

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024397.D
 Acq On : 27 Aug 2022 13:40
 Operator : SY/VA
 Sample : N4363-12MS
 Misc : 5.35g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 01:47:23 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	361739	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	378536	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	208433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	197544	19.811	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	79.240%	
7) Chloroethane-d5	2.873	69	165093	22.097	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	88.400%	
11) 1,1-Dichloroethene-d2	4.013	63	221812	25.648	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	102.600%	
21) 2-Butanone-d5	7.074	46	108927	59.307	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	118.620%	
24) Chloroform-d	7.647	84	329754	28.355	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	113.400%	
26) 1,2-Dichloroethane-d4	8.305	65	198053	28.082	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	112.320%	
32) Benzene-d6	8.268	84	614273	28.323	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	113.280%	
36) 1,2-Dichloropropane-d6	9.274	67	197782	29.323	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	117.280%	
41) Toluene-d8	10.323	98	577041	27.983	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	111.920%	
43) trans-1,3-Dichloroprop...	10.573	79	85546	27.102	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	108.400%	
47) 2-Hexanone-d5	10.920	63	94857	62.844	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	125.680%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	219037	28.683	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	114.720%	
66) 1,2-Dichlorobenzene-d4	13.853	152	218626	27.854	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	111.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	42516	11.735	ug/L	99
3) Chloromethane	2.215	50	90190	13.324	ug/L	99
5) Vinyl chloride	2.349	62	186961	15.800	ug/L	99
6) Bromomethane	2.763	94	132237	15.921	ug/L	97
8) Chloroethane	2.904	64	104594	16.920	ug/L	97
9) Trichlorofluoromethane	3.245	101	85122	15.297	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	107786	20.195	ug/L	98
13) Acetone	4.117	43	50146	45.751	ug/L	96
14) Carbon disulfide	4.373	76	294574	20.513	ug/L	99
15) Methyl Acetate	4.665	43	54604	20.364	ug/L	98
16) Methylene chloride	4.909	84	131193	21.625	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	116404	22.760	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	192987	23.045	ug/L	97
19) 1,1-Dichloroethane	6.214	63	212555	21.978	ug/L	94
22) 2-Butanone	7.171	43	83554	42.726	ug/L	100
23) Bromochloromethane	7.513	128	60288	21.953	ug/L	98
25) Chloroform	7.671	83	232851	21.701	ug/L	92
27) 1,2-Dichloroethane	8.397	62	164515	21.063	ug/L	96

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 Response via : Initial Calibration

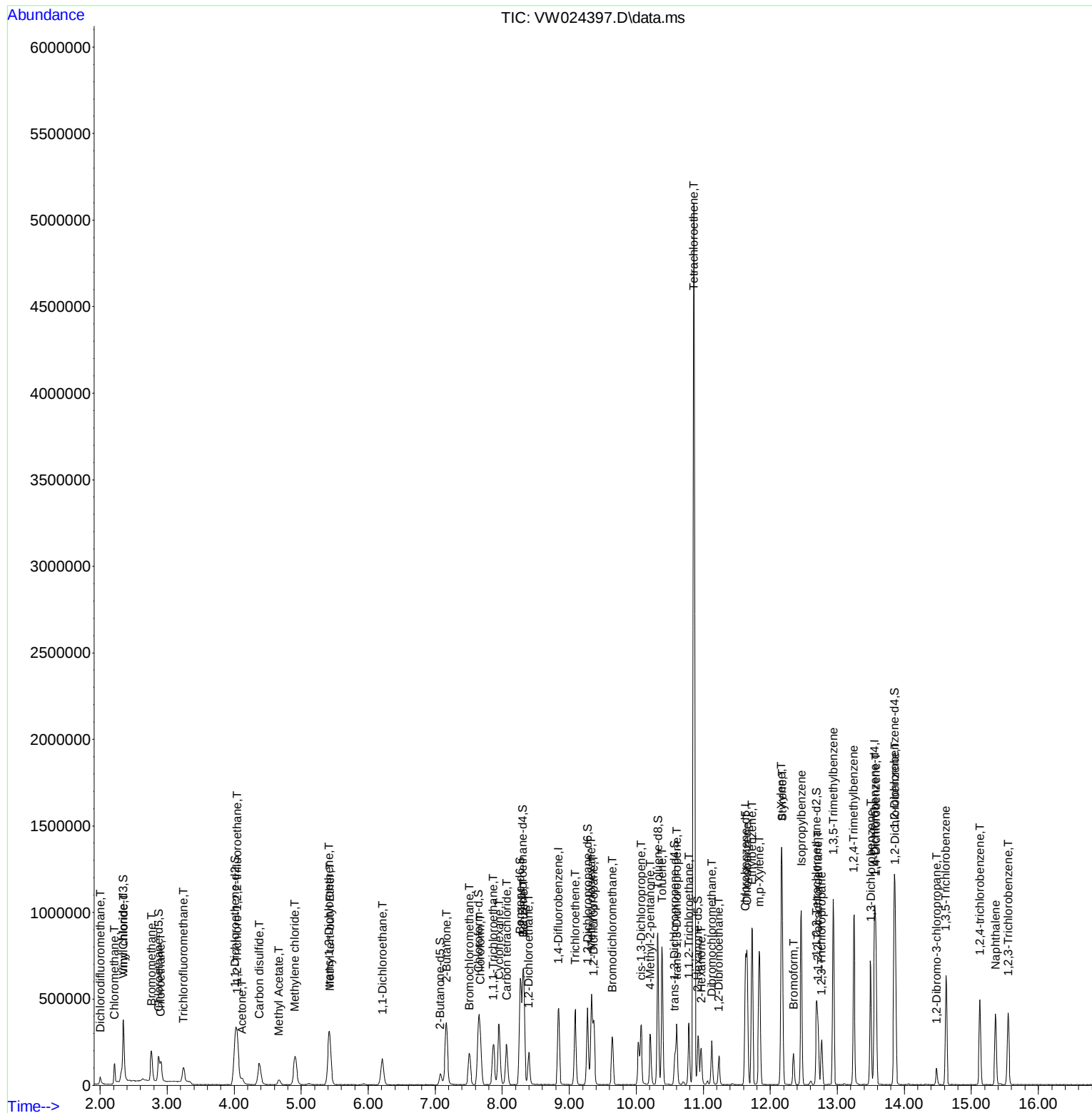
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	182964	22.420	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	180657	20.243	ug/L	98
31) Carbon tetrachloride	8.067	117	167228	20.482	ug/L	99
33) Benzene	8.323	78	516578	21.919	ug/L	100
34) Trichloroethene	9.092	95	147345	23.721	ug/L	95
35) Methylcyclohexane	9.329	83	205706	20.641	ug/L	99
37) 1,2-Dichloropropane	9.366	63	128944	21.201	ug/L	98
38) Bromodichloromethane	9.640	83	174615	21.082	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	198052	23.295	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	187076	43.256	ug/L	98
42) Toluene	10.384	91	571666	21.979	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	177583	21.496	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	106019	21.376	ug/L	96
46) Tetrachloroethene	10.859	164	961925	199.398	ug/L	97
48) 2-Hexanone	10.969	43	131814	41.320	ug/L	97
49) Dibromochloromethane	11.128	129	125363	21.370	ug/L	100
50) 1,2-Dibromoethane	11.231	107	103779	21.764	ug/L	100
51) Chlorobenzene	11.652	112	366447	20.991	ug/L	98
52) Ethylbenzene	11.731	91	634969	22.082	ug/L	99
53) m,p-Xylene	11.835	106	246307	21.811	ug/L	98
54) o-Xylene	12.164	106	239369	22.674	ug/L	99
55) Styrene	12.176	104	419985	22.506	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	139615	20.167	ug/L	97
59) Bromoform	12.347	173	73685	22.029	ug/L	97
60) Isopropylbenzene	12.463	105	638761	23.074	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	98958	20.995	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	540554	24.216	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	525405	24.232	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	280831	21.217	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	297359	21.279	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	266632	21.490	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	21866	18.465	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	178199	20.859	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	139841	21.057	ug/L	98
71) Naphthalene	15.359	128	331675	22.740	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	127535	20.319	ug/L	95

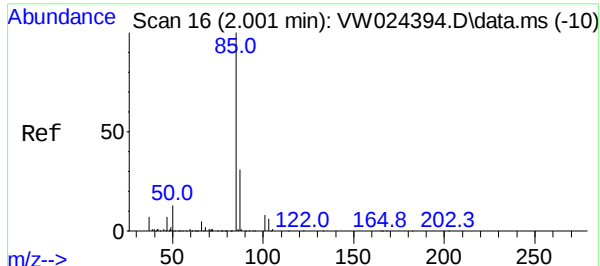
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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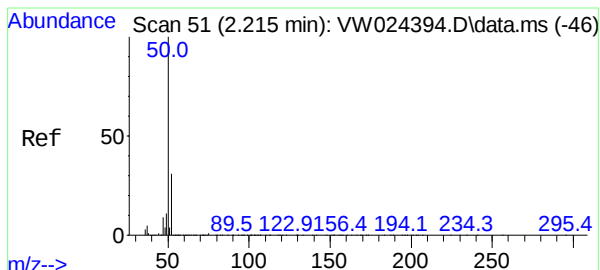
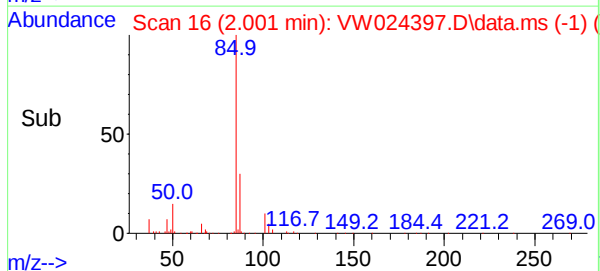
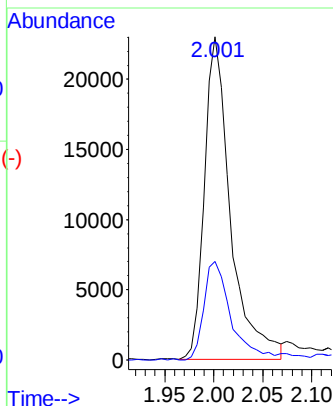
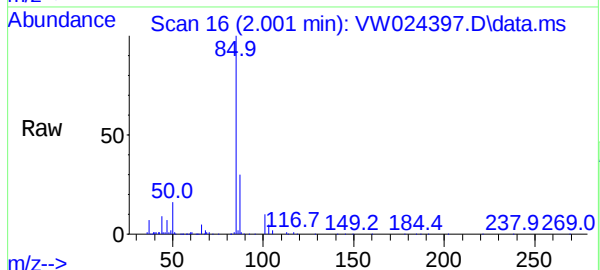




Dichlorodifluoromethane
 Concen: 11.735 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

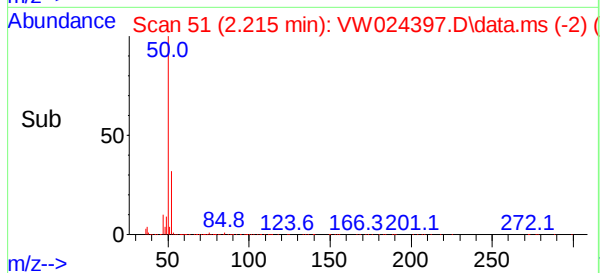
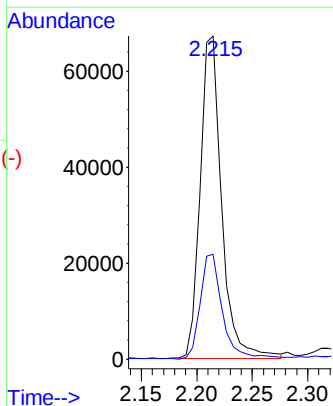
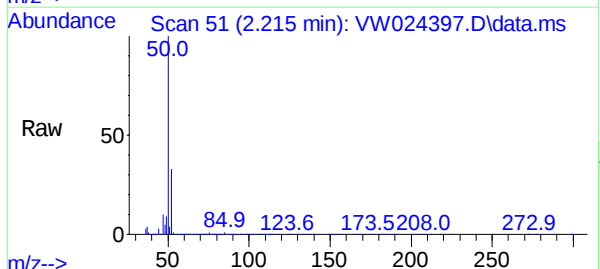
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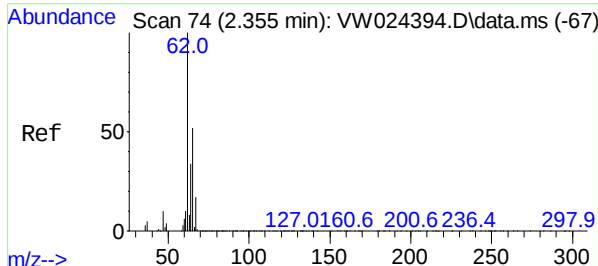
Tgt Ion: 85 Resp: 42516
 Ion Ratio Lower Upper
 85 100
 87 31.5 24.7 37.1



Chloromethane
 Concen: 13.324 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Tgt Ion: 50 Resp: 90190
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.3 41.5





Vinyl chloride

Concen: 15.800 ug/L

RT: 2.349 min Scan#

Delta R.T. -0.006 min

Lab File: VW024397.D

Acq: 27 Aug 2022 13:40

Instrument :

MSVOA_W

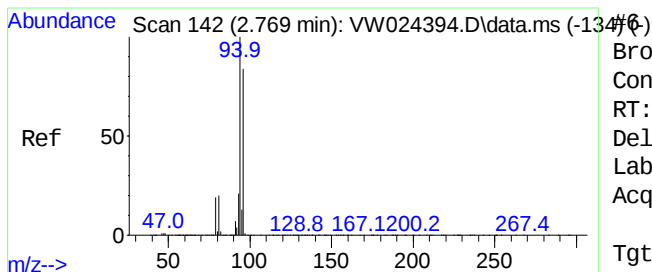
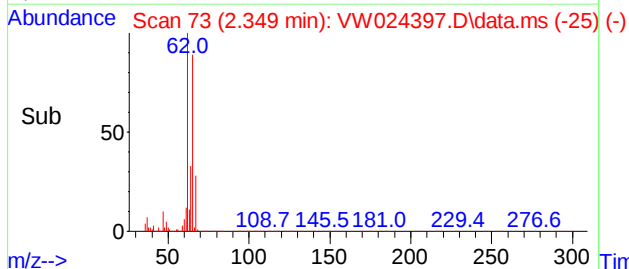
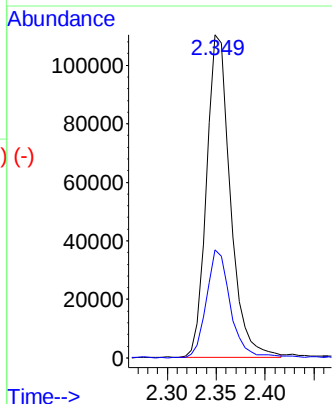
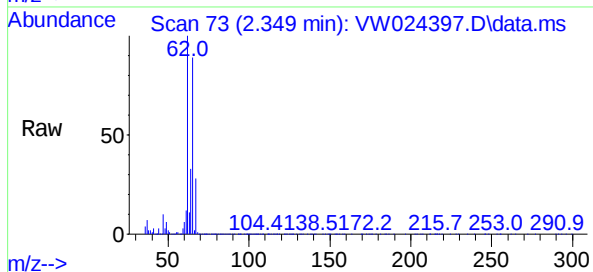
ClientSampleId :

