

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037384.D
 Acq On : 19 Sep 2024 15:50
 Operator : SY/MD
 Sample : P3986-12 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:58:48 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)

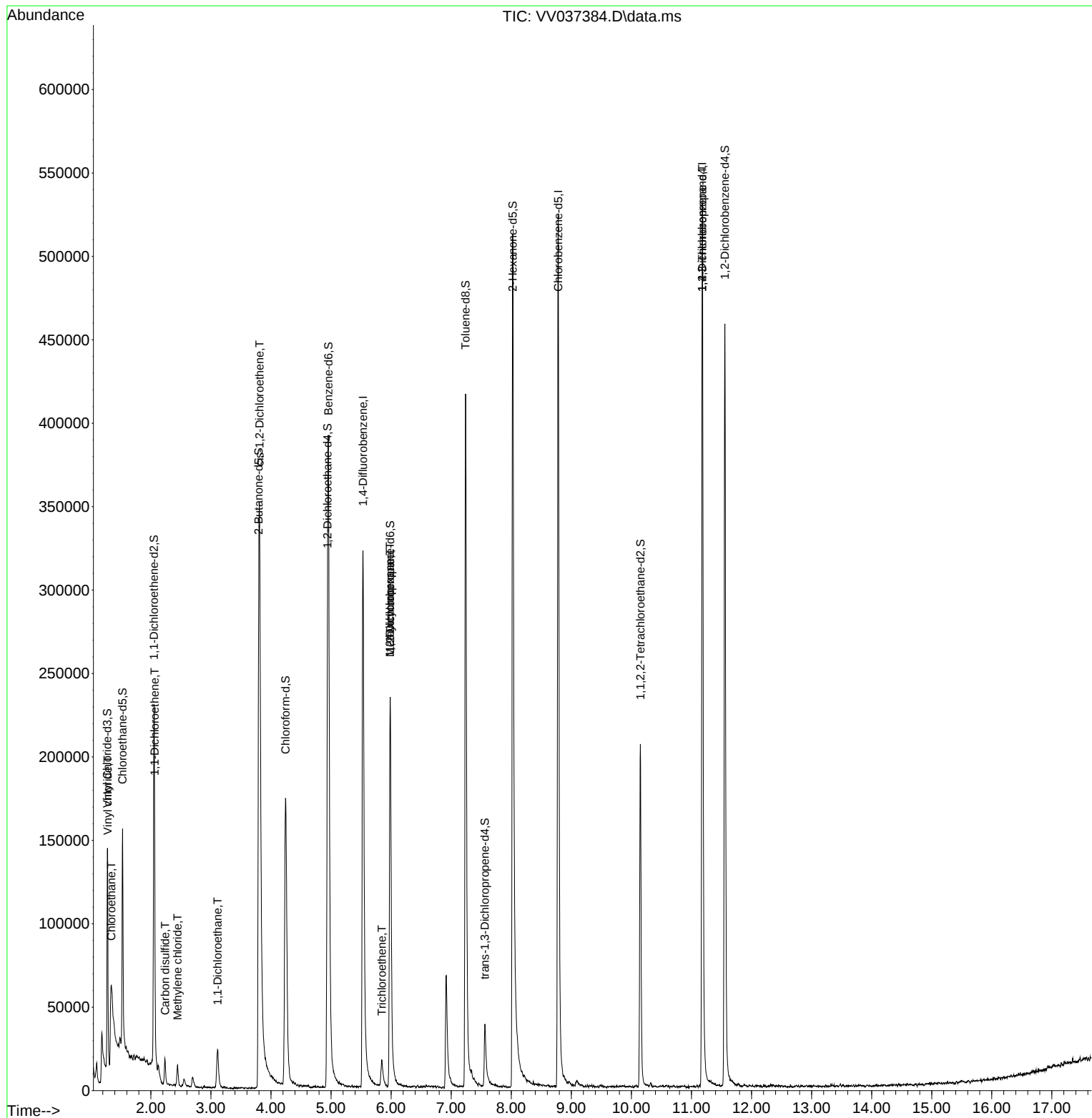
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	303210	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	315514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	143018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	64638	3.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.529	69	82164	4.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.053	65	35639	3.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.796	46	262044	49.292	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.580%
24) Chloroform-d	4.243	84	197006	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	4.941	65	96779	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	4.957	84	362176	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.986	67	124696	4.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.239	98	296717	3.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.561	79	27381	3.164	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.200%
46) 2-Hexanone-d5	8.024	63	205528	48.612	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.220%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	102229	4.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	122425	4.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
5) Vinyl chloride	1.282	62	28552	0.967	ug/L #	82
8) Chloroethane	1.339	64	147036	8.279	ug/L #	51
12) 1,1-Dichloroethene	2.063	96	4683	0.220	ug/L #	1
14) Carbon disulfide	2.236	76	18333	0.274	ug/L	98
16) Methylene chloride	2.445	84	5363	0.220	ug/L	93
19) 1,1-Dichloroethane	3.111	63	25517	0.598	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	124532	5.153	ug/L	99
34) Trichloroethene	5.847	95	6244	0.244	ug/L	98
35) Methylcyclohexane	5.982	83	29801	0.765	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	13077	0.541	ug/L #	88
61) 1,2,3-Trichloropropane	11.181	75	18036	1.386	ug/L #	68

