

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100622\
 Data File : VW024755.D
 Acq On : 06 Oct 2022 13:30
 Operator : SY/VA
 Sample : N4991-07RE
 Misc : 4.50g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BF9RE

Quant Time: Oct 07 03:06:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 07 03:04:02 2022
 Response via : Initial Calibration

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

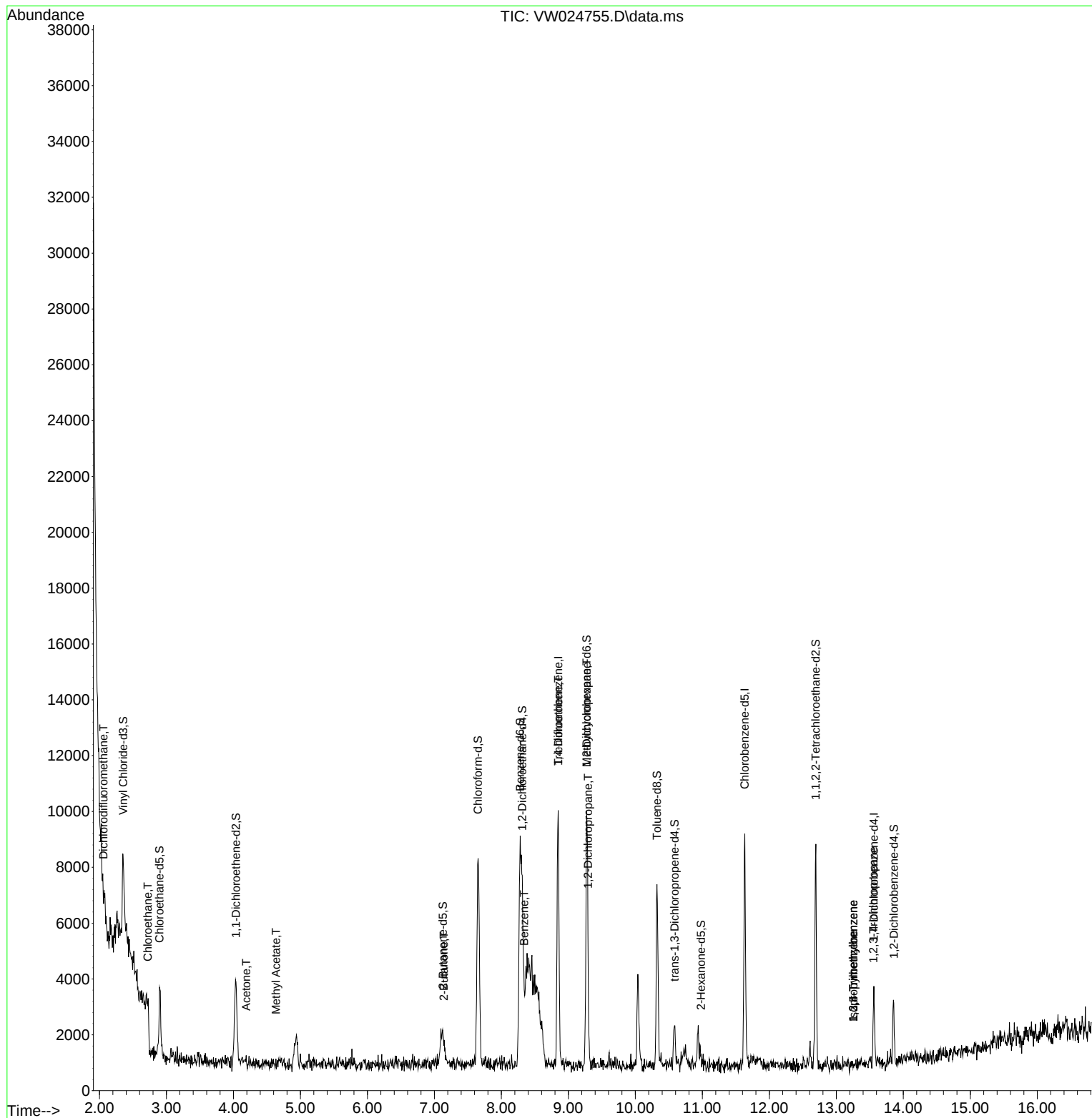
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	7500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	4965	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	692	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	2236	28.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.000%	
7) Chloroethane-d5	2.897	69	2800	61.404	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 245.600%#	
11) 1,1-Dichloroethene-d2	4.037	63	2938	16.177	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	= 64.720%	
21) 2-Butanone-d5	7.128	46	631	22.366	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	= 44.740%	
24) Chloroform-d	7.653	84	7726	38.533	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 154.120%#	
26) 1,2-Dichloroethane-d4	8.311	65	4284	41.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 164.760%#	
32) Benzene-d6	8.281	84	8390	26.438	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.760%	
36) 1,2-Dichloropropane-d6	9.274	67	4412	45.503	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 182.000%#	
41) Toluene-d8	10.323	98	4698	16.564	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 66.240%	
43) trans-1,3-Dichloroprop...	10.585	79	1054	24.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 97.640%	
47) 2-Hexanone-d5	10.981	63	24	1.447	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	= 2.900%#	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	3729	53.976	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 215.920%#	
66) 1,2-Dichlorobenzene-d4	13.859	152	601	24.681	ug/L	0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.062	85	46	0.999	ug/L #	39
8) Chloroethane	2.721	64	69	1.775	ug/L #	42
13) Acetone	4.190	43	62	3.012	ug/L	43
15) Methyl Acetate	4.635	43	69	1.514	ug/L #	53
22) 2-Butanone	7.141	43	91	2.764	ug/L #	47
33) Benzene	8.342	78	1181	3.398	ug/L	100
34) Trichloroethene	8.848	95	251	2.850	ug/L #	7
35) Methylcyclohexane	9.274	83	1100	6.813	ug/L #	17
37) 1,2-Dichloropropane	9.293	63	91	1.061	ug/L #	86
60) Isopropylbenzene	13.255	105	61	0.541	ug/L #	54
61) 1,2,3-Trichloropropane	13.554	75	44	2.952	ug/L #	40
62) 1,3,5-Trimethylbenzene	13.255	105	61	0.622	ug/L #	29
63) 1,2,4-Trimethylbenzene	13.255	105	61	0.635	ug/L #	32