Tgt Ion: 62 Resp: 186961

Ion Ratio Lower Upper

62 100

64 33.4 23.6 43.8



Bromomethane

Concen: 15.921 ug/L

RT: 2.763 min Scan# 141

Delta R.T. -0.006 min

Lab File: VW024397.D

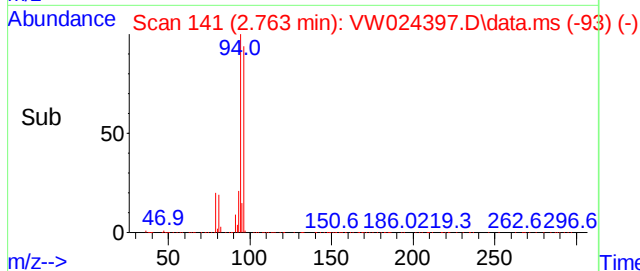
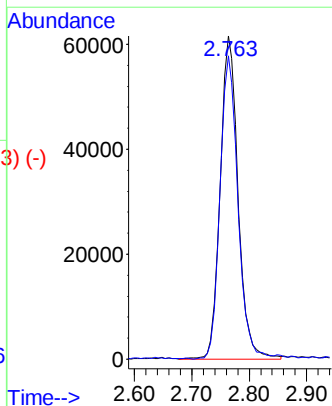
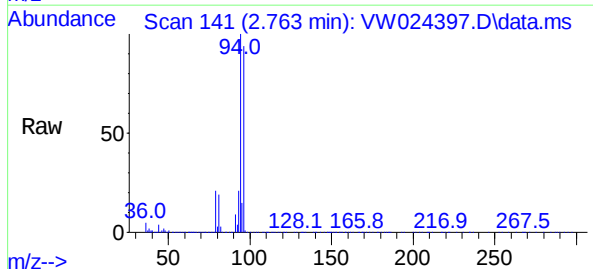
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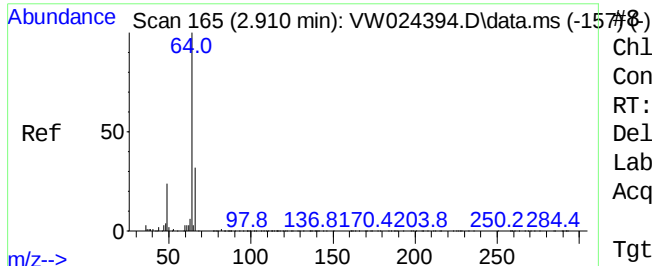
Tgt Ion: 94 Resp: 132237

Ion Ratio Lower Upper

94 100

96 93.8 63.6 118.0





Chloroethane

Concen: 16.920 ug/L

RT: 2.904 min Scan#

Delta R.T. -0.006 min

Lab File: VW024397.D

Acq: 27 Aug 2022 13:40

Instrument :

MSVOA_W

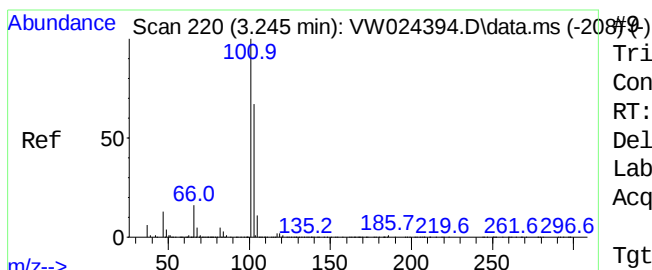
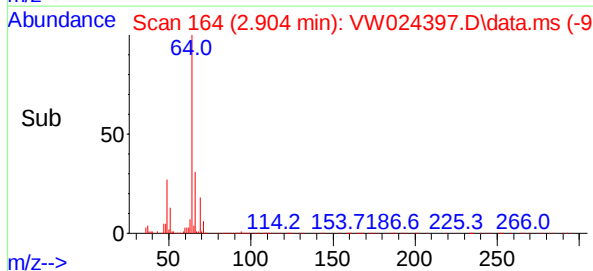
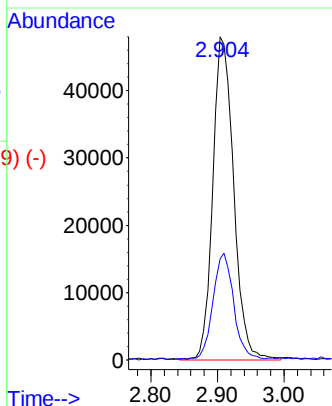
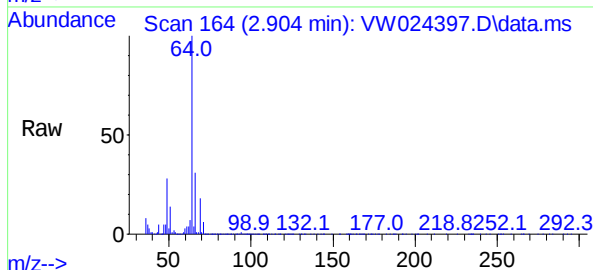
ClientSampleId :

Tgt Ion: 64 Resp: 104594

Ion Ratio Lower Upper

64 100

66 31.2 23.0 42.6



Trichlorofluoromethane

Concen: 15.297 ug/L

RT: 3.245 min Scan# 220

Delta R.T. 0.000 min

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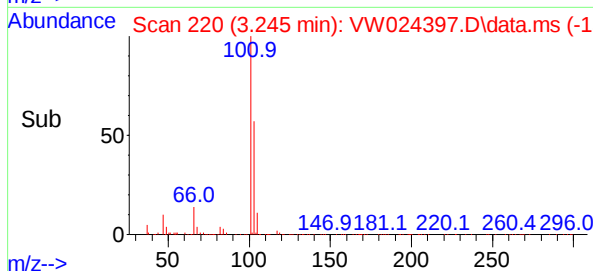
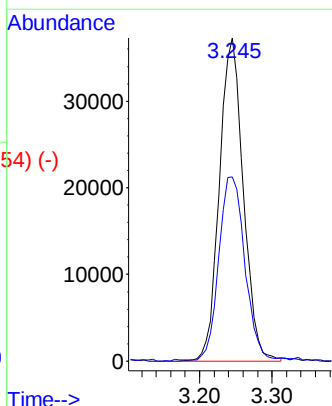
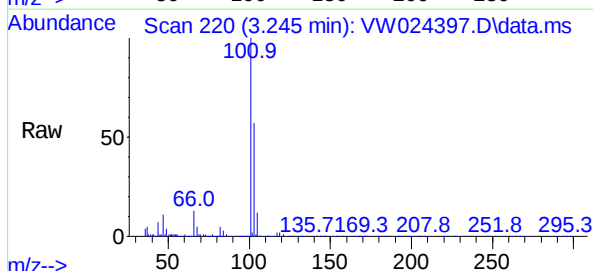
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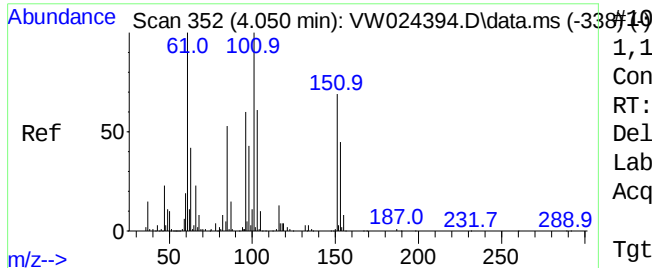
Tgt Ion: 101 Resp: 85122

Ion Ratio Lower Upper

101 100

103 62.0 50.4 75.6

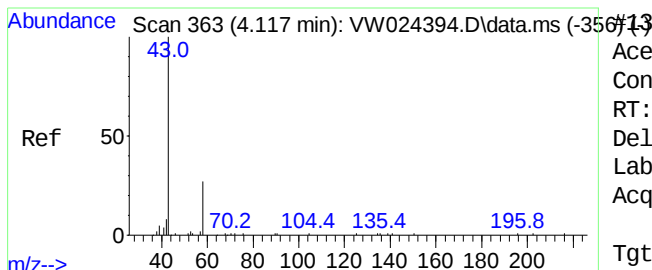
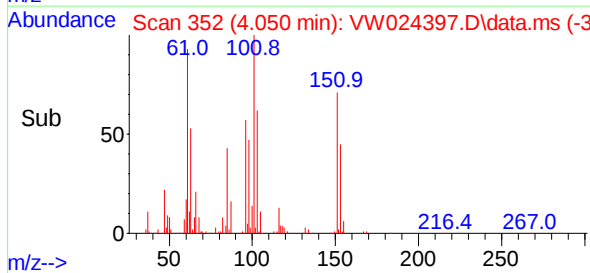
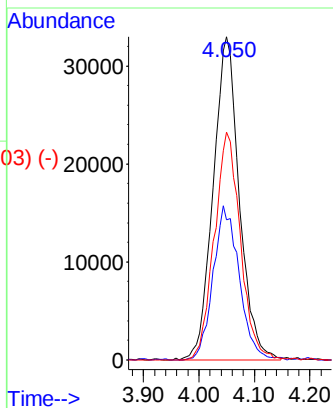
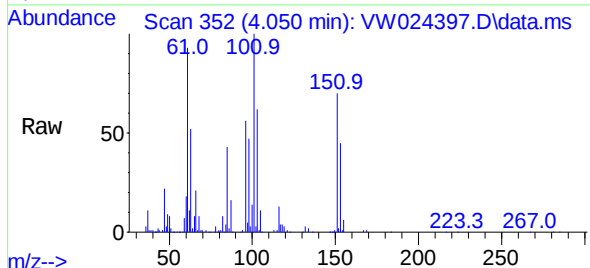




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.195 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
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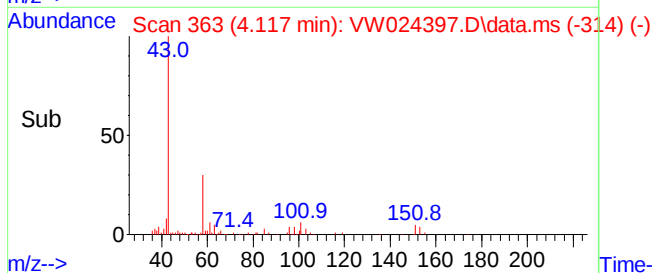
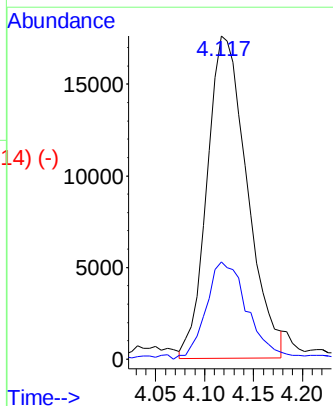
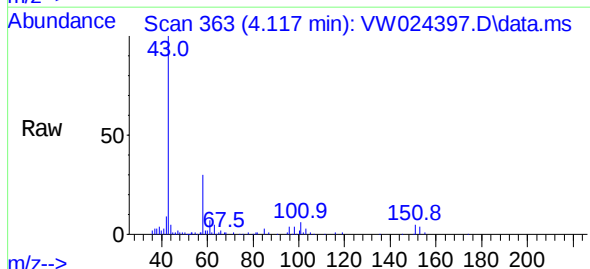
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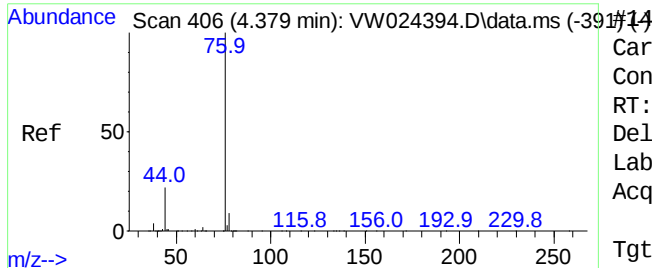
Tgt Ion:	101	Resp:	107786
Ion	Ratio	Lower	Upper
101	100		
85	47.3	39.1	58.7
151	70.1	56.8	85.2



Acetone
 Concen: 45.751 ug/L
 RT: 4.117 min Scan# 363
 Delta R.T. 0.000 min
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Tgt Ion:	43	Resp:	50146
Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	58.4





Carbon disulfide

Concen: 20.513 ug/L

RT: 4.373 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW024397.D

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Instrument :

MSVOA_W

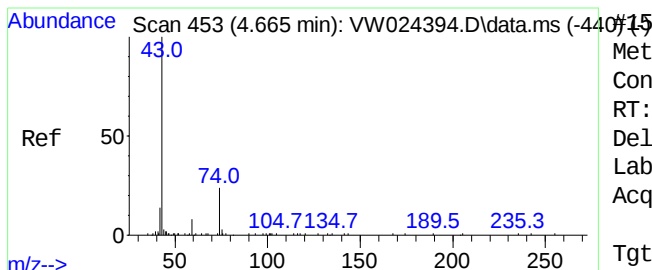
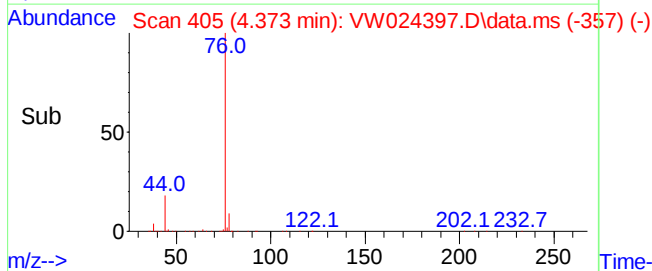
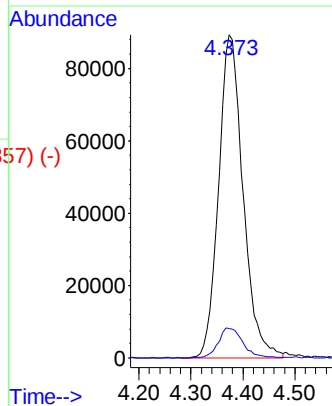
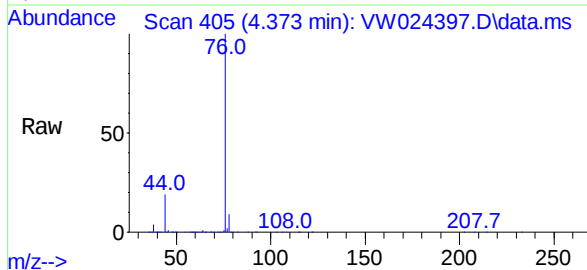
ClientSampleId :

Tgt Ion: 76 Resp: 294574

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Methyl Acetate

Concen: 20.364 ug/L

RT: 4.665 min Scan# 453

Delta R.T. 0.000 min

Lab File: VW024397.D

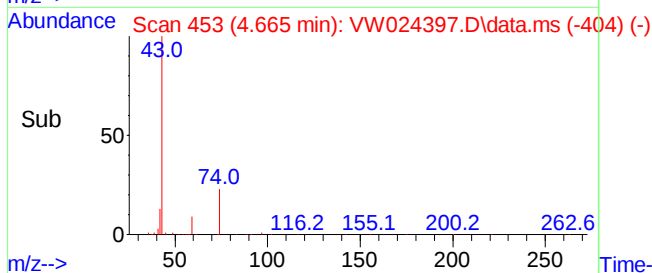
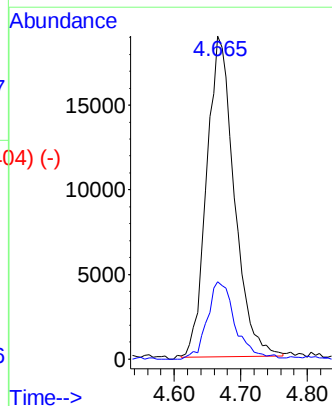
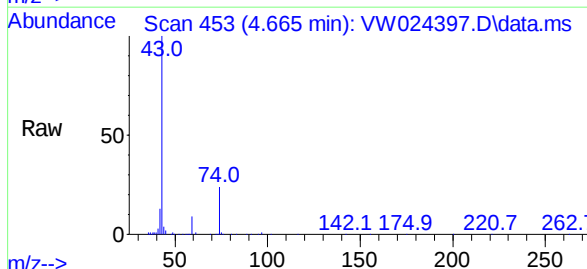
Acq: 27 Aug 2022 13:40

Tgt Ion: 43 Resp: 54604

Ion Ratio Lower Upper

43 100

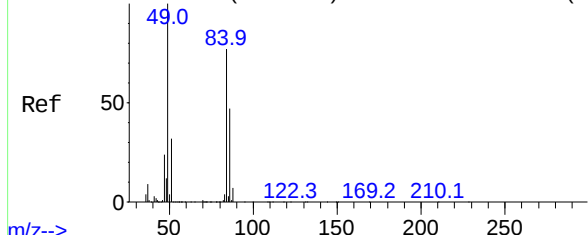
74 23.3 17.9 26.9



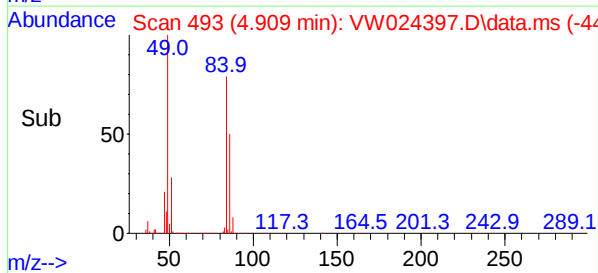
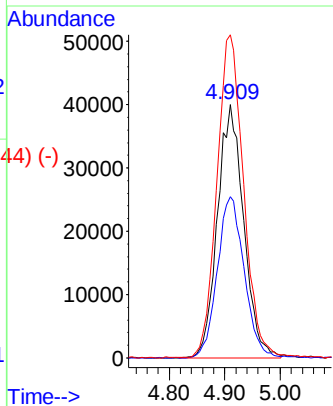
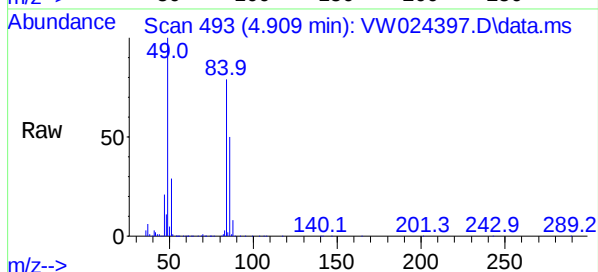
Abundance Scan 493 (4.909 min): VW024394.D\data.ms (-481) #16

