

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024401.D
 Acq On : 27 Aug 2022 15:18
 Operator : SY/VA
 Sample : N4346-10MSD
 Misc : 5.85g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 01:48:11 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	8.836	114	176603	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	167491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	83397	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	95714	19.661	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	78.640%	
7) Chloroethane-d5	2.873	69	55279	15.155	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	60.640%	
11) 1,1-Dichloroethene-d2	4.001	63	63832	15.119	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	60.480%	
21) 2-Butanone-d5	7.299	46	195	0.217	ug/L	0.22
Spiked Amount 50.000	Range 20	- 135	Recovery	=	0.440%#	
24) Chloroform-d	7.647	84	108000	19.022	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	76.080%	
26) 1,2-Dichloroethane-d4	8.305	65	78594	22.826	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	91.320%	
32) Benzene-d6	8.275	84	237970	24.798	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	9.275	67	76952	25.784	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	103.120%	
41) Toluene-d8	10.323	98	222706	24.408	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	97.640%	
43) trans-1,3-Dichloroprop...	10.579	79	32326	23.146	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	92.600%	
47) 2-Hexanone-d5	10.921	63	40568	60.743	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	121.480%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	89365	26.448	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	105.800%	
66) 1,2-Dichlorobenzene-d4	13.847	152	76939	24.499	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	98.000%	
Target Compounds						
						Qvalue
3) Chloromethane	2.209	50	38156	11.546	ug/L	96
5) Vinyl chloride	2.349	62	103328	17.886	ug/L	100
6) Bromomethane	2.763	94	50081	12.350	ug/L	98
8) Chloroethane	2.910	64	38916	12.895	ug/L	99
9) Trichlorofluoromethane	3.245	101	66112	24.336	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	32573	12.501	ug/L #	70
12) 1,1-Dichloroethene	4.019	96	28318	13.424	ug/L #	73
13) Acetone	4.123	43	17317	32.362	ug/L	92
14) Carbon disulfide	4.367	76	89797	12.809	ug/L	99
16) Methylene chloride	4.903	84	36803	12.426	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	31382	12.568	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	58176	14.230	ug/L	99
19) 1,1-Dichloroethane	6.208	63	59063	12.509	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	37618	13.700	ug/L	98
22) 2-Butanone	7.177	43	30117	31.546	ug/L	76
23) Bromochloromethane	7.513	128	20733	15.464	ug/L	94
25) Chloroform	7.671	83	86992	16.606	ug/L	95
27) 1,2-Dichloroethane	8.397	62	73871	19.373	ug/L	97

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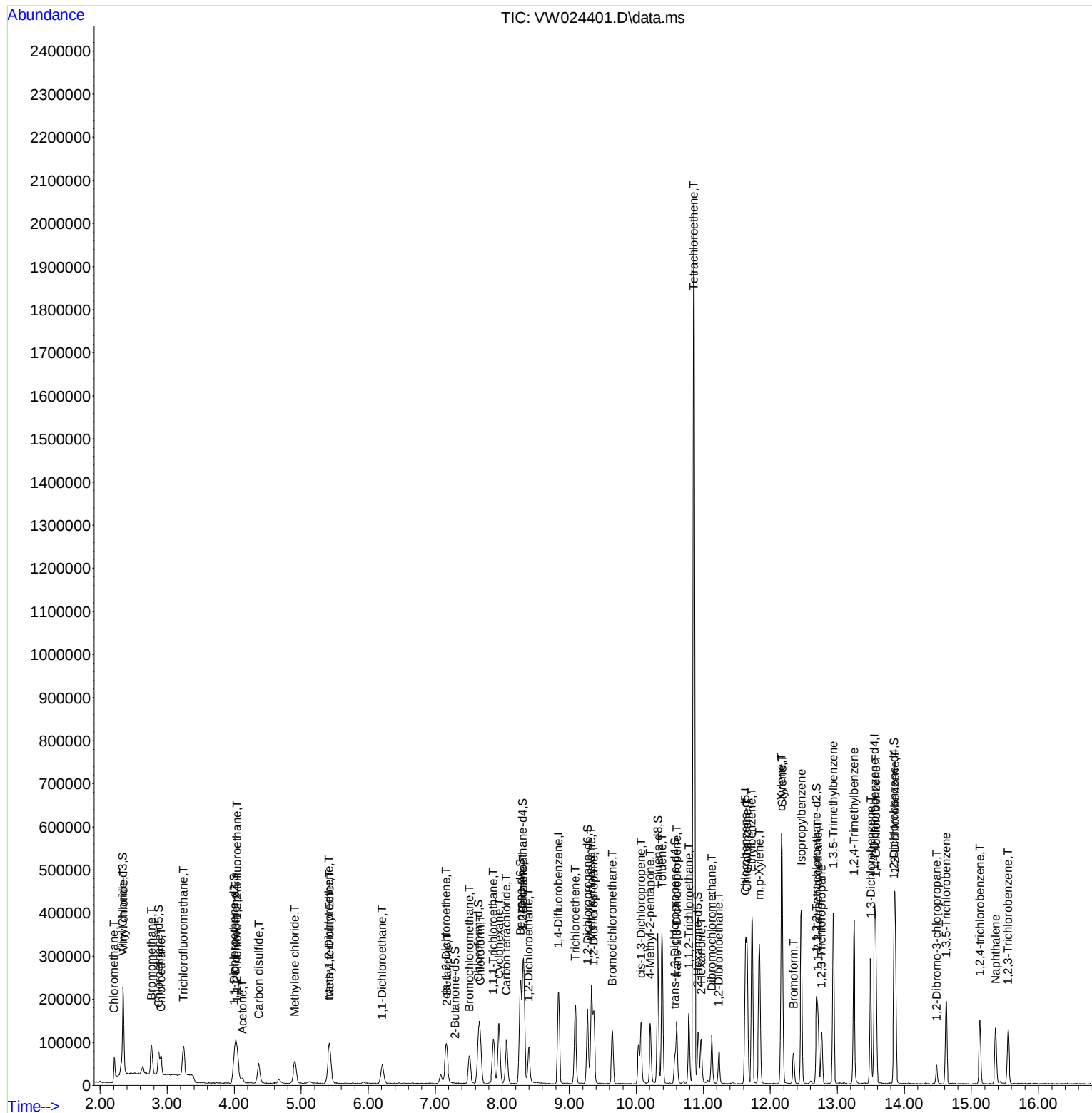
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	66912	18.530	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	78263	19.819	ug/L	99
31) Carbon tetrachloride	8.061	117	68427	18.941	ug/L	100
33) Benzene	8.317	78	229084	21.968	ug/L	100
34) Trichloroethene	9.092	95	61235	22.280	ug/L	97
35) Methylcyclohexane	9.329	83	83095	18.844	ug/L	100
37) 1,2-Dichloropropane	9.366	63	56893	21.141	ug/L #	97
38) Bromodichloromethane	9.640	83	78277	21.359	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	78541	20.878	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	88204	46.092	ug/L	99
42) Toluene	10.384	91	247135	21.474	ug/L	91
44) trans-1,3-Dichloropropene	10.604	75	71087	19.447	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	48295	22.007	ug/L	92
46) Tetrachloroethene	10.860	164	411005	192.549	ug/L	92
48) 2-Hexanone	10.969	43	64591	45.760	ug/L	97
49) Dibromochloromethane	11.128	129	53434	20.586	ug/L	98
50) 1,2-Dibromoethane	11.231	107	47953	22.728	ug/L #	94
51) Chlorobenzene	11.652	112	160605	20.792	ug/L	97
52) Ethylbenzene	11.725	91	266753	20.966	ug/L	98
53) m,p-Xylene	11.835	106	103478	20.709	ug/L	100
54) o-Xylene	12.164	106	96787	20.720	ug/L	93
55) Styrene	12.176	104	176321	21.354	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	65038	21.232	ug/L	98
59) Bromoform	12.347	173	30106	22.495	ug/L	96
60) Isopropylbenzene	12.463	105	258696	23.355	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	46483	24.647	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	196399	21.990	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	194282	22.395	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	108412	20.471	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	113462	20.293	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	104323	21.015	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	9681	20.432	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	52774	15.439	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	42233	15.894	ug/L	96
71) Naphthalene	15.359	128	107960	18.500	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	38738	15.425	ug/L	98

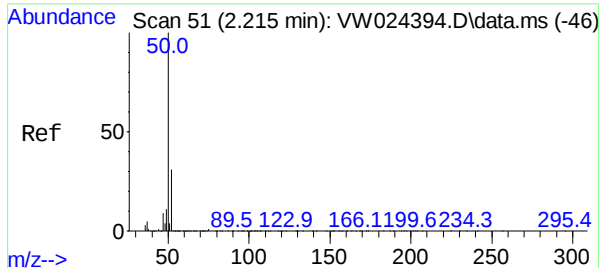
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Chloromethane

Concen: 11.546 ug/L

RT: 2.209 min Scan#

Delta R.T. -0.006 min

Lab File: VW024401.D

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Instrument :

MSVOA_W

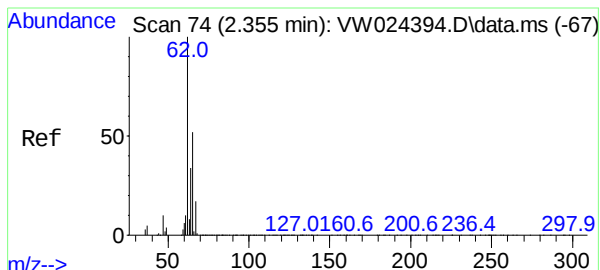
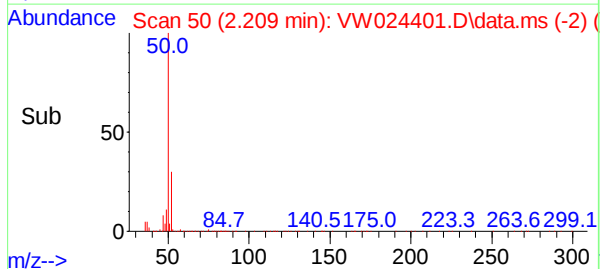
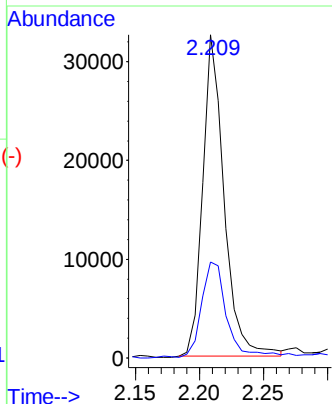
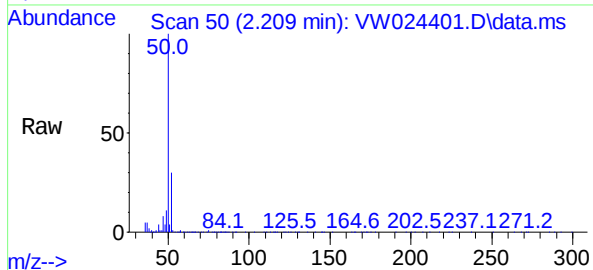
ClientSampleId :

Tgt Ion: 50 Resp: 38156

Ion Ratio Lower Upper

50 100

52 29.7 22.3 41.5



Vinyl chloride

Concen: 17.886 ug/L

RT: 2.349 min Scan# 73

Delta R.T. -0.006 min

Lab File: VW024401.D

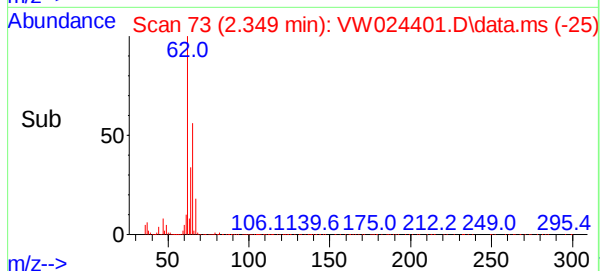
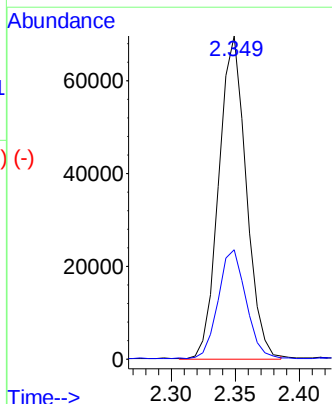
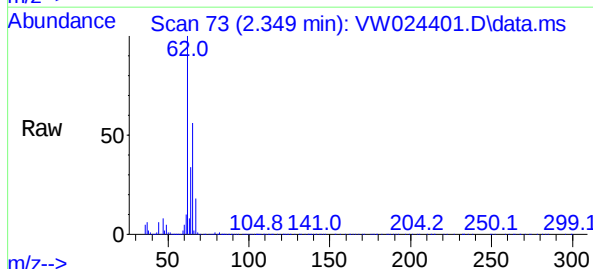
Acq: 27 Aug 2022 15:18

Tgt Ion: 62 Resp: 103328

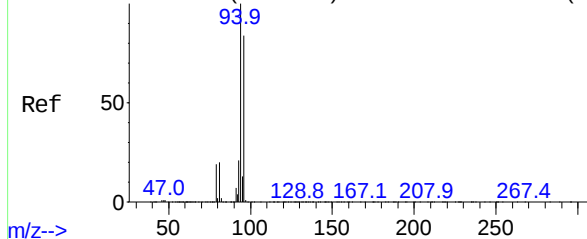
Ion Ratio Lower Upper

62 100

64 33.8 23.6 43.8



Abundance Scan 142 (2.769 min): VW024394.D\data.ms (-134#6)



Bromomethane

Concen: 12.350 ug/L

RT: 2.763 min Scan# 141

Delta R.T. -0.006 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

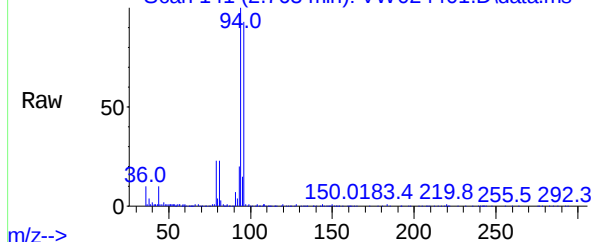
Tgt Ion: 94 Resp: 50081

Ion Ratio Lower Upper

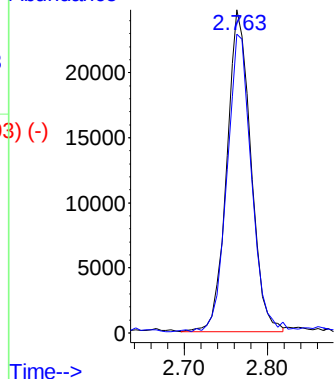
94 100

96 92.6 63.6 118.0

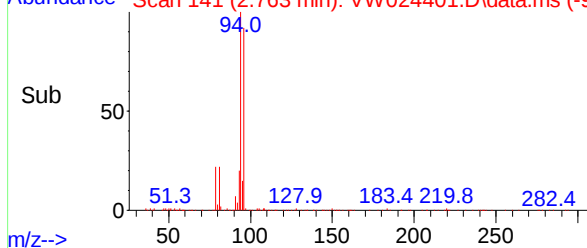
Abundance Scan 141 (2.763 min): VW024401.D\data.ms



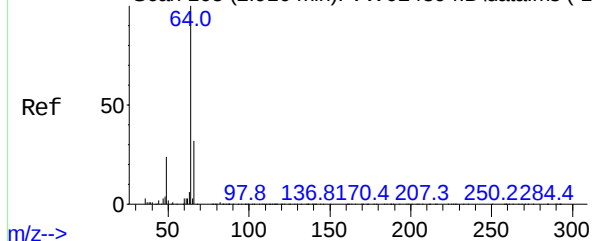
Abundance



Abundance Scan 141 (2.763 min): VW024401.D\data.ms (-93) (-)



Abundance Scan 165 (2.910 min): VW024394.D\data.ms (-157#8)



