

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037338.D
 Acq On : 18 Sep 2024 16:54
 Operator : SY/MD
 Sample : P3988-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

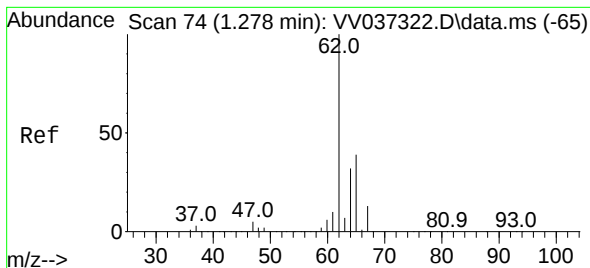
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:24:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 01:19:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	288204	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	294864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	140935	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	106486	6.298	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.000%
7) Chloroethane-d5	1.529	69	85639	4.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.053	65	45644	5.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.600%
20) 2-Butanone-d5	3.844	46	260532	51.559	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.120%
24) Chloroform-d	4.243	84	199016	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.941	65	95384	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.953	84	386042	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	5.982	67	131159	5.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.239	98	338697	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.558	79	35045	4.333	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.027	63	225251	57.008	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	101357	5.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	130919	5.225	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	52993	1.888	ug/L	95
8) Chloroethane	1.384	64	570423	33.789	ug/L #	51
12) 1,1-Dichloroethene	2.063	96	257621	12.756	ug/L	86
13) Acetone	2.166	43	386673	109.901	ug/L	58
14) Carbon disulfide	2.236	76	17494	0.275	ug/L	99
15) Methyl Acetate	2.391	43	34941	4.336	ug/L #	84
19) 1,1-Dichloroethane	3.108	63	110531	2.724	ug/L	98
21) 2-Butanone	3.912	43	329663	61.649	ug/L #	69
22) cis-1,2-Dichloroethene	3.806	96	619775	26.980	ug/L	99
34) Trichloroethene	5.822	95	5730951	239.379	ug/L	98
35) Methylcyclohexane	5.982	83	29673	0.815	ug/L #	1
37) 1,2-Dichloropropane	6.092	63	6231	0.276	ug/L #	85
42) Toluene	7.330	91	9283	0.100	ug/L	95
53) m,p-Xylene	9.085	106	2774	0.073	ug/L	89

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



#5

Vinyl chloride

Concen: 1.888 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

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MSVOA_V

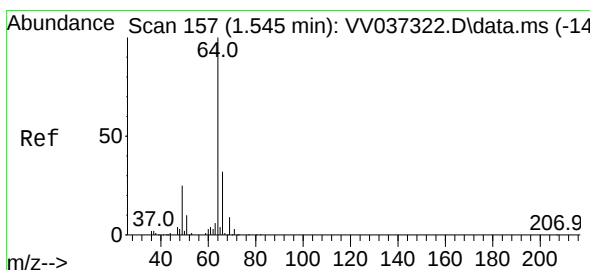
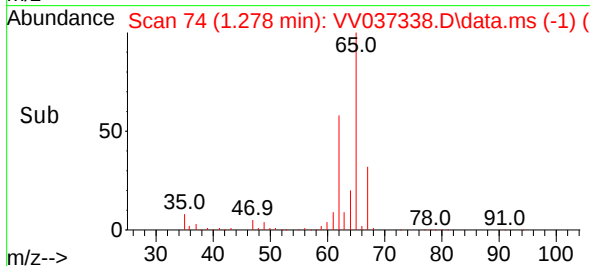
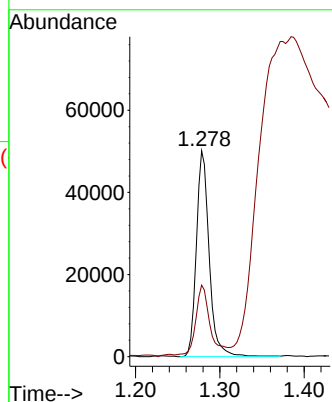
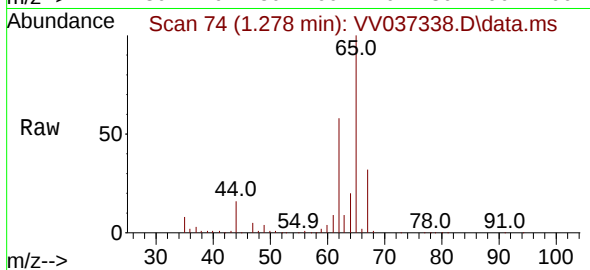
ClientSampleId :