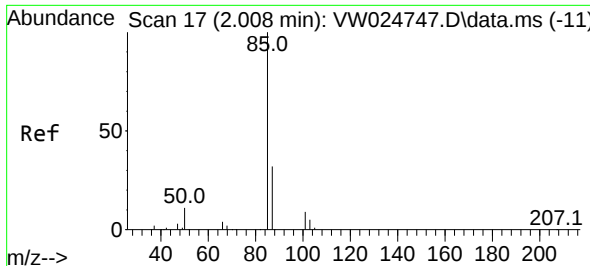
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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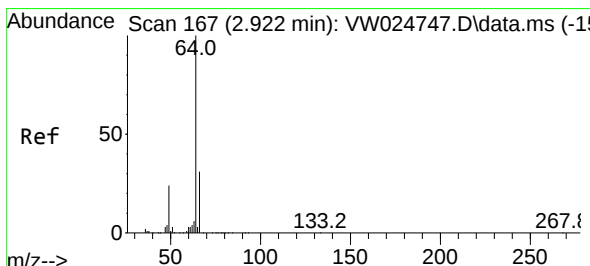
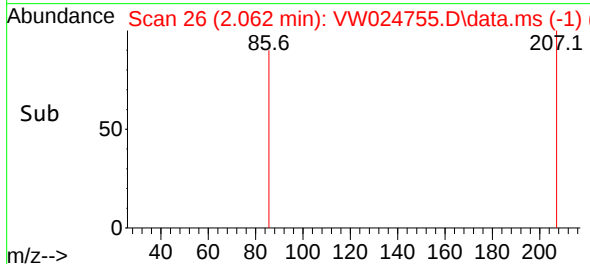
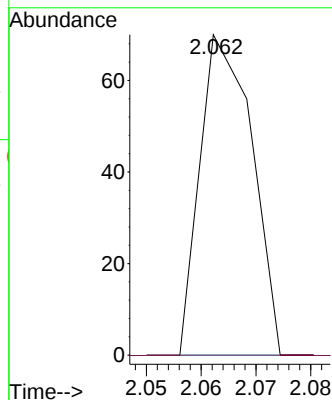
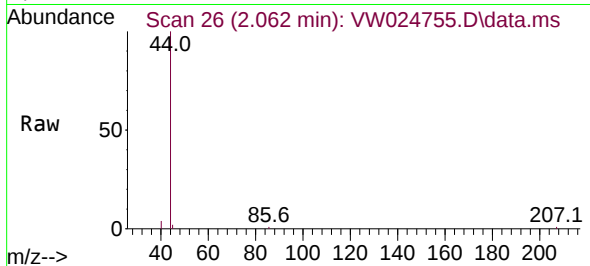




