

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024400.D
 Acq On : 27 Aug 2022 14:54
 Operator : SY/VA
 Sample : N4346-09MS
 Misc : 5.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 01:48:01 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	372543	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	370658	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	205083	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	192711	18.765	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	75.080%	
7) Chloroethane-d5	2.873	69	151035	19.629	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	78.520%	
11) 1,1-Dichloroethene-d2	4.013	63	170754	19.172	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	76.680%	
21) 2-Butanone-d5	7.074	46	116725	61.710	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	123.420%	
24) Chloroform-d	7.647	84	315142	26.312	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	105.240%	
26) 1,2-Dichloroethane-d4	8.305	65	191698	26.393	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	105.560%	
32) Benzene-d6	8.275	84	582112	27.410	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	109.640%	
36) 1,2-Dichloropropane-d6	9.268	67	185765	28.127	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	112.520%	
41) Toluene-d8	10.323	98	545899	27.036	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	108.160%	
43) trans-1,3-Dichloroprop...	10.579	79	84660	27.391	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	109.560%	
47) 2-Hexanone-d5	10.921	63	100576	68.050	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	136.100%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	217624	29.103	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	116.400%	
66) 1,2-Dichlorobenzene-d4	13.853	152	227475	29.454	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	117.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	45225	12.120	ug/L	99
3) Chloromethane	2.215	50	90366	12.962	ug/L	99
5) Vinyl chloride	2.349	62	195199	16.017	ug/L	98
6) Bromomethane	2.764	94	130110	15.210	ug/L	96
8) Chloroethane	2.910	64	102193	16.053	ug/L	98
9) Trichlorofluoromethane	3.245	101	80126	13.982	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	92310	16.794	ug/L	95
13) Acetone	4.123	43	42121	37.315	ug/L	100
14) Carbon disulfide	4.373	76	280384	18.959	ug/L	99
15) Methyl Acetate	4.672	43	60454	21.892	ug/L	97
16) Methylene chloride	4.909	84	131171	20.994	ug/L	90
17) trans-1,2-Dichloroethene	5.415	96	117186	22.248	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	203845	23.636	ug/L	97
19) 1,1-Dichloroethane	6.208	63	216386	21.726	ug/L	95
22) 2-Butanone	7.171	43	88488	43.937	ug/L	100
23) Bromochloromethane	7.513	128	63619	22.494	ug/L	93
25) Chloroform	7.671	83	244983	22.169	ug/L	96
27) 1,2-Dichloroethane	8.397	62	170390	21.183	ug/L #	94

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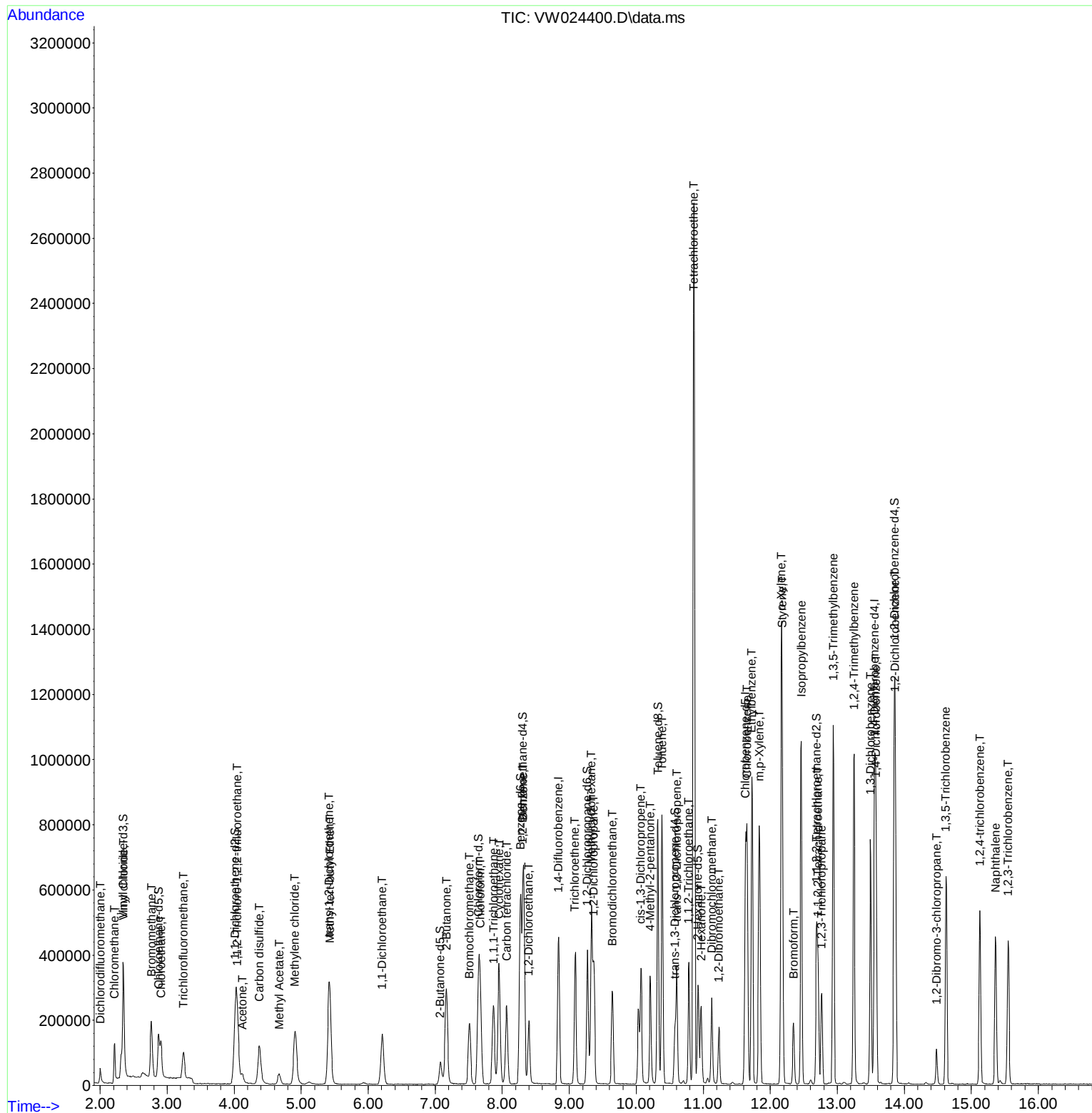
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	190323	23.817	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	182580	20.893	ug/L	98
31) Carbon tetrachloride	8.067	117	172436	21.569	ug/L	99
33) Benzene	8.317	78	521546	22.600	ug/L	100
34) Trichloroethene	9.086	95	134464	22.107	ug/L	95
35) Methylcyclohexane	9.329	83	217179	22.255	ug/L	98
37) 1,2-Dichloropropane	9.366	63	130091	21.844	ug/L	98
38) Bromodichloromethane	9.640	83	182848	22.545	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	202290	24.299	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	207916	49.096	ug/L	97
42) Toluene	10.384	91	585819	23.002	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	187402	23.166	ug/L	95
45) 1,1,2-Trichloroethane	10.780	97	112783	23.223	ug/L	92
46) Tetrachloroethene	10.860	164	537342	113.753	ug/L	93
48) 2-Hexanone	10.969	43	149407	47.830	ug/L	97
49) Dibromochloromethane	11.128	129	130849	22.780	ug/L	100
50) 1,2-Dibromoethane	11.231	107	109365	23.423	ug/L #	85
51) Chlorobenzene	11.652	112	378379	22.135	ug/L	99
52) Ethylbenzene	11.725	91	656329	23.310	ug/L	95
53) m,p-Xylene	11.835	106	257188	23.258	ug/L	94
54) o-Xylene	12.164	106	245080	23.709	ug/L	93
55) Styrene	12.176	104	432951	23.694	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	152467	22.492	ug/L	99
59) Bromoform	12.347	173	77908	23.672	ug/L	98
60) Isopropylbenzene	12.463	105	666043	24.452	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	109734	23.661	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	550420	25.061	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	546138	25.600	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	287393	22.068	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	304063	22.114	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	280626	22.987	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	24117	20.698	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.621	180	182258	21.682	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	149402	22.864	ug/L	96
71) Naphthalene	15.359	128	372426	25.952	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	133078	21.549	ug/L	97

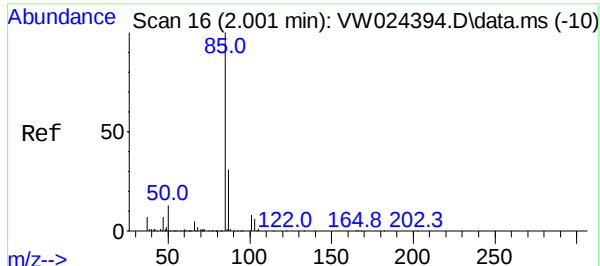
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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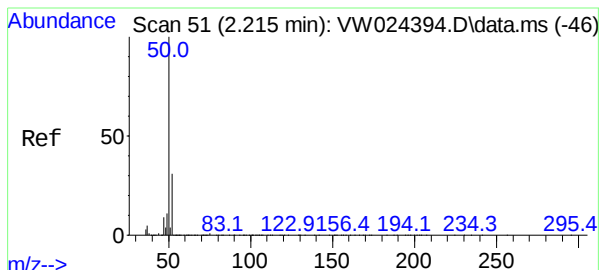
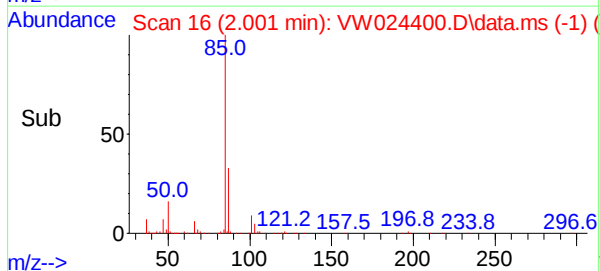
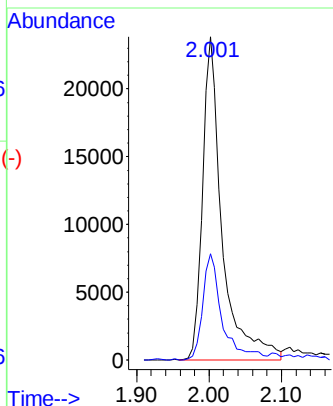
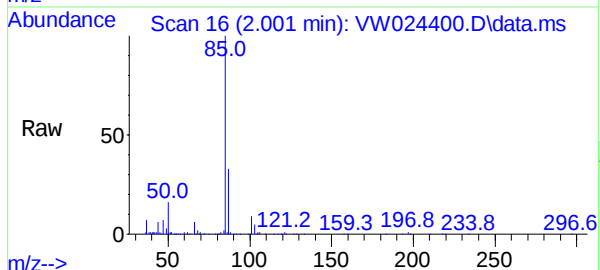




Dichlorodifluoromethane
 Concen: 12.120 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

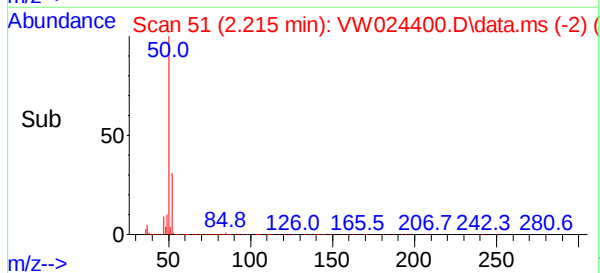
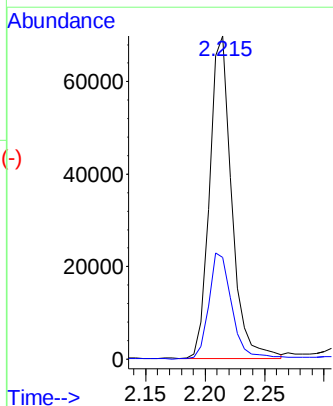
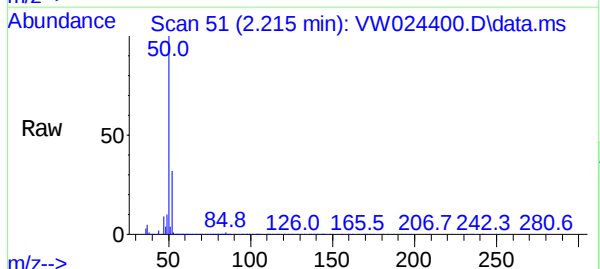
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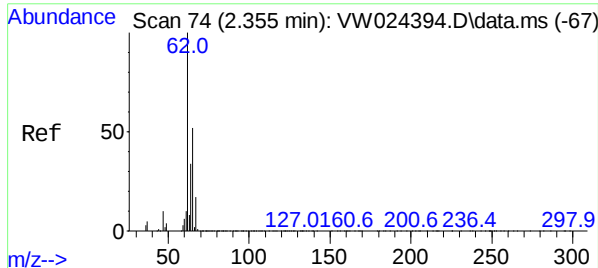
Tgt Ion: 85 Resp: 45225
 Ion Ratio Lower Upper
 85 100
 87 31.2 24.7 37.1



Chloromethane
 Concen: 12.962 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

Tgt Ion: 50 Resp: 90366
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.3 41.5





Vinyl chloride

Concen: 16.017 ug/L

RT: 2.349 min Scan#

Delta R.T. -0.006 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Instrument :

MSVOA_W

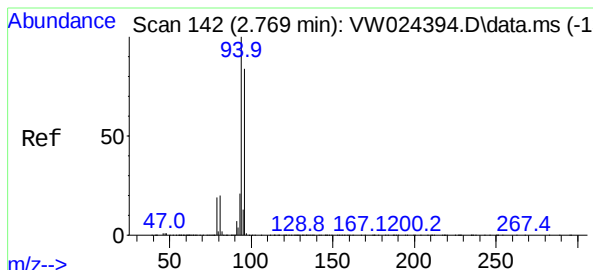
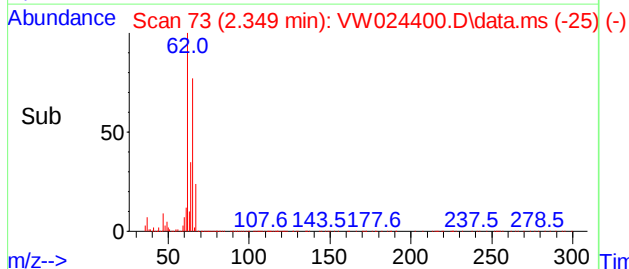
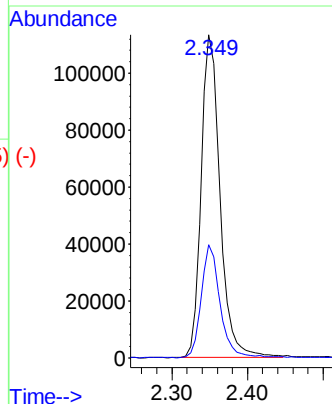
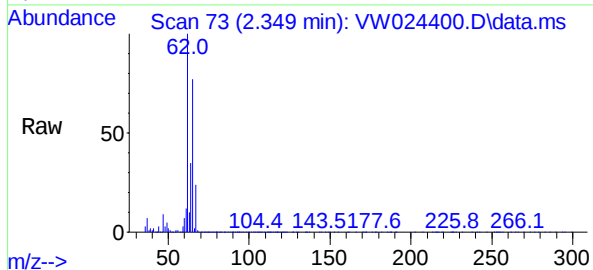
ClientSampleId :

