

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037379.D
 Acq On : 19 Sep 2024 13:49
 Operator : SY/MD
 Sample : P3988-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:57:18 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)

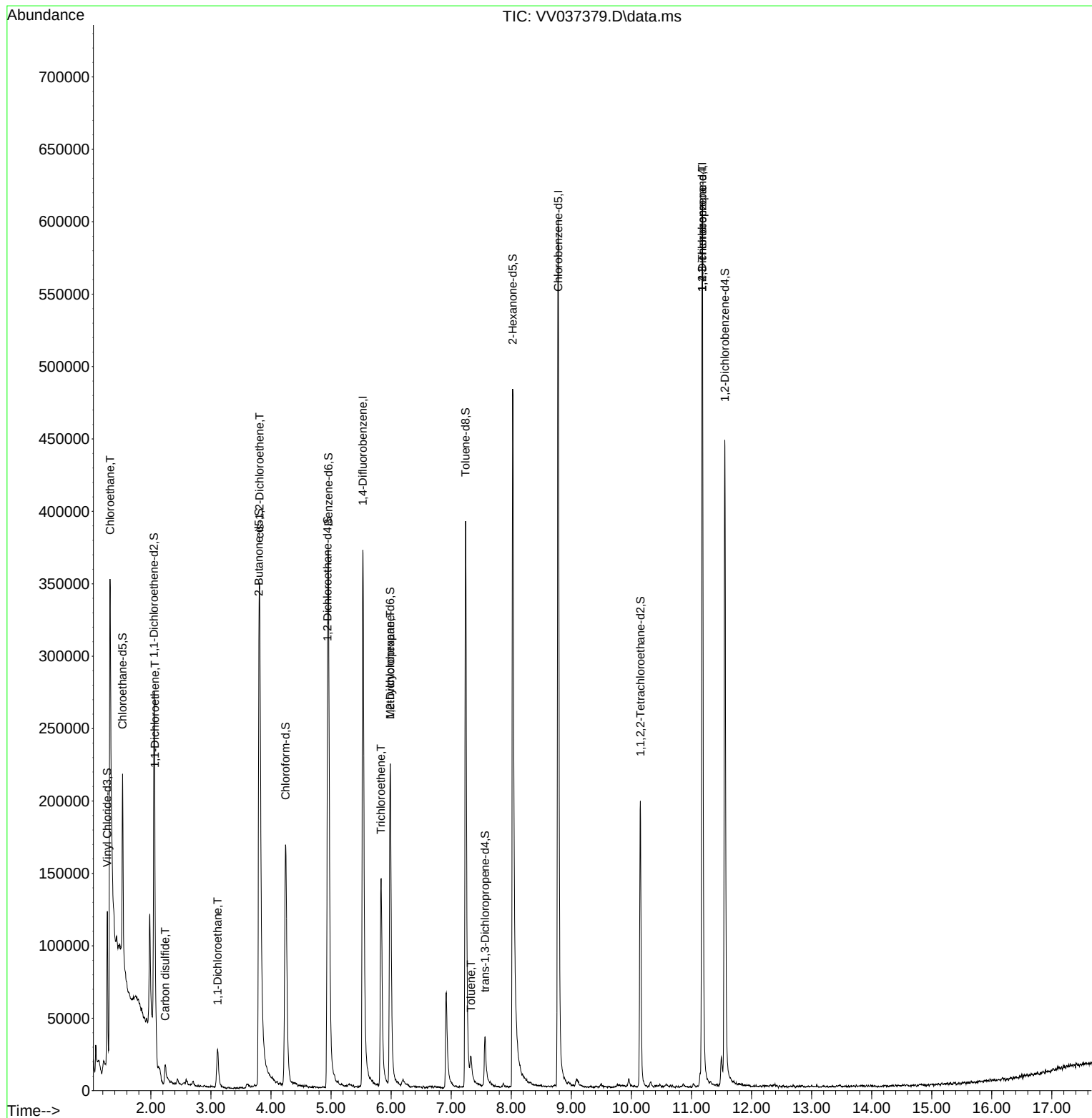
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	348804	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	355898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	165929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62456	3.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.529	69	77332	3.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.053	65	33845	3.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.799	46	240647	39.350	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.700%
24) Chloroform-d	4.243	84	189361	3.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	4.941	65	92966	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
32) Benzene-d6	4.957	84	351280	3.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	5.986	67	117486	3.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.239	98	283786	3.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.564	79	26365	2.701	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.000%#
46) 2-Hexanone-d5	8.024	63	200652	42.073	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	102925	4.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	120604	4.088	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						Qvalue
8) Chloroethane	1.320	64	668662	32.726	ug/L #	51
12) 1,1-Dichloroethene	2.066	96	15438	0.632	ug/L #	1
14) Carbon disulfide	2.240	76	30069	0.390	ug/L	98
19) 1,1-Dichloroethane	3.111	63	27367	0.557	ug/L	100
22) cis-1,2-Dichloroethene	3.809	96	130020	4.677	ug/L	99
34) Trichloroethene	5.831	95	58372	2.020	ug/L	98
35) Methylcyclohexane	5.986	83	28346	0.645	ug/L #	20
42) Toluene	7.330	91	14651	0.131	ug/L	96
61) 1,2,3-Trichloropropane	11.181	75	19119	1.266	ug/L #	62

