

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
 Data File : VW029510.D
 Acq On : 10 Jul 2024 16:38
 Operator : SY/MD
 Sample : P3177-16
 Misc : 5.40g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 02:18:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 11 02:12:03 2024
 Response via : Initial Calibration

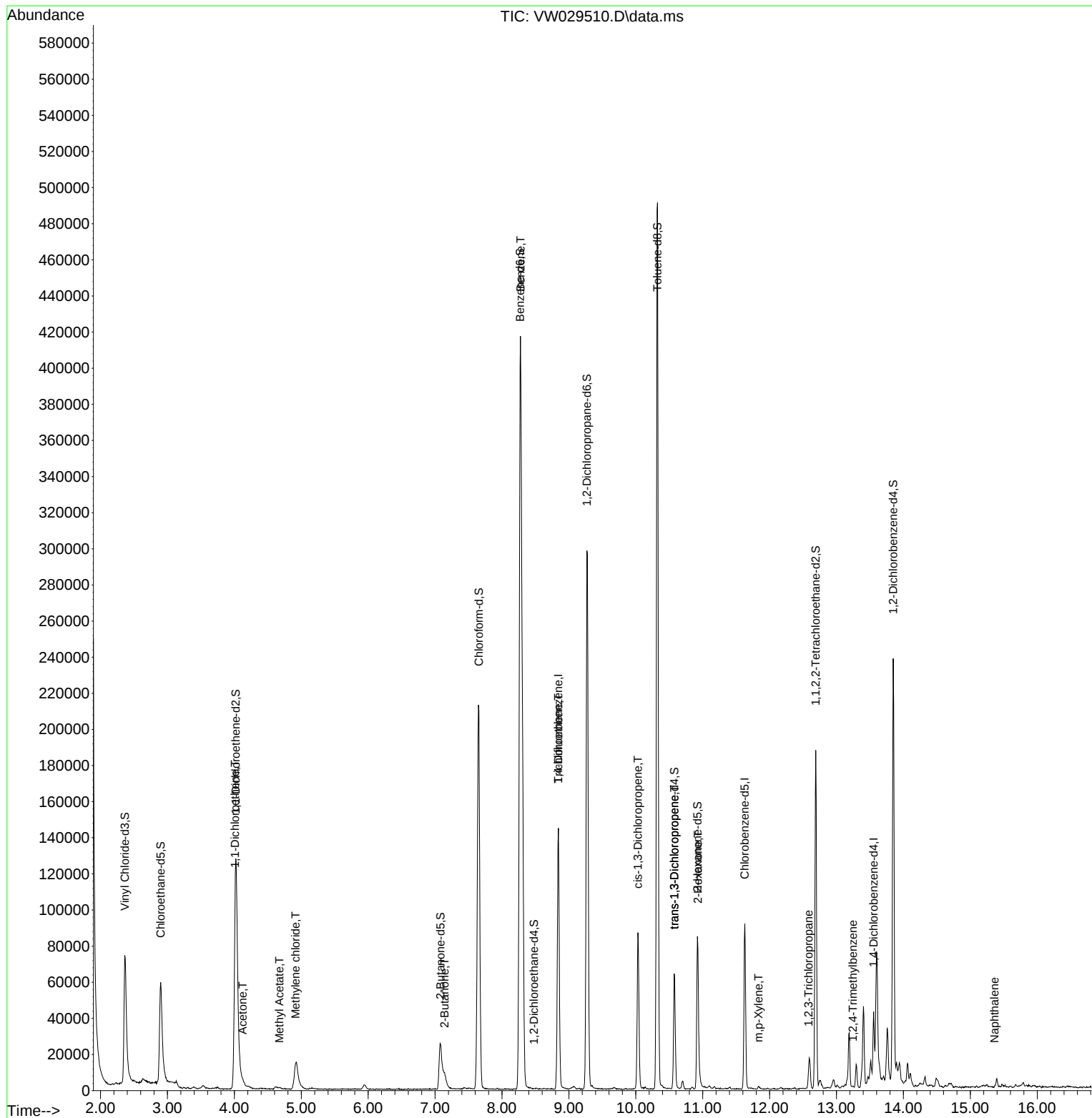
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	110791	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	46691	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	7779	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	117601	65.708	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 262.840%#		
7) Chloroethane-d5	2.899	69	88665	68.801	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 275.200%#		
11) 1,1-Dichloroethene-d2	4.021	65	52872	65.786	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 263.160%#		
21) 2-Butanone-d5	7.081	46	43127	80.272	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 160.540%#		
24) Chloroform-d	7.654	84	213539	66.671	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 266.680%#		
26) 1,2-Dichloroethane-d4	8.478	65	87	0.046	ug/L	0.17
Spiked Amount	25.000	Range 70 - 130	Recovery	= 0.200%#		
32) Benzene-d6	8.270	84	409503	146.405	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 585.600%#		
36) 1,2-Dichloropropane-d6	9.270	67	138929	155.346	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 621.400%#		
41) Toluene-d8	10.325	98	316338	128.599	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 514.400%#		
43) trans-1,3-Dichloroprop...	10.575	79	34535	91.191	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 364.760%#		
47) 2-Hexanone-d5	10.922	63	26130	160.792	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 321.580%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93297	128.489	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 513.960%#		
66) 1,2-Dichlorobenzene-d4	13.849	152	57509	212.282	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 849.120%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.009	96	776	0.563	ug/L #	1
13) Acetone	4.125	43	3451	6.364	ug/L	95
15) Methyl Acetate	4.673	43	395	0.415	ug/L #	1
16) Methylene chloride	4.917	84	13599	6.856	ug/L	98
22) 2-Butanone	7.142	43	9083	12.759	ug/L #	52
33) Benzene	8.276	78	3531	1.209	ug/L	100
34) Trichloroethene	8.843	95	3627	4.702	ug/L #	6
39) cis-1,3-Dichloropropene	10.032	75	2278	1.877	ug/L #	70
44) trans-1,3-Dichloropropene	10.575	75	1821	1.751	ug/L #	78
48) 2-Hexanone	10.928	43	6042	14.126	ug/L #	67
53) m,p-Xylene	11.837	106	409	0.329	ug/L	84
61) 1,2,3-Trichloropropane	12.580	75	122	0.648	ug/L #	29
63) 1,2,4-Trimethylbenzene	13.245	105	575	0.669	ug/L	94
71) Naphthalene	15.360	128	344	0.582	ug/L #	81

