

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037353.D
 Acq On : 18 Sep 2024 23:54
 Operator : SY/MD
 Sample : P3988-14 50X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 04:00:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

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

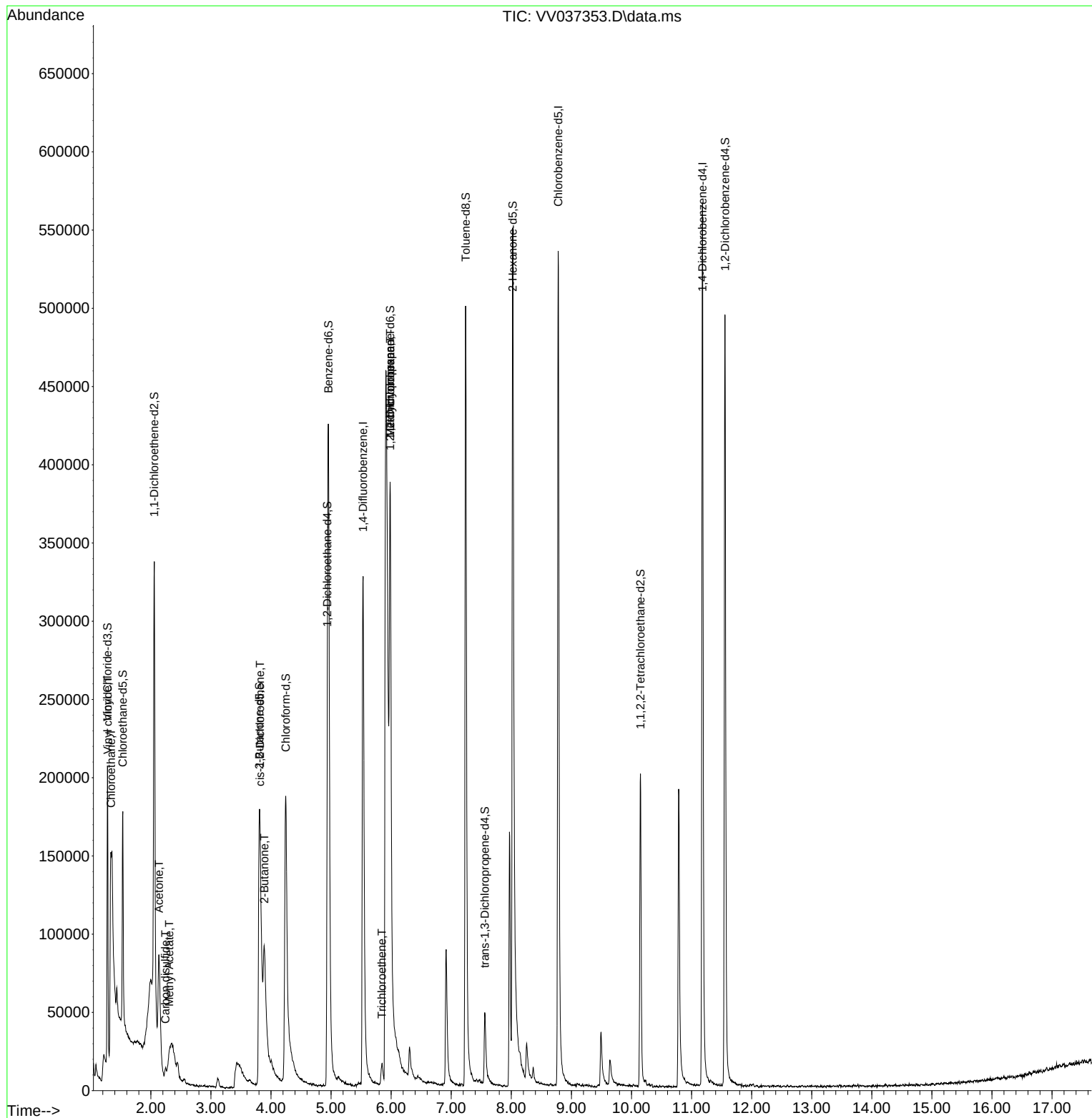
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	306162	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	316561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	150138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	106673	5.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.800%
7) Chloroethane-d5	1.532	69	90877	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.056	65	46383	5.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.805	46	264918	49.352	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.700%
24) Chloroform-d	4.246	84	205562	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.937	65	102085	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	4.957	84	412738	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	5.982	67	136756	5.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.239	98	362040	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.558	79	33442	3.852	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.024	63	222955	52.559	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.120%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	104398	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	134048	5.022	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	22090	0.741	ug/L #	57
8) Chloroethane	1.336	64	385838	21.514	ug/L #	50
13) Acetone	2.137	43	107829	28.850	ug/L	97
14) Carbon disulfide	2.243	76	12426	0.184	ug/L #	94
15) Methyl Acetate	2.304	43	3739	0.437	ug/L #	50
21) 2-Butanone	3.889	43	154136	27.134	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	15884	0.651	ug/L	99
34) Trichloroethene	5.847	95	5448	0.212	ug/L	92
35) Methylcyclohexane	5.982	83	32085	0.821	ug/L #	20
37) 1,2-Dichloropropane	5.985	63	14735	0.607	ug/L #	88