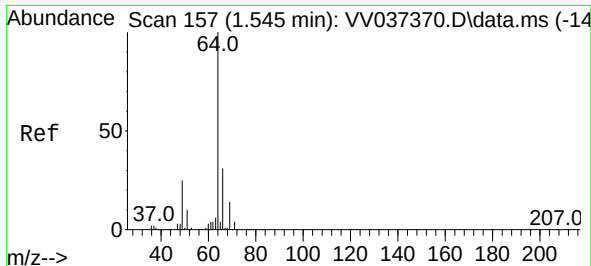
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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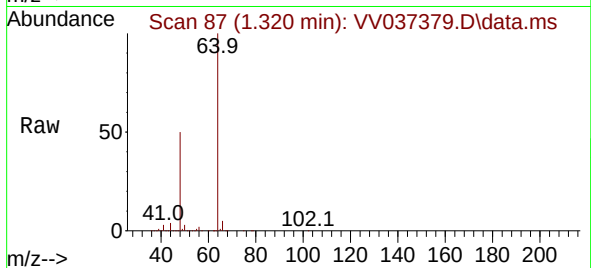
Quant Time: Sep 20 01:57:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
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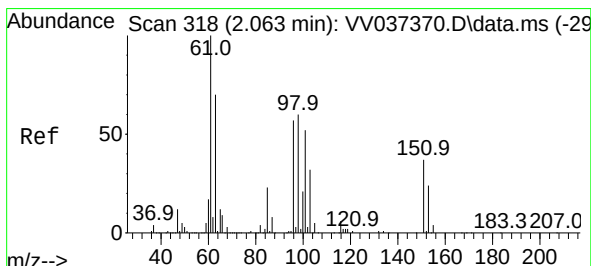
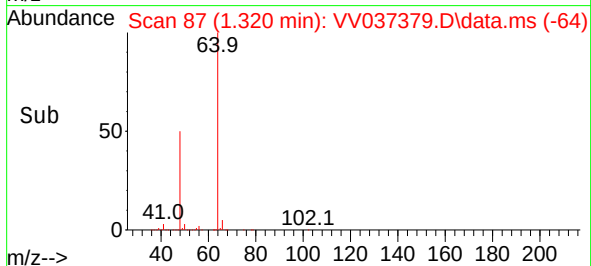
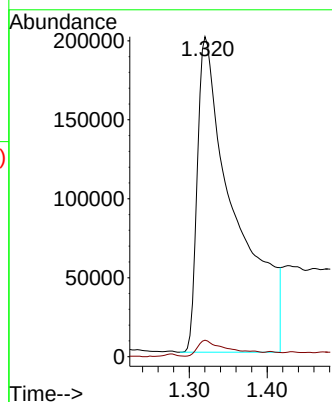


#8
Chloroethane
Concen: 32.726 ug/L
RT: 1.320 min Scan# 81
Delta R.T. -0.225 min
Lab File: VV037379.D
Acq: 19 Sep 2024 13:49

Instrument :
MSVOA_V
ClientSampleId :

