

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037389.D
 Acq On : 19 Sep 2024 17:51
 Operator : SY/MD
 Sample : P3988-05 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 02:00:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:54:17 2024
 Response via : Initial Calibration

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

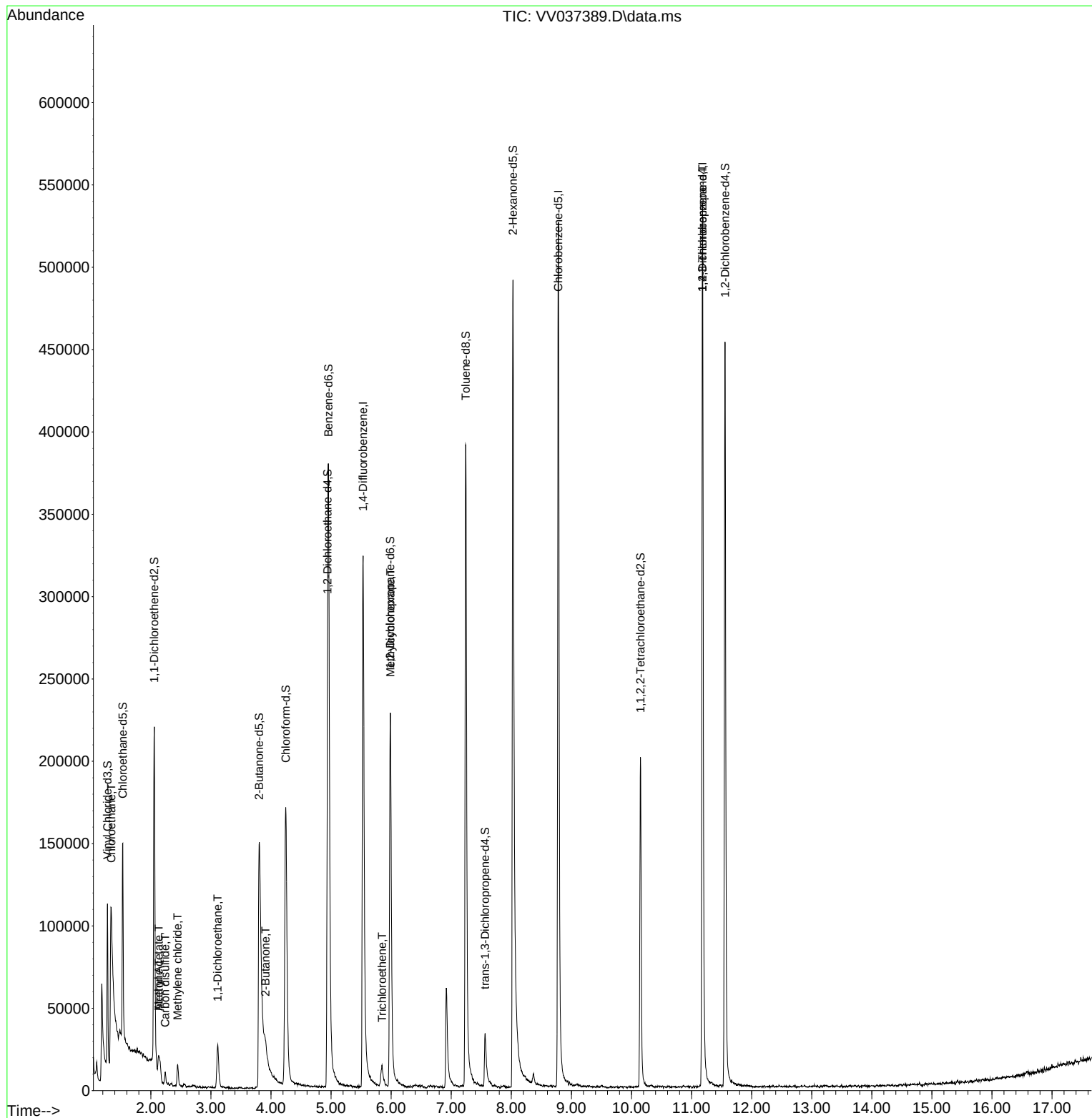
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	312208	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	313448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	146668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63168	3.449	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.532	69	77420	4.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.056	65	34141	3.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.802	46	257231	46.992	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.980%
24) Chloroform-d	4.246	84	193625	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.941	65	96901	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.957	84	358548	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.985	67	121894	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.239	98	289330	3.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.564	79	24677	2.870	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.400%
46) 2-Hexanone-d5	8.027	63	201742	48.031	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.060%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103438	4.856	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	122407	4.694	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
8) Chloroethane	1.339	64	253126	13.841	ug/L #	51
13) Acetone	2.130	43	16786	4.404	ug/L	99
14) Carbon disulfide	2.240	76	9767	0.142	ug/L	99
15) Methyl Acetate	2.130	43	16669	1.909	ug/L #	50
16) Methylene chloride	2.445	84	5841	0.232	ug/L	97
19) 1,1-Dichloroethane	3.111	63	27755	0.631	ug/L	99
21) 2-Butanone	3.908	43	45264	7.814	ug/L	88
34) Trichloroethene	5.850	95	3500	0.138	ug/L	88
35) Methylcyclohexane	5.989	83	29142	0.753	ug/L #	19
61) 1,2,3-Trichloropropane	11.181	75	17807	1.334	ug/L #	65

