

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030088.D
 Acq On : 28 Aug 2024 19:57
 Operator : SY/MD
 Sample : P3675-17
 Misc : 4.51g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 01:19:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 01:10:06 2024
 Response via : Initial Calibration

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

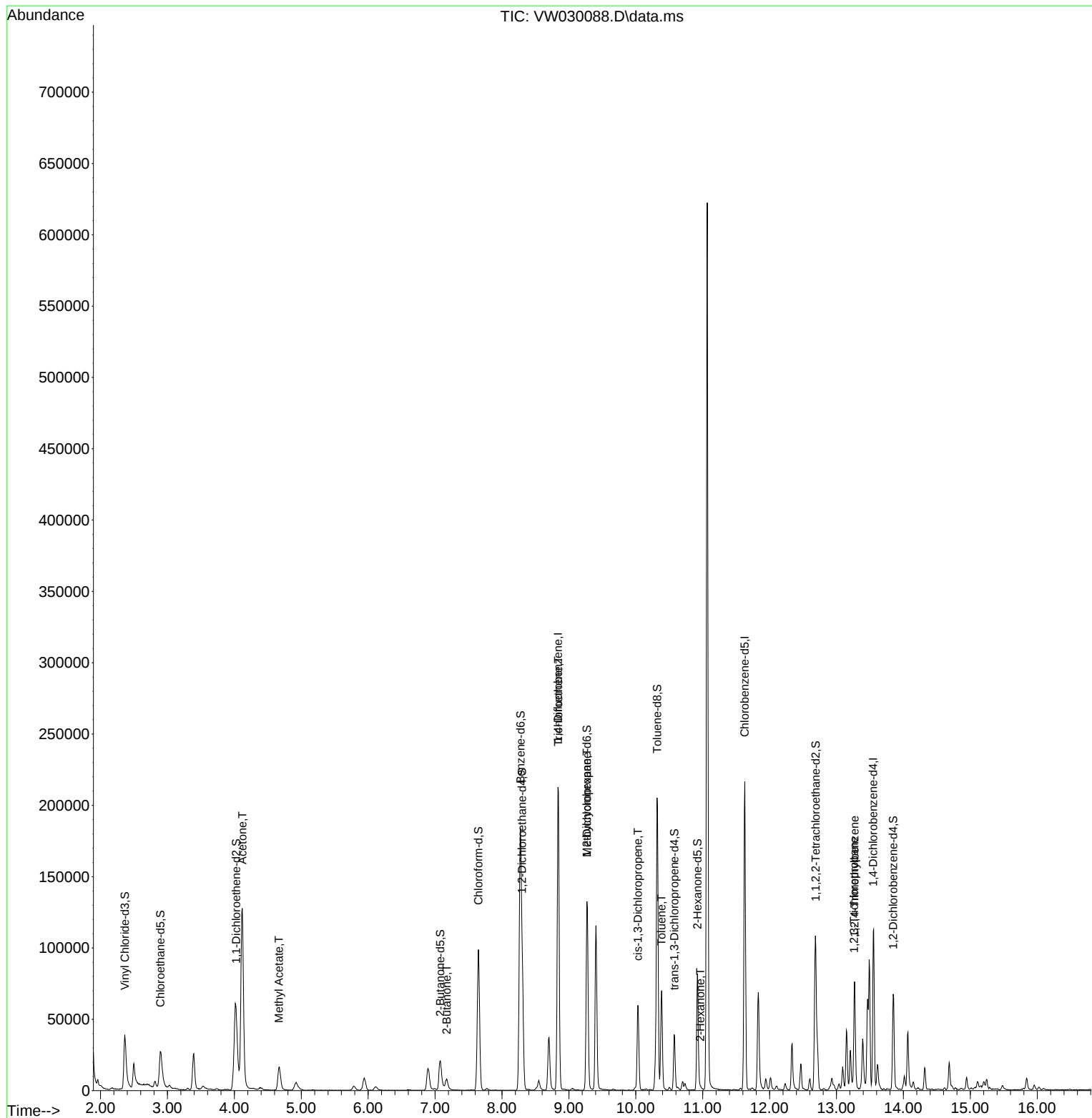
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	173416	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	112925	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	27958	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	58421	22.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.560%
7) Chloroethane-d5	2.893	69	42759	23.345	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	4.027	65	23631	21.433	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.720%
21) 2-Butanone-d5	7.075	46	36844	71.621	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.240%#
24) Chloroform-d	7.648	84	97985	20.952	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	8.301	65	60272	25.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.520%
32) Benzene-d6	8.276	84	184336	27.655	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.600%
36) 1,2-Dichloropropane-d6	9.270	67	62863	32.190	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.760%#
41) Toluene-d8	10.319	98	130484	21.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.040%
43) trans-1,3-Dichloroprop...	10.575	79	21254	26.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.840%
47) 2-Hexanone-d5	10.922	63	26413	88.371	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.740%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	38871	27.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	15788	15.612	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.440%#
Target Compounds						Qvalue
13) Acetone	4.118	43	218067	463.452	ug/L	97
15) Methyl Acetate	4.667	43	31728	34.585	ug/L	96
22) 2-Butanone	7.173	43	13063	19.401	ug/L	92
34) Trichloroethene	8.843	95	5612	2.881	ug/L #	8
35) Methylcyclohexane	9.270	83	14442	4.526	ug/L #	22
39) cis-1,3-Dichloropropene	10.032	75	1647	0.584	ug/L #	79
42) Toluene	10.386	91	49832	6.468	ug/L	99
48) 2-Hexanone	10.965	43	1157	1.785	ug/L #	83
61) 1,2,3-Trichloropropane	13.263	75	378	0.665	ug/L #	1
63) 1,2,4-Trimethylbenzene	13.269	105	7030	2.011	ug/L #	41

