

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037405.D
 Acq On : 20 Sep 2024 01:06
 Operator : SY/MD
 Sample : P3988-17DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 04:16:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 03:11:07 2024
 Response via : Initial Calibration

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

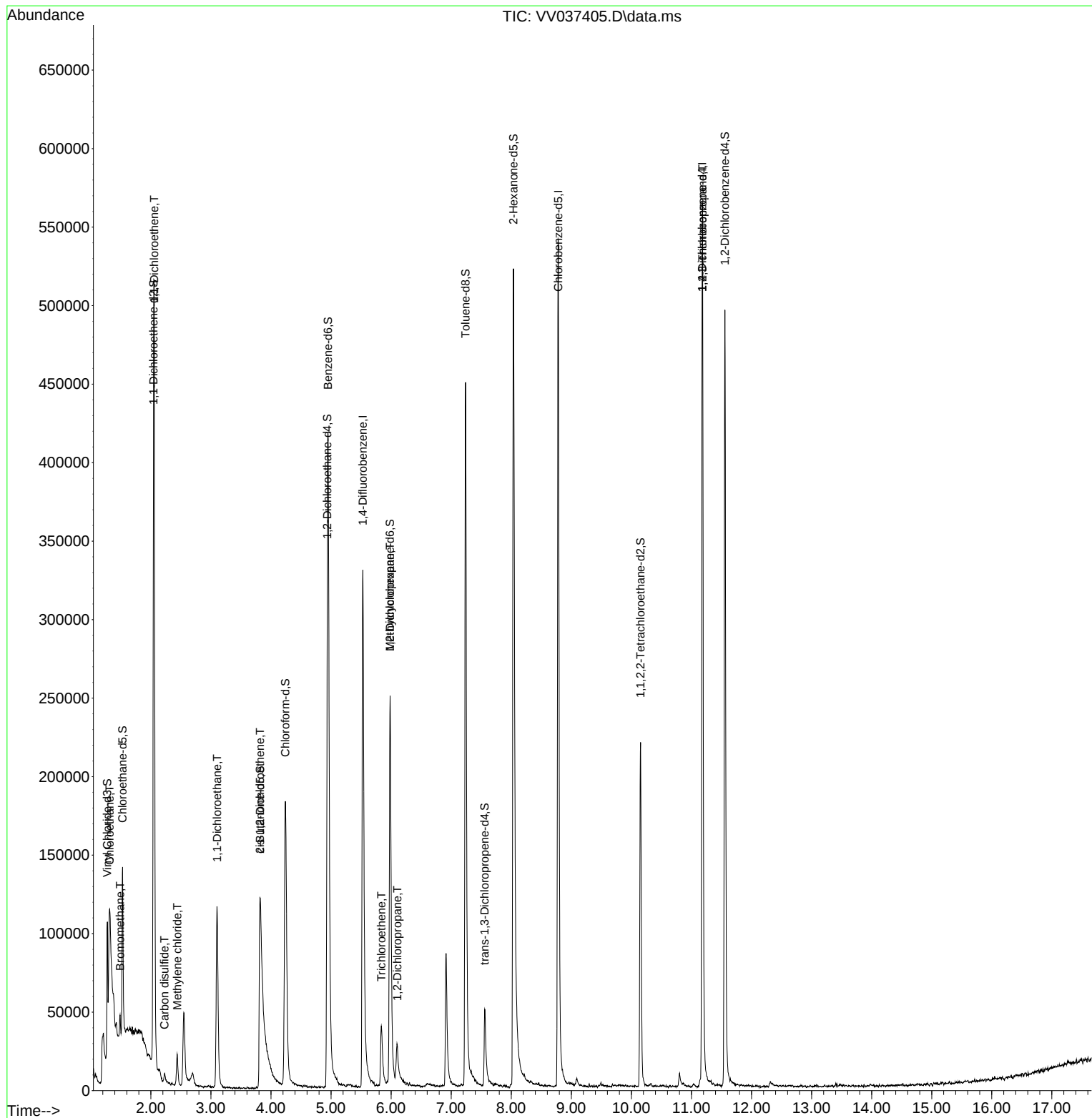
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	319002	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	325833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	155786	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66137	3.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.529	69	78262	4.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.044	65	37328	3.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.818	46	255096	45.609	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.220%
24) Chloroform-d	4.240	84	210284	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.937	65	101901	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	4.950	84	386302	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	5.982	67	132170	4.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.239	98	324564	4.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.558	79	38487	4.307	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.037	63	237450	54.383	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.760%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	113675	5.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	130721	4.720	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
6) Bromomethane	1.487	94	6499	0.349	ug/L	94
8) Chloroethane	1.314	64	290270	15.534	ug/L #	51
12) 1,1-Dichloroethene	2.056	96	110189	4.929	ug/L	90
14) Carbon disulfide	2.227	76	9828	0.139	ug/L	97
16) Methylene chloride	2.439	84	7878	0.307	ug/L	88
19) 1,1-Dichloroethane	3.101	63	119838	2.668	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	7000	0.275	ug/L	94
34) Trichloroethene	5.838	95	15198	0.574	ug/L	96
35) Methylcyclohexane	5.982	83	31719	0.789	ug/L #	19
37) 1,2-Dichloropropane	6.101	63	11854	0.475	ug/L #	96
61) 1,2,3-Trichloropropane	11.185	75	18512	1.306	ug/L #	66

