

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037401.D
 Acq On : 19 Sep 2024 23:29
 Operator : SY/MD
 Sample : P3988-11DL 20X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 04:15:36 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)

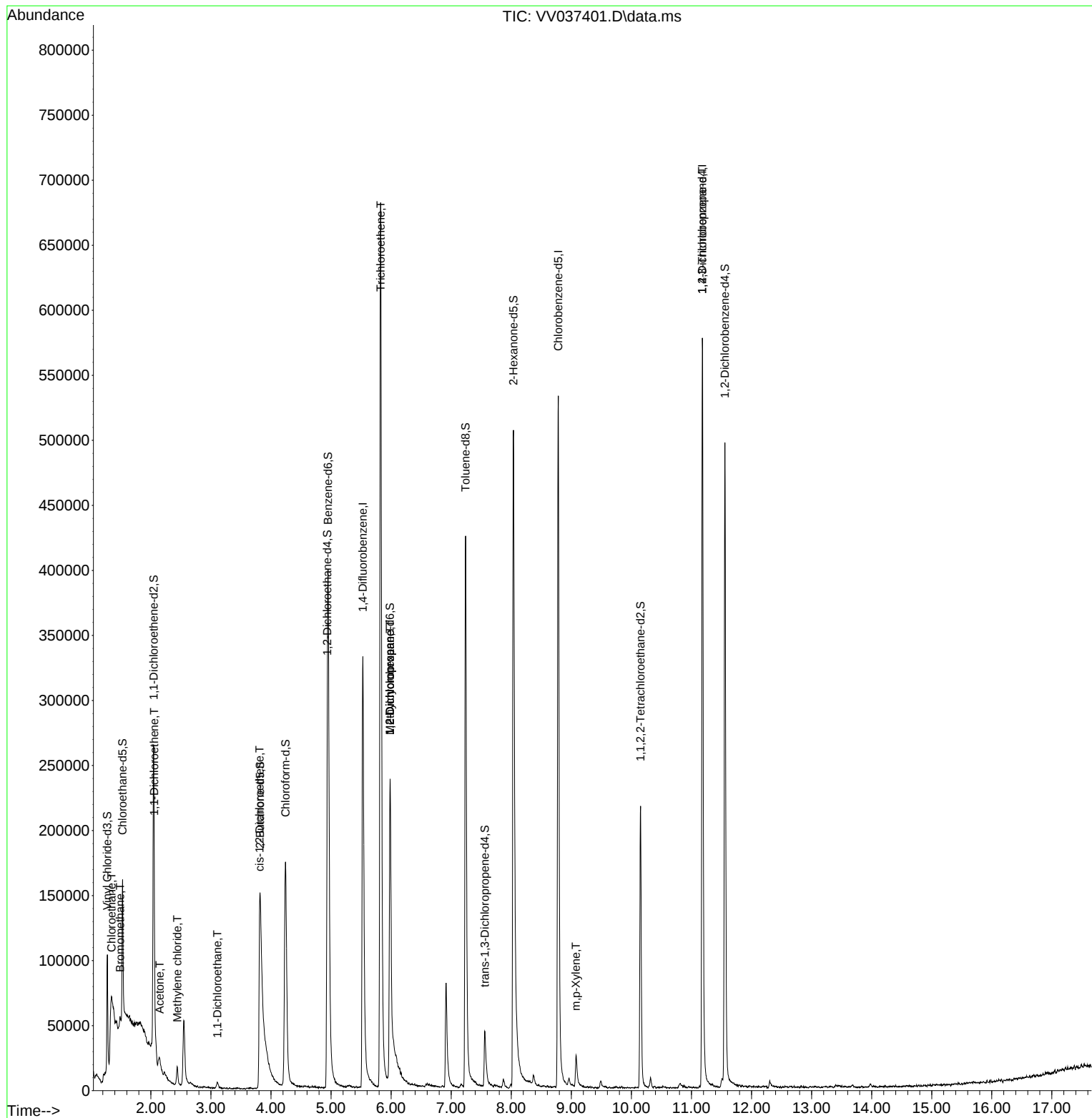
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	310366	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324623	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	158290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	61361	3.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.529	69	74730	3.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.047	65	36143	3.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.818	46	286872	52.718	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.440%
24) Chloroform-d	4.243	84	197850	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	4.937	65	97185	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.950	84	376536	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	5.982	67	126991	4.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.239	98	306556	3.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.561	79	30357	3.410	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.037	63	227315	52.256	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.520%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	113388	5.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	131787	4.683	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
6) Bromomethane	1.487	94	3515	0.194	ug/L	96
8) Chloroethane	1.346	64	162580	8.943	ug/L #	51
12) 1,1-Dichloroethene	2.056	96	12857	0.591	ug/L #	1
13) Acetone	2.146	43	21682	5.722	ug/L	91
16) Methylene chloride	2.439	84	6003	0.240	ug/L	94
19) 1,1-Dichloroethane	3.108	63	4971	0.114	ug/L	88
22) cis-1,2-Dichloroethene	3.809	96	28758	1.162	ug/L	99
34) Trichloroethene	5.825	95	259022	9.827	ug/L	97
35) Methylcyclohexane	5.982	83	31206	0.779	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	13628	0.548	ug/L #	88
53) m,p-Xylene	9.079	106	8163	0.195	ug/L	92
61) 1,2,3-Trichloropropane	11.181	75	19773	1.373	ug/L #	66