Methylene chloride
Concen: 21.625 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

Instrument :
MSVOA_W
ClientSampleId :



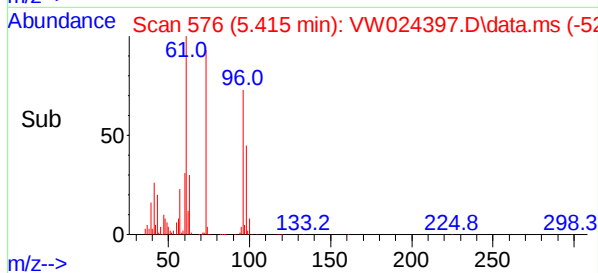
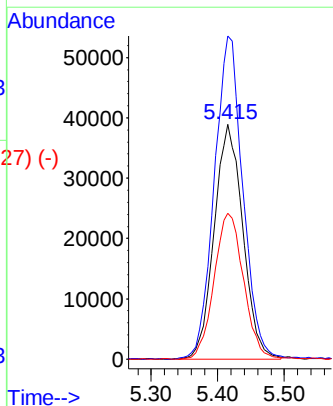
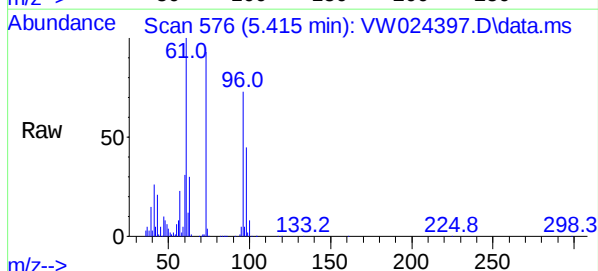
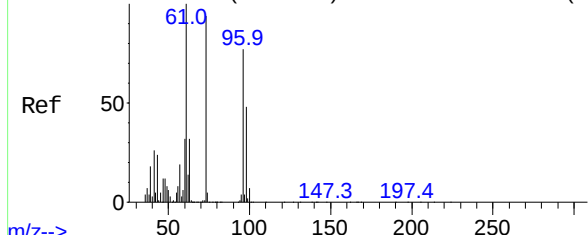
Tgt Ion:	84	Resp:	131193
Ion	Ratio	Lower	Upper
84	100		
86	63.7	47.7	88.7
49	127.4	96.6	179.4

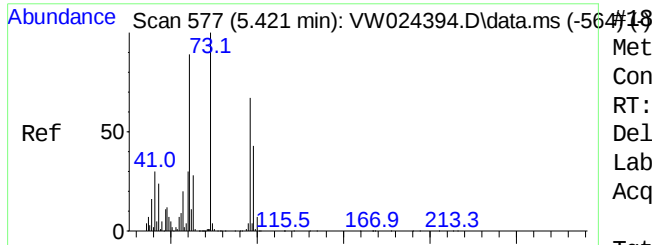


Abundance Scan 576 (5.415 min): VW024394.D\data.ms (-563) #17

trans-1,2-Dichloroethene
Concen: 22.760 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

Tgt Ion:	96	Resp:	116404
Ion	Ratio	Lower	Upper
96	100		
61	137.6	92.1	171.1
98	62.2	44.7	83.1

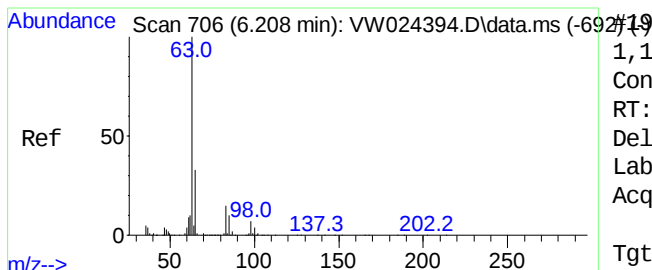
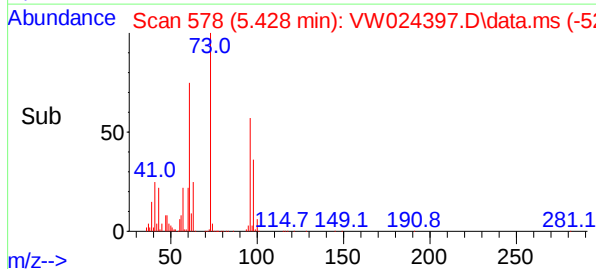
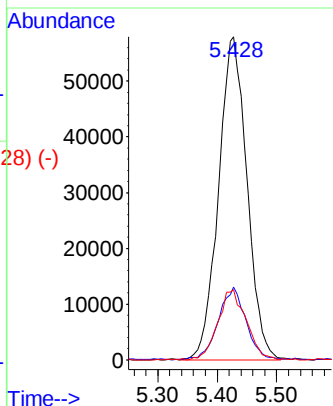
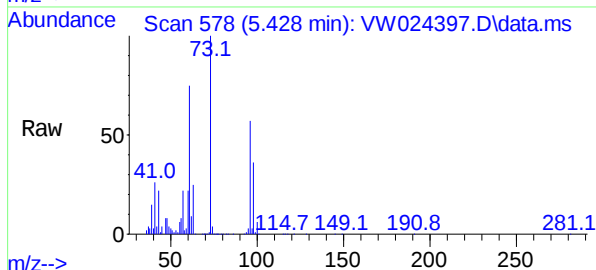




Methyl tert-butyl Ether
 Concen: 23.045 ug/L
 RT: 5.428 min Scan# 18
 Delta R.T. 0.006 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

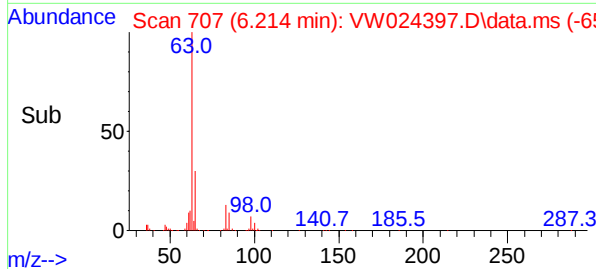
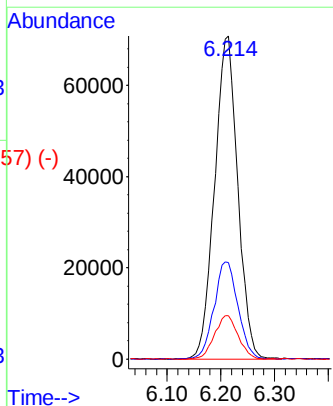
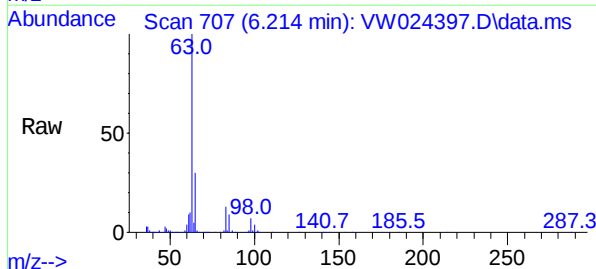
Instrument :
 MSVOA_W
 ClientSampleId :

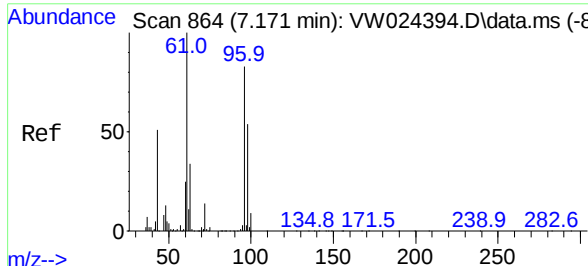
Tgt Ion:	73	Resp:	192987
Ion	Ratio	Lower	Upper
73	100		
43	21.1	18.8	28.2
57	21.7	18.1	27.1



1,1-Dichloroethane
 Concen: 21.978 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. 0.006 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Tgt Ion:	63	Resp:	212555
Ion	Ratio	Lower	Upper
63	100		
65	29.8	23.6	43.8
83	13.4	10.4	19.4





2-Butanone

Concen: 42.726 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024397.D

Acq: 27 Aug 2022 13:40

Instrument :

MSVOA_W

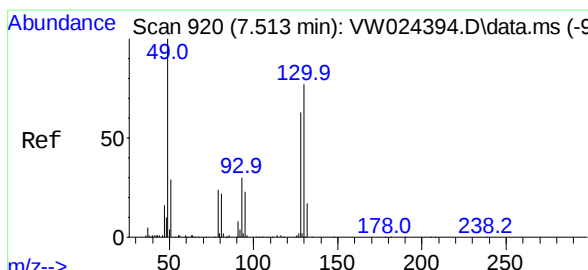
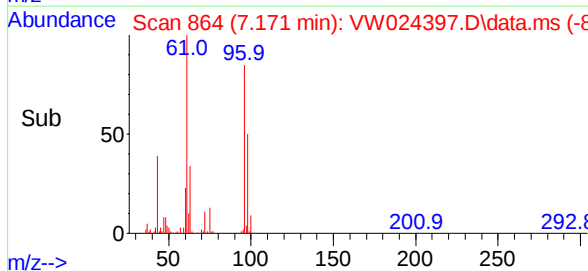
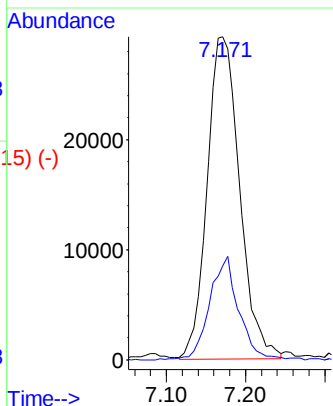
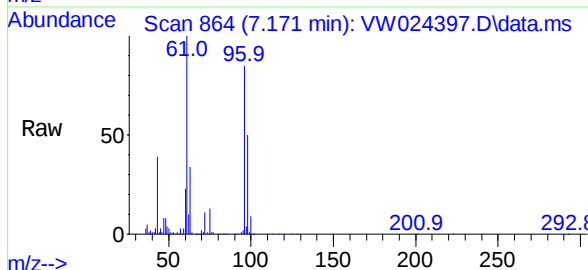
ClientSampleId :

Tgt Ion: 43 Resp: 83554

Ion Ratio Lower Upper

43 100

72 27.9 13.9 41.6



Bromochloromethane

Concen: 21.953 ug/L

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW024397.D

Acq: 27 Aug 2022 13:40

Tgt Ion:128 Resp: 60288

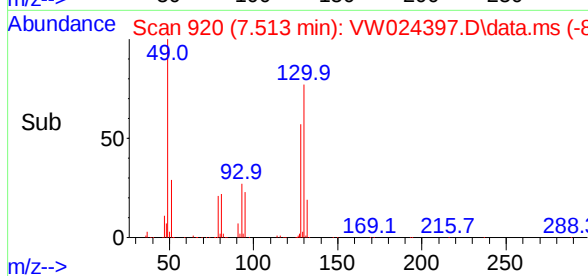
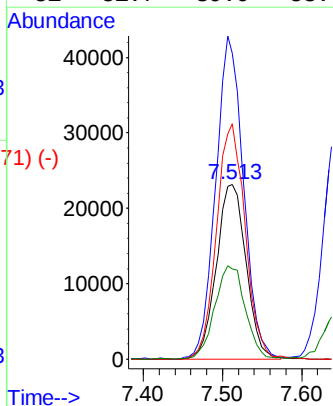
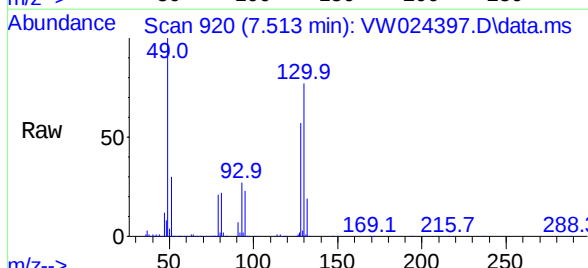
Ion Ratio Lower Upper

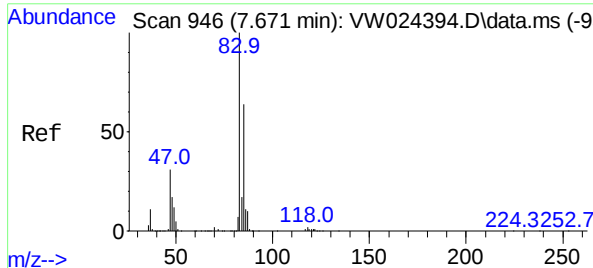
128 100

49 174.8 122.1 226.7

130 134.5 91.1 169.1

51 51.7 39.0 58.4





Chloroform

Concen: 21.701 ug/L

RT: 7.671 min Scan# 946

Delta R.T. 0.000 min

Lab File: VW024397.D

Acq: 27 Aug 2022 13:40

Instrument :

MSVOA_W

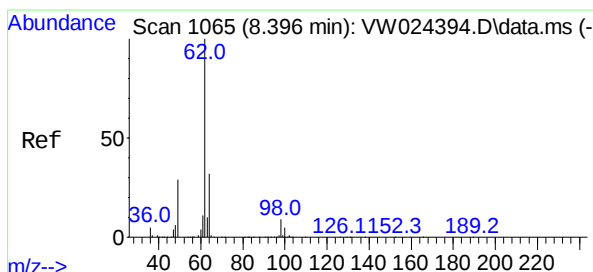
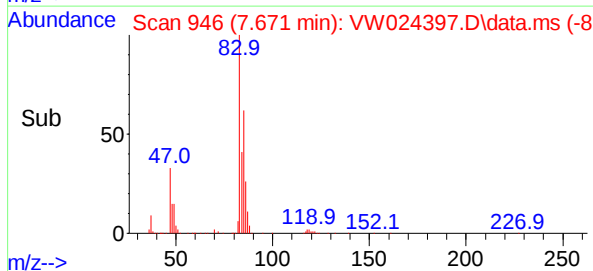
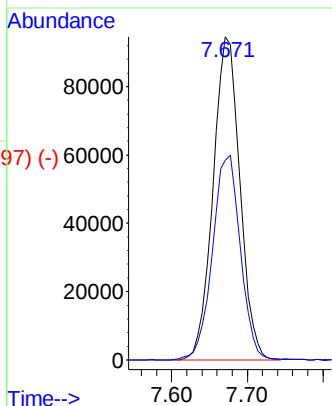
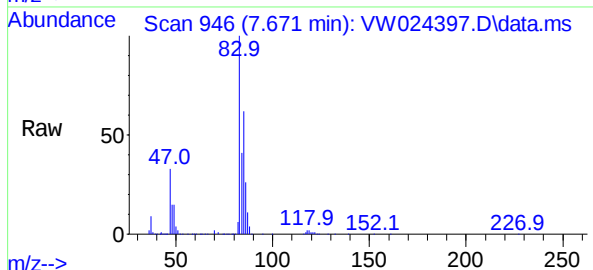
ClientSampleId :

