

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102824\
 Data File : VW030795.D
 Acq On : 28 Oct 2024 18:52
 Operator : SY/MD
 Sample : P4568-14
 Misc : 5.71g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 29 01:36:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 29 01:29:12 2024
 Response via : Initial Calibration

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

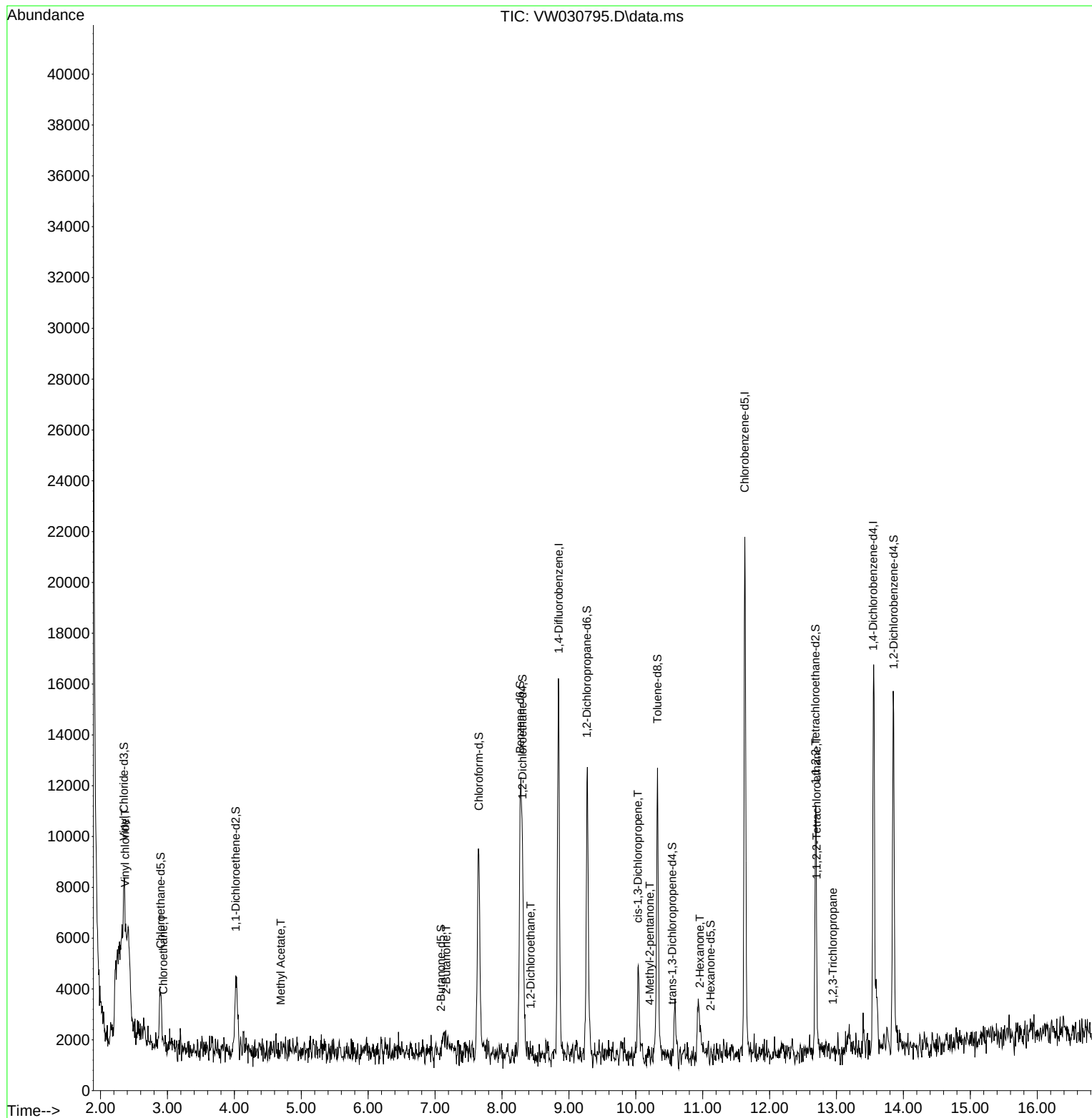
Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	10880	25.000	ug/L	0.01
28) Chlorobenzene-d5	11.629	117	10372	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	3893	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	2436	14.244	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.960%
7) Chloroethane-d5	2.899	69	2466	19.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	4.021	65	791	11.120	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.480%#
21) 2-Butanone-d5	7.087	46	159	5.166	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.340%#
24) Chloroform-d	7.654	84	8092	26.007	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.040%
26) 1,2-Dichloroethane-d4	8.307	65	4692	28.999	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.000%
32) Benzene-d6	8.270	84	10259	17.042	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.160%
36) 1,2-Dichloropropane-d6	9.270	67	4759	26.934	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.720%
41) Toluene-d8	10.325	98	6744	12.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	49.080%
43) trans-1,3-Dichloroprop...	10.544	79	20	0.270	ug/L	-0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	=	1.080%#
47) 2-Hexanone-d5	11.117	63	21	0.923	ug/L	0.19
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.840%#
56) 1,1,2,2-Tetrachloroeth...	12.684	84	4714	36.328	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.320%#
66) 1,2-Dichlorobenzene-d4	13.854	152	3412	25.903	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.369	62	159	0.800	ug/L #	24
8) Chloroethane	2.936	64	86	0.708	ug/L #	43
15) Methyl Acetate	4.691	43	41	0.737	ug/L #	51
22) 2-Butanone	7.167	43	167	3.438	ug/L #	46
27) 1,2-Dichloroethane	8.429	62	87	0.422	ug/L #	76
39) cis-1,3-Dichloropropene	10.032	75	210	0.826	ug/L #	45
40) 4-Methyl-2-pentanone	10.209	43	80	0.988	ug/L #	43
48) 2-Hexanone	10.959	43	149	2.250	ug/L #	67
57) 1,1,2,2-Tetrachloroethane	12.702	83	72	0.524	ug/L #	8
61) 1,2,3-Trichloropropane	12.946	75	75	0.990	ug/L #	38

