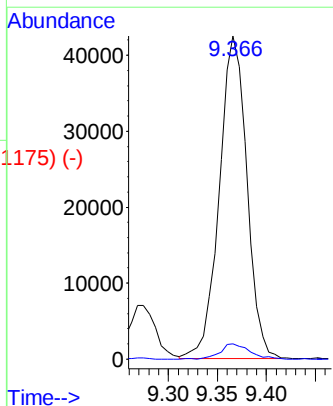
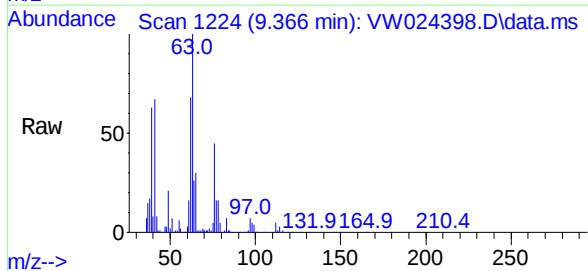
Instrument :
 MSVOA_W
 ClientSampleId :

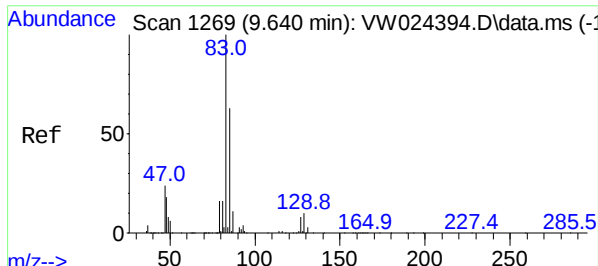
Tgt Ion:	83	Resp:	125783
Ion	Ratio	Lower	Upper
83	100		
55	76.7	60.1	90.1
98	51.6	40.5	60.7



1,2-Dichloropropane
 Concen: 17.637 ug/L
 RT: 9.366 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

Tgt Ion:	63	Resp:	83397
Ion	Ratio	Lower	Upper
63	100		
112	5.0	3.4	5.0#

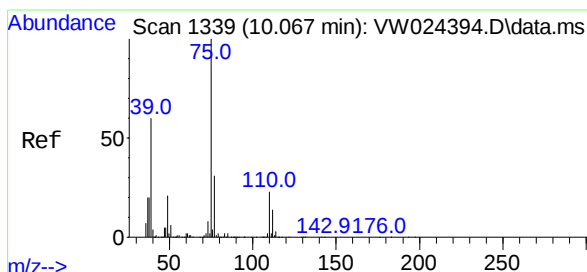
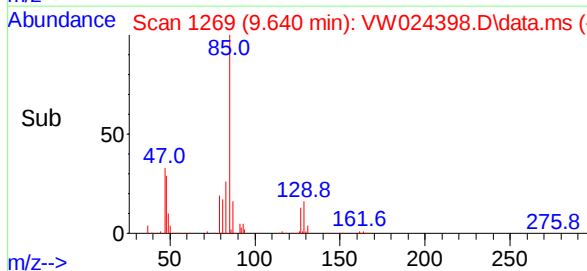
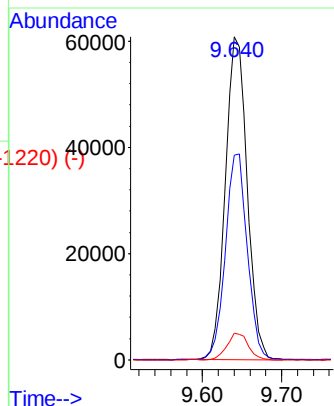
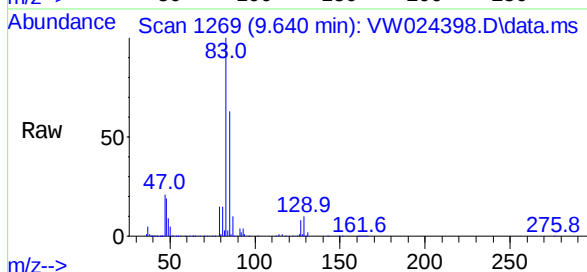




Bromodichloromethane
Concen: 18.067 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

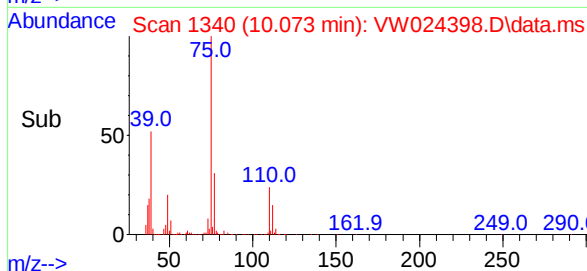
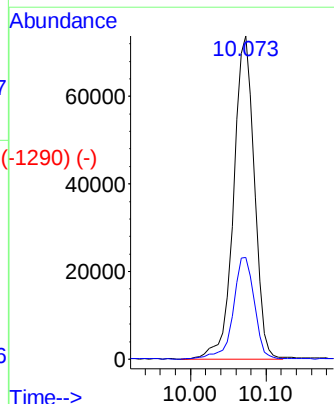
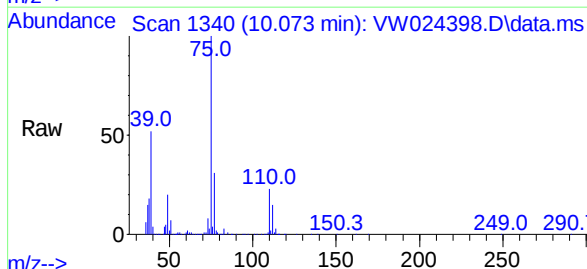
Instrument :
MSVOA_W
ClientSampleId :

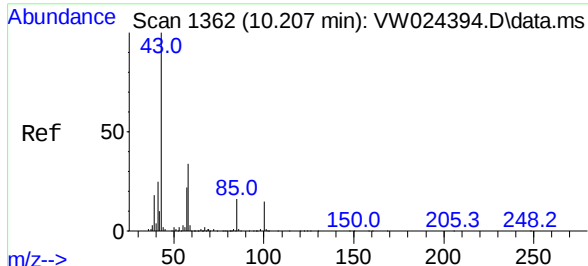
Tgt Ion:	83	Resp:	116341
Ion	Ratio	Lower	Upper
83	100		
85	63.3	46.3	85.9
127	8.2	6.7	10.1



cis-1,3-Dichloropropene
Concen: 21.285 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.006 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion:	75	Resp:	140692
Ion	Ratio	Lower	Upper
75	100		
77	31.5	21.8	40.6

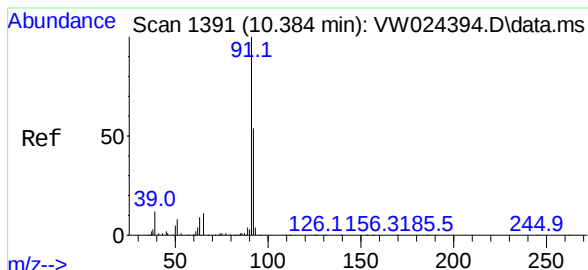
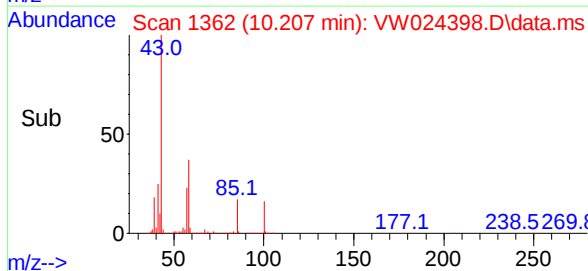
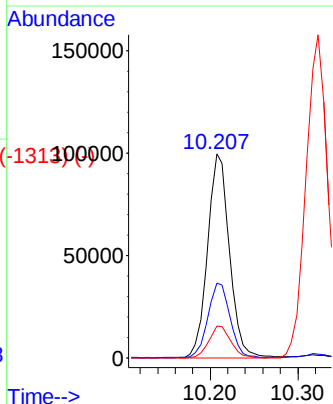
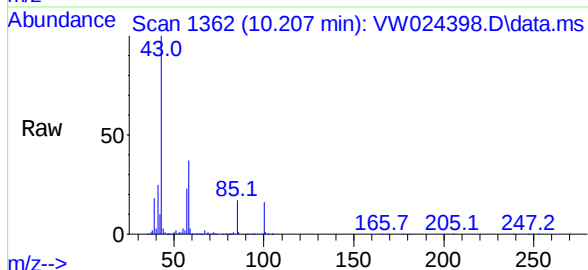