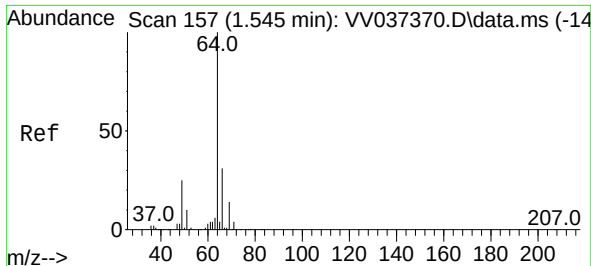
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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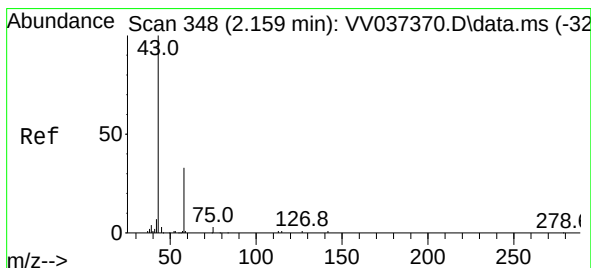
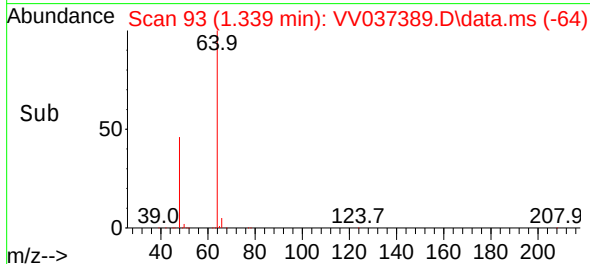
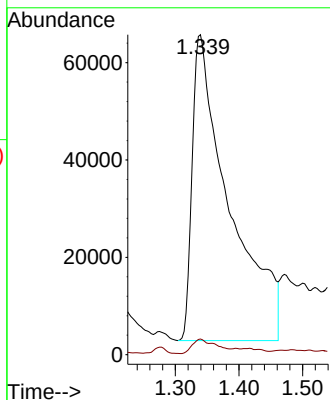
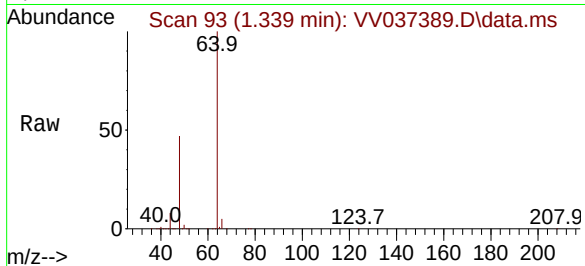