#2
 Dichlorodifluoromethane
 Concen: 0.999 ug/L
 RT: 2.062 min Scan# 20
 Delta R.T. 0.055 min
 Lab File: VW024755.D
 Acq: 06 Oct 2022 13:30

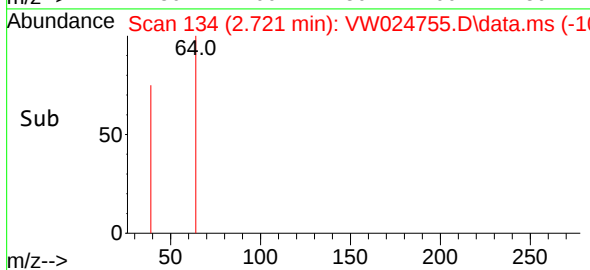
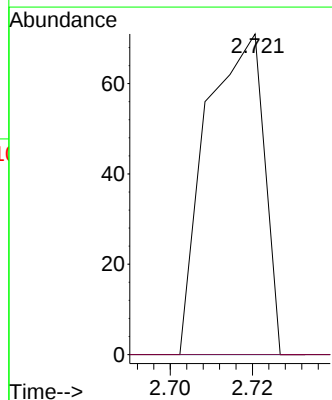
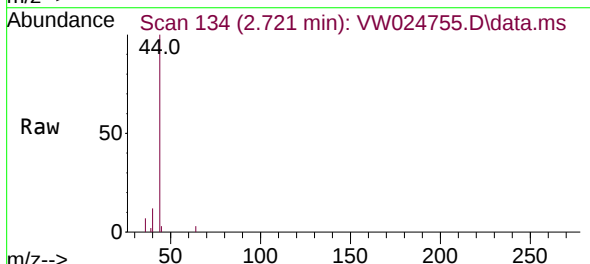
Instrument :
 MSVOA_W
 ClientSampleId :
 C0BF9RE

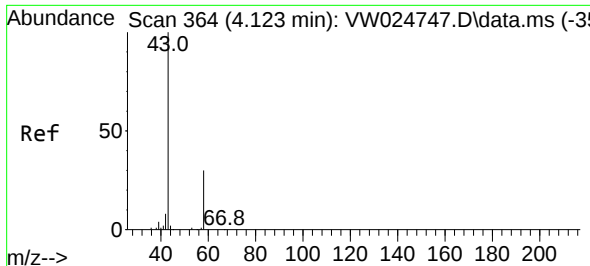
Tgt Ion: 85 Resp: 46
 Ion Ratio Lower Upper
 85 100
 87 0.0 28.8 43.2#



#8
 Chloroethane
 Concen: 1.775 ug/L
 RT: 2.721 min Scan# 134
 Delta R.T. -0.201 min
 Lab File: VW024755.D
 Acq: 06 Oct 2022 13:30

Tgt Ion: 64 Resp: 69
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.5 41.9#

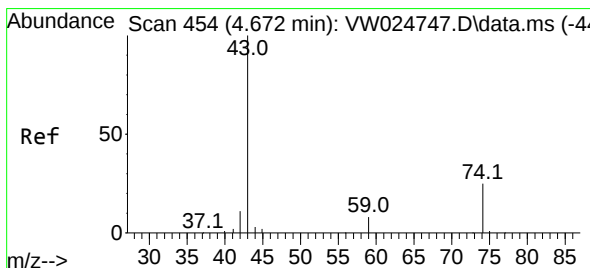
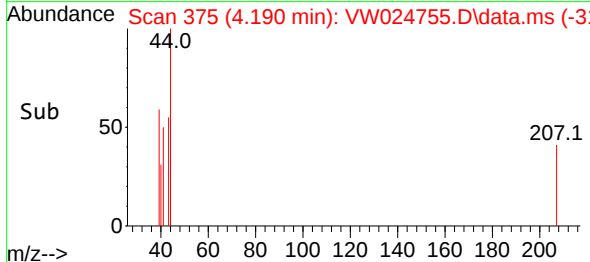
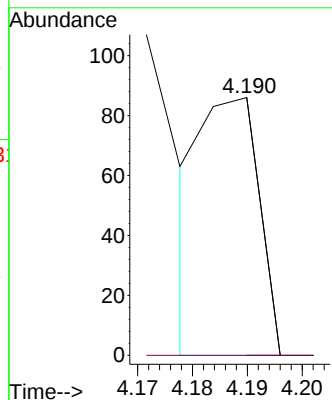
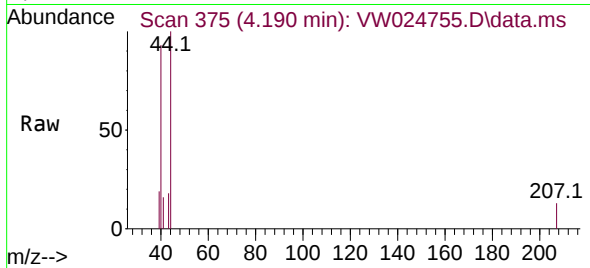