4-Methyl-2-pentanone
Concen: 51.397 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

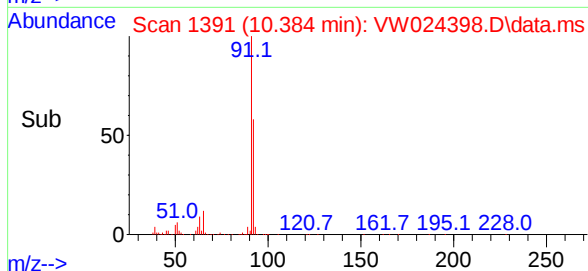
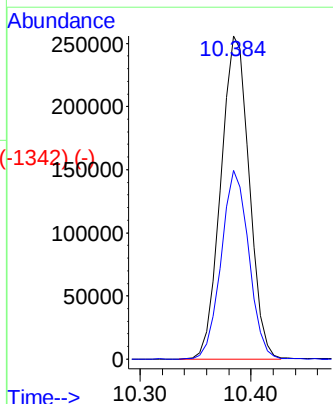
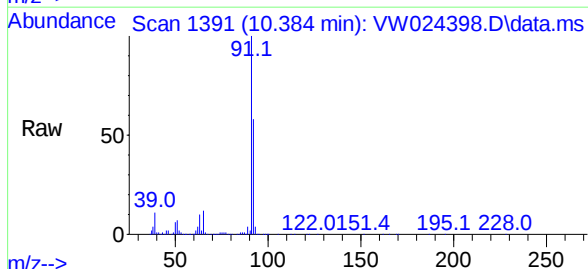
Instrument :
MSVOA_W
ClientSampleId :

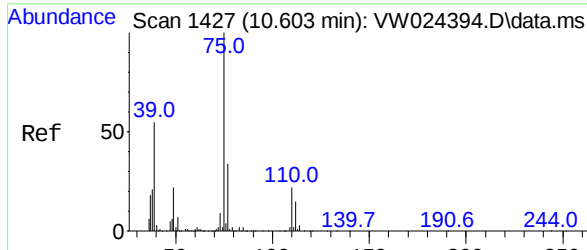
Tgt Ion:	43	Resp:	172817
Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.4	44.2
100	15.6	11.8	17.8



Toluene
Concen: 22.448 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion:	91	Resp:	453929
Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.0	74.4

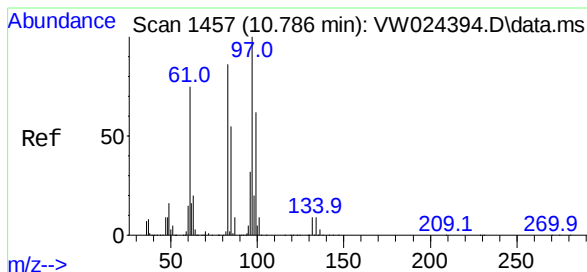
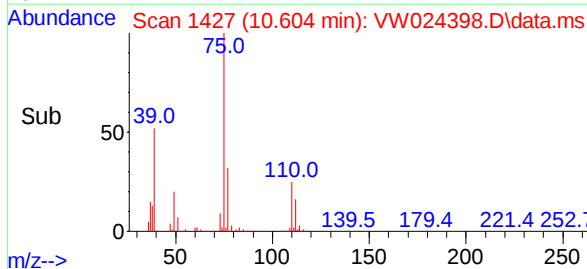
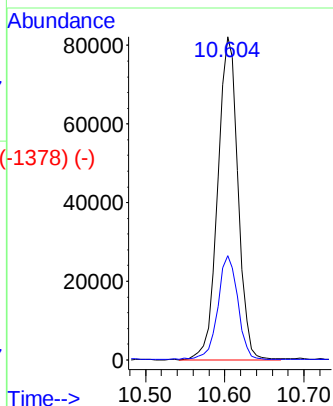
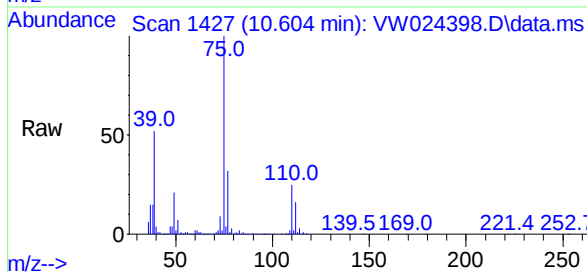




trans-1,3-Dichloropropene
Concen: 22.729 ug/L
RT: 10.604 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

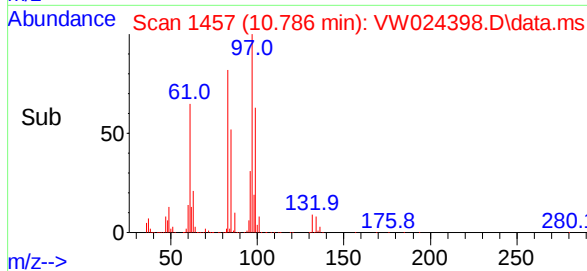
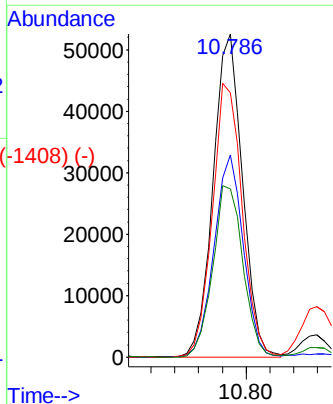
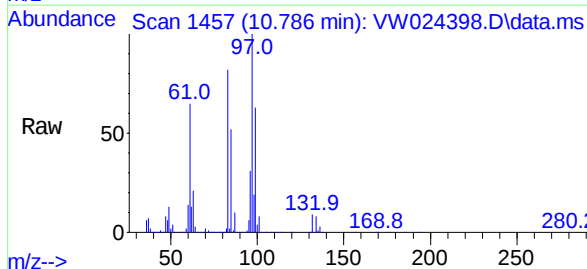
Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 145986
Ion Ratio Lower Upper
75 100
77 32.3 21.1 39.1



1,1,2-Trichloroethane
Concen: 23.350 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion: 97 Resp: 90037
Ion Ratio Lower Upper
97 100
99 62.6 40.4 75.0
83 81.8 60.1 111.5
85 52.1 40.9 76.0



Abundance Scan 1469 (10.859 min): VW024394.D\data.ms (-1469) (-)

Tetrachloroethene

Concen: 142.314 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

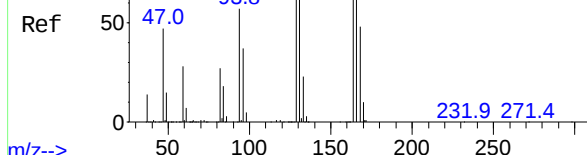
Lab File: VW024398.D

Acq: 27 Aug 2022 14:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 533760

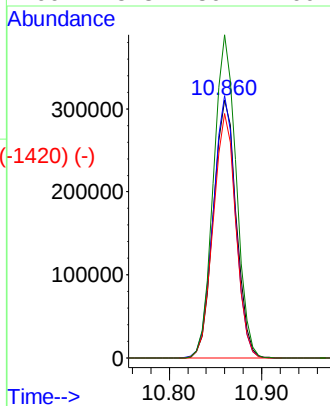
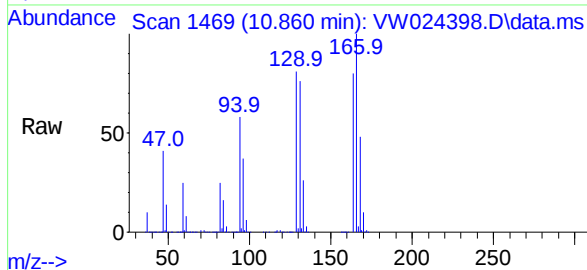
Ion Ratio Lower Upper