Tgt Ion: 62 Resp: 52993

Ion Ratio Lower Upper

62 100

64 34.8 22.4 41.6



#8

Chloroethane

Concen: 33.789 ug/L

RT: 1.384 min Scan# 107

Delta R.T. -0.161 min

Lab File: VV037338.D

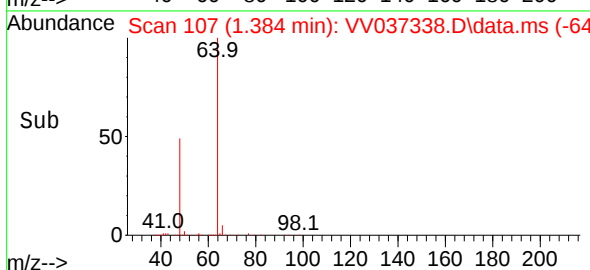
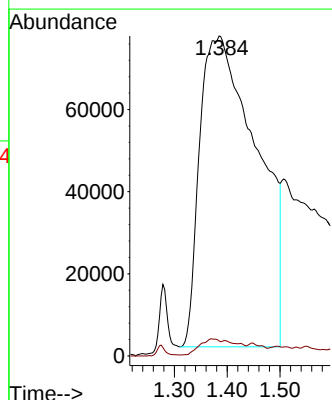
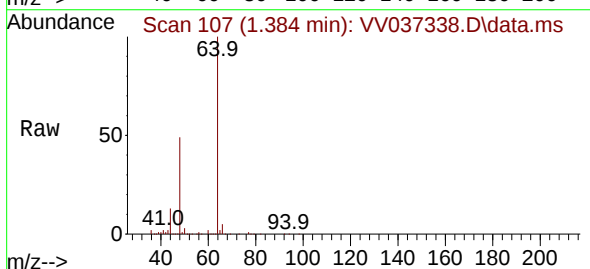
Acq: 18 Sep 2024 16:54

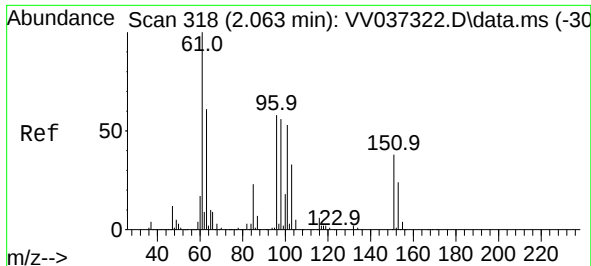
Tgt Ion: 64 Resp: 570423

Ion Ratio Lower Upper

64 100

66 4.7 22.7 42.1#





#12

1,1-Dichloroethene

Concen: 12.756 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV037338.D

Acq: 18 Sep 2024 16:54

Instrument :

MSVOA_V

ClientSampleId :

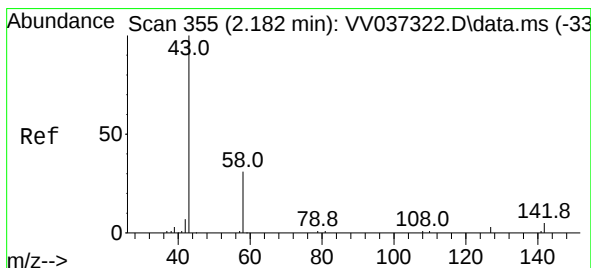
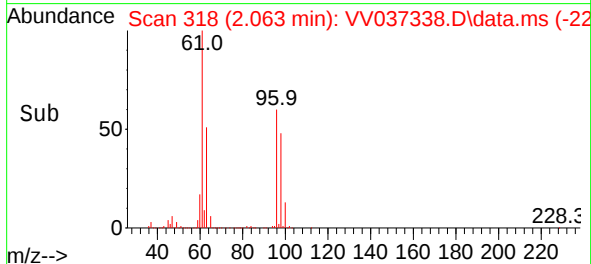
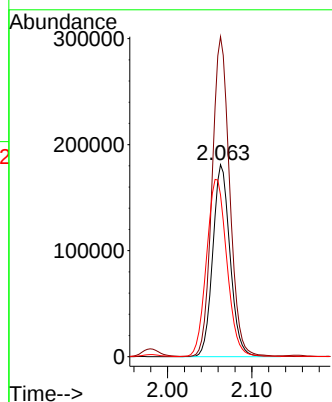
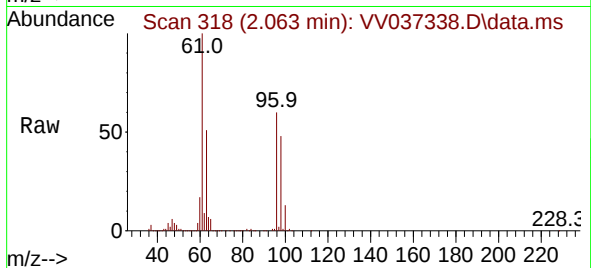
Tgt Ion: 96 Resp: 257621