Tgt Ion: 83 Resp: 232851

Ion Ratio Lower Upper

83 100

85 61.7 47.5 88.1



1,2-Dichloroethane

Concen: 21.063 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024397.D

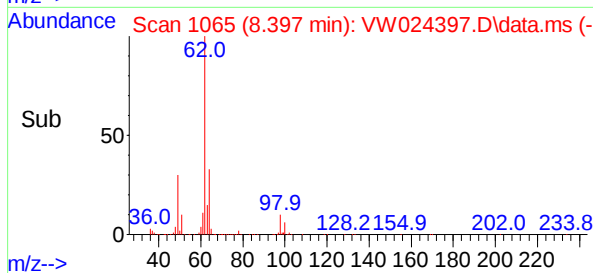
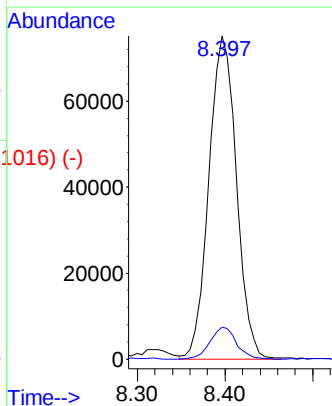
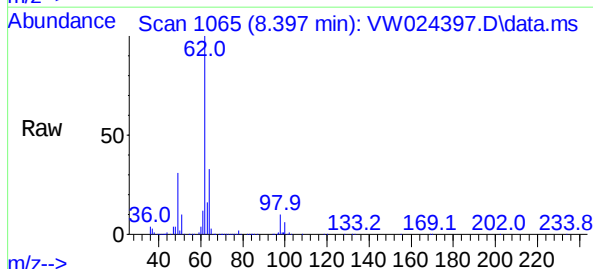
Acq: 27 Aug 2022 13:40

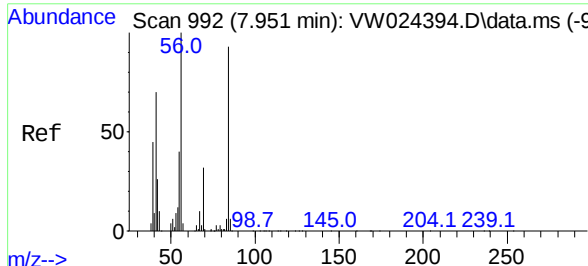
Tgt Ion: 62 Resp: 164515

Ion Ratio Lower Upper

62 100

98 9.9 6.7 10.1

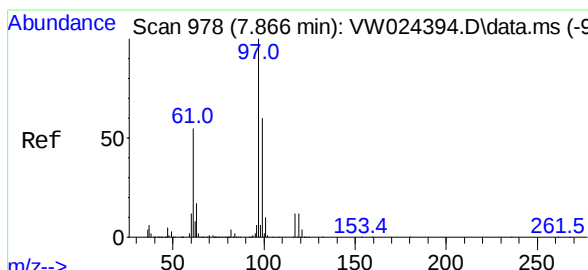
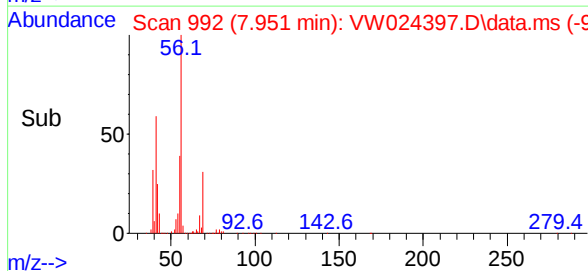
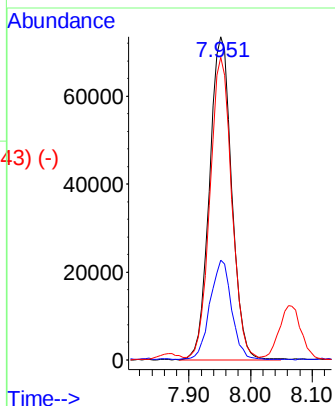
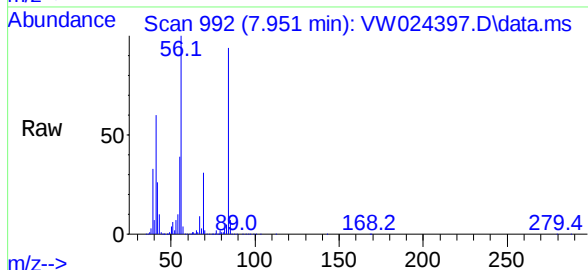




Cyclohexane
 Concen: 22.420 ug/L
 RT: 7.951 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

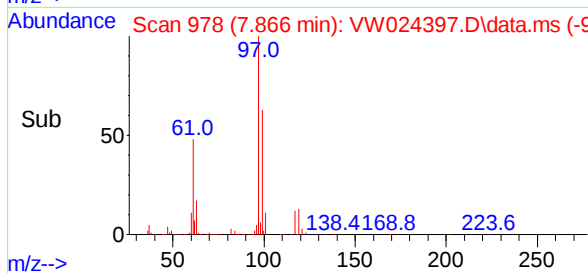
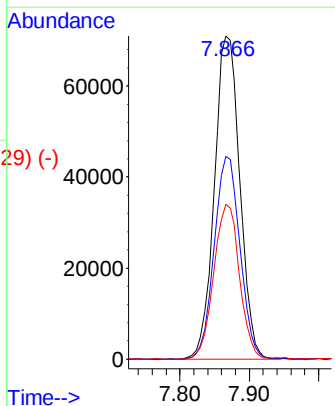
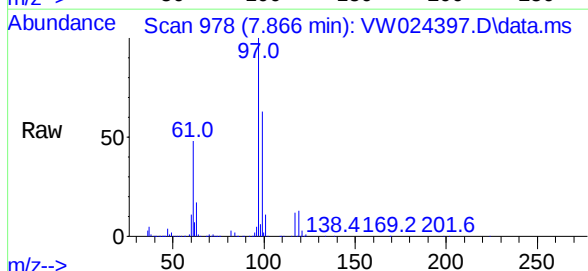
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	56	Resp:	182964
Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.5	35.3
84	92.0	72.2	108.4

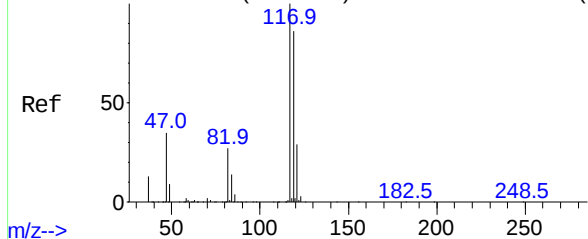


1,1,1-Trichloroethane
 Concen: 20.243 ug/L
 RT: 7.866 min Scan# 978
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Tgt Ion:	97	Resp:	180657
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.2	75.2
61	48.4	40.2	60.4



Abundance Scan 1010 (8.061 min): VW024394.D\data.ms (-9961)

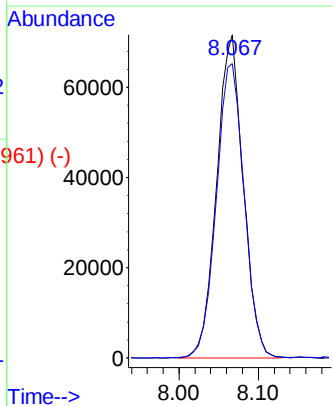
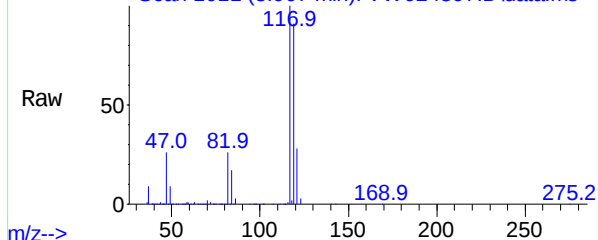


Carbon tetrachloride
Concen: 20.482 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

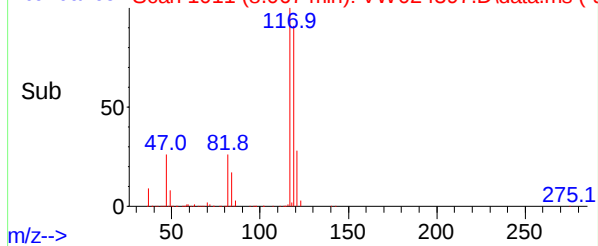
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 167228
Ion Ratio Lower Upper
117 100
119 95.5 75.9 113.9

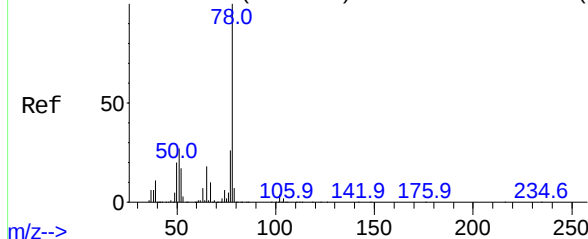
Abundance Scan 1011 (8.067 min): VW024397.D\data.ms



Abundance Scan 1011 (8.067 min): VW024397.D\data.ms (-961) (-)



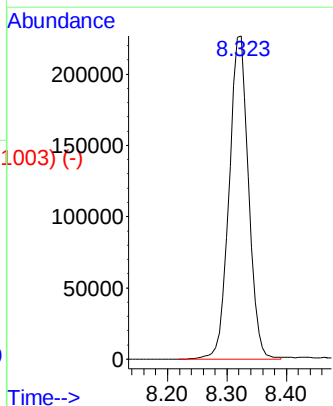
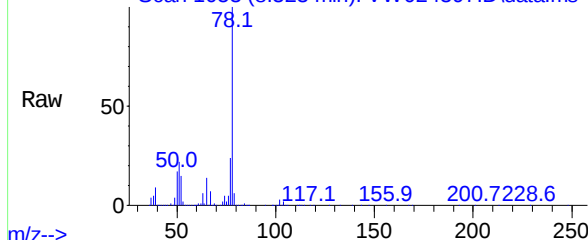
Abundance Scan 1052 (8.317 min): VW024394.D\data.ms (-1033) (-)



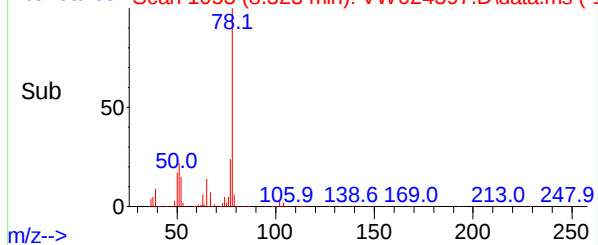
Benzene
Concen: 21.919 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

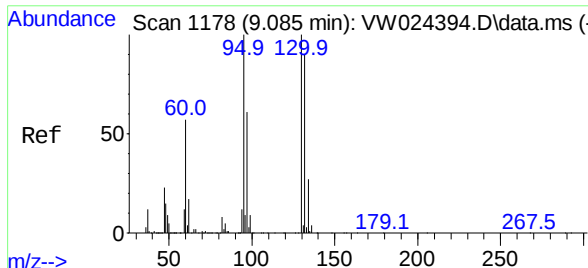
Tgt Ion: 78 Resp: 516578

Abundance Scan 1053 (8.323 min): VW024397.D\data.ms



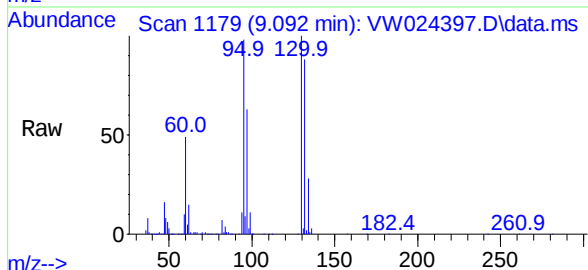
Abundance Scan 1053 (8.323 min): VW024397.D\data.ms (-1003) (-)



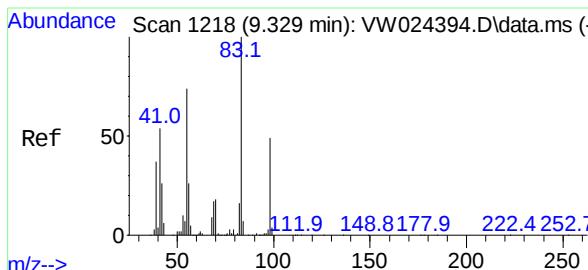
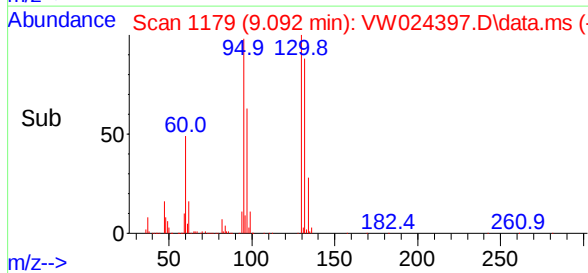
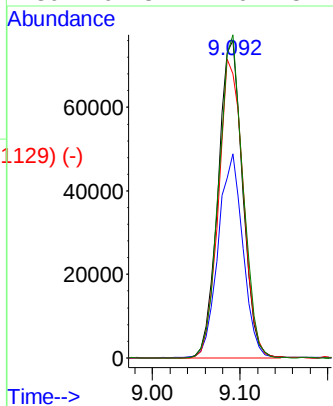


Trichloroethene
Concen: 23.721 ug/L
RT: 9.092 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

Instrument :
MSVOA_W
ClientSampleId :

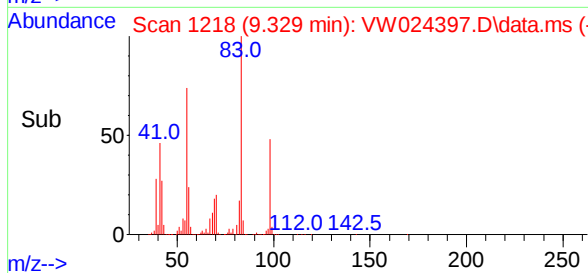
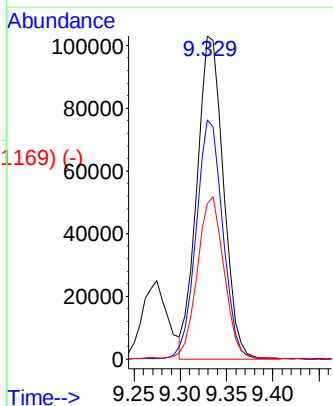
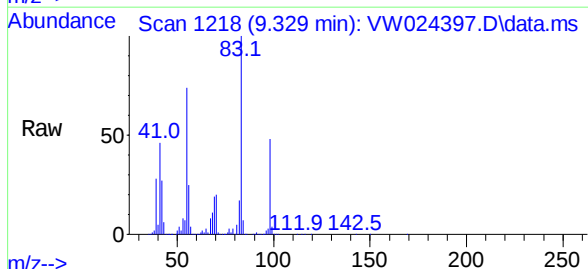


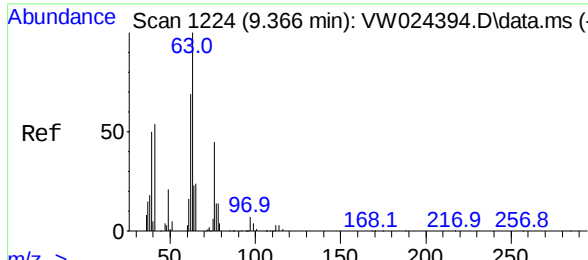
Tgt Ion:	95	Resp:	147345
Ion	Ratio	Lower	Upper
95	100		
97	64.4	48.4	89.8
132	89.6	68.6	127.4
130	101.8	72.6	134.8



Methylcyclohexane
Concen: 20.641 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

Tgt Ion:	83	Resp:	205706
Ion	Ratio	Lower	Upper
83	100		
55	74.3	60.1	90.1
98	50.8	40.5	60.7

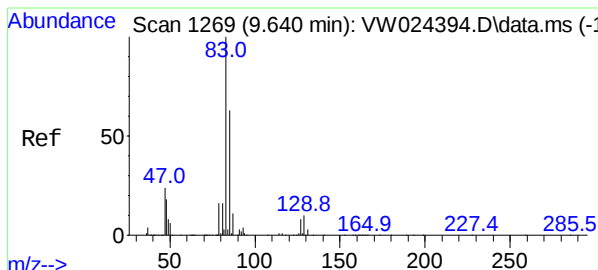
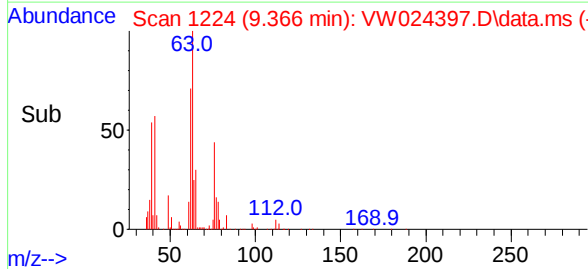
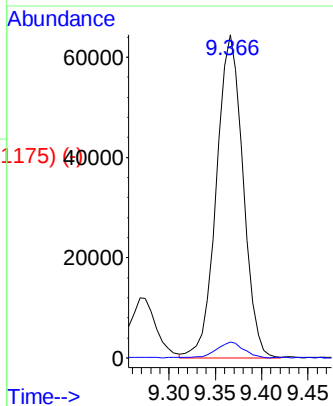
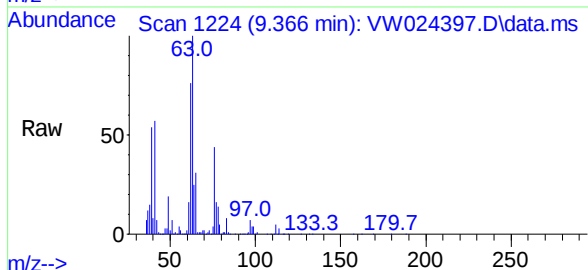