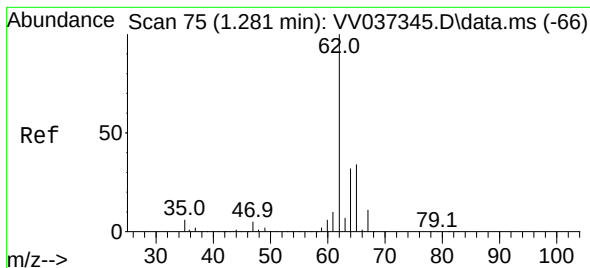
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 02:54:38 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.741 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037353.D

Acq: 18 Sep 2024 23:54

Instrument :

MSVOA_V

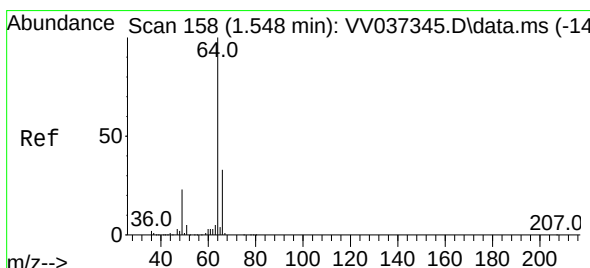
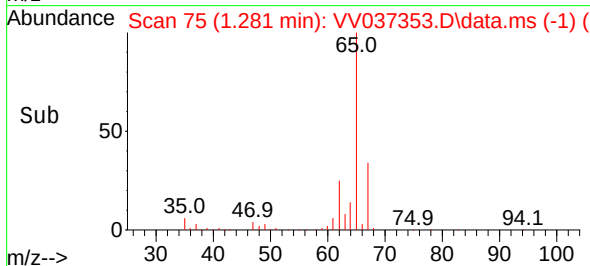
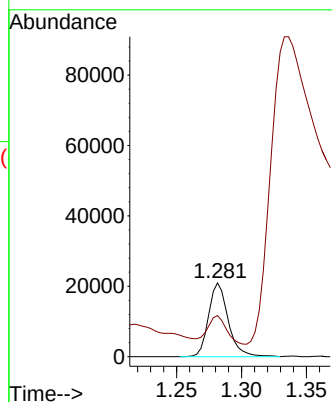
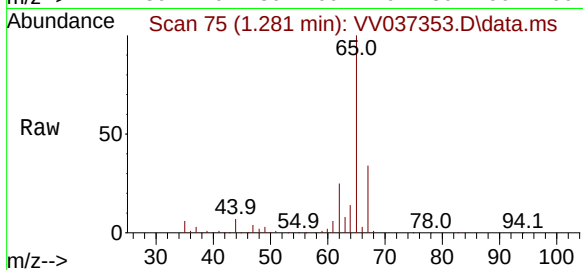
ClientSampleId :