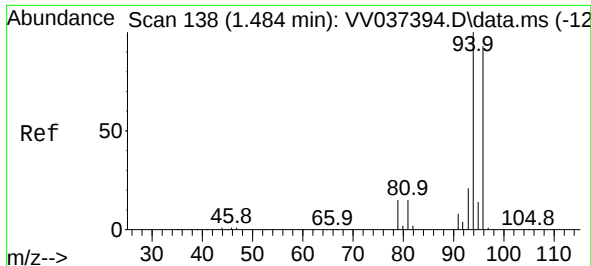
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 03:11:07 2024
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.194 ug/L

RT: 1.487 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV037401.D

Acq: 19 Sep 2024 23:29

Instrument :

MSVOA_V

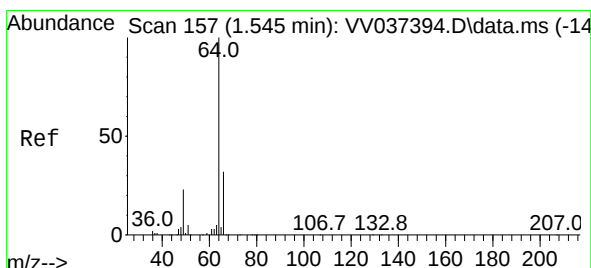
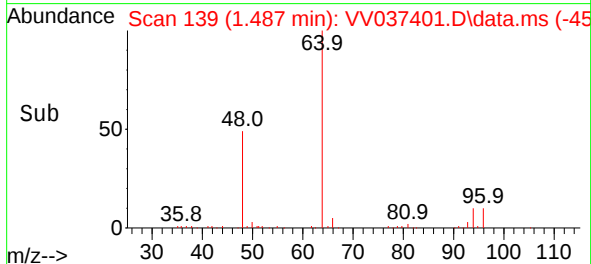
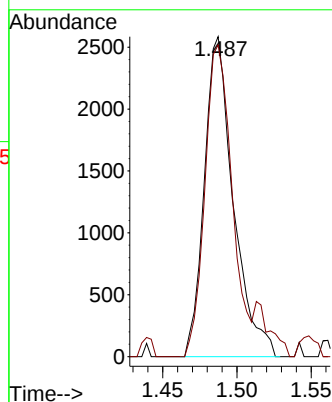
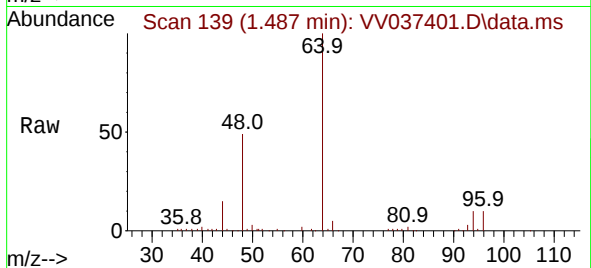
ClientSampleId :