1,2-Dichloropropane
 Concen: 21.201 ug/L
 RT: 9.366 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

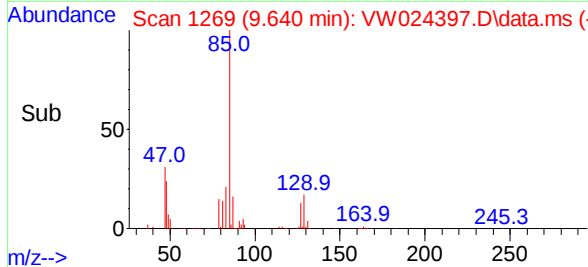
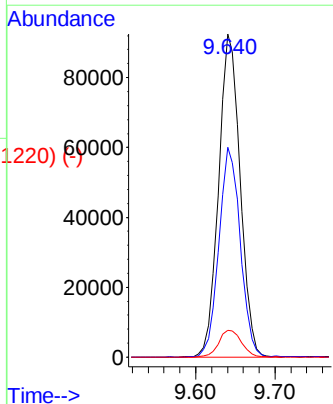
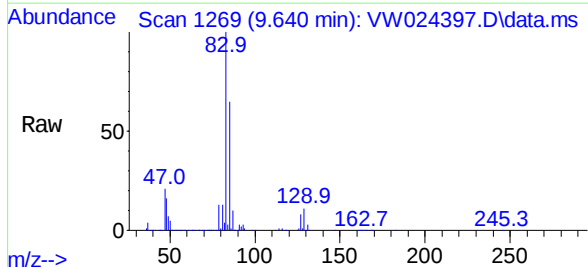
Instrument :
 MSVOA_W
 ClientSampleId :

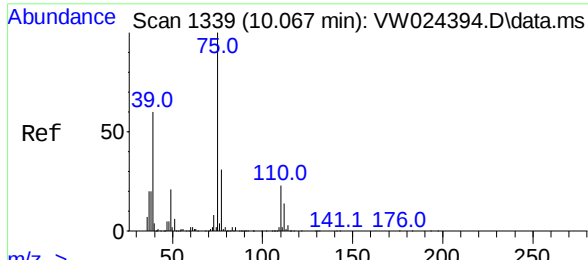
Tgt Ion: 63 Resp: 128944
 Ion Ratio Lower Upper
 63 100
 112 5.0 3.4 5.0



Bromodichloromethane
 Concen: 21.082 ug/L
 RT: 9.640 min Scan# 1269
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Tgt Ion: 83 Resp: 174615
 Ion Ratio Lower Upper
 83 100
 85 64.9 46.3 85.9
 127 8.3 6.7 10.1

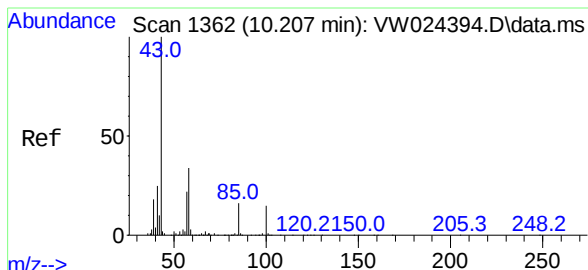
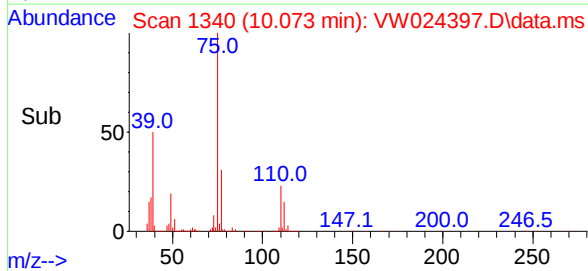
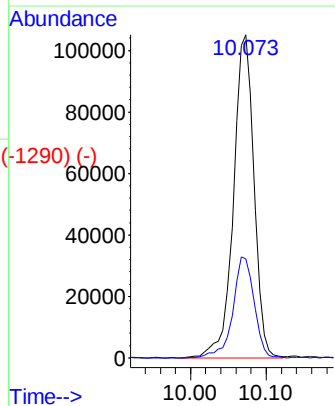
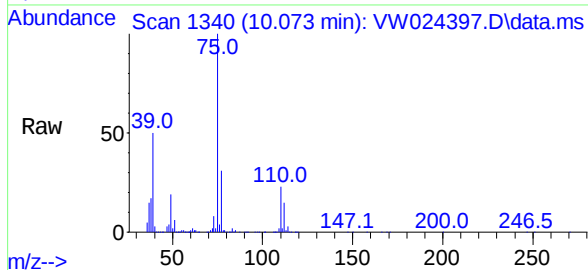




Scan 1339 (10.067 min): VW024394.D\data.ms (-1290) (-)
 cis-1,3-Dichloropropene
 Concen: 23.295 ug/L
 RT: 10.073 min Scan# 1339
 Delta R.T. 0.006 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

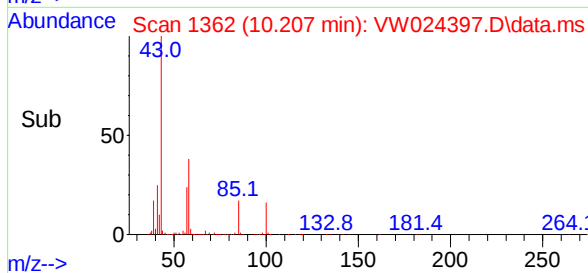
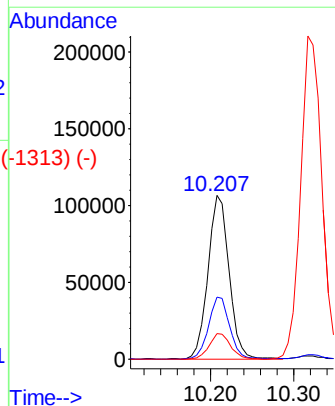
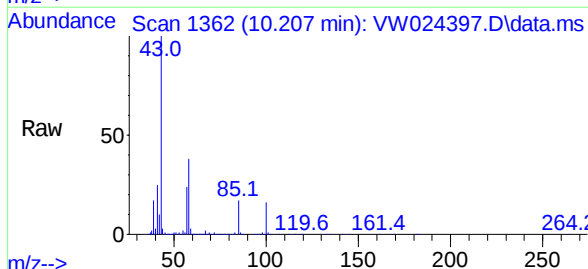
Instrument :
 MSVOA_W
 ClientSampleId :

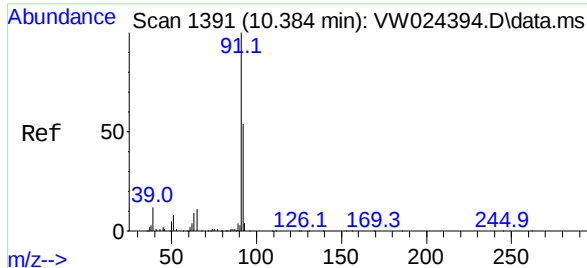
Tgt Ion: 75 Resp: 198052
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.8 40.6



Scan 1362 (10.207 min): VW024394.D\data.ms (-1246) (-)
 4-Methyl-2-pentanone
 Concen: 43.256 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Tgt Ion: 43 Resp: 187076
 Ion Ratio Lower Upper
 43 100
 58 37.9 29.4 44.2
 100 15.7 11.8 17.8

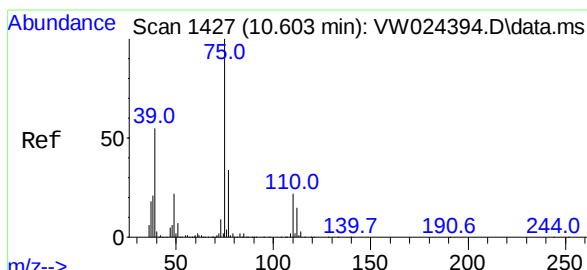
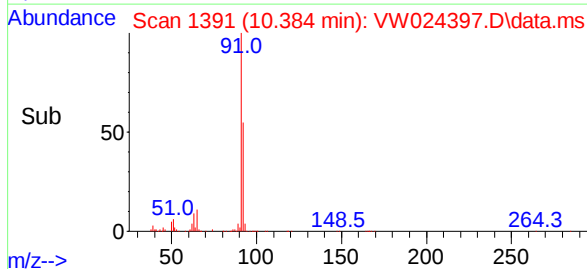
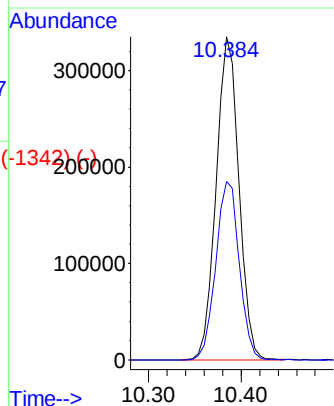
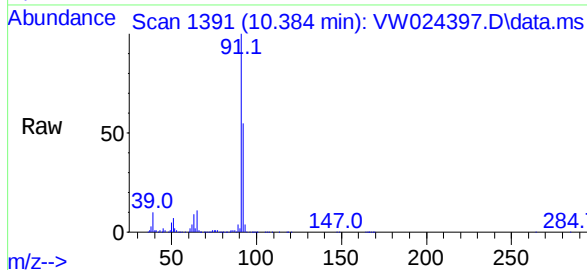




Toluene
Concen: 21.979 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

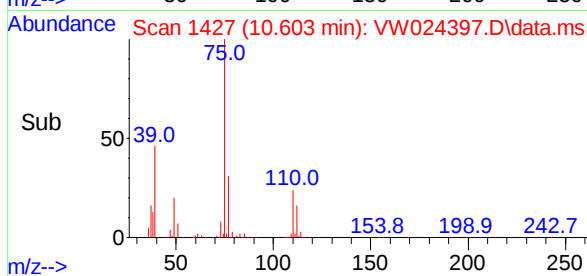
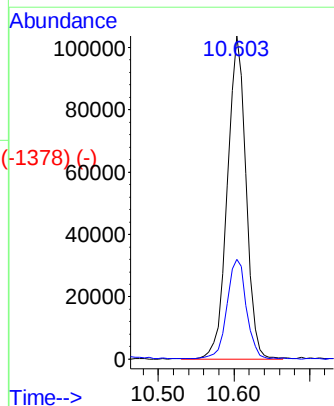
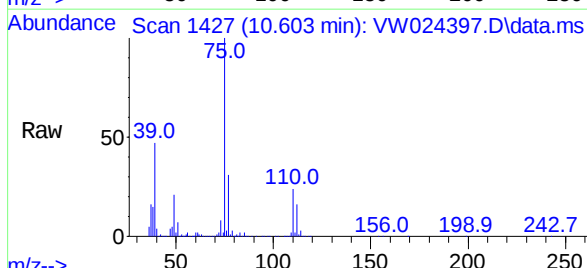
Instrument :
MSVOA_W
ClientSampleId :

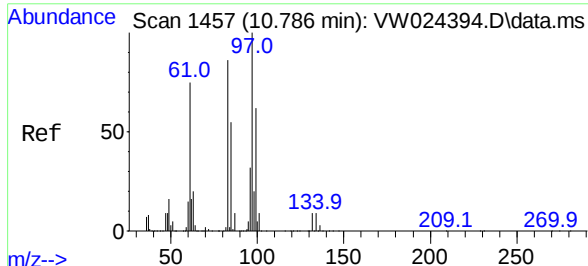
Tgt Ion: 91 Resp: 571666
Ion Ratio Lower Upper
91 100
92 55.3 40.0 74.4



trans-1,3-Dichloropropene
Concen: 21.496 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

Tgt Ion: 75 Resp: 177583
Ion Ratio Lower Upper
75 100
77 30.9 21.1 39.1



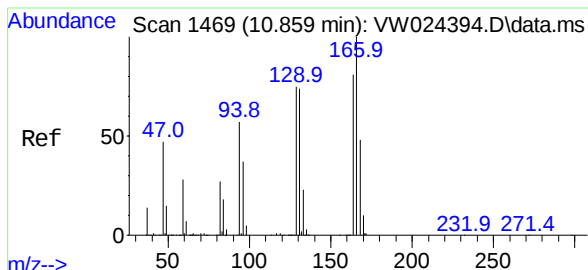
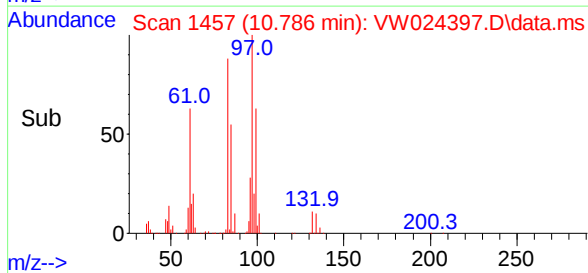
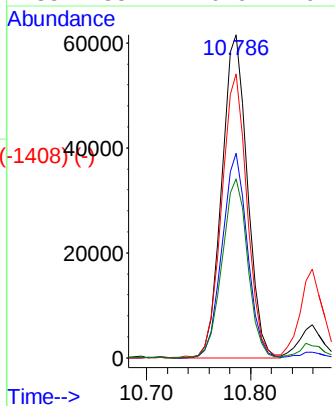
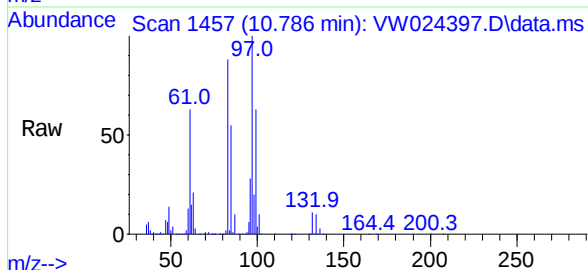


Scan 1457 (10.786 min): VW024394.D\data.ms (-1445) (-)
 1,1,2-Trichloroethane
 Concen: 21.376 ug/L
 RT: 10.786 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Instrument : MSVOA_W
 ClientSampleId :

Tgt Ion: 97 Resp: 106019

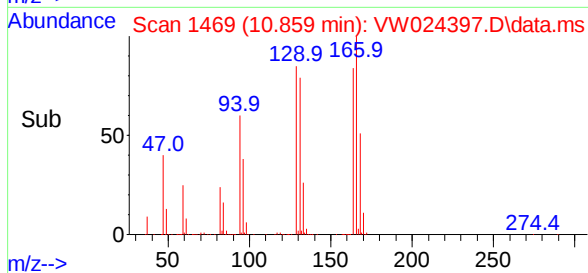
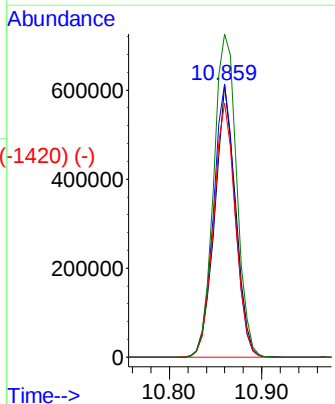
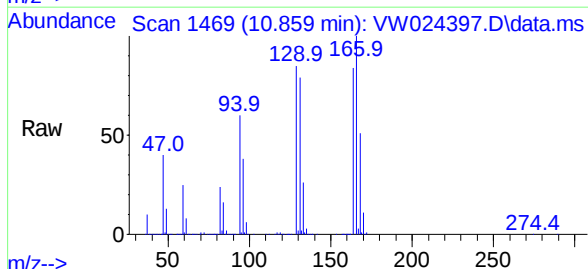
Ion	Ratio	Lower	Upper
97	100		
99	63.4	40.4	75.0
83	87.9	60.1	111.5
85	55.4	40.9	76.0