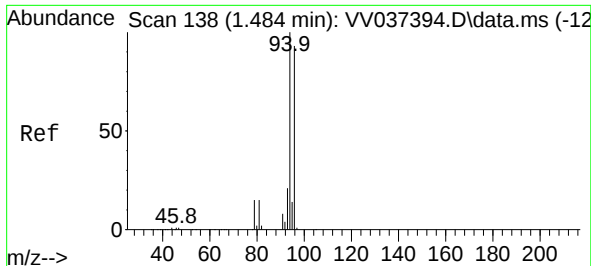
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 03:11:07 2024
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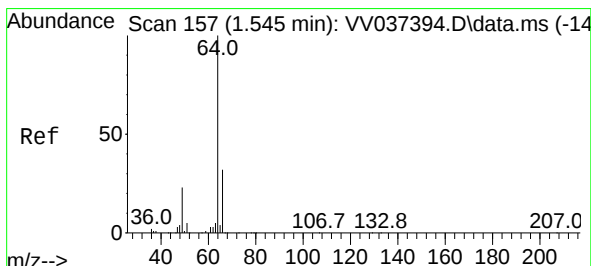
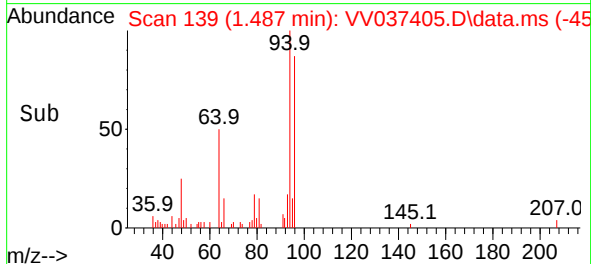
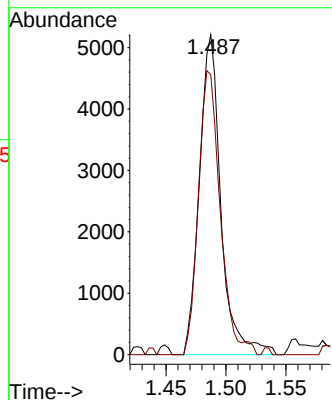
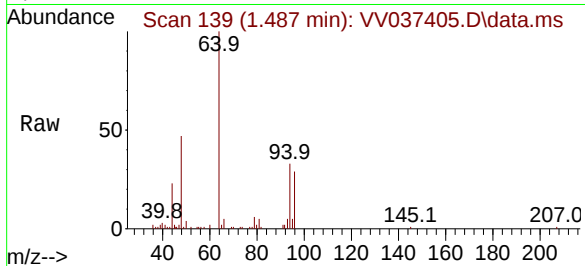




