

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030062.D
 Acq On : 27 Aug 2024 23:58
 Operator : SY/MD
 Sample : P3733-07
 Misc : 6.17g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 02:46:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 02:43:49 2024
 Response via : Initial Calibration

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

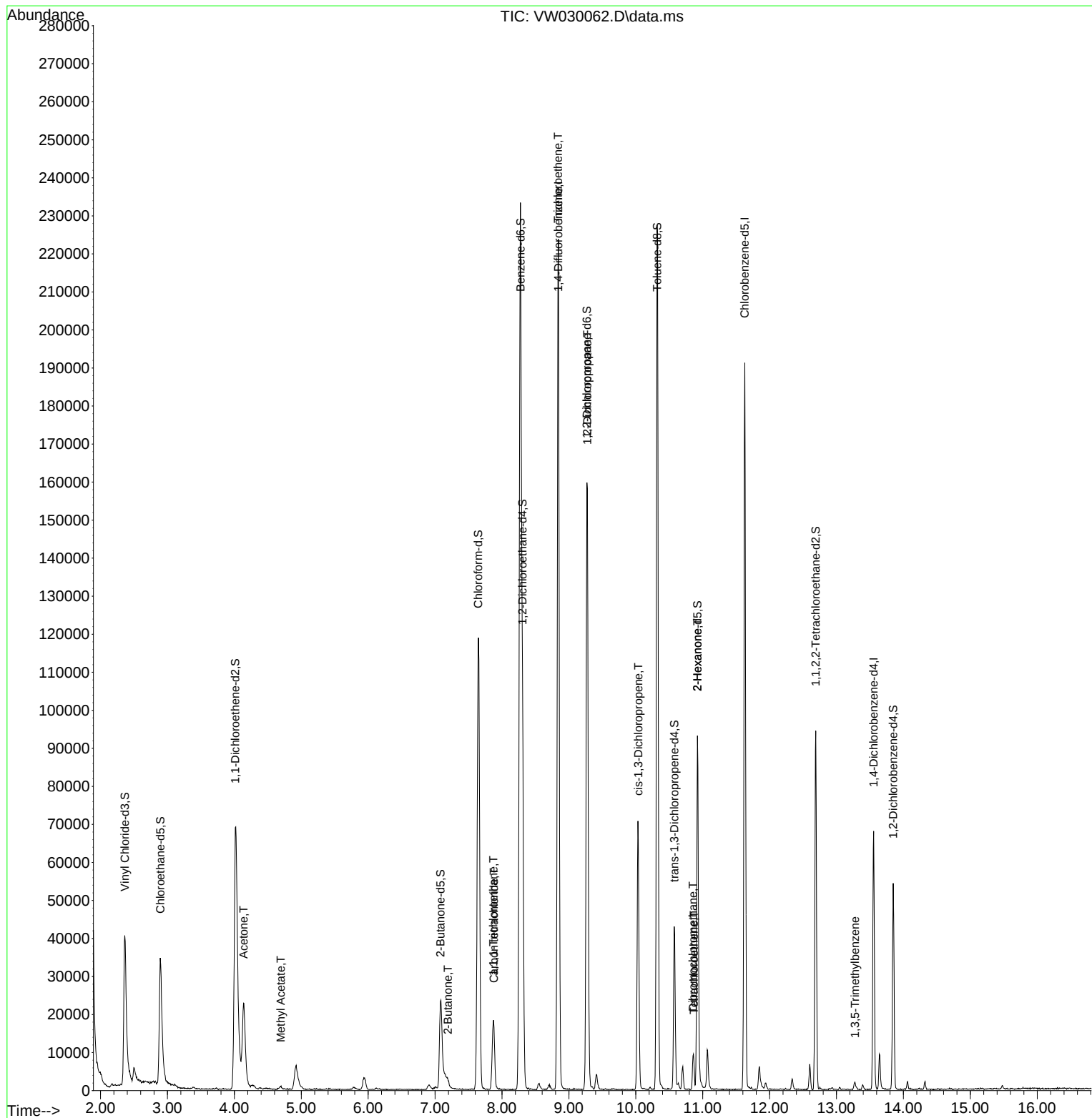
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	180213	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	100903	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	16694	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	70556	26.309	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 105.240%		
7) Chloroethane-d5	2.893	69	51347	26.977	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 107.920%		
11) 1,1-Dichloroethene-d2	4.015	65	29730	25.947	ug/L	-0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	= 103.800%		
21) 2-Butanone-d5	7.081	46	42541	79.576	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 159.160%#		
24) Chloroform-d	7.642	84	123996	25.514	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 102.040%		
26) 1,2-Dichloroethane-d4	8.307	65	74916	30.359	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 121.440%		
32) Benzene-d6	8.276	84	226393	38.011	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 152.040%#		
36) 1,2-Dichloropropane-d6	9.270	67	77714	44.536	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 178.160%#		
41) Toluene-d8	10.318	98	154566	28.512	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 114.040%		
43) trans-1,3-Dichloroprop...	10.575	79	24218	33.739	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 134.960%		
47) 2-Hexanone-d5	10.922	63	30402	113.836	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 227.680%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	48108	37.445	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 149.760%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	14004	23.192	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 92.760%		
Target Compounds						
					Qvalue	
13) Acetone	4.137	43	41848	85.584	ug/L	98
15) Methyl Acetate	4.691	43	1526	1.601	ug/L	93
22) 2-Butanone	7.191	43	2556	3.653	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	14780	6.254	ug/L	99
31) Carbon tetrachloride	7.880	117	1799	0.847	ug/L	98
34) Trichloroethene	8.837	95	5800	3.332	ug/L #	8
37) 1,2-Dichloropropane	9.276	63	8616	5.263	ug/L #	86
39) cis-1,3-Dichloropropene	10.038	75	1876	0.745	ug/L #	69
46) Tetrachloroethene	10.867	164	2106	1.594	ug/L	93
48) 2-Hexanone	10.922	43	3847	6.641	ug/L #	66
49) Dibromochloromethane	10.855	129	1953	1.532	ug/L #	12
62) 1,3,5-Trimethylbenzene	13.275	105	685	0.346	ug/L #	29

