

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030032.D
 Acq On : 27 Aug 2024 09:56
 Operator : SY/MD
 Sample : P3721-05
 Misc : 4.70g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:12:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

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

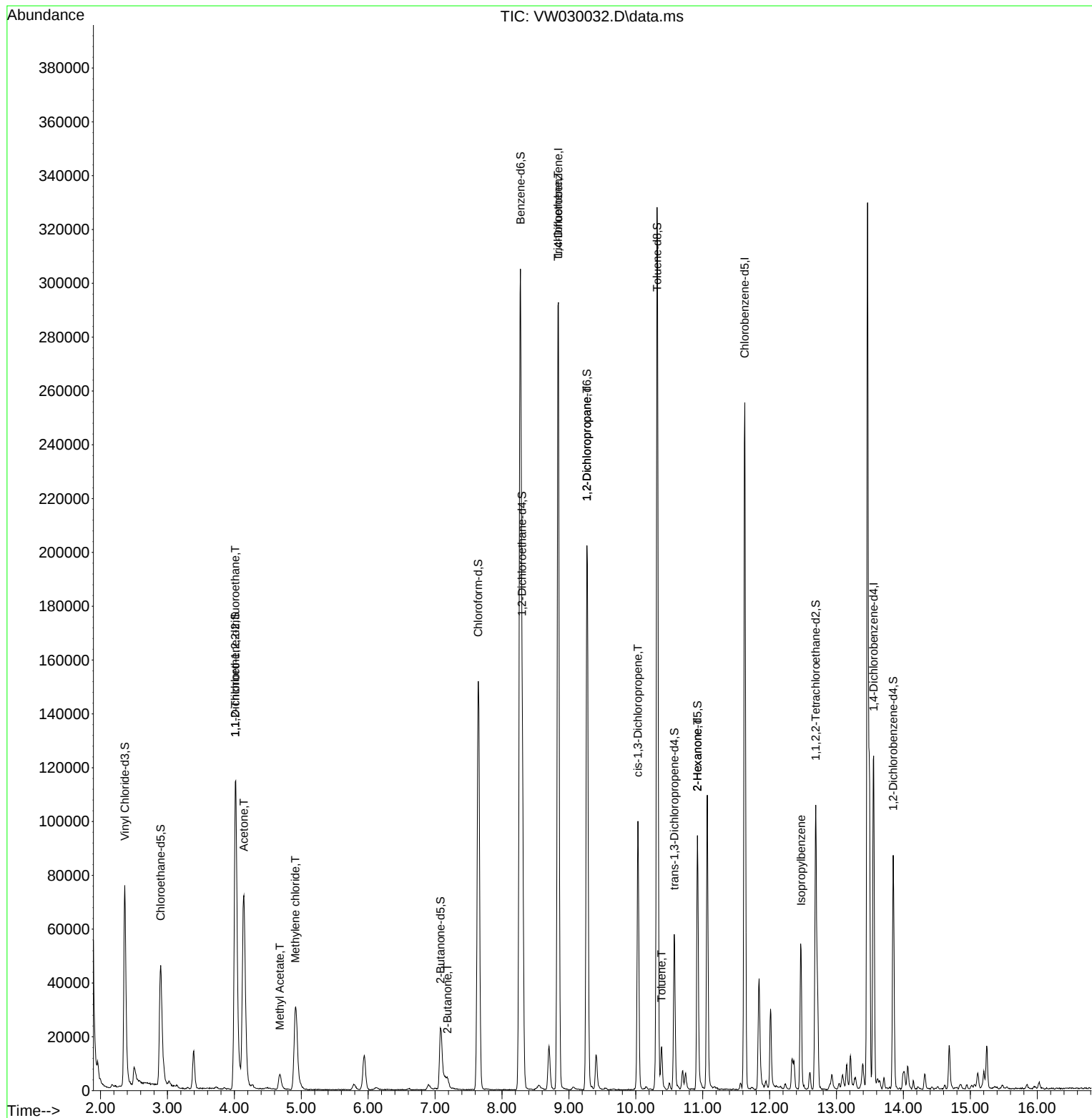
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	244479	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	138943	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	32646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	106504	29.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.080%
7) Chloroethane-d5	2.899	69	72331	28.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.040%
11) 1,1-Dichloroethene-d2	4.015	65	42177	27.134	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.520%
21) 2-Butanone-d5	7.081	46	41396	57.079	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.160%
24) Chloroform-d	7.642	84	162235	24.608	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.440%
26) 1,2-Dichloroethane-d4	8.301	65	90820	27.129	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.520%
32) Benzene-d6	8.276	84	313240	38.194	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	152.760%#
36) 1,2-Dichloropropane-d6	9.270	67	98004	40.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	163.160%#
41) Toluene-d8	10.319	98	211338	28.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.240%
43) trans-1,3-Dichloroprop...	10.575	79	32694	33.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	132.320%
47) 2-Hexanone-d5	10.922	63	32430	88.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.360%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	48900	27.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	21222	17.972	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.880%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	4.015	101	1188	0.371	ug/L #	22
13) Acetone	4.143	43	146813	221.323	ug/L	98
15) Methyl Acetate	4.679	43	10925	8.447	ug/L	99
16) Methylene chloride	4.911	84	26845	6.647	ug/L	96
22) 2-Butanone	7.185	43	6783	7.146	ug/L	98
34) Trichloroethene	8.837	95	7556	3.152	ug/L #	8
37) 1,2-Dichloropropane	9.270	63	11088	4.919	ug/L #	86
39) cis-1,3-Dichloropropene	10.032	75	2391	0.689	ug/L #	63
42) Toluene	10.386	91	10910	1.151	ug/L	98
48) 2-Hexanone	10.922	43	3881	4.865	ug/L #	63
60) Isopropylbenzene	12.471	105	2561	0.492	ug/L #	1