Tgt Ion: 62 Resp: 22090

Ion Ratio Lower Upper

62 100

64 55.9 22.4 41.6#



#8

Chloroethane

Concen: 21.514 ug/L

RT: 1.336 min Scan# 92

Delta R.T. -0.212 min

Lab File: VV037353.D

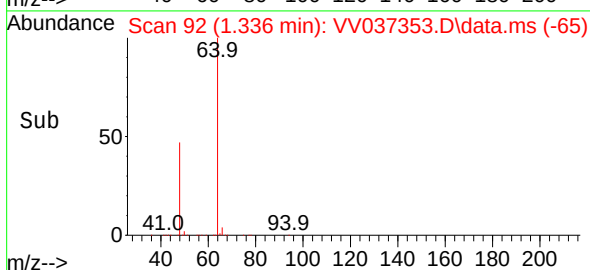
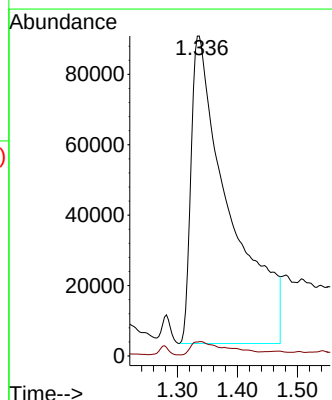
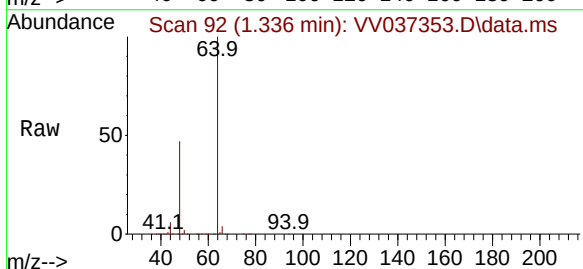
Acq: 18 Sep 2024 23:54

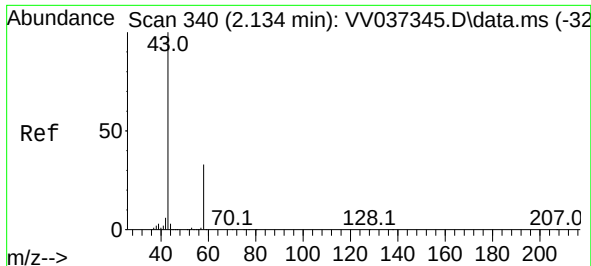
Tgt Ion: 64 Resp: 385838

Ion Ratio Lower Upper

64 100

66 4.4 22.7 42.1#





#13

Acetone

Concen: 28.850 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.003 min

Lab File: VV037353.D

Acq: 18 Sep 2024 23:54

Instrument :

MSVOA_V

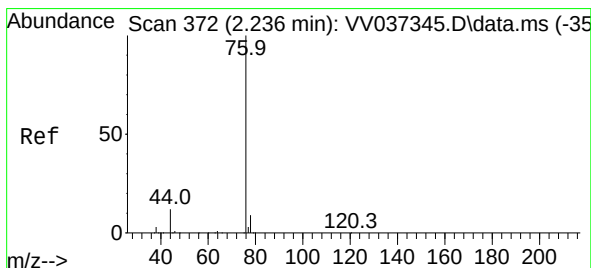
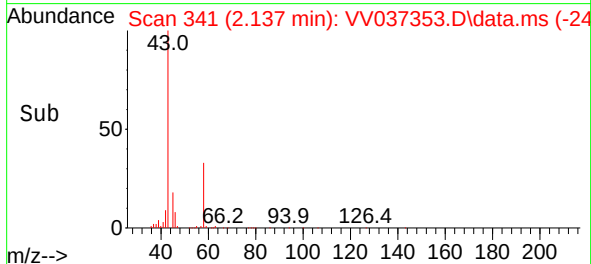
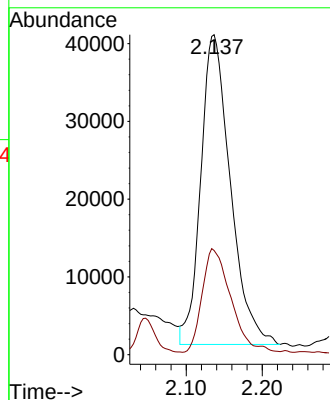
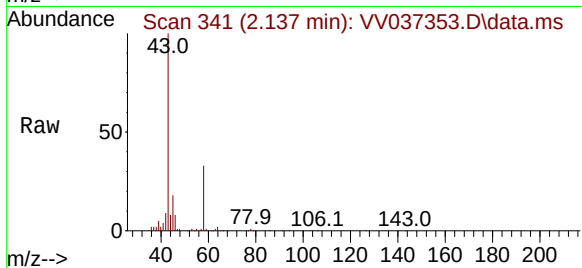
ClientSampleId :