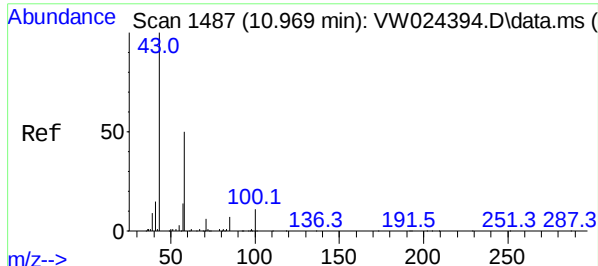


Scan 1469 (10.859 min): VW024394.D\data.ms (-1462) (-)
 Tetrachloroethene
 Concen: 199.398 ug/L
 RT: 10.859 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Tgt Ion: 164 Resp: 961925

Ion	Ratio	Lower	Upper
164	100		
129	100.5	72.9	135.3
131	93.5	63.7	118.3
166	118.8	86.2	160.0

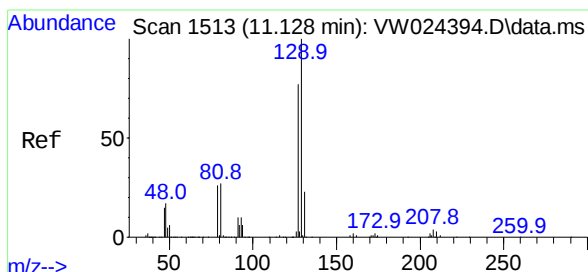
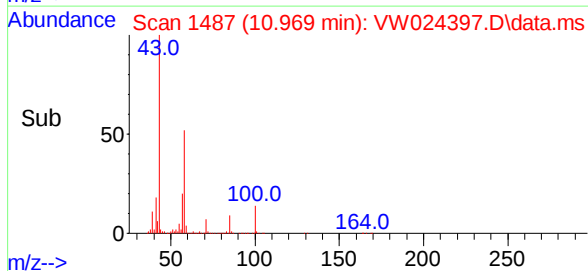
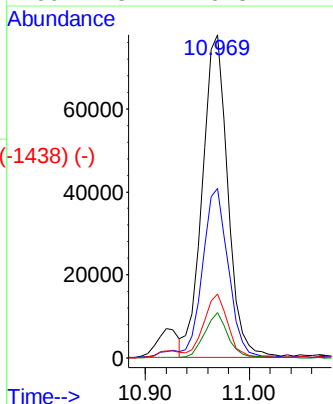
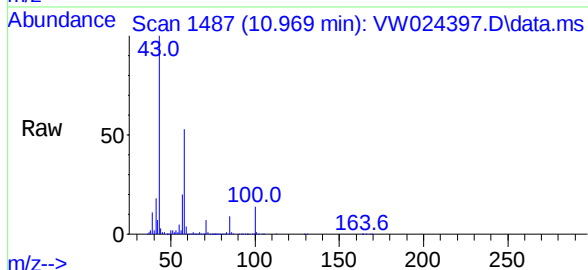




2-Hexanone
Concen: 41.320 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

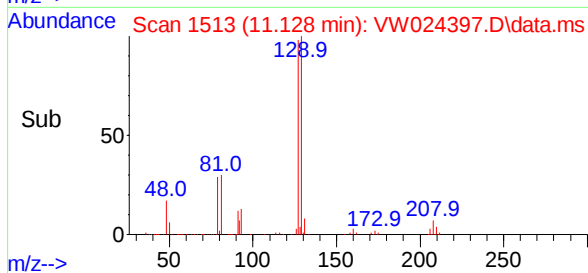
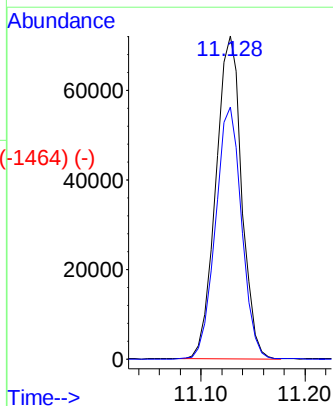
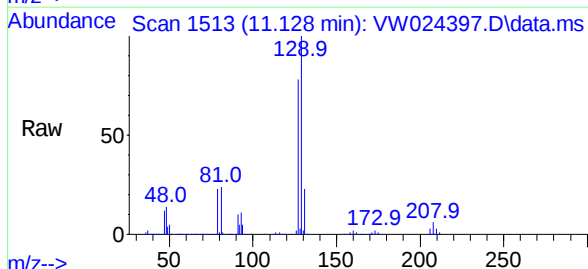
Instrument :
MSVOA_W
ClientSampleId :

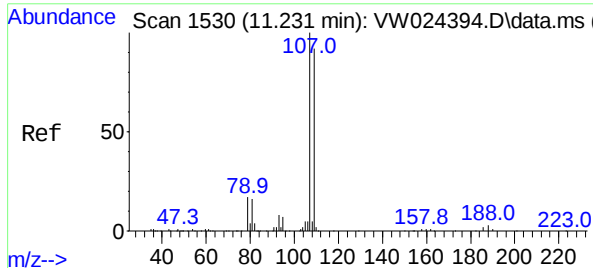
Tgt Ion:	43	Resp:	131814
Ion	Ratio	Lower	Upper
43	100		
58	52.9	40.6	61.0
57	18.6	14.2	21.2
100	13.1	9.8	14.6



Dibromochloromethane
Concen: 21.370 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

Tgt Ion:	129	Resp:	125363
Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.6	101.4





1,2-Dibromoethane

Concen: 21.764 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024397.D

Acq: 27 Aug 2022 13:40

Instrument :

MSVOA_W

ClientSampleId :

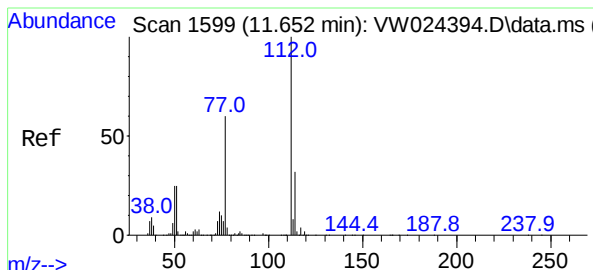
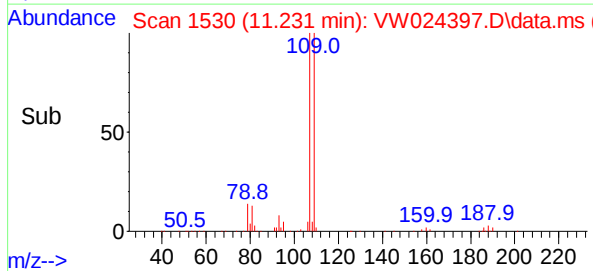
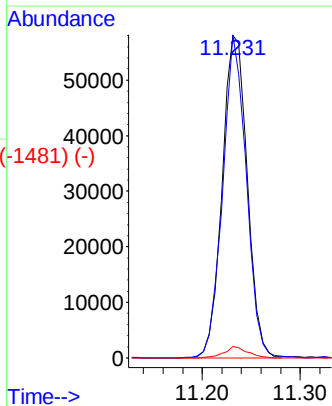
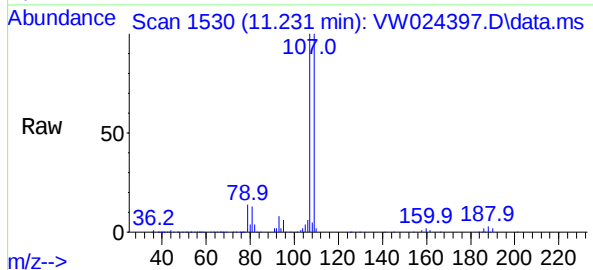
Tgt Ion:107 Resp: 103779

Ion Ratio Lower Upper

107 100

109 100.3 70.1 130.1

188 3.7 2.6 3.8



Chlorobenzene

Concen: 20.991 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024397.D

Acq: 27 Aug 2022 13:40

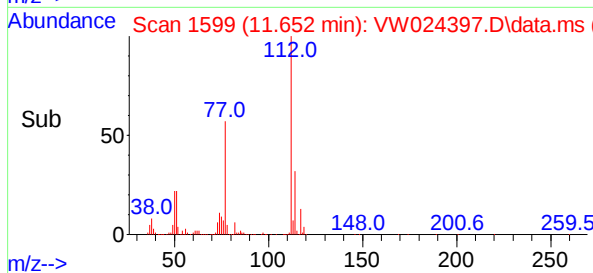
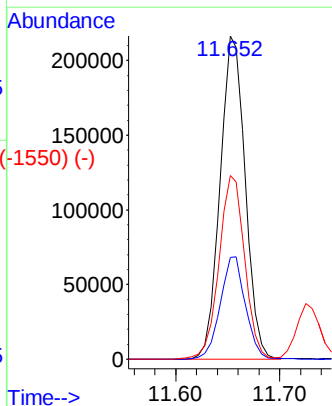
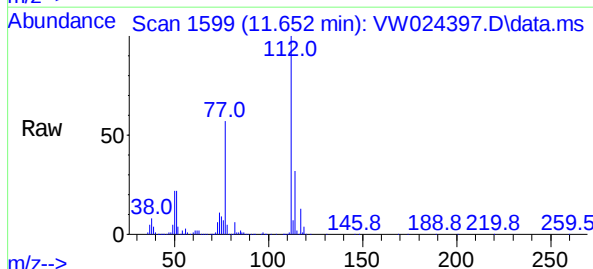
Tgt Ion:112 Resp: 366447

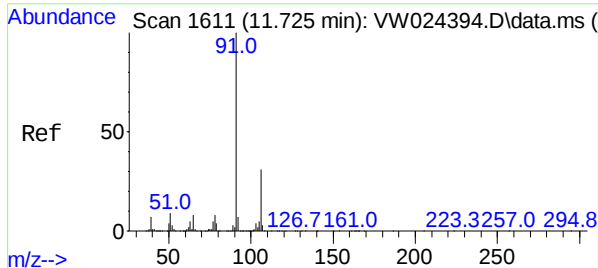
Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.3

77 56.9 44.1 66.1

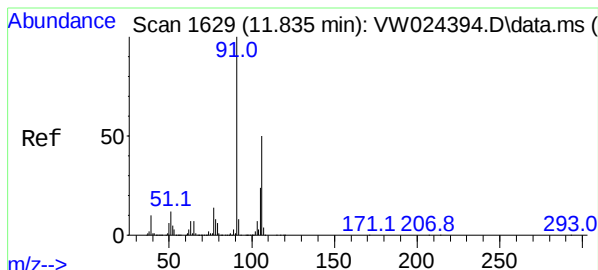
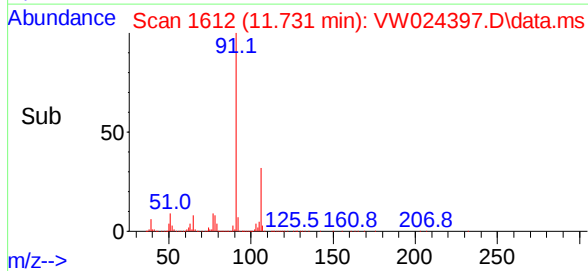
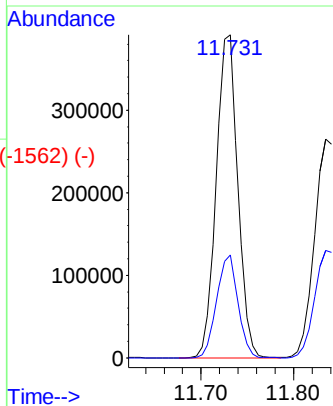
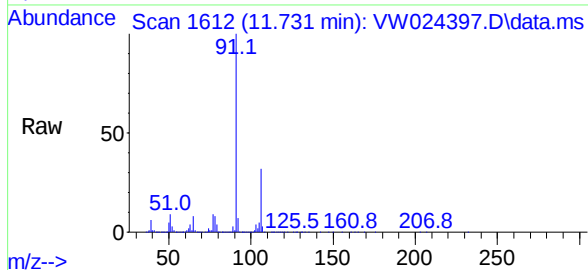




Ethylbenzene
Concen: 22.082 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

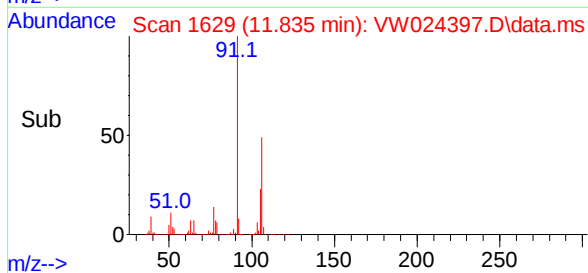
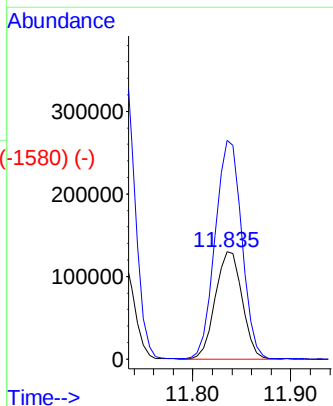
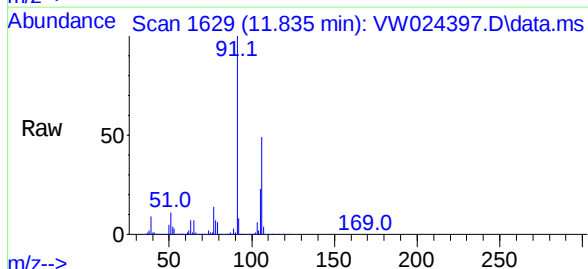
Instrument :
MSVOA_W
ClientSampleId :

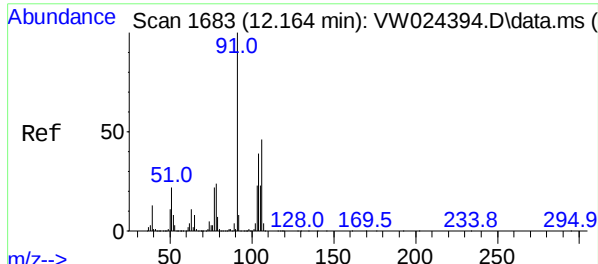
Tgt Ion: 91 Resp: 634969
Ion Ratio Lower Upper
91 100
106 31.8 22.7 42.3



m,p-Xylene
Concen: 21.811 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

Tgt Ion:106 Resp: 246307
Ion Ratio Lower Upper
106 100
91 203.5 144.3 267.9

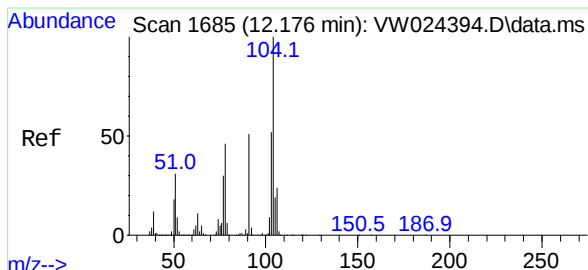
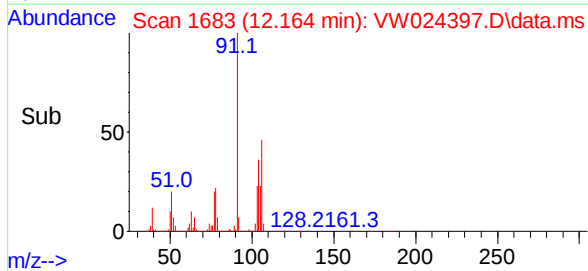
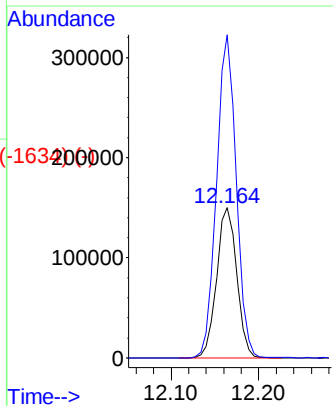
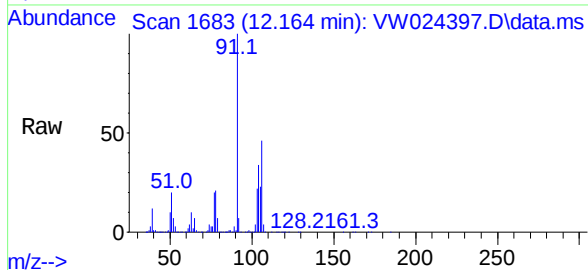




o-Xylene
Concen: 22.674 ug/L
RT: 12.164 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