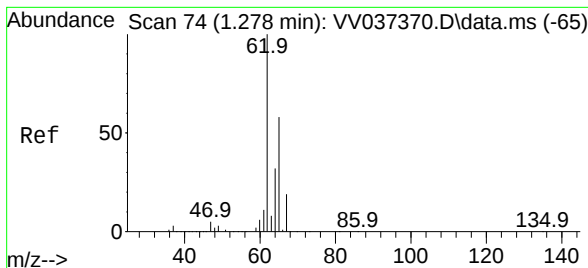
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.967 ug/L

RT: 1.282 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV037384.D

Acq: 19 Sep 2024 15:50

Instrument :

MSVOA_V

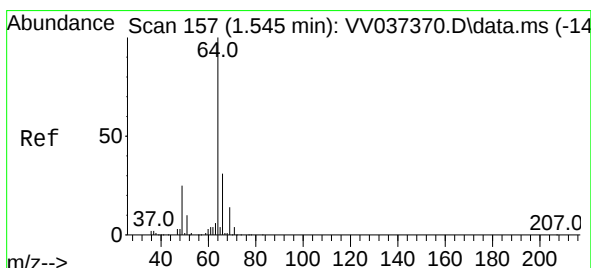
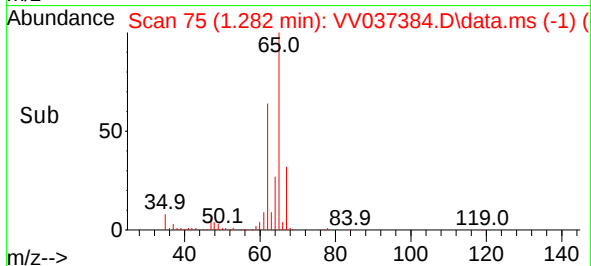
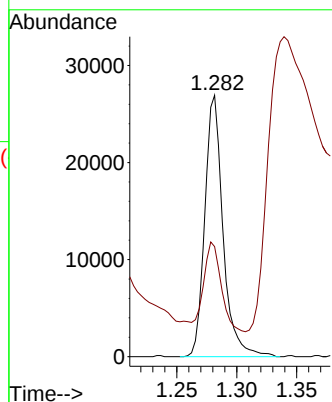
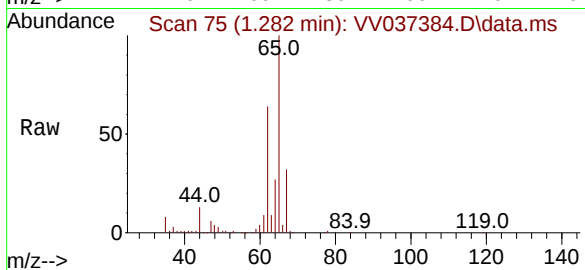
ClientSampleId :