Chloroethane

Concen: 12.895 ug/L

RT: 2.910 min Scan# 165

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

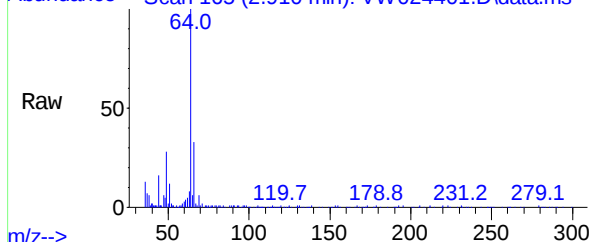
Tgt Ion: 64 Resp: 38916

Ion Ratio Lower Upper

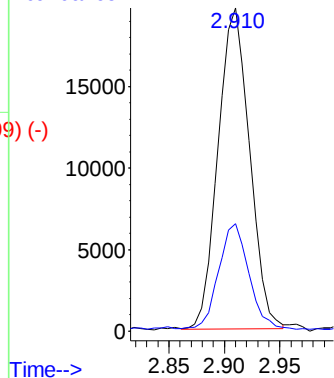
64 100

66 33.3 23.0 42.6

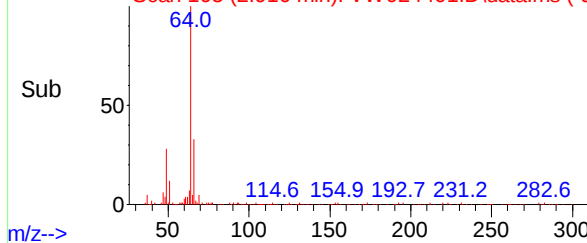
Abundance Scan 165 (2.910 min): VW024401.D\data.ms

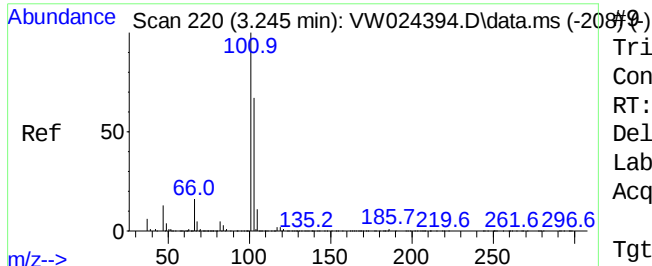


Abundance



Abundance Scan 165 (2.910 min): VW024401.D\data.ms (-99) (-)

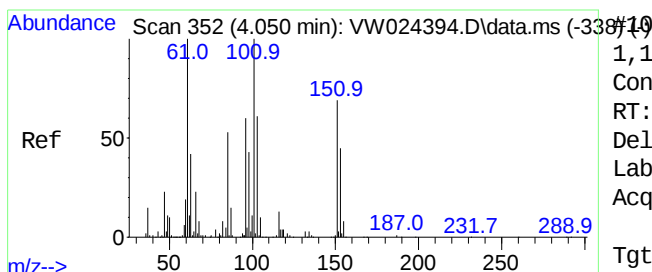
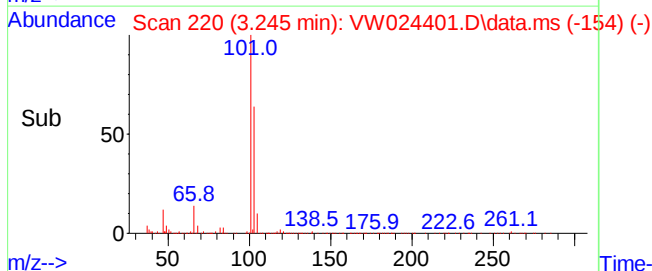
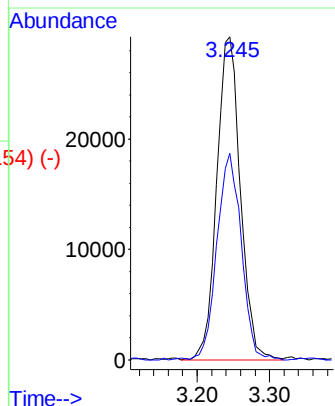
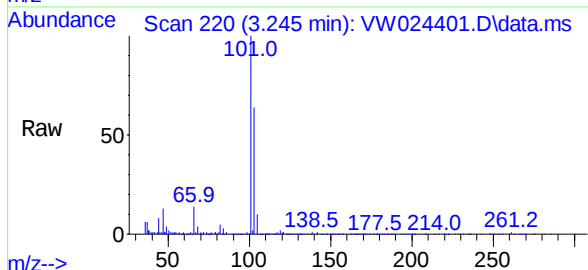




Trichlorofluoromethane
 Concen: 24.336 ug/L
 RT: 3.245 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

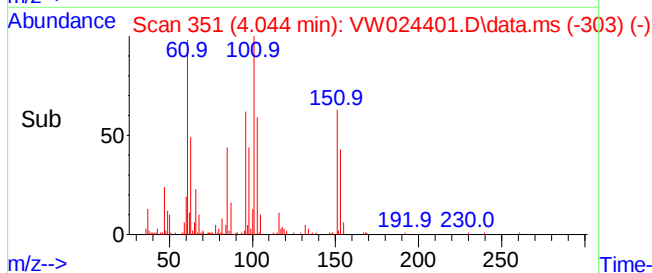
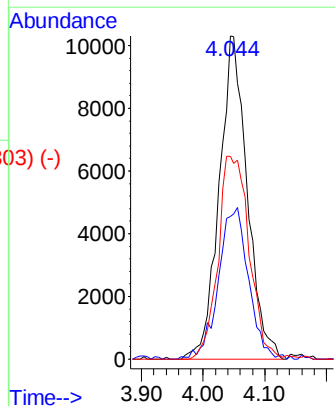
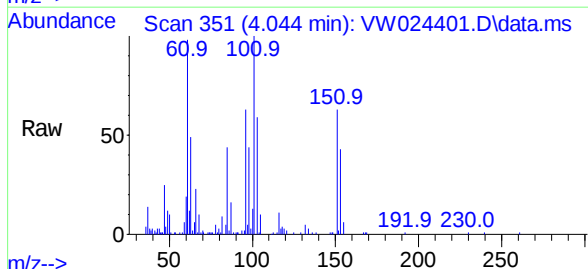
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:101 Resp: 66112
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.4 75.6

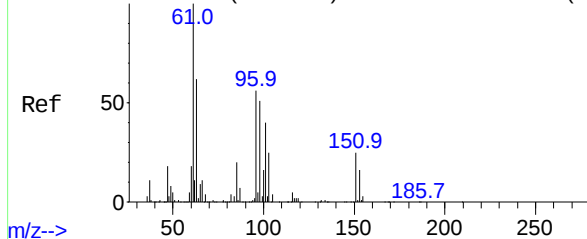


1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.501 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

Tgt Ion:101 Resp: 32573
 Ion Ratio Lower Upper
 101 100
 85 0.2 39.1 58.7#
 151 69.5 56.8 85.2



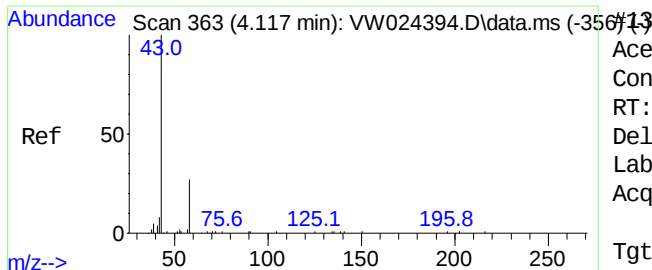
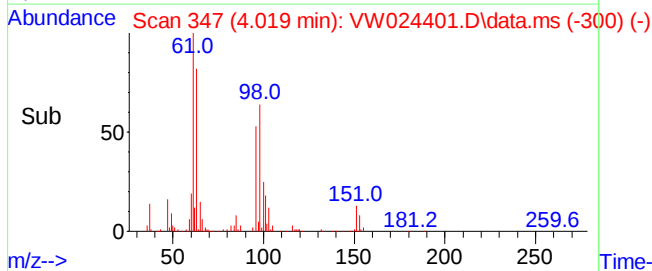
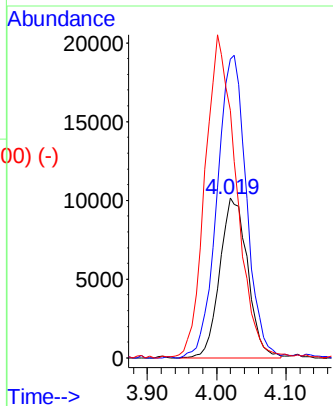
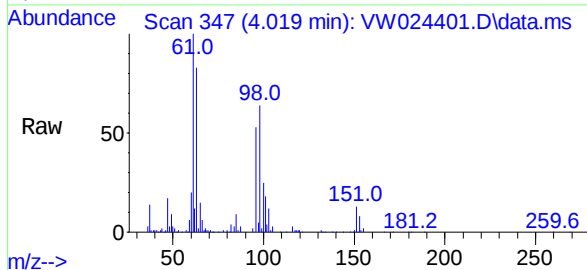
Abundance Scan 349 (4.031 min): VW024394.D\data.ms (-338) #13



1,1-Dichloroethene
Concen: 13.424 ug/L
RT: 4.019 min Scan# 349
Delta R.T. -0.012 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

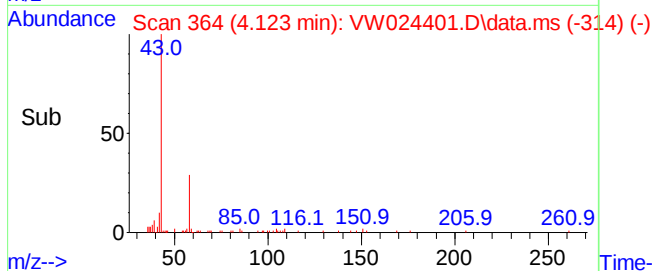
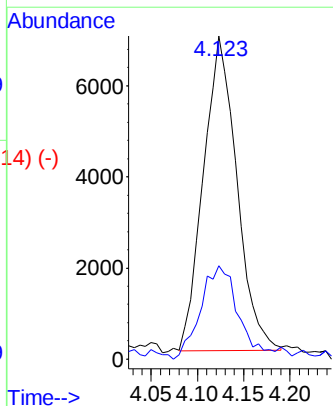
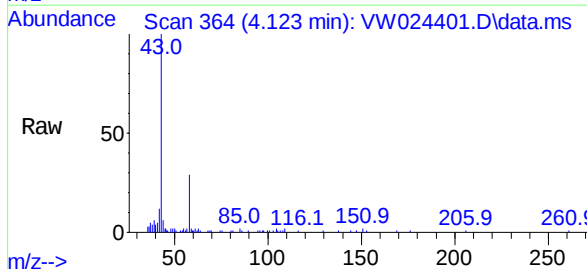
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ClientSampleId :

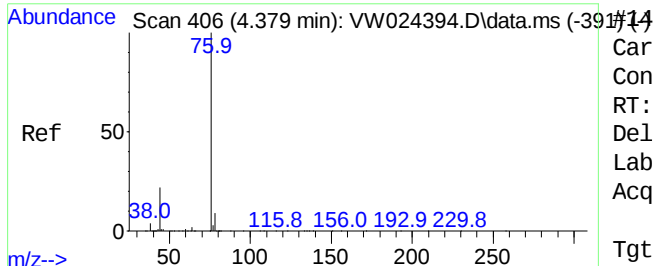
Tgt Ion: 96 Resp: 28318
Ion Ratio Lower Upper
96 100
61 187.0 118.8 220.6
63 155.0 72.8 135.2#



Acetone
Concen: 32.362 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 17317
Ion Ratio Lower Upper
43 100
58 33.7 0.0 58.4

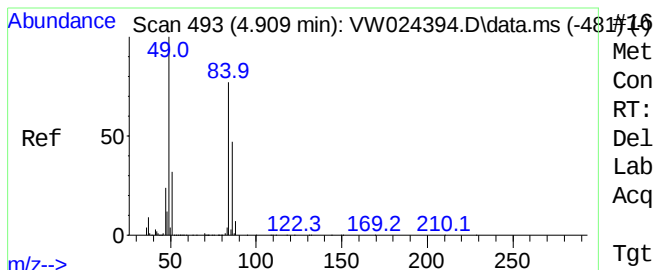
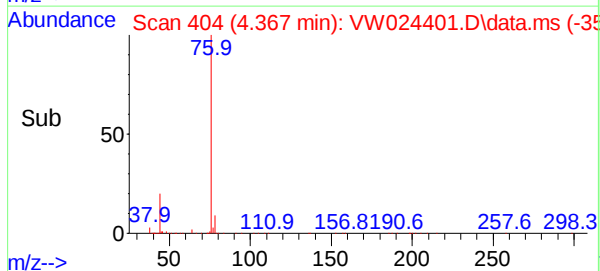
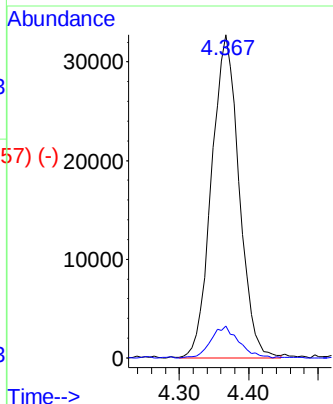
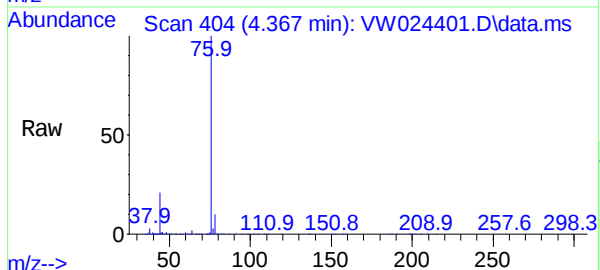




Carbon disulfide
 Concen: 12.809 ug/L
 RT: 4.367 min Scan# 414
 Delta R.T. -0.012 min
 Lab File: VW024401.D
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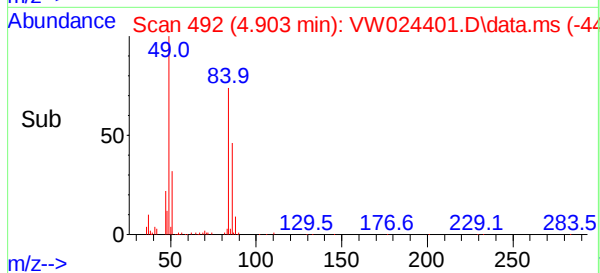
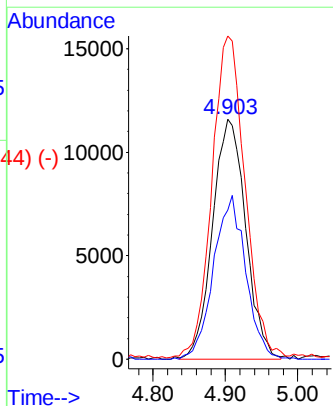
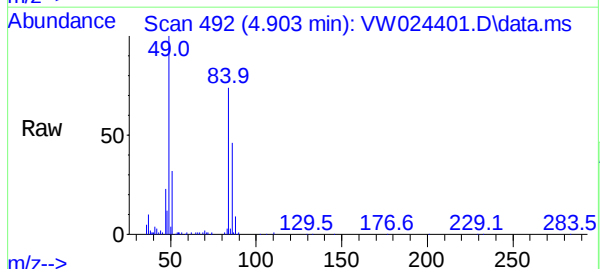
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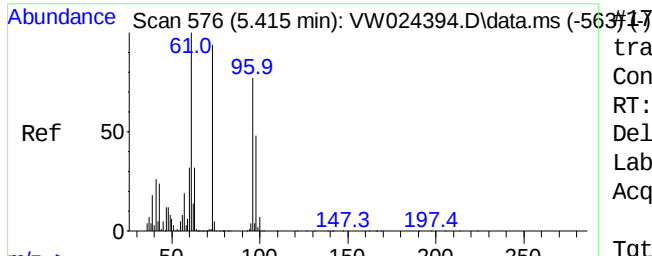
Tgt Ion: 76 Resp: 89797
 Ion Ratio Lower Upper
 76 100
 78 9.8 7.4 11.2



Methylene chloride
 Concen: 12.426 ug/L
 RT: 4.903 min Scan# 492
 Delta R.T. -0.006 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

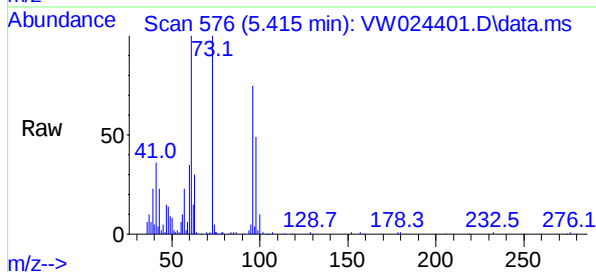
Tgt Ion: 84 Resp: 36803
 Ion Ratio Lower Upper
 84 100
 86 62.1 47.7 88.7
 49 134.6 96.6 179.4