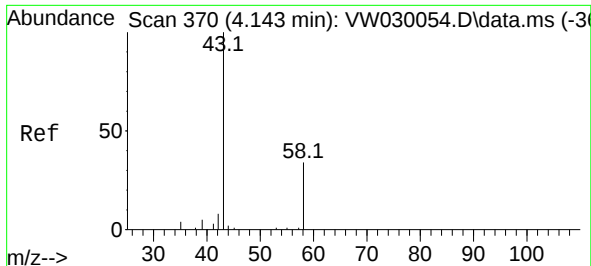
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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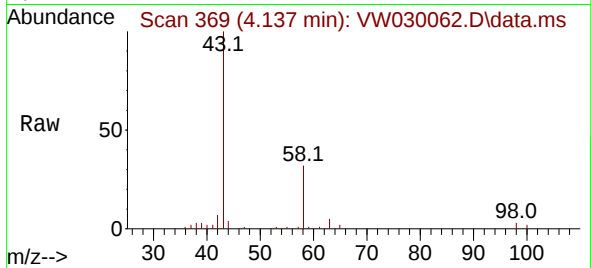
Quant Time: Aug 28 02:46:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
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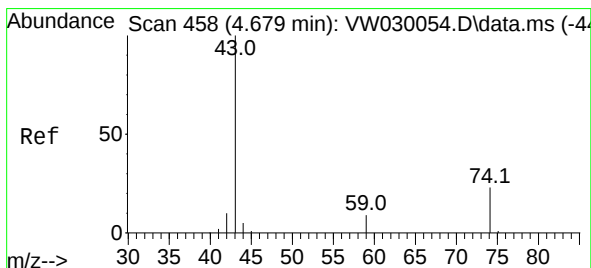
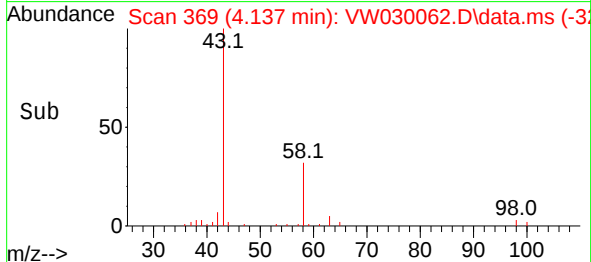
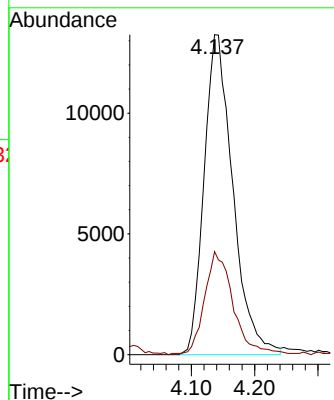