164 100

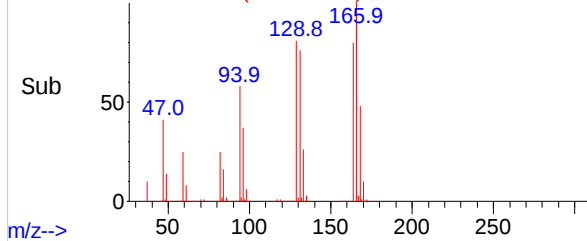
129 101.7 72.9 135.3

131 94.8 63.7 118.3

166 125.3 86.2 160.0



Abundance Scan 1469 (10.860 min): VW024398.D\data.ms (-1420) (-)



Abundance Scan 1487 (10.969 min): VW024394.D\data.ms (-1487) (-)

2-Hexanone

Concen: 54.254 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW024398.D

Acq: 27 Aug 2022 14:05

Tgt Ion: 43 Resp: 134560

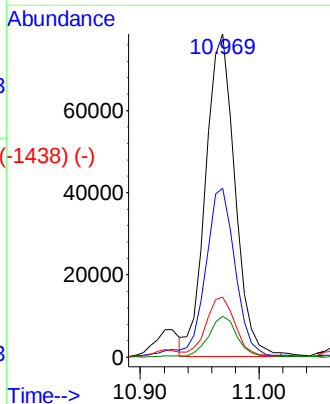
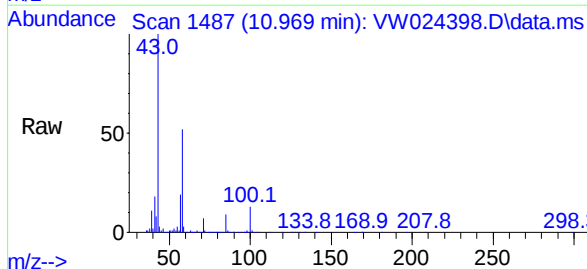
Ion Ratio Lower Upper

43 100

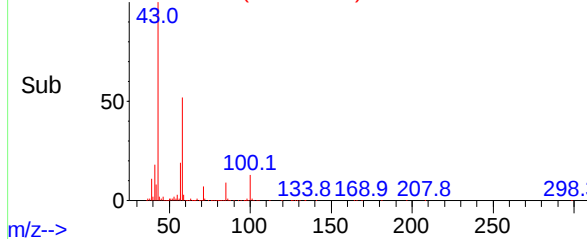
58 52.1 40.6 61.0

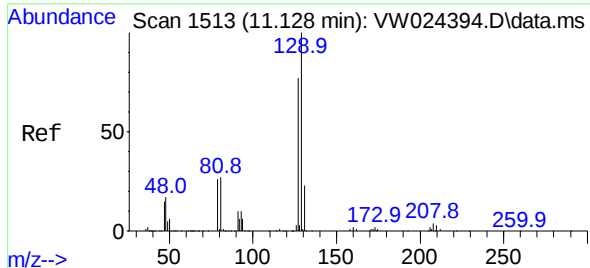
57 18.7 14.2 21.2

100 12.4 9.8 14.6



Abundance Scan 1487 (10.969 min): VW024398.D\data.ms (-1438) (-)

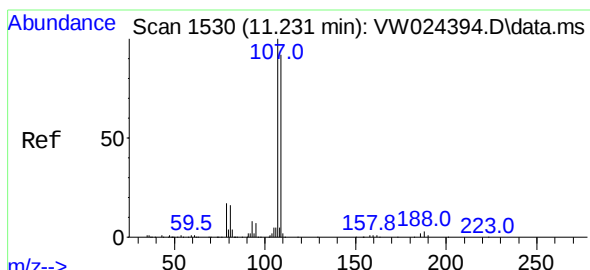
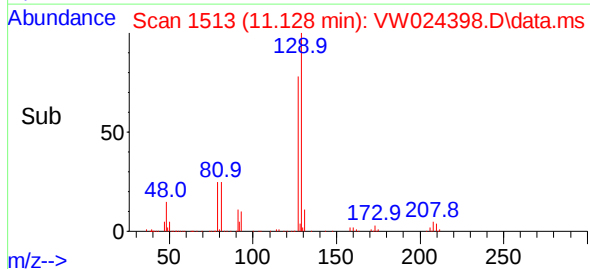
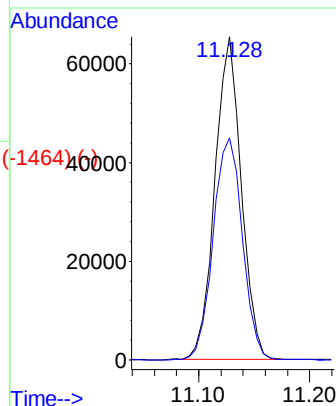
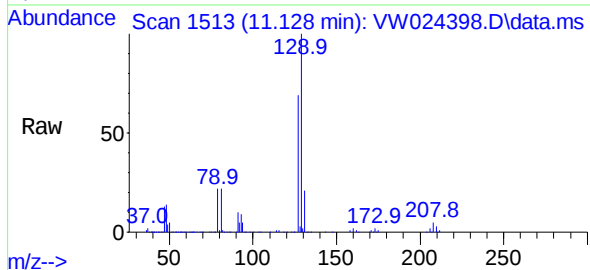




Dibromochloromethane
Concen: 23.725 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

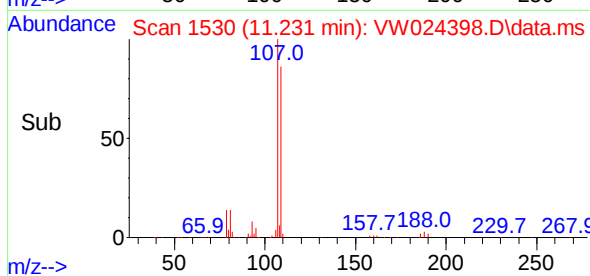
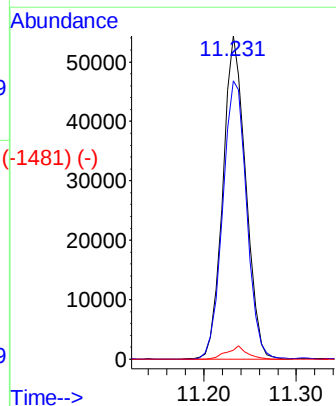
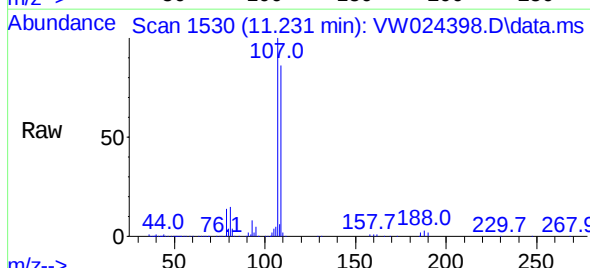
Instrument :
MSVOA_W
ClientSampleId :

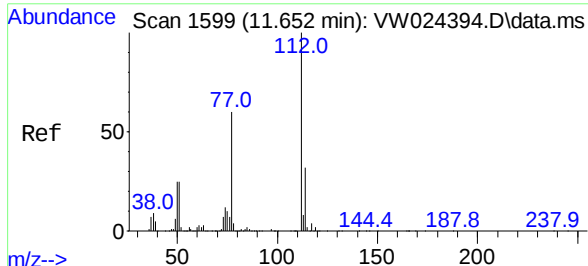
Tgt Ion:129 Resp: 108204
Ion Ratio Lower Upper
129 100
127 68.8 54.6 101.4



1,2-Dibromoethane
Concen: 25.198 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion:107 Resp: 93412
Ion Ratio Lower Upper
107 100
109 86.1 70.1 130.1
188 2.8 2.6 3.8