Ion Ratio Lower Upper

96 100

61 166.7 119.9 222.7

63 84.2 81.4 151.2



#13

Acetone

Concen: 109.901 ug/L

RT: 2.166 min Scan# 350

Delta R.T. -0.016 min

Lab File: VV037338.D

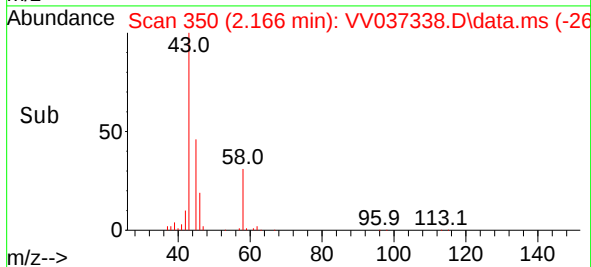
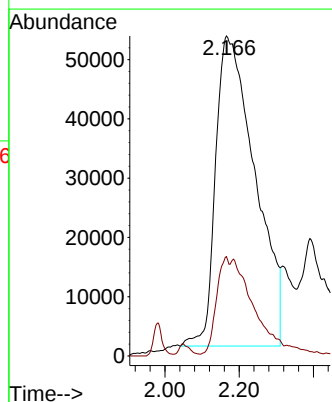
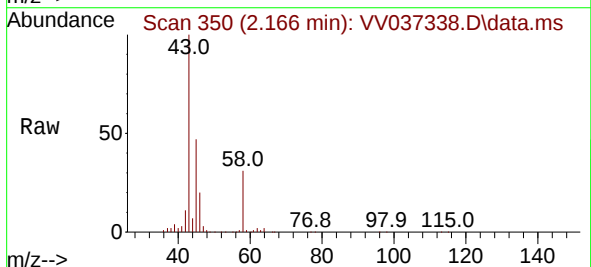
Acq: 18 Sep 2024 16:54