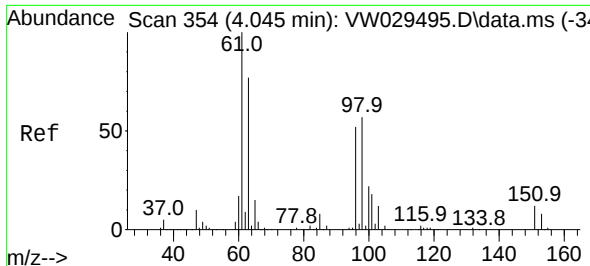
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Jul 11 02:12:03 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.563 ug/L

RT: 4.009 min Scan# 34

Delta R.T. -0.037 min

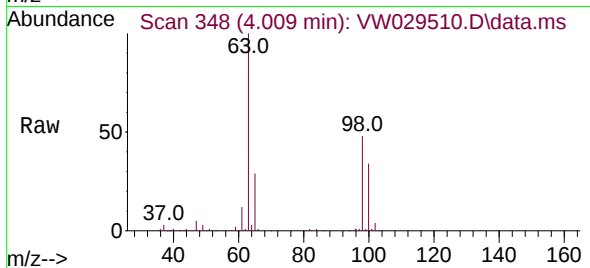
Lab File: VW029510.D

Acq: 10 Jul 2024 16:38

Instrument :

MSVOA_W

ClientSampleId :



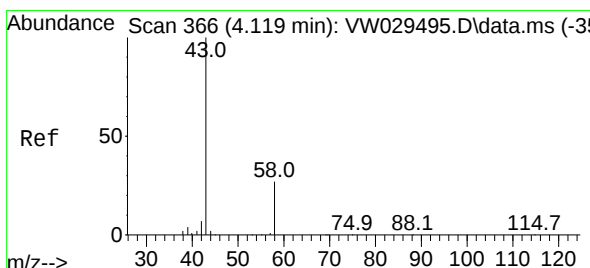
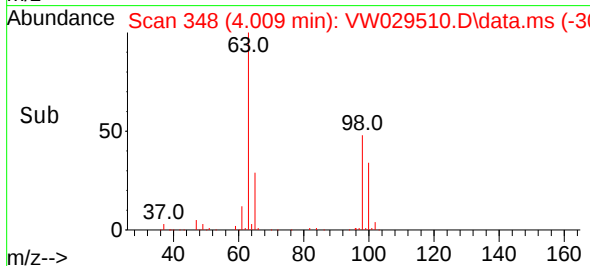
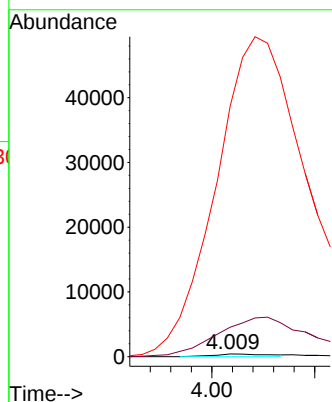
Tgt Ion: 96 Resp: 776