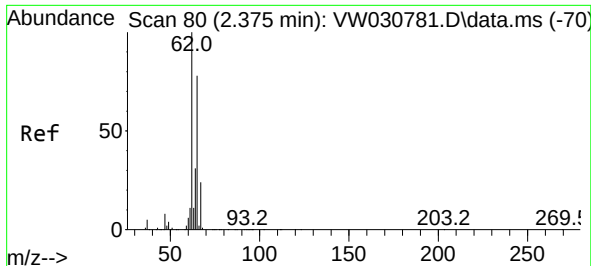
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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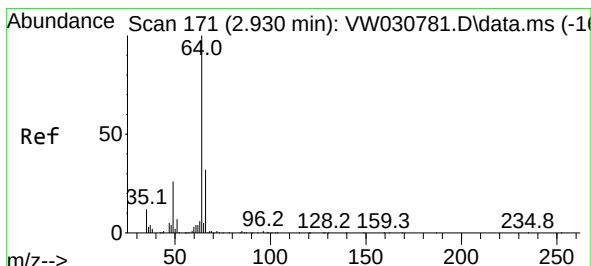
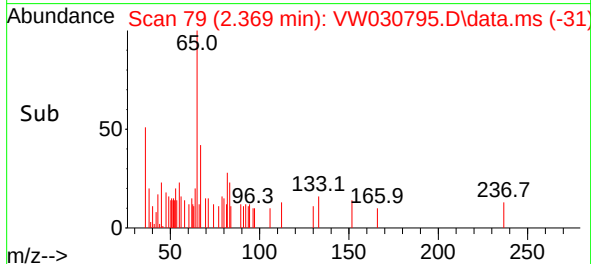
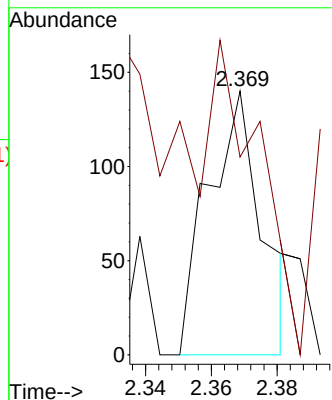
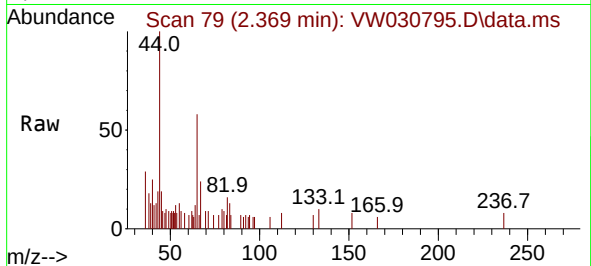