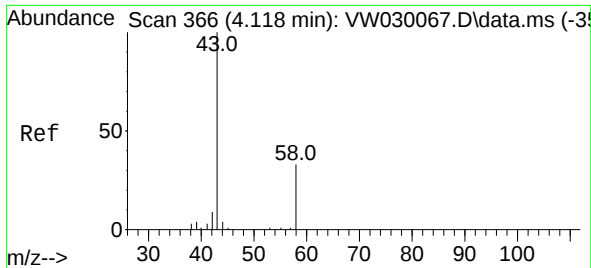
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

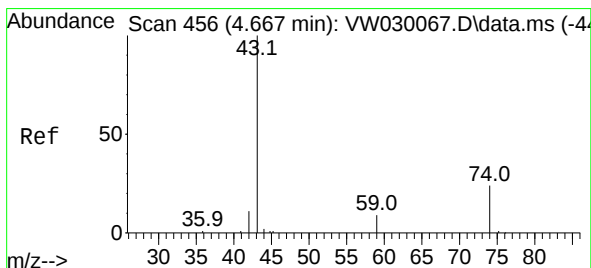
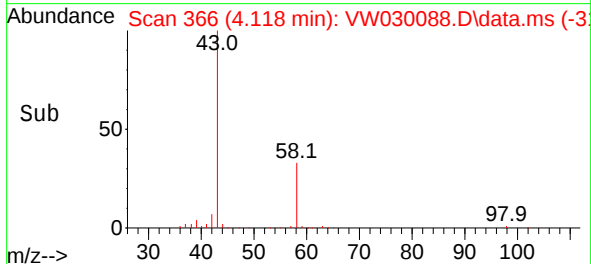
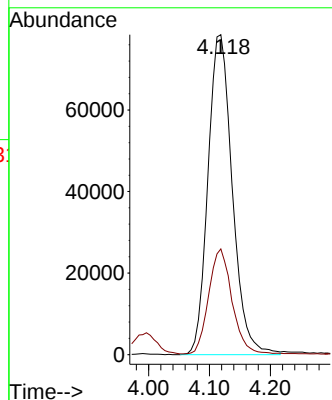
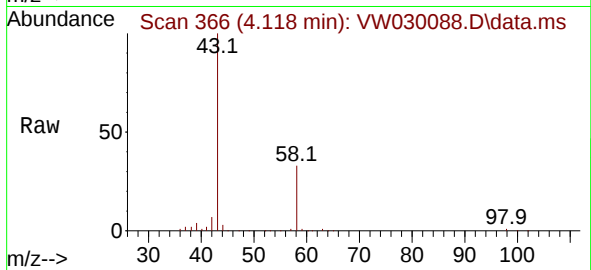