Tgt Ion: 62 Resp: 28552

Ion Ratio Lower Upper

62 100

64 42.1 22.4 41.6#



#8

Chloroethane

Concen: 8.279 ug/L

RT: 1.339 min Scan# 93

Delta R.T. -0.206 min

Lab File: VV037384.D

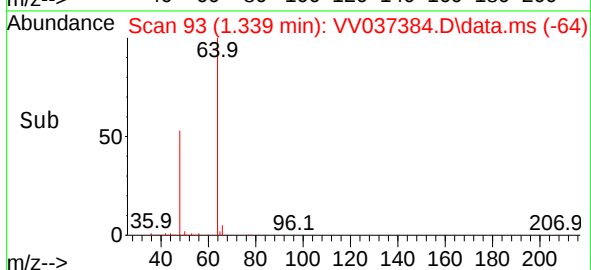
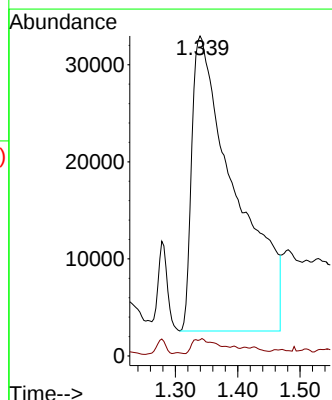
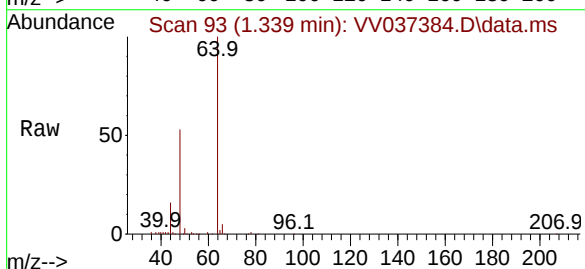
Acq: 19 Sep 2024 15:50