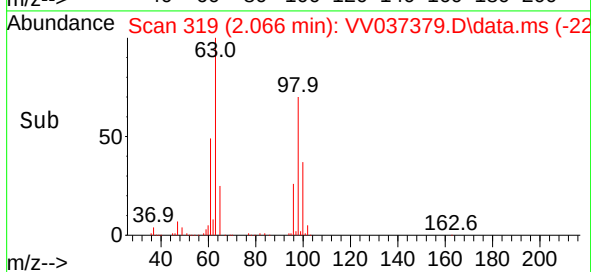
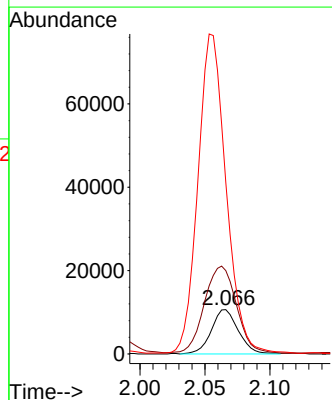
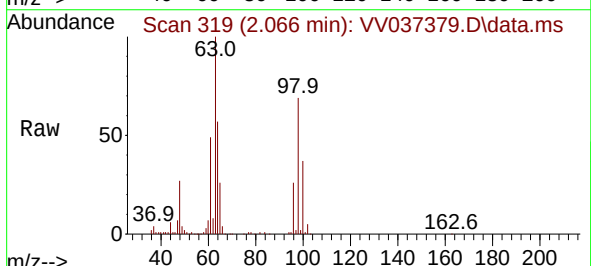


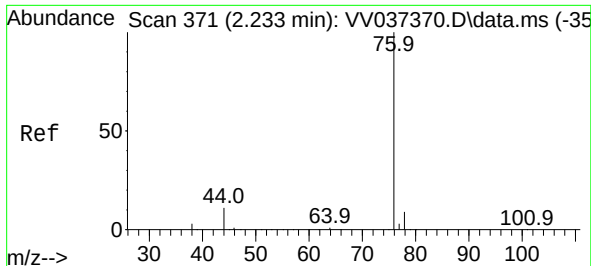
Tgt Ion: 64 Resp: 668662
Ion Ratio Lower Upper
64 100
66 5.1 22.7 42.1#



#12
1,1-Dichloroethene
Concen: 0.632 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037379.D
Acq: 19 Sep 2024 13:49

Tgt Ion: 96 Resp: 15438
Ion Ratio Lower Upper
96 100
61 188.2 119.9 222.7
63 386.8 81.4 151.2#





#14

Carbon disulfide

Concen: 0.390 ug/L

RT: 2.240 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV037379.D

Acq: 19 Sep 2024 13:49

Instrument :

MSVOA_V

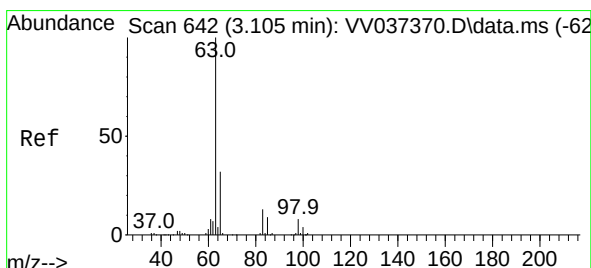
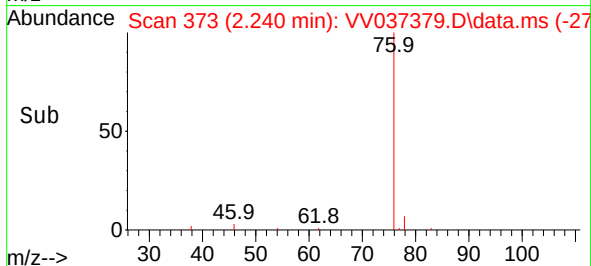
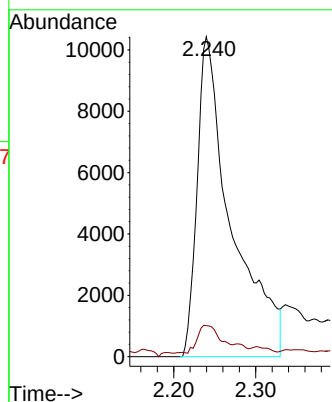
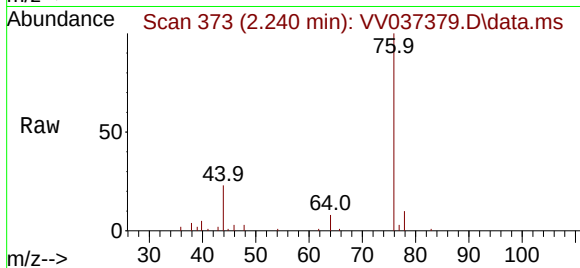
ClientSampleId :