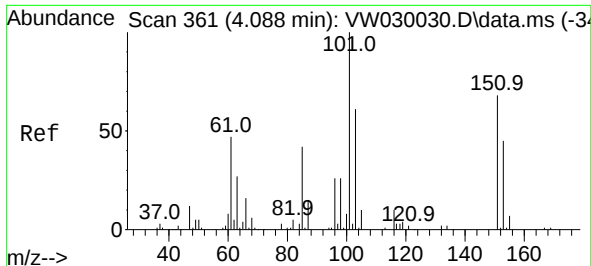
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Aug 28 01:11:30 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.371 ug/L

RT: 4.015 min Scan# 349

Delta R.T. -0.073 min

Lab File: VW030032.D

Acq: 27 Aug 2024 09:56

Instrument :

MSVOA_W

ClientSampleId :

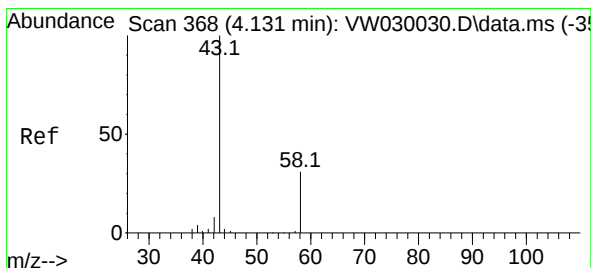
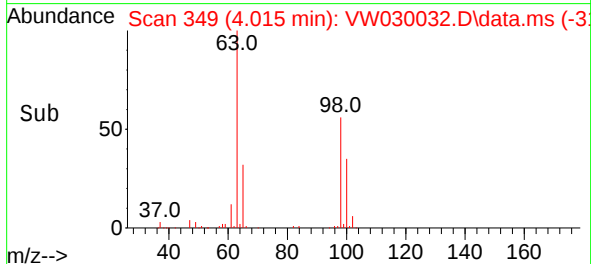
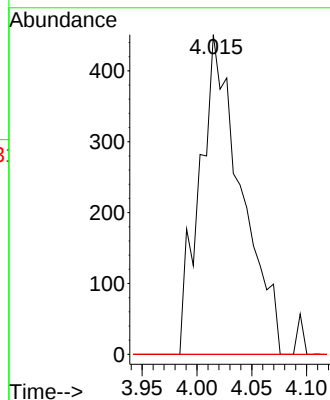
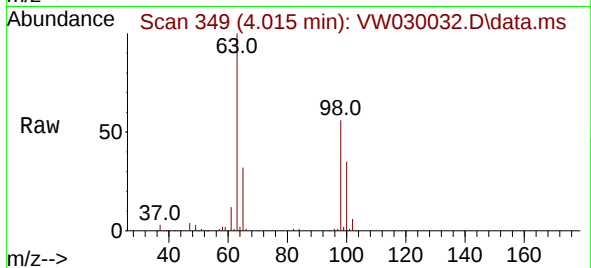
Tgt Ion:101 Resp: 1188