Tgt Ion: 94 Resp: 3515

Ion Ratio Lower Upper

94 100

96 97.4 65.3 121.3



#8

Chloroethane

Concen: 8.943 ug/L

RT: 1.346 min Scan# 95

Delta R.T. -0.199 min

Lab File: VV037401.D

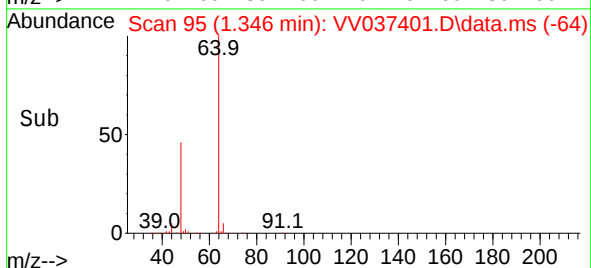
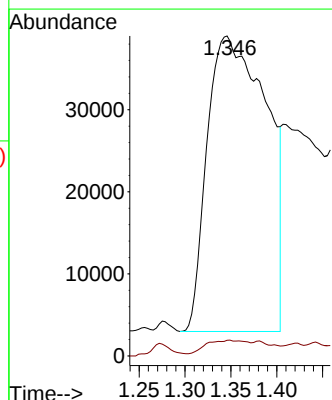
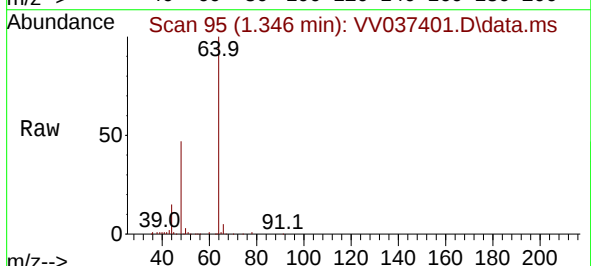
Acq: 19 Sep 2024 23:29