#13
Acetone
Concen: 85.584 ug/L
RT: 4.137 min Scan# 370
Delta R.T. -0.006 min
Lab File: VW030062.D
Acq: 27 Aug 2024 23:58

Instrument :
MSVOA_W
ClientSampleId :

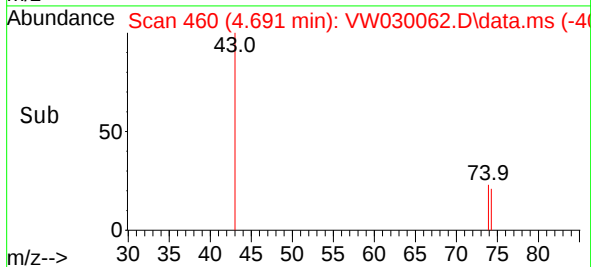
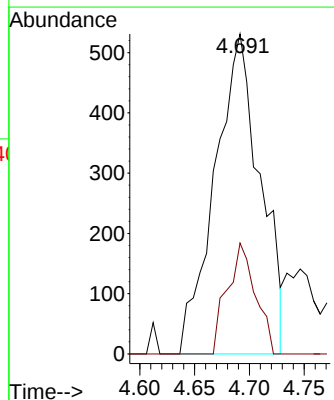
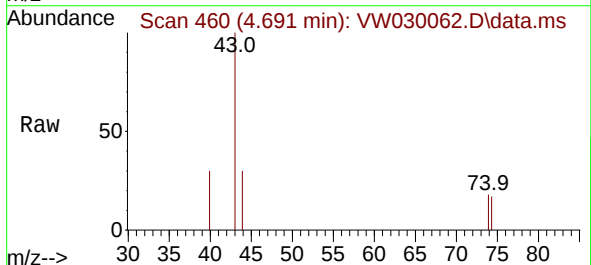


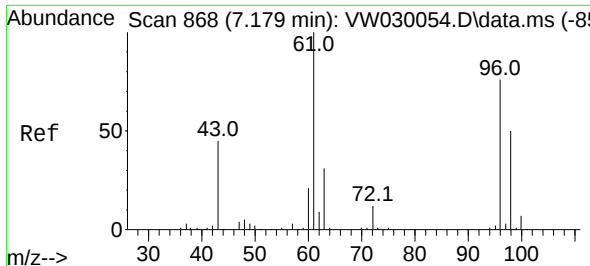
Tgt Ion: 43 Resp: 41848
Ion Ratio Lower Upper
43 100
58 31.9 0.0 66.4



#15
Methyl Acetate
Concen: 1.601 ug/L
RT: 4.691 min Scan# 460
Delta R.T. 0.012 min
Lab File: VW030062.D
Acq: 27 Aug 2024 23:58

Tgt Ion: 43 Resp: 1526
Ion Ratio Lower Upper
43 100
74 21.6 19.9 29.9





#22

2-Butanone

Concen: 3.653 ug/L

RT: 7.191 min Scan# 81

Delta R.T. 0.012 min

Lab File: VW030062.D

Acq: 27 Aug 2024 23:58

Instrument :