Ion Ratio Lower Upper

101 100

85 0.0 34.7 52.1#

151 0.0 54.8 82.2#



#13

Acetone

Concen: 221.323 ug/L

RT: 4.143 min Scan# 370

Delta R.T. 0.012 min

Lab File: VW030032.D

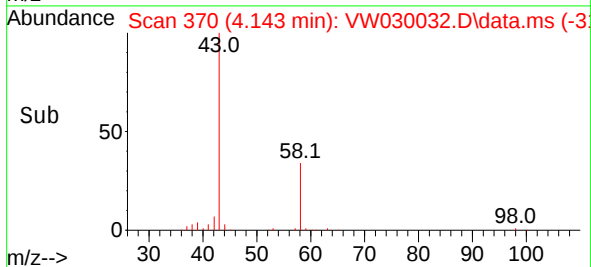
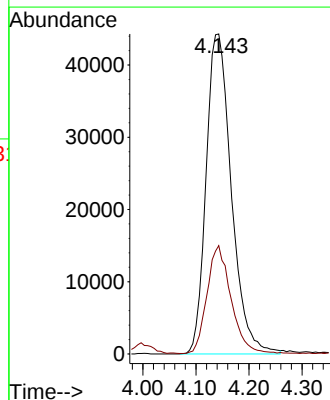
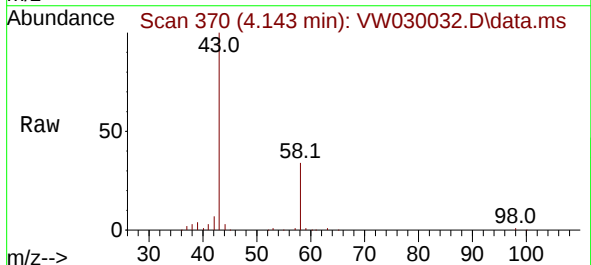
Acq: 27 Aug 2024 09:56