#6
Bromomethane
Concen: 0.349 ug/L
RT: 1.487 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV037405.D
Acq: 20 Sep 2024 01:06

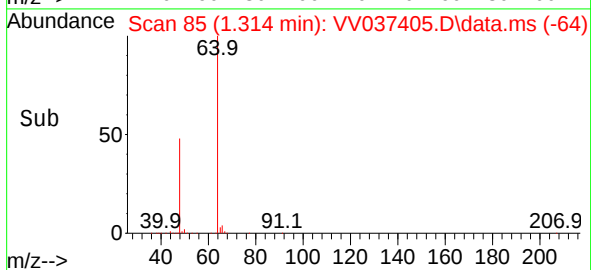
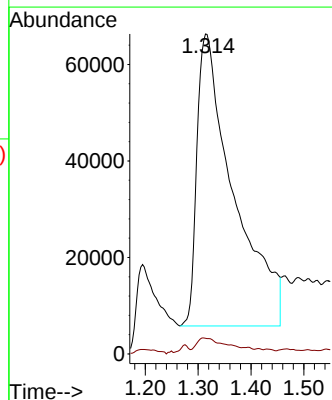
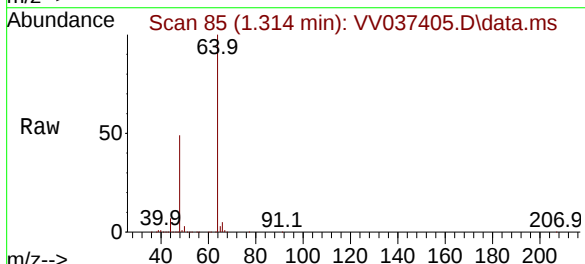
Instrument :
MSVOA_V
ClientSampleId :

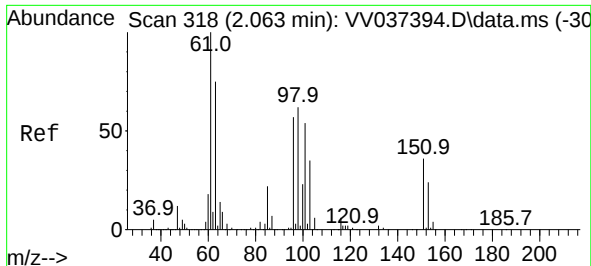
Tgt Ion: 94 Resp: 6499
Ion Ratio Lower Upper
94 100
96 87.5 65.3 121.3



#8
Chloroethane
Concen: 15.534 ug/L
RT: 1.314 min Scan# 85
Delta R.T. -0.231 min
Lab File: VV037405.D
Acq: 20 Sep 2024 01:06

Tgt Ion: 64 Resp: 290270
Ion Ratio Lower Upper
64 100
66 4.9 22.7 42.1#





#12

1,1-Dichloroethene

Concen: 4.929 ug/L

RT: 2.056 min Scan# 318

Delta R.T. -0.006 min

Lab File: VV037405.D

Acq: 20 Sep 2024 01:06

Instrument :

MSVOA_V

ClientSampleId :