Tgt Ion: 62 Resp: 195199

Ion Ratio Lower Upper

62 100

64 35.0 23.6 43.8



Bromomethane

Concen: 15.210 ug/L

RT: 2.764 min Scan# 141

Delta R.T. -0.006 min

Lab File: VW024400.D

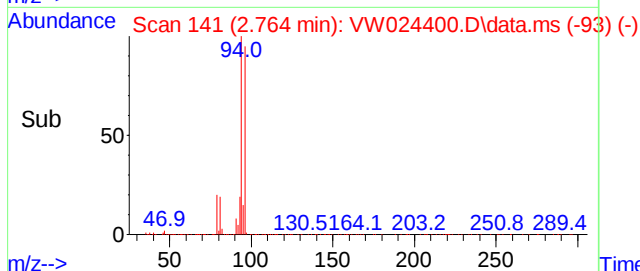
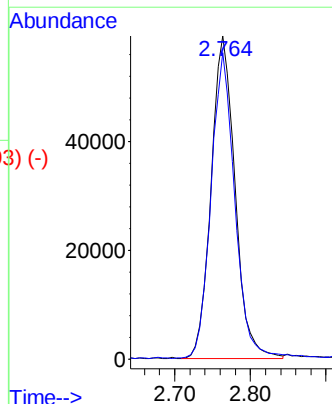
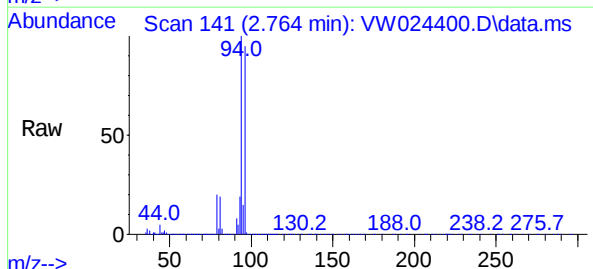
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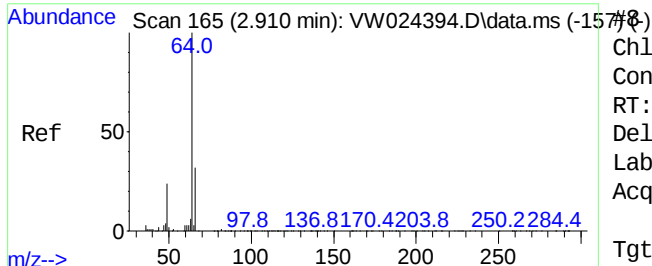
Tgt Ion: 94 Resp: 130110

Ion Ratio Lower Upper

94 100

96 94.8 63.6 118.0





Chloroethane

Concen: 16.053 ug/L

RT: 2.910 min Scan# 165

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Instrument :

MSVOA_W

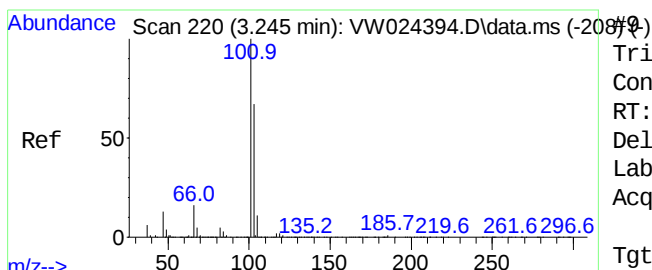
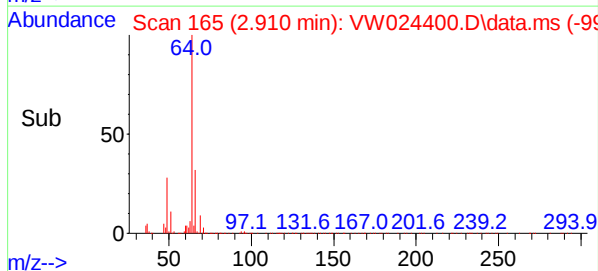
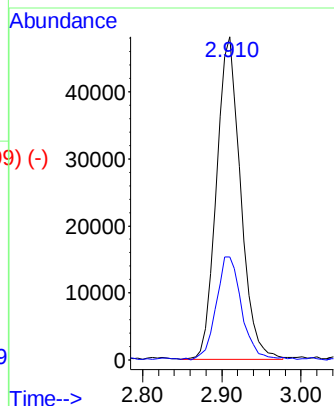
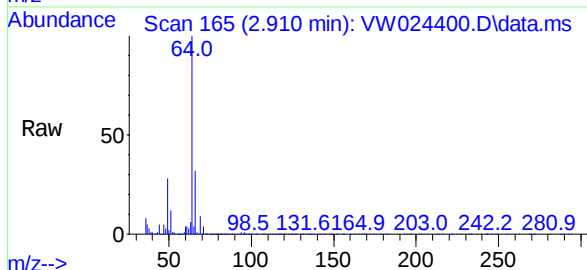
ClientSampleId :

Tgt Ion: 64 Resp: 102193

Ion Ratio Lower Upper

64 100

66 31.9 23.0 42.6



Trichlorofluoromethane

Concen: 13.982 ug/L

RT: 3.245 min Scan# 220

Delta R.T. 0.000 min

Lab File: VW024400.D

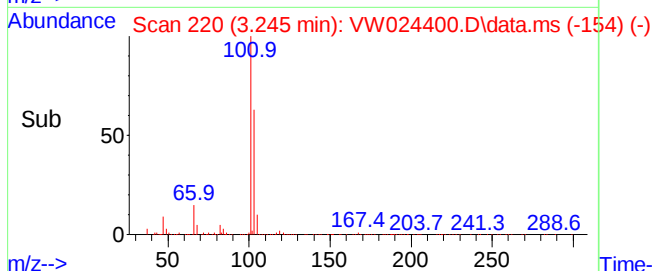
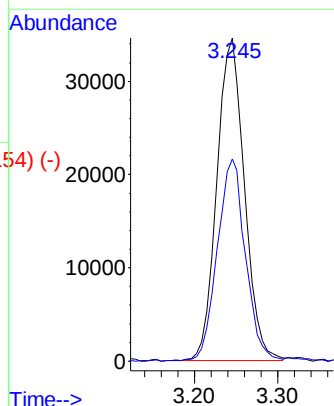
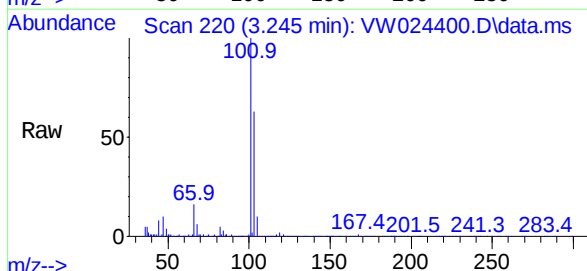
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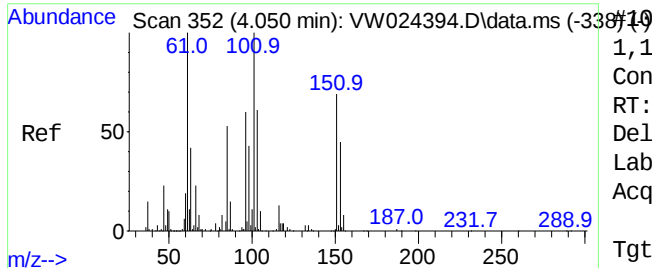
Tgt Ion: 101 Resp: 80126

Ion Ratio Lower Upper

101 100

103 64.0 50.4 75.6

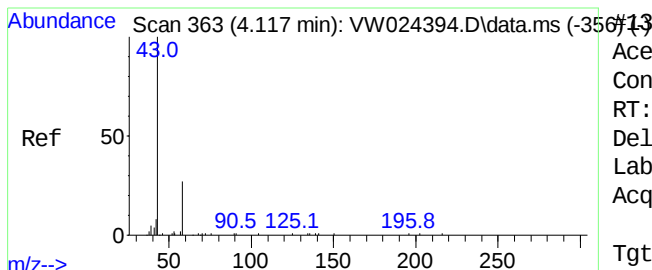
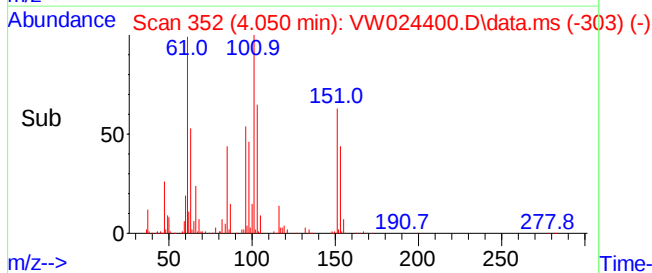
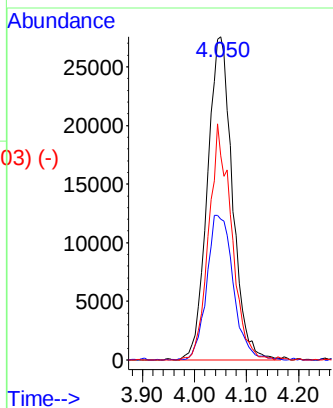
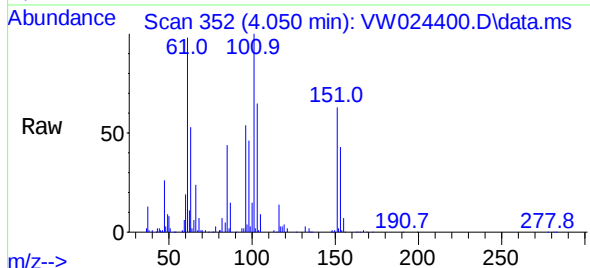




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 16.794 ug/L
 RT: 4.050 min Scan# 10
 Delta R.T. 0.000 min
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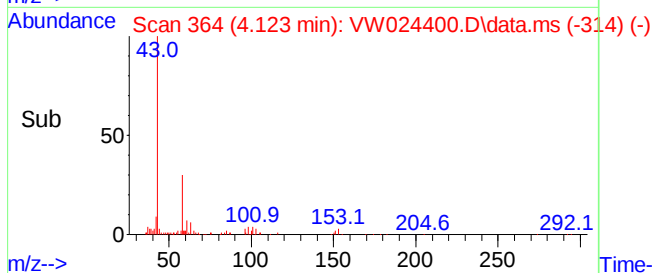
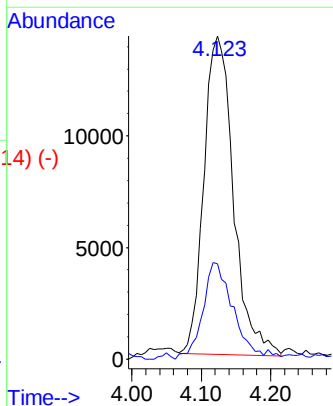
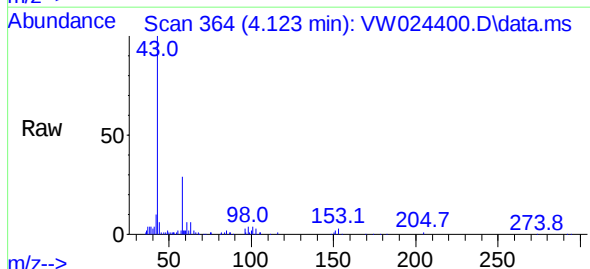
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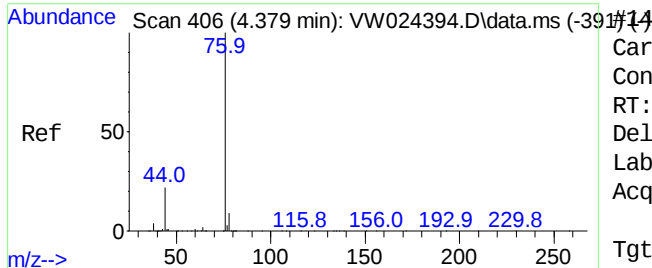
Tgt Ion:	101	Resp:	92310
Ion	Ratio	Lower	Upper
101	100		
85	46.3	39.1	58.7
151	66.3	56.8	85.2



Acetone
 Concen: 37.315 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
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Tgt Ion:	43	Resp:	42121
Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	58.4





Carbon disulfide

Concen: 18.959 ug/L

RT: 4.373 min Scan# 414

Delta R.T. -0.006 min

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Instrument :

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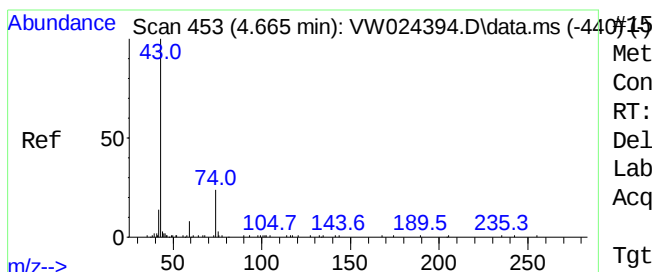
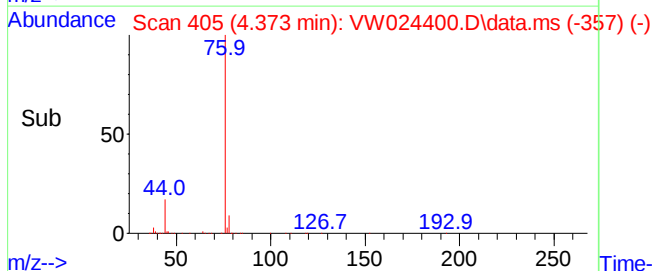
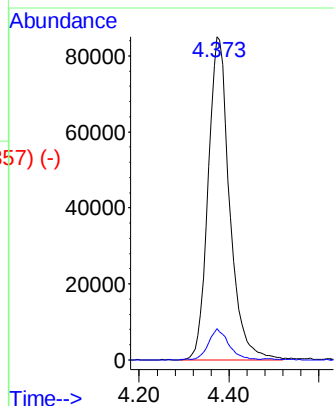
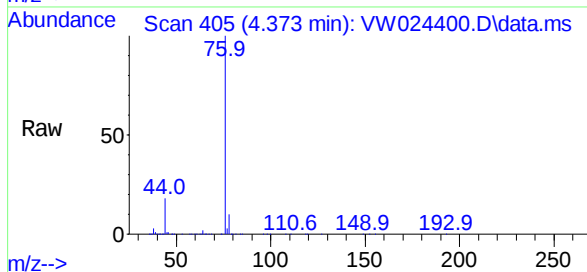
ClientSampleId :

Tgt Ion: 76 Resp: 280384

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2



Methyl Acetate

Concen: 21.892 ug/L

RT: 4.672 min Scan# 454

Delta R.T. 0.006 min

Lab File: VW024400.D

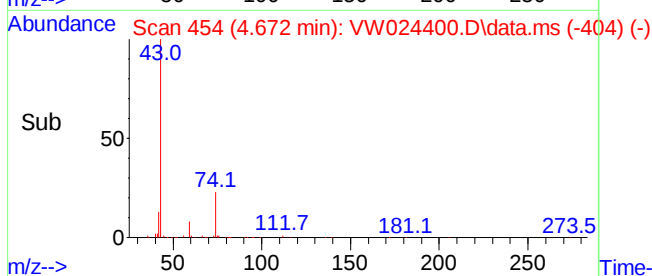
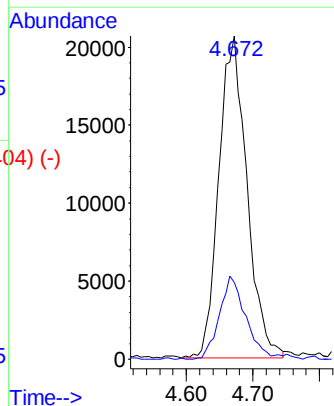
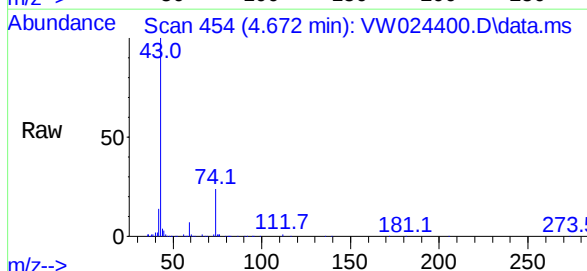
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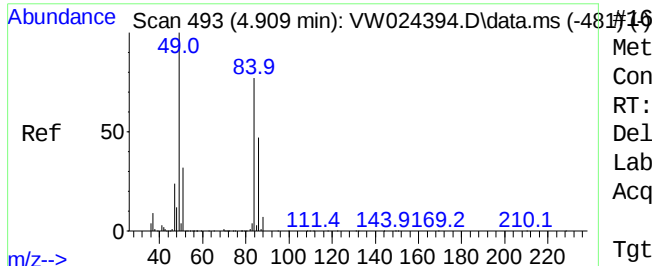
Tgt Ion: 43 Resp: 60454

Ion Ratio Lower Upper

43 100

74 23.8 17.9 26.9





Methylene chloride

Concen: 20.994 ug/L

RT: 4.909 min Scan# 493

Delta R.T. 0.000 min

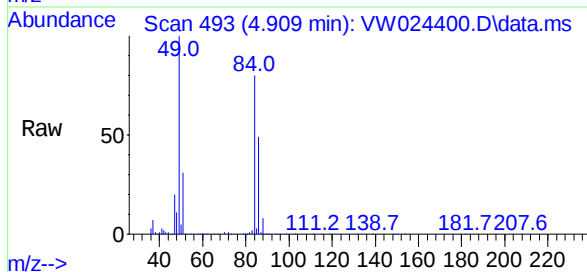
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ClientSampleId :