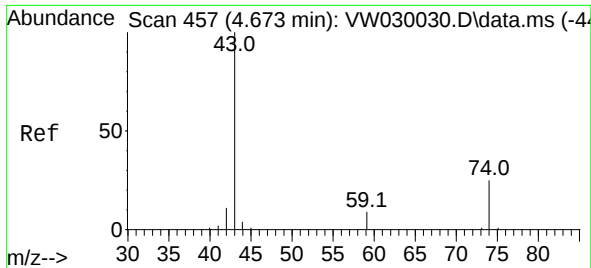
Tgt Ion: 43 Resp: 146813

Ion Ratio Lower Upper

43 100

58 31.9 0.0 66.4

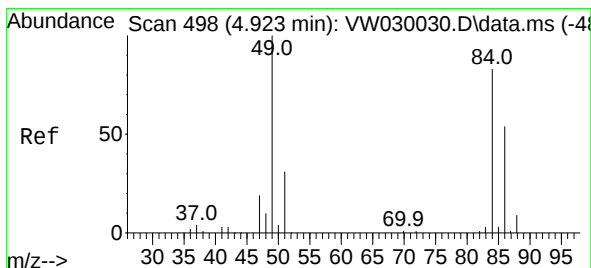
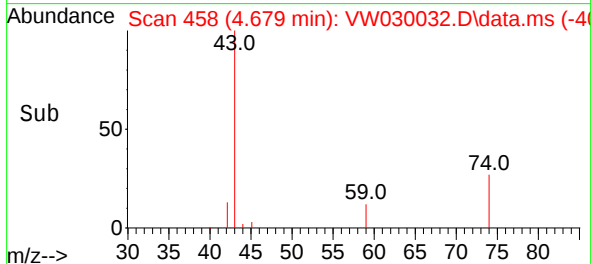
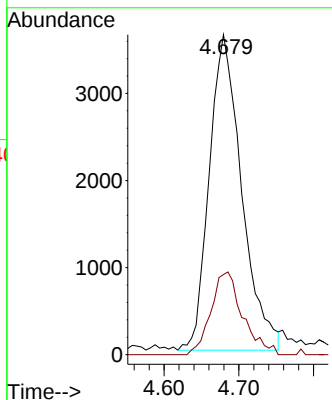
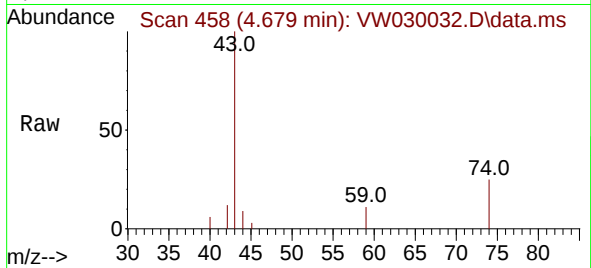




#15
Methyl Acetate
Concen: 8.447 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030032.D
Acq: 27 Aug 2024 09:56

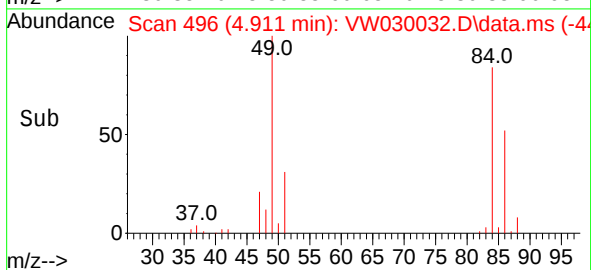
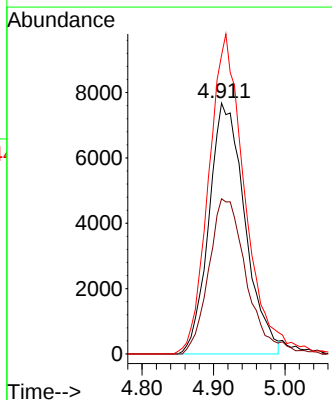
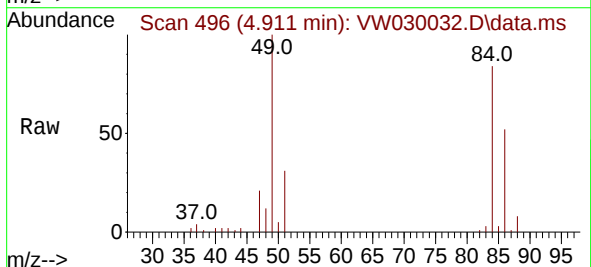
Instrument :
MSVOA_W
ClientSampleId :

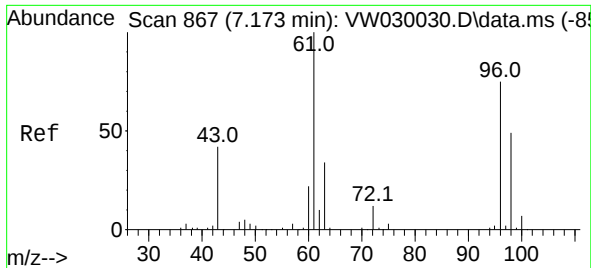
Tgt Ion: 43 Resp: 10925
Ion Ratio Lower Upper
43 100
74 25.2 19.9 29.9