#5
 Vinyl chloride
 Concen: 0.800 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW030795.D
 Acq: 28 Oct 2024 18:52

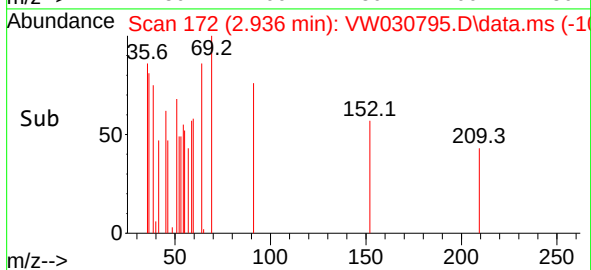
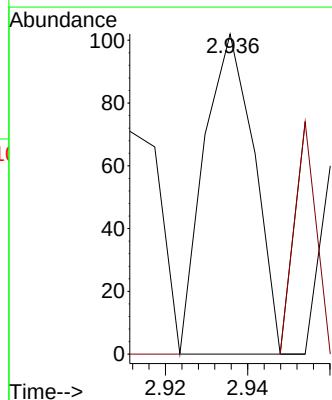
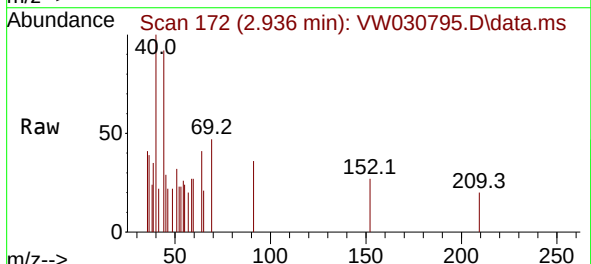
Instrument :
 MSVOA_W
 ClientSampleId :

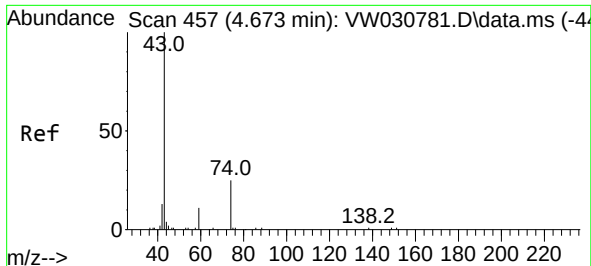
Tgt Ion: 62 Resp: 159
 Ion Ratio Lower Upper
 62 100
 64 75.0 22.6 42.0#



#8
 Chloroethane
 Concen: 0.708 ug/L
 RT: 2.936 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VW030795.D
 Acq: 28 Oct 2024 18:52