#8
Chloroethane
Concen: 13.841 ug/L
RT: 1.339 min Scan# 91
Delta R.T. -0.206 min
Lab File: VV037389.D
Acq: 19 Sep 2024 17:51

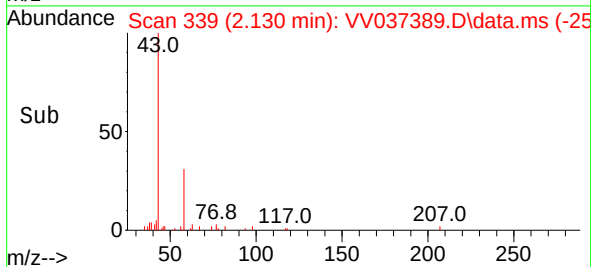
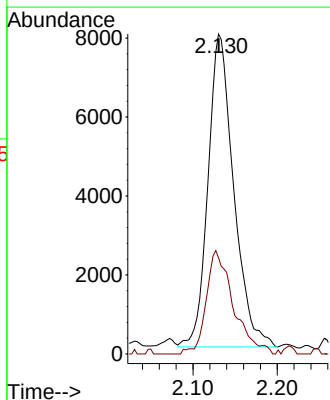
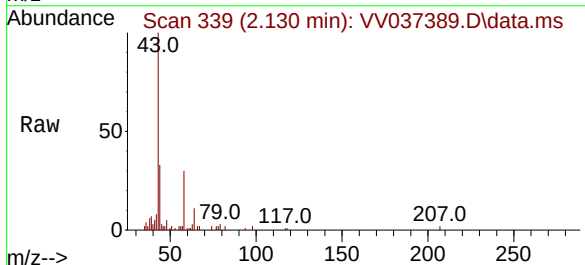
Instrument :
MSVOA_V
ClientSampleId :

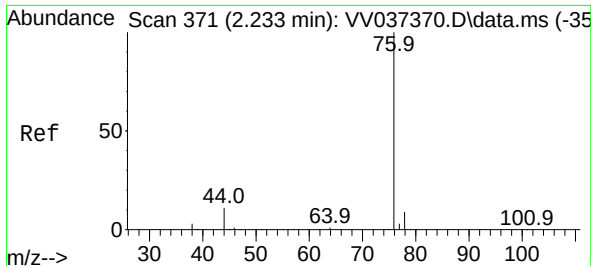
Tgt Ion: 64 Resp: 253126
Ion Ratio Lower Upper
64 100
66 4.9 22.7 42.1#



#13
Acetone
Concen: 4.404 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.029 min
Lab File: VV037389.D
Acq: 19 Sep 2024 17:51

Tgt Ion: 43 Resp: 16786
Ion Ratio Lower Upper
43 100
58 34.9 0.0 69.2

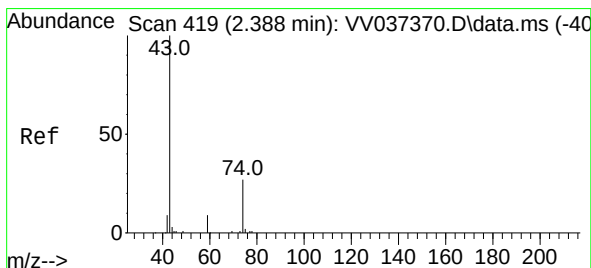
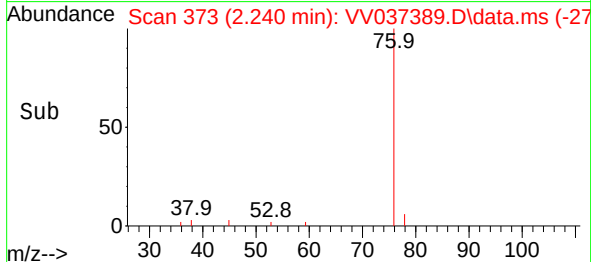
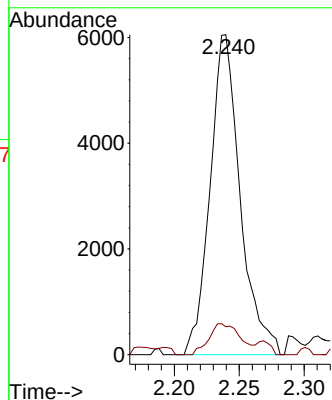
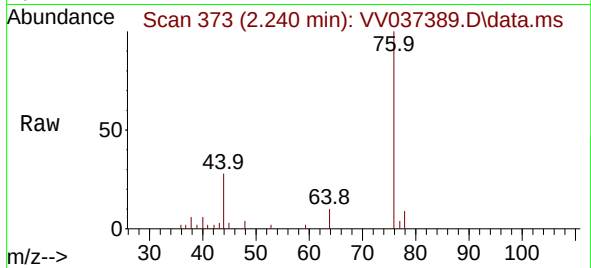