#13
Acetone
Concen: 3.012 ug/L
RT: 4.190 min Scan# 31
Delta R.T. 0.067 min
Lab File: VW024755.D
Acq: 06 Oct 2022 13:30

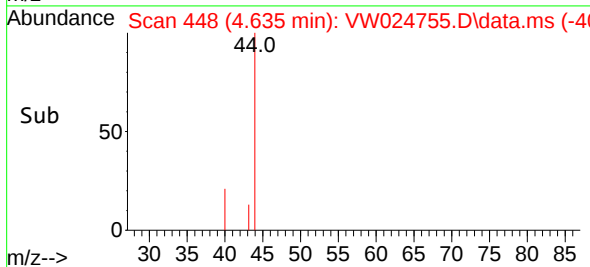
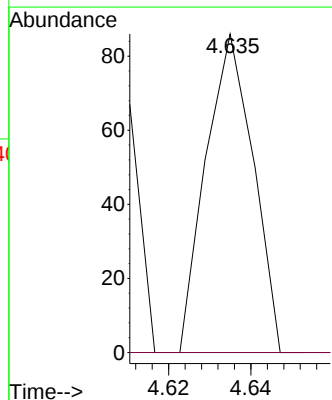
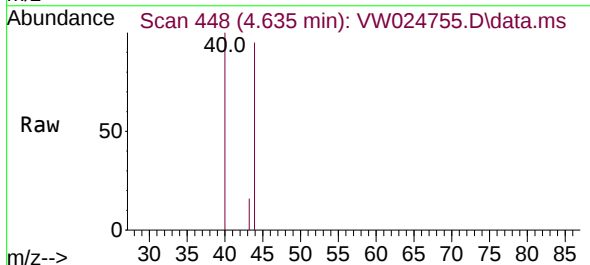
Instrument :
MSVOA_W
ClientSampleId :
C0BF9RE

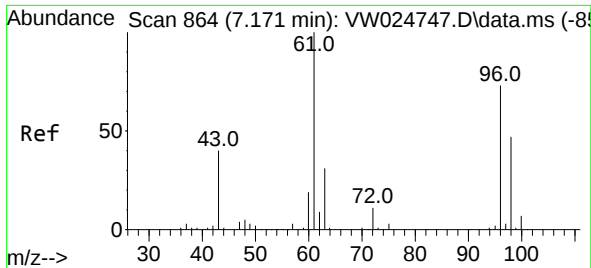
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 66.1 0.0 67.6



#15
Methyl Acetate
Concen: 1.514 ug/L
RT: 4.635 min Scan# 448
Delta R.T. -0.037 min
Lab File: VW024755.D
Acq: 06 Oct 2022 13:30

Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#

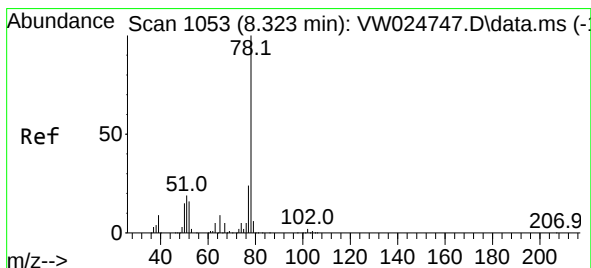
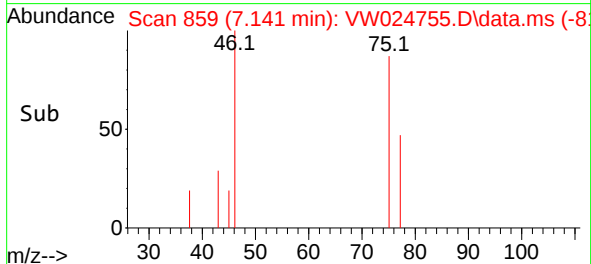
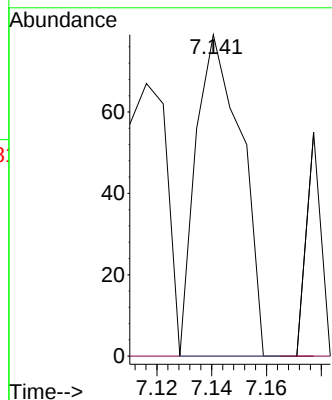
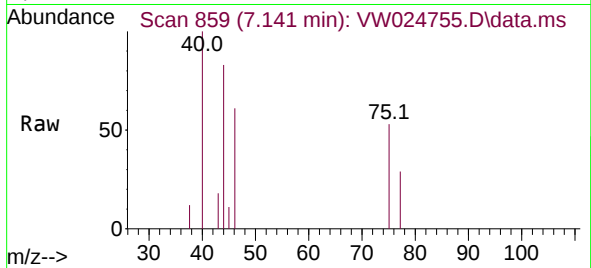