Tgt Ion: 43 Resp: 107829

Ion Ratio Lower Upper

43 100

58 32.6 0.0 69.2



#14

Carbon disulfide

Concen: 0.184 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.006 min

Lab File: VV037353.D

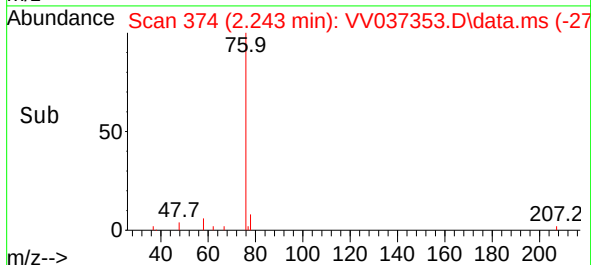
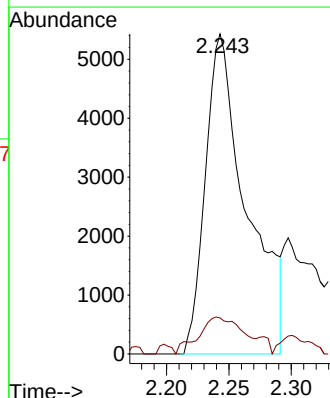
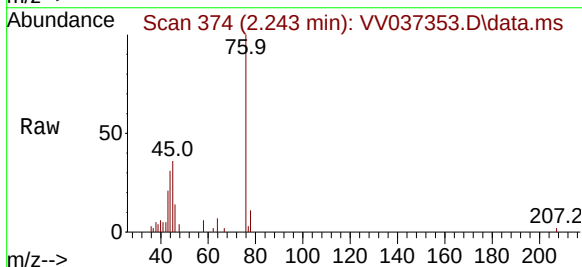
Acq: 18 Sep 2024 23:54

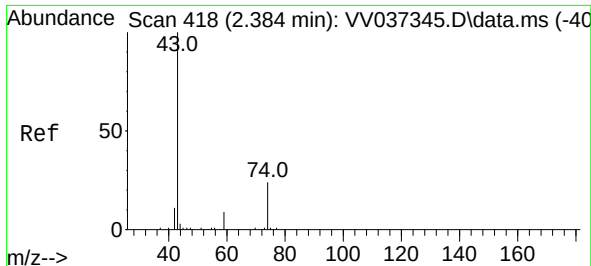
Tgt Ion: 76 Resp: 12426

Ion Ratio Lower Upper

76 100

78 11.3 7.3 10.9#





#15

Methyl Acetate

Concen: 0.437 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.080 min

Lab File: VV037353.D

Acq: 18 Sep 2024 23:54

Instrument :