#14
Carbon disulfide
Concen: 0.142 ug/L
RT: 2.240 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV037389.D
Acq: 19 Sep 2024 17:51

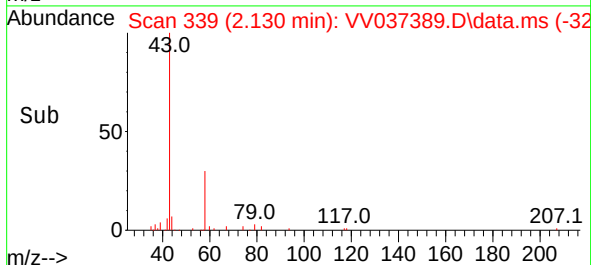
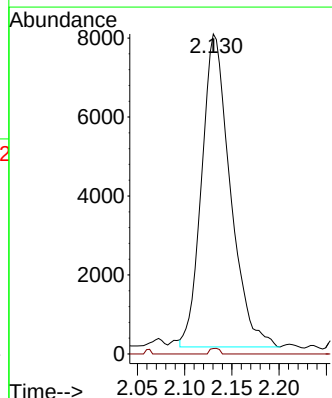
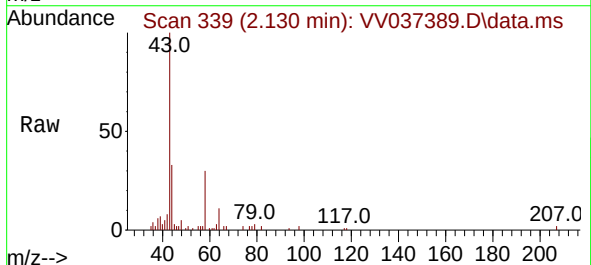
Instrument :
MSVOA_V
ClientSampleId :

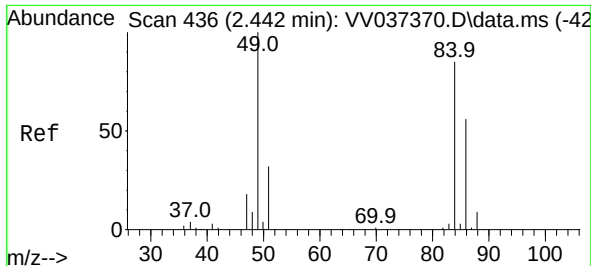
Tgt Ion: 76 Resp: 9767
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#15
Methyl Acetate
Concen: 1.909 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.257 min
Lab File: VV037389.D
Acq: 19 Sep 2024 17:51