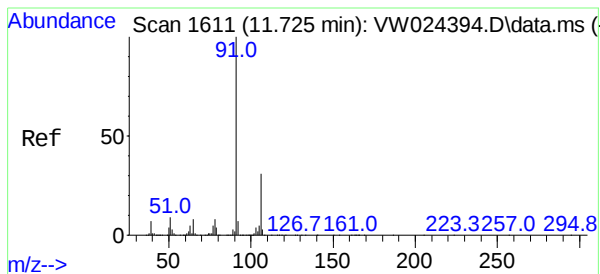
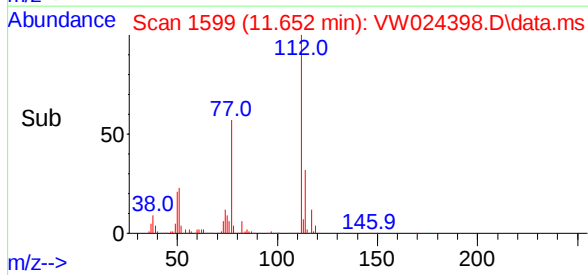
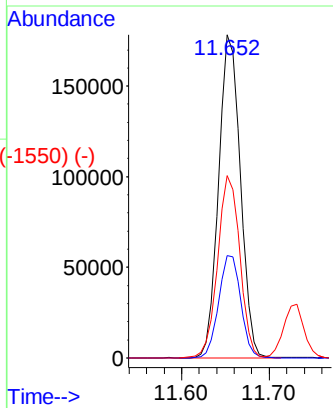
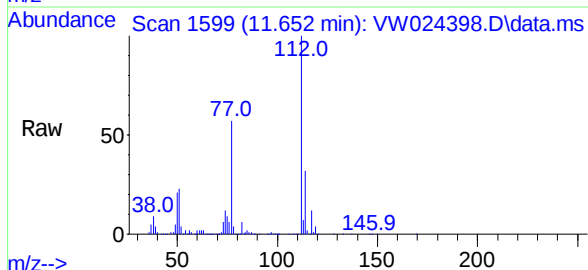




Scan 1599 (11.652 min): VW024394.D\data.ms (-1551) (-)
 Chlorobenzene
 Concen: 22.704 ug/L
 RT: 11.652 min Scan# 1599
 Delta R.T. 0.000 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

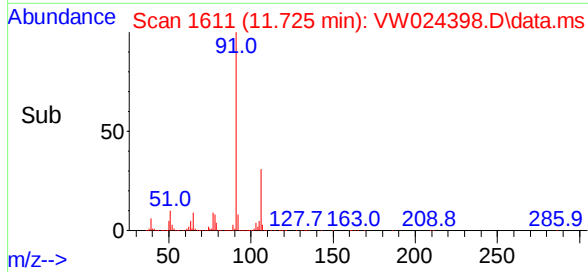
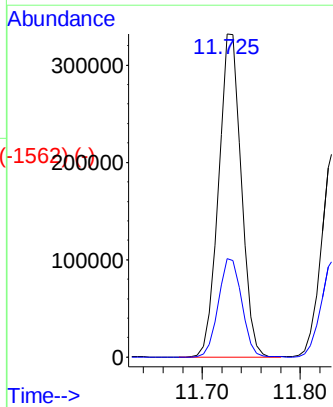
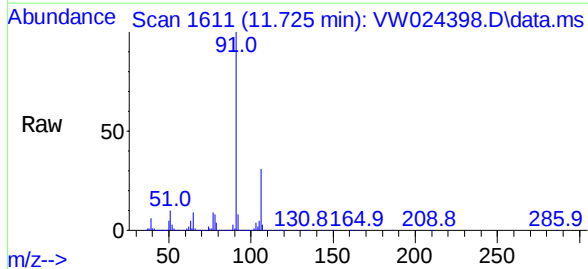
Instrument : MSVOA_W
 ClientSampleId :

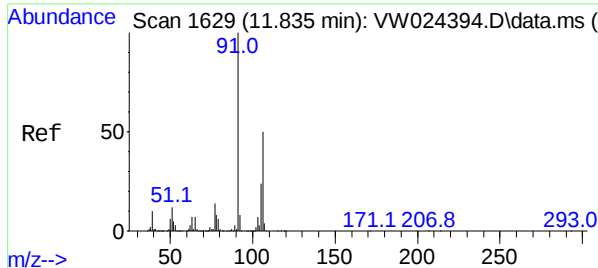
Tgt Ion:	112	Resp:	308139
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.3
77	56.5	44.1	66.1



Scan 1611 (11.725 min): VW024394.D\data.ms (-1552) (-)
 Ethylbenzene
 Concen: 23.879 ug/L
 RT: 11.725 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

Tgt Ion:	91	Resp:	533840
Ion	Ratio	Lower	Upper
91	100		
106	30.6	22.7	42.3

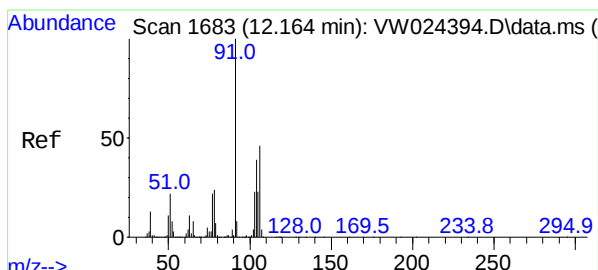
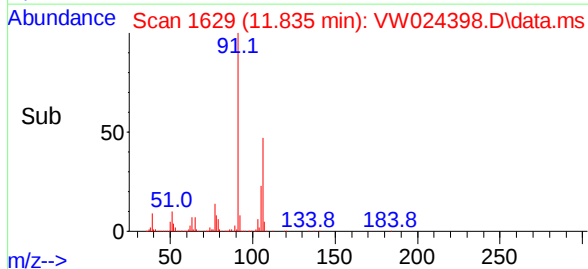
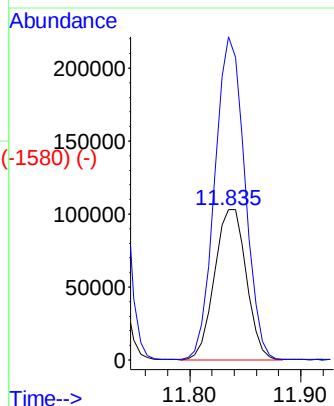
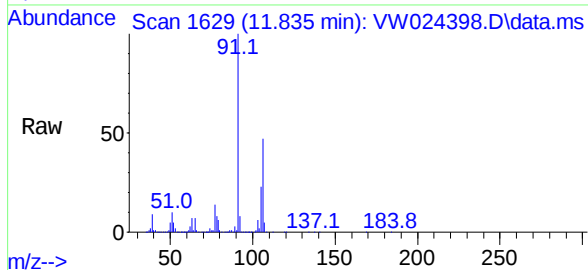




m,p-Xylene
Concen: 23.409 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

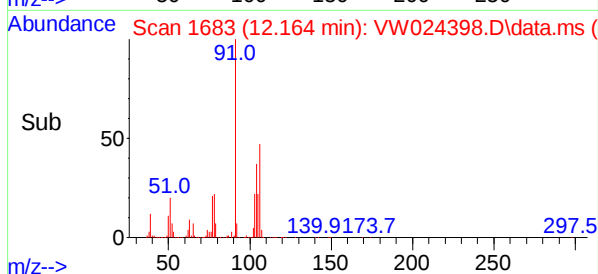
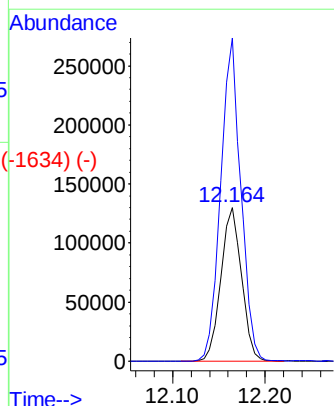
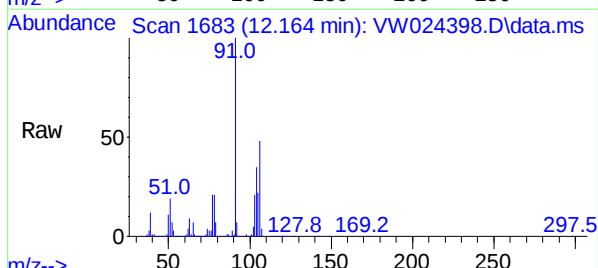
Instrument :
MSVOA_W
ClientSampleId :

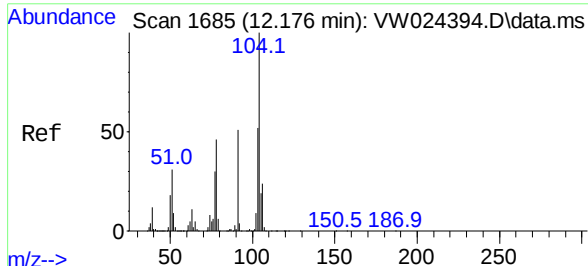
Tgt Ion:106 Resp: 205525
Ion Ratio Lower Upper
106 100
91 215.0 144.3 267.9



o-Xylene
Concen: 24.632 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion:106 Resp: 202163
Ion Ratio Lower Upper
106 100
91 210.0 152.1 282.5