#22
2-Butanone
Concen: 2.764 ug/L
RT: 7.141 min Scan# 81
Delta R.T. -0.031 min
Lab File: VW024755.D
Acq: 06 Oct 2022 13:30

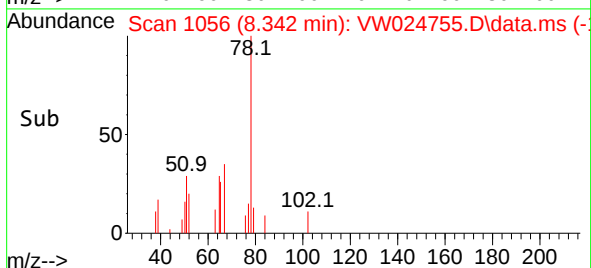
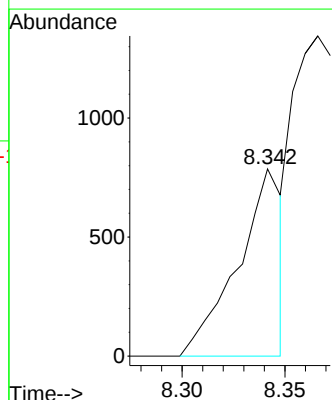
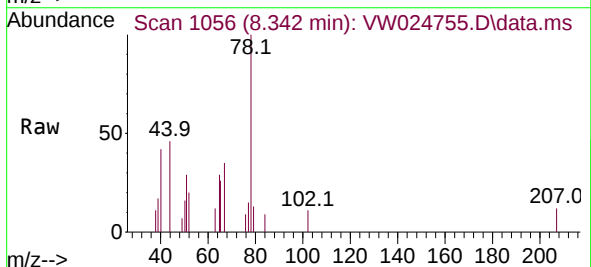
Instrument :
MSVOA_W
ClientSampleId :
C0BF9RE

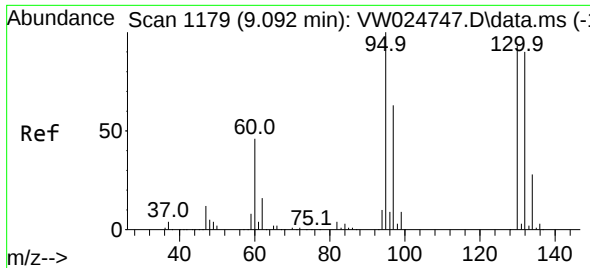
Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
72 0.0 13.8 41.3#



#33
Benzene
Concen: 3.398 ug/L
RT: 8.342 min Scan# 1056
Delta R.T. 0.018 min
Lab File: VW024755.D
Acq: 06 Oct 2022 13:30

Tgt Ion: 78 Resp: 1181





#34

Trichloroethene

Concen: 2.850 ug/L

RT: 8.848 min Scan# 1179

Delta R.T. -0.244 min

Lab File: VW024755.D

Acq: 06 Oct 2022 13:30

Instrument :

MSVOA_W

ClientSampleId :