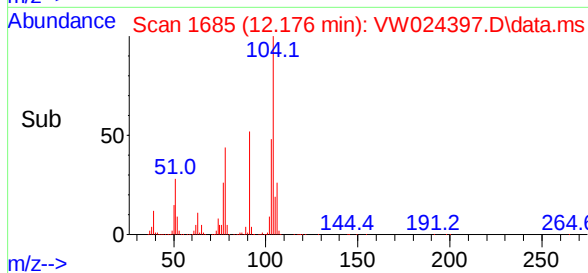
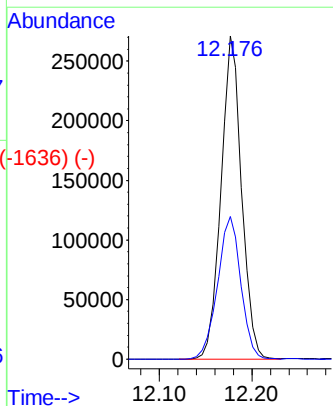
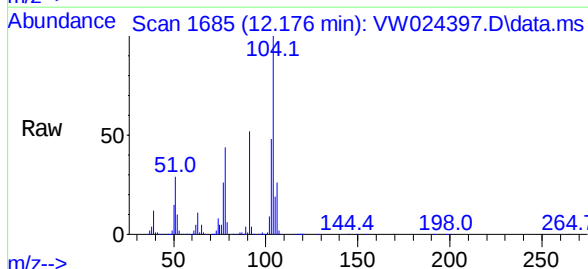
Instrument :
MSVOA_W
ClientSampleId :

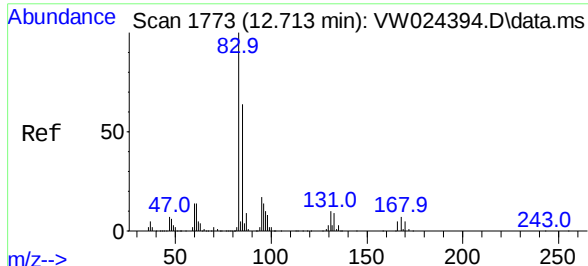
Tgt Ion:106 Resp: 239369
Ion Ratio Lower Upper
106 100
91 215.1 152.1 282.5



Styrene
Concen: 22.506 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

Tgt Ion:104 Resp: 419985
Ion Ratio Lower Upper
104 100
78 44.2 32.0 59.4

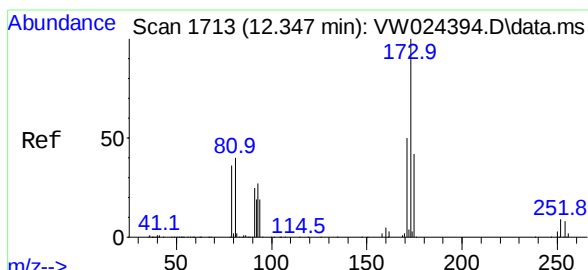
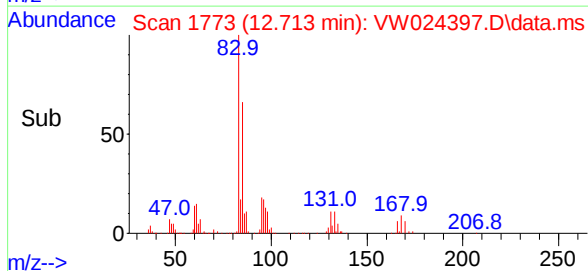
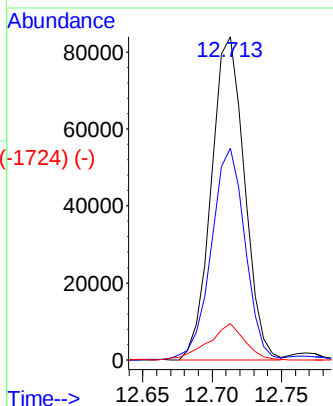
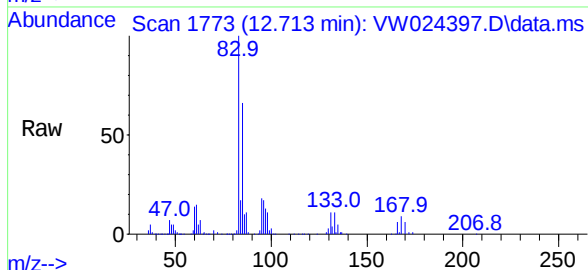




1,1,2,2-Tetrachloroethane
 Concen: 20.167 ug/L
 RT: 12.713 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

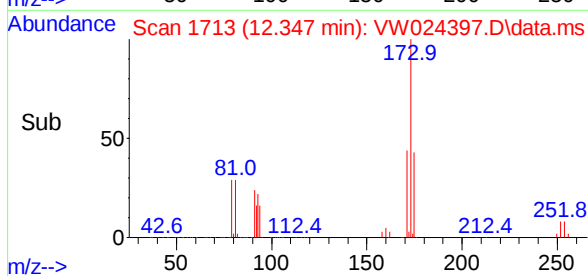
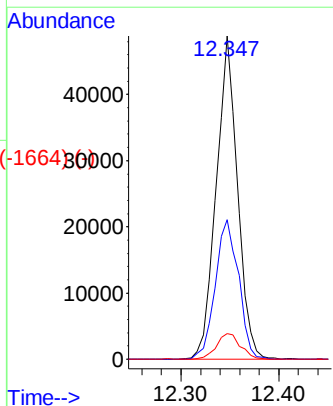
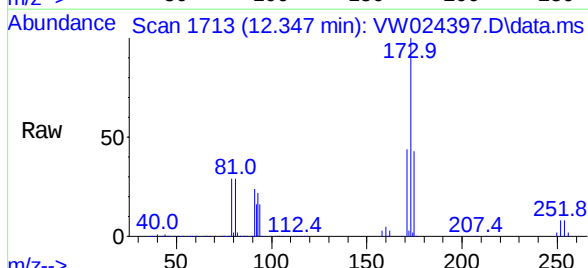
Instrument :
 MSVOA_W
 ClientSampleId :

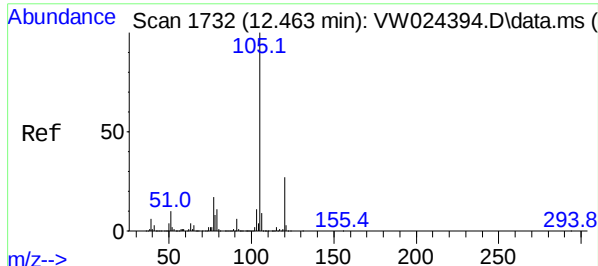
Tgt Ion:	83	Resp:	139615
Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.4	82.5
131	11.3	8.4	12.6



Bromoform
 Concen: 22.029 ug/L
 RT: 12.347 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Tgt Ion:	173	Resp:	73685
Ion	Ratio	Lower	Upper
173	100		
175	47.0	39.8	59.6
254	8.9	6.8	10.2





Isopropylbenzene

Concen: 23.074 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024397.D

Acq: 27 Aug 2022 13:40

Instrument :

MSVOA_W

ClientSampleId :

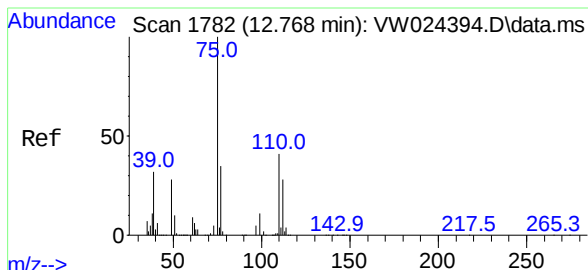
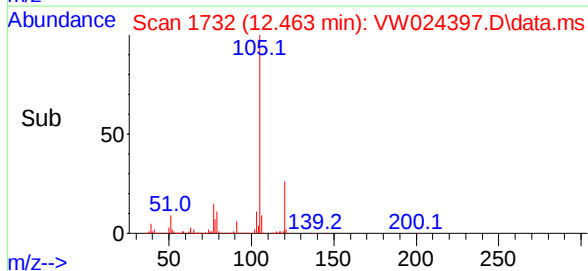
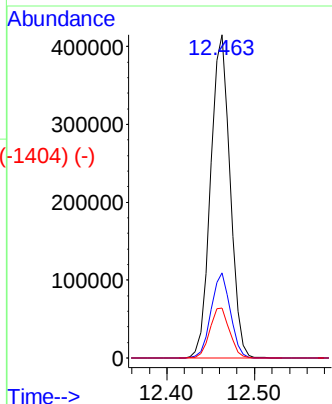
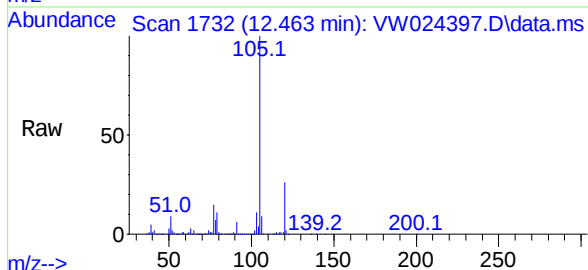
Tgt Ion:105 Resp: 638761

Ion Ratio Lower Upper

105 100

120 26.0 21.4 32.0

77 15.6 13.0 19.6



1,2,3-Trichloropropane

Concen: 20.995 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024397.D

Acq: 27 Aug 2022 13:40

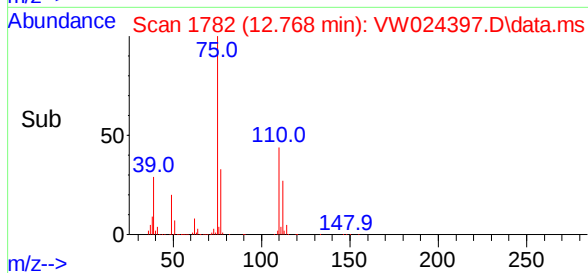
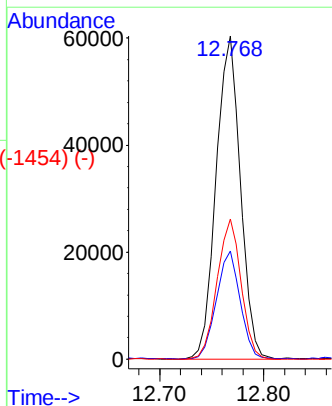
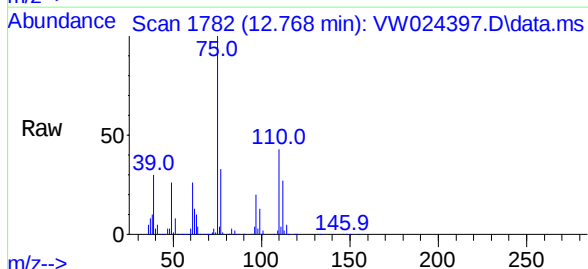
Tgt Ion: 75 Resp: 98958

Ion Ratio Lower Upper

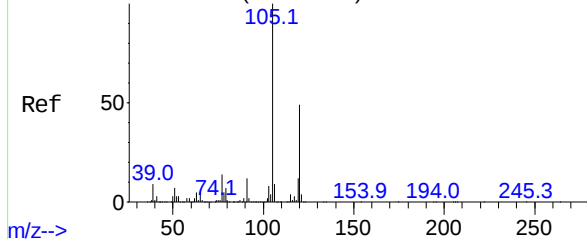
75 100

77 33.0 26.5 39.7

110 42.6 33.8 50.8



Abundance Scan 1810 (12.938 min): VW024394.D\data.ms (-1000) (-)

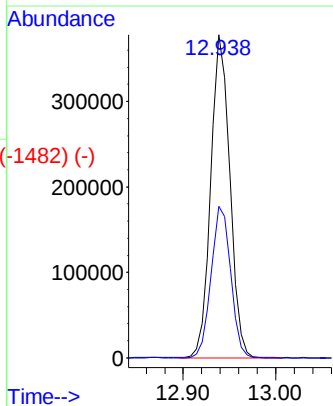
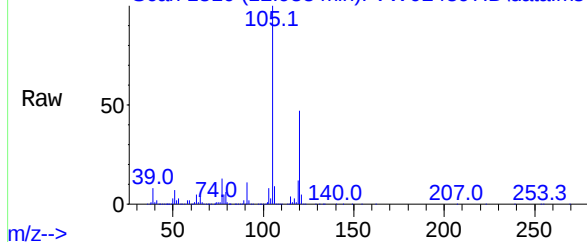


1,3,5-Trimethylbenzene
Concen: 24.216 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

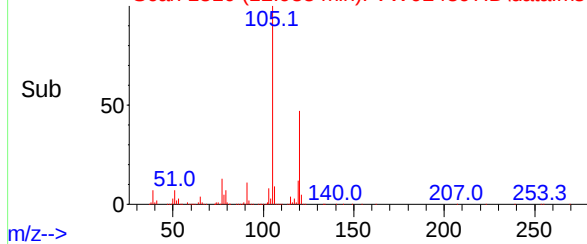
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 540554
Ion Ratio Lower Upper
105 100
120 48.2 38.4 57.6

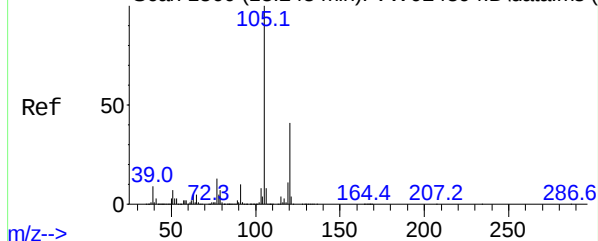
Abundance Scan 1810 (12.938 min): VW024397.D\data.ms



Abundance Scan 1810 (12.938 min): VW024397.D\data.ms (-1482) (-)



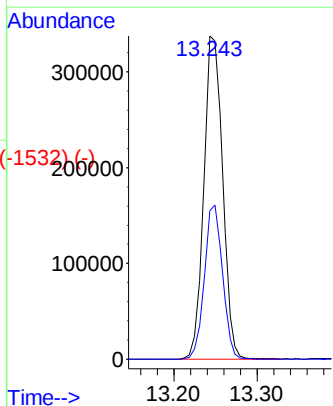
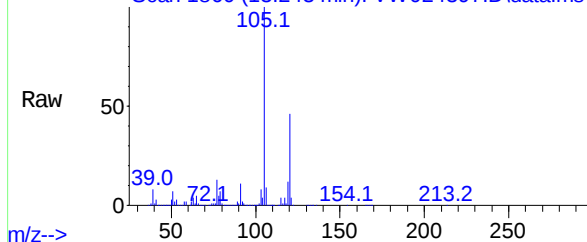
Abundance Scan 1860 (13.243 min): VW024394.D\data.ms (-1053) (-)



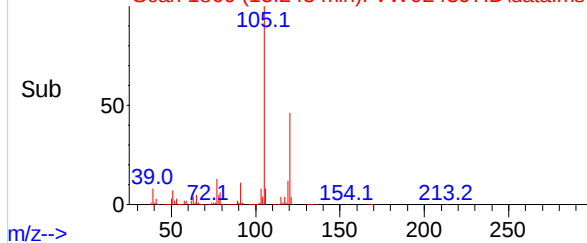
1,2,4-Trimethylbenzene
Concen: 24.232 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

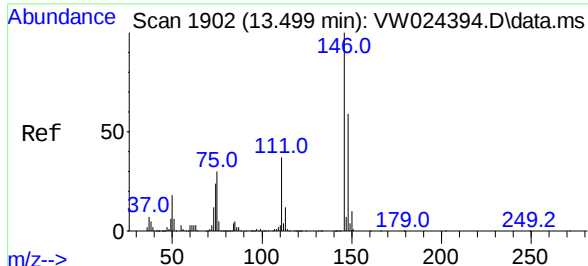
Tgt Ion:105 Resp: 525405
Ion Ratio Lower Upper
105 100
120 46.0 36.2 54.2

Abundance Scan 1860 (13.243 min): VW024397.D\data.ms



Abundance Scan 1860 (13.243 min): VW024397.D\data.ms (-1532) (-)