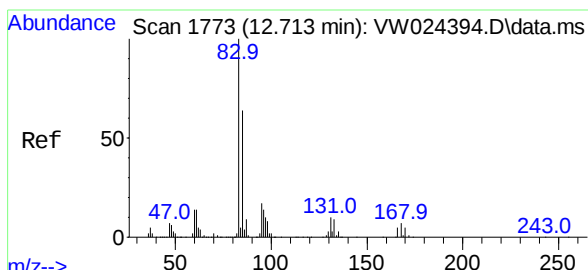
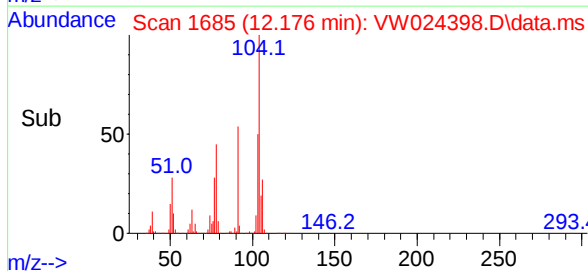
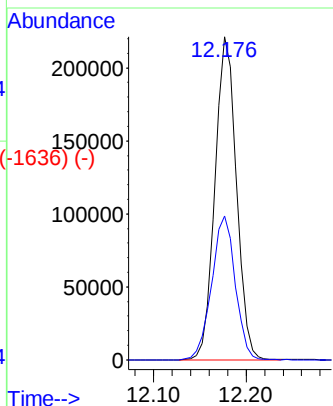
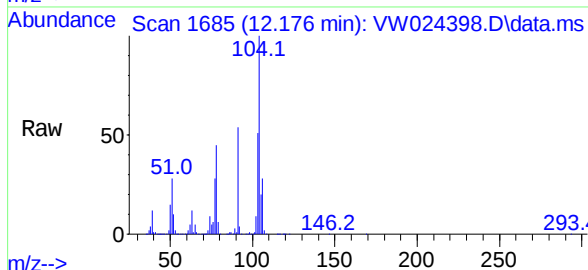




Styrene
Concen: 24.649 ug/L
RT: 12.176 min Scan# 1655
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

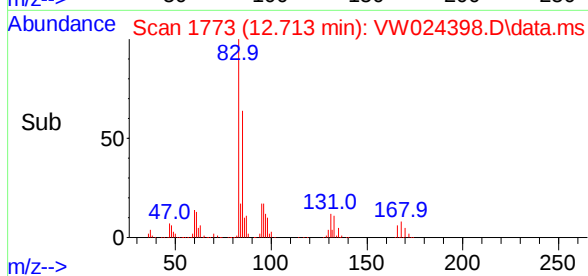
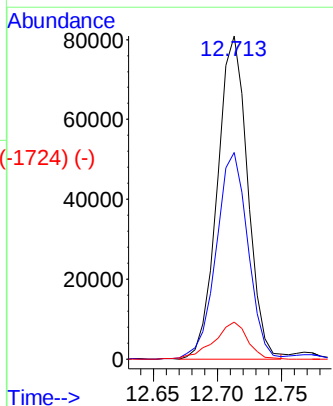
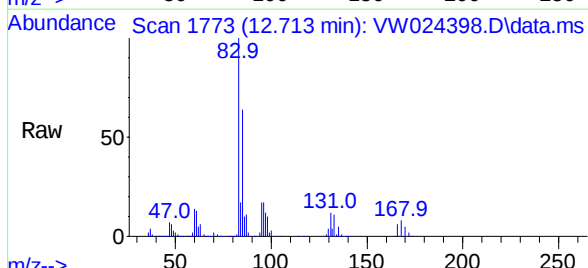
Instrument : MSVOA_W
ClientSampleId :

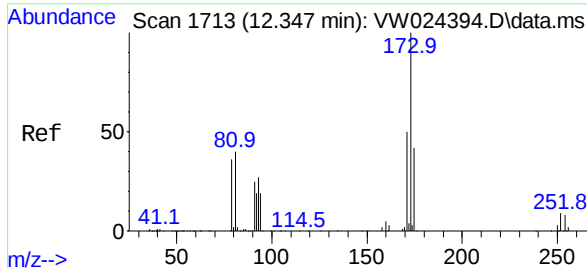
Tgt Ion:104 Resp: 357610
Ion Ratio Lower Upper
104 100
78 44.6 32.0 59.4



1,1,2,2-Tetrachloroethane
Concen: 24.640 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion: 83 Resp: 132618
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.5
131 11.5 8.4 12.6

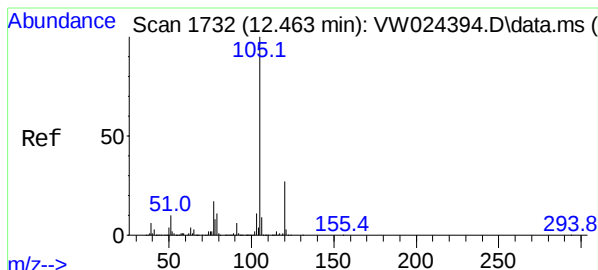
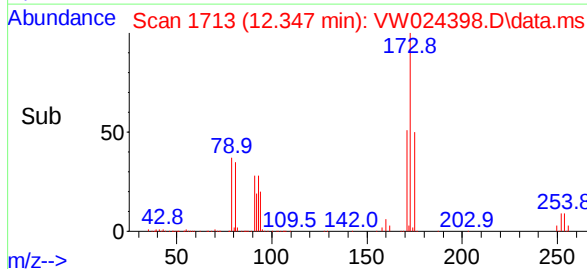
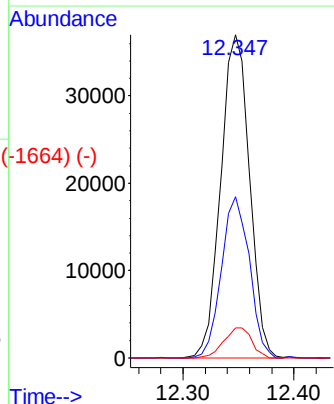
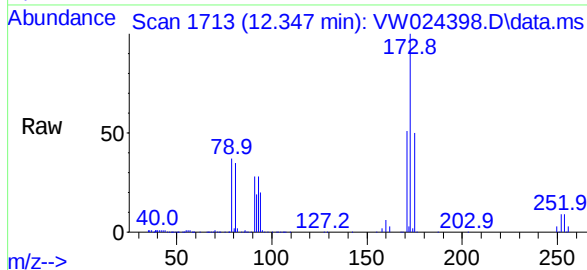




Bromoform
Concen: 24.414 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

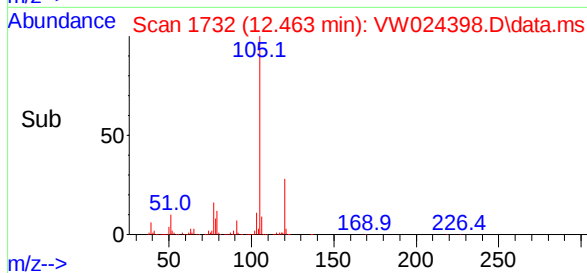
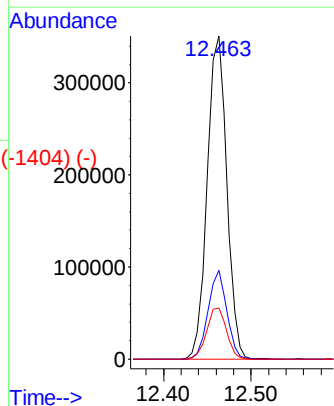
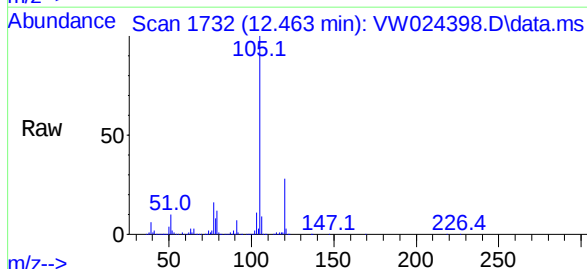
Instrument :
MSVOA_W
ClientSampleId :