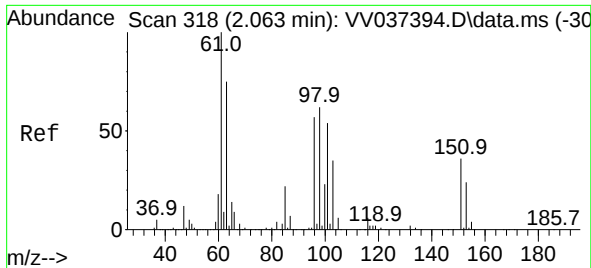
Tgt Ion: 64 Resp: 162580

Ion Ratio Lower Upper

64 100

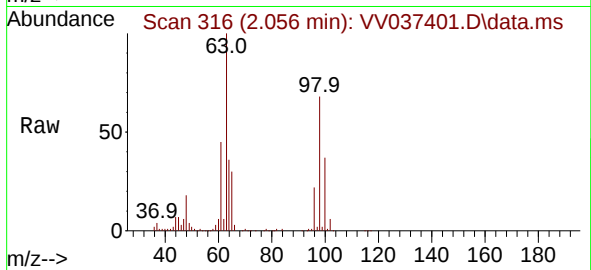
66 4.9 22.7 42.1#



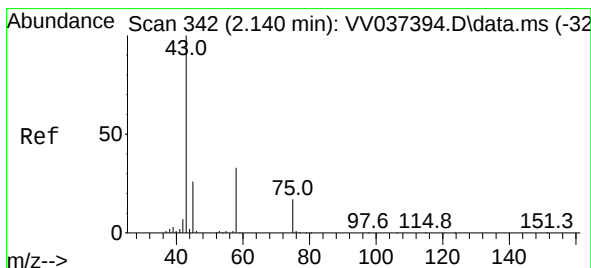
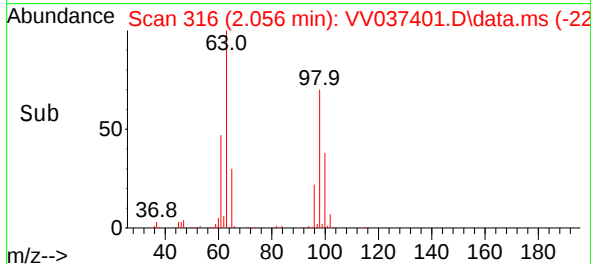
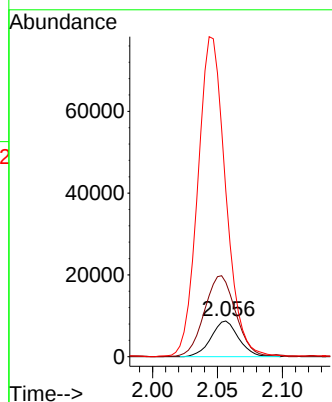


#12
 1,1-Dichloroethene
 Concen: 0.591 ug/L
 RT: 2.056 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV037401.D
 Acq: 19 Sep 2024 23:29

Instrument :
 MSVOA_V
 ClientSampleId :

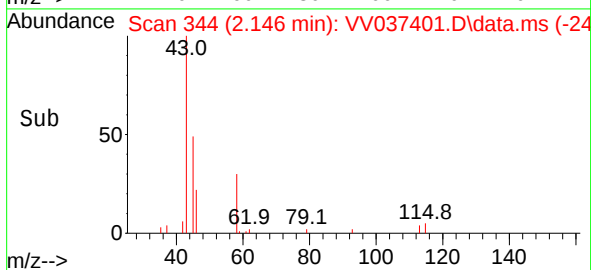
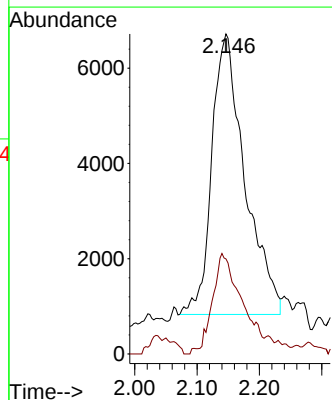
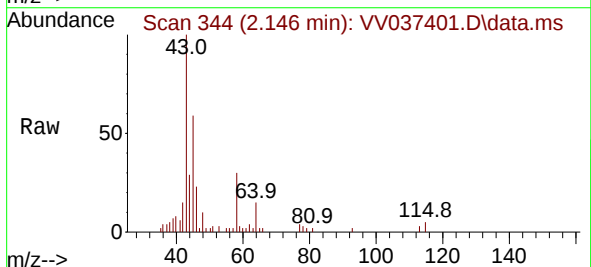


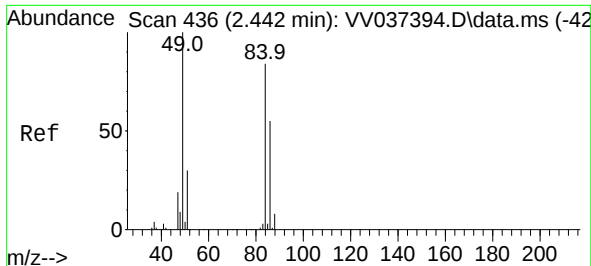
Tgt Ion: 96 Resp: 12857
 Ion Ratio Lower Upper
 96 100
 61 208.2 119.9 222.7
 63 465.0 81.4 151.2#