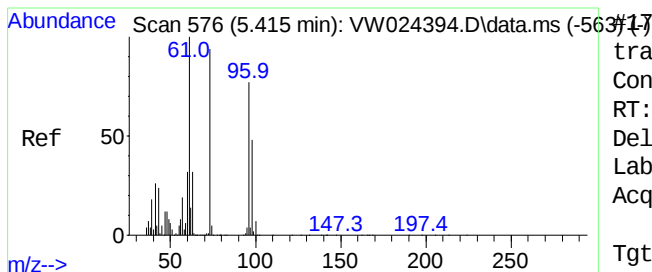
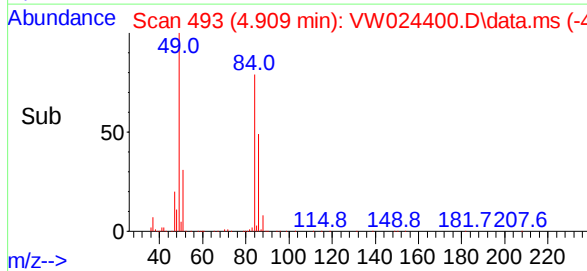
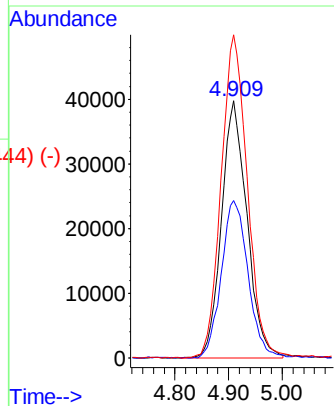
Tgt Ion: 84 Resp: 131171

Ion Ratio Lower Upper

84 100

86 61.3 47.7 88.7

49 125.7 96.6 179.4



trans-1,2-Dichloroethene

Concen: 22.248 ug/L

RT: 5.415 min Scan# 576

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

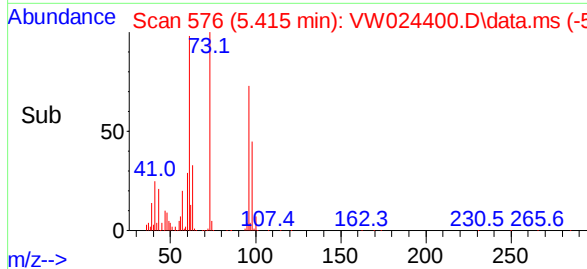
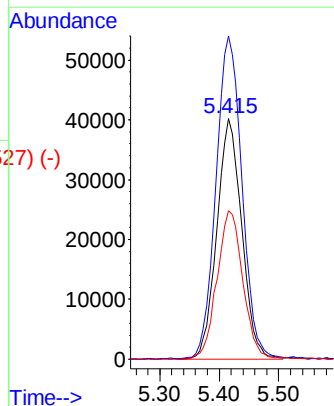
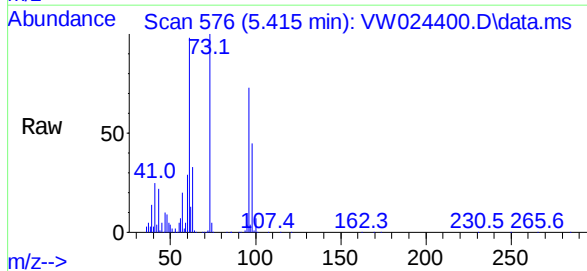
Tgt Ion: 96 Resp: 117186

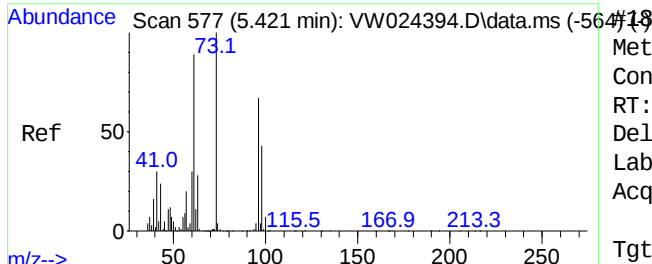
Ion Ratio Lower Upper

96 100

61 134.2 92.1 171.1

98 61.5 44.7 83.1

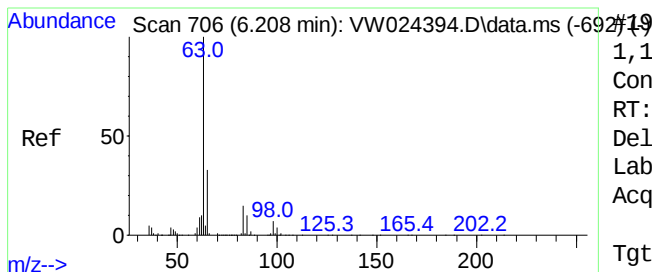
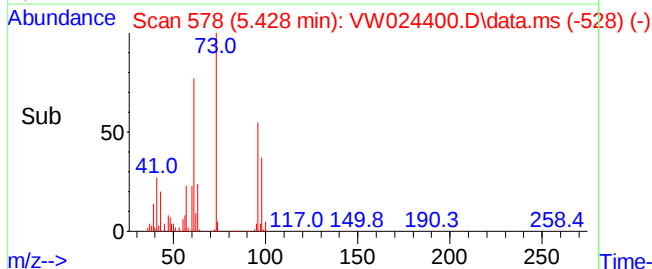
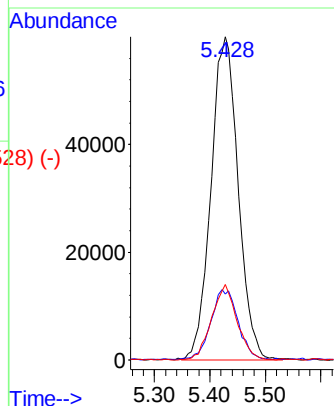
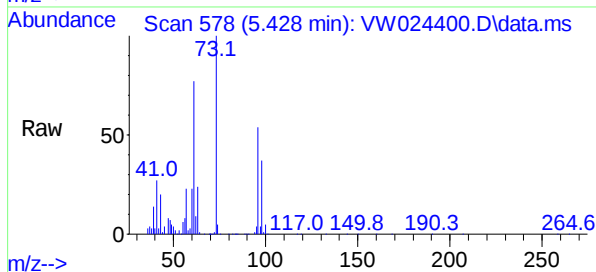




Methyl tert-butyl Ether
 Concen: 23.636 ug/L
 RT: 5.428 min Scan# 18
 Delta R.T. 0.006 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

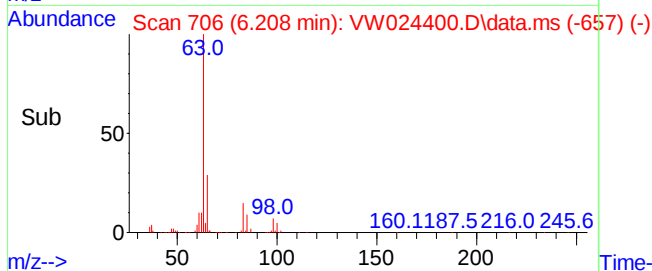
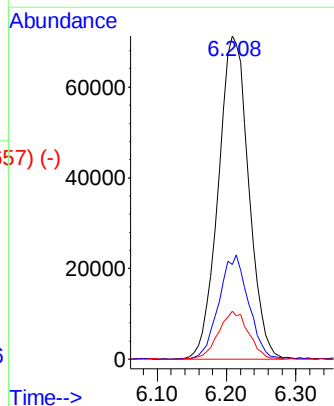
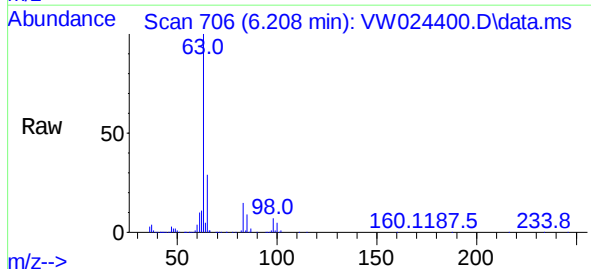
Instrument :
 MSVOA_W
 ClientSampleId :

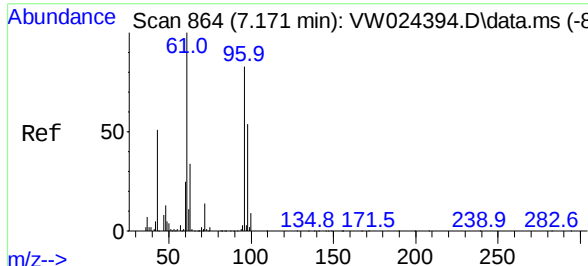
Tgt Ion:	73	Resp:	203845
Ion	Ratio	Lower	Upper
73	100		
43	21.5	18.8	28.2
57	21.8	18.1	27.1



1,1-Dichloroethane
 Concen: 21.726 ug/L
 RT: 6.208 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

Tgt Ion:	63	Resp:	216386
Ion	Ratio	Lower	Upper
63	100		
65	29.4	23.6	43.8
83	14.8	10.4	19.4





2-Butanone

Concen: 43.937 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Instrument :

MSVOA_W

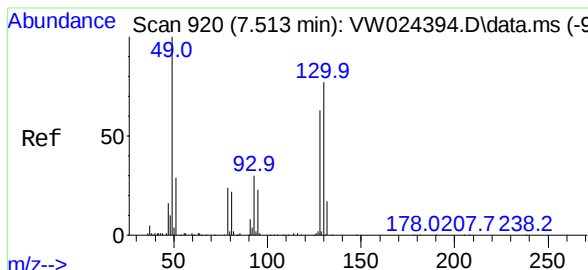
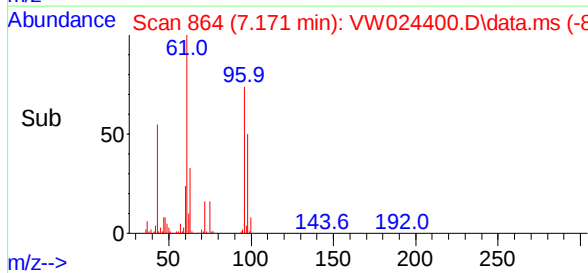
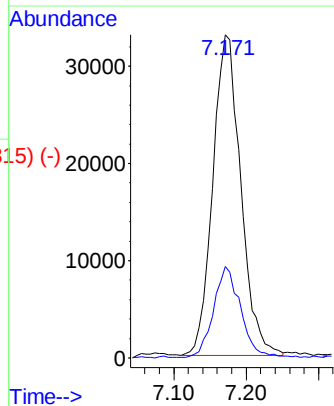
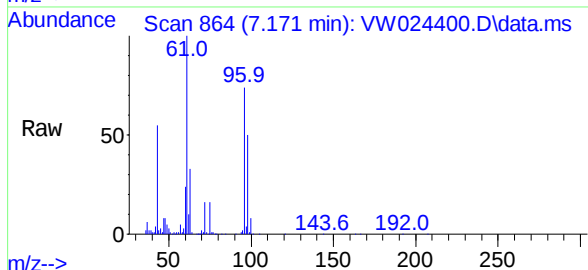
ClientSampleId :

Tgt Ion: 43 Resp: 88488

Ion Ratio Lower Upper

43 100

72 27.6 13.9 41.6



Bromochloromethane

Concen: 22.494 ug/L

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Tgt Ion:128 Resp: 63619

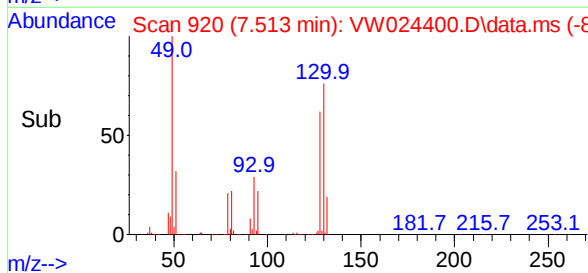
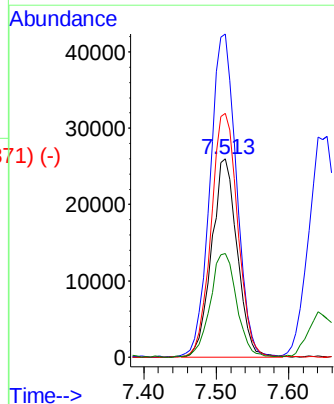
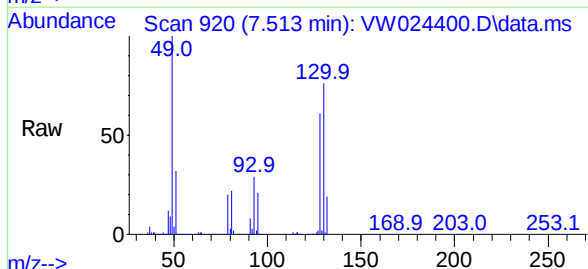
Ion Ratio Lower Upper

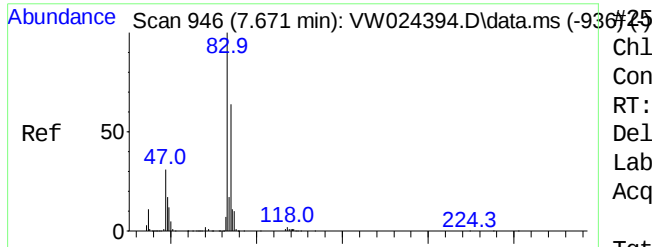
128 100

49 162.7 122.1 226.7

130 122.9 91.1 169.1

51 52.0 39.0 58.4





Chloroform

Concen: 22.169 ug/L

RT: 7.671 min Scan# 946

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Instrument :

MSVOA_W

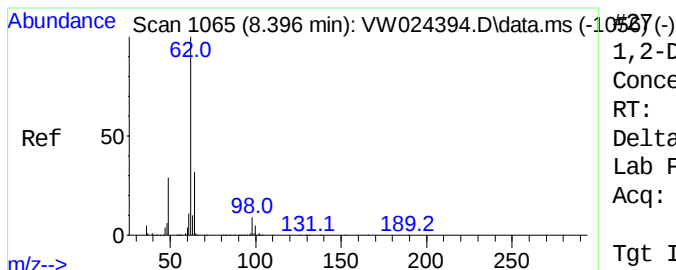
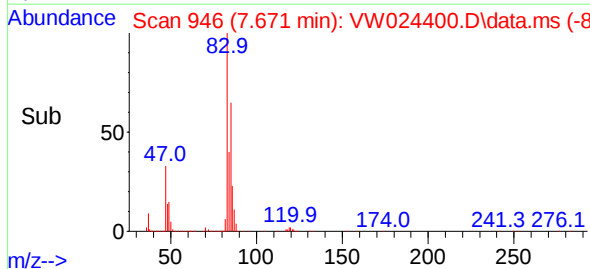
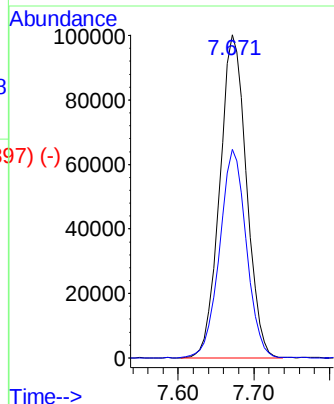
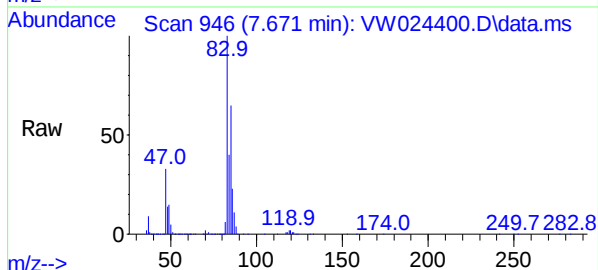
ClientSampleId :