#16
Methylene chloride
Concen: 6.647 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.012 min
Lab File: VW030032.D
Acq: 27 Aug 2024 09:56

Tgt Ion: 84 Resp: 26845
Ion Ratio Lower Upper
84 100
86 61.9 44.2 82.2
49 119.1 79.9 148.3

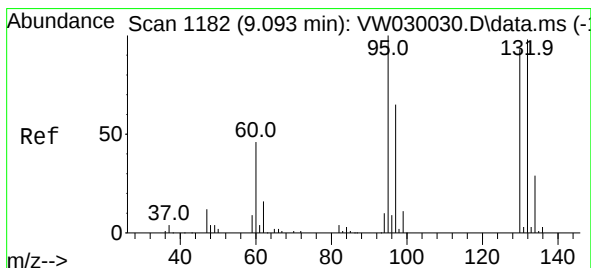
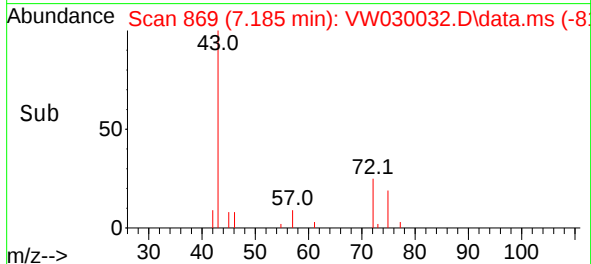
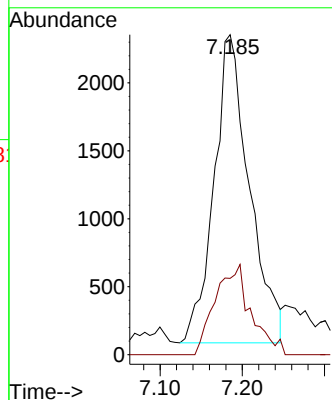
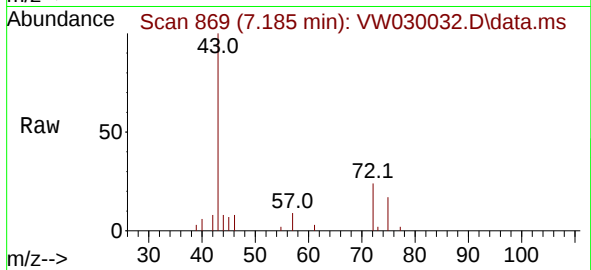




#22
2-Butanone
Concen: 7.146 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.012 min
Lab File: VW030032.D
Acq: 27 Aug 2024 09:56

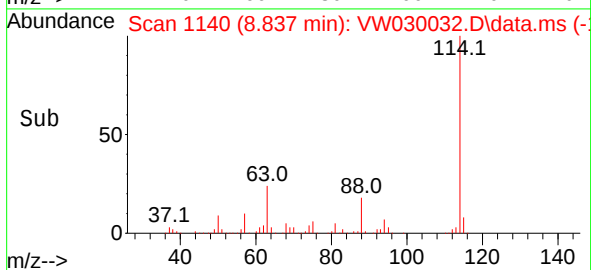
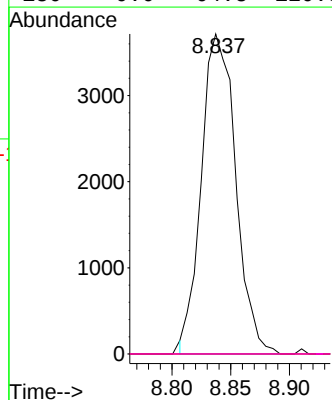
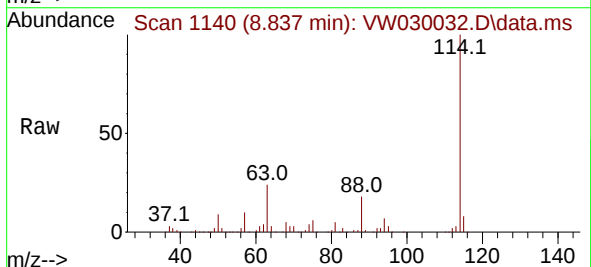
Instrument :
MSVOA_W
ClientSampleId :