#13
 Acetone
 Concen: 5.722 ug/L
 RT: 2.146 min Scan# 344
 Delta R.T. 0.006 min
 Lab File: VV037401.D
 Acq: 19 Sep 2024 23:29

Tgt Ion: 43 Resp: 21682
 Ion Ratio Lower Upper
 43 100
 58 29.1 0.0 69.2





#16

Methylene chloride

Concen: 0.240 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.003 min

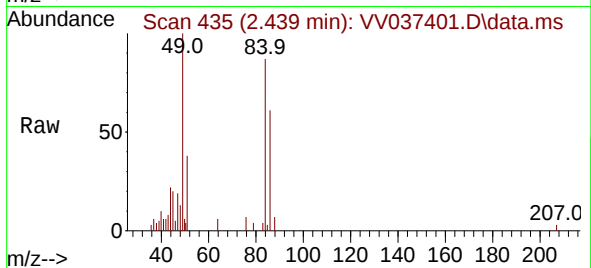
Lab File: VV037401.D

Acq: 19 Sep 2024 23:29

Instrument :

MSVOA_V

ClientSampleId :



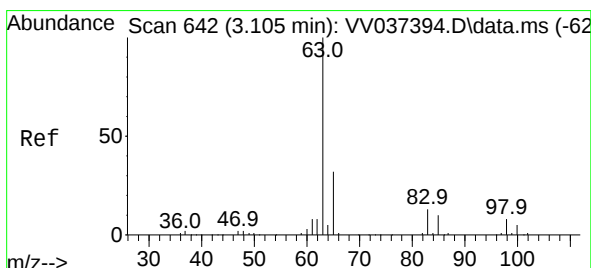
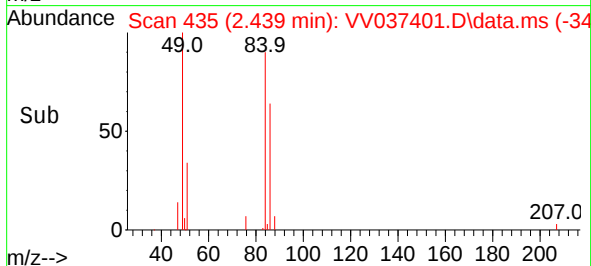
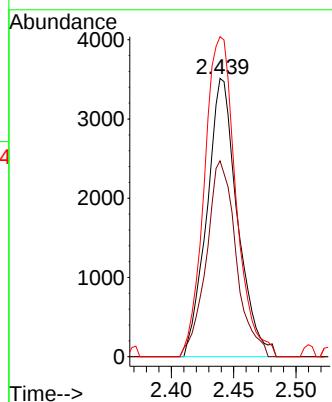
Tgt Ion: 84 Resp: 6003