MSVOA_V

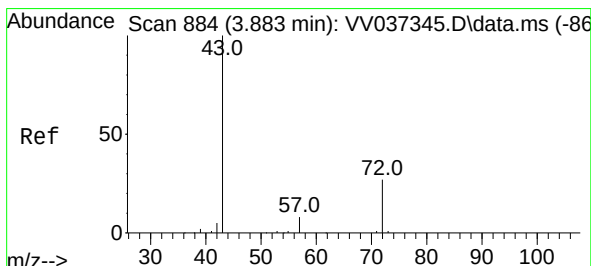
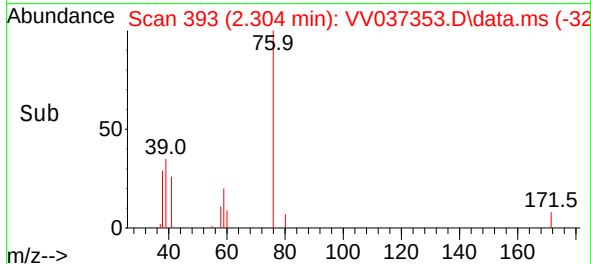
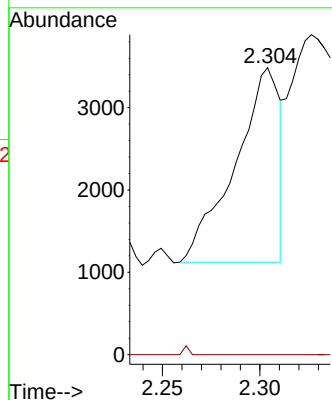
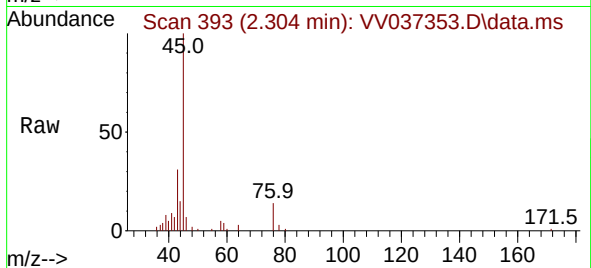
ClientSampleId :

Tgt Ion: 43 Resp: 3739

Ion Ratio Lower Upper

43 100

74 0.6 21.0 31.4#



#21

2-Butanone

Concen: 27.134 ug/L

RT: 3.889 min Scan# 886

Delta R.T. 0.006 min

Lab File: VV037353.D

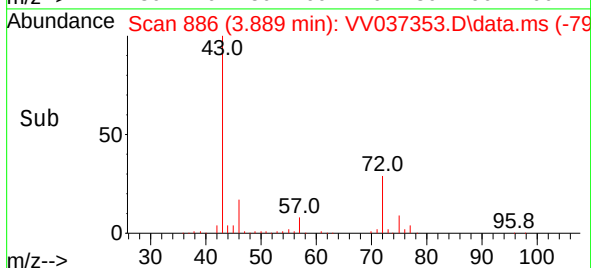
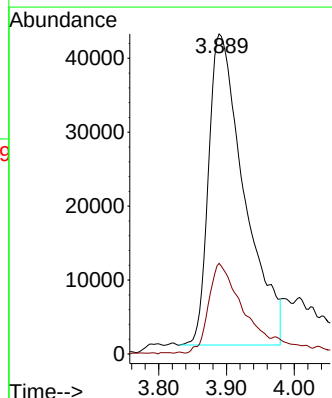
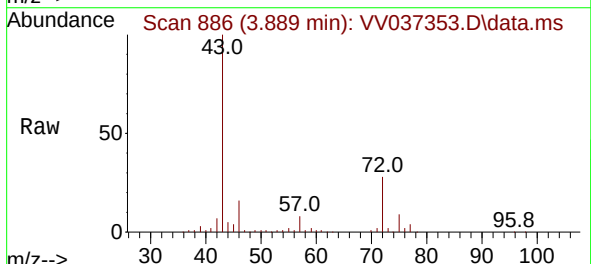
Acq: 18 Sep 2024 23:54