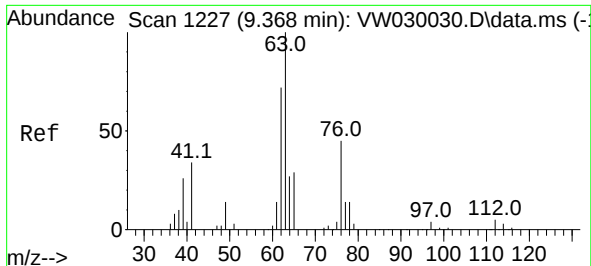
Tgt Ion: 43 Resp: 6783
Ion Ratio Lower Upper
43 100
72 28.9 15.0 45.1



#34
Trichloroethene
Concen: 3.152 ug/L
RT: 8.837 min Scan# 1140
Delta R.T. -0.256 min
Lab File: VW030032.D
Acq: 27 Aug 2024 09:56

Tgt Ion: 95 Resp: 7556
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: 4.919 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW030032.D

Acq: 27 Aug 2024 09:56

Instrument :

MSVOA_W

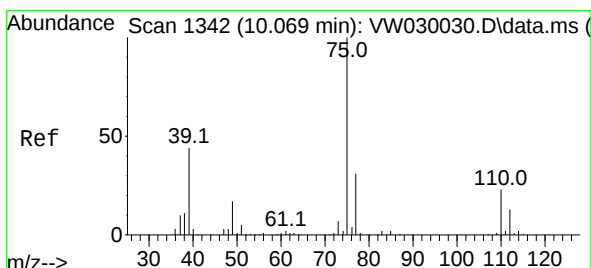
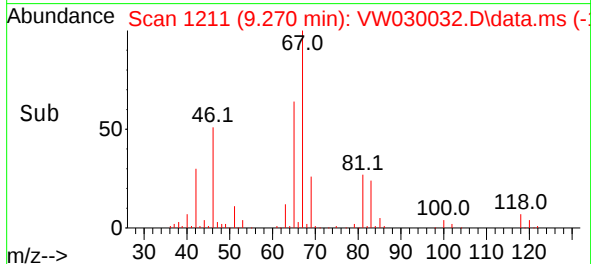
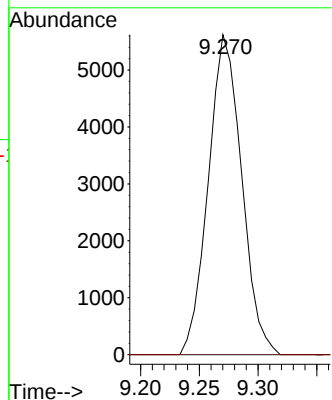
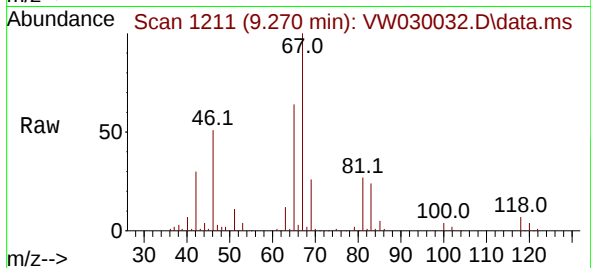
ClientSampleId :

Tgt Ion: 63 Resp: 11088

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.689 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW030032.D