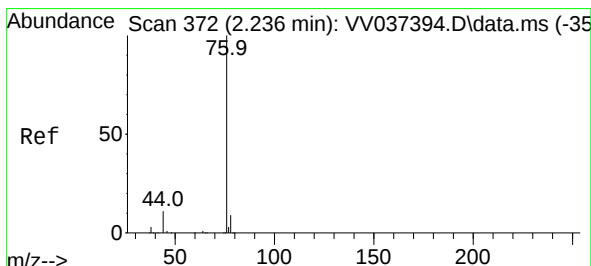
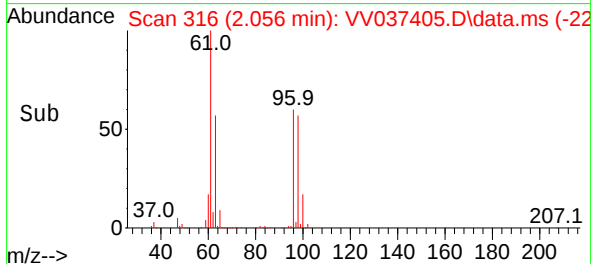
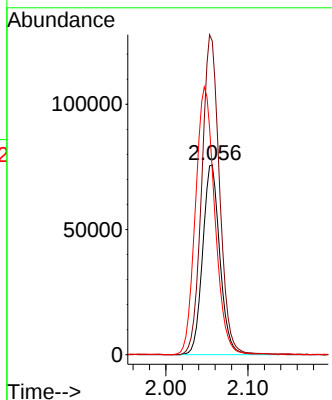
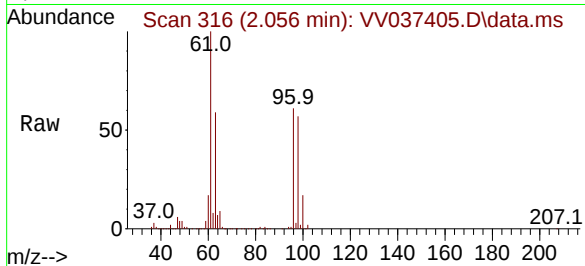
Tgt Ion: 96 Resp: 110189

Ion Ratio Lower Upper

96 100

61 165.2 119.9 222.7

63 97.2 81.4 151.2



#14

Carbon disulfide

Concen: 0.139 ug/L

RT: 2.227 min Scan# 369

Delta R.T. -0.010 min

Lab File: VV037405.D

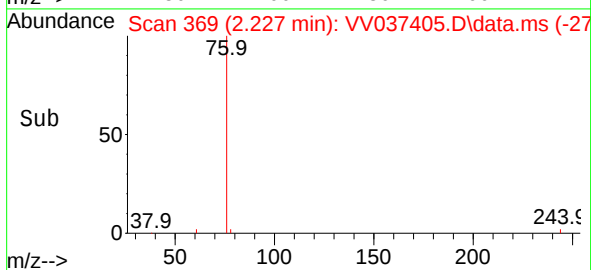
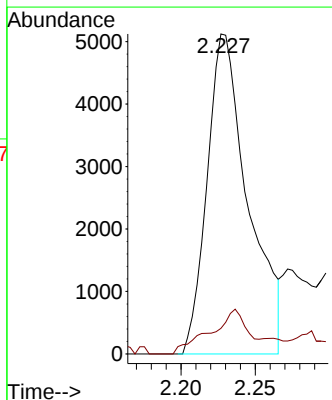
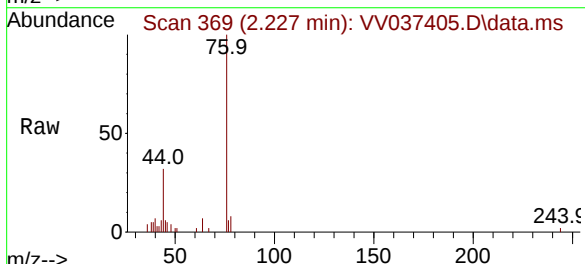
Acq: 20 Sep 2024 01:06