Tgt Ion: 83 Resp: 244983

Ion Ratio Lower Upper

83 100

85 64.6 47.5 88.1



1,2-Dichloroethane

Concen: 21.183 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024400.D

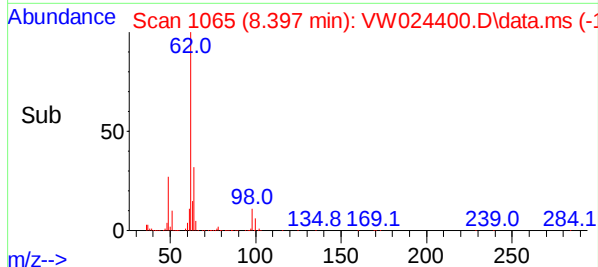
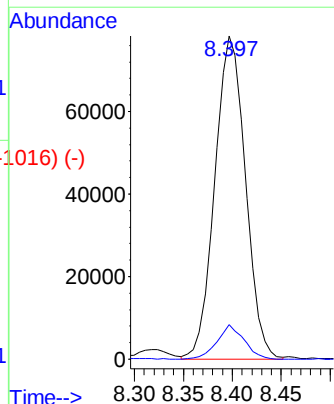
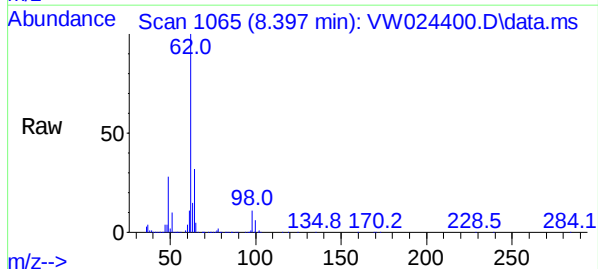
Acq: 27 Aug 2022 14:54

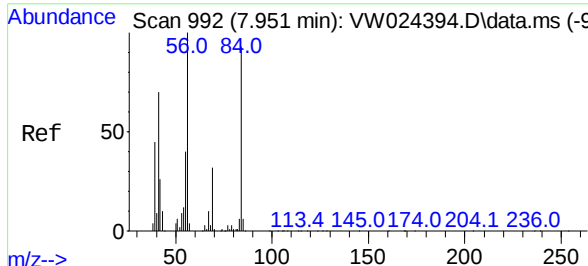
Tgt Ion: 62 Resp: 170390

Ion Ratio Lower Upper

62 100

98 10.6 6.7 10.1#





Cyclohexane

Concen: 23.817 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Instrument :

MSVOA_W

ClientSampleId :

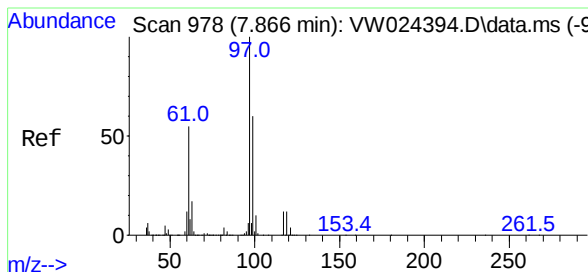
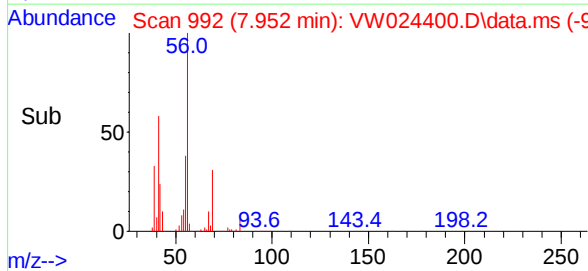
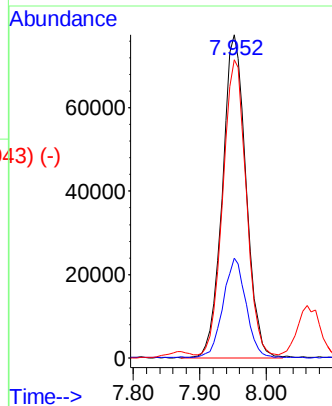
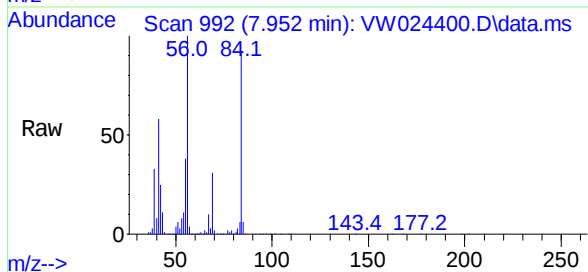
Tgt Ion: 56 Resp: 190323

Ion Ratio Lower Upper

56 100

69 30.0 23.5 35.3

84 92.5 72.2 108.4



1,1,1-Trichloroethane

Concen: 20.893 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

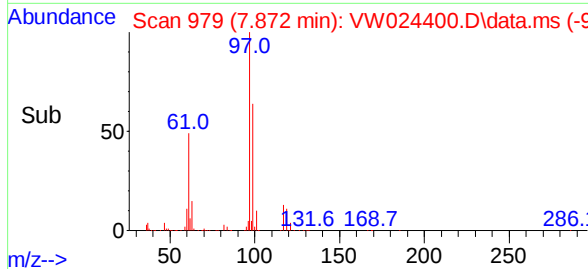
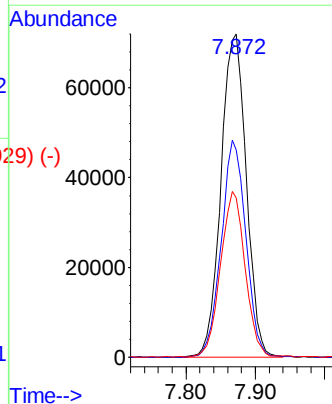
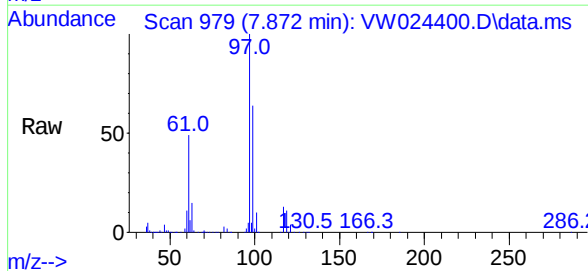
Tgt Ion: 97 Resp: 182580

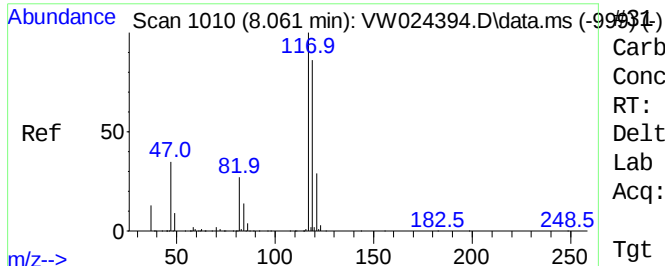
Ion Ratio Lower Upper

97 100

99 65.1 50.2 75.2

61 49.9 40.2 60.4

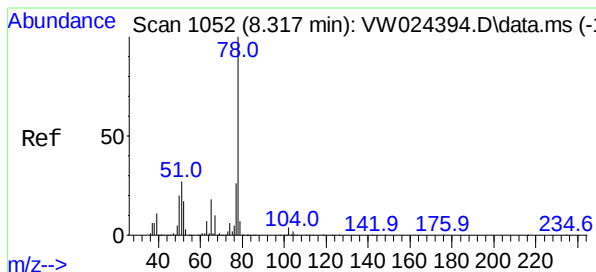
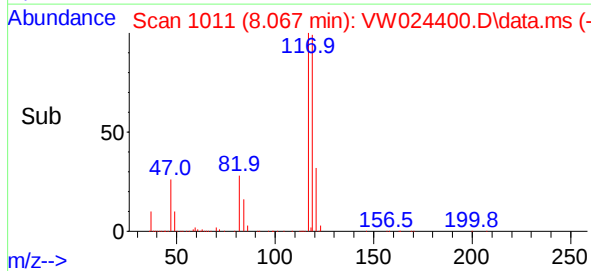
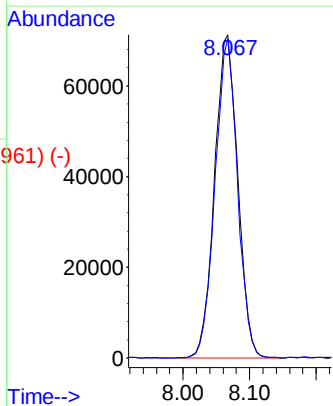
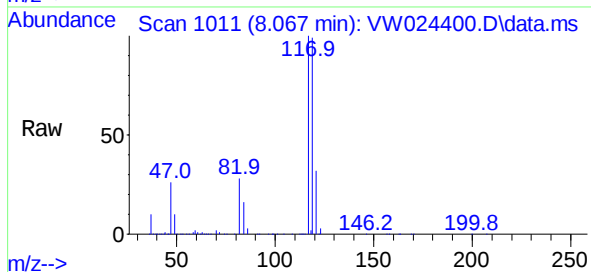




Carbon tetrachloride
Concen: 21.569 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

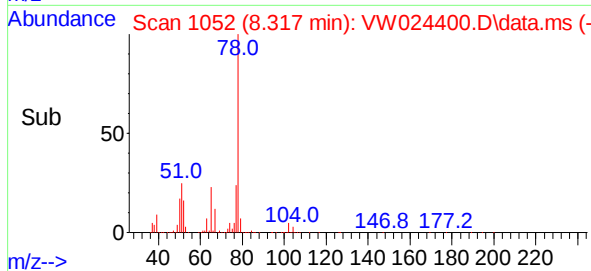
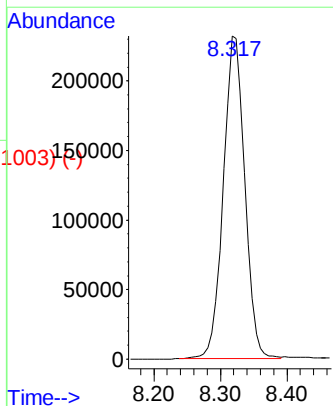
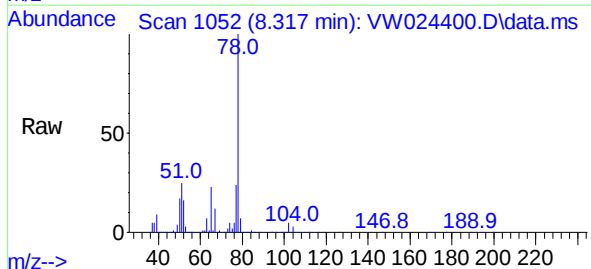
Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 172436
Ion Ratio Lower Upper
117 100
119 95.4 75.9 113.9



Benzene
Concen: 22.600 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

Tgt Ion: 78 Resp: 521546



Abundance Scan 1178 (9.085 min): VW024394.D\data.ms (-1169) (-)

Trichloroethene

Concen: 22.107 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. 0.000 min

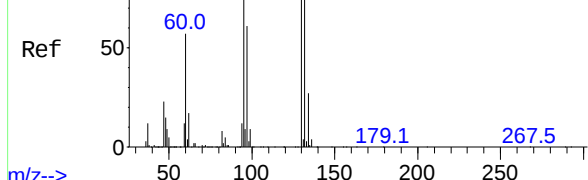
Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 134464

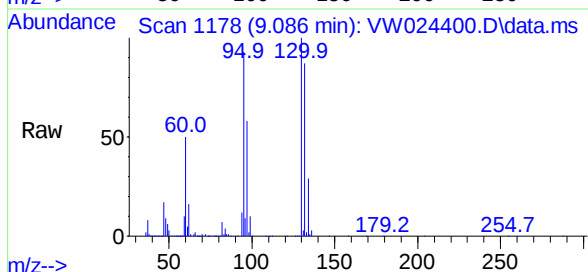
Ion Ratio Lower Upper

95 100

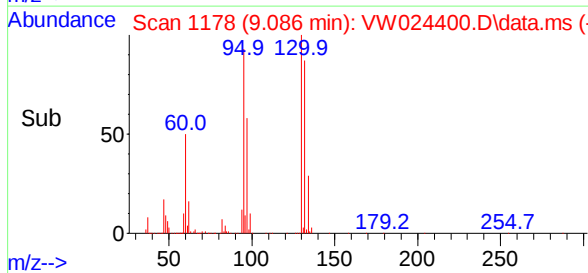
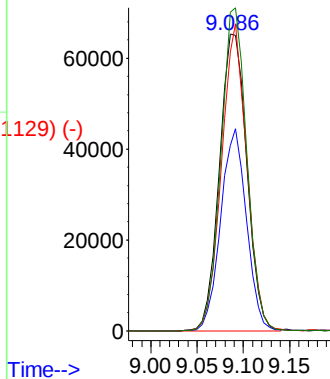
97 62.5 48.4 89.8

132 93.9 68.6 127.4

130 107.5 72.6 134.8



Abundance



Abundance Scan 1218 (9.329 min): VW024394.D\data.ms (-1169) (-)

Methylcyclohexane

Concen: 22.255 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

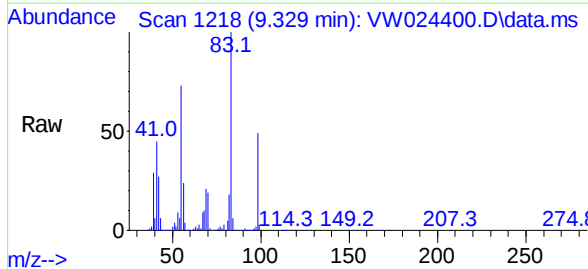
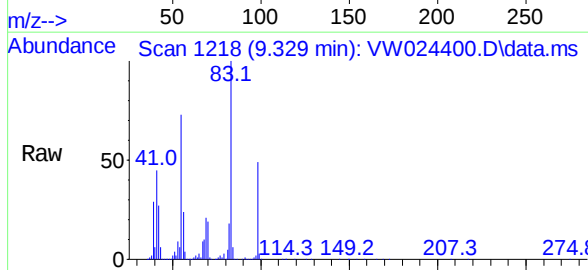
Tgt Ion: 83 Resp: 217179

Ion Ratio Lower Upper

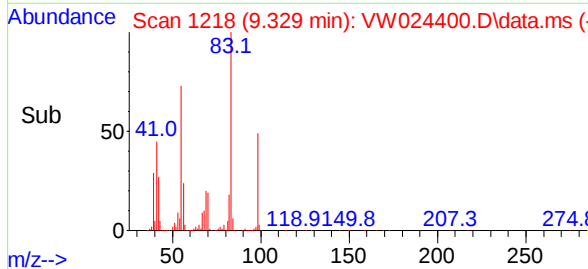
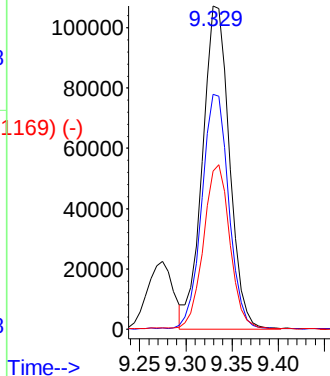
83 100

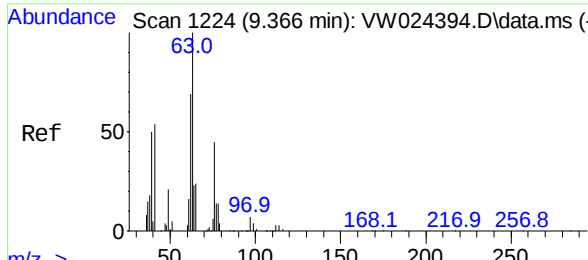
55 72.8 60.1 90.1

98 50.0 40.5 60.7



Abundance

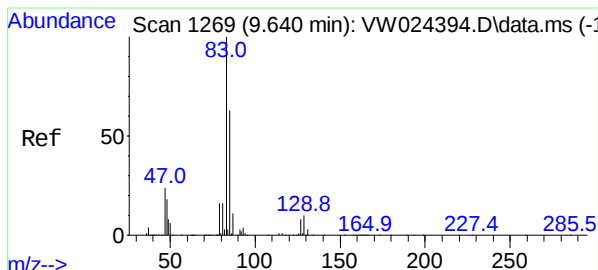
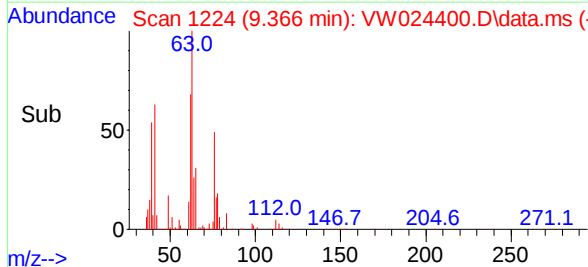
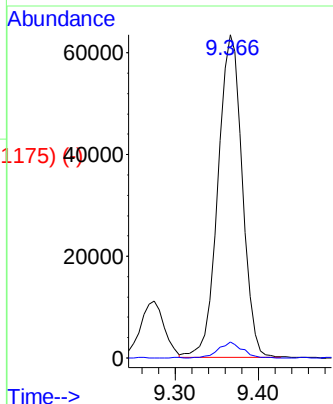
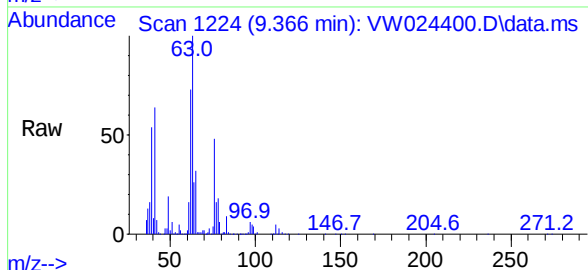