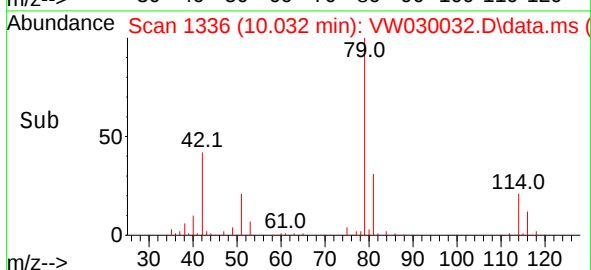
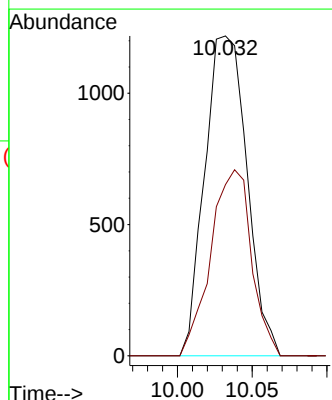
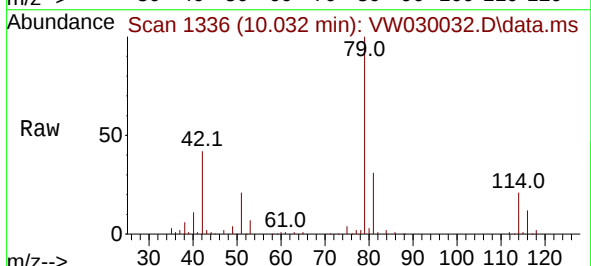
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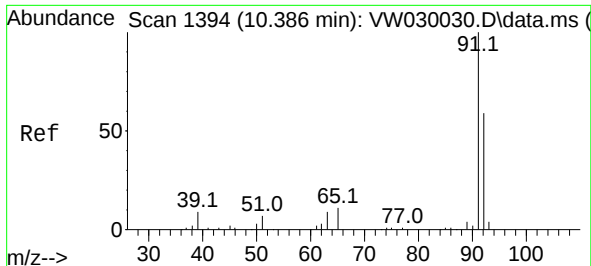
Tgt Ion: 75 Resp: 2391

Ion Ratio Lower Upper

75 100

77 53.5 22.8 42.4#





#42

Toluene

Concen: 1.151 ug/L

RT: 10.386 min Scan# 1482

Delta R.T. -0.000 min

Lab File: VW030032.D

Acq: 27 Aug 2024 09:56

Instrument :

MSVOA_W

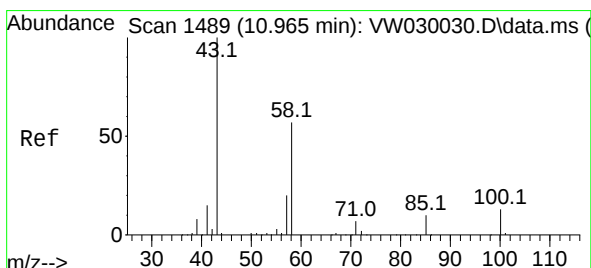
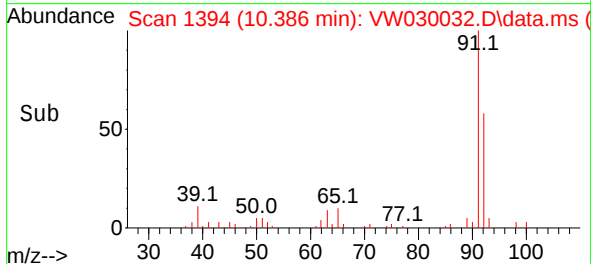
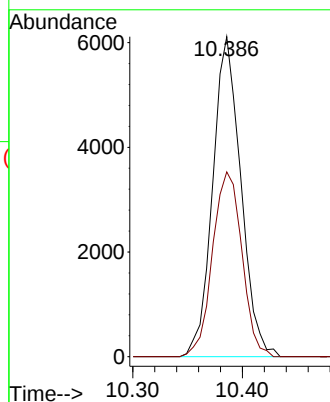
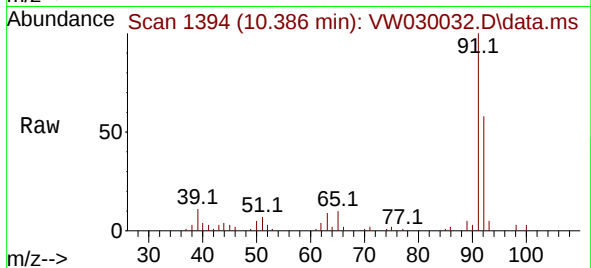
ClientSampleId :