MSVOA_W

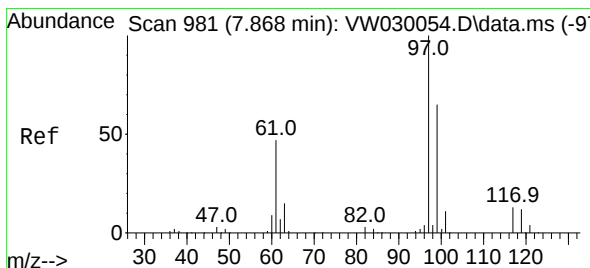
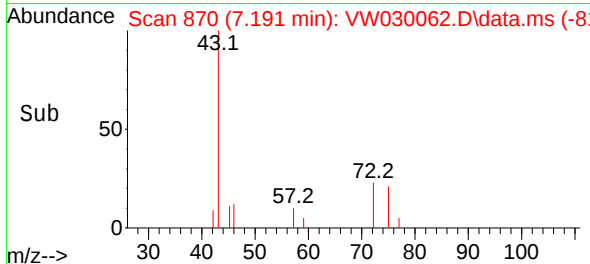
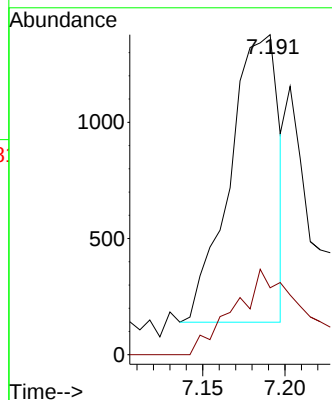
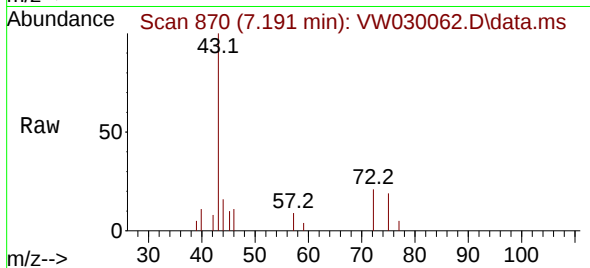
ClientSampleId :

Tgt Ion: 43 Resp: 2556

Ion Ratio Lower Upper

43 100

72 28.5 15.0 45.1



#30

1,1,1-Trichloroethane

Concen: 6.254 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030062.D

Acq: 27 Aug 2024 23:58

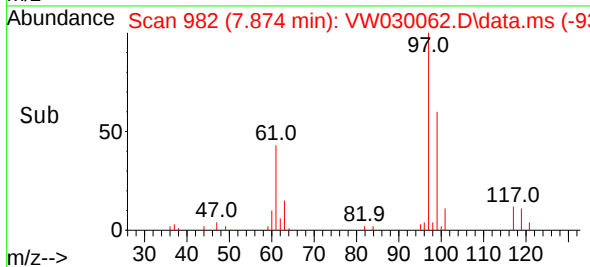
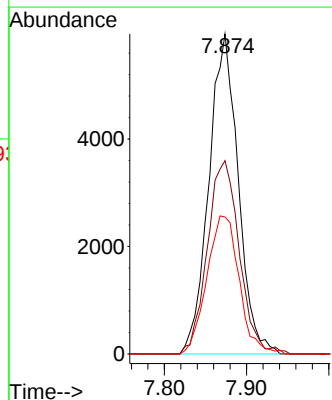
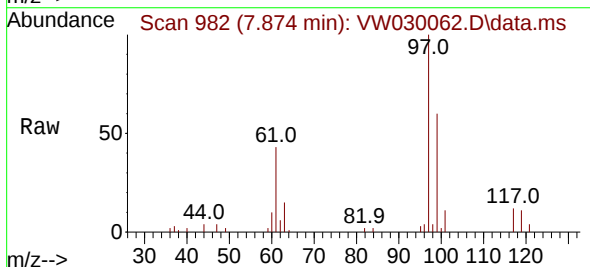
Tgt Ion: 97 Resp: 14780

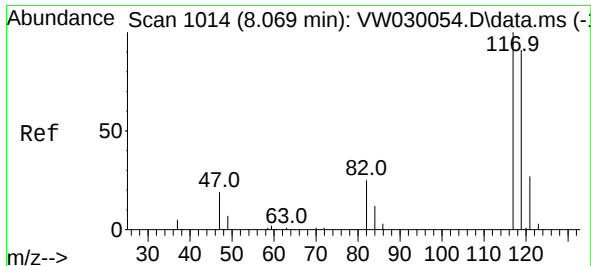
Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