#13
Acetone
Concen: 463.452 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW030088.D
Acq: 28 Aug 2024 19:57

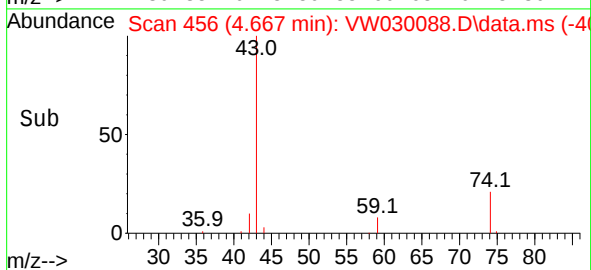
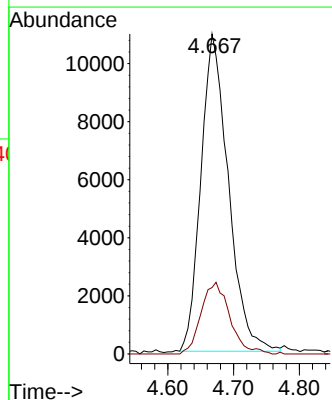
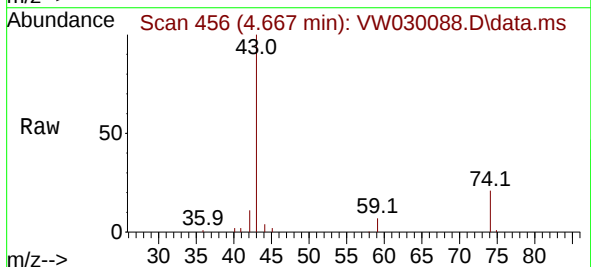
Instrument :
MSVOA_W
ClientSampleId :

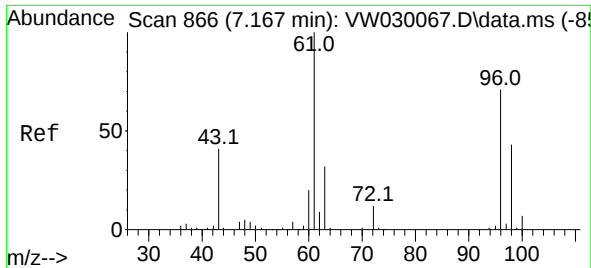
Tgt Ion: 43 Resp: 218067
Ion Ratio Lower Upper
43 100
58 31.3 0.0 66.4



#15
Methyl Acetate
Concen: 34.585 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW030088.D
Acq: 28 Aug 2024 19:57

Tgt Ion: 43 Resp: 31728
Ion Ratio Lower Upper
43 100
74 23.1 19.9 29.9

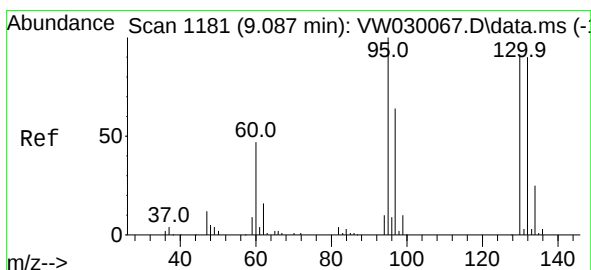
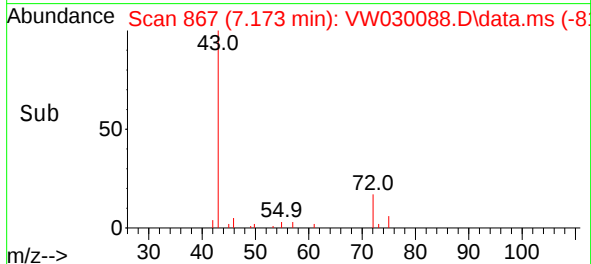
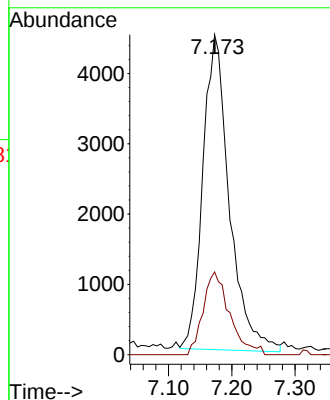
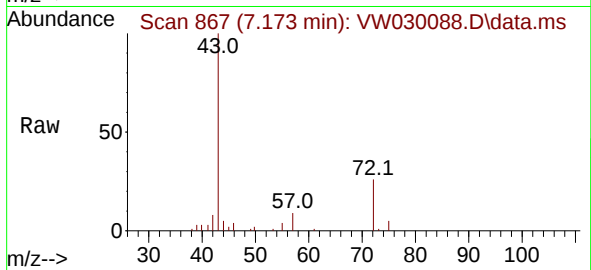