Ion Ratio Lower Upper

84 100

86 70.4 44.0 81.8

49 122.2 83.0 154.1



#19

1,1-Dichloroethane

Concen: 0.114 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.003 min

Lab File: VV037401.D

Acq: 19 Sep 2024 23:29

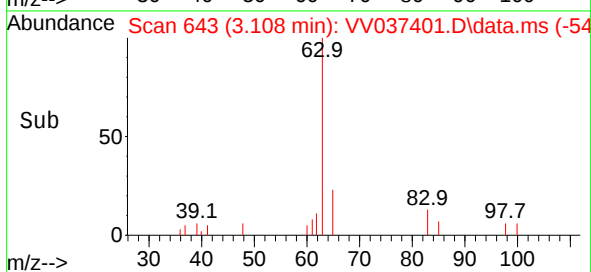
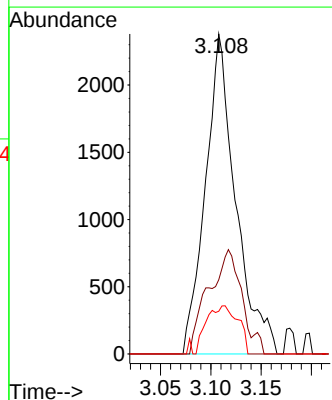
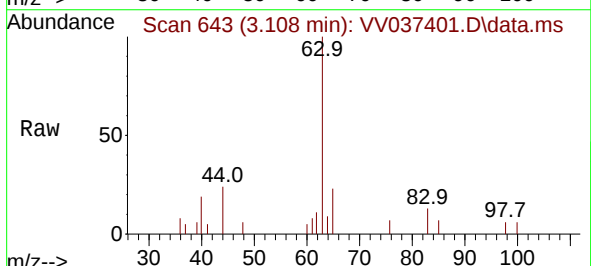
Tgt Ion: 63 Resp: 4971

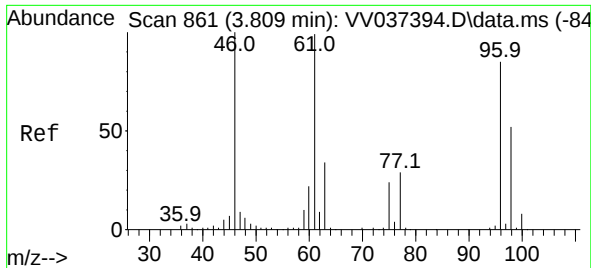
Ion Ratio Lower Upper

63 100

65 23.2 22.5 41.7

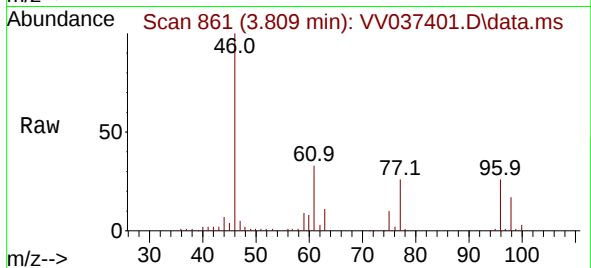
83 13.4 8.9 16.5



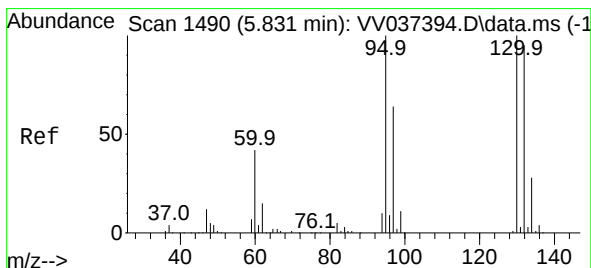
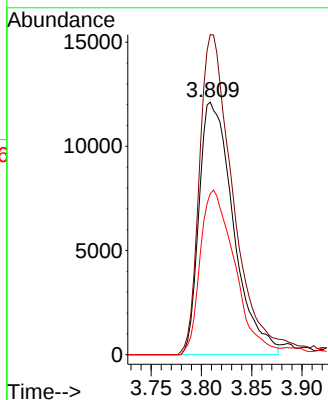
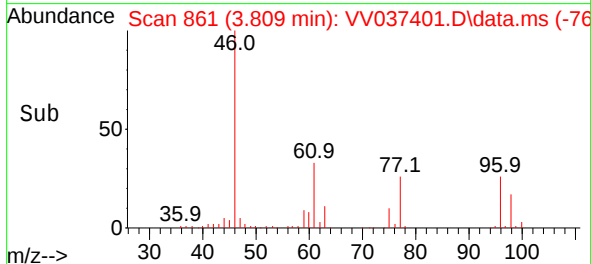


#22
 cis-1,2-Dichloroethene
 Concen: 1.162 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VV037401.D
 Acq: 19 Sep 2024 23:29