Ion Ratio Lower Upper

96 100

61 1089.2 132.4 245.8#

63 9249.8 108.4 201.2#



#13

Acetone

Concen: 6.364 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW029510.D

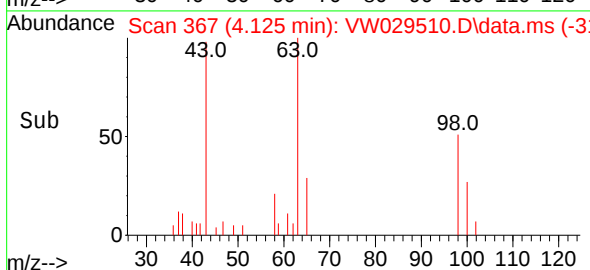
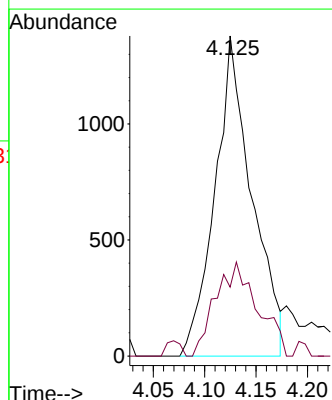
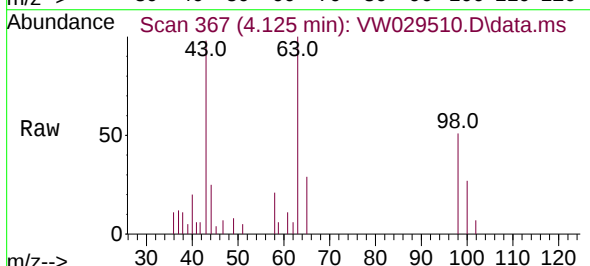
Acq: 10 Jul 2024 16:38

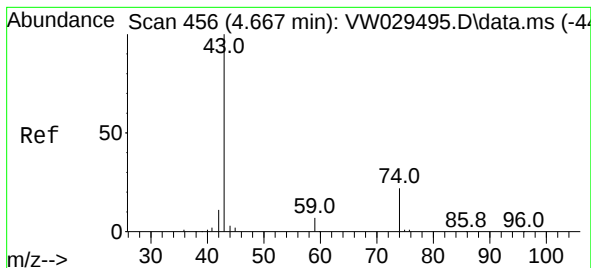
Tgt Ion: 43 Resp: 3451

Ion Ratio Lower Upper

43 100

58 30.3 0.0 55.6





#15

Methyl Acetate

Concen: 0.415 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW029510.D

Acq: 10 Jul 2024 16:38

Instrument :

MSVOA_W

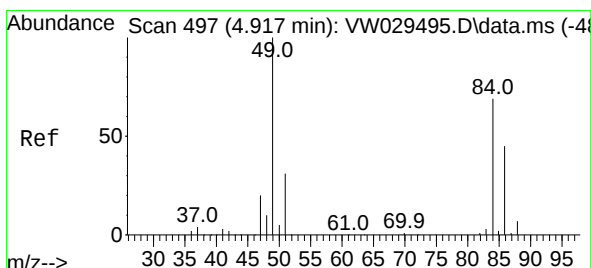
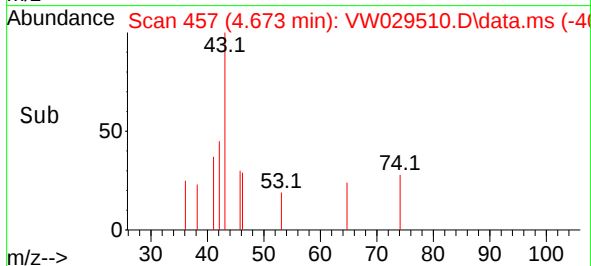
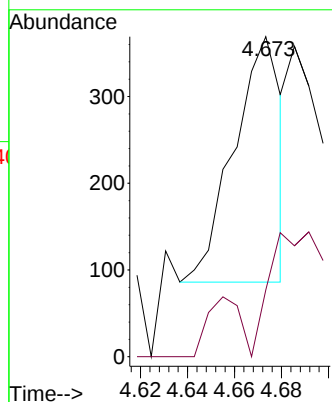
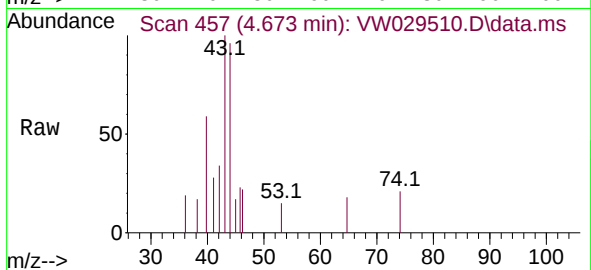
ClientSampleId :

Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

43 100

74 69.6 16.2 24.4#



#16

Methylene chloride

Concen: 6.856 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW029510.D

Acq: 10 Jul 2024 16:38

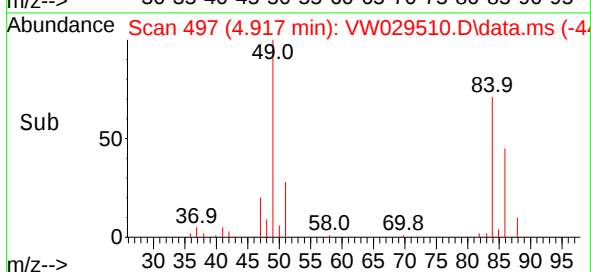
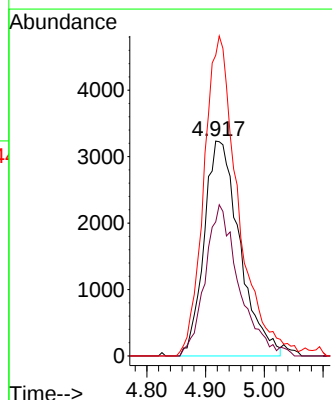
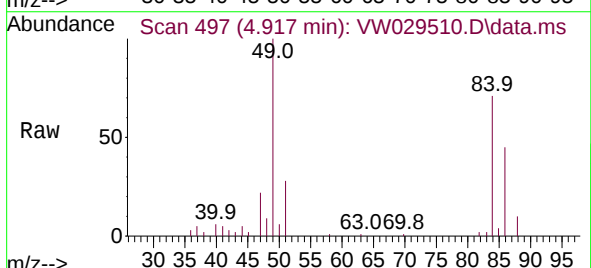
Tgt Ion: 84 Resp: 13599

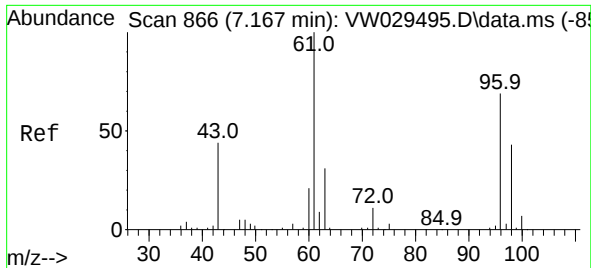
Ion Ratio Lower Upper

84 100

86 62.4 46.2 85.8

49 139.9 96.7 179.7





#22

2-Butanone

Concen: 12.759 ug/L

RT: 7.142 min Scan# 80

Delta R.T. -0.024 min

Lab File: VW029510.D

Acq: 10 Jul 2024 16:38

Instrument :

MSVOA_W

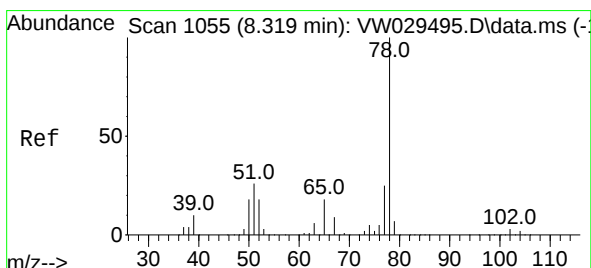
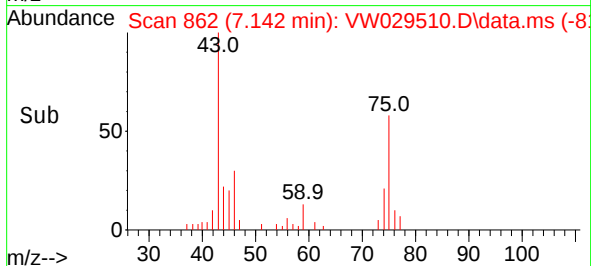
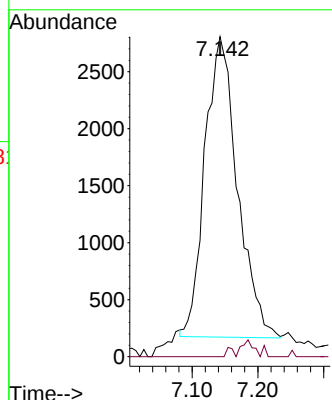
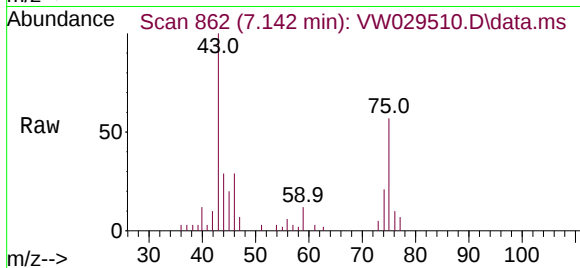
ClientSampleId :