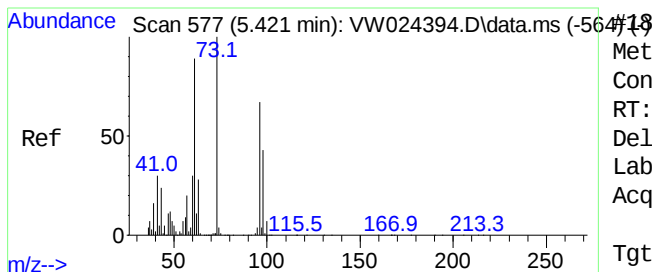
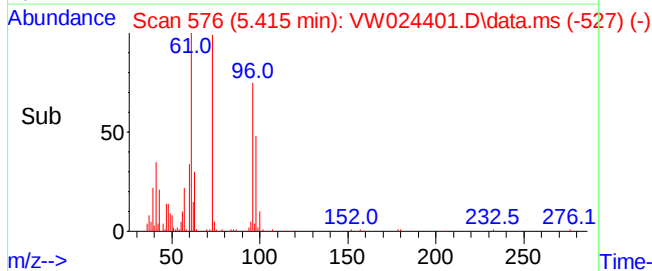
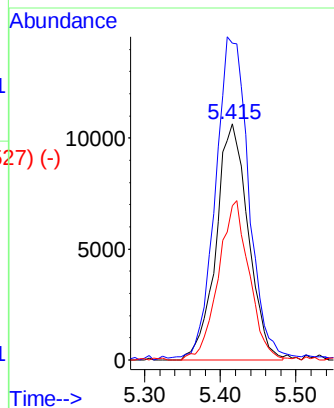


trans-1,2-Dichloroethene
Concen: 12.568 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Instrument :
MSVOA_W
ClientSampleId :

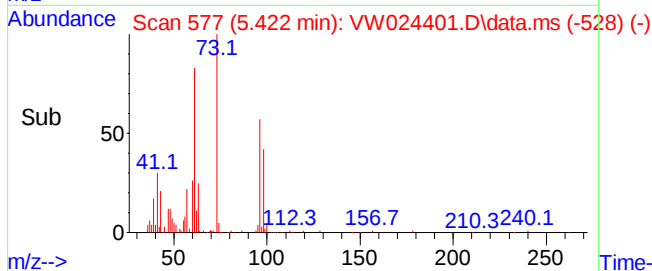
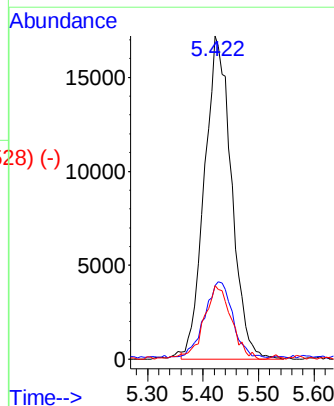
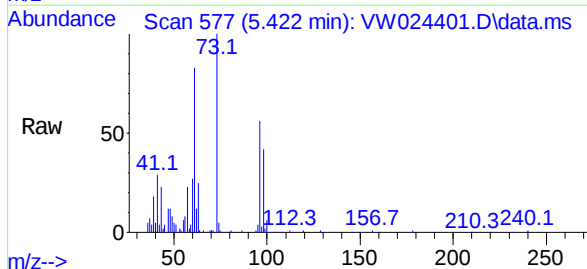


Tgt Ion: 96 Resp: 31382
Ion Ratio Lower Upper
96 100
61 134.2 92.1 171.1
98 65.3 44.7 83.1

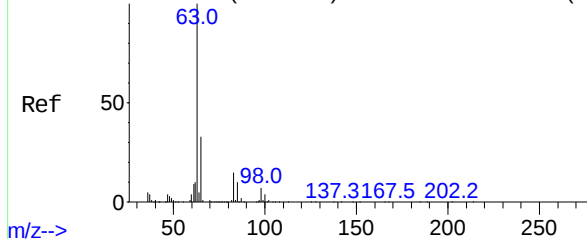


Methyl tert-butyl Ether
Concen: 14.230 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion: 73 Resp: 58176
Ion Ratio Lower Upper
73 100
43 23.9 18.8 28.2
57 22.3 18.1 27.1



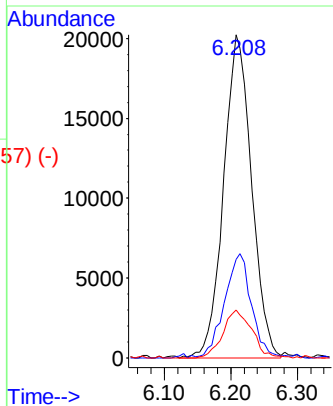
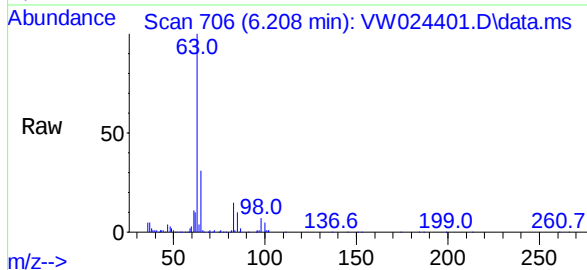
Abundance Scan 706 (6.208 min): VW024394.D\data.ms (-692) #19



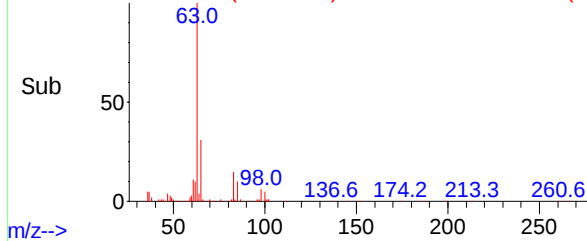
1,1-Dichloroethane
Concen: 12.509 ug/L
RT: 6.208 min Scan#
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Instrument :
MSVOA_W
ClientSampleId :

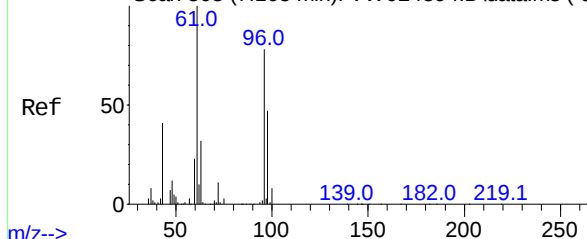
Tgt Ion:	63	Resp:	59063
Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.6	43.8
83	15.9	10.4	19.4



Abundance Scan 706 (6.208 min): VW024401.D\data.ms (-657) (-)

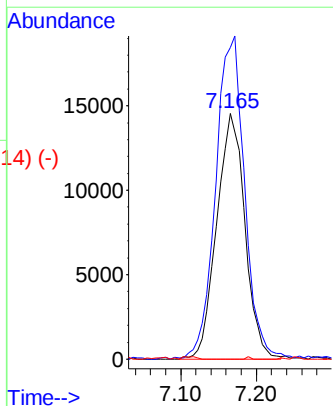
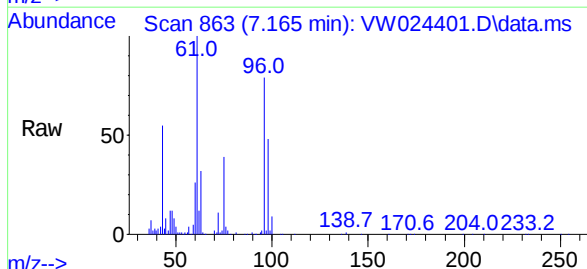


Abundance Scan 863 (7.165 min): VW024394.D\data.ms (-850) #20

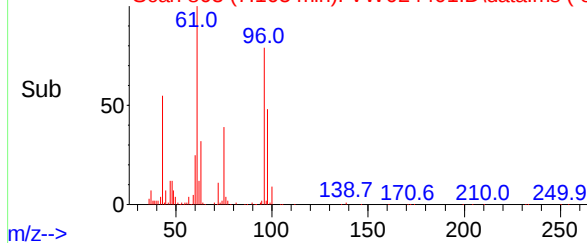


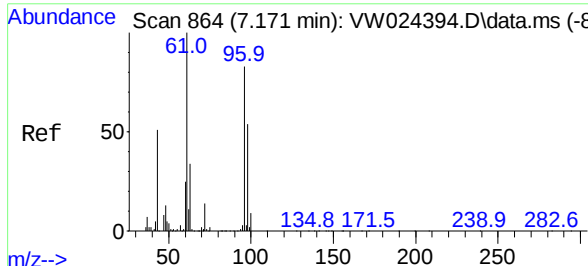
cis-1,2-Dichloroethene
Concen: 13.700 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion:	96	Resp:	37618
Ion	Ratio	Lower	Upper
96	100		
61	126.9	90.2	167.6
68	0.0	0.0	0.0



Abundance Scan 863 (7.165 min): VW024401.D\data.ms (-814) (-)

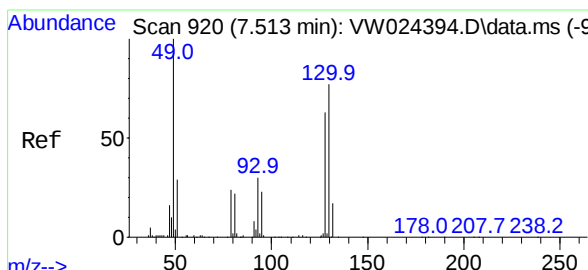
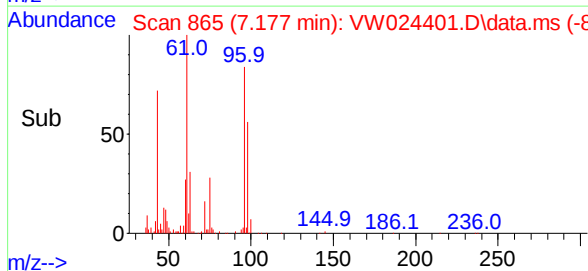
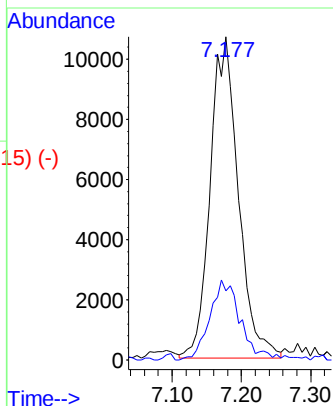
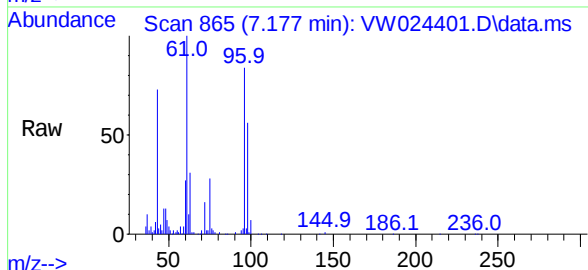




2-Butanone
Concen: 31.546 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

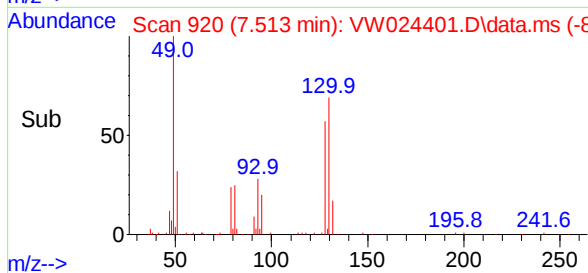
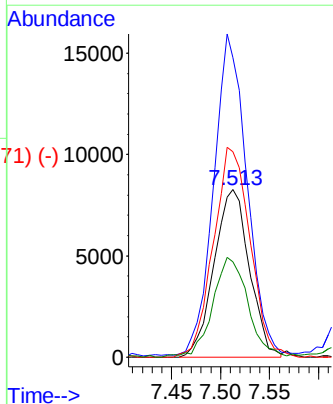
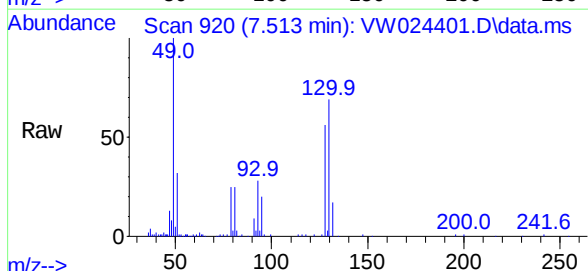
Instrument : MSVOA_W
ClientSampleId :

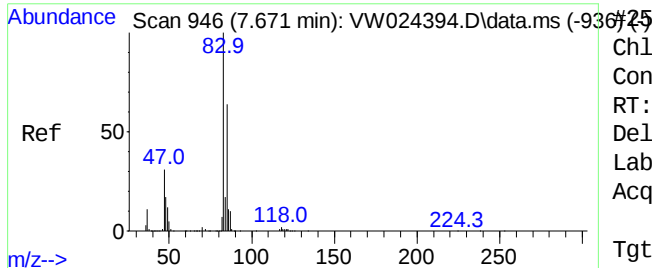
Tgt Ion: 43 Resp: 30117
Ion Ratio Lower Upper
43 100
72 15.0 13.9 41.6



Bromochloromethane
Concen: 15.464 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion:128 Resp: 20733
Ion Ratio Lower Upper
128 100
49 178.7 122.1 226.7
130 122.5 91.1 169.1
51 56.8 39.0 58.4





Chloroform

Concen: 16.606 ug/L

RT: 7.671 min Scan# 946

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

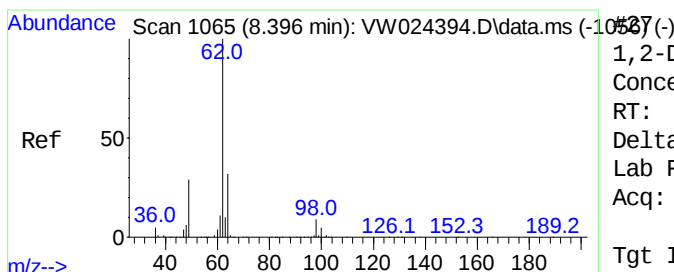
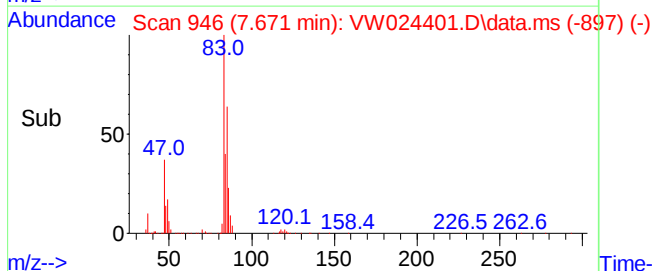
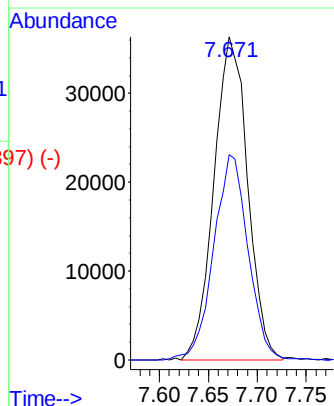
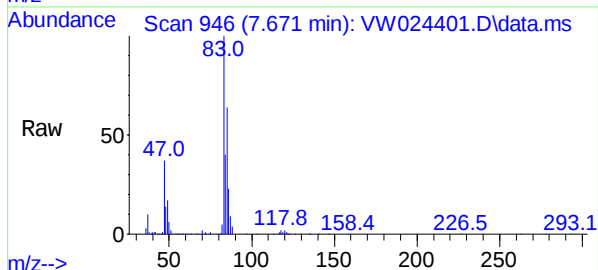
ClientSampleId :