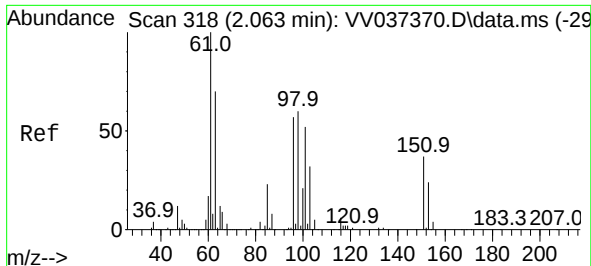
Tgt Ion: 64 Resp: 147036

Ion Ratio Lower Upper

64 100

66 5.0 22.7 42.1#





#12

1,1-Dichloroethene

Concen: 0.220 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

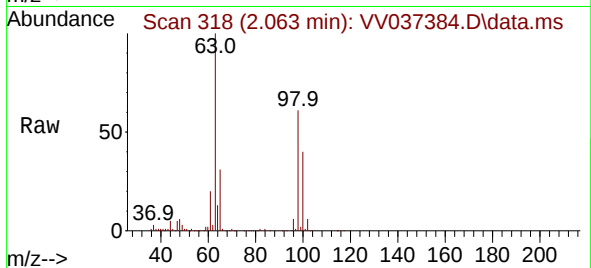
Lab File: VV037384.D

Acq: 19 Sep 2024 15:50

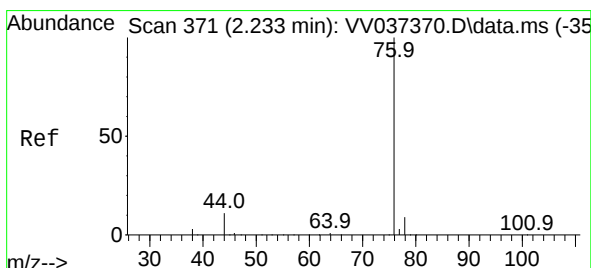
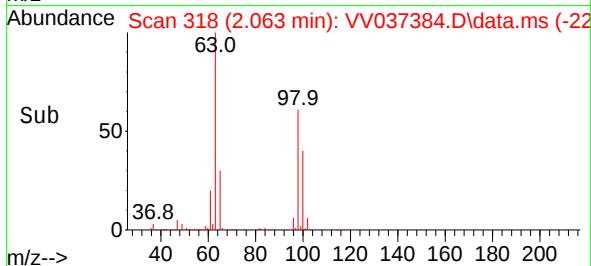
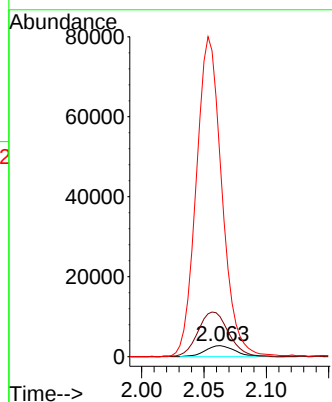
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	4683
Ion	Ratio	Lower	Upper
96	100		
61	363.3	119.9	222.7#
63	1791.2	81.4	151.2#



#14

Carbon disulfide

Concen: 0.274 ug/L

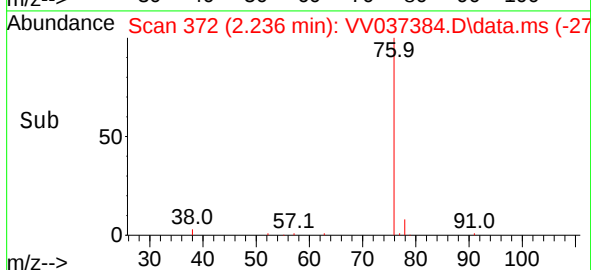
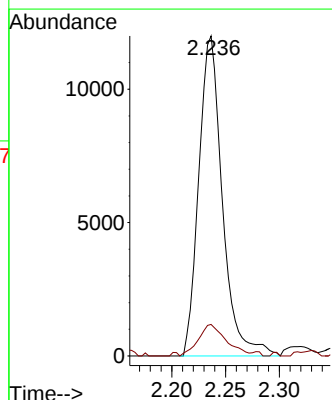
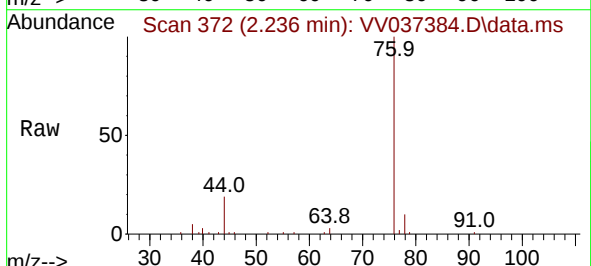
RT: 2.236 min Scan# 372