Tgt Ion: 64 Resp: 86
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.5#

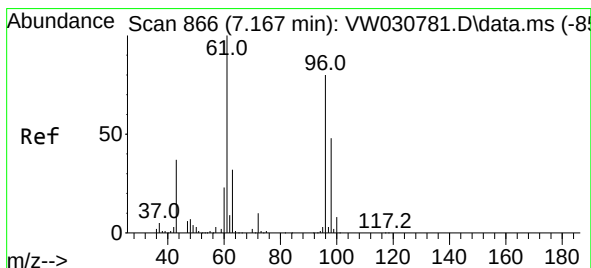
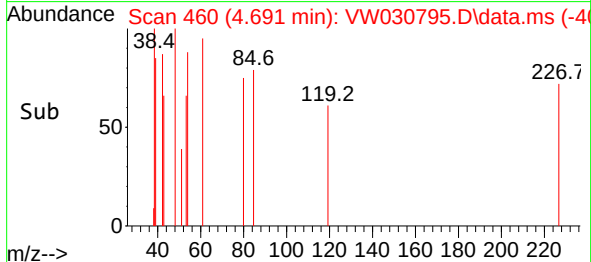
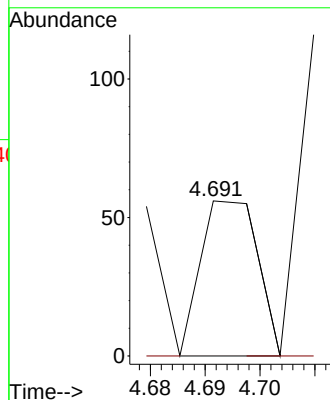
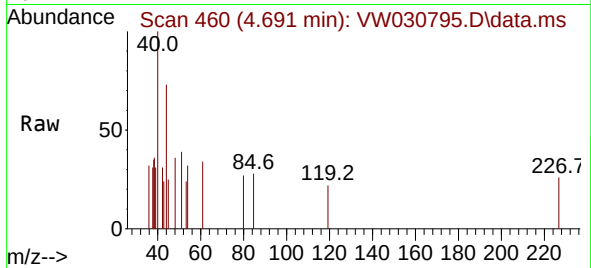




#15
Methyl Acetate
Concen: 0.737 ug/L
RT: 4.691 min Scan# 41
Delta R.T. 0.018 min
Lab File: VW030795.D
Acq: 28 Oct 2024 18:52

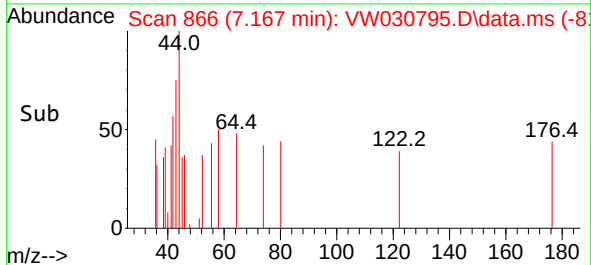
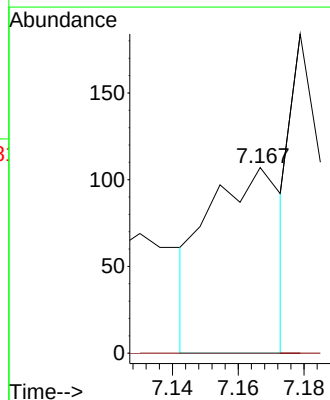
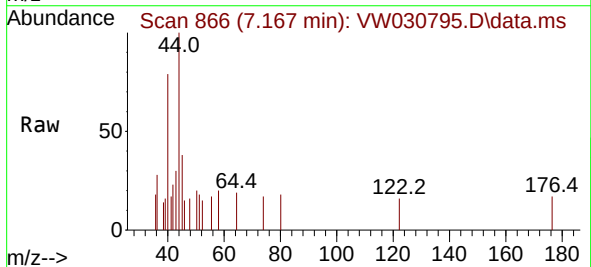
Instrument :
MSVOA_W
ClientSampleId :

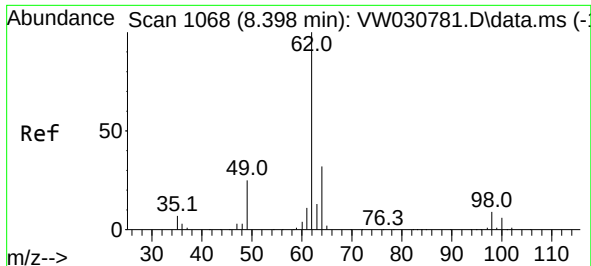
Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



#22
2-Butanone
Concen: 3.438 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW030795.D
Acq: 28 Oct 2024 18:52

Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.0#





#27

1,2-Dichloroethane

Concen: 0.422 ug/L

RT: 8.429 min Scan# 1068

Delta R.T. 0.030 min

Lab File: VW030795.D

Acq: 28 Oct 2024 18:52

Instrument :