1,2-Dichloropropane
 Concen: 21.844 ug/L
 RT: 9.366 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

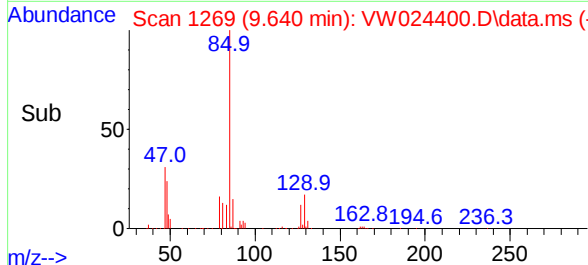
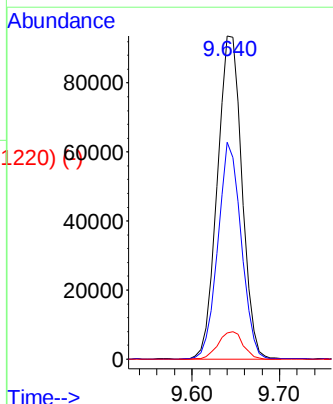
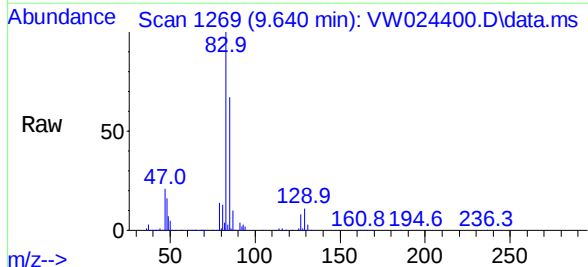
Instrument :
 MSVOA_W
 ClientSampleId :

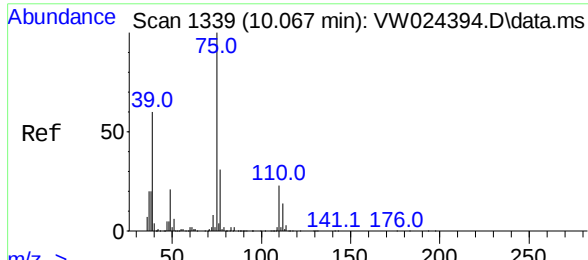
Tgt Ion: 63 Resp: 130091
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.4 5.0



Bromodichloromethane
 Concen: 22.545 ug/L
 RT: 9.640 min Scan# 1269
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

Tgt Ion: 83 Resp: 182848
 Ion Ratio Lower Upper
 83 100
 85 67.0 46.3 85.9
 127 8.2 6.7 10.1

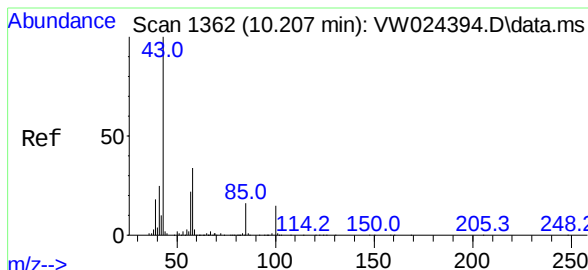
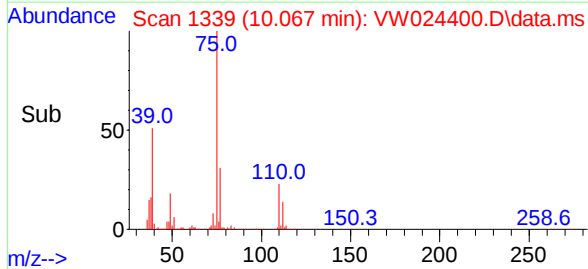
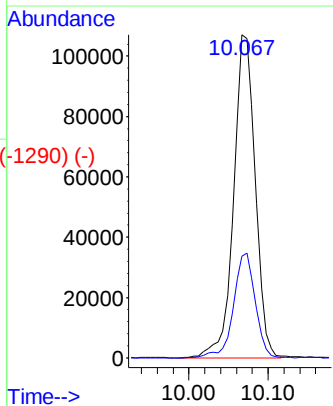
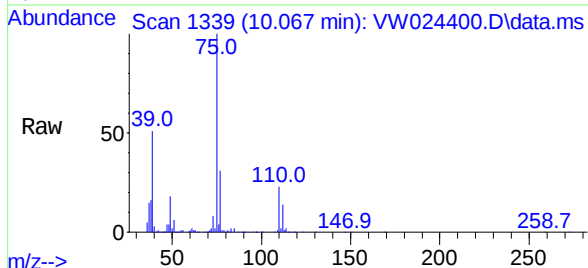




cis-1,3-Dichloropropene
Concen: 24.299 ug/L
RT: 10.067 min Scan# 1339
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

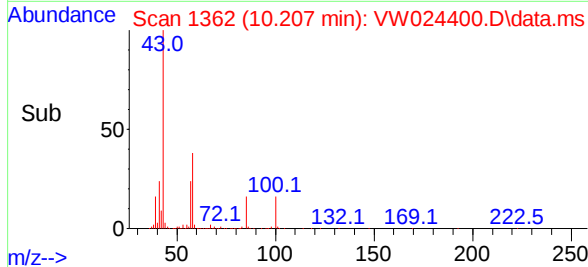
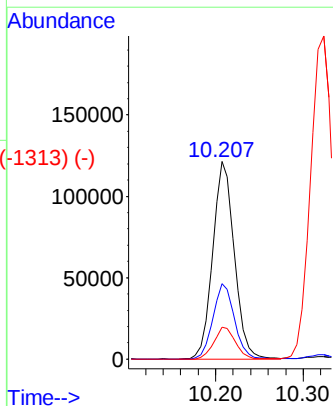
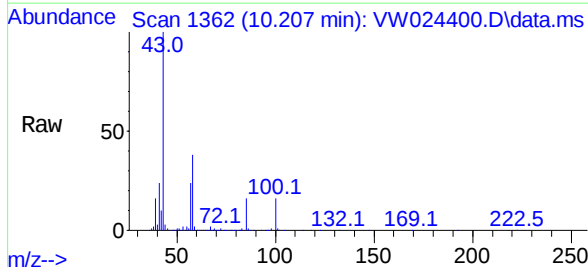
Instrument :
MSVOA_W
ClientSampleId :

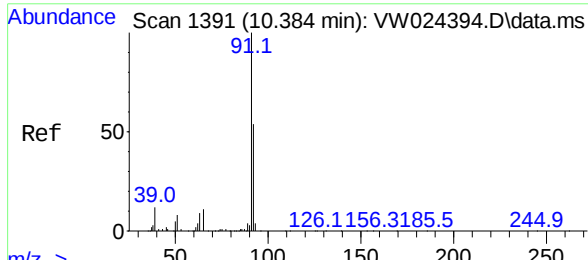
Tgt Ion: 75 Resp: 202290
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6



4-Methyl-2-pentanone
Concen: 49.096 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

Tgt Ion: 43 Resp: 207916
Ion Ratio Lower Upper
43 100
58 38.2 29.4 44.2
100 16.1 11.8 17.8

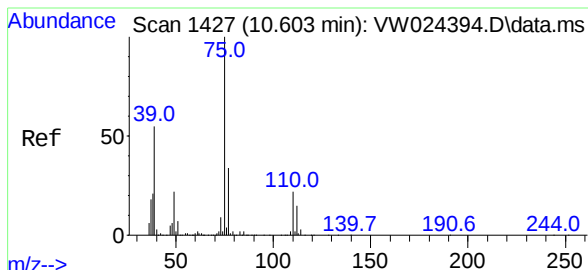
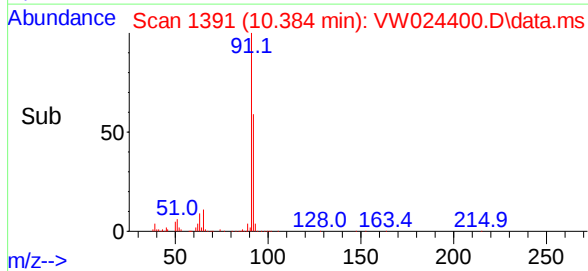
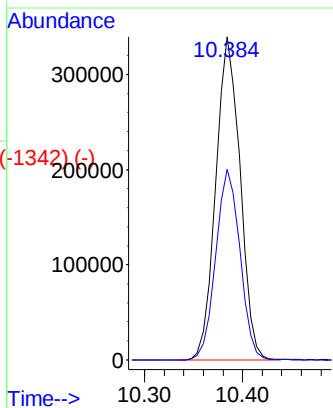
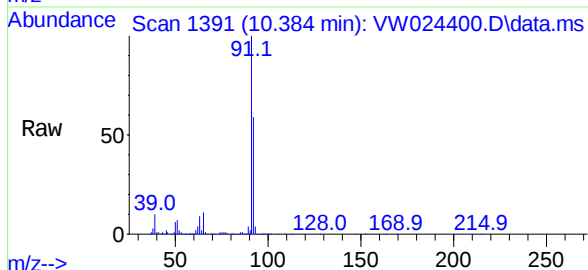




Scan 1391 (10.384 min): VW024394.D\data.ms (-1342) (-)
 Toluene
 Concen: 23.002 ug/L
 RT: 10.384 min Scan# 1391
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

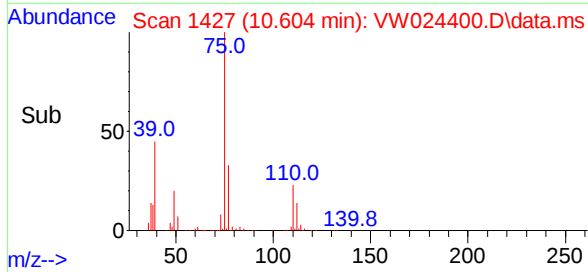
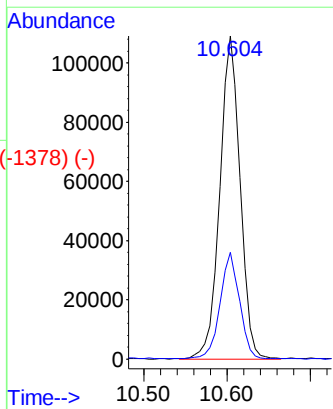
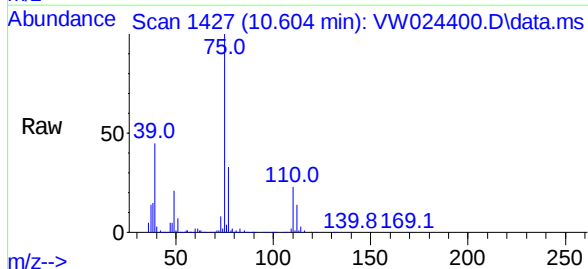
Instrument : MSVOA_W
 ClientSampleId :

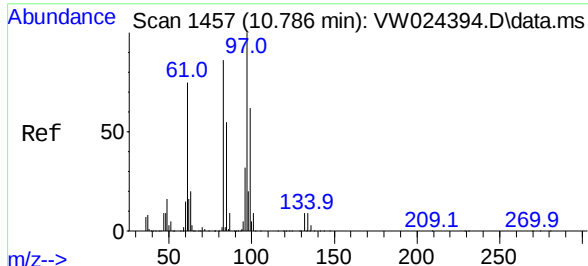
Tgt Ion: 91 Resp: 585819
 Ion Ratio Lower Upper
 91 100
 92 59.0 40.0 74.4



Scan 1427 (10.603 min): VW024394.D\data.ms (-1344) (-)
 trans-1,3-Dichloropropene
 Concen: 23.166 ug/L
 RT: 10.604 min Scan# 1427
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

Tgt Ion: 75 Resp: 187402
 Ion Ratio Lower Upper
 75 100
 77 33.0 21.1 39.1

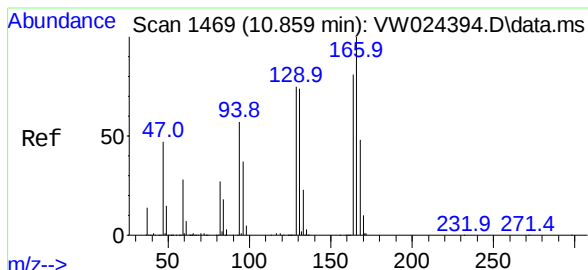
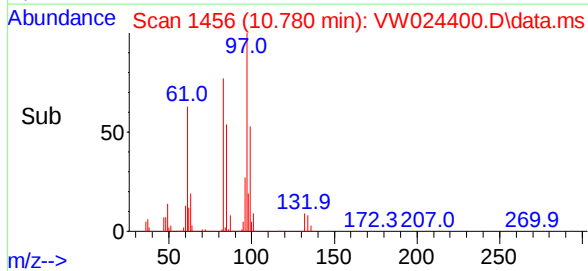
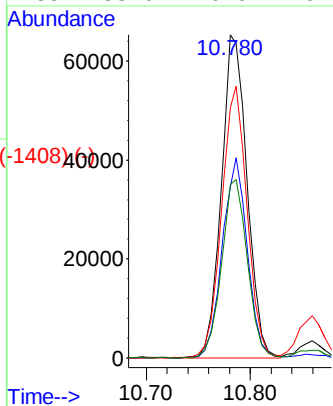
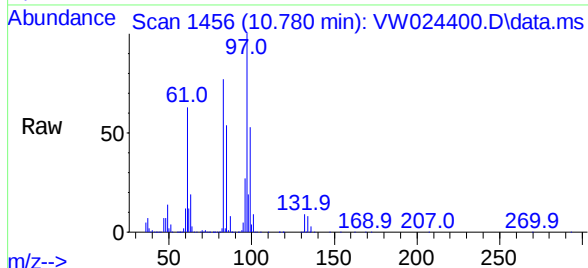




Scan 1457 (10.786 min): VW024394.D\data.ms (-1445) (-)
 1,1,2-Trichloroethane
 Concen: 23.223 ug/L
 RT: 10.780 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

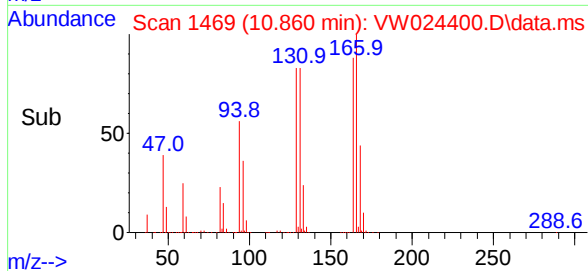
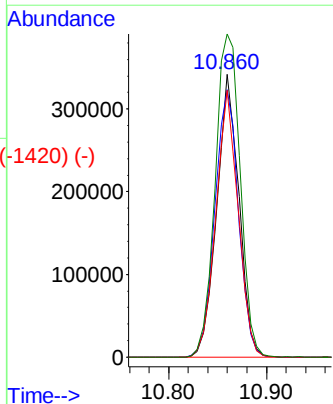
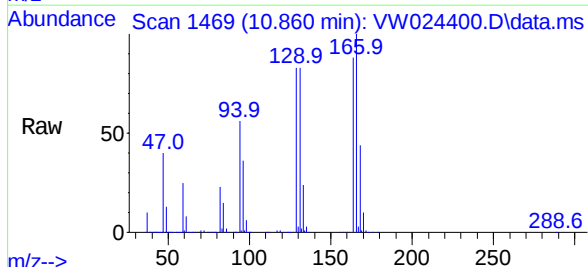
Instrument : MSVOA_W
 ClientSampleId :