Tgt Ion: 76 Resp: 30069

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



#19

1,1-Dichloroethane

Concen: 0.557 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.006 min

Lab File: VV037379.D

Acq: 19 Sep 2024 13:49

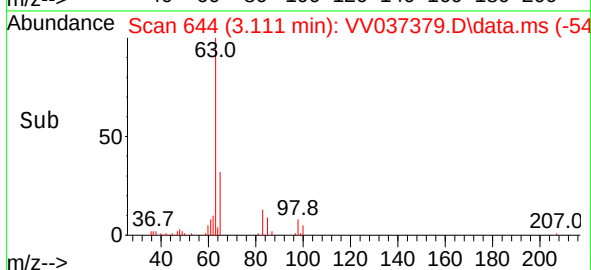
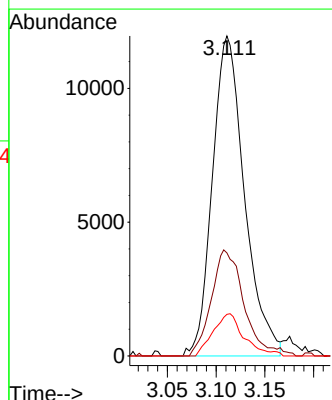
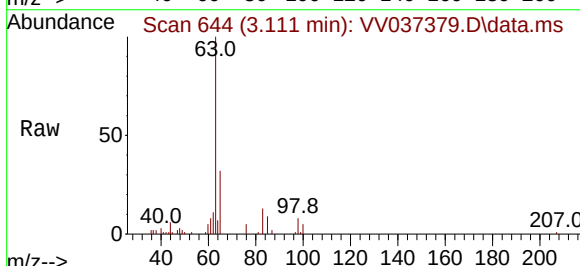
Tgt Ion: 63 Resp: 27367

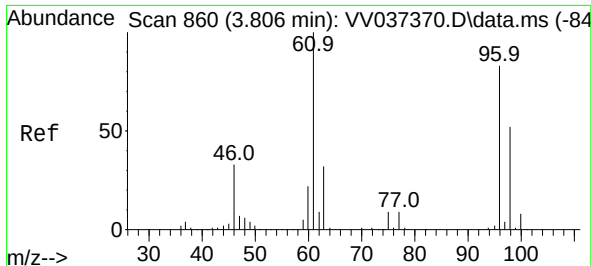
Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.7

83 13.0 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 4.677 ug/L

RT: 3.809 min Scan# 860

Delta R.T. 0.003 min

Lab File: VV037379.D

Acq: 19 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

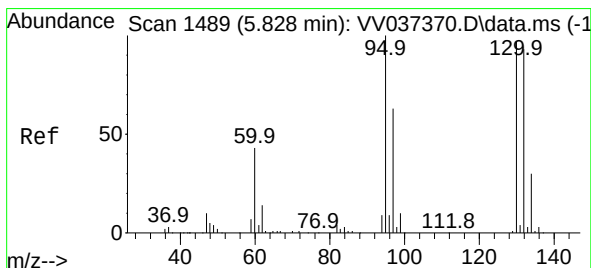
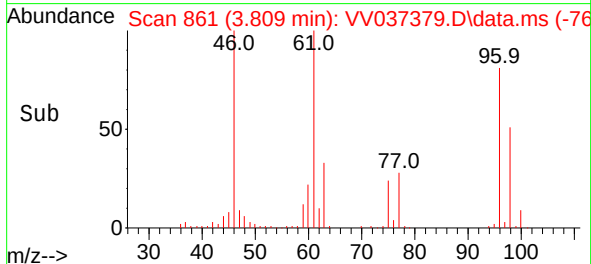
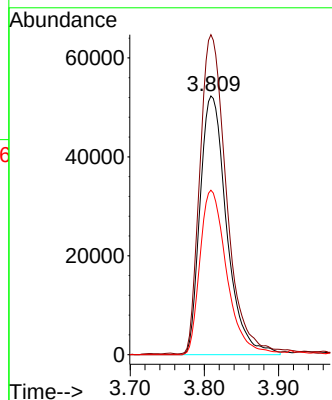
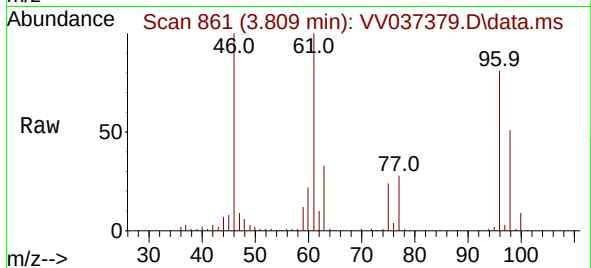
Tgt Ion: 96 Resp: 130020