#22
2-Butanone
Concen: 19.401 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030088.D
Acq: 28 Aug 2024 19:57

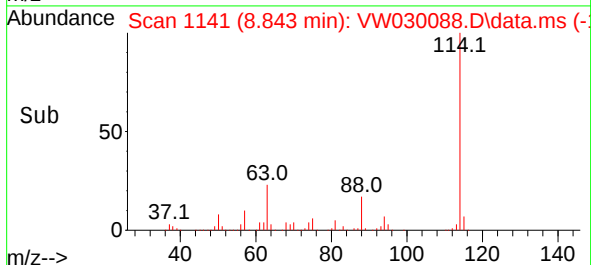
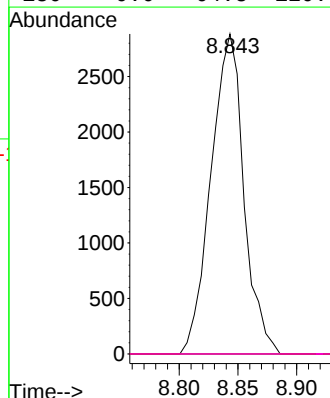
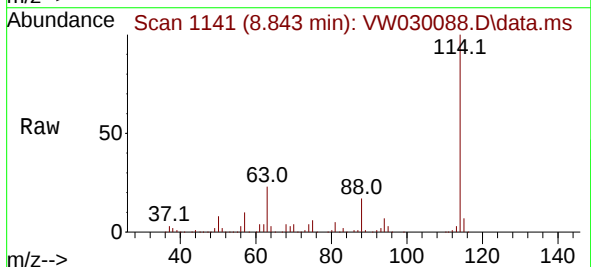
Instrument :
MSVOA_W
ClientSampleId :

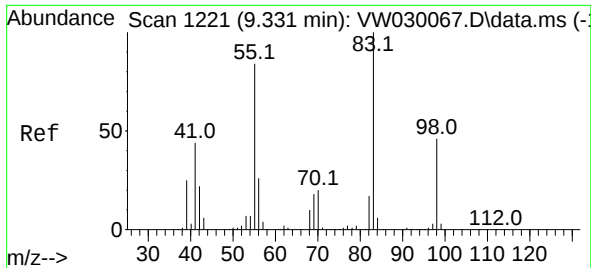
Tgt Ion: 43 Resp: 13063
Ion Ratio Lower Upper
43 100
72 25.8 15.0 45.1



#34
Trichloroethene
Concen: 2.881 ug/L
RT: 8.843 min Scan# 1141
Delta R.T. -0.244 min
Lab File: VW030088.D
Acq: 28 Aug 2024 19:57