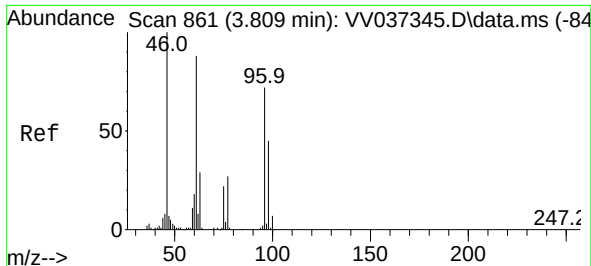
Tgt Ion: 43 Resp: 154136

Ion Ratio Lower Upper

43 100

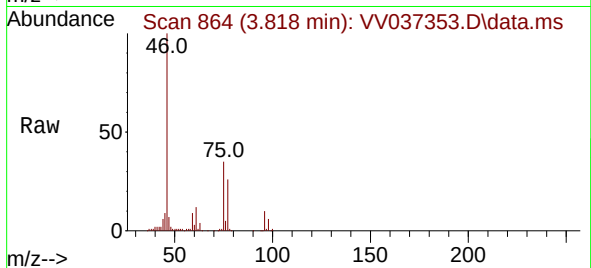
72 27.0 12.2 36.6



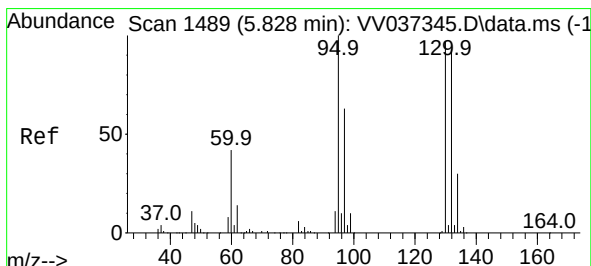
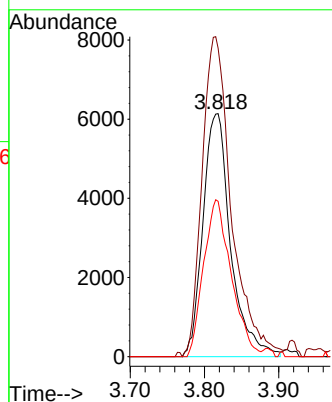
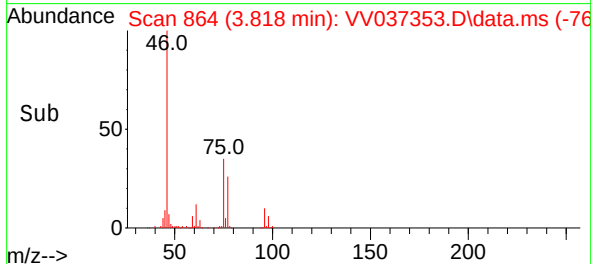


#22
cis-1,2-Dichloroethene
Concen: 0.651 ug/L
RT: 3.818 min Scan# 861
Delta R.T. 0.010 min
Lab File: VV037353.D
Acq: 18 Sep 2024 23:54

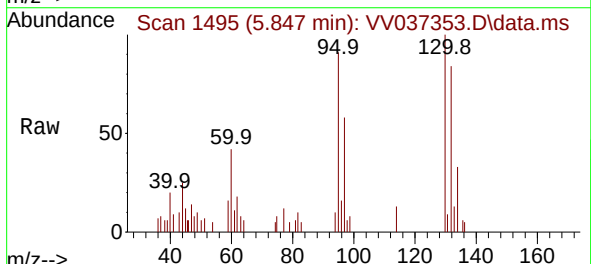
Instrument :
MSVOA_V
ClientSampleId :



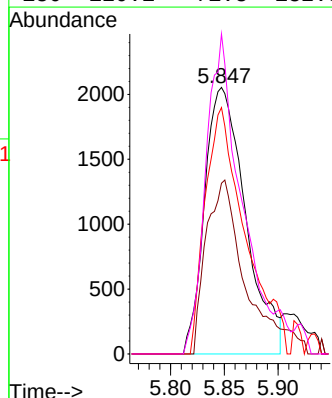
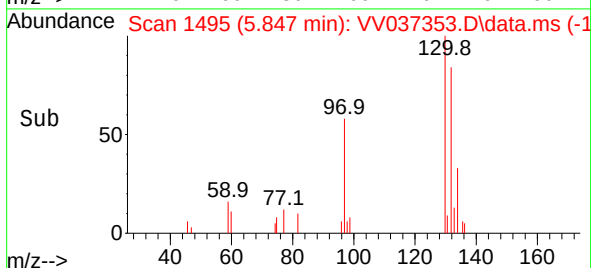
Tgt Ion: 96 Resp: 15884
Ion Ratio Lower Upper
96 100
61 126.9 87.6 162.6
98 63.9 44.9 83.5