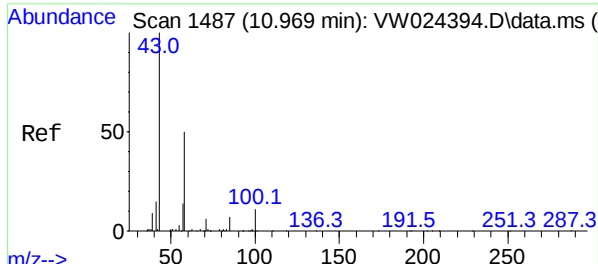
Tgt Ion:	97	Resp:	112783
Ion	Ratio	Lower	Upper
97	100		
99	52.9	40.4	75.0
83	77.4	60.1	111.5
85	53.6	40.9	76.0



Scan 1469 (10.859 min): VW024394.D\data.ms (-1462) (-)
 Tetrachloroethene
 Concen: 113.753 ug/L
 RT: 10.860 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

Tgt Ion:	164	Resp:	537342
Ion	Ratio	Lower	Upper
164	100		
129	94.4	72.9	135.3
131	94.3	63.7	118.3
166	114.2	86.2	160.0

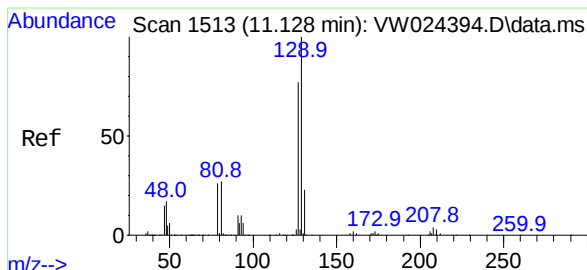
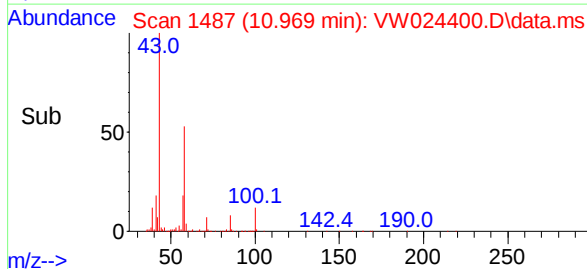
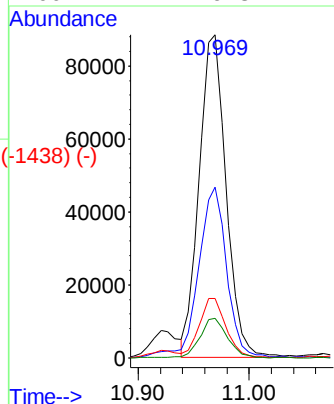
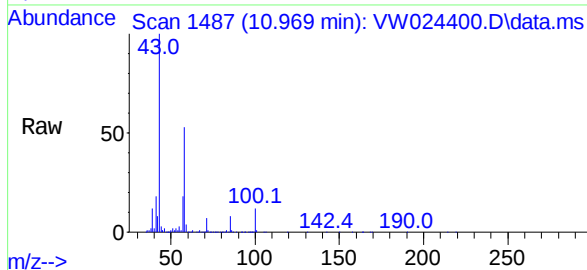




2-Hexanone
Concen: 47.830 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

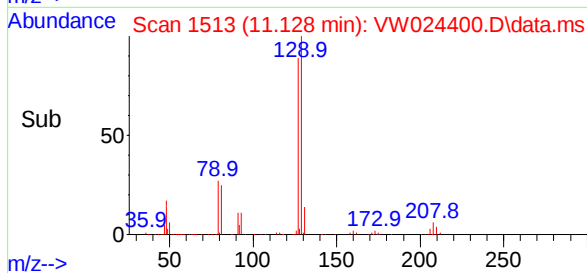
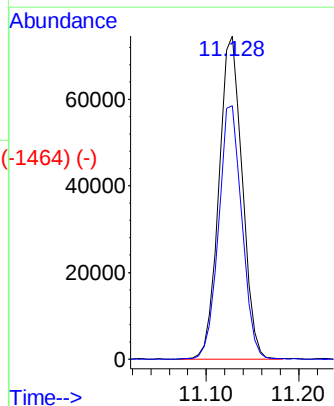
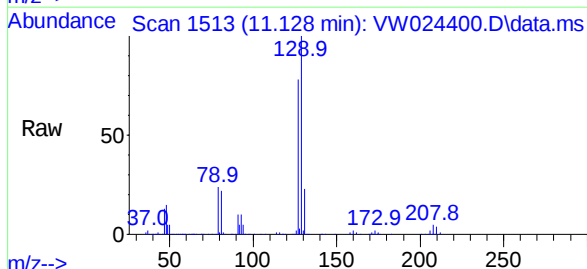
Instrument :
MSVOA_W
ClientSampleId :

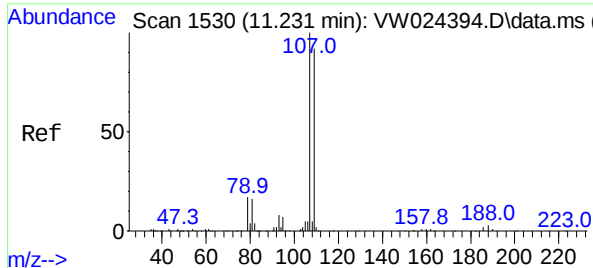
Tgt Ion:	43	Resp:	149407
Ion	Ratio	Lower	Upper
43	100		
58	53.1	40.6	61.0
57	18.5	14.2	21.2
100	12.4	9.8	14.6



Dibromochloromethane
Concen: 22.780 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

Tgt Ion:	129	Resp:	130849
Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.6	101.4





1,2-Dibromoethane

Concen: 23.423 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Instrument :

MSVOA_W

ClientSampleId :

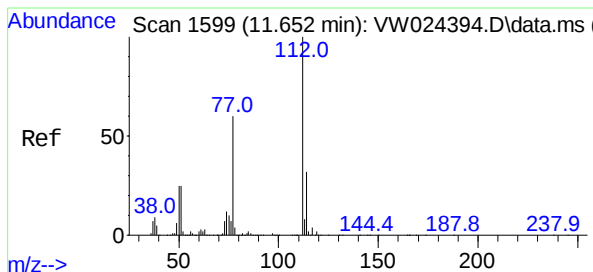
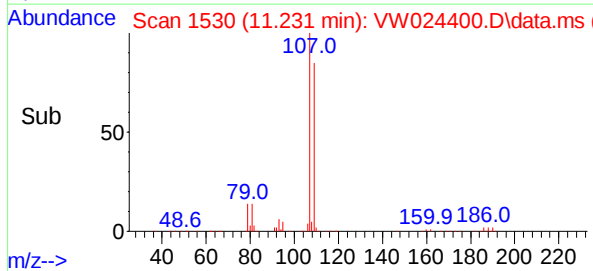
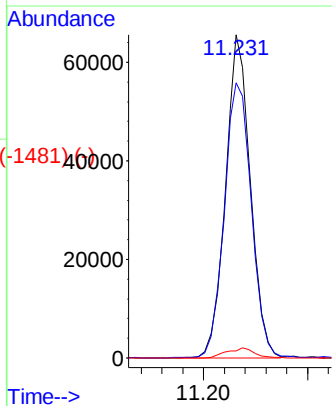
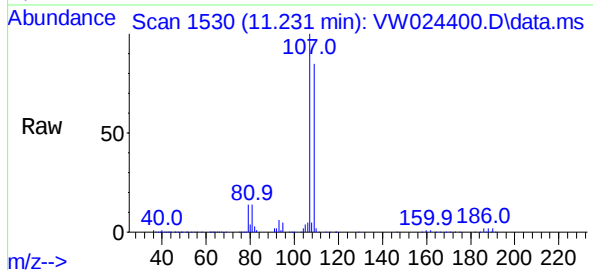
Tgt Ion:107 Resp: 109365

Ion Ratio Lower Upper

107 100

109 85.1 70.1 130.1

188 2.2 2.6 3.8#



Chlorobenzene

Concen: 22.135 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

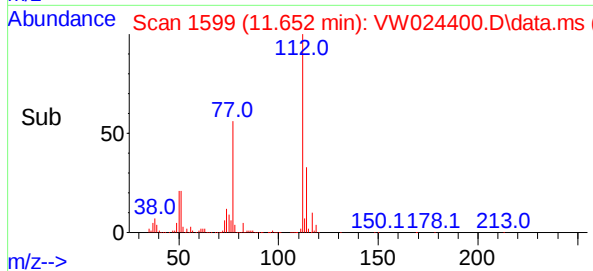
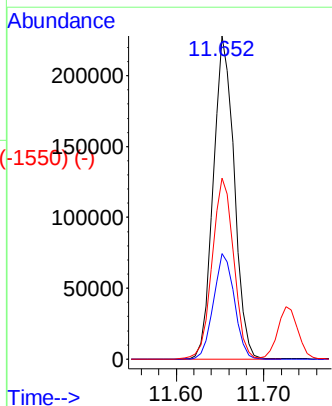
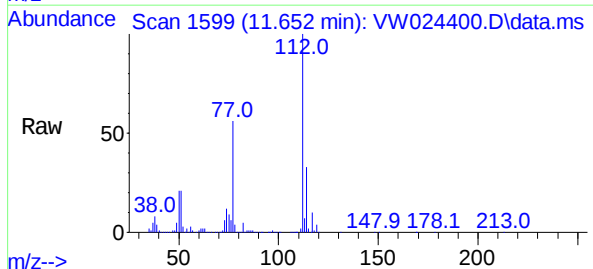
Tgt Ion:112 Resp: 378379

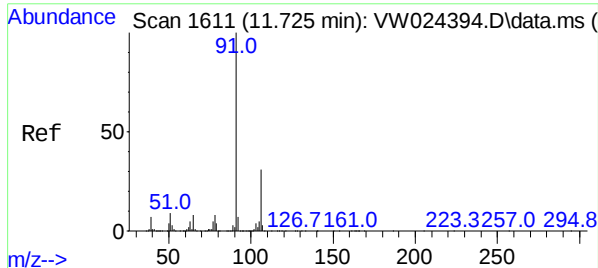
Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.3

77 56.1 44.1 66.1

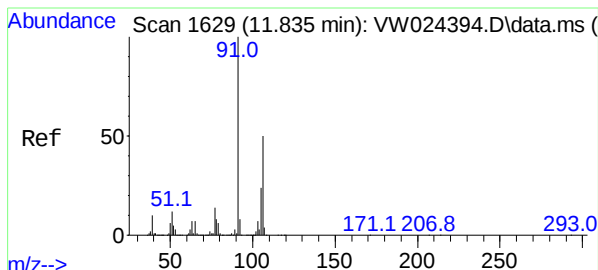
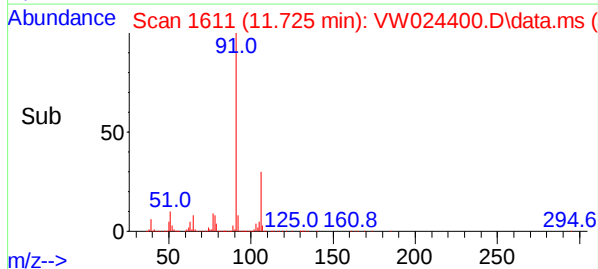
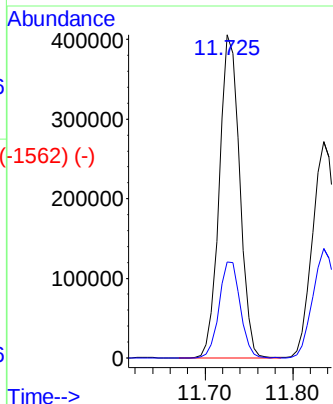
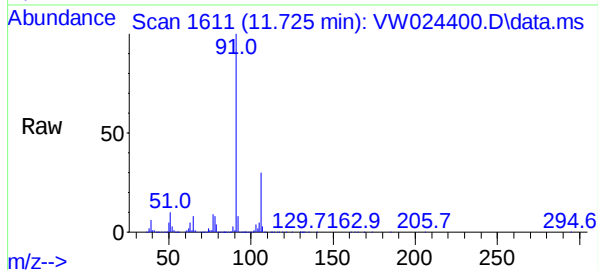




Ethylbenzene
Concen: 23.310 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

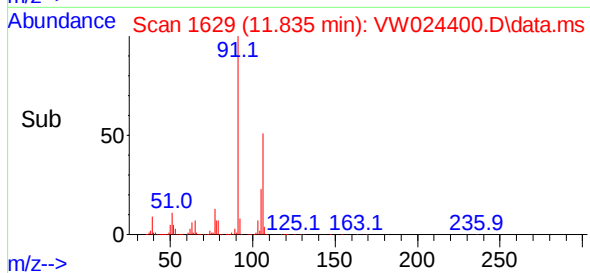
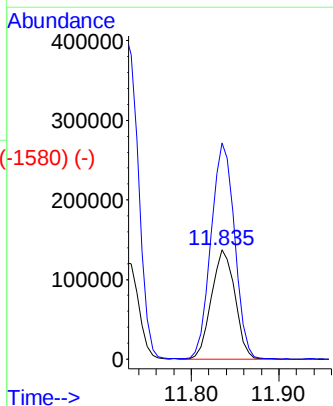
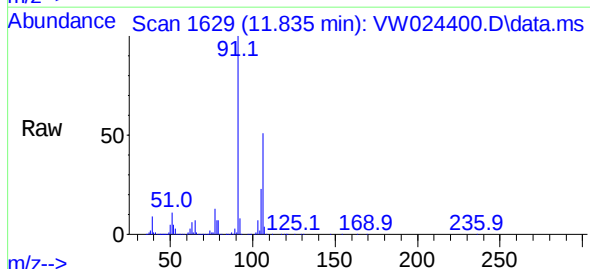
Instrument :
MSVOA_W
ClientSampleId :

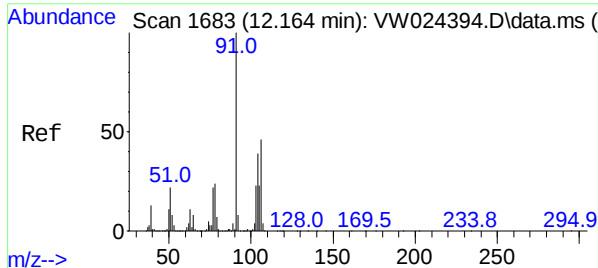
Tgt Ion: 91 Resp: 656329
Ion Ratio Lower Upper
91 100
106 29.8 22.7 42.3



m,p-Xylene
Concen: 23.258 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

Tgt Ion:106 Resp: 257188
Ion Ratio Lower Upper
106 100
91 197.3 144.3 267.9

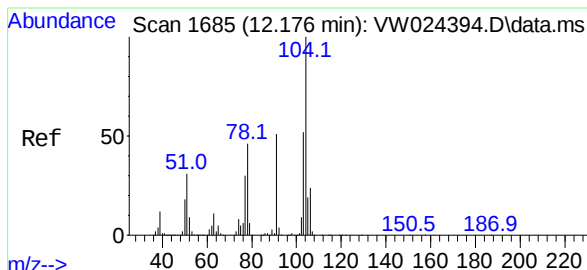
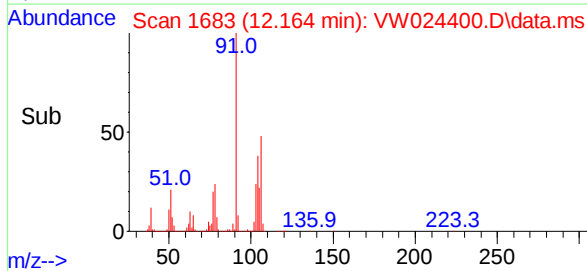
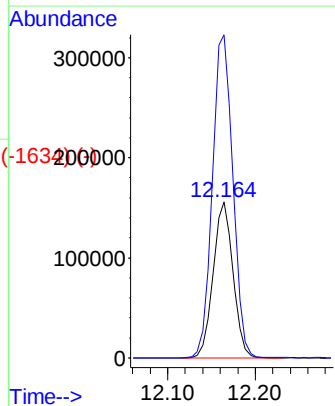
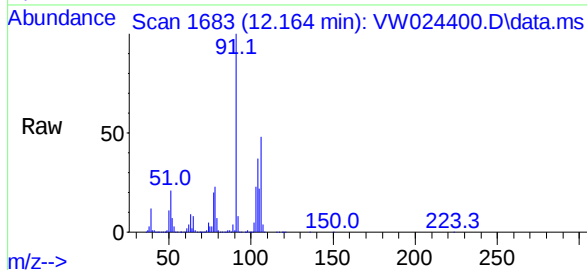




o-Xylene
Concen: 23.709 ug/L
RT: 12.164 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