Tgt Ion: 95 Resp: 5612
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#





#35

Methylcyclohexane

Concen: 4.526 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW030088.D

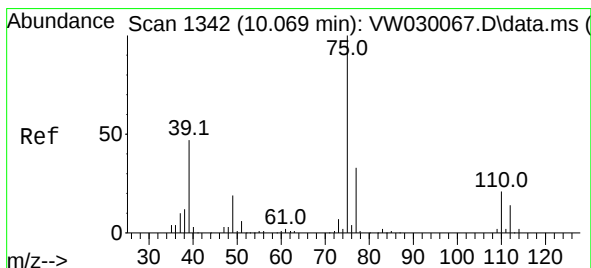
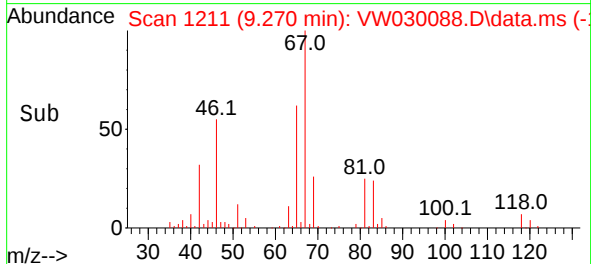
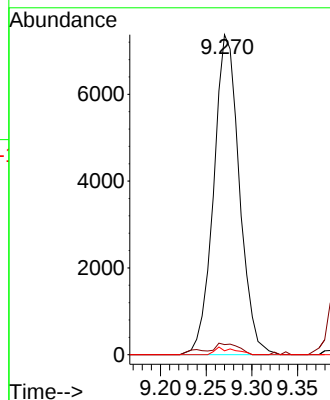
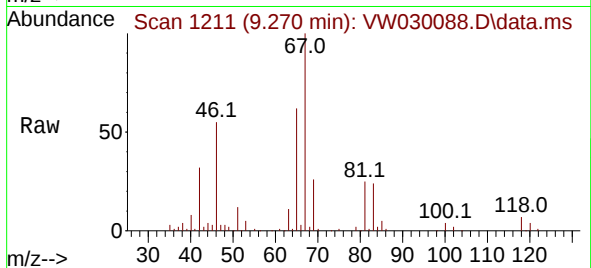
Acq: 28 Aug 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	14442
Ion	Ratio	Lower	Upper
83	100		
55	3.2	59.0	88.6#
98	0.9	38.2	57.4#



#39

cis-1,3-Dichloropropene

Concen: 0.584 ug/L

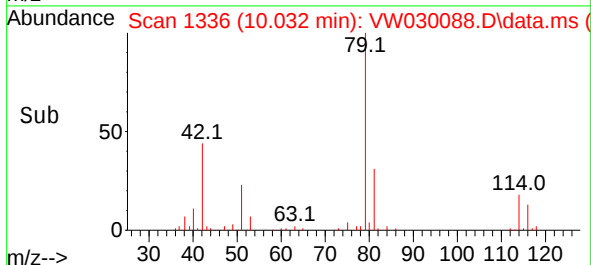
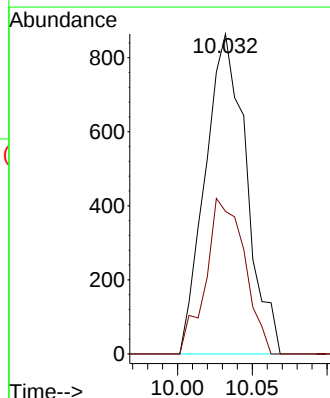
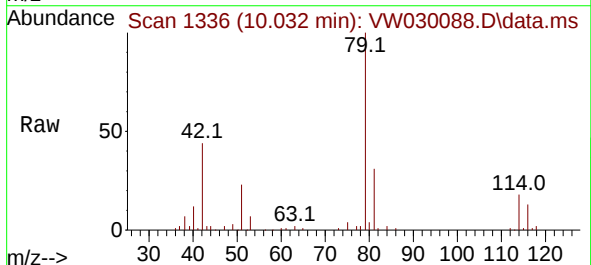
RT: 10.032 min Scan# 1336