Tgt Ion: 43 Resp: 9083

Ion Ratio Lower Upper

43 100

72 0.6 12.0 36.1#



#33

Benzene

Concen: 1.209 ug/L

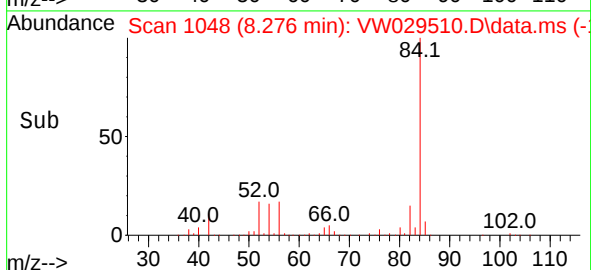
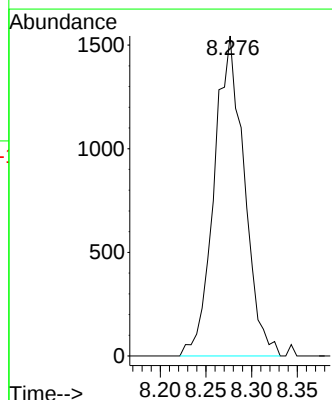
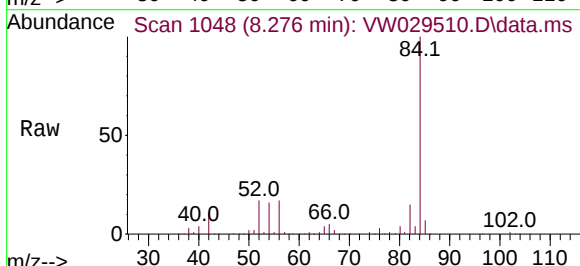
RT: 8.276 min Scan# 1048

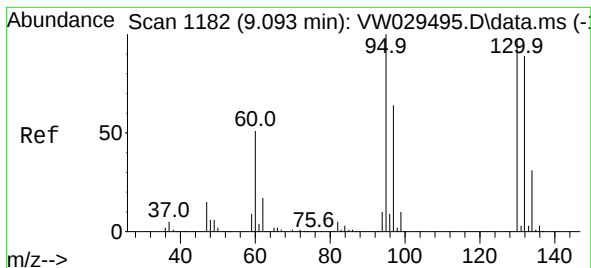
Delta R.T. -0.043 min

Lab File: VW029510.D

Acq: 10 Jul 2024 16:38

Tgt Ion: 78 Resp: 3531





#34

Trichloroethene

Concen: 4.702 ug/L

RT: 8.843 min Scan# 1141

Delta R.T. -0.250 min

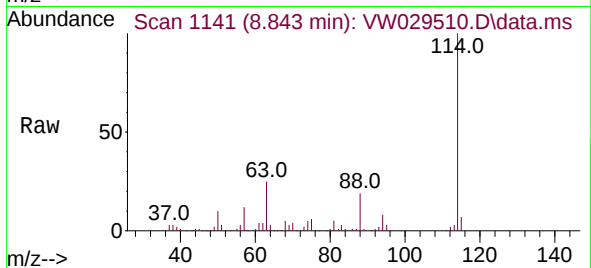
Lab File: VW029510.D

Acq: 10 Jul 2024 16:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 3627

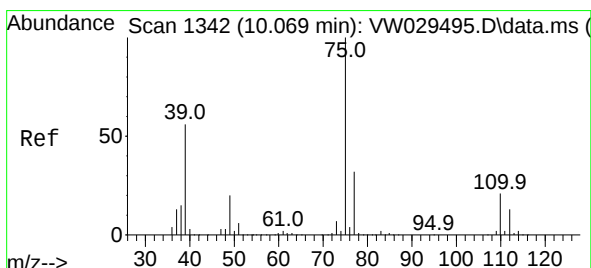
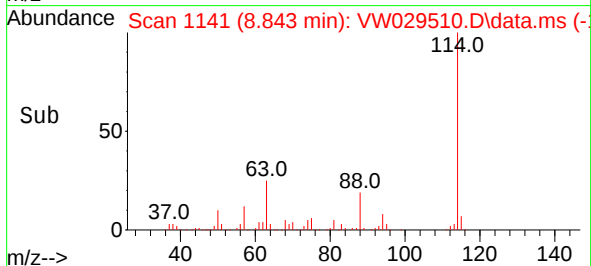
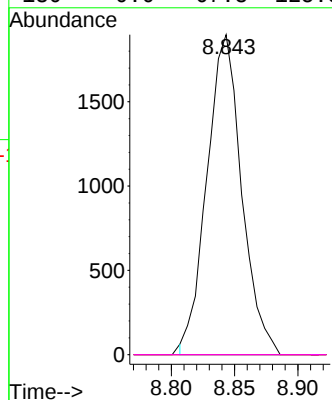
Ion Ratio Lower Upper