61 47.3 37.2 55.8

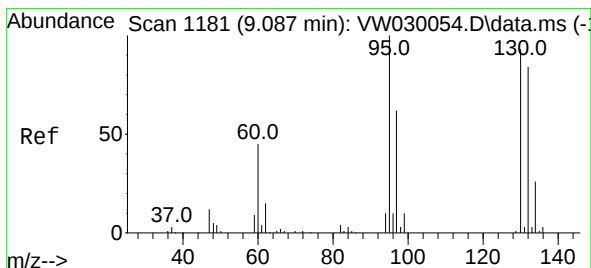
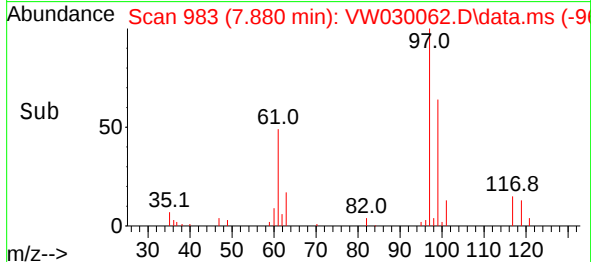
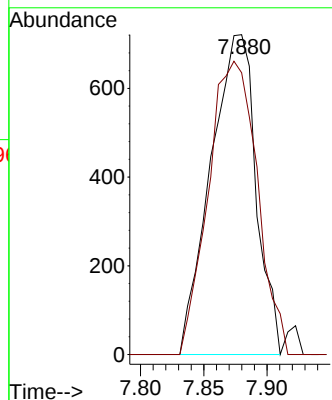
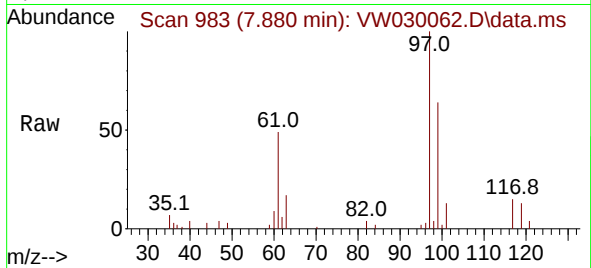




#31
Carbon tetrachloride
Concen: 0.847 ug/L
RT: 7.880 min Scan# 91
Delta R.T. -0.189 min
Lab File: VW030062.D
Acq: 27 Aug 2024 23:58

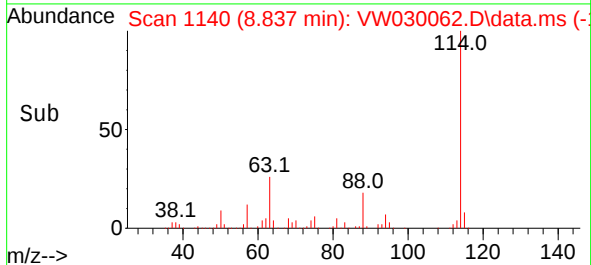
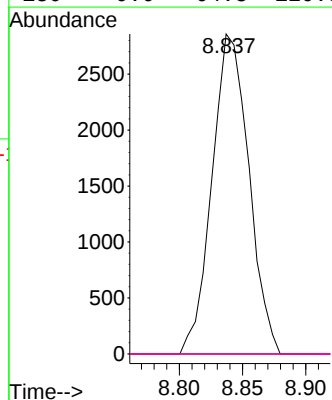
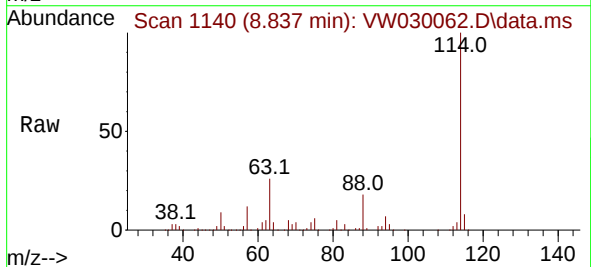
Instrument :
MSVOA_W
ClientSampleId :

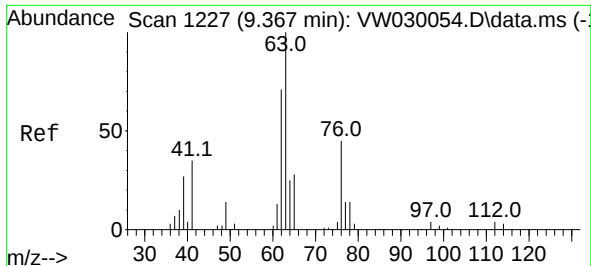
Tgt Ion:117 Resp: 1799
Ion Ratio Lower Upper
117 100
119 98.8 77.7 116.5



#34
Trichloroethene
Concen: 3.332 ug/L
RT: 8.837 min Scan# 1140
Delta R.T. -0.250 min
Lab File: VW030062.D
Acq: 27 Aug 2024 23:58