C0BF9RE

Tgt Ion: 95 Resp: 251

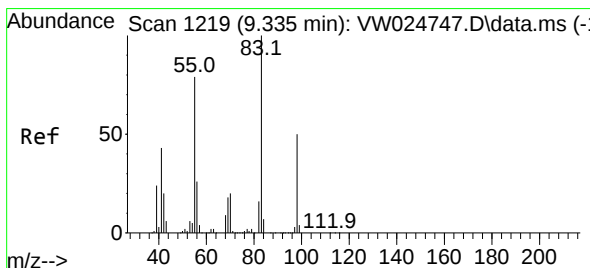
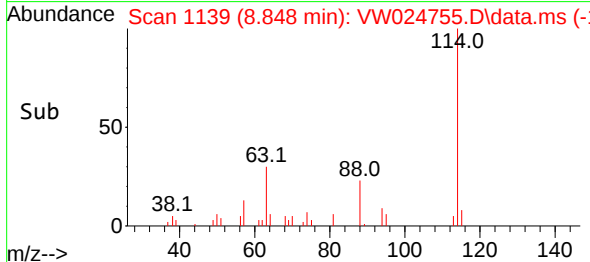
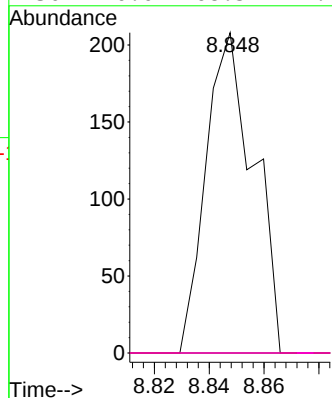
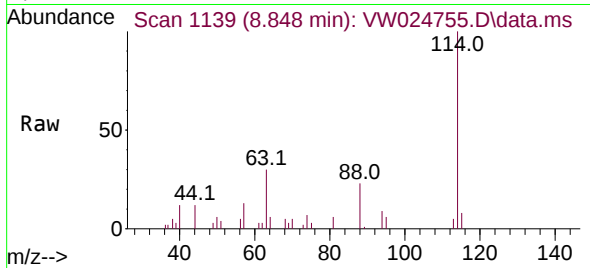
Ion Ratio Lower Upper

95 100

97 0.0 43.5 80.9#

132 0.0 61.2 113.8#

130 0.0 68.5 127.1#



#35

Methylcyclohexane

Concen: 6.813 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW024755.D

Acq: 06 Oct 2022 13:30

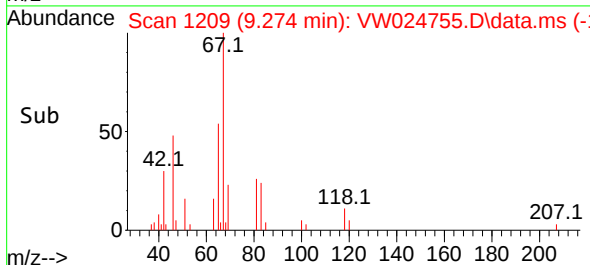
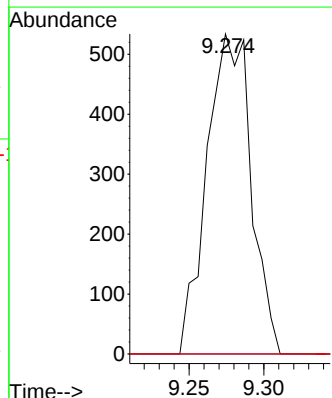
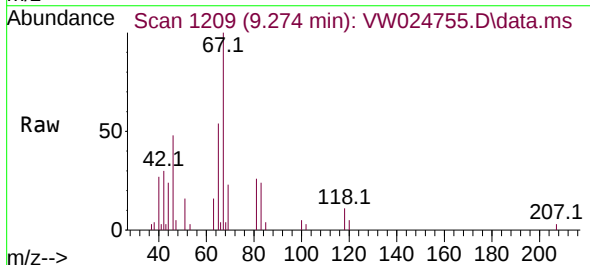
Tgt Ion: 83 Resp: 1100

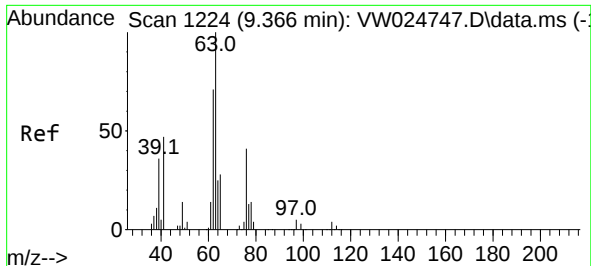
Ion Ratio Lower Upper

83 100

55 0.0 63.1 94.7#

98 0.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 1.061 ug/L

RT: 9.293 min Scan# 11

Delta R.T. -0.073 min

Lab File: VW024755.D

Acq: 06 Oct 2022 13:30

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ClientSampleId :