95 100

97 0.0 47.3 87.9#

132 0.0 65.8 122.2#

130 0.0 67.8 125.8#



#39

cis-1,3-Dichloropropene

Concen: 1.877 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW029510.D

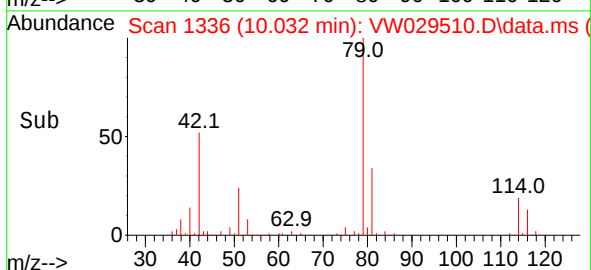
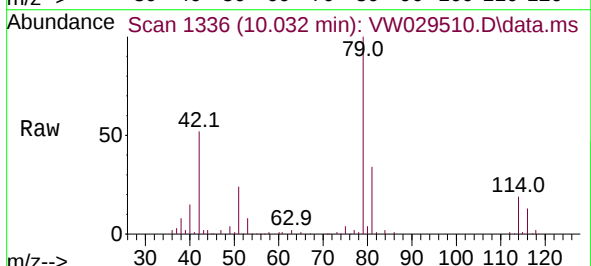
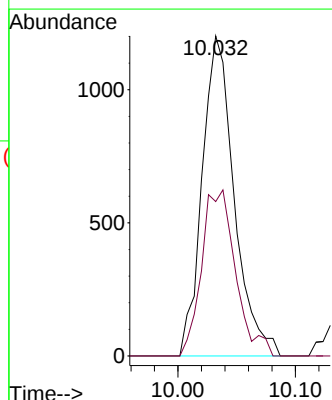
Acq: 10 Jul 2024 16:38

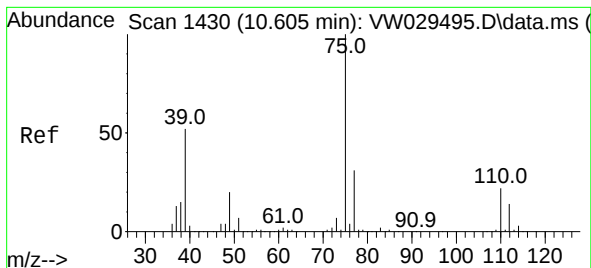
Tgt Ion: 75 Resp: 2278

Ion Ratio Lower Upper

75 100

77 48.3 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 1.751 ug/L

RT: 10.575 min Scan# 1425

Delta R.T. -0.031 min

Lab File: VW029510.D

Acq: 10 Jul 2024 16:38

Instrument :

MSVOA_W

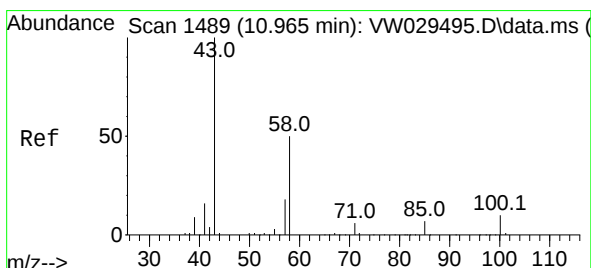
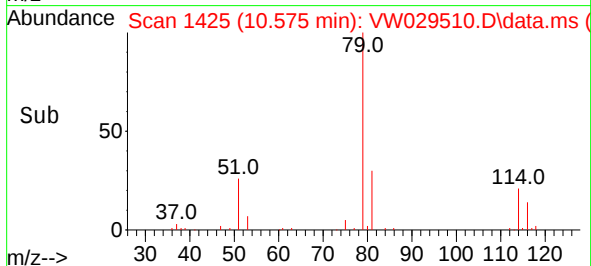
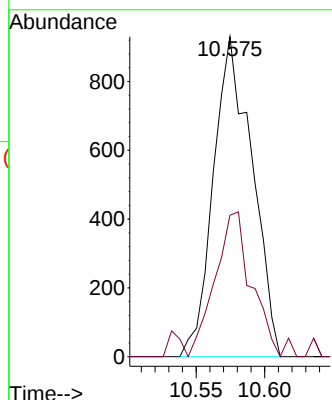
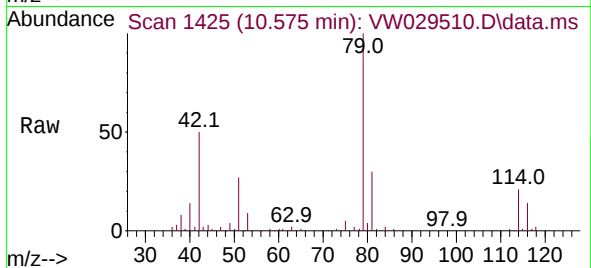
ClientSampleId :