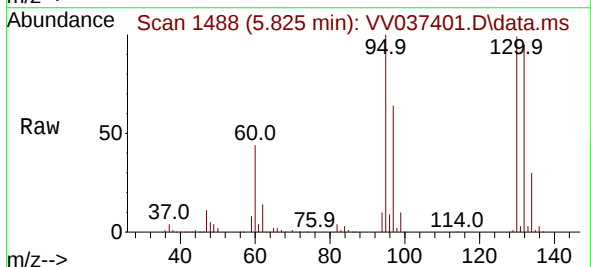
Instrument :
 MSVOA_V
 ClientSampleId :



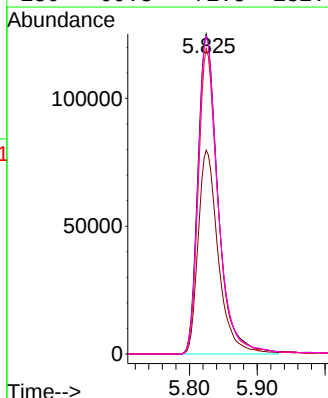
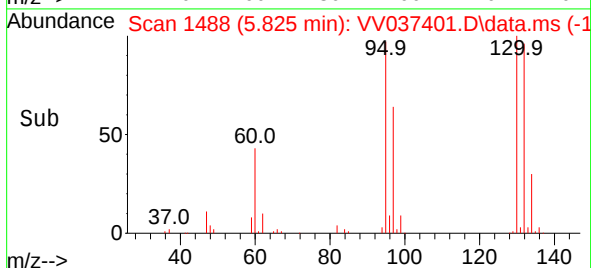
Tgt Ion: 96 Resp: 28758
 Ion Ratio Lower Upper
 96 100
 61 126.6 87.6 162.6
 98 63.7 44.9 83.5

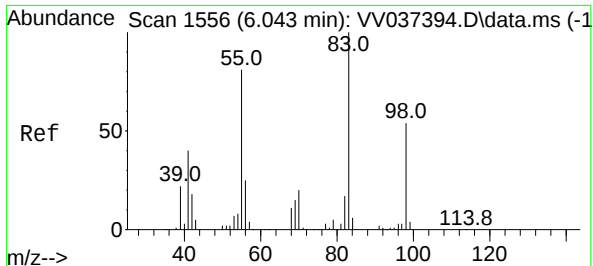


#34
 Trichloroethene
 Concen: 9.827 ug/L
 RT: 5.825 min Scan# 1488
 Delta R.T. -0.006 min
 Lab File: VV037401.D
 Acq: 19 Sep 2024 23:29



Tgt Ion: 95 Resp: 259022
 Ion Ratio Lower Upper
 95 100
 97 63.6 46.5 86.5
 132 95.5 65.5 121.7
 130 99.3 71.3 132.3