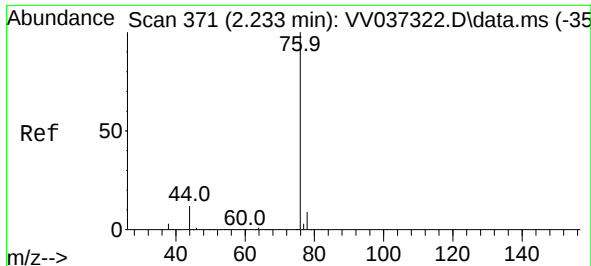
Tgt Ion: 43 Resp: 386673

Ion Ratio Lower Upper

43 100

58 10.4 0.0 69.2

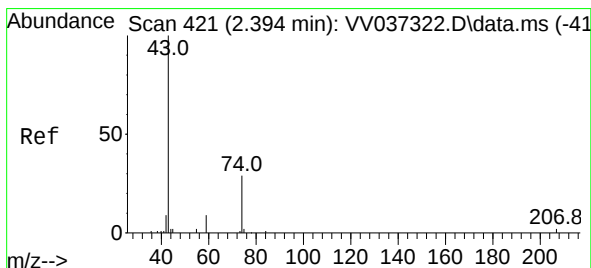
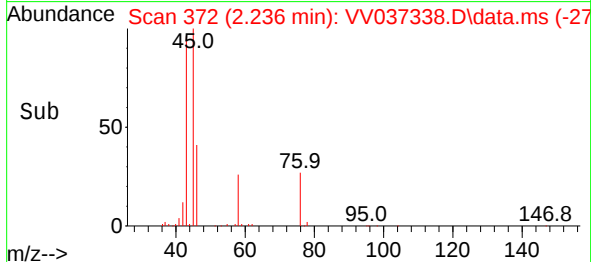
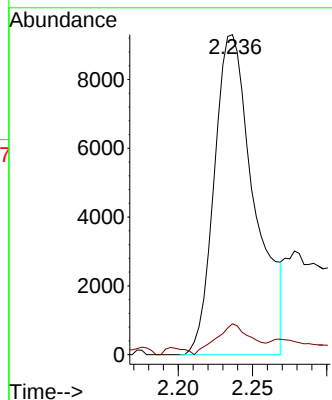
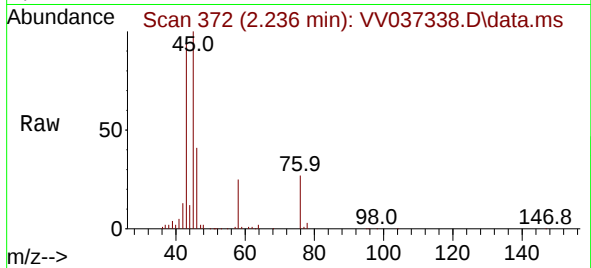




#14
Carbon disulfide
Concen: 0.275 ug/L
RT: 2.236 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV037338.D
Acq: 18 Sep 2024 16:54

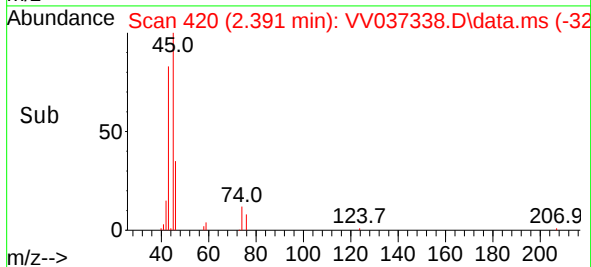
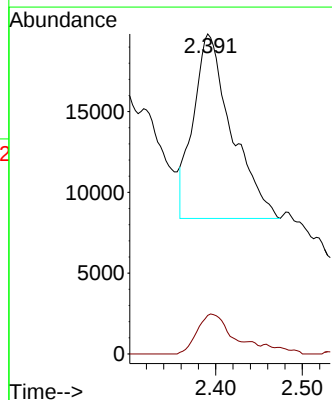
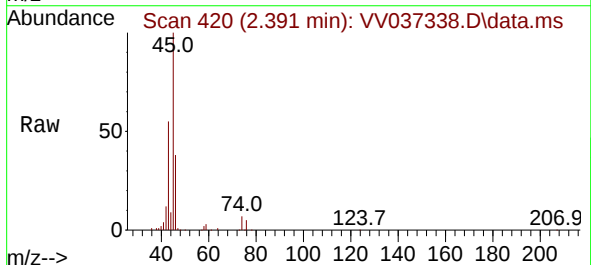
Instrument :
MSVOA_V
ClientSampleId :

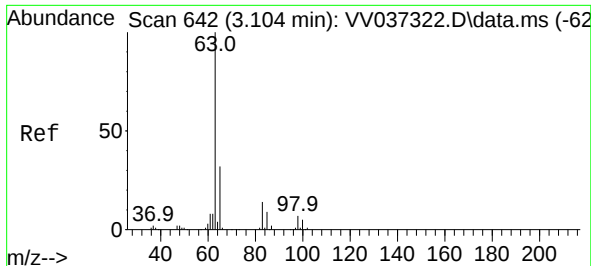
Tgt Ion: 76 Resp: 17494
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#15
Methyl Acetate
Concen: 4.336 ug/L
RT: 2.391 min Scan# 420
Delta R.T. -0.003 min
Lab File: VV037338.D
Acq: 18 Sep 2024 16:54