MSVOA_W

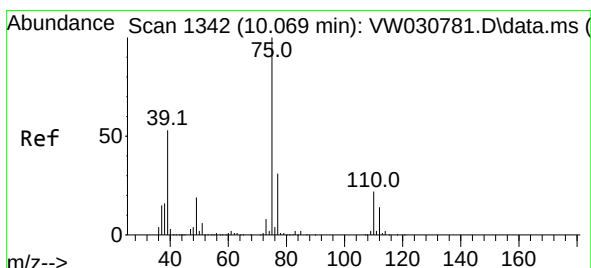
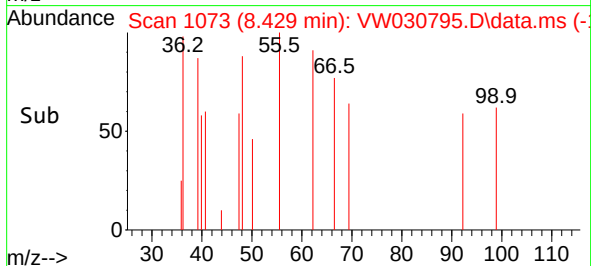
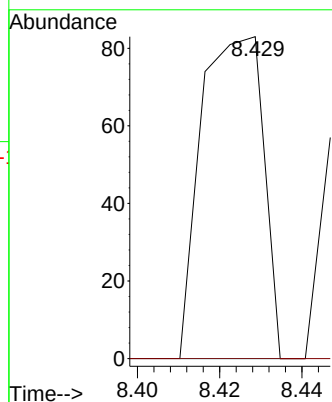
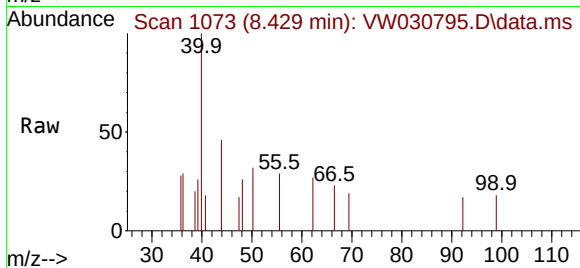
ClientSampleId :

Tgt Ion: 62 Resp: 87

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6#



#39

cis-1,3-Dichloropropene

Concen: 0.826 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW030795.D

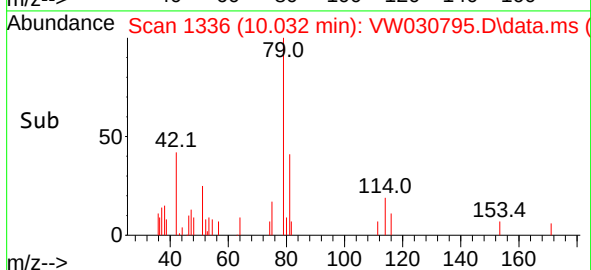
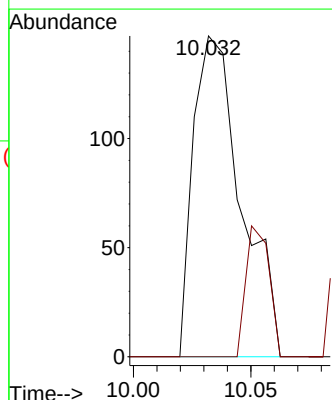
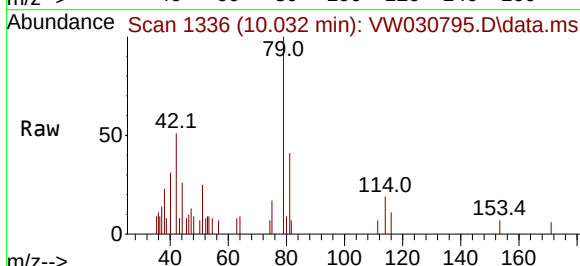
Acq: 28 Oct 2024 18:52