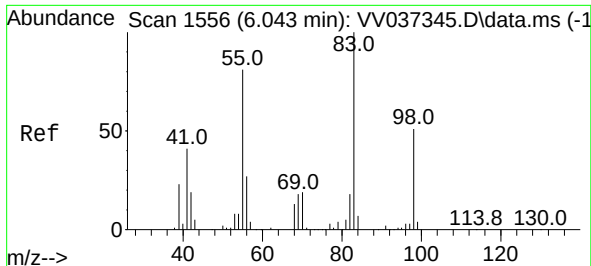


#34
Trichloroethene
Concen: 0.212 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.019 min
Lab File: VV037353.D
Acq: 18 Sep 2024 23:54



Tgt Ion: 95 Resp: 5448
Ion Ratio Lower Upper
95 100
97 64.1 46.5 86.5
132 92.5 65.5 121.7
130 120.1 71.3 132.3





#35

Methylcyclohexane

Concen: 0.821 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.061 min

Lab File: VV037353.D

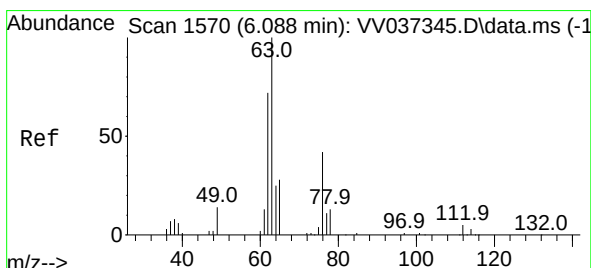
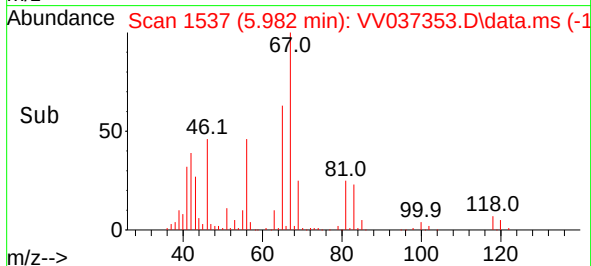
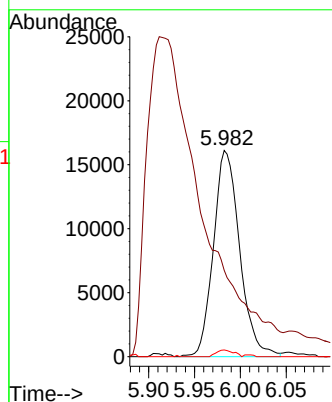
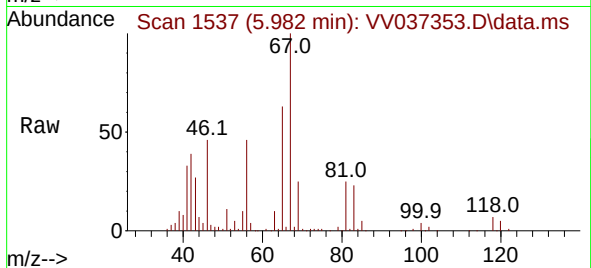
Acq: 18 Sep 2024 23:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	32085
Ion Ratio	Lower	Upper	
83	100		
55	0.0	60.3	90.5#
98	2.1	38.2	57.4#



#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.103 min

Lab File: VV037353.D

Acq: 18 Sep 2024 23:54

Tgt Ion:	63	Resp:	14735
Ion Ratio	Lower	Upper	
63	100		
112	0.7	3.7	5.5#