Tgt Ion: 43 Resp: 34941
Ion Ratio Lower Upper
43 100
74 17.9 21.0 31.4#

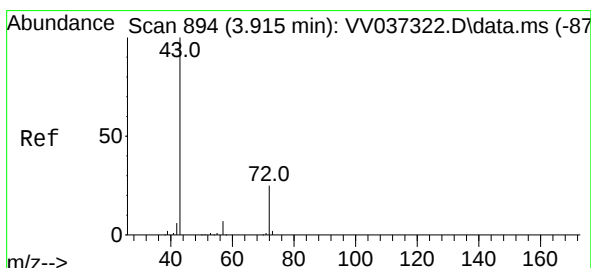
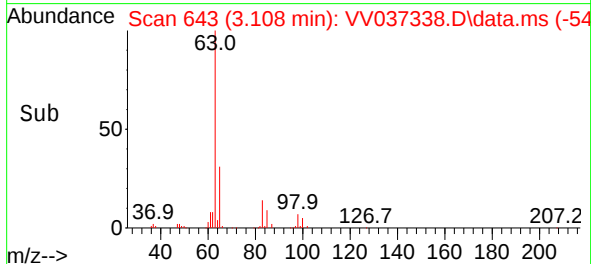
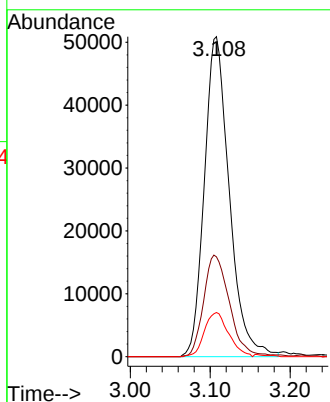
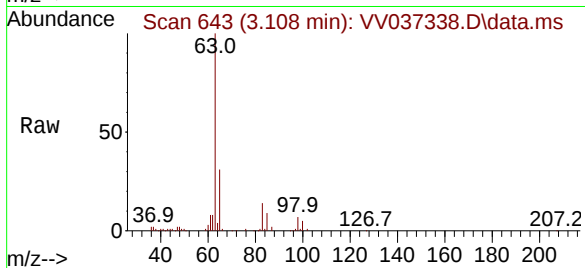




#19
1,1-Dichloroethane
Concen: 2.724 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV037338.D
Acq: 18 Sep 2024 16:54

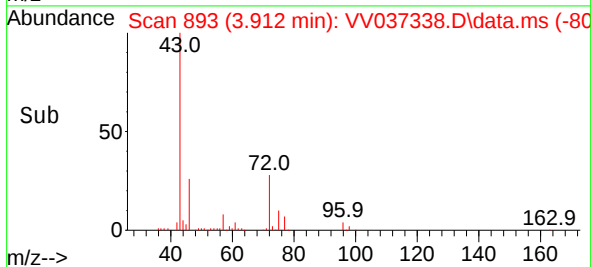
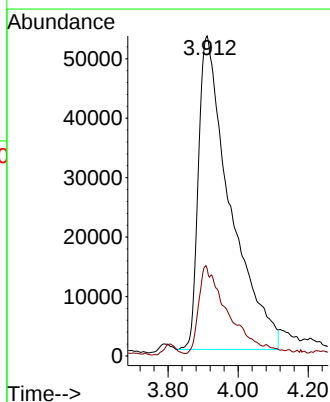
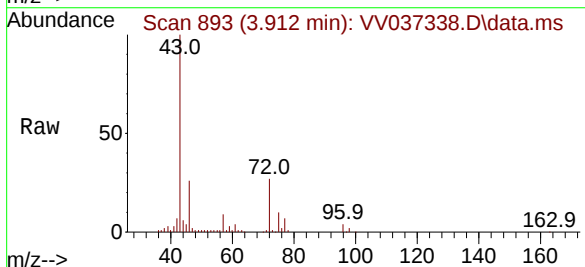
Instrument :
MSVOA_V
ClientSampleId :

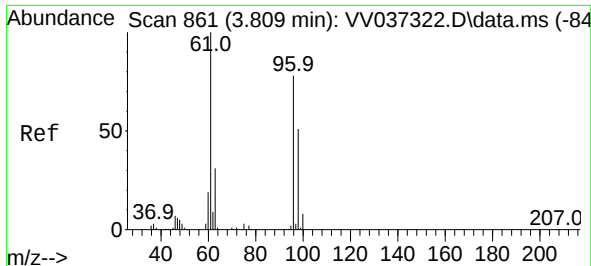
Tgt Ion: 63 Resp: 110531
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.7
83 13.8 8.9 16.5



#21
2-Butanone
Concen: 61.649 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV037338.D
Acq: 18 Sep 2024 16:54