Tgt Ion: 43 Resp: 16669
Ion Ratio Lower Upper
43 100
74 0.6 21.0 31.4#

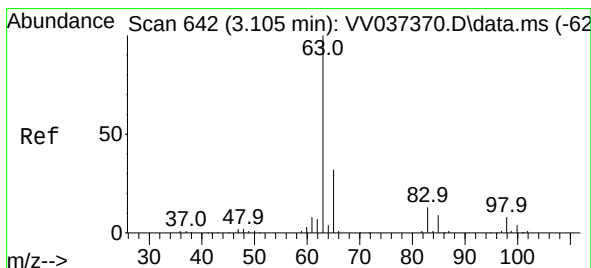
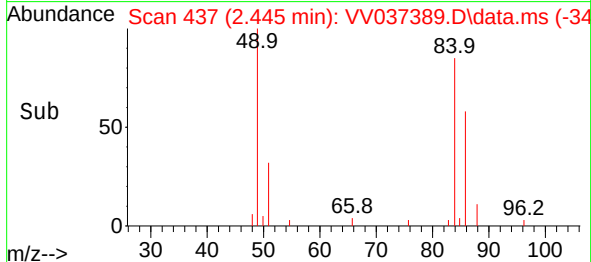
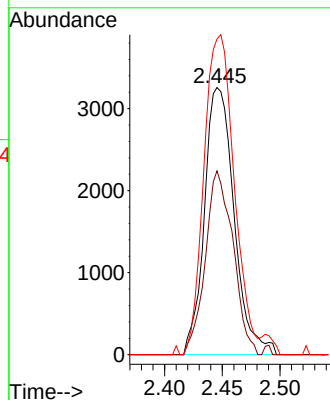
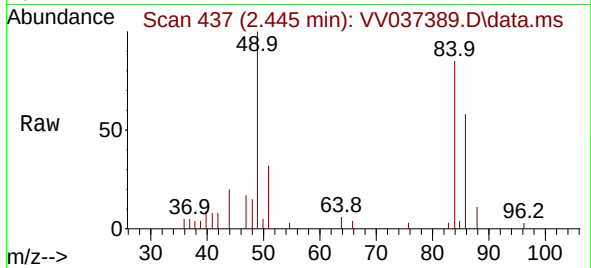




#16
Methylene chloride
Concen: 0.232 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV037389.D
Acq: 19 Sep 2024 17:51

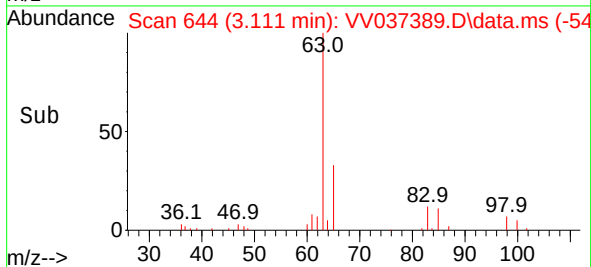
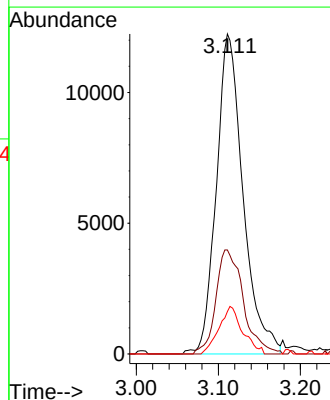
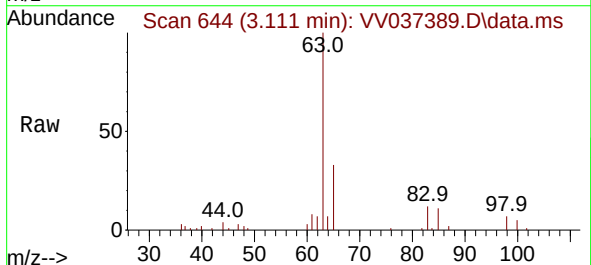
Instrument :
MSVOA_V
ClientSampleId :

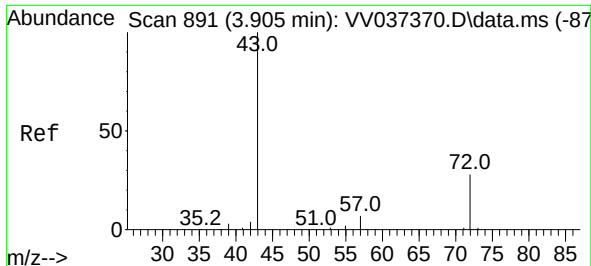
Tgt Ion: 84 Resp: 5841
Ion Ratio Lower Upper
84 100
86 68.8 44.0 81.8
49 118.1 83.0 154.1