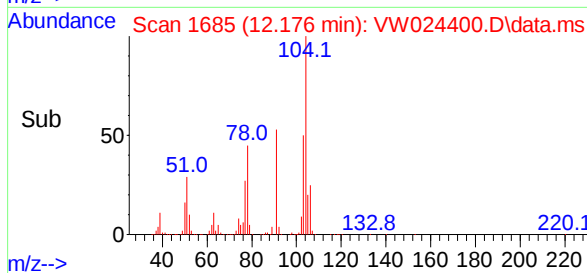
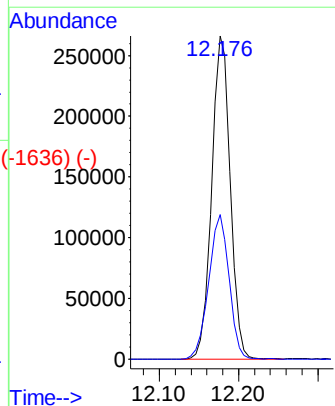
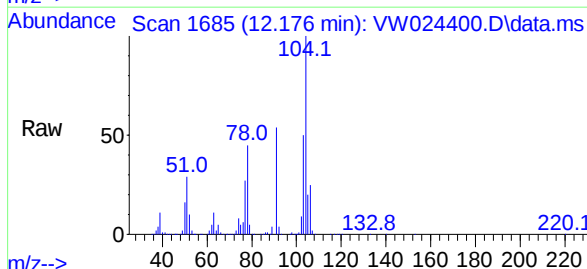
Instrument :
MSVOA_W
ClientSampleId :

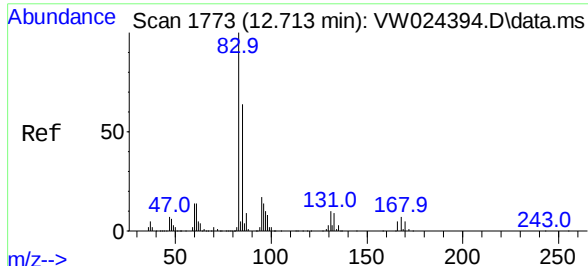
Tgt Ion:106 Resp: 245080
Ion Ratio Lower Upper
106 100
91 206.6 152.1 282.5



Styrene
Concen: 23.694 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

Tgt Ion:104 Resp: 432951
Ion Ratio Lower Upper
104 100
78 44.7 32.0 59.4

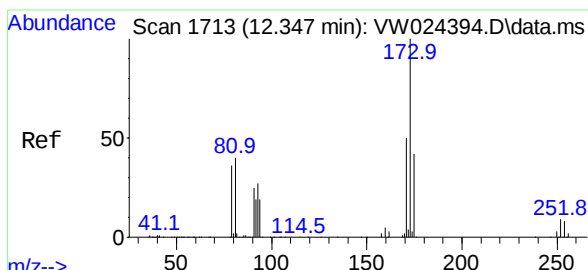
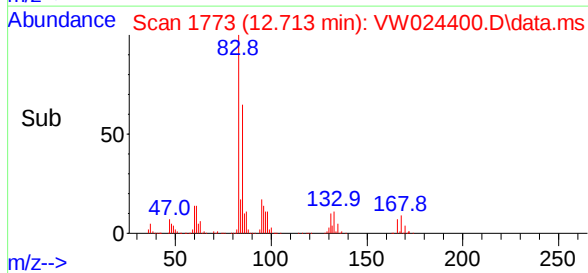
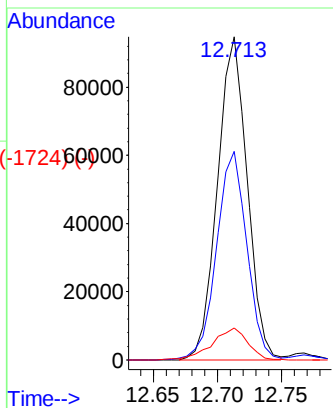
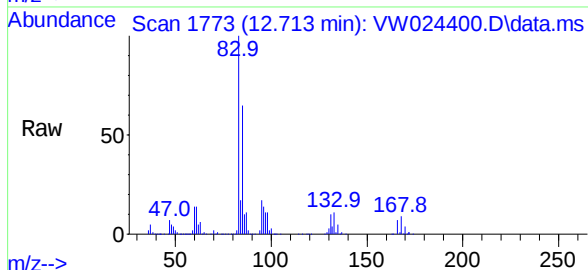




1,1,2,2-Tetrachloroethane
 Concen: 22.492 ug/L
 RT: 12.713 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

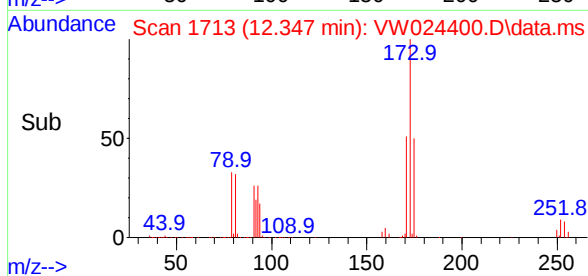
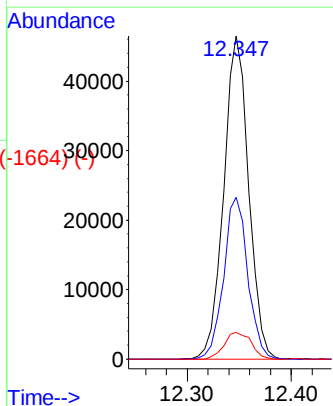
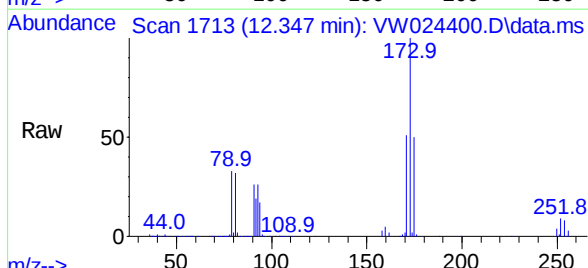
Instrument :
 MSVOA_W
 ClientSampleId :

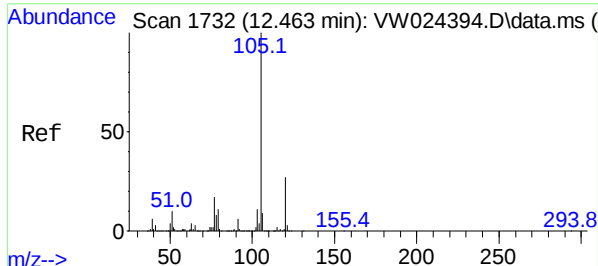
Tgt Ion:	83	Resp:	152467
Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.4	82.5
131	9.9	8.4	12.6



Bromoform
 Concen: 23.672 ug/L
 RT: 12.347 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

Tgt Ion:	173	Resp:	77908
Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.8	59.6
254	9.0	6.8	10.2





Isopropylbenzene

Concen: 24.452 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Instrument :

MSVOA_W

ClientSampleId :

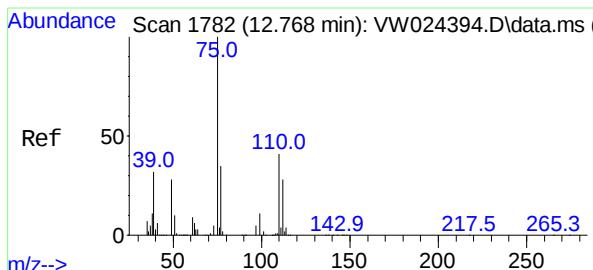
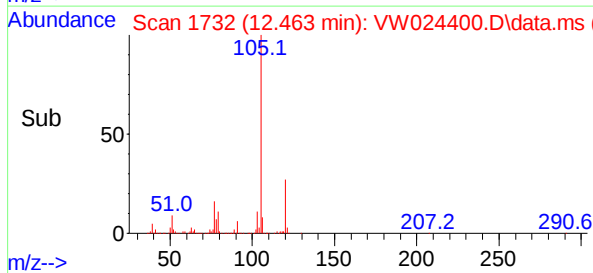
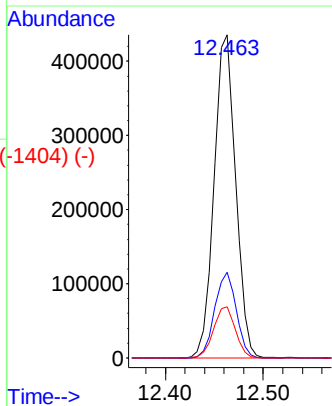
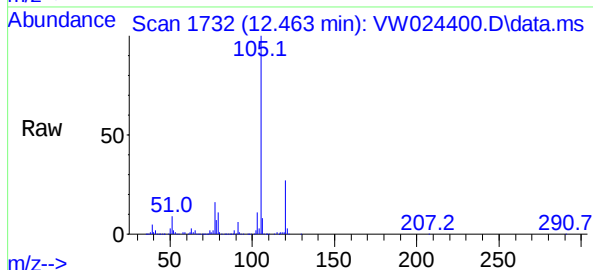
Tgt Ion:105 Resp: 666043

Ion Ratio Lower Upper

105 100

120 26.5 21.4 32.0

77 16.0 13.0 19.6



1,2,3-Trichloropropane

Concen: 23.661 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

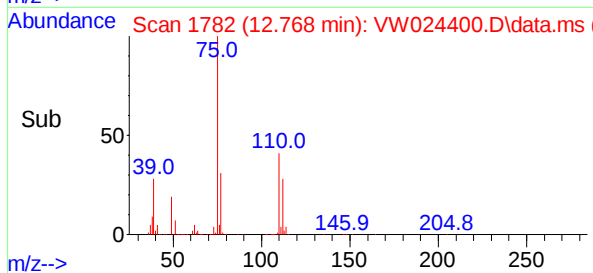
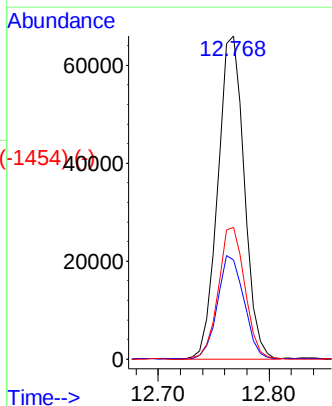
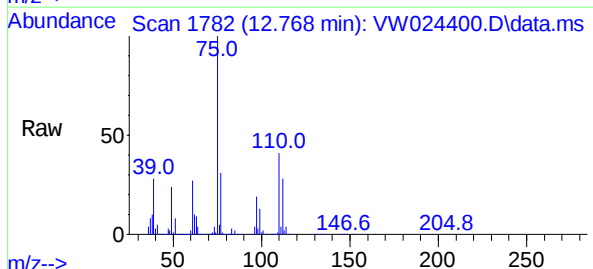
Tgt Ion: 75 Resp: 109734

Ion Ratio Lower Upper

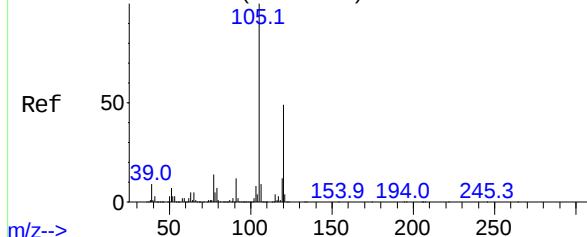
75 100

77 31.9 26.5 39.7

110 40.9 33.8 50.8



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

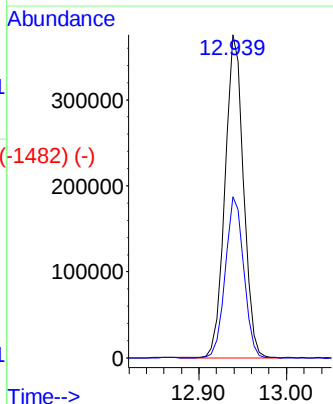
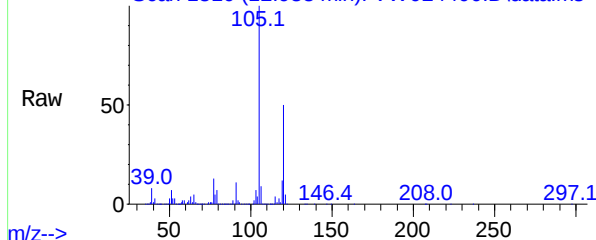


1,3,5-Trimethylbenzene
Concen: 25.061 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

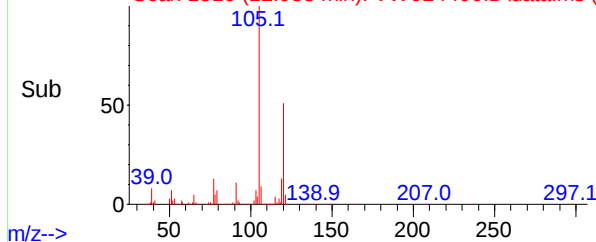
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 550420
Ion Ratio Lower Upper
105 100
120 49.8 38.4 57.6

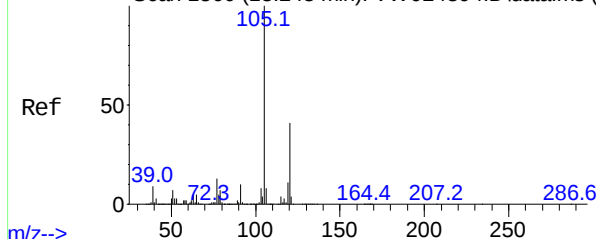
Abundance Scan 1810 (12.938 min): VW024400.D\data.ms



Abundance Scan 1810 (12.938 min): VW024400.D\data.ms (-1482) (-)



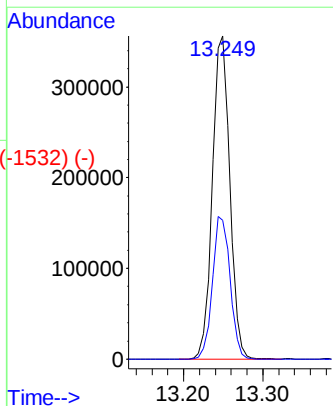
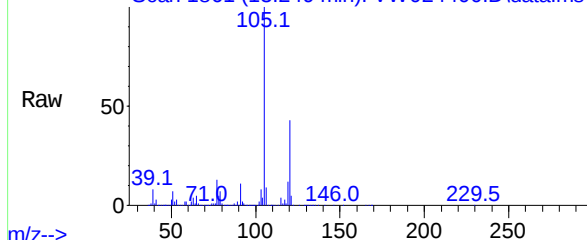
Abundance Scan 1860 (13.243 min): VW024394.D\data.ms (-1053) (-)



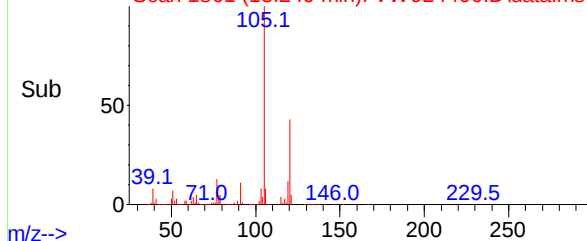
1,2,4-Trimethylbenzene
Concen: 25.600 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

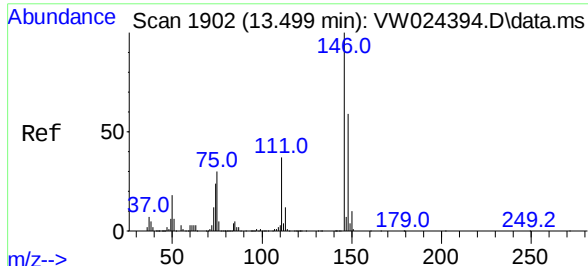
Tgt Ion:105 Resp: 546138
Ion Ratio Lower Upper
105 100
120 44.6 36.2 54.2

Abundance Scan 1861 (13.249 min): VW024400.D\data.ms



Abundance Scan 1861 (13.249 min): VW024400.D\data.ms (-1532) (-)