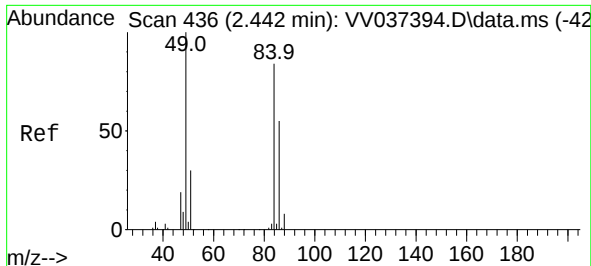
Tgt Ion: 76 Resp: 9828

Ion Ratio Lower Upper

76 100

78 8.0 7.3 10.9





#16

Methylene chloride

Concen: 0.307 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.003 min

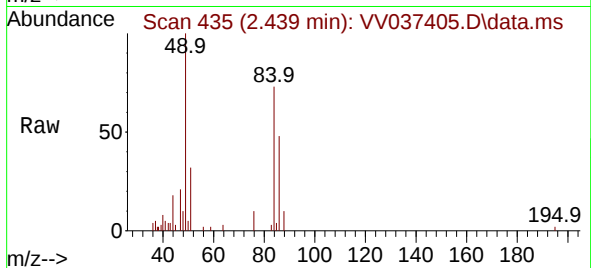
Lab File: VV037405.D

Acq: 20 Sep 2024 01:06

Instrument :

MSVOA_V

ClientSampleId :



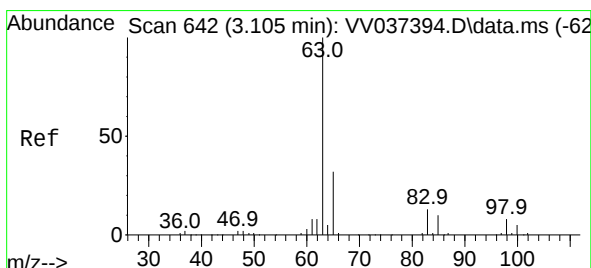
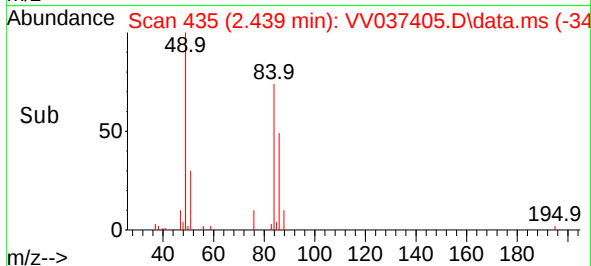
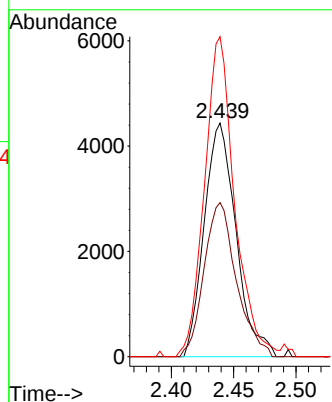
Tgt Ion: 84 Resp: 7878

Ion Ratio Lower Upper

84 100

86 66.0 44.0 81.8

49 137.0 83.0 154.1



#19

1,1-Dichloroethane

Concen: 2.668 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.003 min

Lab File: VV037405.D

Acq: 20 Sep 2024 01:06

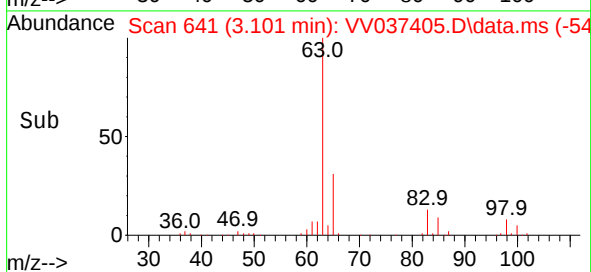
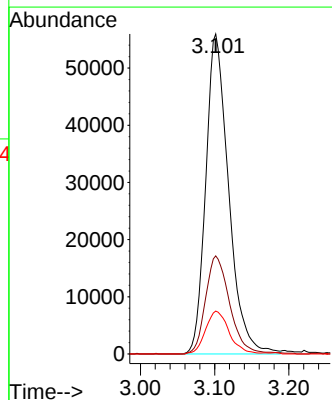
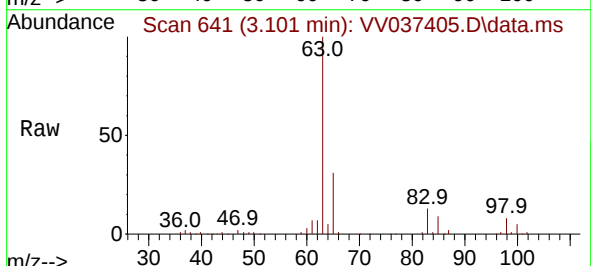
Tgt Ion: 63 Resp: 119838