#19
1,1-Dichloroethane
Concen: 0.631 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV037389.D
Acq: 19 Sep 2024 17:51

Tgt Ion: 63 Resp: 27755
Ion Ratio Lower Upper
63 100
65 32.5 22.5 41.7
83 13.3 8.9 16.5





#21

2-Butanone

Concen: 7.814 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV037389.D

Acq: 19 Sep 2024 17:51

Instrument :

MSVOA_V

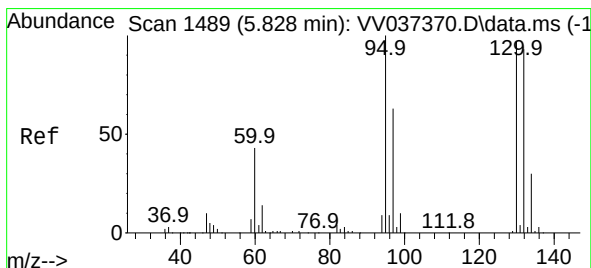
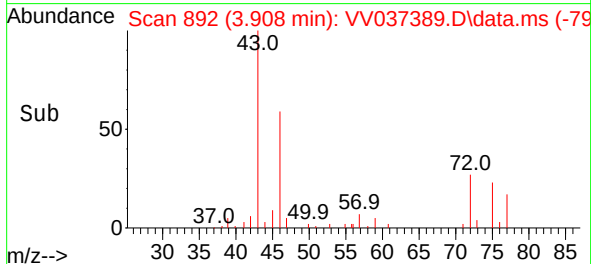
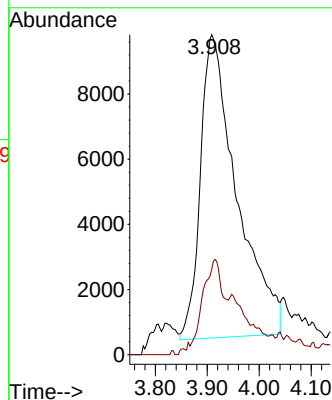
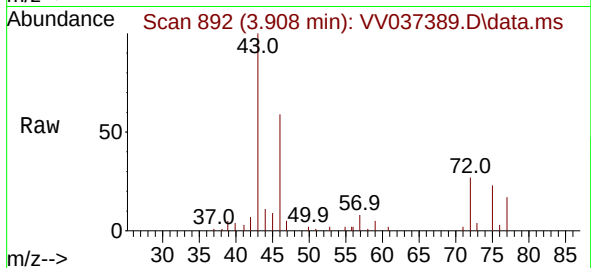
ClientSampleId :

Tgt Ion: 43 Resp: 45264

Ion Ratio Lower Upper

43 100

72 18.6 12.2 36.6



#34

Trichloroethene

Concen: 0.138 ug/L

RT: 5.850 min Scan# 1496

Delta R.T. 0.022 min

Lab File: VV037389.D

Acq: 19 Sep 2024 17:51

Tgt Ion: 95 Resp: 3500

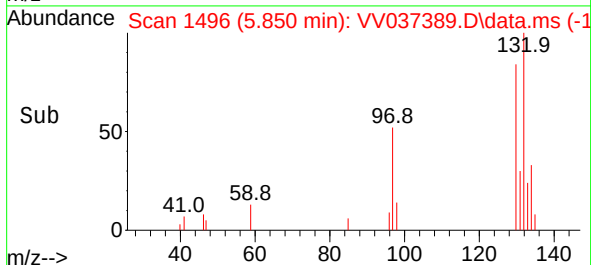
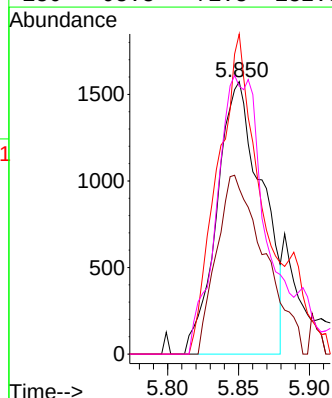
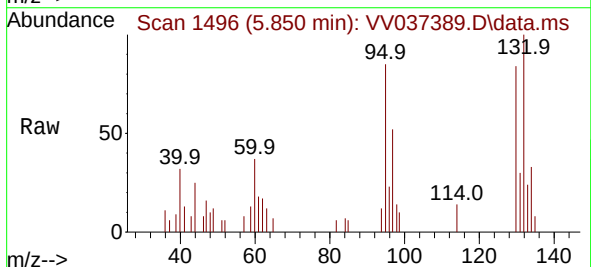
Ion Ratio Lower Upper