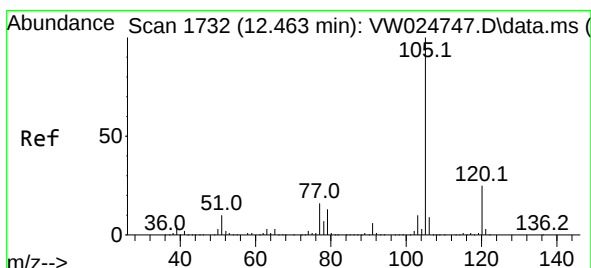
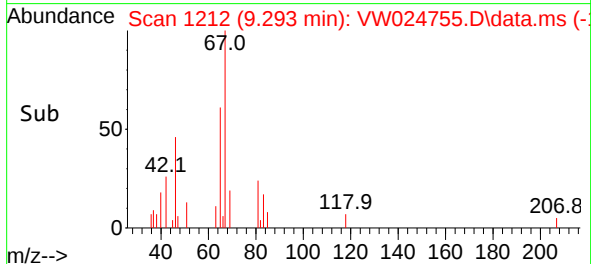
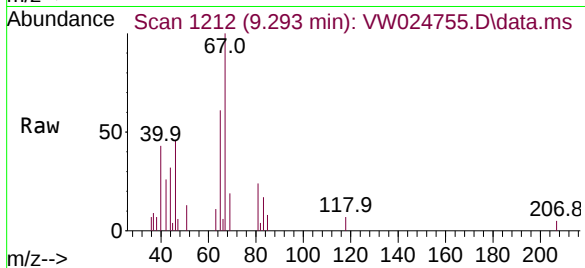
C0BF9RE

Tgt Ion: 63 Resp: 91

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#60

Isopropylbenzene

Concen: 0.541 ug/L

RT: 13.255 min Scan# 1862

Delta R.T. 0.792 min

Lab File: VW024755.D

Acq: 06 Oct 2022 13:30

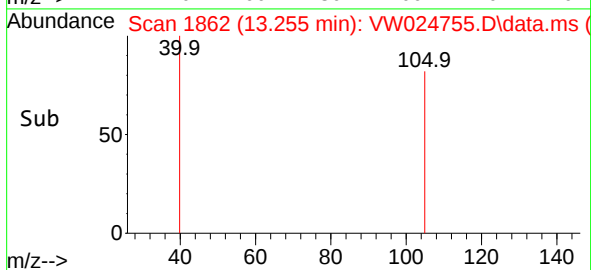
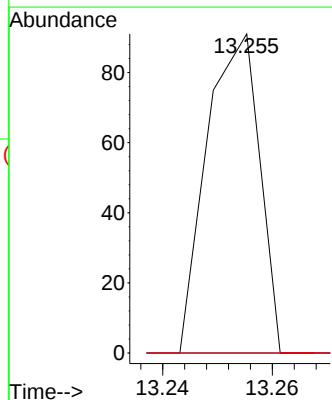
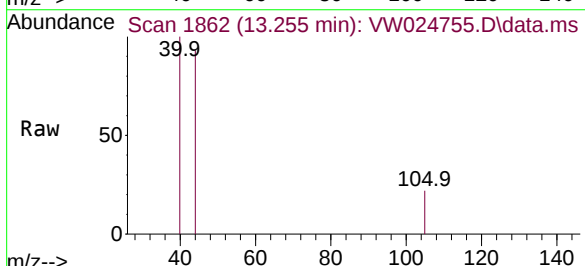
Tgt Ion: 105 Resp: 61

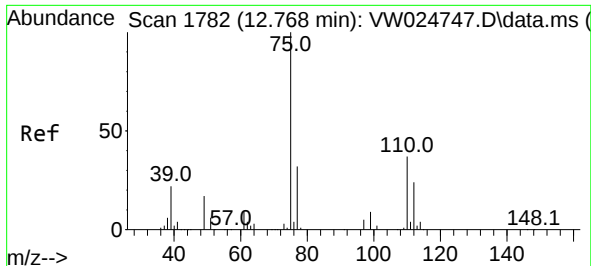
Ion Ratio Lower Upper

105 100

120 0.0 20.9 31.3#

77 0.0 12.7 19.1#





#61

1,2,3-Trichloropropane

Concen: 2.952 ug/L

RT: 13.554 min Scan# 1862

Delta R.T. 0.786 min

Lab File: VW024755.D

Acq: 06 Oct 2022 13:30

Instrument :

MSVOA_W

ClientSampleId :