Tgt Ion: 75 Resp: 1821

Ion Ratio Lower Upper

75 100

77 44.2 22.4 41.6#



#48

2-Hexanone

Concen: 14.126 ug/L

RT: 10.928 min Scan# 1483

Delta R.T. -0.037 min

Lab File: VW029510.D

Acq: 10 Jul 2024 16:38

Tgt Ion: 43 Resp: 6042

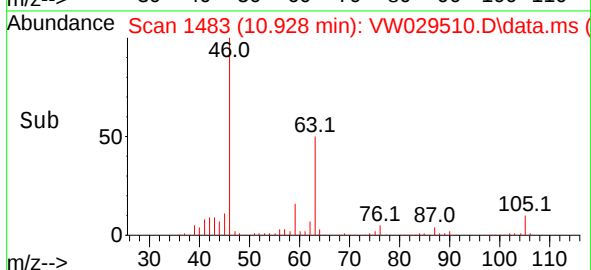
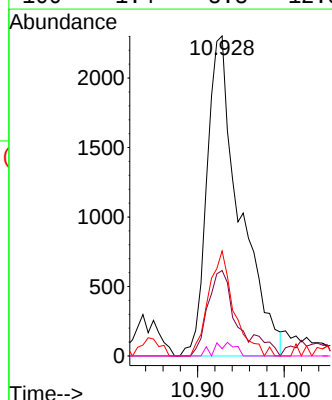
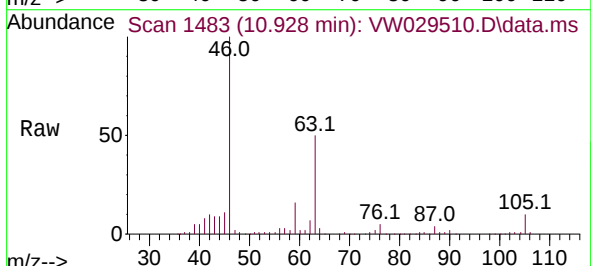
Ion Ratio Lower Upper

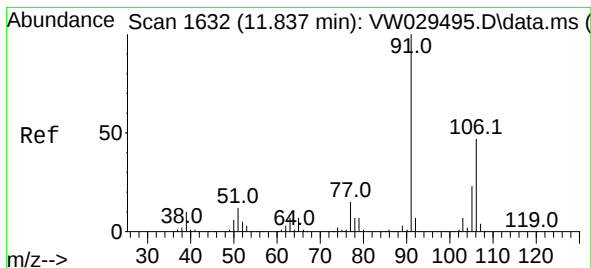
43 100

58 20.9 39.8 59.8#

57 25.1 14.6 21.8#

100 1.4 8.3 12.5#

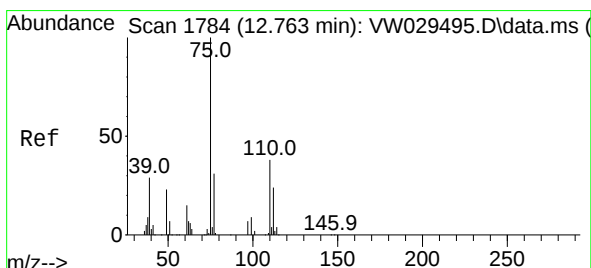
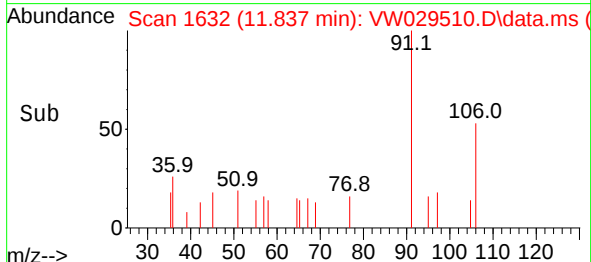
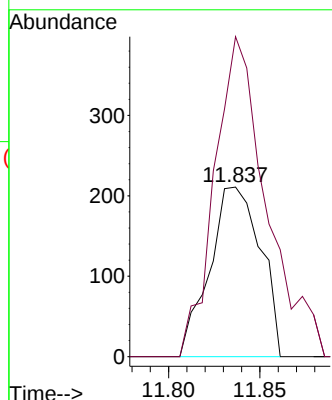
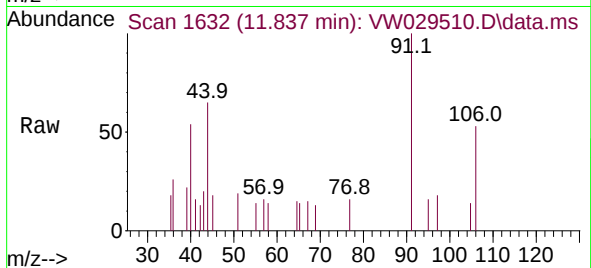




#53
m,p-Xylene
Concen: 0.329 ug/L
RT: 11.837 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW029510.D
Acq: 10 Jul 2024 16:38