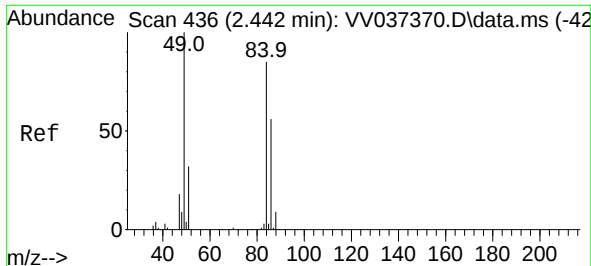
Delta R.T. 0.003 min

Lab File: VV037384.D

Acq: 19 Sep 2024 15:50

Tgt Ion:	76	Resp:	18333
Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9





#16

Methylene chloride

Concen: 0.220 ug/L

RT: 2.445 min Scan# 441

Delta R.T. 0.003 min

Lab File: VV037384.D

Acq: 19 Sep 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

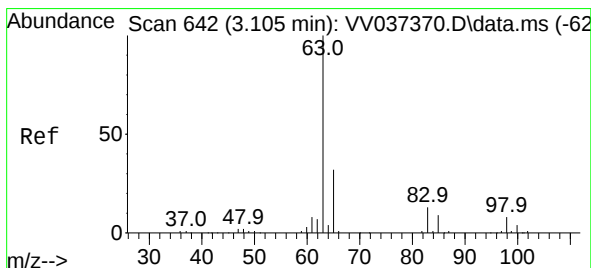
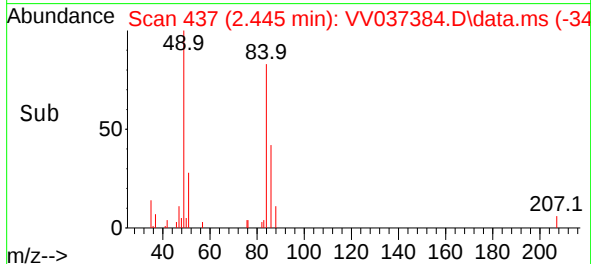
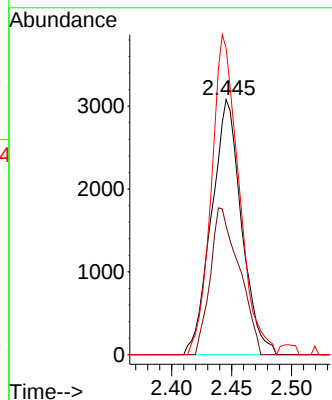
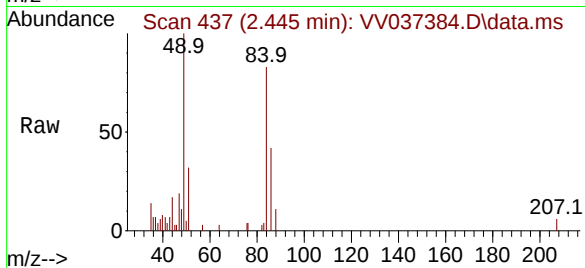
Tgt Ion: 84 Resp: 5363

Ion Ratio Lower Upper

84 100

86 50.4 44.0 81.8

49 120.1 83.0 154.1



#19

1,1-Dichloroethane

Concen: 0.598 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.006 min

Lab File: VV037384.D

Acq: 19 Sep 2024 15:50

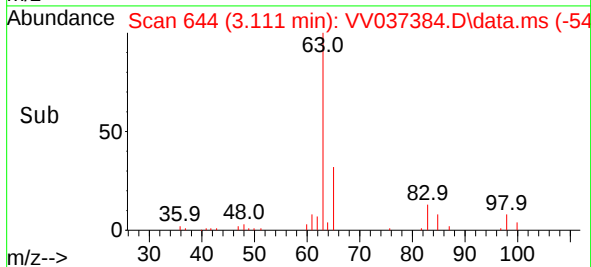
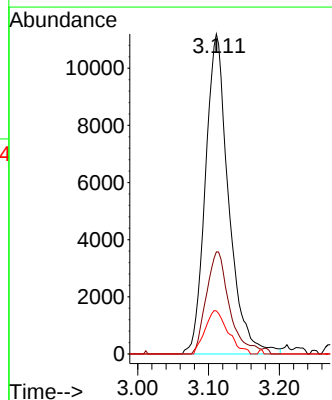
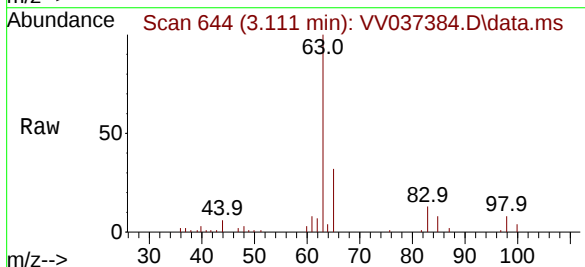
Tgt Ion: 63 Resp: 25517