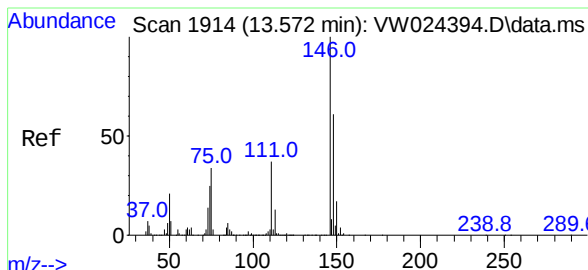
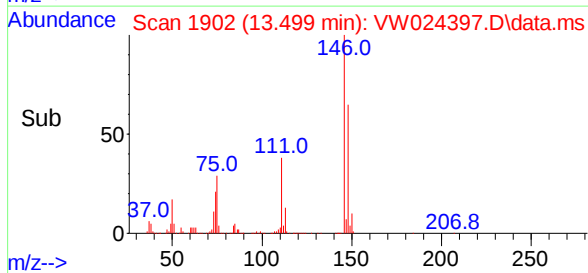
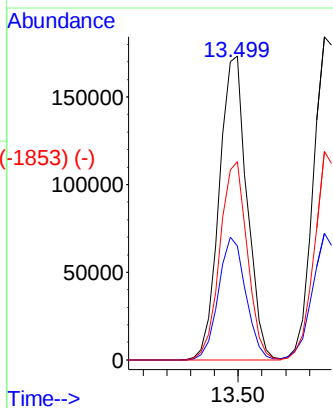
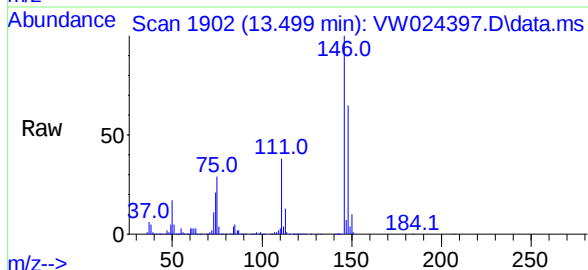




Scan 1902 (13.499 min): VW024394.D\data.ms (-1853) (-)
 1,3-Dichlorobenzene
 Concen: 21.217 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

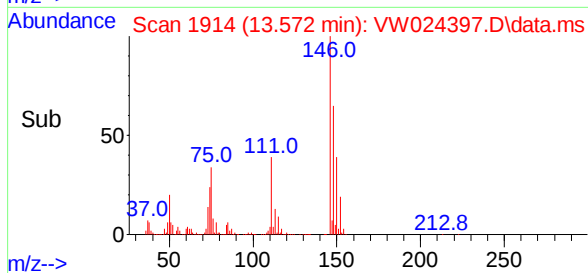
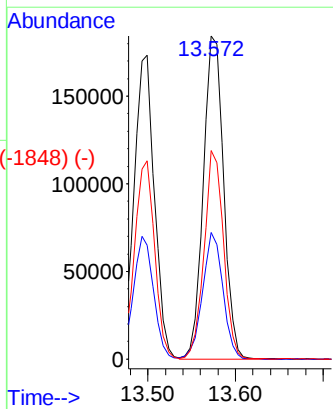
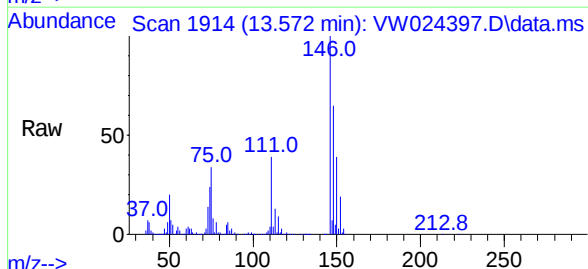
Instrument : MSVOA_W
 ClientSampleId :

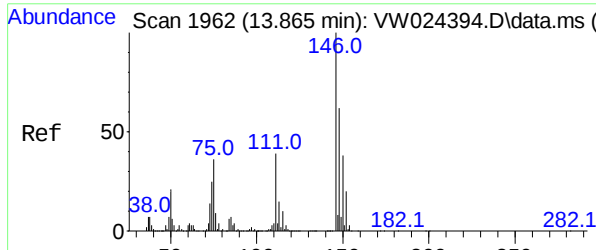
Tgt Ion:	146	Resp:	280831
Ion	Ratio	Lower	Upper
146	100		
111	37.6	27.0	50.2
148	65.3	44.9	83.3



Scan 1914 (13.572 min): VW024394.D\data.ms (-1853) (-)
 1,4-Dichlorobenzene
 Concen: 21.279 ug/L
 RT: 13.572 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Tgt Ion:	146	Resp:	297359
Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.7	51.5
148	64.5	46.5	86.5

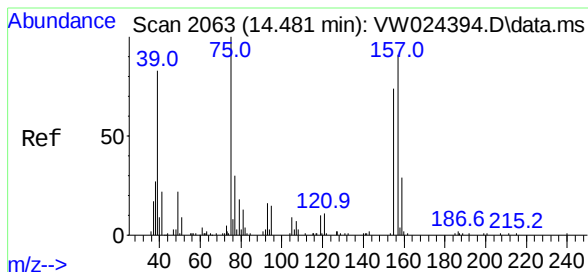
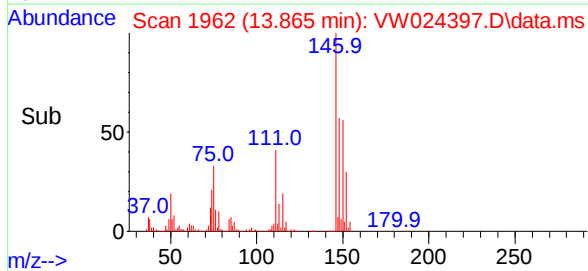
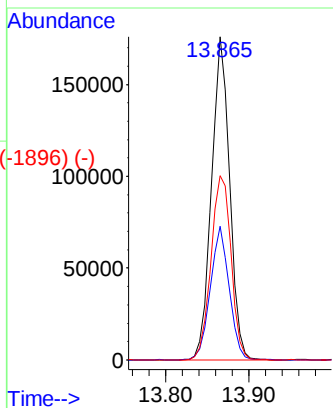
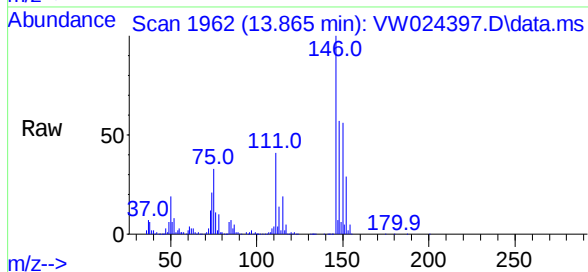




1,2-Dichlorobenzene
 Concen: 21.490 ug/L
 RT: 13.865 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

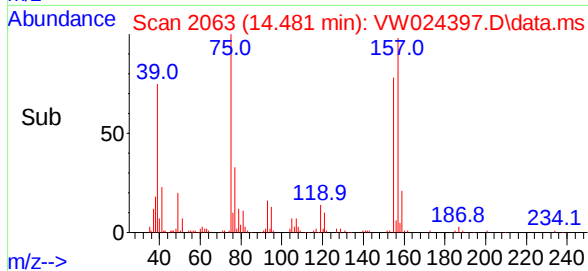
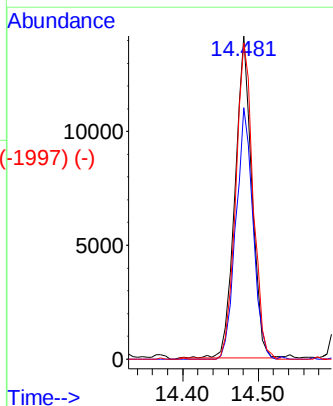
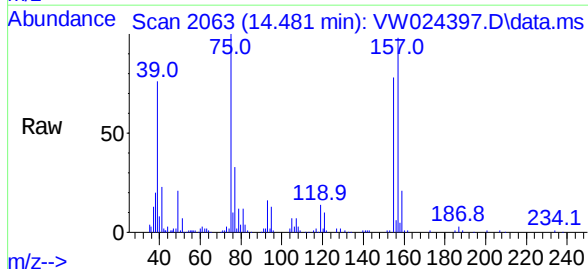
Instrument :
 MSVOA_W
 ClientSampleId :

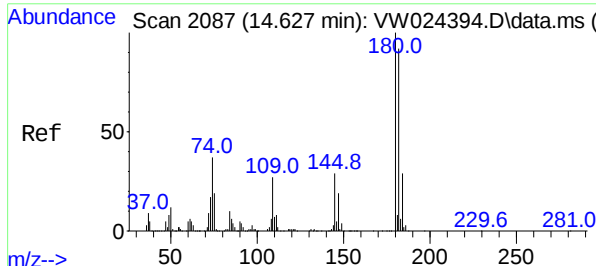
Tgt Ion:	146	Resp:	266632
Ion	Ratio	Lower	Upper
146	100		
111	41.3	34.5	51.7
148	57.1	50.6	75.8



1,2-Dibromo-3-chloropropane
 Concen: 18.465 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Tgt Ion:	75	Resp:	21866
Ion	Ratio	Lower	Upper
75	100		
155	77.7	63.9	95.9
157	97.8	72.2	108.4

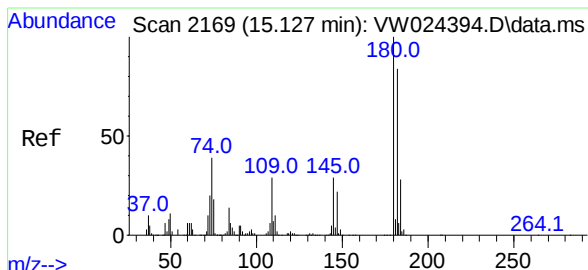
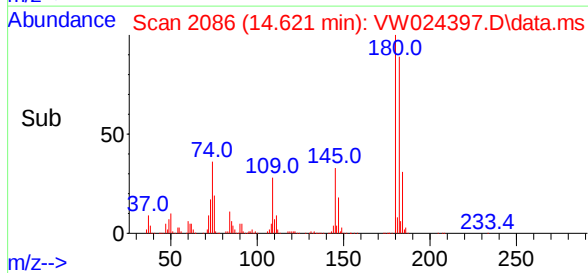
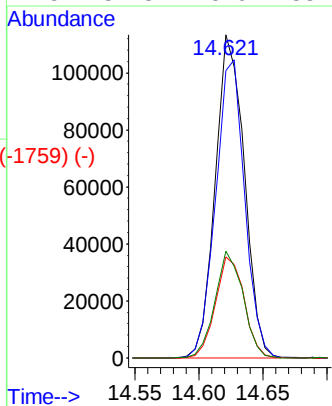
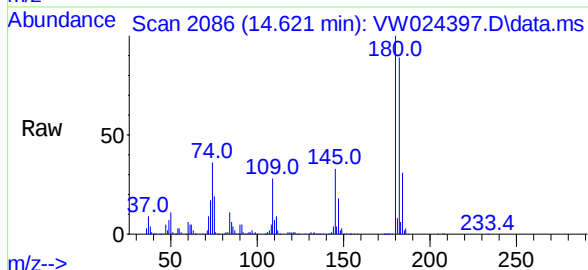




1,3,5-Trichlorobenzene
Concen: 20.859 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

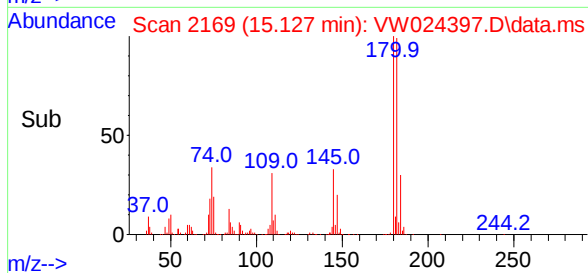
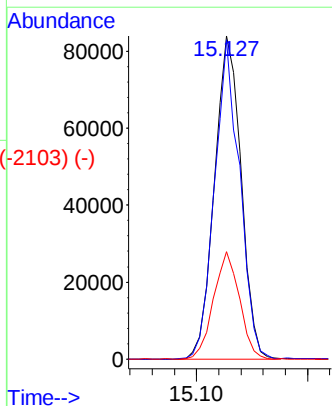
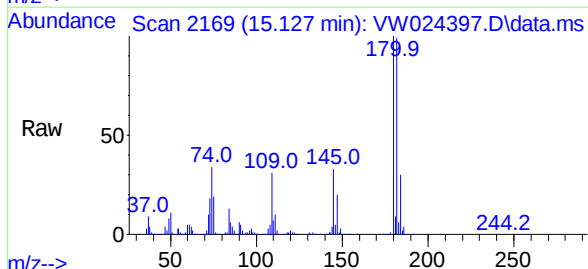
Instrument :
MSVOA_W
ClientSampleId :

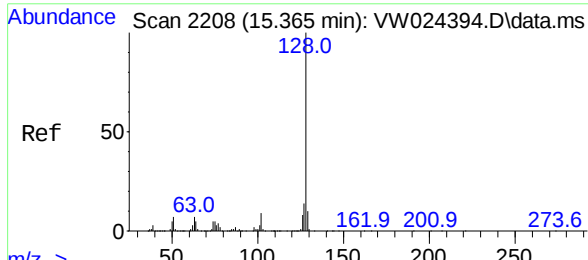
Tgt Ion:	180	Resp:	178199
Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.6	114.8
184	30.9	24.5	36.7
145	31.8	25.9	38.9



1,2,4-trichlorobenzene
Concen: 21.057 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024397.D
Acq: 27 Aug 2022 13:40

Tgt Ion:	180	Resp:	139841
Ion	Ratio	Lower	Upper
180	100		
182	93.5	72.6	109.0
145	32.4	26.2	39.2



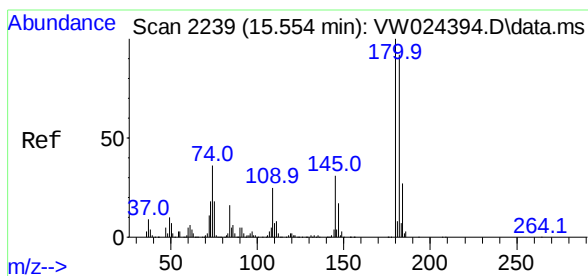
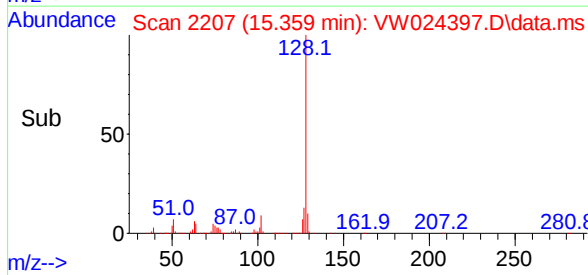
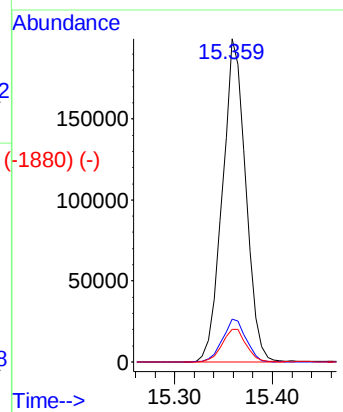
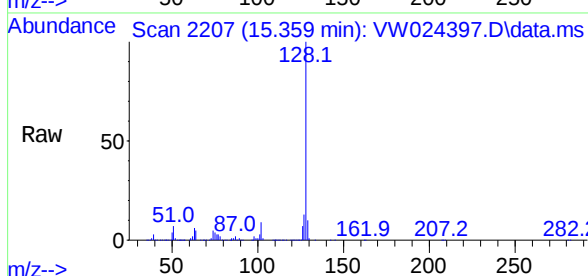


Scan 2208 (15.365 min): VW024394.D\data.ms (-218) (-)
 Naphthalene
 Concen: 22.740 ug/L
 RT: 15.359 min Scan# 218
 Delta R.T. -0.006 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 331675

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.4	8.3	12.5



Scan 2239 (15.554 min): VW024394.D\data.ms (-270) (-)
 1,2,3-Trichlorobenzene
 Concen: 20.319 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: VW024397.D
 Acq: 27 Aug 2022 13:40

Tgt Ion:180 Resp: 127535

Ion	Ratio	Lower	Upper
180	100		
182	99.3	74.6	111.8
145	34.4	26.6	40.0