Tgt Ion: 83 Resp: 86992

Ion Ratio Lower Upper

83 100

85 63.6 47.5 88.1



1,2-Dichloroethane

Concen: 19.373 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024401.D

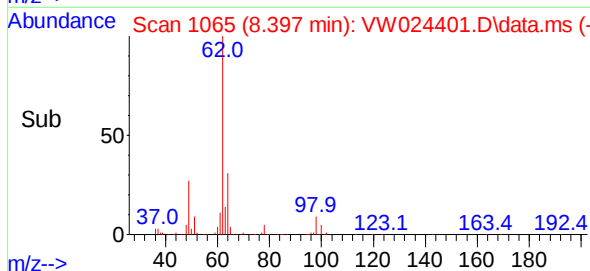
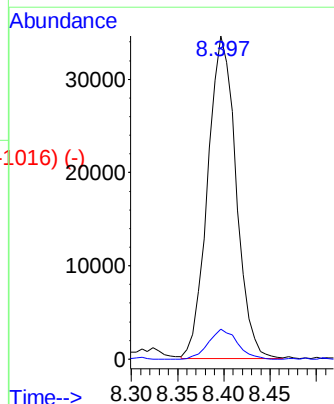
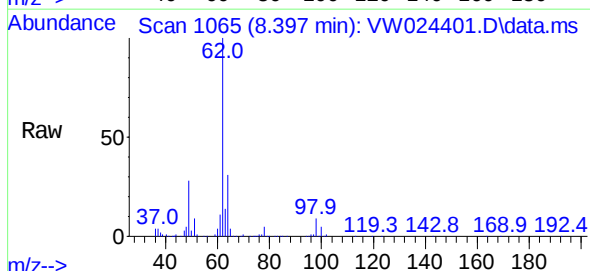
Acq: 27 Aug 2022 15:18

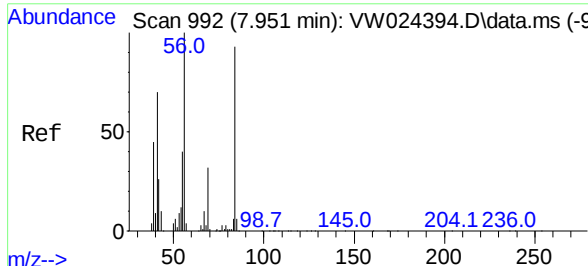
Tgt Ion: 62 Resp: 73871

Ion Ratio Lower Upper

62 100

98 9.3 6.7 10.1

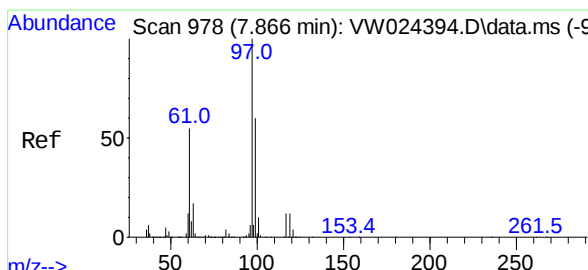
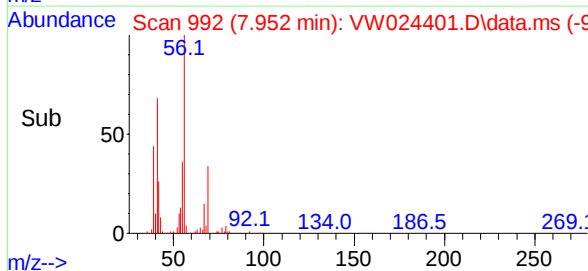
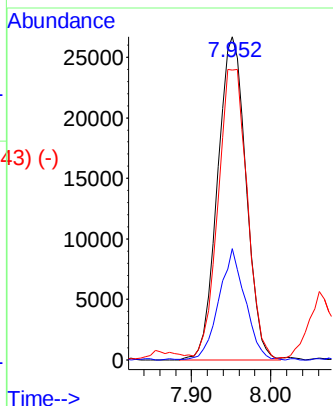
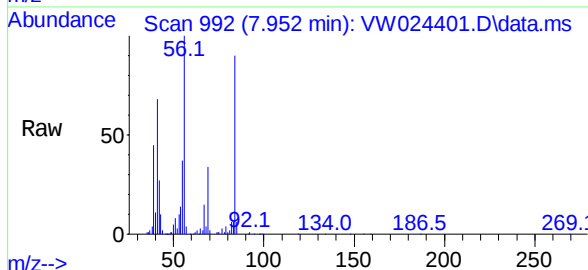




#29
Cyclohexane
Concen: 18.530 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

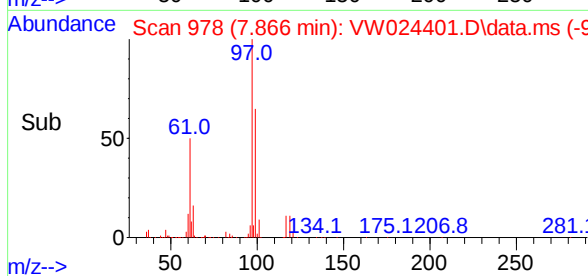
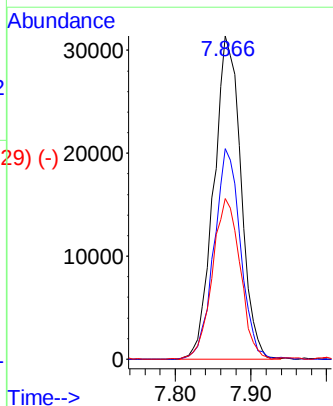
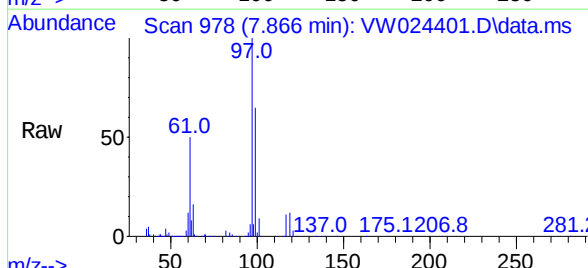
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	56	Resp:	66912
Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.5	35.3
84	90.9	72.2	108.4

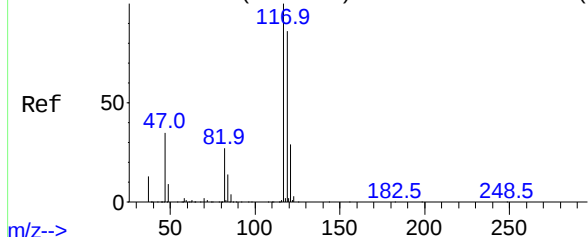


#30
1,1,1-Trichloroethane
Concen: 19.819 ug/L
RT: 7.866 min Scan# 978
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion:	97	Resp:	78263
Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.2	75.2
61	50.8	40.2	60.4



Abundance Scan 1010 (8.061 min): VW024394.D\data.ms (-99991)

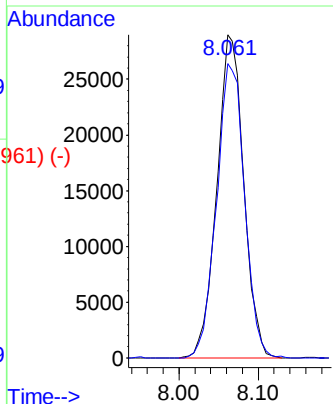
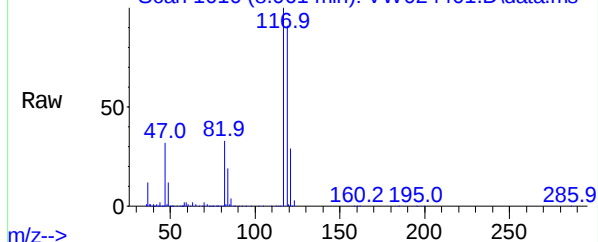


Carbon tetrachloride
Concen: 18.941 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

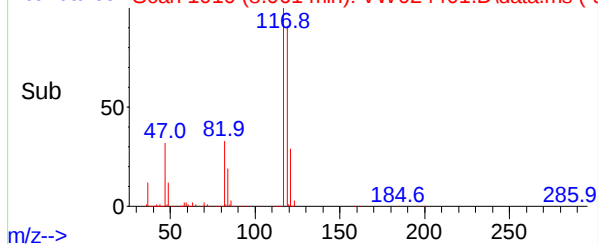
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 68427
Ion Ratio Lower Upper
117 100
119 94.8 75.9 113.9

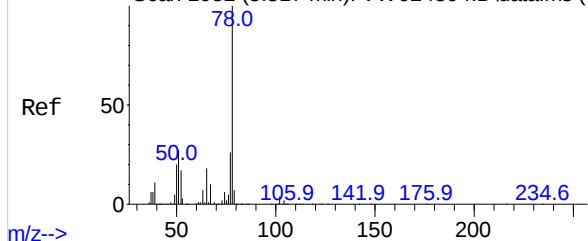
Abundance Scan 1010 (8.061 min): VW024401.D\data.ms



Abundance Scan 1010 (8.061 min): VW024401.D\data.ms (-961) (-)



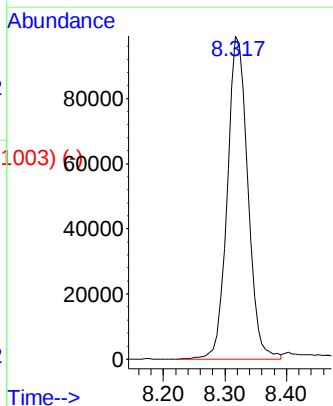
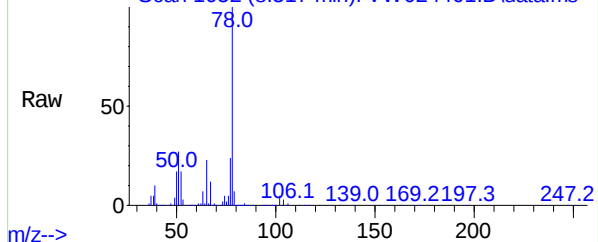
Abundance Scan 1052 (8.317 min): VW024394.D\data.ms (-1033) (-)



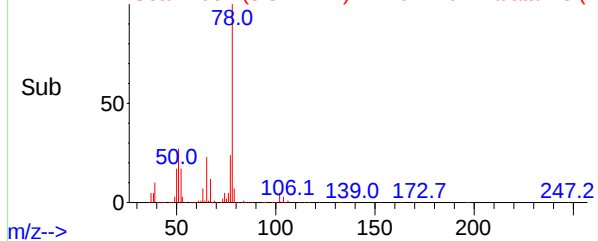
Benzene
Concen: 21.968 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

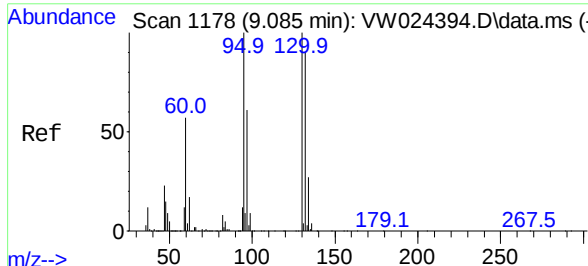
Tgt Ion: 78 Resp: 229084

Abundance Scan 1052 (8.317 min): VW024401.D\data.ms



Abundance Scan 1052 (8.317 min): VW024401.D\data.ms (-1003) (-)

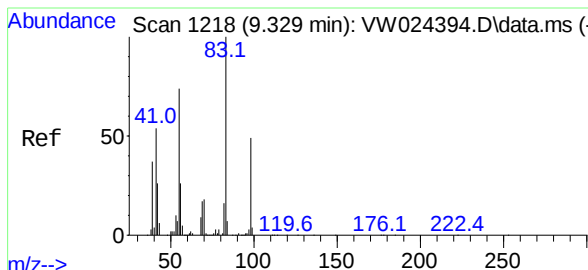
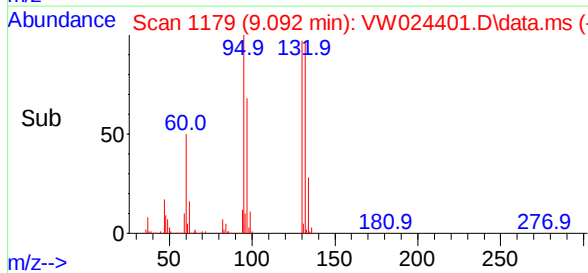
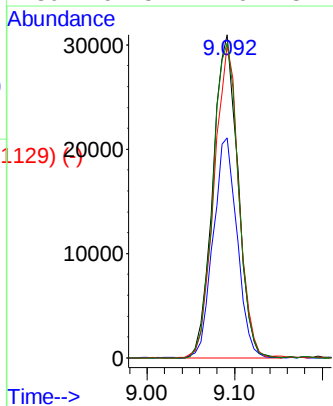
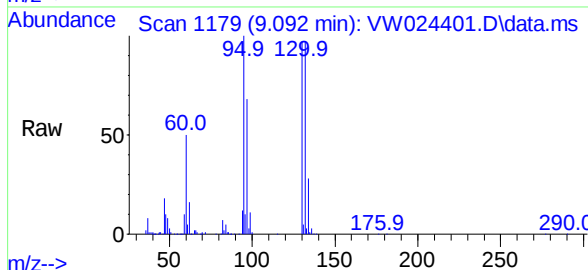




#94 (-)
Trichloroethene
Concen: 22.280 ug/L
RT: 9.092 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

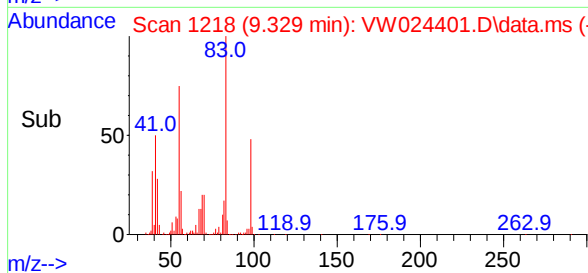
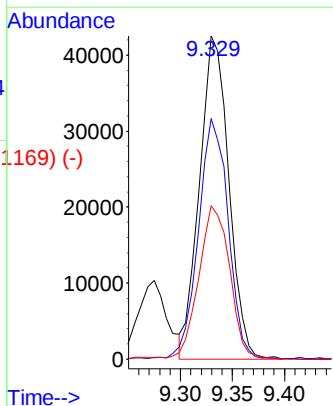
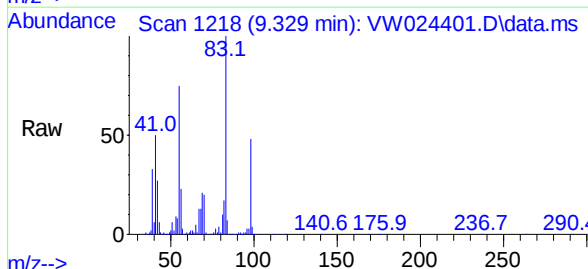
Instrument :
MSVOA_W
ClientSampleId :

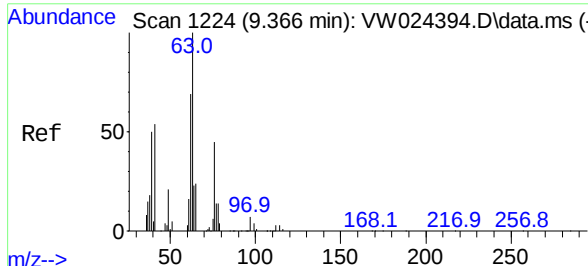
Tgt Ion:	95	Resp:	61235
Ion	Ratio	Lower	Upper
95	100		
97	68.1	48.4	89.8
132	97.0	68.6	127.4
130	97.5	72.6	134.8



#125 (-)
Methylcyclohexane
Concen: 18.844 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion:	83	Resp:	83095
Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.1	90.1
98	50.0	40.5	60.7