Tgt Ion: 95 Resp: 5800
Ion Ratio Lower Upper
95 100
97 0.0 43.3 80.5#
132 0.0 63.6 118.0#
130 0.0 64.8 120.3#





#37

1,2-Dichloropropane

Concen: 5.263 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW030062.D

Acq: 27 Aug 2024 23:58

Instrument :

MSVOA_W

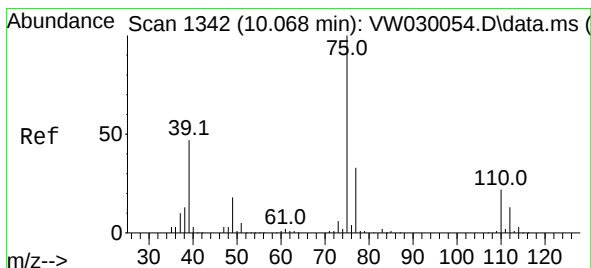
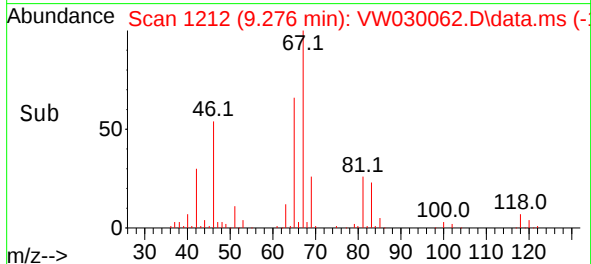
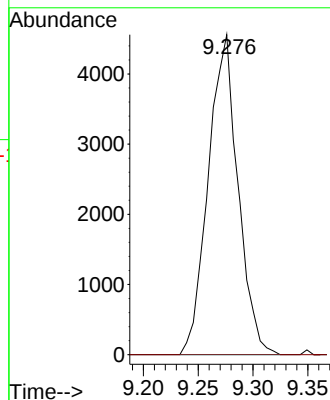
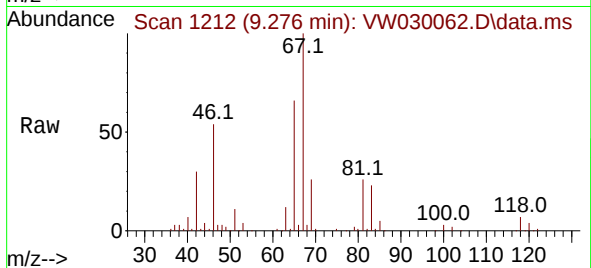
ClientSampleId :

Tgt Ion: 63 Resp: 8616

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.745 ug/L

RT: 10.038 min Scan# 1337

Delta R.T. -0.030 min

Lab File: VW030062.D

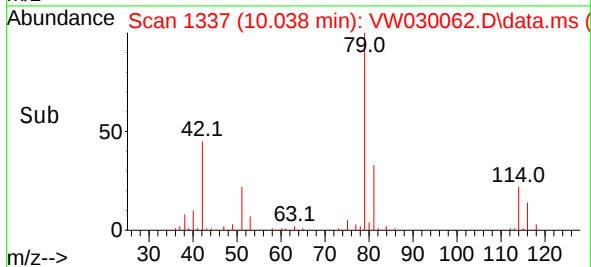
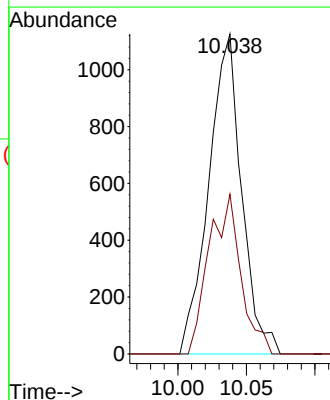
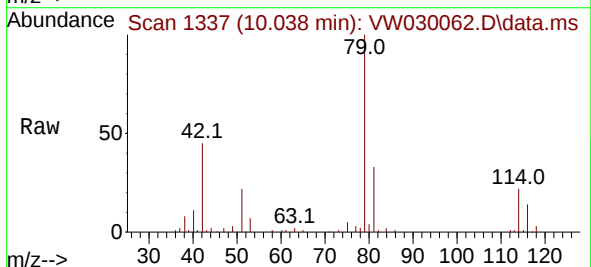
Acq: 27 Aug 2024 23:58