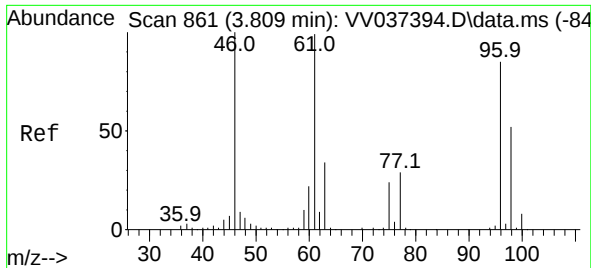
Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.7

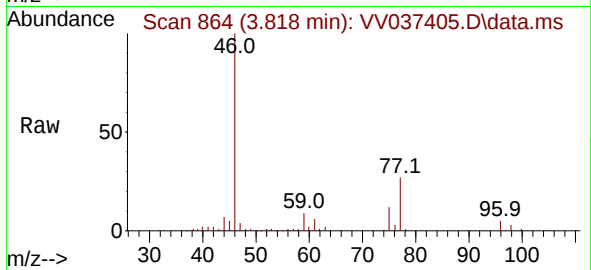
83 13.4 8.9 16.5





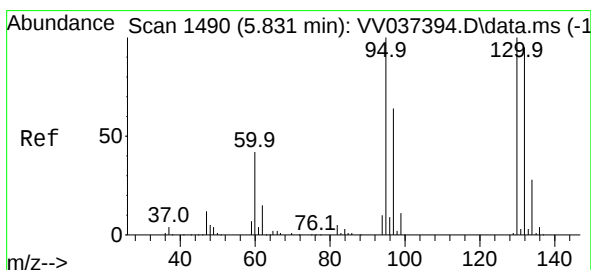
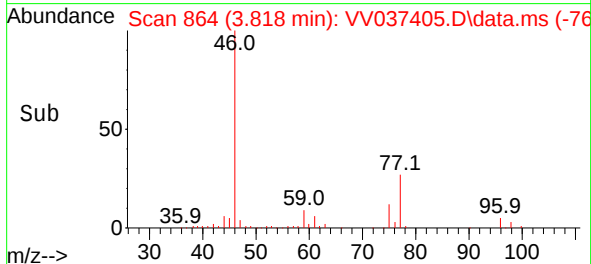
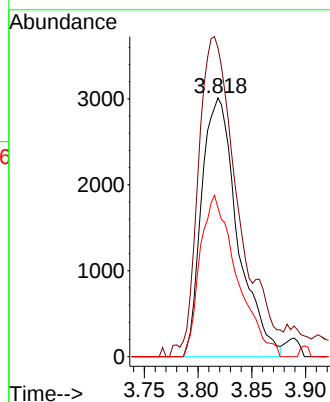
#22
 cis-1,2-Dichloroethene
 Concen: 0.275 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.010 min
 Lab File: VV037405.D
 Acq: 20 Sep 2024 01:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 7000