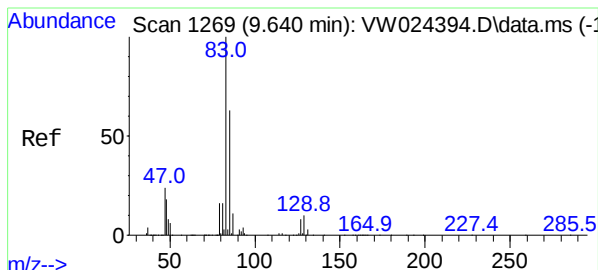
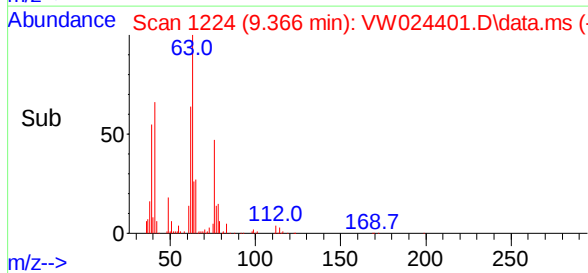
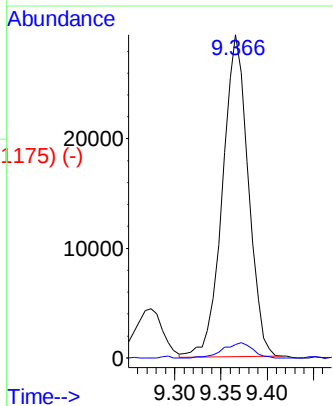
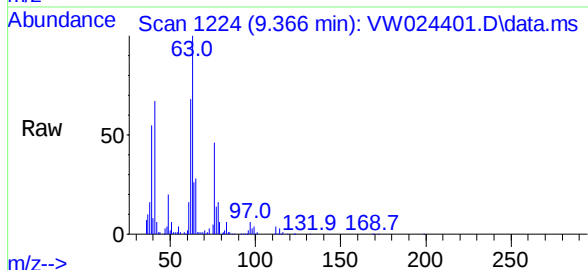




1,2-Dichloropropane
 Concen: 21.141 ug/L
 RT: 9.366 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

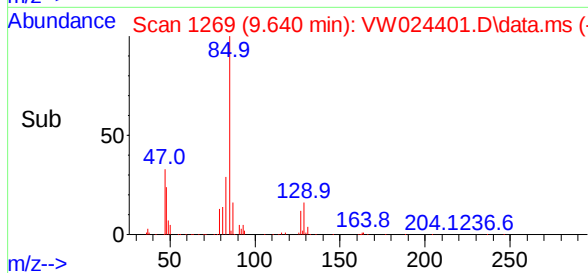
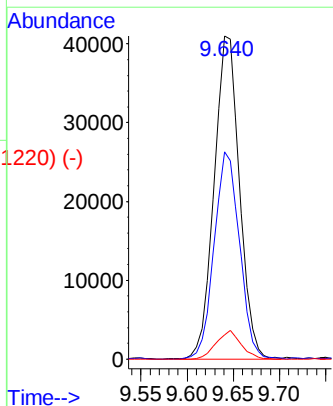
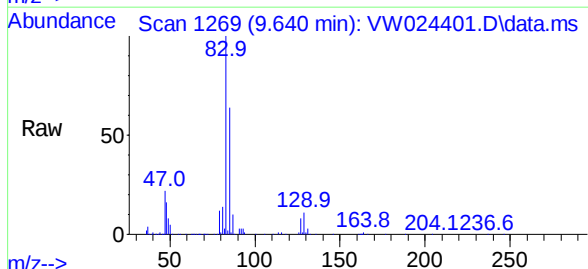
Instrument :
 MSVOA_W
 ClientSampleId :

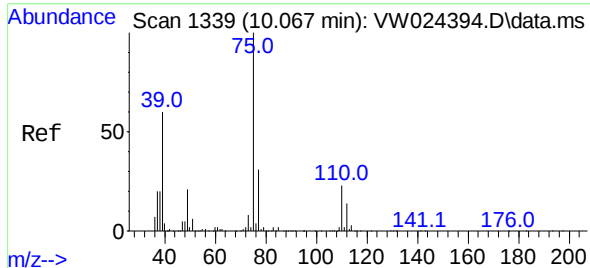
Tgt Ion: 63 Resp: 56893
 Ion Ratio Lower Upper
 63 100
 112 5.3 3.4 5.0#



Bromodichloromethane
 Concen: 21.359 ug/L
 RT: 9.640 min Scan# 1269
 Delta R.T. 0.000 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

Tgt Ion: 83 Resp: 78277
 Ion Ratio Lower Upper
 83 100
 85 64.1 46.3 85.9
 127 7.5 6.7 10.1

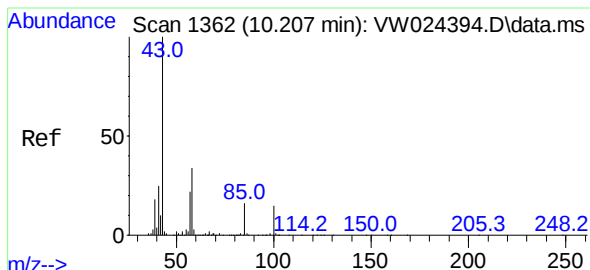
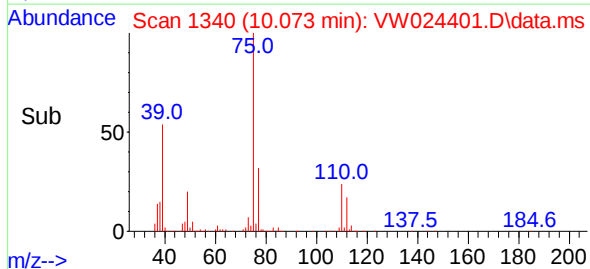
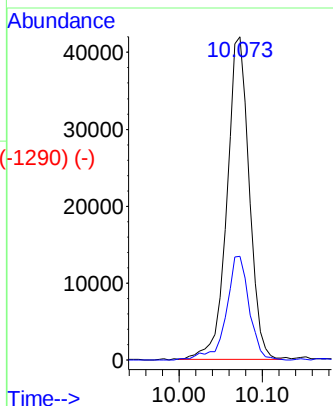
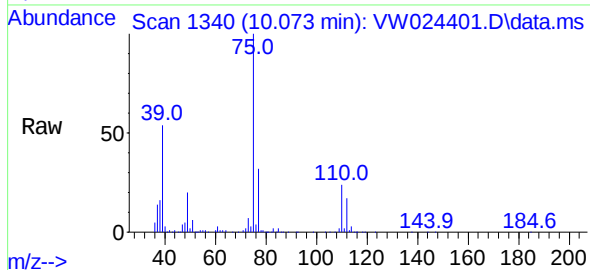




cis-1,3-Dichloropropene
Concen: 20.878 ug/L
RT: 10.073 min Scan# 1339
Delta R.T. 0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

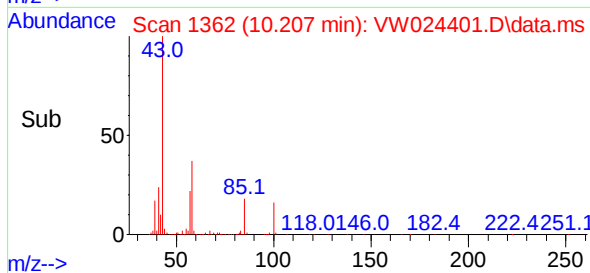
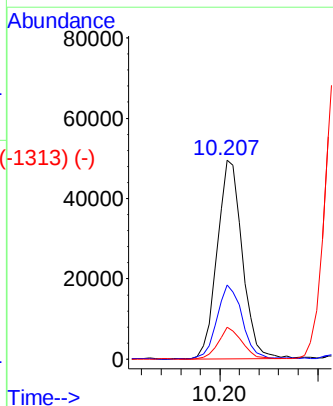
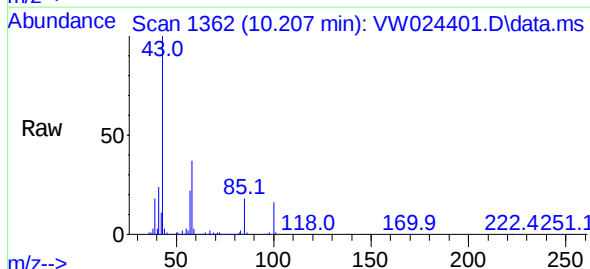
Instrument :
MSVOA_W
ClientSampleId :

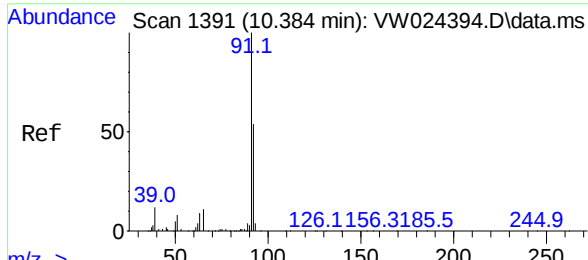
Tgt Ion: 75 Resp: 78541
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6



4-Methyl-2-pentanone
Concen: 46.092 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion: 43 Resp: 88204
Ion Ratio Lower Upper
43 100
58 37.6 29.4 44.2
100 15.3 11.8 17.8

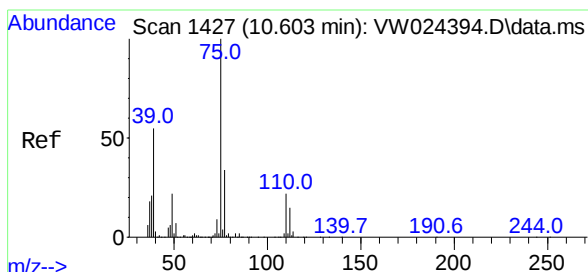
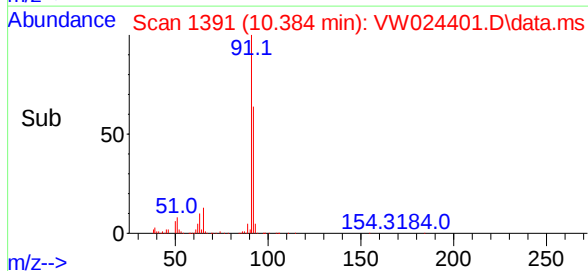
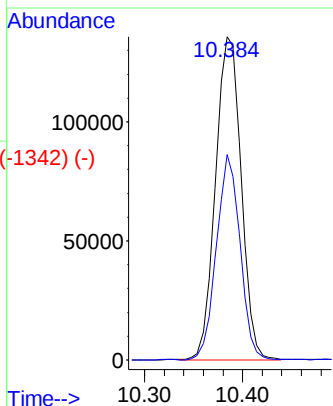
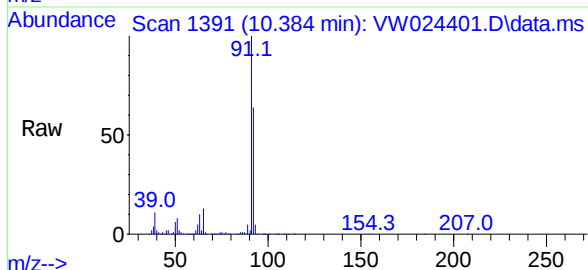




Toluene
Concen: 21.474 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

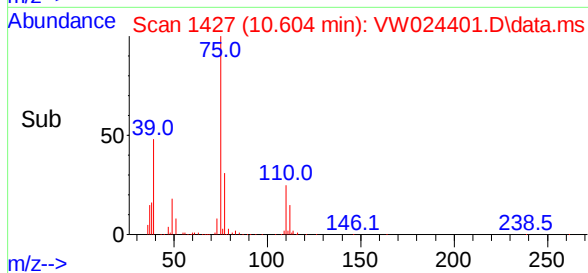
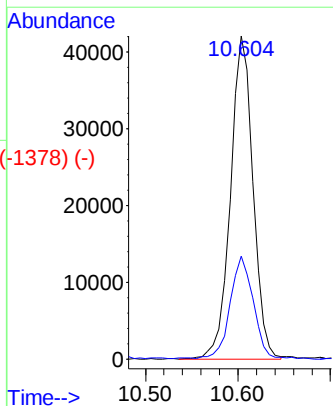
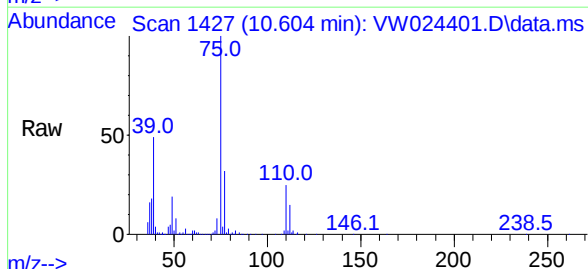
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 247135
Ion Ratio Lower Upper
91 100
92 63.6 40.0 74.4

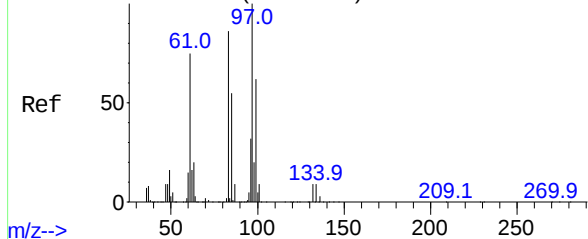


trans-1,3-Dichloropropene
Concen: 19.447 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion: 75 Resp: 71087
Ion Ratio Lower Upper
75 100
77 31.8 21.1 39.1



Abundance Scan 1457 (10.786 min): VW024394.D\data.ms (-1445) (-)

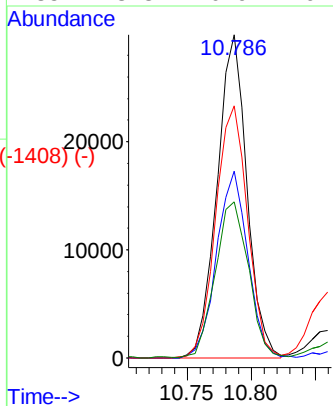
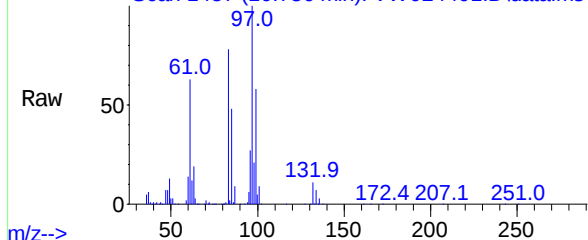


1,1,2-Trichloroethane
Concen: 22.007 ug/L
RT: 10.786 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

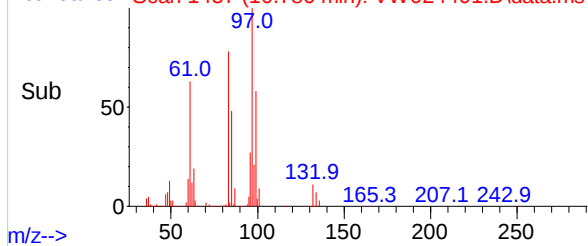
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	97	Resp:	48295
Ion	Ratio	Lower	Upper
97	100		
99	57.8	40.4	75.0
83	78.1	60.1	111.5
85	48.3	40.9	76.0

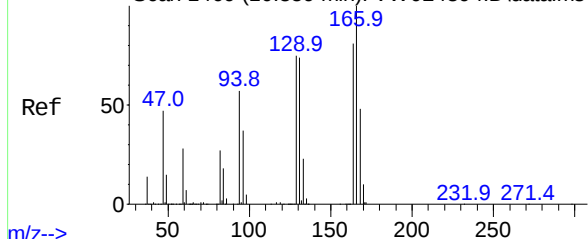
Abundance Scan 1457 (10.786 min): VW024401.D\data.ms



Abundance Scan 1457 (10.786 min): VW024401.D\data.ms (-1408) (-)



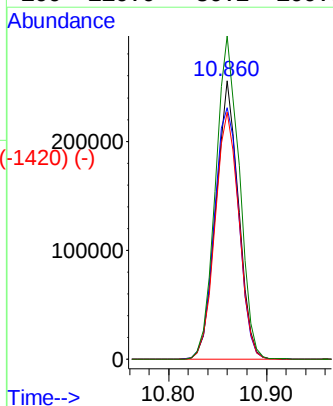
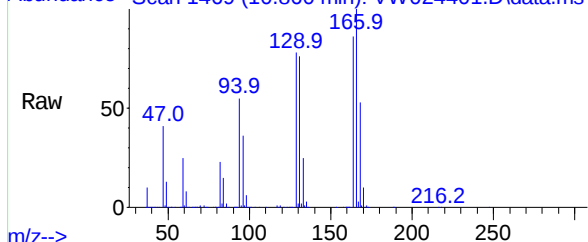
Abundance Scan 1469 (10.859 min): VW024394.D\data.ms (-1462) (-)



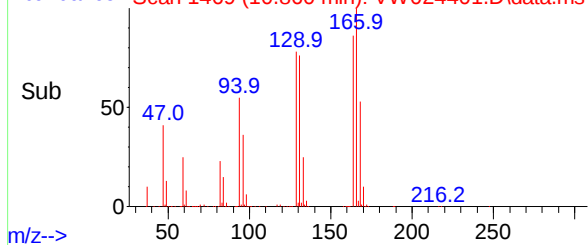
Tetrachloroethene
Concen: 192.549 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