Tgt Ion: 91 Resp: 10910

Ion Ratio Lower Upper

91 100

92 57.8 39.5 73.4



#48

2-Hexanone

Concen: 4.865 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW030032.D

Acq: 27 Aug 2024 09:56

Tgt Ion: 43 Resp: 3881

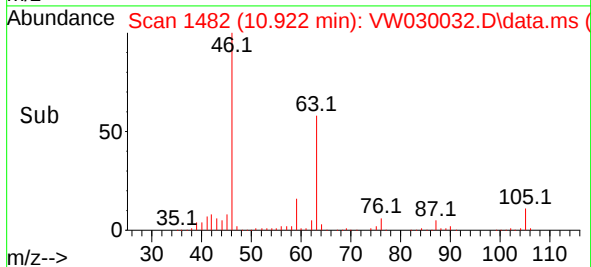
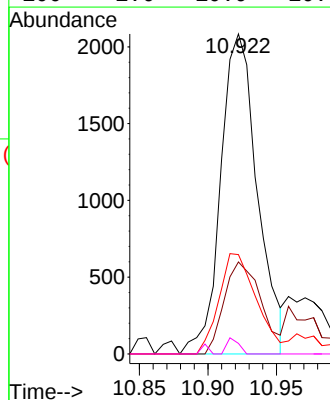
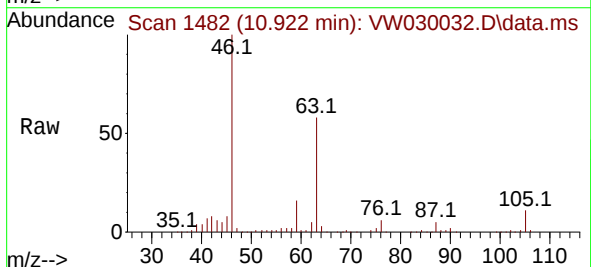
Ion Ratio Lower Upper

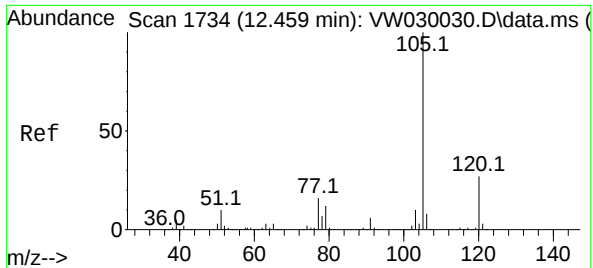
43 100

58 29.0 50.0 75.0#

57 32.0 17.3 25.9#

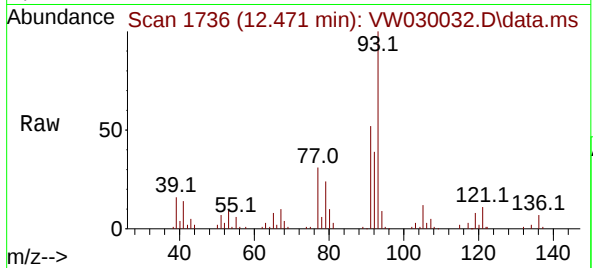
100 1.6 10.9 16.3#





#60
 Isopropylbenzene
 Concen: 0.492 ug/L
 RT: 12.471 min Scan# 1
 Delta R.T. 0.012 min
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Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	105	Resp:	2561
Ion Ratio	Lower	Upper	
105	100		
120	11.9	20.6	30.8#
77	252.2	12.6	18.8#