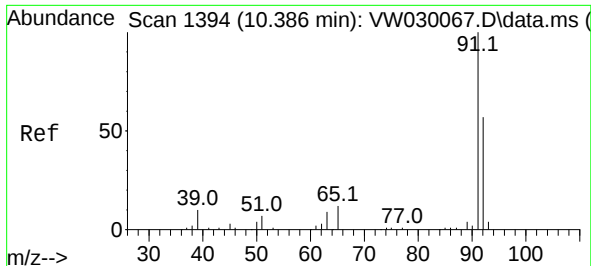
Delta R.T. -0.037 min

Lab File: VW030088.D

Acq: 28 Aug 2024 19:57

Tgt Ion:	75	Resp:	1647
Ion	Ratio	Lower	Upper
75	100		
77	44.6	22.8	42.4#





#42

Toluene

Concen: 6.468 ug/L

RT: 10.386 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030088.D

Acq: 28 Aug 2024 19:57

Instrument :

MSVOA_W

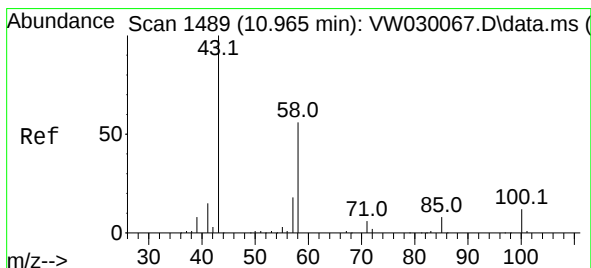
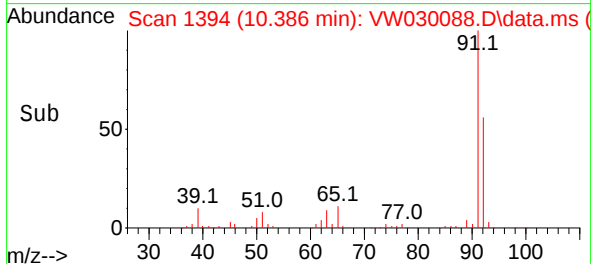
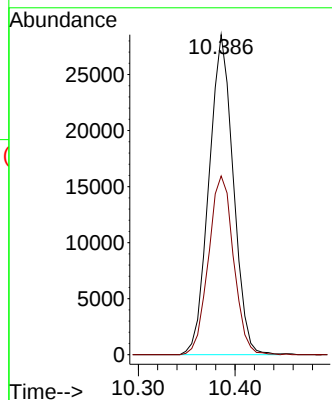
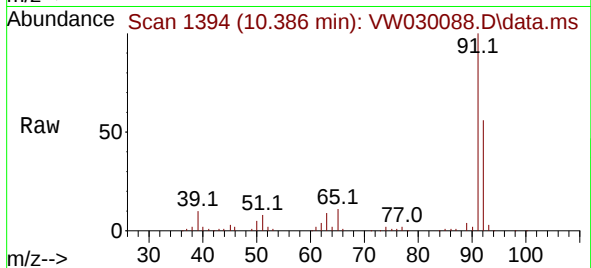
ClientSampleId :

Tgt Ion: 91 Resp: 49832

Ion Ratio Lower Upper

91 100

92 55.8 39.5 73.4



#48

2-Hexanone

Concen: 1.785 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030088.D

Acq: 28 Aug 2024 19:57

Tgt Ion: 43 Resp: 1157

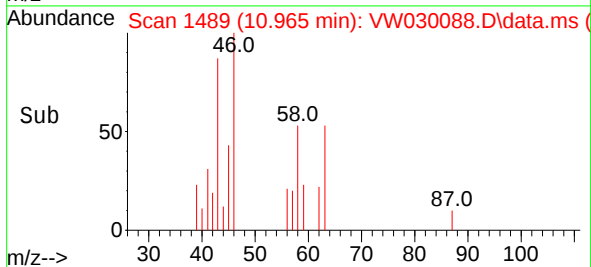
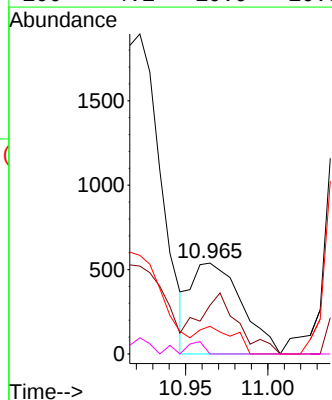
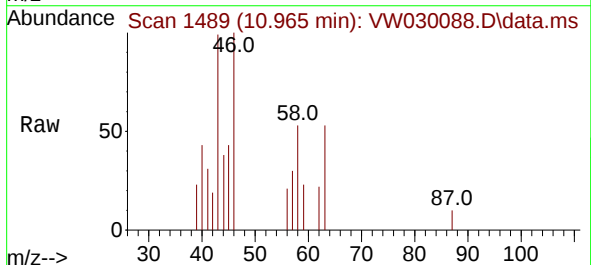
Ion Ratio Lower Upper