C0BF9RE

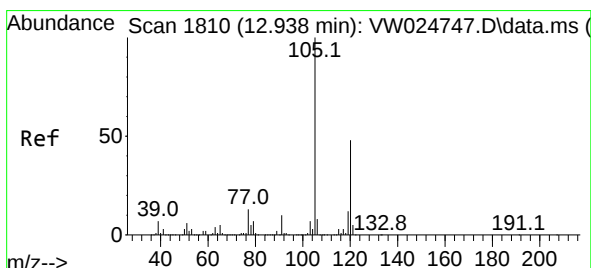
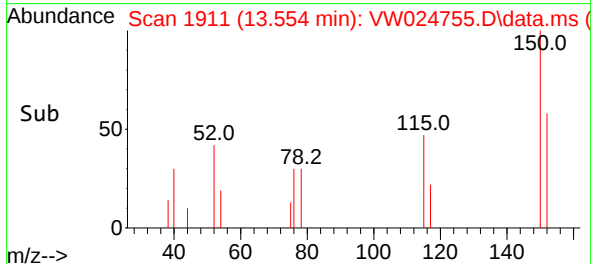
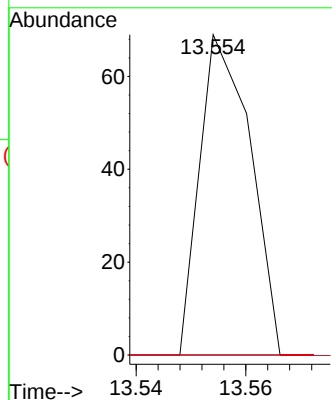
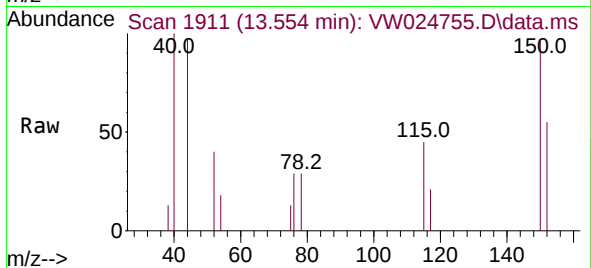
Tgt Ion: 75 Resp: 44

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

110 0.0 29.2 43.8#



#62

1,3,5-Trimethylbenzene

Concen: 0.622 ug/L

RT: 13.255 min Scan# 1862

Delta R.T. 0.317 min

Lab File: VW024755.D

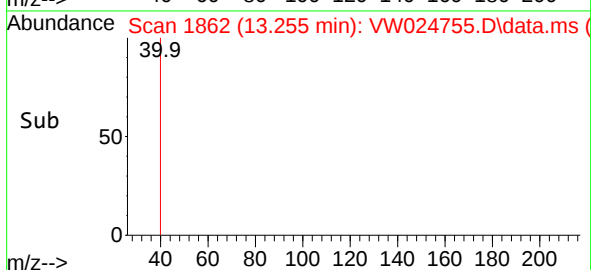
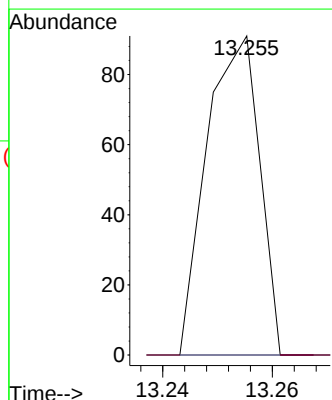
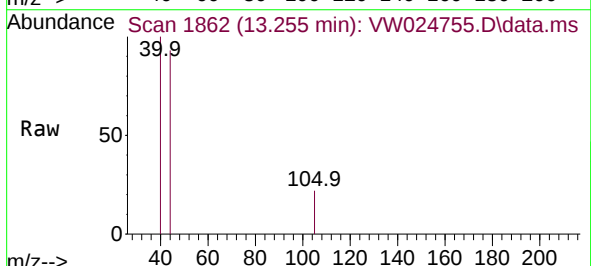
Acq: 06 Oct 2022 13:30

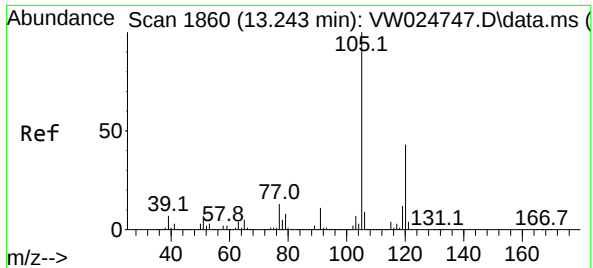
Tgt Ion:105 Resp: 61

Ion Ratio Lower Upper

105 100

120 0.0 38.8 58.2#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.635 ug/L
 RT: 13.255 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VW024755.D
 Acq: 06 Oct 2022 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BF9RE

Tgt Ion:105 Resp: 61
 Ion Ratio Lower Upper
 105 100
 120 0.0 35.2 52.8#