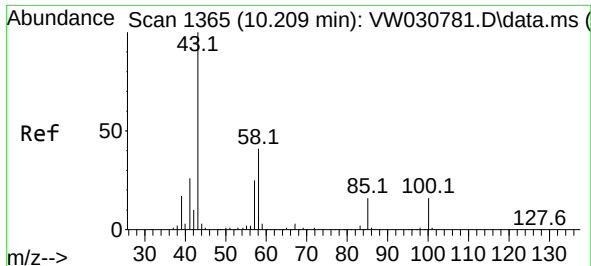
Tgt Ion: 75 Resp: 210

Ion Ratio Lower Upper

75 100

77 0.0 21.1 39.1#

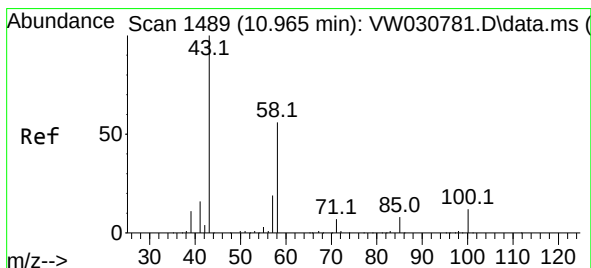
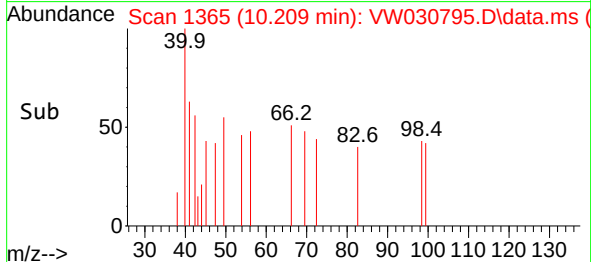
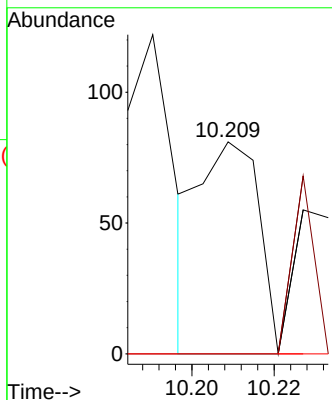
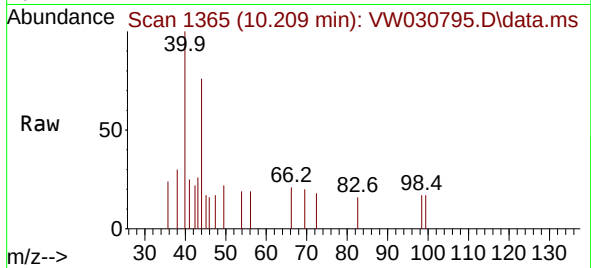




#40
4-Methyl-2-pentanone
Concen: 0.988 ug/L
RT: 10.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030795.D
Acq: 28 Oct 2024 18:52

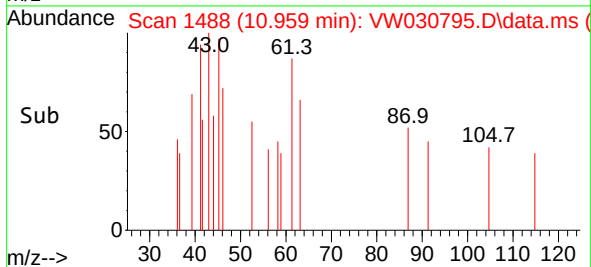
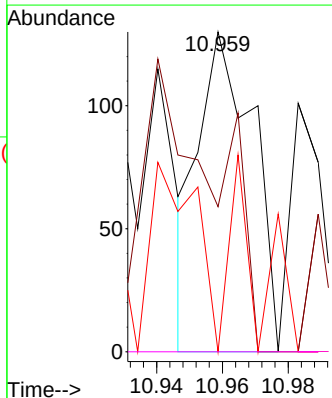
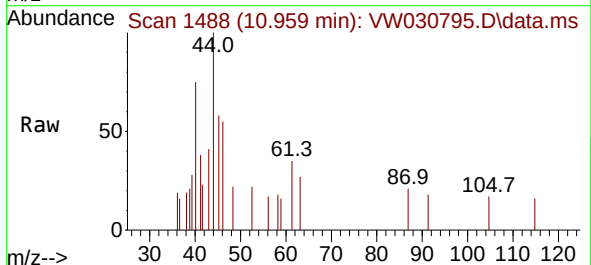
Instrument :
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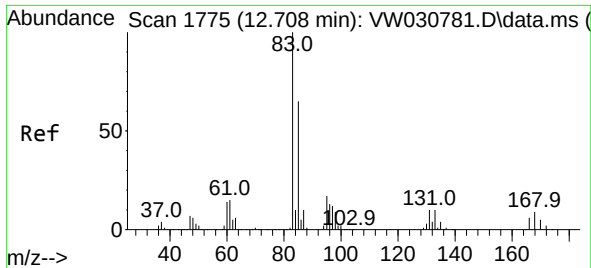
Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
58 0.0 31.4 47.2#
100 0.0 13.1 19.7#