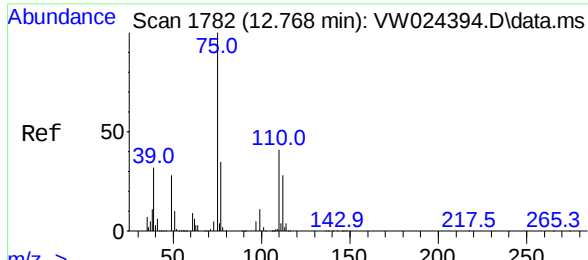
Tgt Ion:	173	Resp:	66584
Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.8	59.6
254	9.0	6.8	10.2



Isopropylbenzene
Concen: 24.126 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion:	105	Resp:	544577
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.4	32.0
77	16.0	13.0	19.6

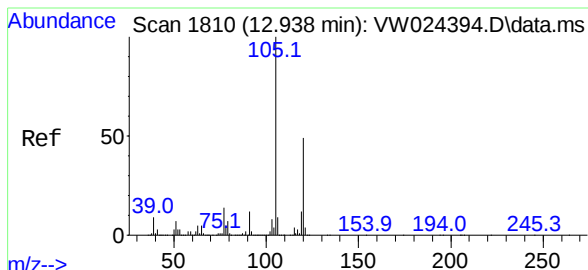
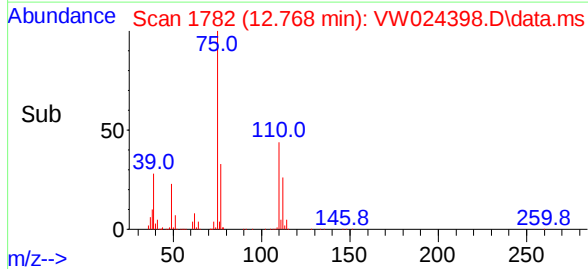
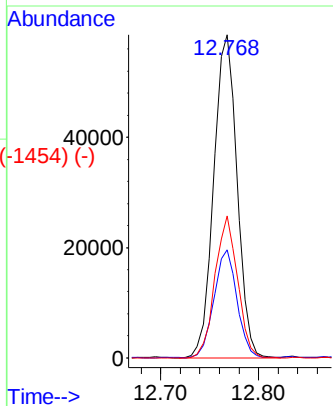
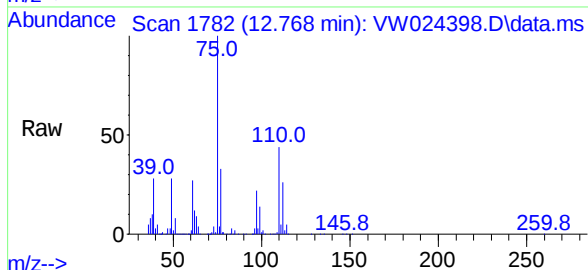




1,2,3-Trichloropropane
Concen: 25.235 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

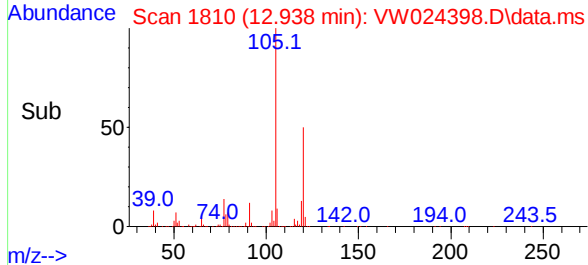
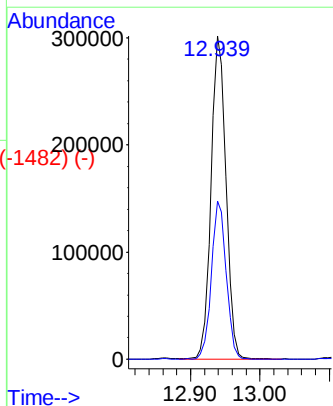
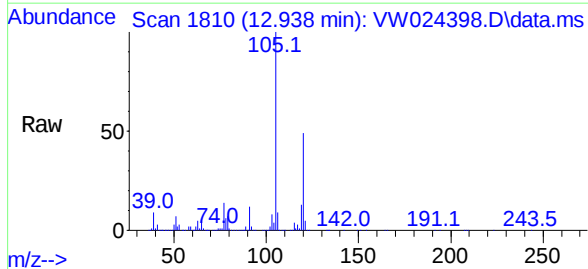
Instrument :
MSVOA_W
ClientSampleId :

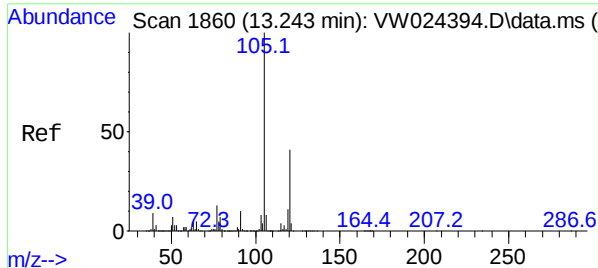
Tgt Ion:	75	Resp:	96982
Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.5	39.7
110	42.4	33.8	50.8



1,3,5-Trimethylbenzene
Concen: 24.702 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion:	105	Resp:	449604
Ion	Ratio	Lower	Upper
105	100		
120	48.5	38.4	57.6

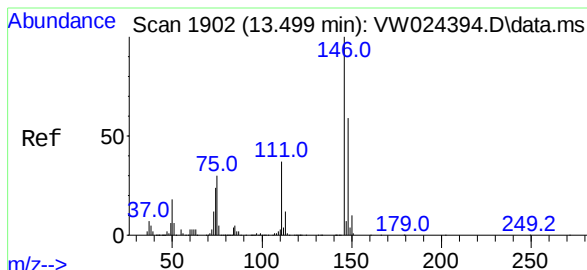
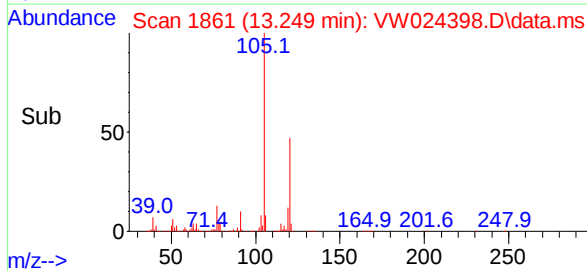
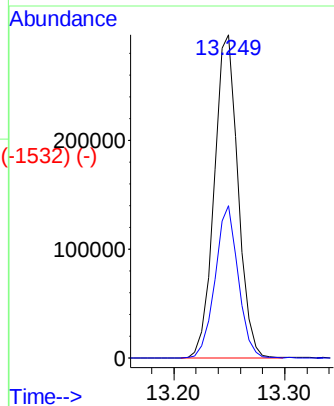
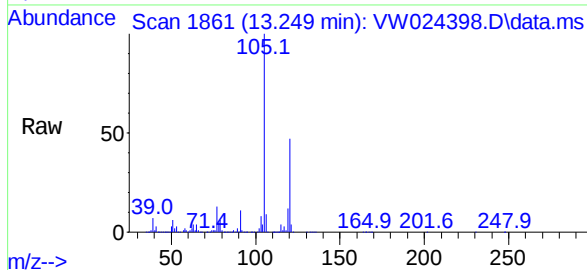




1,2,4-Trimethylbenzene
Concen: 24.967 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