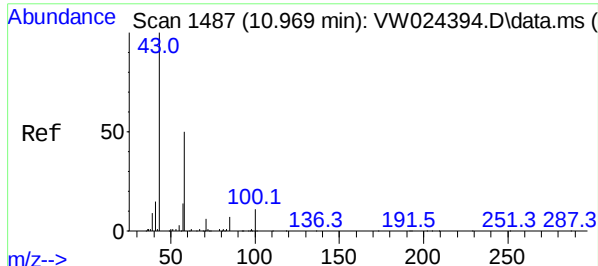
Tgt Ion:	164	Resp:	411005
Ion	Ratio	Lower	Upper
164	100		
129	90.4	72.9	135.3
131	88.7	63.7	118.3
166	116.0	86.2	160.0

Abundance Scan 1469 (10.860 min): VW024401.D\data.ms



Abundance Scan 1469 (10.860 min): VW024401.D\data.ms (-1420) (-)

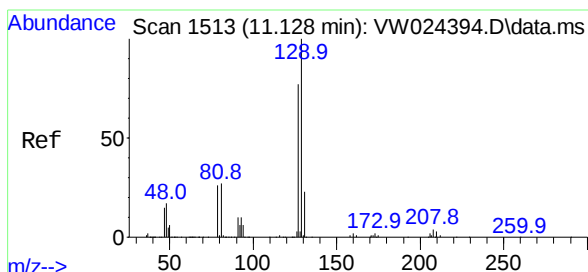
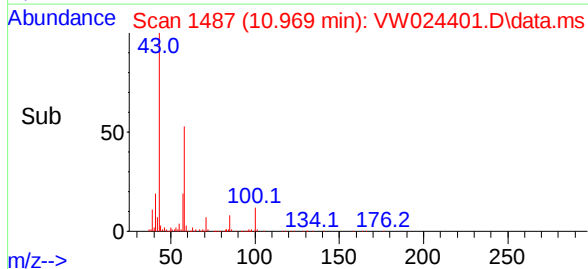
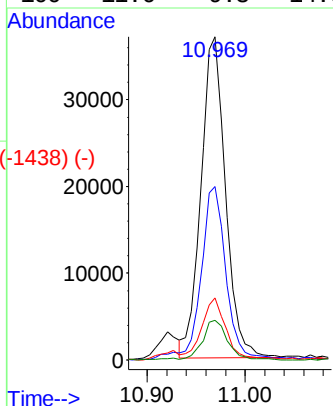
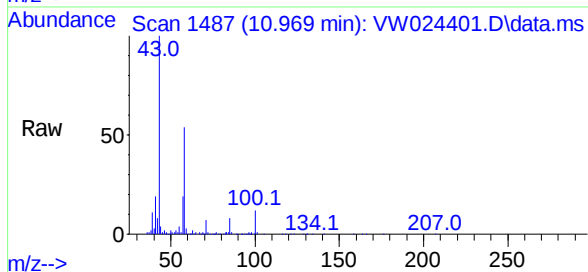




2-Hexanone
Concen: 45.760 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

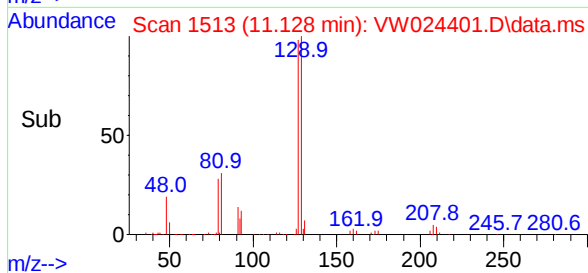
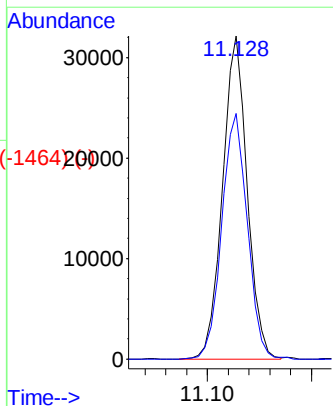
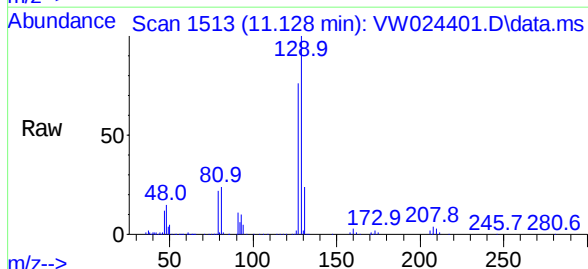
Instrument :
MSVOA_W
ClientSampleId :

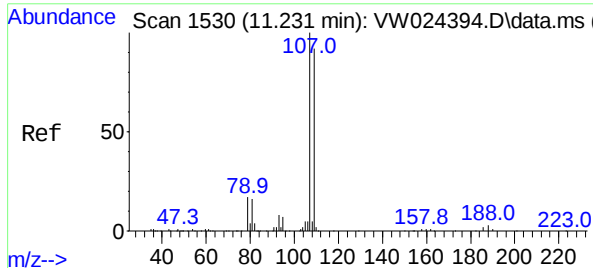
Tgt Ion:	43	Resp:	64591
Ion	Ratio	Lower	Upper
43	100		
58	53.1	40.6	61.0
57	19.1	14.2	21.2
100	11.6	9.8	14.6



Dibromochloromethane
Concen: 20.586 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion:	129	Resp:	53434
Ion	Ratio	Lower	Upper
129	100		
127	76.0	54.6	101.4





1,2-Dibromoethane

Concen: 22.728 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

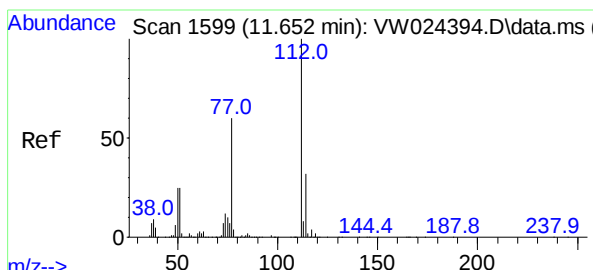
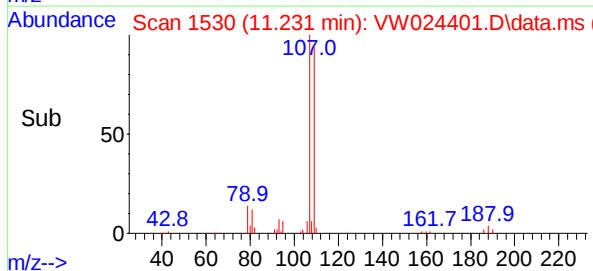
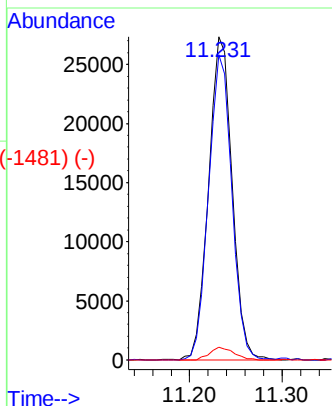
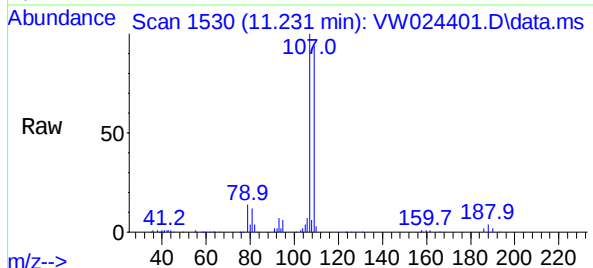
Tgt Ion:107 Resp: 47953

Ion Ratio Lower Upper

107 100

109 94.5 70.1 130.1

188 3.9 2.6 3.8#



Chlorobenzene

Concen: 20.792 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

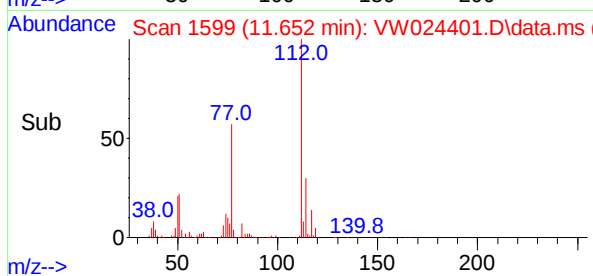
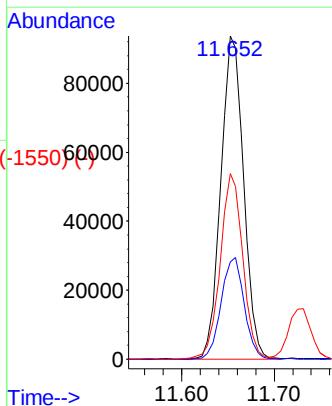
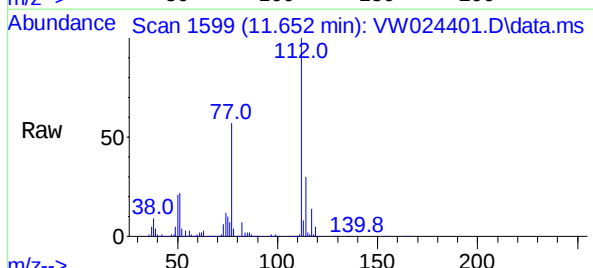
Tgt Ion:112 Resp: 160605

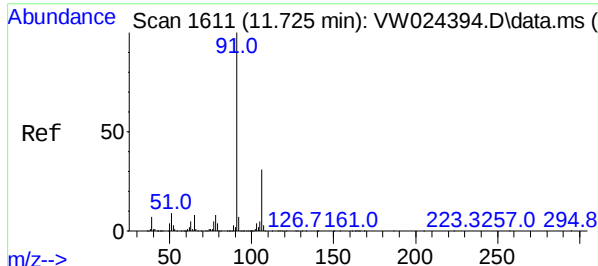
Ion Ratio Lower Upper

112 100

114 30.0 22.3 41.3

77 57.5 44.1 66.1

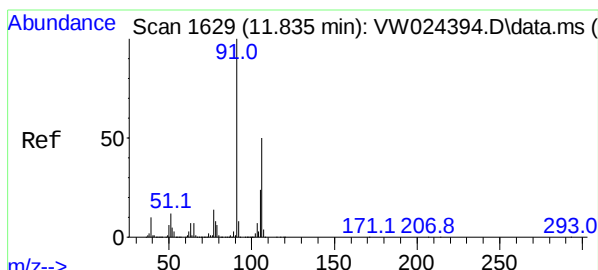
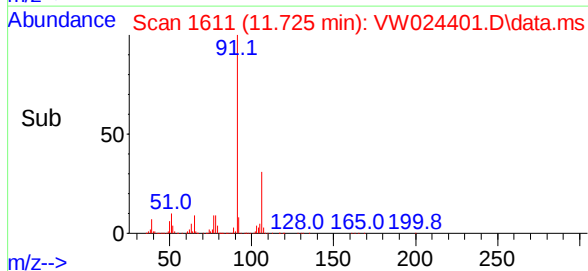
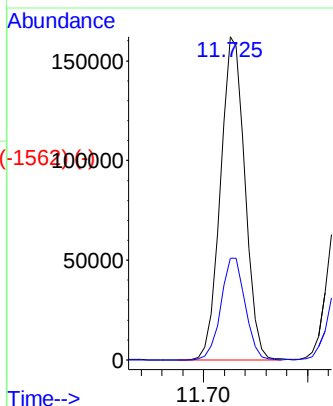
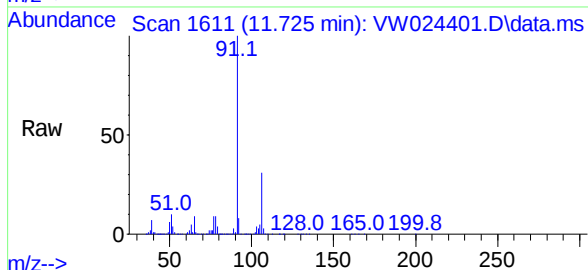




Scan 1611 (11.725 min): VW024394.D\data.ms (-1653) (-)
 Ethylbenzene
 Concen: 20.966 ug/L
 RT: 11.725 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

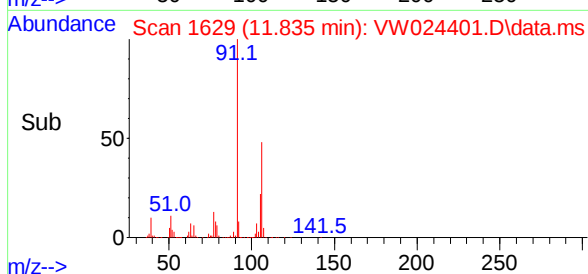
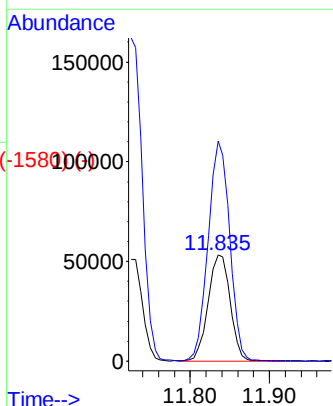
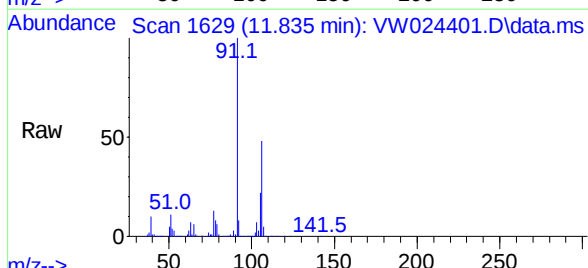
Instrument :
 MSVOA_W
 ClientSampleId :

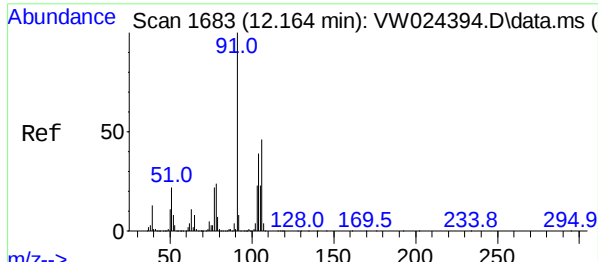
Tgt Ion: 91 Resp: 266753
 Ion Ratio Lower Upper
 91 100
 106 31.5 22.7 42.3



Scan 1629 (11.835 min): VW024394.D\data.ms (-1623) (-)
 m,p-Xylene
 Concen: 20.709 ug/L
 RT: 11.835 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

Tgt Ion: 106 Resp: 103478
 Ion Ratio Lower Upper
 106 100
 91 206.8 144.3 267.9

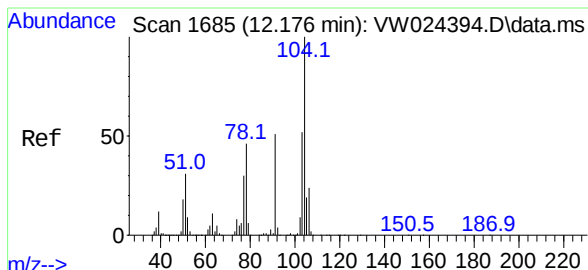
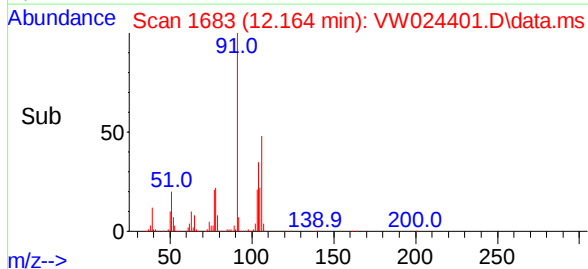
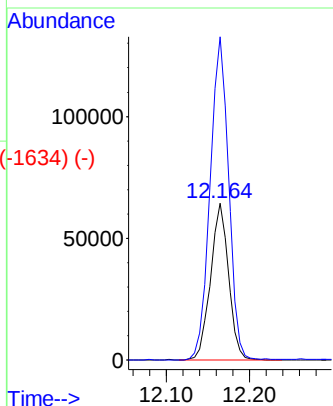
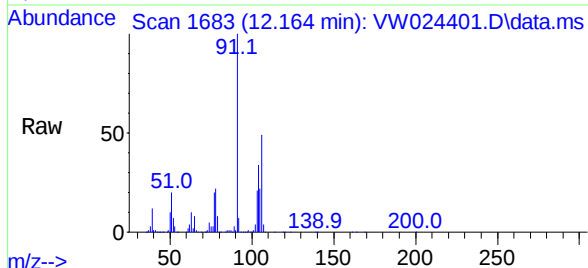




o-Xylene
Concen: 20.720 ug/L
RT: 12.164 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