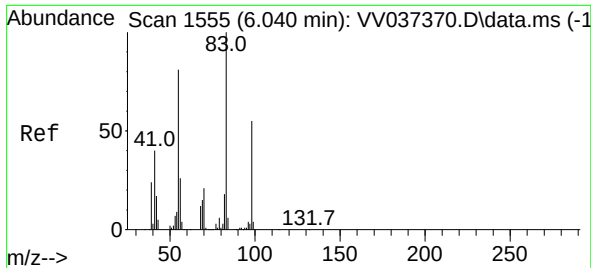
95 100

97 60.7 46.5 86.5

132 117.5 65.5 121.7

130 98.3 71.3 132.3





#35

Methylcyclohexane

Concen: 0.753 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.052 min

Lab File: VV037389.D

Acq: 19 Sep 2024 17:51

Instrument :

MSVOA_V

ClientSampleId :

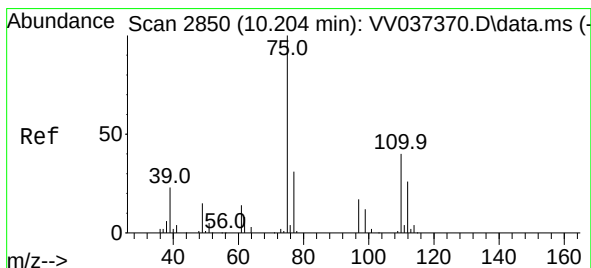
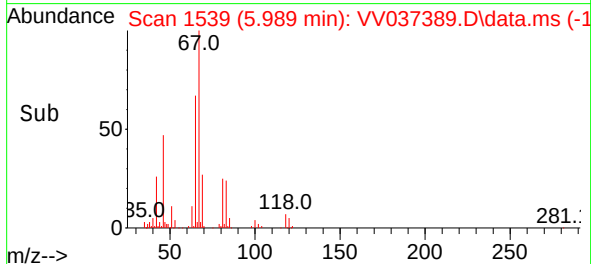
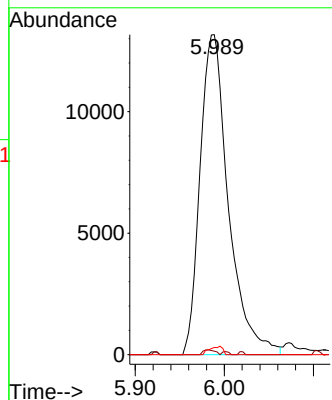
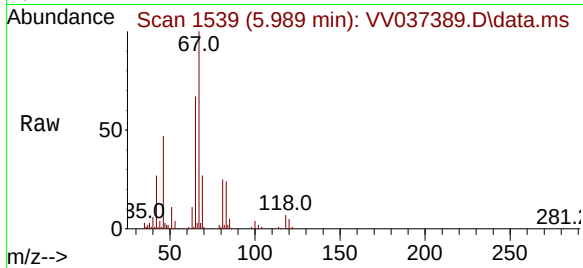
Tgt Ion: 83 Resp: 29142

Ion Ratio Lower Upper

83 100

55 0.2 60.3 90.5#

98 1.2 38.2 57.4#



#61

1,2,3-Trichloropropane

Concen: 1.334 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV037389.D

Acq: 19 Sep 2024 17:51

Tgt Ion: 75 Resp: 17807

Ion Ratio Lower Upper

75 100

77 35.6 25.6 38.4

110 3.2 31.0 46.4#