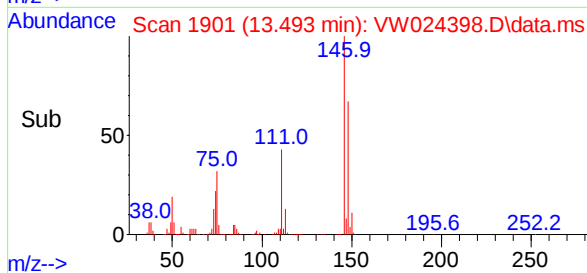
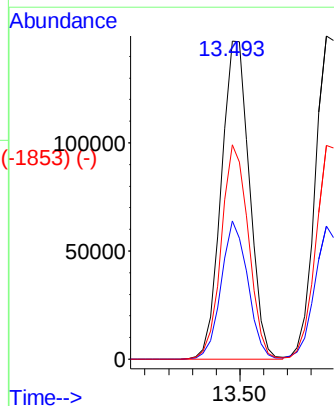
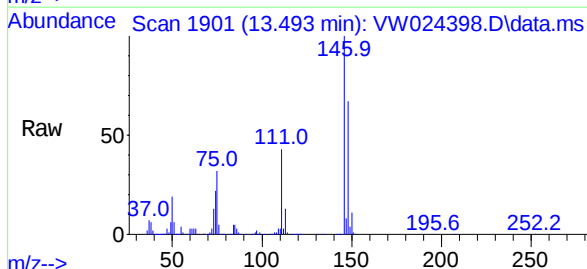
Instrument :
MSVOA_W
ClientSampleId :

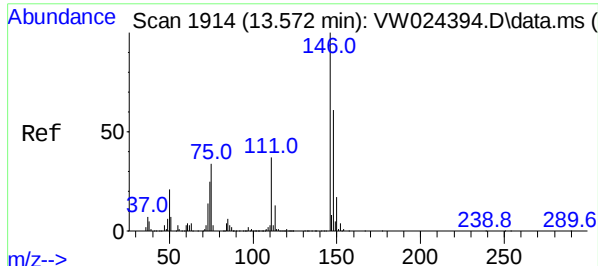
Tgt Ion:105 Resp: 441389
Ion Ratio Lower Upper
105 100
120 45.7 36.2 54.2



1,3-Dichlorobenzene
Concen: 22.408 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion:146 Resp: 241833
Ion Ratio Lower Upper
146 100
111 43.3 27.0 50.2
148 67.3 44.9 83.3





1,4-Dichlorobenzene

Concen: 21.524 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW024398.D

Acq: 27 Aug 2022 14:05

Instrument :

MSVOA_W

ClientSampleId :

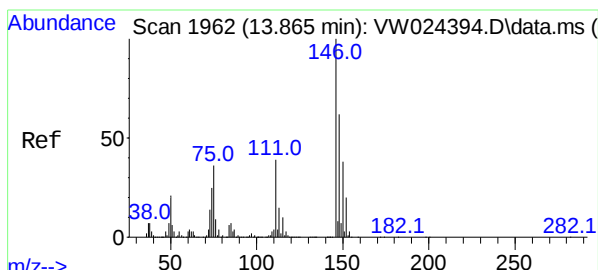
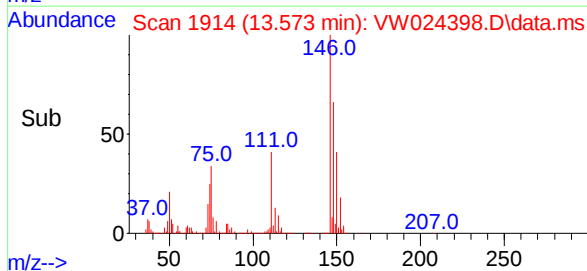
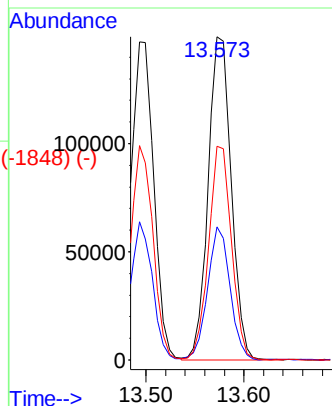
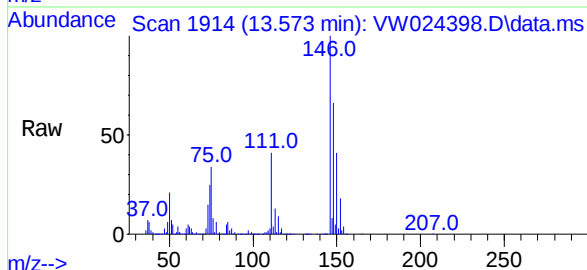
Tgt Ion:146 Resp: 245240

Ion Ratio Lower Upper

146 100

111 41.1 27.7 51.5

148 66.2 46.5 86.5



1,2-Dichlorobenzene

Concen: 21.506 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024398.D

Acq: 27 Aug 2022 14:05

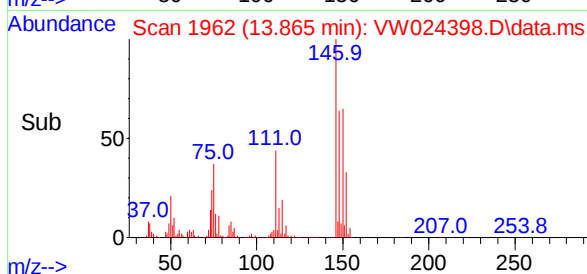
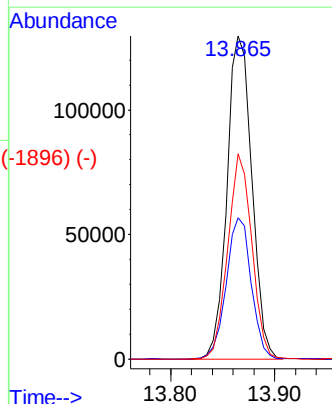
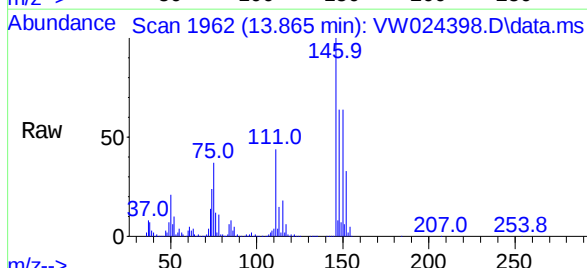
Tgt Ion:146 Resp: 217564

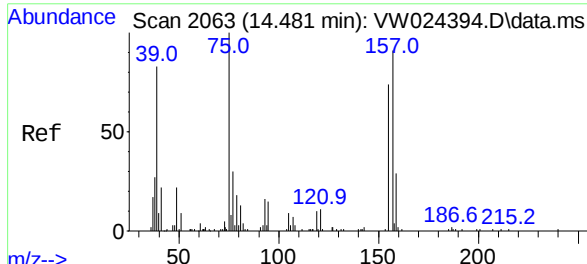
Ion Ratio Lower Upper

146 100

111 43.7 34.5 51.7

148 63.6 50.6 75.8

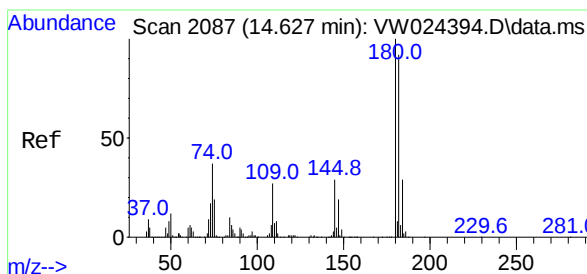
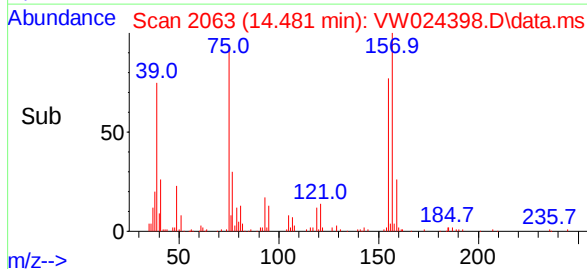
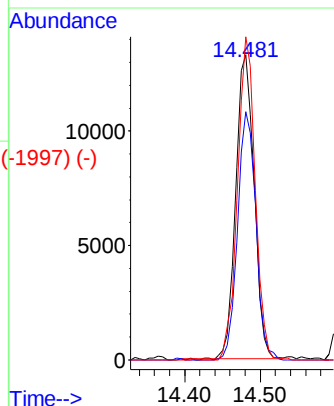
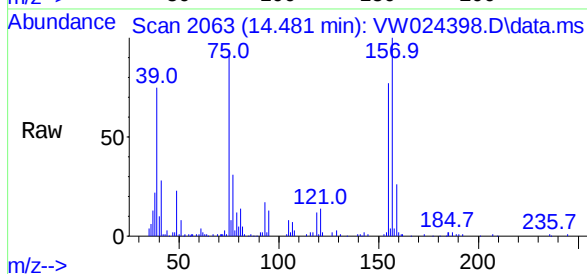