Tgt Ion: 43 Resp: 329663
Ion Ratio Lower Upper
43 100
72 9.2 12.2 36.6#





#22

cis-1,2-Dichloroethene

Concen: 26.980 ug/L

RT: 3.806 min Scan# 861

Delta R.T. -0.003 min

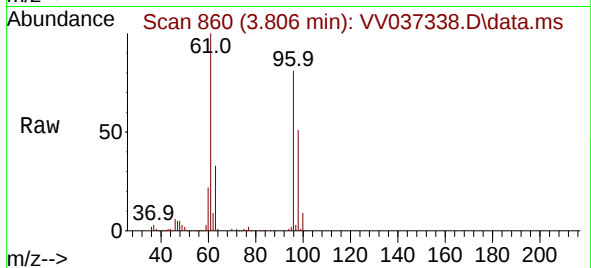
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Acq: 18 Sep 2024 16:54

Instrument :

MSVOA_V

ClientSampleId :



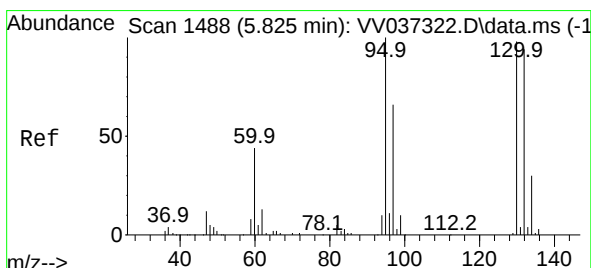
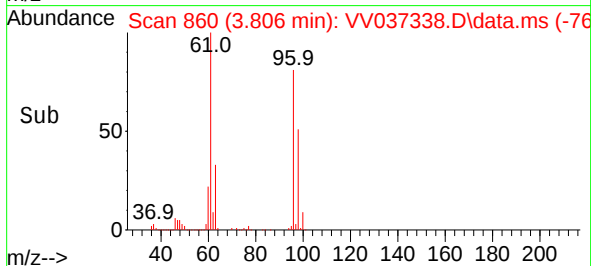
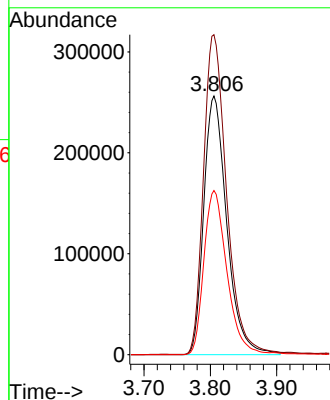
Tgt Ion: 96 Resp: 619775

Ion Ratio Lower Upper

96 100

61 123.7 87.6 162.6

98 63.4 44.9 83.5



#34

Trichloroethene

Concen: 239.379 ug/L

RT: 5.822 min Scan# 1487

Delta R.T. -0.003 min

Lab File: VV037338.D

Acq: 18 Sep 2024 16:54

Tgt Ion: 95 Resp: 5730951

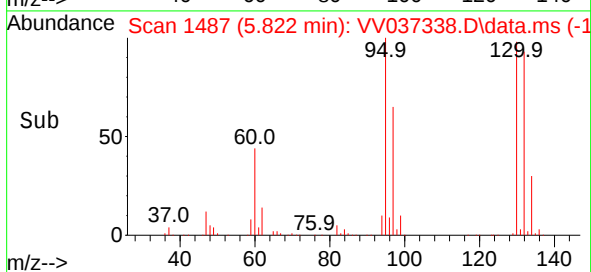
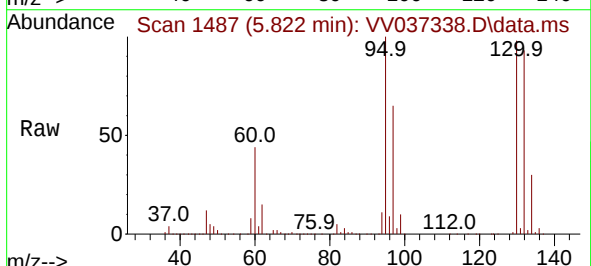
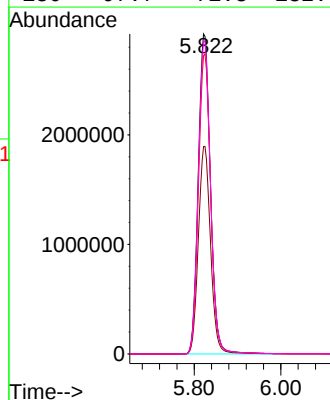
Ion Ratio Lower Upper