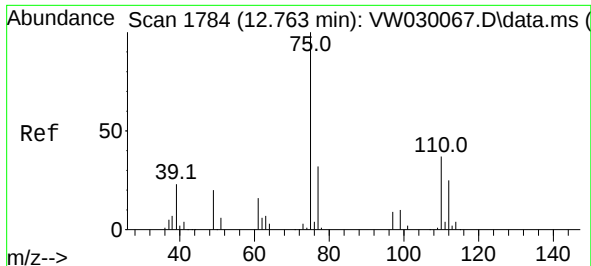
43 100

58 48.2 50.0 75.0#

57 17.1 17.3 25.9#

100 4.1 10.9 16.3#





#61

1,2,3-Trichloropropane

Concen: 0.665 ug/L

RT: 13.263 min Scan# 1866

Delta R.T. 0.500 min

Lab File: VW030088.D

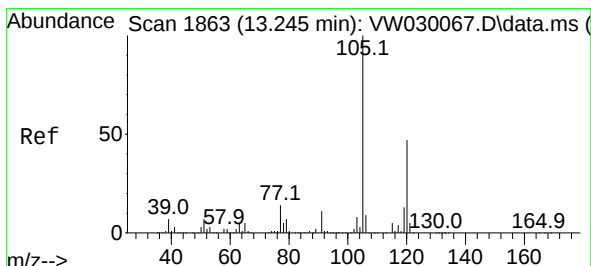
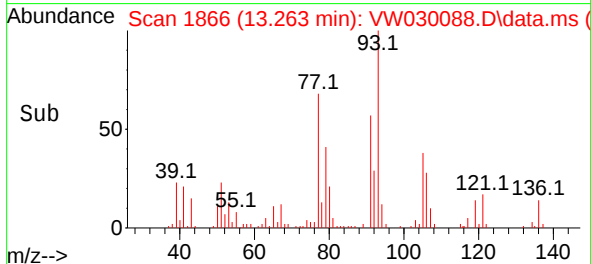
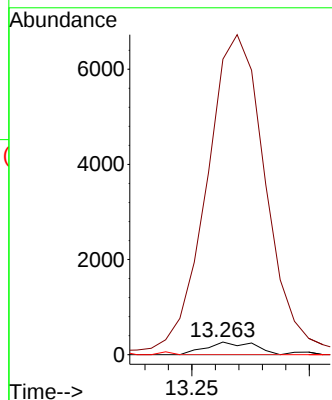
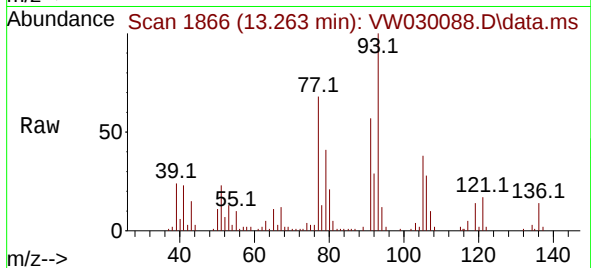
Acq: 28 Aug 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	378
Ion Ratio	Lower	Upper	
75	100		
77	3156.1	26.0	39.0#
110	0.0	31.0	46.4#



#63

1,2,4-Trimethylbenzene

Concen: 2.011 ug/L

RT: 13.269 min Scan# 1867

Delta R.T. 0.024 min

Lab File: VW030088.D

Acq: 28 Aug 2024 19:57

Tgt Ion:	105	Resp:	7030
Ion Ratio	Lower	Upper	
105	100		
120	6.3	36.3	54.5#