Ion Ratio Lower Upper

96 100

61 123.7 87.6 162.6

98 63.5 44.9 83.5



#34

Trichloroethene

Concen: 2.020 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV037379.D

Acq: 19 Sep 2024 13:49

Tgt Ion: 95 Resp: 58372

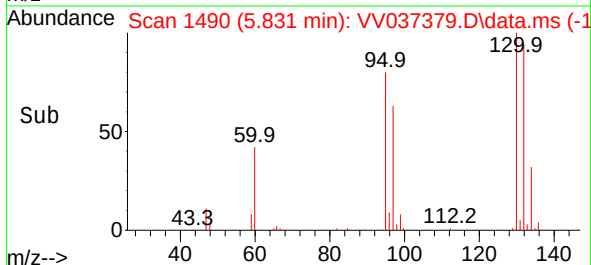
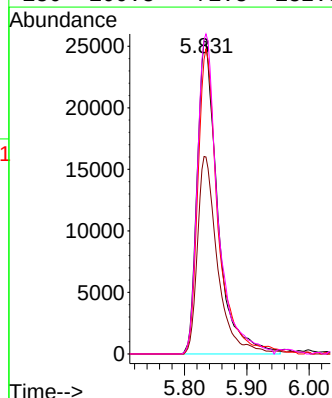
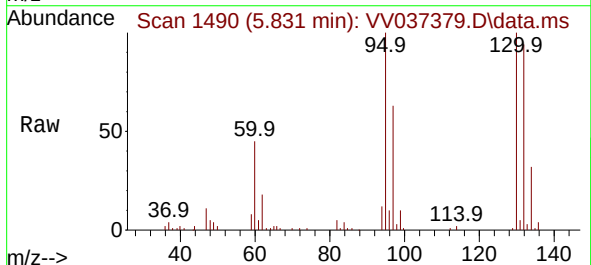
Ion Ratio Lower Upper

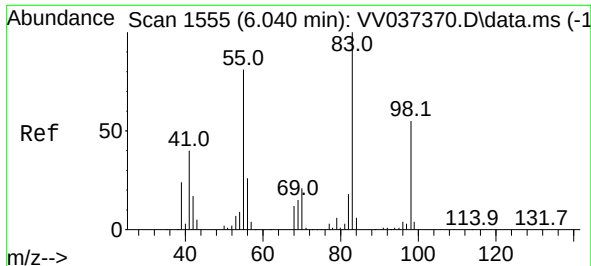
95 100

97 63.1 46.5 86.5

132 94.1 65.5 121.7

130 100.3 71.3 132.3





#35

Methylcyclohexane

Concen: 0.645 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV037379.D

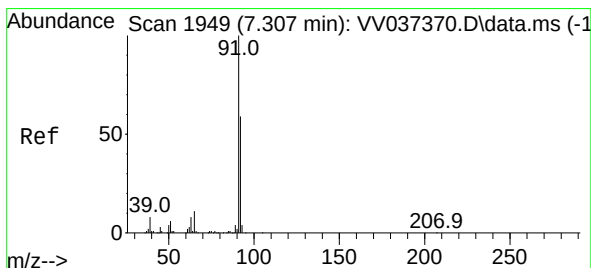
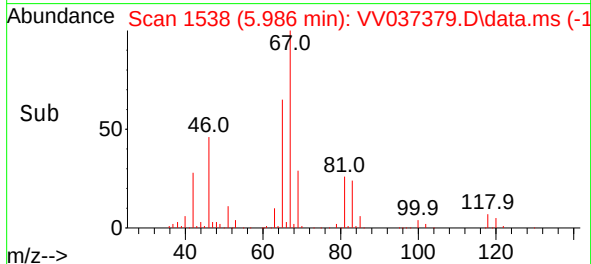
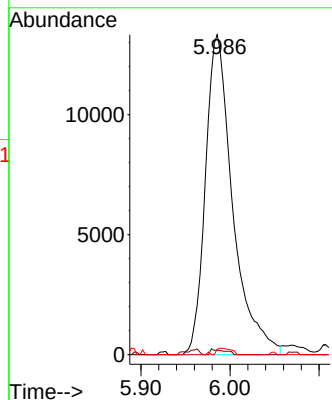
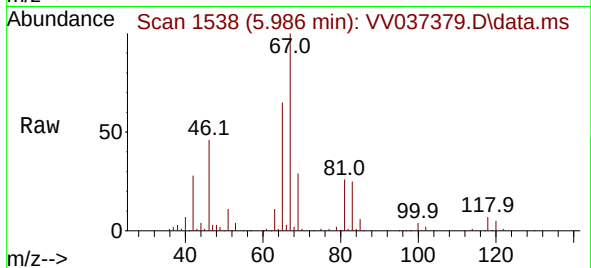
Acq: 19 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 28346
Ion Ratio	Lower Upper
83 100	
55 0.9	60.3 90.5#
98 1.1	38.2 57.4#