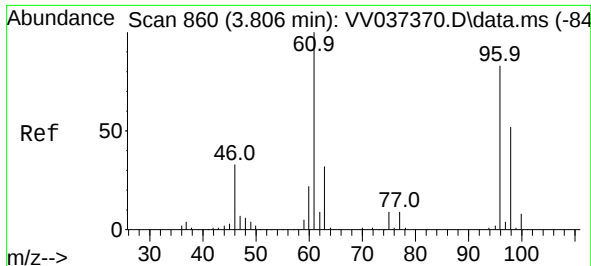
Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.7

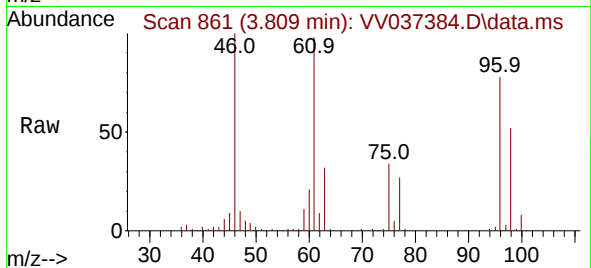
83 13.4 8.9 16.5



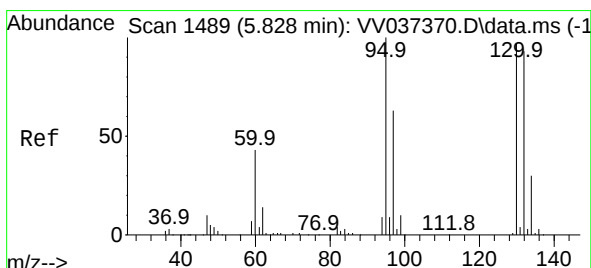
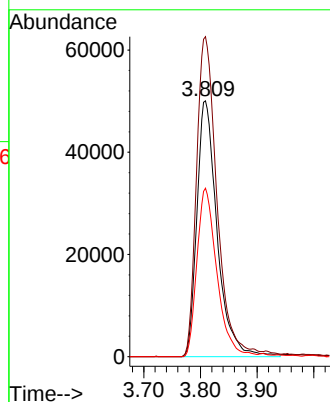
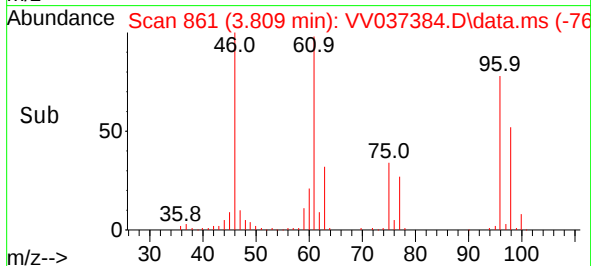


#22
 cis-1,2-Dichloroethene
 Concen: 5.153 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV037384.D
 Acq: 19 Sep 2024 15:50

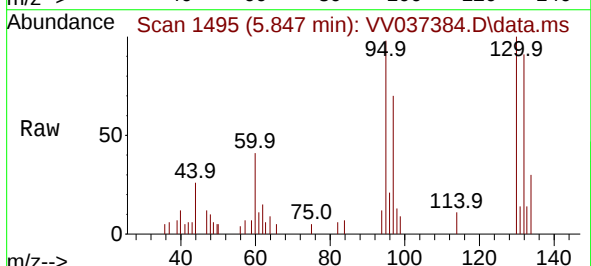
Instrument :
 MSVOA_V
 ClientSampleId :