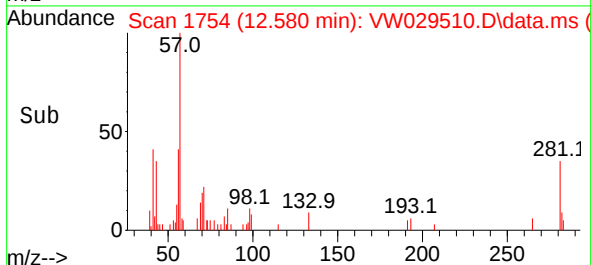
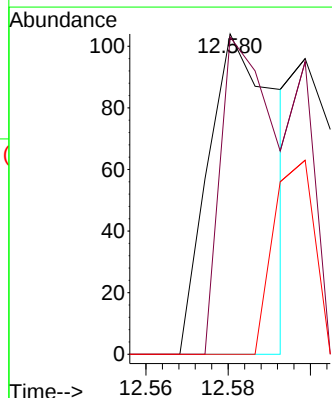
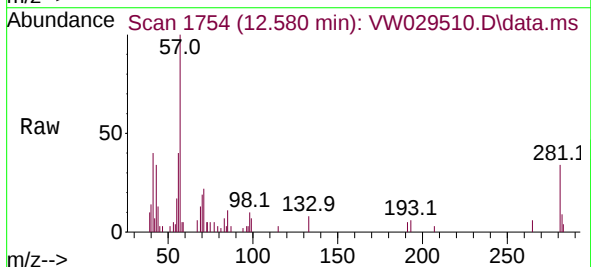
Instrument :
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ClientSampleId :

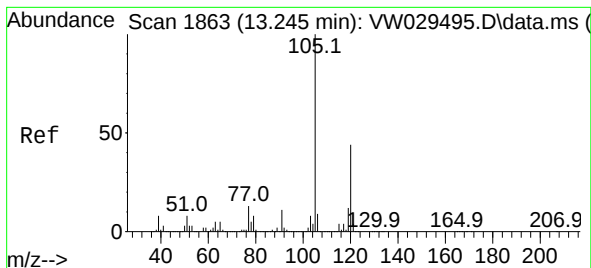
Tgt Ion:106 Resp: 409
Ion Ratio Lower Upper
106 100
91 188.6 149.3 277.3



#61
1,2,3-Trichloropropane
Concen: 0.648 ug/L
RT: 12.580 min Scan# 1754
Delta R.T. -0.183 min
Lab File: VW029510.D
Acq: 10 Jul 2024 16:38

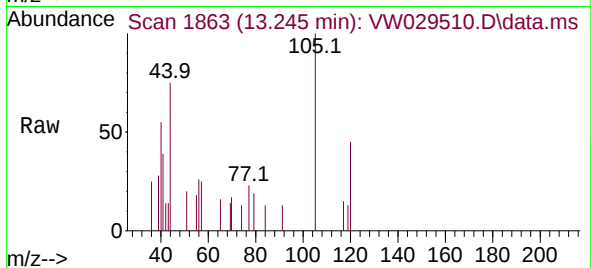
Tgt Ion: 75 Resp: 122
Ion Ratio Lower Upper
75 100
77 77.9 25.5 38.3#
110 0.0 29.1 43.7#



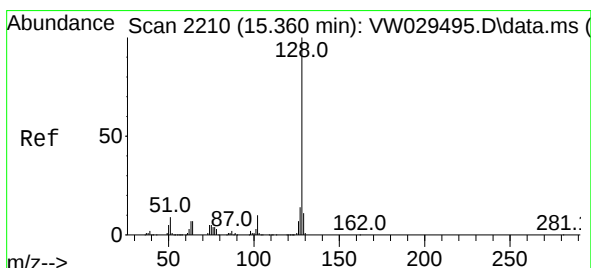
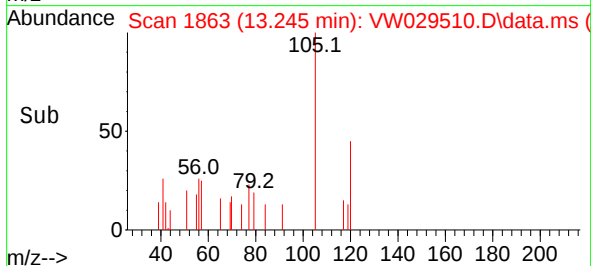
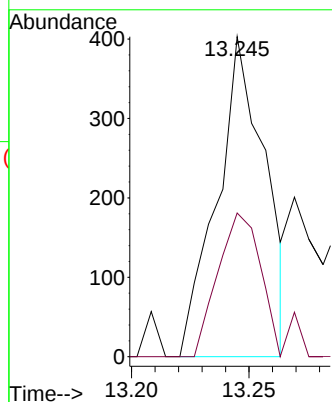


#63
1,2,4-Trimethylbenzene
Concen: 0.669 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029510.D
Acq: 10 Jul 2024 16:38

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:105 Resp: 575
Ion Ratio Lower Upper
105 100
120 39.7 34.7 52.1



#71
Naphthalene
Concen: 0.582 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029510.D
Acq: 10 Jul 2024 16:38

Tgt Ion:128 Resp: 344
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 10.2 9.0 13.4