1,2-Dibromo-3-chloropropane
Concen: 23.165 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

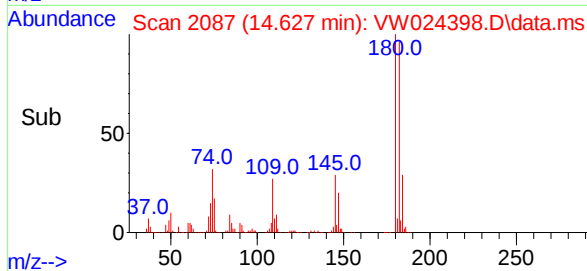
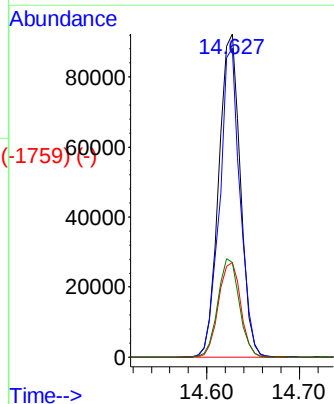
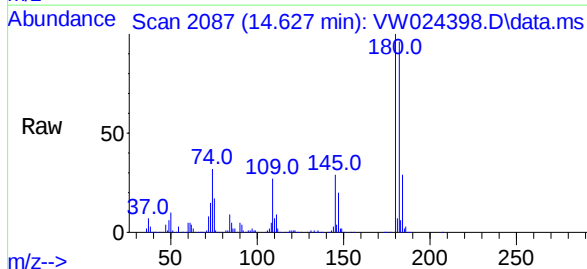
Instrument :
MSVOA_W
ClientSampleId :

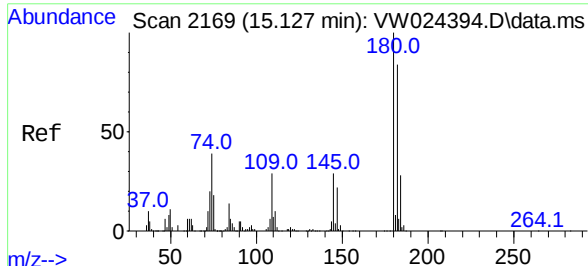
Tgt Ion: 75 Resp: 22367
Ion Ratio Lower Upper
75 100
155 81.3 63.9 95.9
157 105.9 72.2 108.4



1,3,5-Trichlorobenzene
Concen: 21.523 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW024398.D
Acq: 27 Aug 2022 14:05

Tgt Ion:180 Resp: 149920
Ion Ratio Lower Upper
180 100
182 90.4 76.6 114.8
184 30.2 24.5 36.7
145 30.4 25.9 38.9

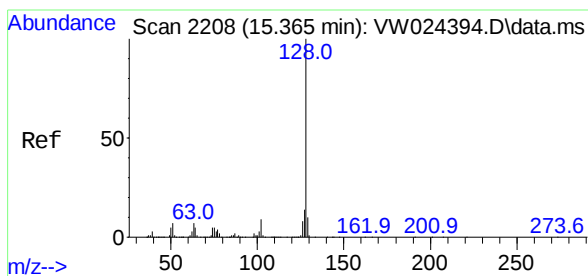
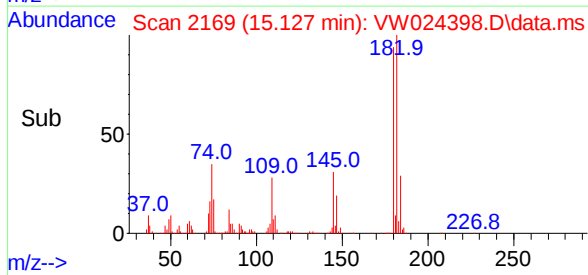
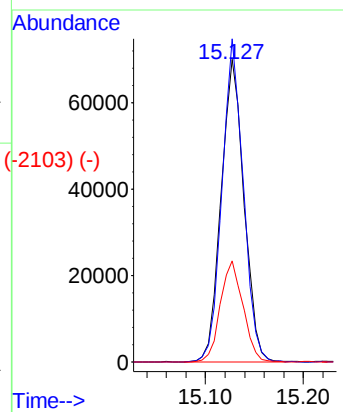
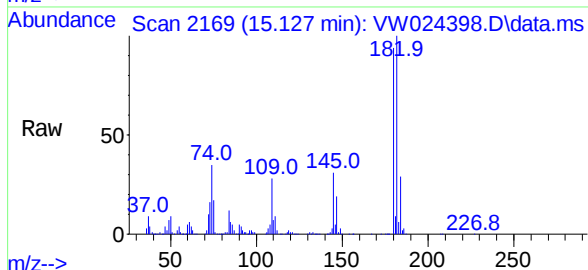




Scan 2169 (15.127 min): VW024394.D\data.ms (-170) (-)
 1,2,4-trichlorobenzene
 Concen: 20.954 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

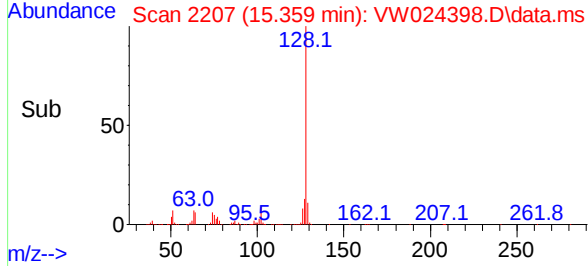
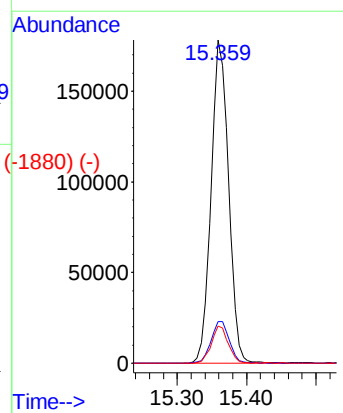
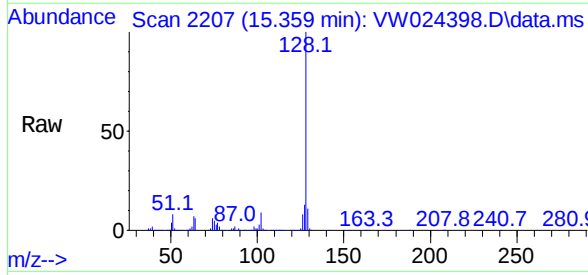
Instrument : MSVOA_W
 ClientSampleId :

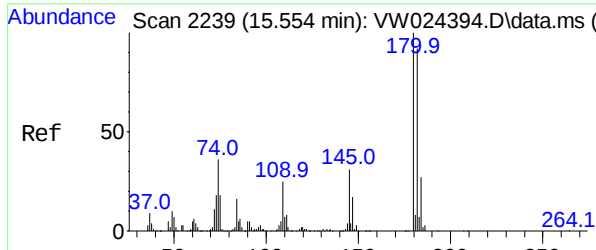
Tgt Ion:	180	Resp:	113463
Ion	Ratio	Lower	Upper
180	100		
182	99.4	72.6	109.0
145	33.1	26.2	39.2



Scan 2208 (15.365 min): VW024394.D\data.ms (-170) (-)
 Naphthalene
 Concen: 26.274 ug/L
 RT: 15.359 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

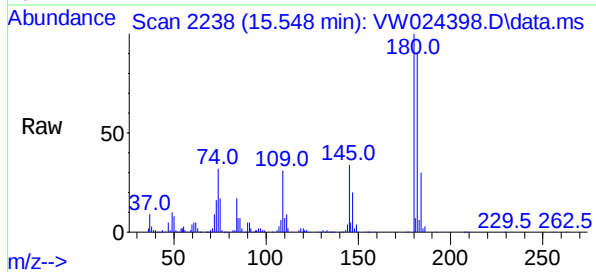
Tgt Ion:	128	Resp:	312452
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.1	8.3	12.5





1,2,3-Trichlorobenzene
 Concen: 22.283 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: VW024398.D
 Acq: 27 Aug 2022 14:05

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	114035
Ion	Ratio	Lower	Upper
180	100		
182	90.9	74.6	111.8
145	32.1	26.6	40.0