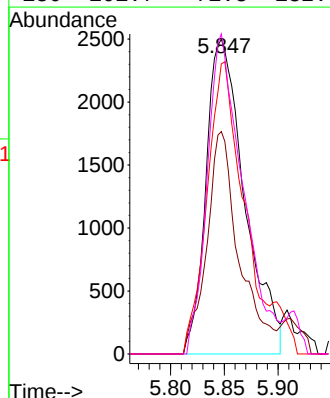
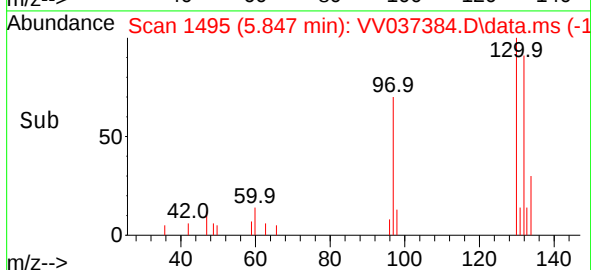
Tgt Ion: 96 Resp: 124532
 Ion Ratio Lower Upper
 96 100
 61 125.1 87.6 162.6
 98 65.9 44.9 83.5

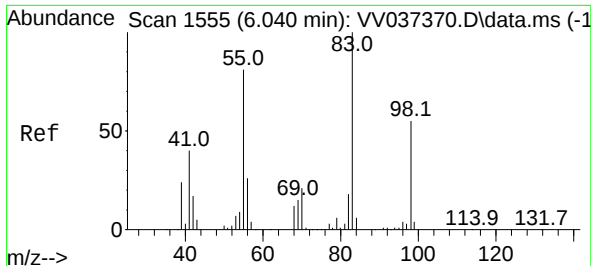


#34
 Trichloroethene
 Concen: 0.244 ug/L
 RT: 5.847 min Scan# 1495
 Delta R.T. 0.019 min
 Lab File: VV037384.D
 Acq: 19 Sep 2024 15:50



Tgt Ion: 95 Resp: 6244
 Ion Ratio Lower Upper
 95 100
 97 70.7 46.5 86.5
 132 92.2 65.5 121.7
 130 101.7 71.3 132.3





#35

Methylcyclohexane

Concen: 0.765 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV037384.D

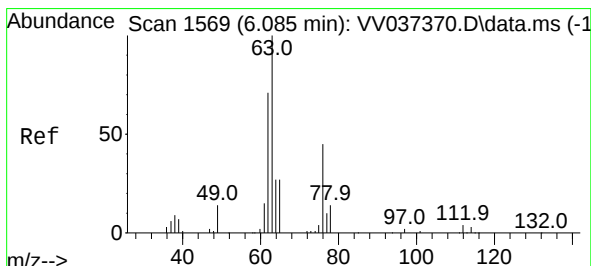
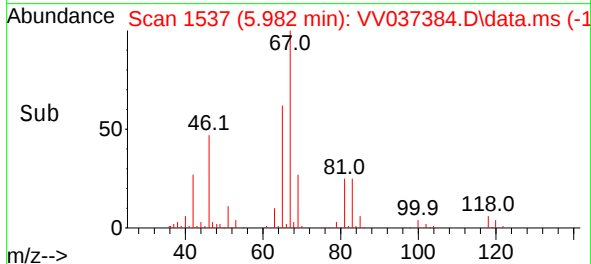
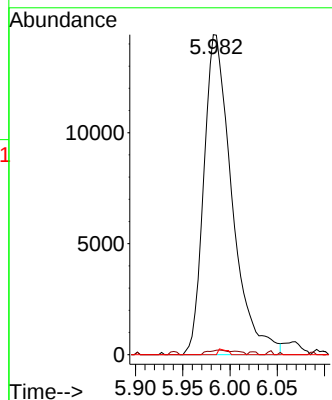
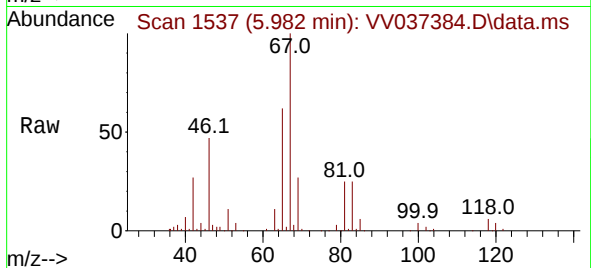
Acq: 19 Sep 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	29801
Ion	Ratio	Lower	Upper
83	100		
55	1.0	60.3	90.5#
98	0.6	38.2	57.4#