#48
2-Hexanone
Concen: 2.250 ug/L
RT: 10.959 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VW030795.D
Acq: 28 Oct 2024 18:52

Tgt Ion: 43 Resp: 149
Ion Ratio Lower Upper
43 100
58 23.5 44.6 67.0#
57 19.5 15.8 23.8
100 0.0 10.2 15.2#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.524 ug/L

RT: 12.702 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030795.D

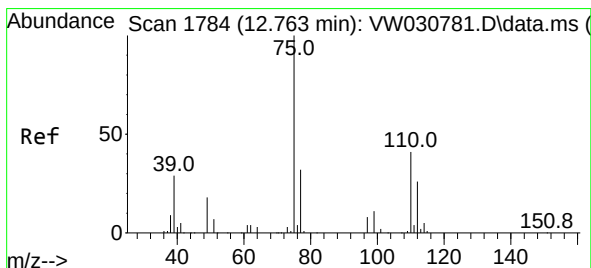
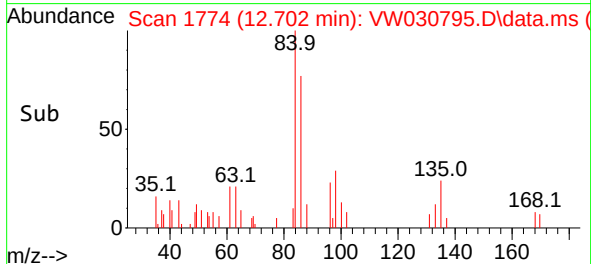
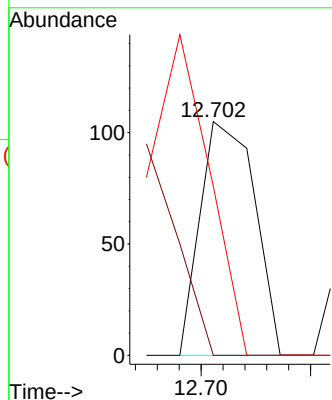
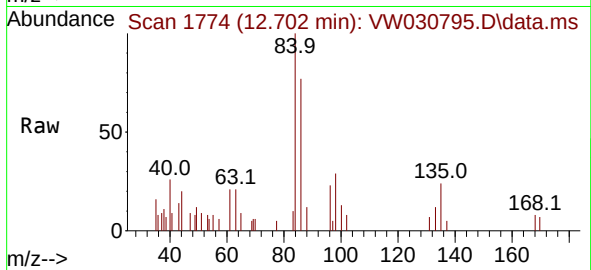
Acq: 28 Oct 2024 18:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp:	72
Ion Ratio	Lower	Upper
83	100	
85	0.0	42.6
131	72.4	7.4



#61

1,2,3-Trichloropropane

Concen: 0.990 ug/L

RT: 12.946 min Scan# 1814

Delta R.T. 0.183 min

Lab File: VW030795.D

Acq: 28 Oct 2024 18:52

Tgt Ion: 75	Resp:	75
Ion Ratio	Lower	Upper
75	100	
77	64.0	25.7
110	0.0	32.3