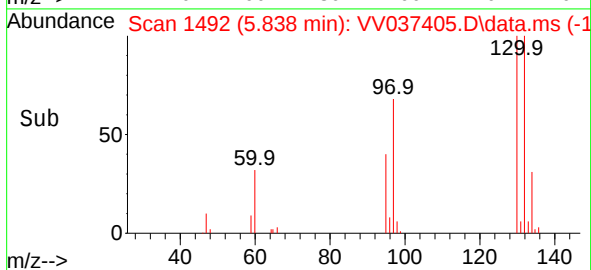
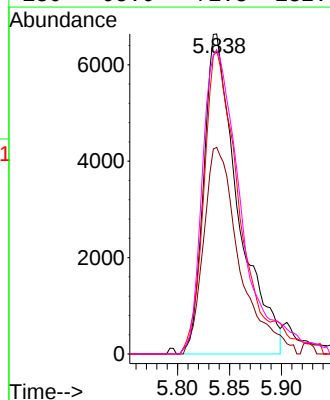
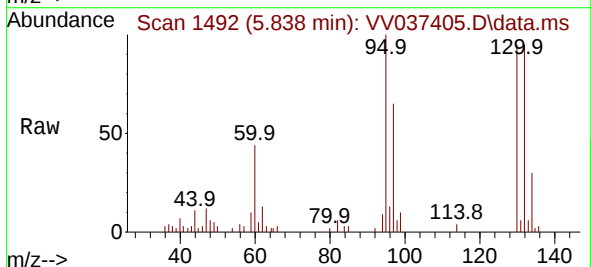
Ion	Ratio	Lower	Upper
96	100		
61	119.4	87.6	162.6
98	57.6	44.9	83.5

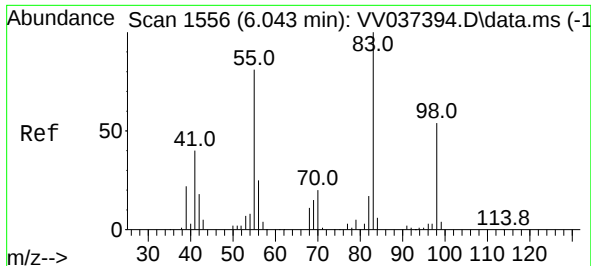


#34
 Trichloroethene
 Concen: 0.574 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. 0.006 min
 Lab File: VV037405.D
 Acq: 20 Sep 2024 01:06

Tgt Ion: 95 Resp: 15198

Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.5	86.5
132	95.0	65.5	121.7
130	95.0	71.3	132.3





#35

Methylcyclohexane

Concen: 0.789 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.061 min

Lab File: VV037405.D

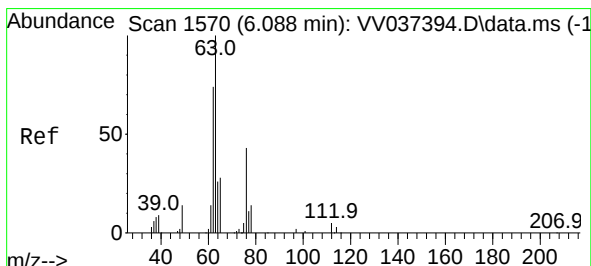
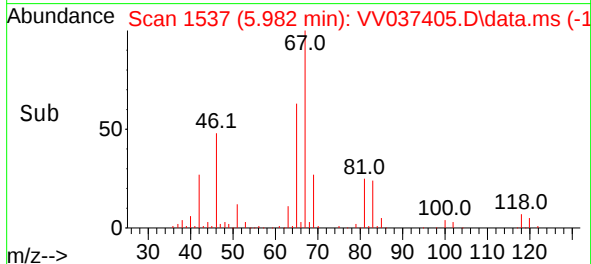
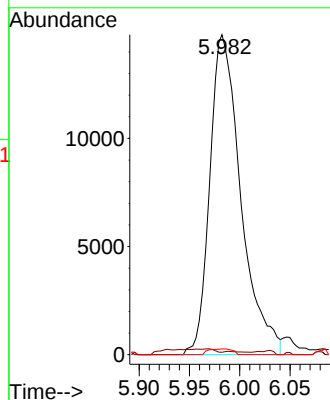
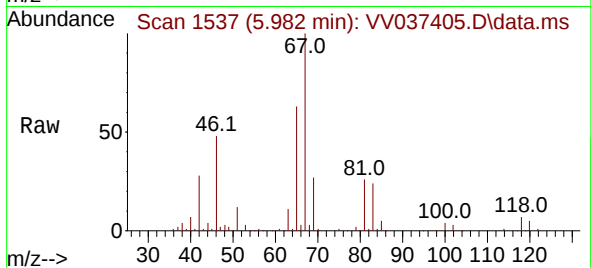
Acq: 20 Sep 2024 01:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	31719
Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.3	90.5#
98	1.4	38.2	57.4#