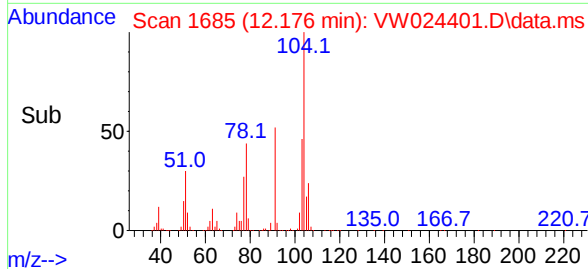
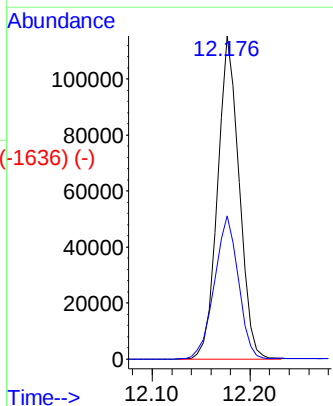
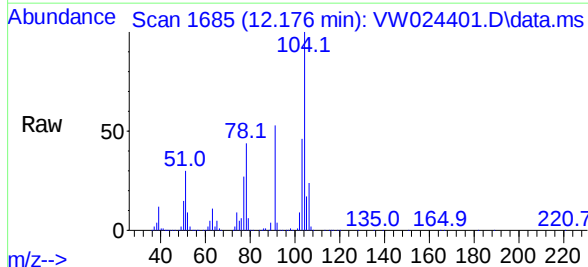
Instrument :
MSVOA_W
ClientSampleId :

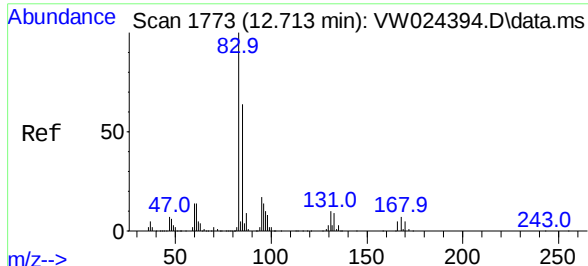
Tgt Ion:106 Resp: 96787
Ion Ratio Lower Upper
106 100
91 206.0 152.1 282.5



Styrene
Concen: 21.354 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion:104 Resp: 176321
Ion Ratio Lower Upper
104 100
78 44.4 32.0 59.4

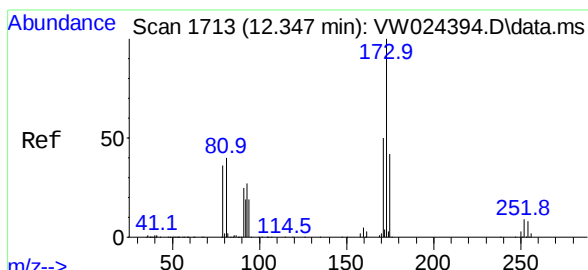
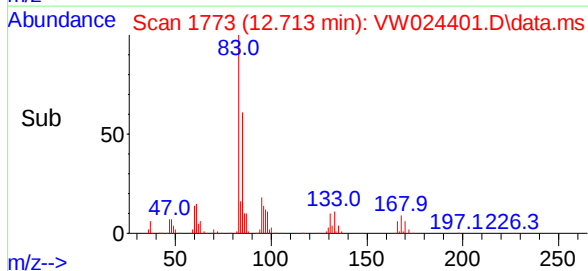
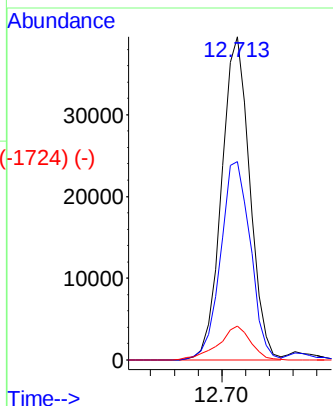
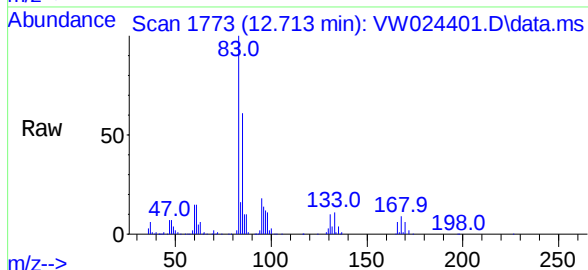




1,1,2,2-Tetrachloroethane
 Concen: 21.232 ug/L
 RT: 12.713 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

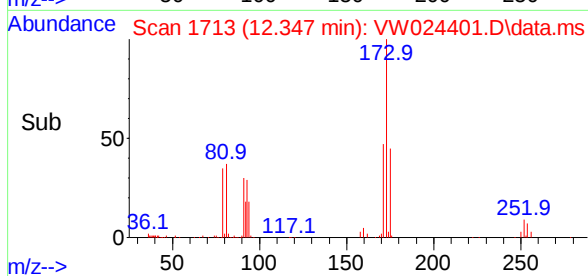
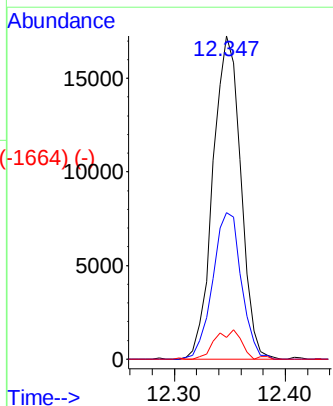
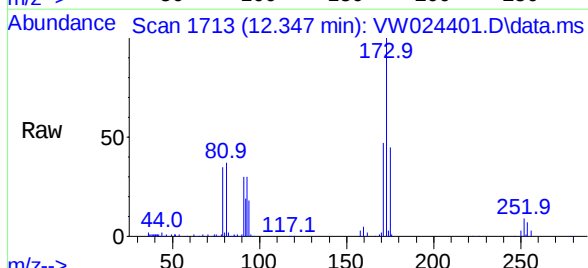
Instrument :
 MSVOA_W
 ClientSampleId :

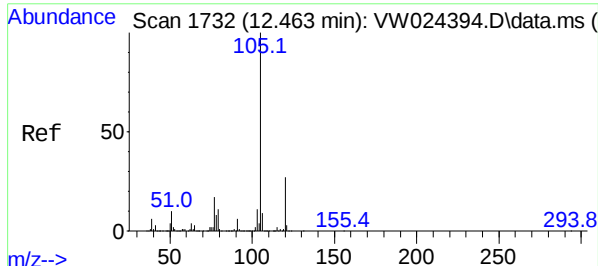
Tgt Ion:	83	Resp:	65038
Ion	Ratio	Lower	Upper
83	100		
85	61.5	44.4	82.5
131	10.5	8.4	12.6



Bromoform
 Concen: 22.495 ug/L
 RT: 12.347 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

Tgt Ion:	173	Resp:	30106
Ion	Ratio	Lower	Upper
173	100		
175	46.6	39.8	59.6
254	8.5	6.8	10.2





Isopropylbenzene

Concen: 23.355 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

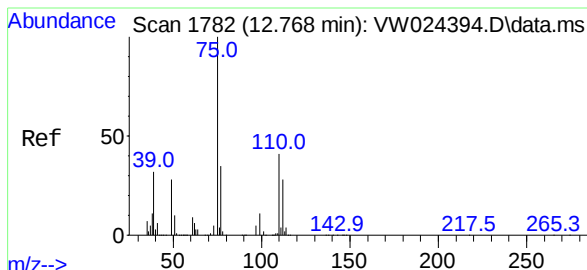
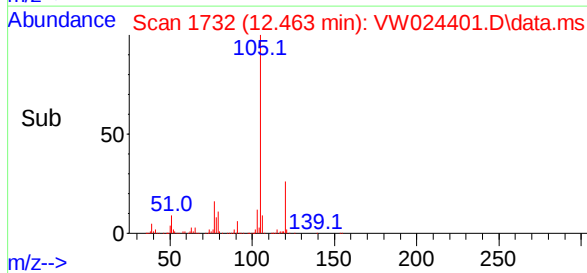
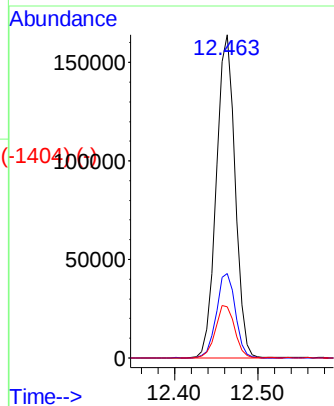
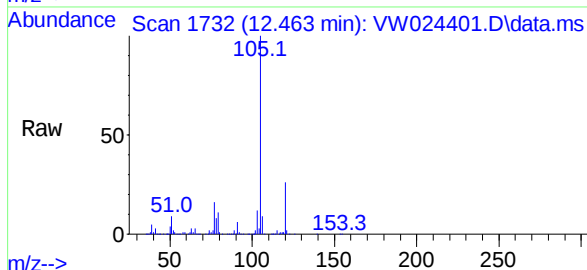
Tgt Ion:105 Resp: 258696

Ion Ratio Lower Upper

105 100

120 26.5 21.4 32.0

77 16.6 13.0 19.6



1,2,3-Trichloropropane

Concen: 24.647 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

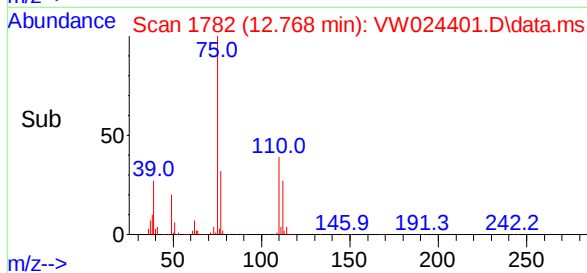
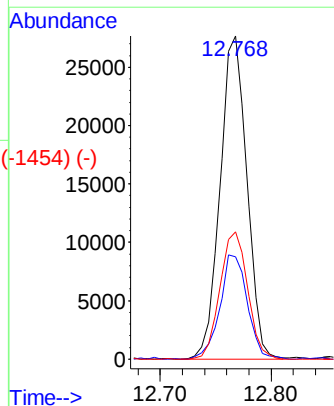
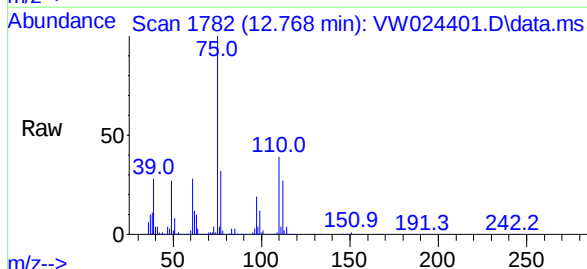
Tgt Ion: 75 Resp: 46483

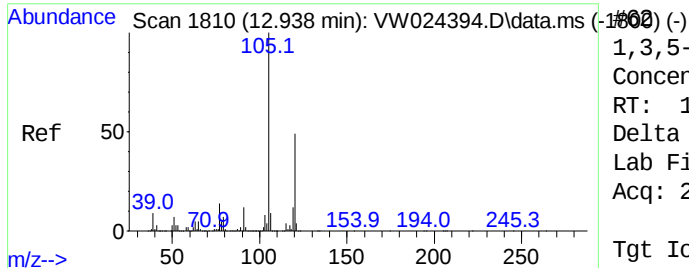
Ion Ratio Lower Upper

75 100

77 33.0 26.5 39.7

110 40.7 33.8 50.8

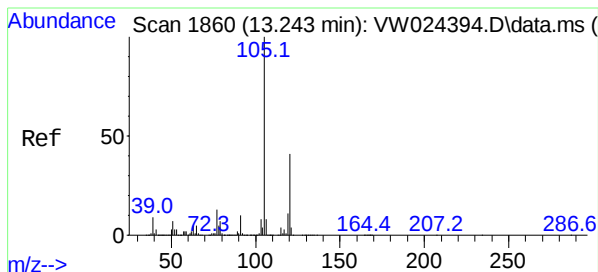
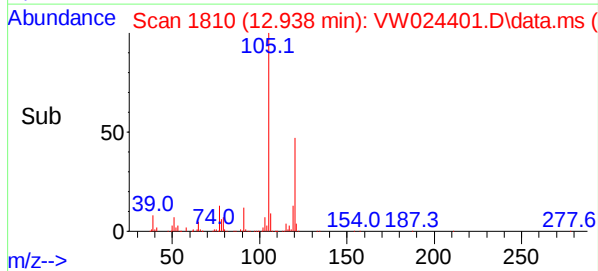
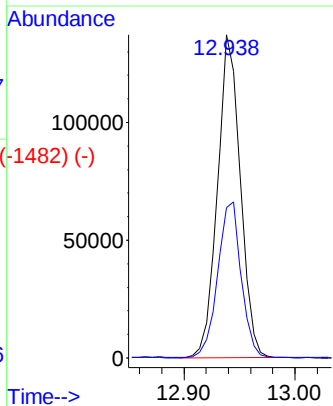
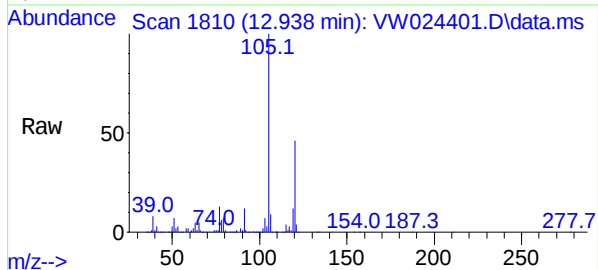




1,3,5-Trimethylbenzene
Concen: 21.990 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

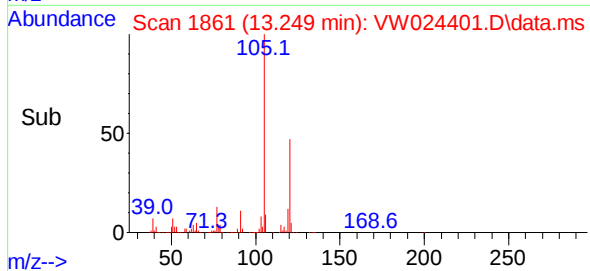
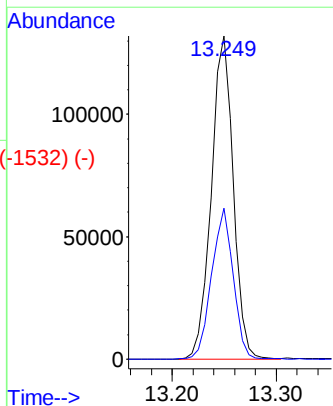
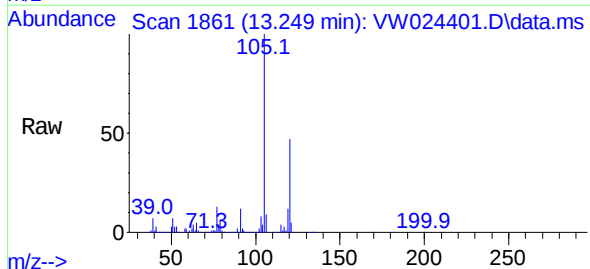
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 196399
Ion Ratio Lower Upper
105 100
120 49.9 38.4 57.6

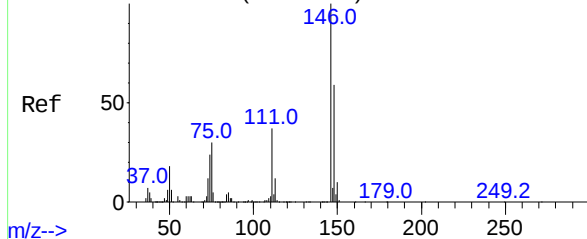


1,2,4-Trimethylbenzene
Concen: 22.395 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion:105 Resp: 194282
Ion Ratio Lower Upper
105 100
120 46.0 36.2 54.2