#42

Toluene

Concen: 0.131 ug/L

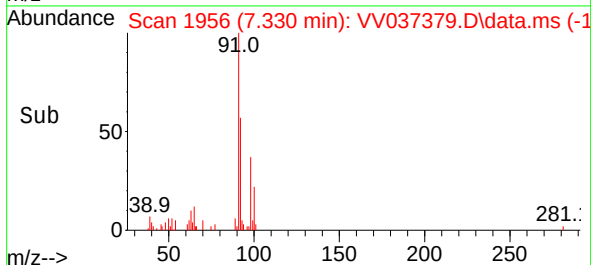
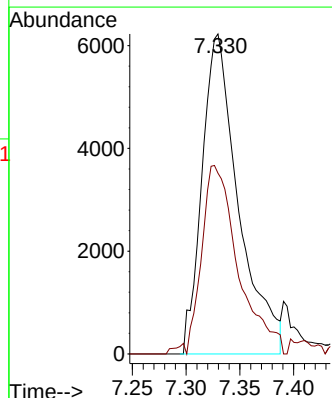
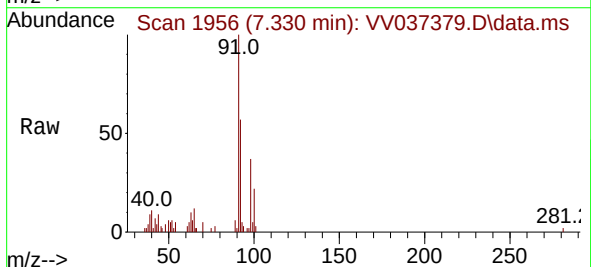
RT: 7.330 min Scan# 1956

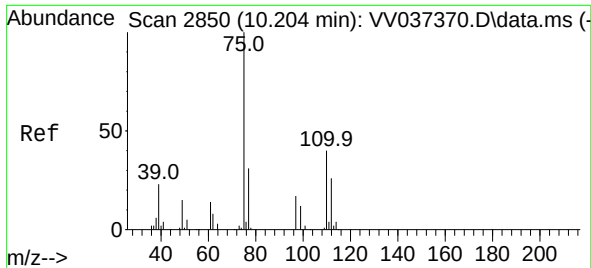
Delta R.T. 0.022 min

Lab File: VV037379.D

Acq: 19 Sep 2024 13:49

Tgt Ion: 91	Resp: 14651
Ion Ratio	Lower Upper
91 100	
92 56.5	41.4 77.0





#61

1,2,3-Trichloropropane

Concen: 1.266 ug/L

RT: 11.181 min Scan# 31

Delta R.T. 0.977 min

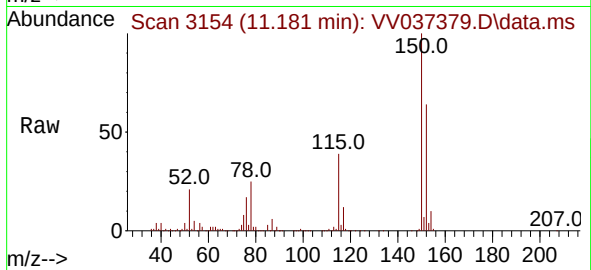
Lab File: VV037379.D

Acq: 19 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 19119

Ion Ratio Lower Upper

75 100

77 38.8 25.6 38.4#

110 2.8 31.0 46.4#