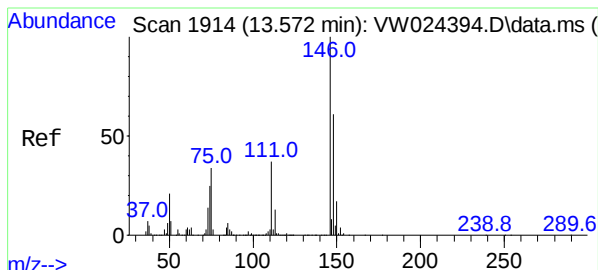
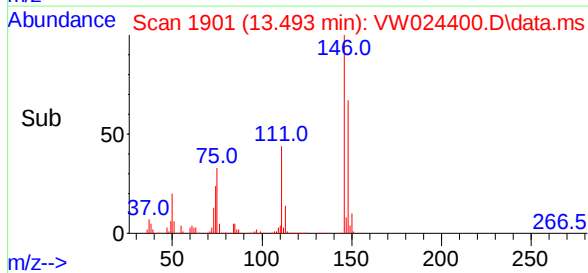
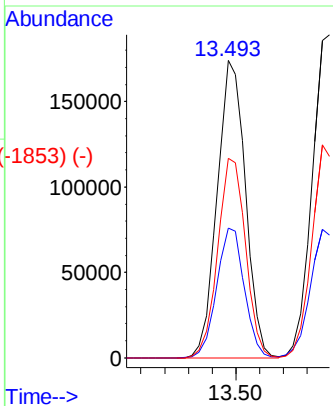
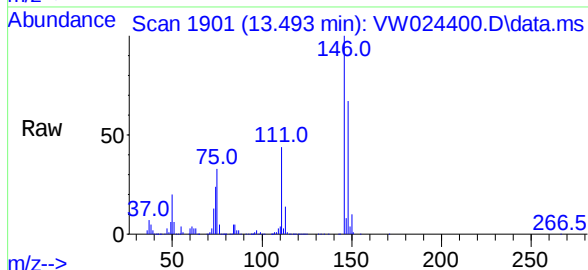




Scan 1902 (13.499 min): VW024394.D\data.ms (-1854) (-)
 1,3-Dichlorobenzene
 Concen: 22.068 ug/L
 RT: 13.493 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

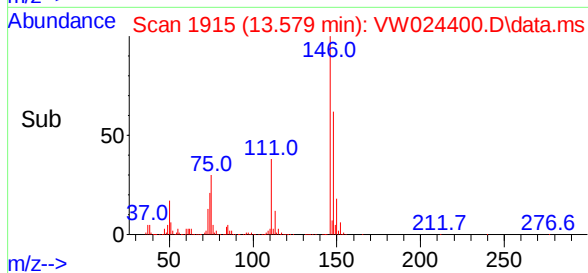
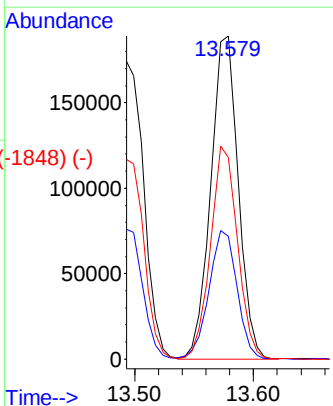
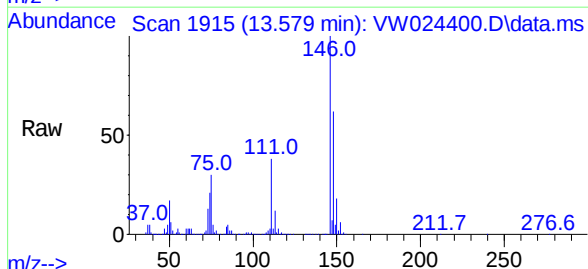
Instrument :
 MSVOA_W
 ClientSampleId :

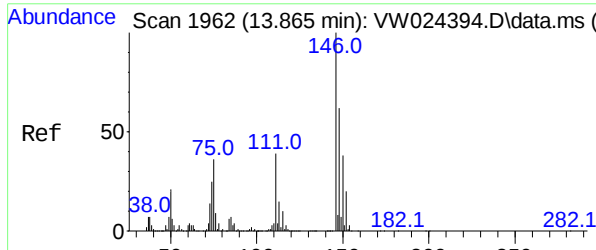
Tgt Ion:	146	Resp:	287393
Ion	Ratio	Lower	Upper
146	100		
111	43.6	27.0	50.2
148	67.2	44.9	83.3



Scan 1914 (13.572 min): VW024394.D\data.ms (-1855) (-)
 1,4-Dichlorobenzene
 Concen: 22.114 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.006 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

Tgt Ion:	146	Resp:	304063
Ion	Ratio	Lower	Upper
146	100		
111	38.0	27.7	51.5
148	62.4	46.5	86.5

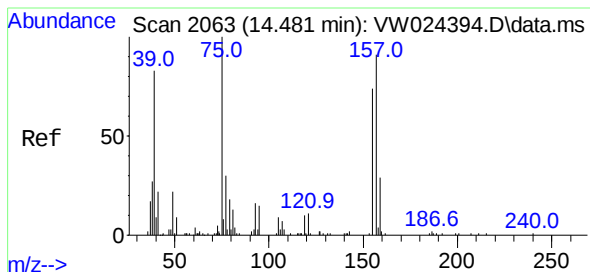
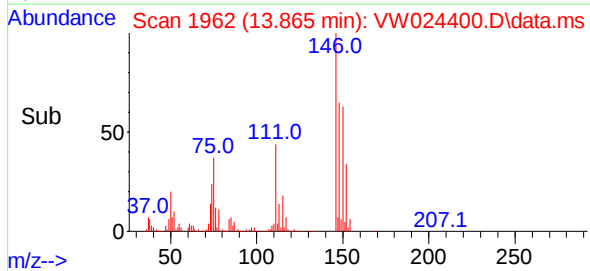
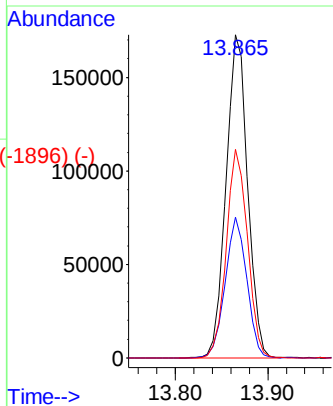
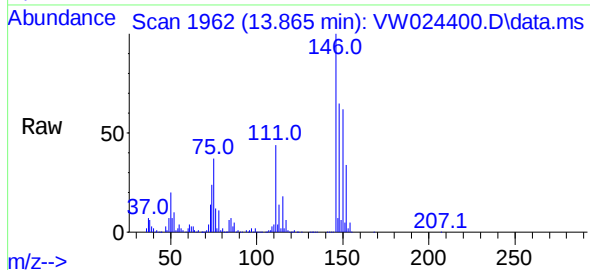




1,2-Dichlorobenzene
 Concen: 22.987 ug/L
 RT: 13.865 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

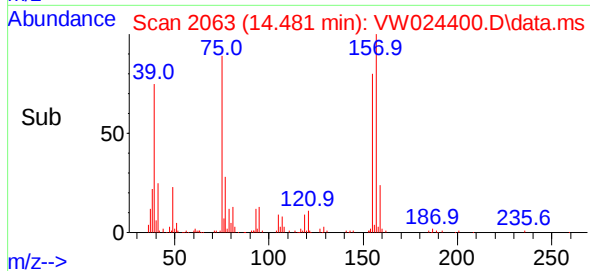
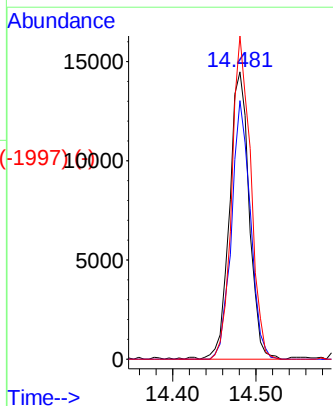
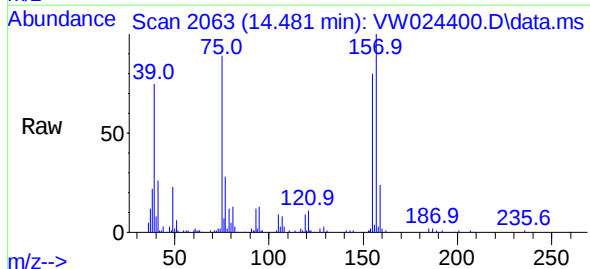
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	146	Resp:	280626
Ion	Ratio	Lower	Upper
146	100		
111	43.5	34.5	51.7
148	64.6	50.6	75.8

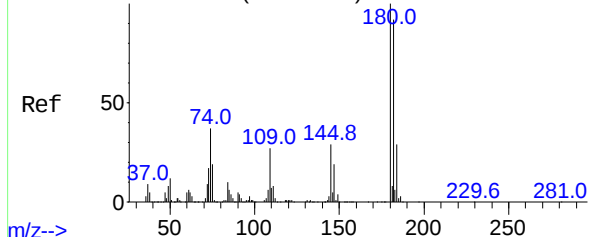


1,2-Dibromo-3-chloropropane
 Concen: 20.698 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

Tgt Ion:	75	Resp:	24117
Ion	Ratio	Lower	Upper
75	100		
155	90.0	63.9	95.9
157	112.4	72.2	108.4#



Abundance Scan 2087 (14.627 min): VW024394.D\data.ms (-2089) (-)

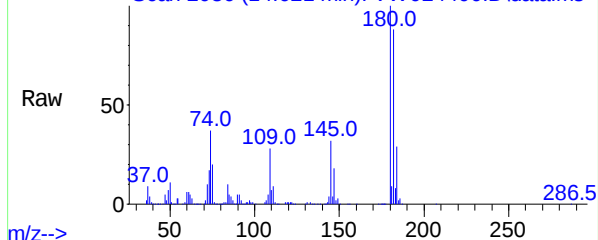


1,3,5-Trichlorobenzene
Concen: 21.682 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

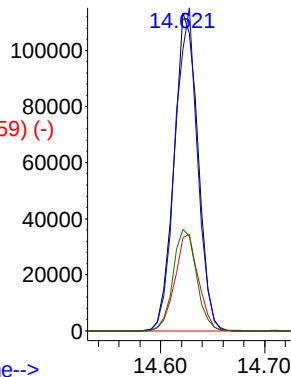
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	180	Resp:	182258
Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.6	114.8
184	30.1	24.5	36.7
145	31.3	25.9	38.9

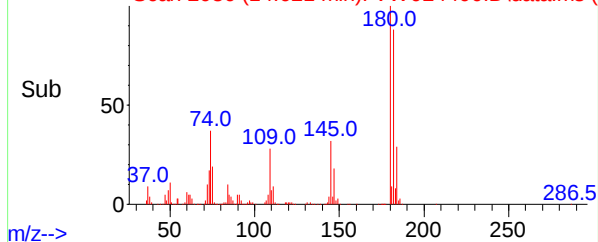
Abundance Scan 2086 (14.621 min): VW024400.D\data.ms



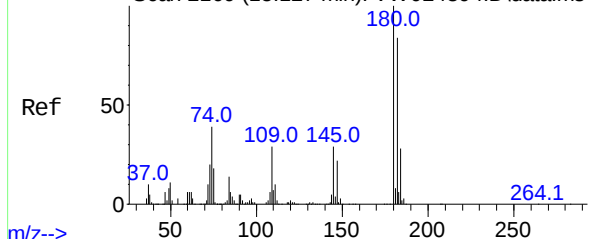
Abundance



Abundance Scan 2086 (14.621 min): VW024400.D\data.ms (-1759) (-)



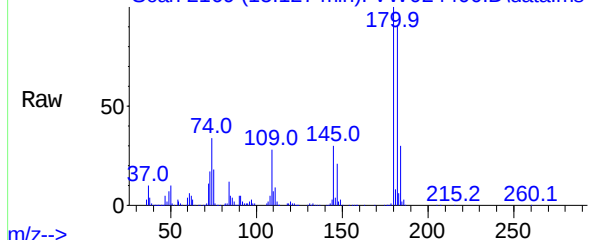
Abundance Scan 2169 (15.127 min): VW024394.D\data.ms (-2170) (-)



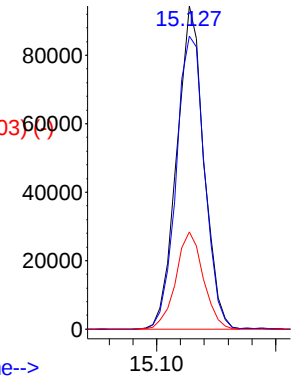
1,2,4-trichlorobenzene
Concen: 22.864 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

Tgt Ion:	180	Resp:	149402
Ion	Ratio	Lower	Upper
180	100		
182	95.0	72.6	109.0
145	30.5	26.2	39.2

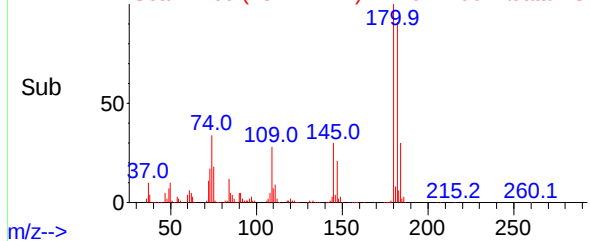
Abundance Scan 2169 (15.127 min): VW024400.D\data.ms

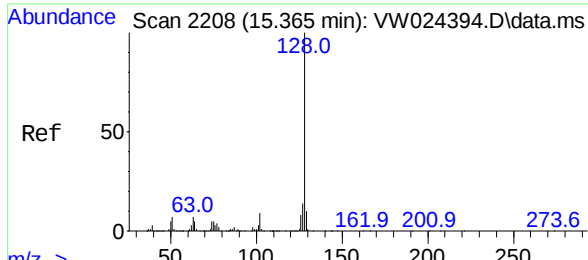


Abundance



Abundance Scan 2169 (15.127 min): VW024400.D\data.ms (-2103) (-)

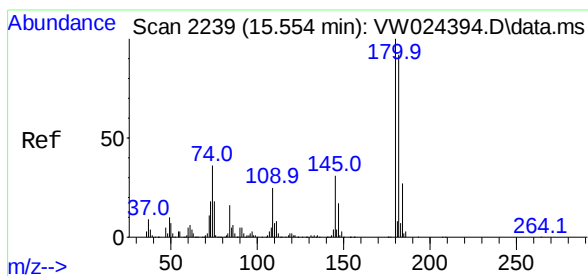
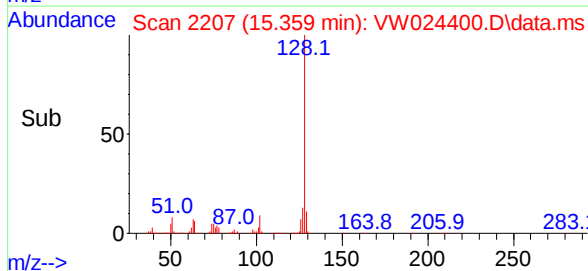
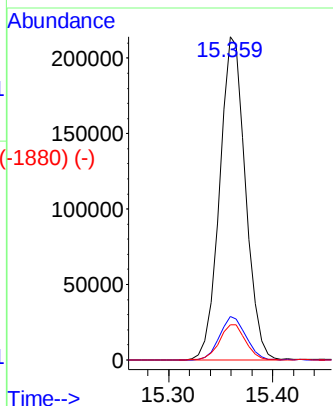
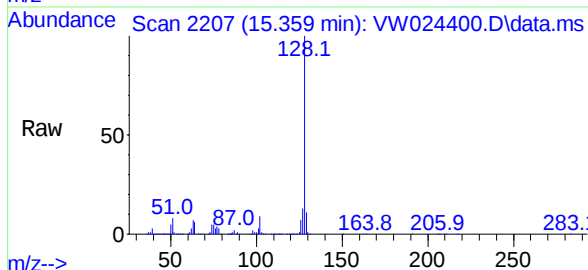




Naphthalene
 Concen: 25.952 ug/L
 RT: 15.359 min Scan# 2108
 Delta R.T. -0.006 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	372426
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.0	8.3	12.5



1,2,3-Trichlorobenzene
 Concen: 21.549 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

Tgt Ion:	180	Resp:	133078
Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.6	111.8
145	33.7	26.6	40.0