#37

1,2-Dichloropropane

Concen: 0.475 ug/L

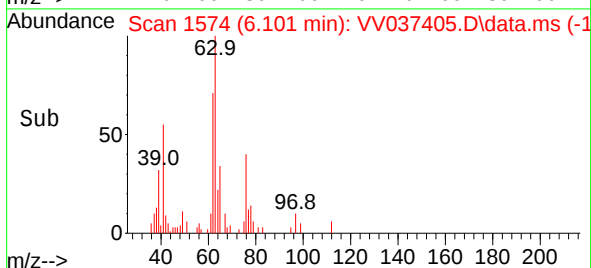
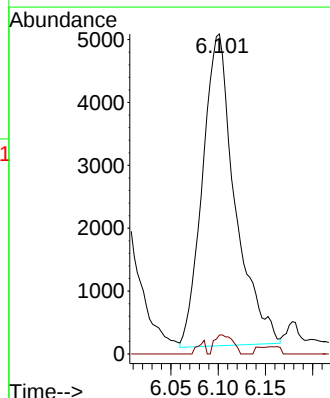
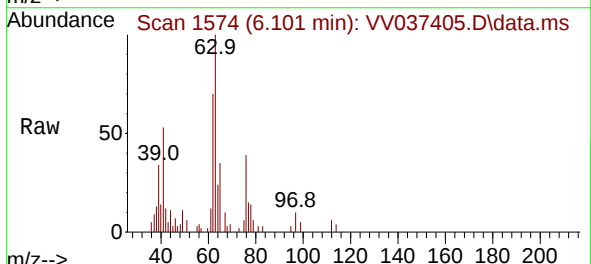
RT: 6.101 min Scan# 1574

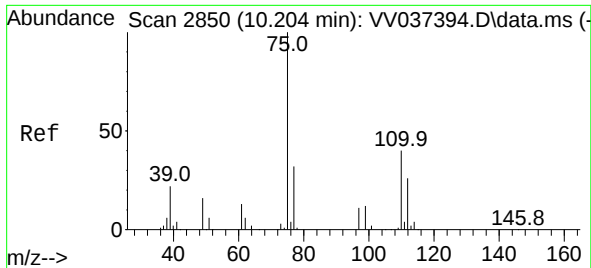
Delta R.T. 0.013 min

Lab File: VV037405.D

Acq: 20 Sep 2024 01:06

Tgt Ion:	63	Resp:	11854
Ion	Ratio	Lower	Upper
63	100		
112	3.4	3.7	5.5#





#61

1,2,3-Trichloropropane

Concen: 1.306 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.981 min

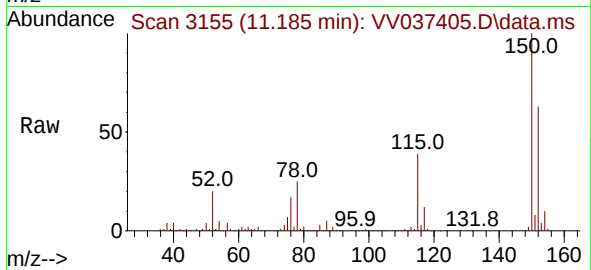
Lab File: VV037405.D

Acq: 20 Sep 2024 01:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 18512

Ion Ratio Lower Upper

75 100

77 34.6 25.6 38.4

110 3.3 31.0 46.4#