Abundance Scan 1902 (13.499 min): VW024394.D\data.ms (-1853) (-)

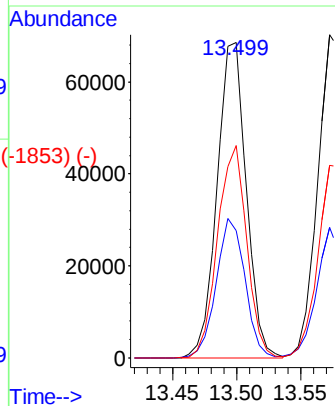
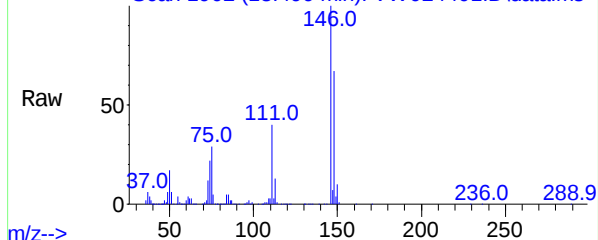


1,3-Dichlorobenzene
Concen: 20.471 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

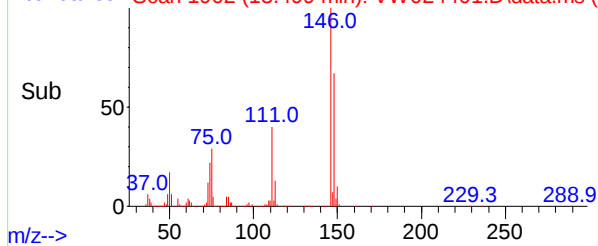
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	146	Resp:	108412
Ion	Ratio	Lower	Upper
146	100		
111	40.4	27.0	50.2
148	67.2	44.9	83.3

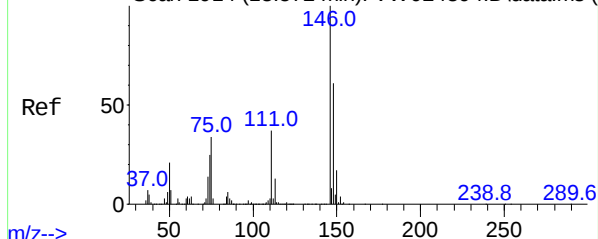
Abundance Scan 1902 (13.499 min): VW024401.D\data.ms



Abundance Scan 1902 (13.499 min): VW024401.D\data.ms (-1853) (-)



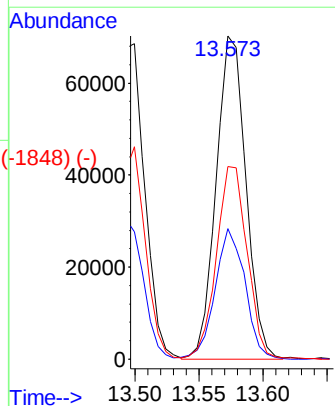
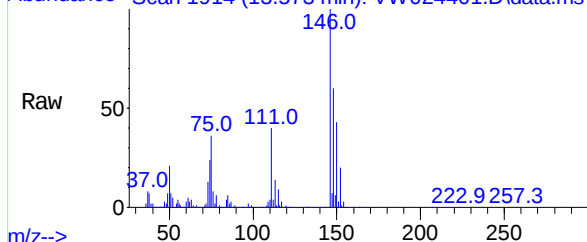
Abundance Scan 1914 (13.572 min): VW024394.D\data.ms (-1853) (-)



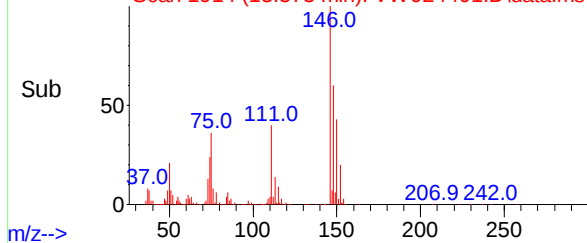
1,4-Dichlorobenzene
Concen: 20.293 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

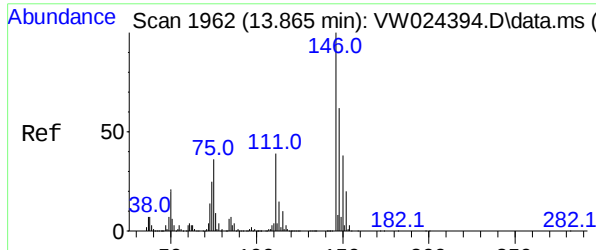
Tgt Ion:	146	Resp:	113462
Ion	Ratio	Lower	Upper
146	100		
111	40.4	27.7	51.5
148	59.5	46.5	86.5

Abundance Scan 1914 (13.573 min): VW024401.D\data.ms



Abundance Scan 1914 (13.573 min): VW024401.D\data.ms (-1848) (-)

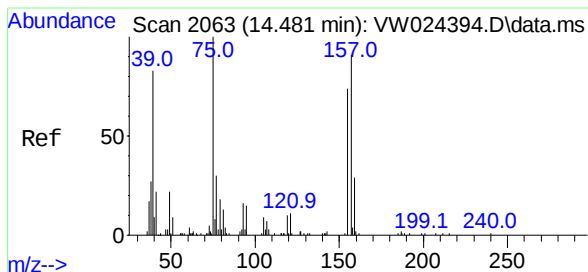
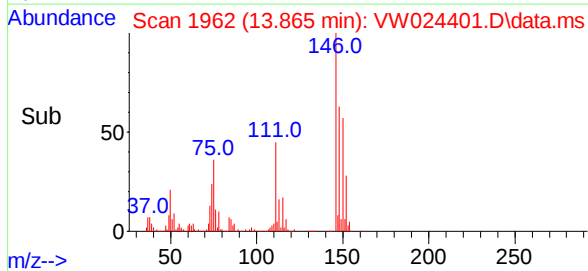
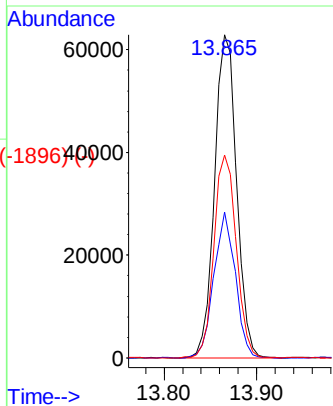
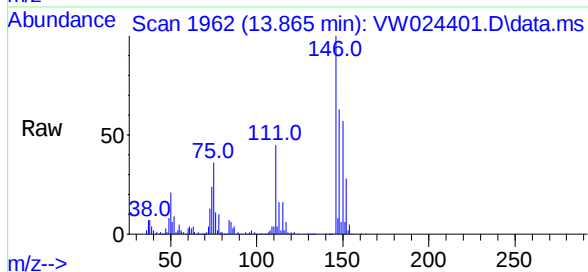




Scan 1962 (13.865 min): VW024394.D\data.ms (-1957) (-)
 1,2-Dichlorobenzene
 Concen: 21.015 ug/L
 RT: 13.865 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

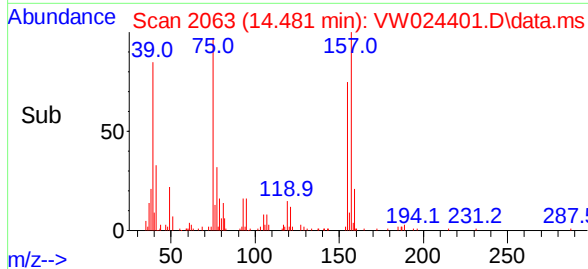
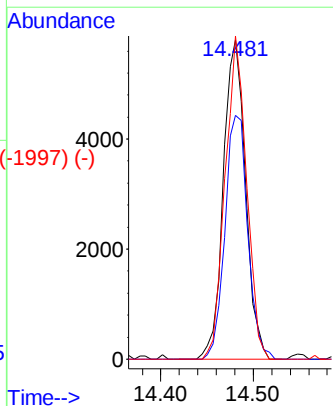
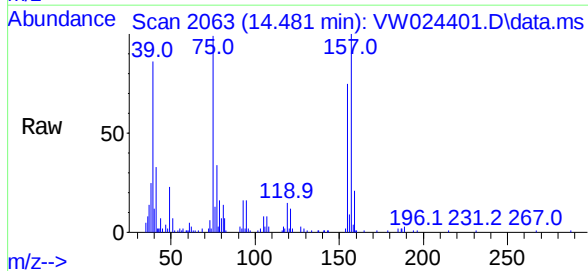
Instrument :
 MSVOA_W
 ClientSampleId :

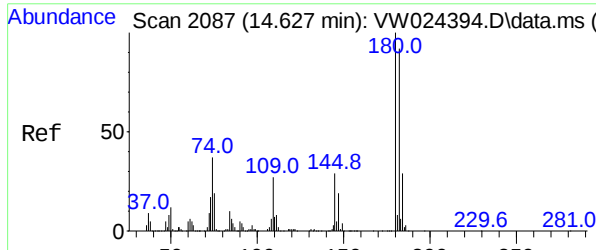
Tgt Ion:	146	Resp:	104323
Ion	Ratio	Lower	Upper
146	100		
111	45.2	34.5	51.7
148	62.7	50.6	75.8



Scan 2063 (14.481 min): VW024394.D\data.ms (-2063) (-)
 1,2-Dibromo-3-chloropropane
 Concen: 20.432 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

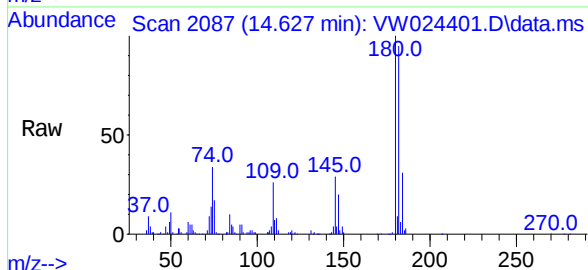
Tgt Ion:	75	Resp:	9681
Ion	Ratio	Lower	Upper
75	100		
155	76.2	63.9	95.9
157	101.2	72.2	108.4





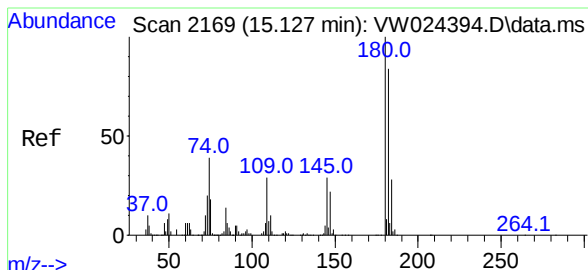
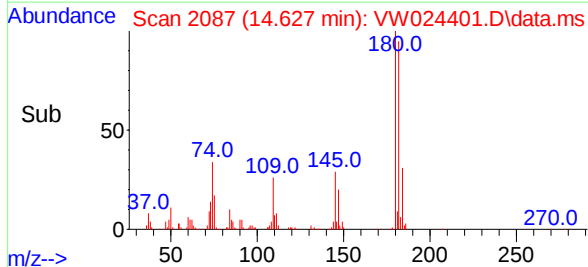
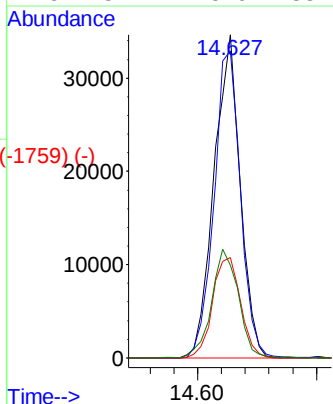
Scan 2087 (14.627 min): VW024394.D\data.ms (-2089) (-)
 1,3,5-Trichlorobenzene
 Concen: 15.439 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 52774

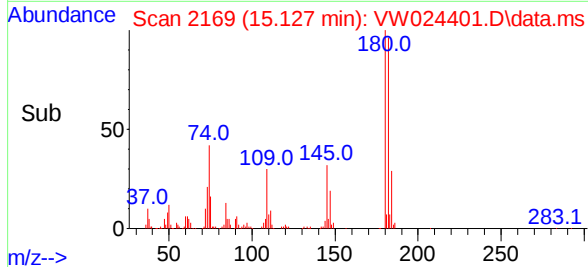
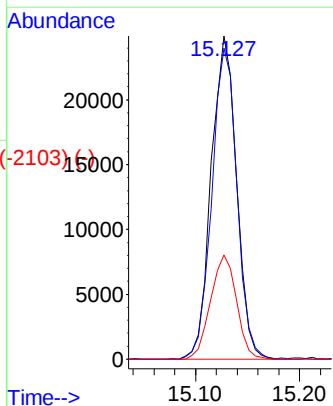
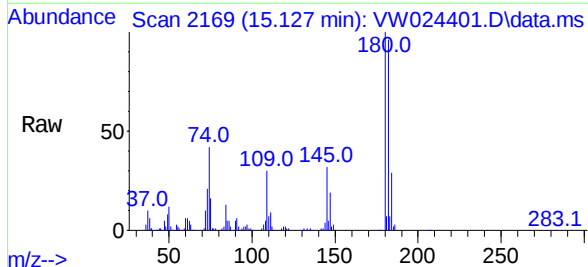
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.6	114.8
184	33.3	24.5	36.7
145	34.4	25.9	38.9

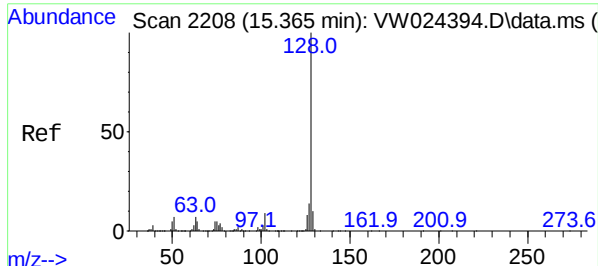


Scan 2169 (15.127 min): VW024394.D\data.ms (-2169) (-)
 1,2,4-trichlorobenzene
 Concen: 15.894 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

Tgt Ion:180 Resp: 42233

Ion	Ratio	Lower	Upper
180	100		
182	95.7	72.6	109.0
145	33.0	26.2	39.2

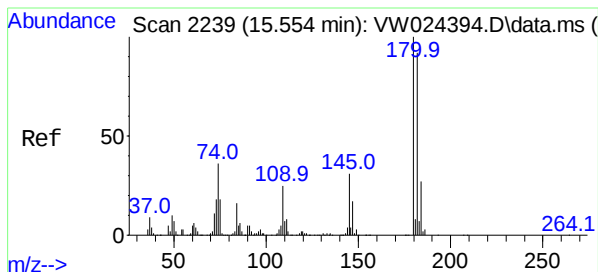
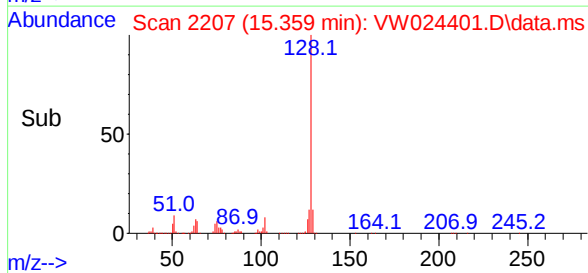
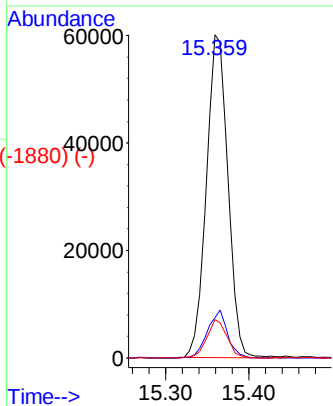
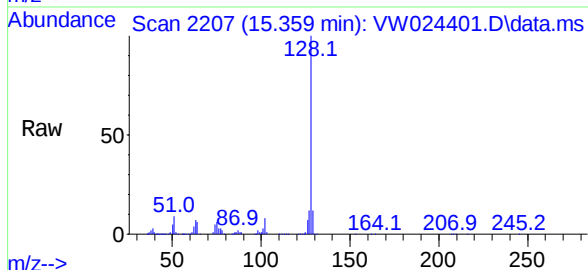




Naphthalene
Concen: 18.500 ug/L
RT: 15.359 min Scan# 2208
Delta R.T. -0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	107960
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.1	8.3	12.5



1,2,3-Trichlorobenzene
Concen: 15.425 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion:	180	Resp:	38738
Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.6	111.8
145	35.9	26.6	40.0