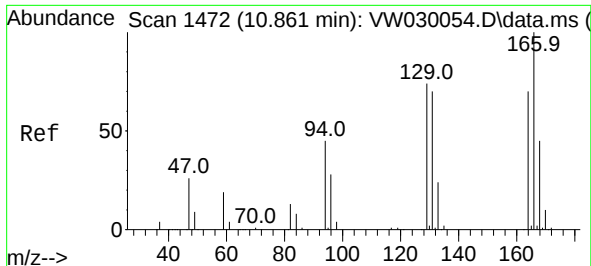
Tgt Ion: 75 Resp: 1876

Ion Ratio Lower Upper

75 100

77 49.9 22.8 42.4#





#46

Tetrachloroethene

Concen: 1.594 ug/L

RT: 10.867 min Scan# 1472

Delta R.T. 0.006 min

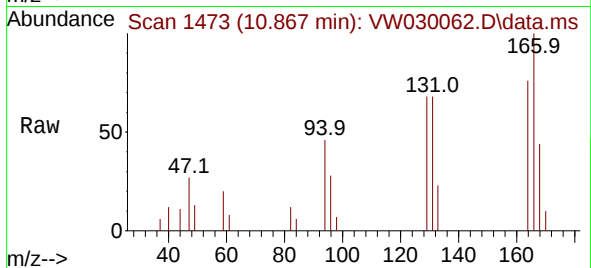
Lab File: VW030062.D

Acq: 27 Aug 2024 23:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 2106

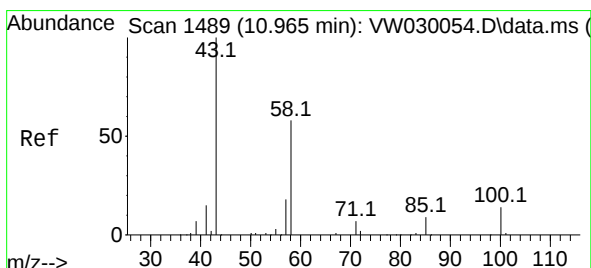
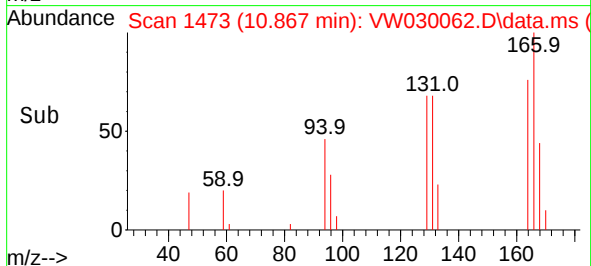
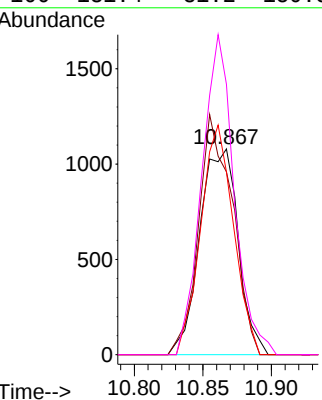
Ion Ratio Lower Upper

164 100

129 88.9 66.1 122.7

131 88.8 62.6 116.2

166 131.4 81.2 150.8



#48

2-Hexanone

Concen: 6.641 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW030062.D

Acq: 27 Aug 2024 23:58

Tgt Ion: 43 Resp: 3847

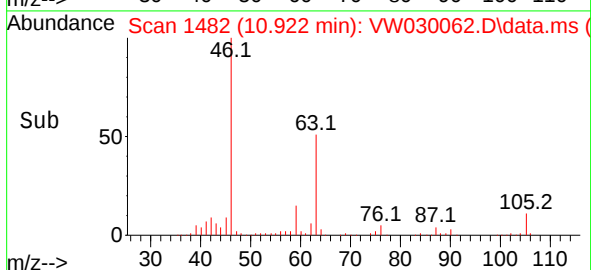
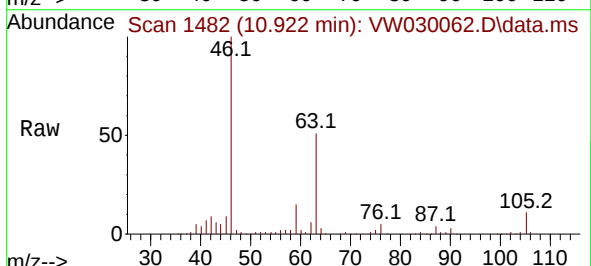
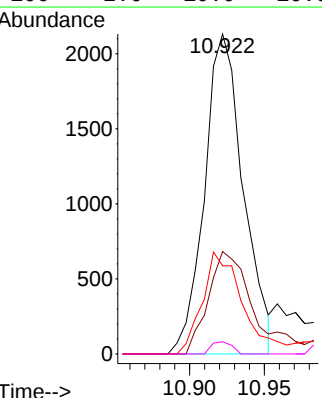
Ion Ratio Lower Upper