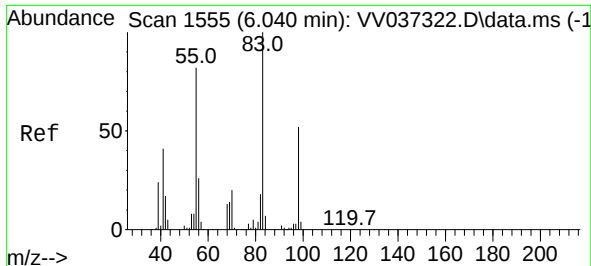
95 100

97 64.8 46.5 86.5

132 93.3 65.5 121.7

130 97.7 71.3 132.3





#35

Methylcyclohexane

Concen: 0.815 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV037338.D

Acq: 18 Sep 2024 16:54

Instrument :

MSVOA_V

ClientSampleId :

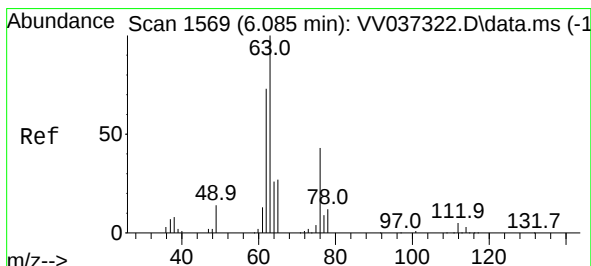
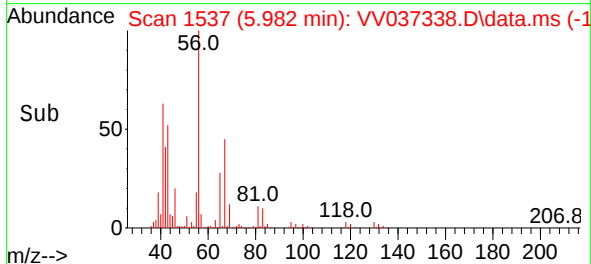
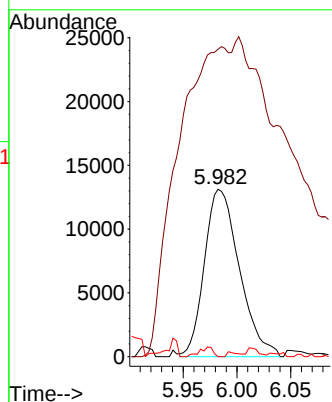
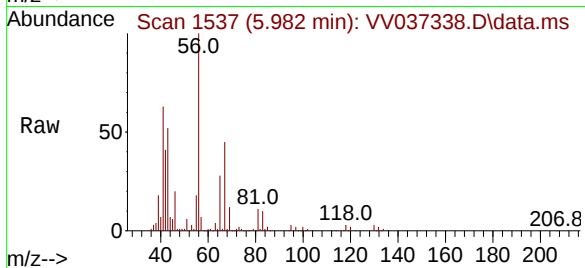
Tgt Ion: 83 Resp: 29673

Ion Ratio Lower Upper

83 100

55 265.6 60.3 90.5#

98 0.0 38.2 57.4#



#37

1,2-Dichloropropane

Concen: 0.276 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.007 min

Lab File: VV037338.D

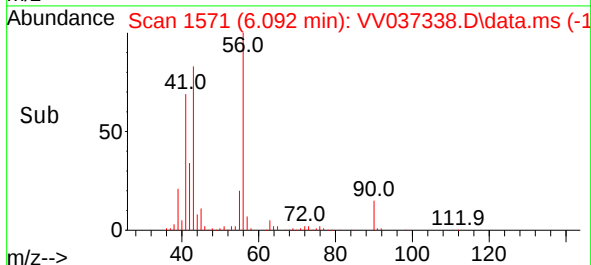
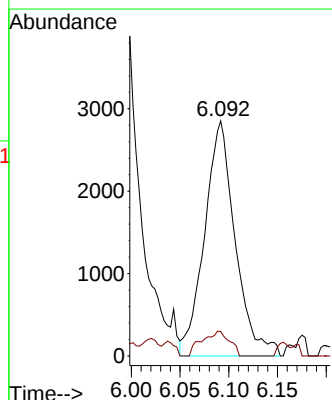
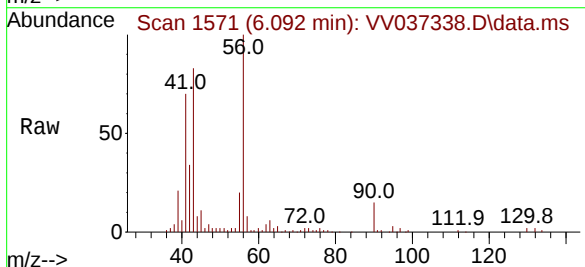
Acq: 18 Sep 2024 16:54