#37

1,2-Dichloropropane

Concen: 0.541 ug/L

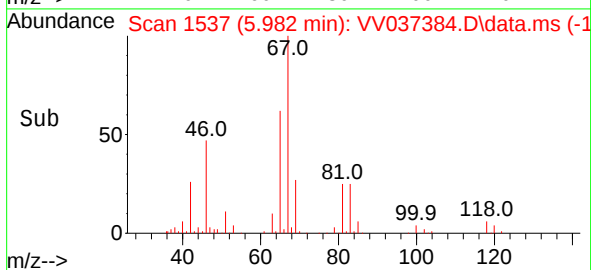
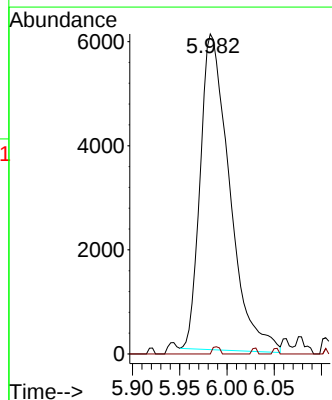
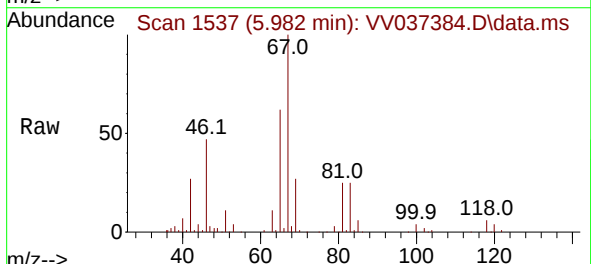
RT: 5.982 min Scan# 1537

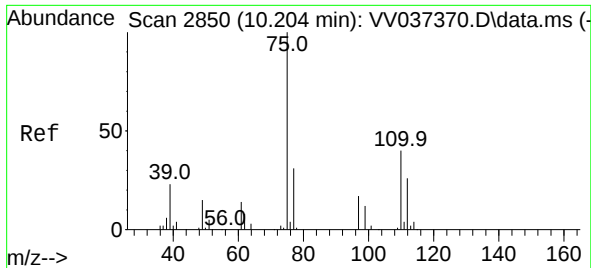
Delta R.T. -0.103 min

Lab File: VV037384.D

Acq: 19 Sep 2024 15:50

Tgt Ion:	63	Resp:	13077
Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.7	5.5#





#61

1,2,3-Trichloropropane

Concen: 1.386 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

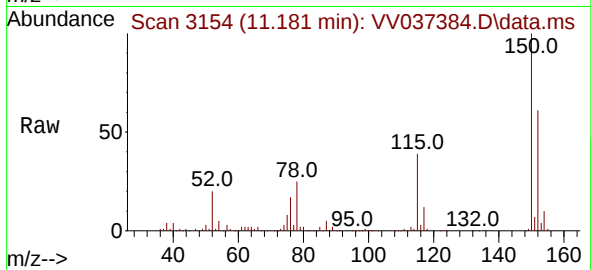
Lab File: VV037384.D

Acq: 19 Sep 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 18036

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4

110 3.4 31.0 46.4#