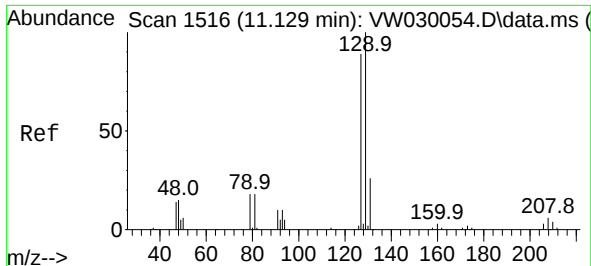
43 100

58 33.0 50.0 75.0#

57 33.0 17.3 25.9#

100 2.0 10.9 16.3#





#49

Dibromochloromethane

Concen: 1.532 ug/L

RT: 10.855 min Scan# 14

Delta R.T. -0.274 min

Lab File: VW030062.D

Acq: 27 Aug 2024 23:58

Instrument :

MSVOA_W

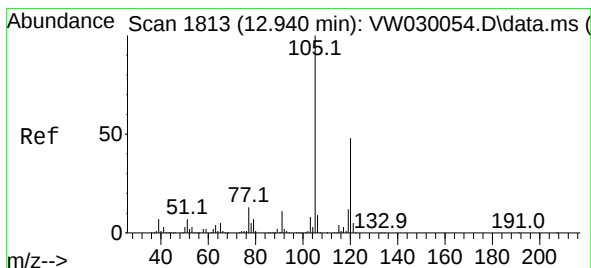
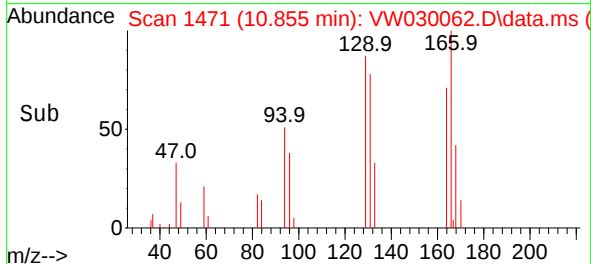
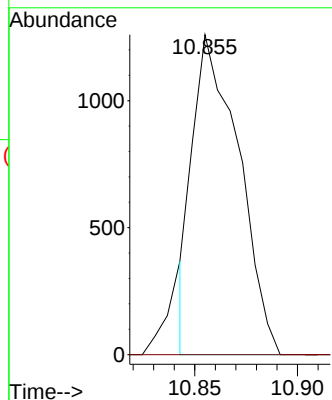
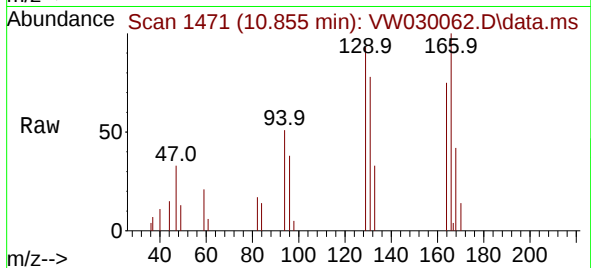
ClientSampleId :

Tgt Ion:129 Resp: 1953

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



#62

1,3,5-Trimethylbenzene

Concen: 0.346 ug/L

RT: 13.275 min Scan# 1868

Delta R.T. 0.335 min

Lab File: VW030062.D

Acq: 27 Aug 2024 23:58

Tgt Ion:105 Resp: 685

Ion Ratio Lower Upper

105 100

120 0.0 38.3 57.5#