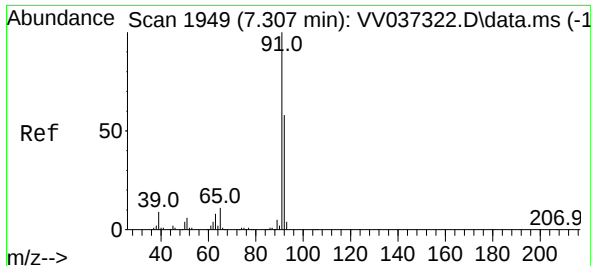
Tgt Ion: 63 Resp: 6231

Ion Ratio Lower Upper

63 100

112 9.5 3.7 5.5#





#42

Toluene

Concen: 0.100 ug/L

RT: 7.330 min Scan# 1

Delta R.T. 0.023 min

Lab File: VV037338.D

Acq: 18 Sep 2024 16:54

Instrument :

MSVOA_V

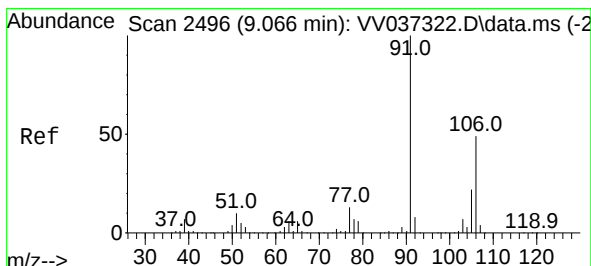
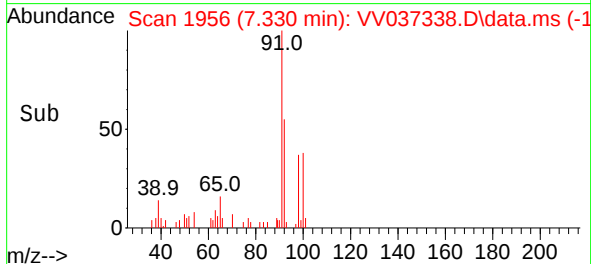
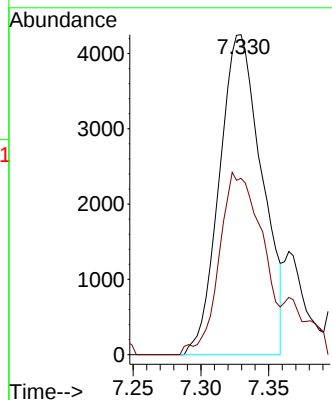
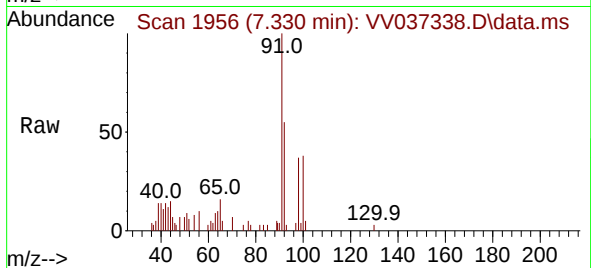
ClientSampleId :

Tgt Ion: 91 Resp: 9283

Ion Ratio Lower Upper

91 100

92 55.1 41.4 77.0



#53

m,p-Xylene

Concen: 0.073 ug/L

RT: 9.085 min Scan# 2502

Delta R.T. 0.019 min

Lab File: VV037338.D

Acq: 18 Sep 2024 16:54

Tgt Ion:106 Resp: 2774

Ion Ratio Lower Upper

106 100

91 187.9 143.3 266.1