#35

Methylcyclohexane

Concen: 0.779 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.061 min

Lab File: VV037401.D

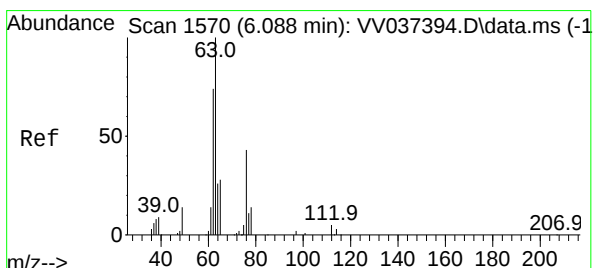
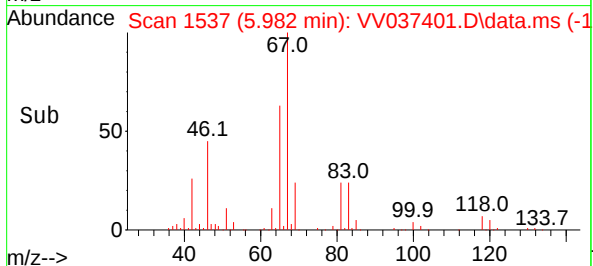
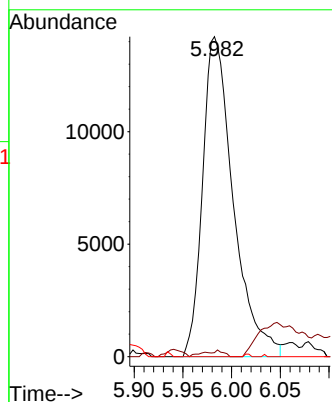
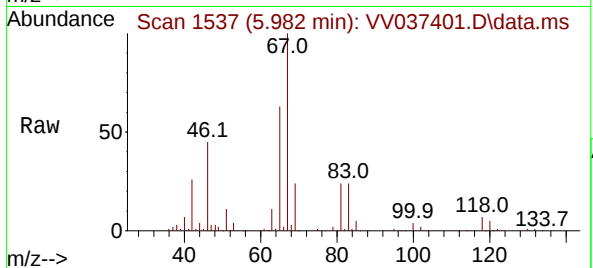
Acq: 19 Sep 2024 23:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	31206
Ion	Ratio	Lower	Upper
83	100		
55	0.6	60.3	90.5#
98	0.0	38.2	57.4#



#37

1,2-Dichloropropane

Concen: 0.548 ug/L

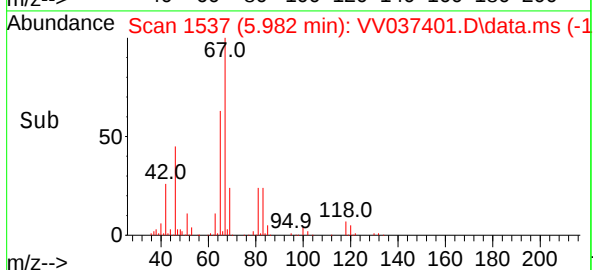
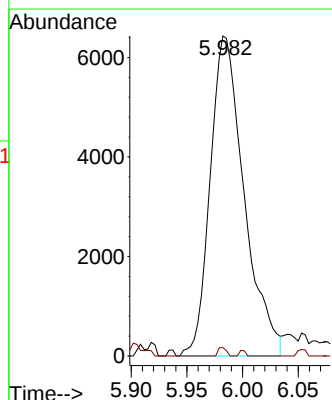
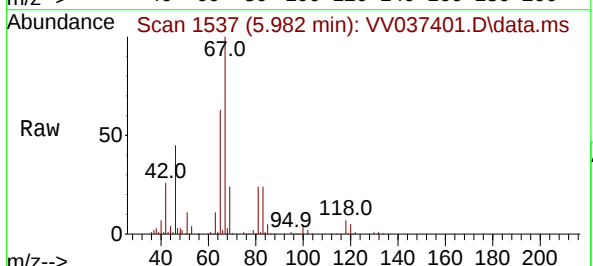
RT: 5.982 min Scan# 1537

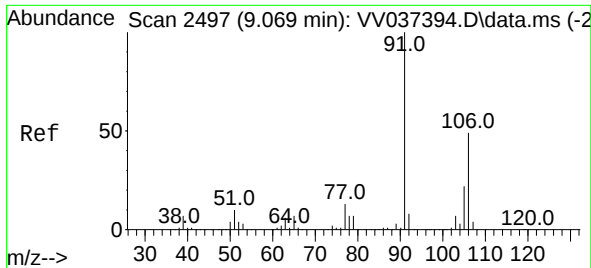
Delta R.T. -0.106 min

Lab File: VV037401.D

Acq: 19 Sep 2024 23:29

Tgt Ion:	63	Resp:	13628
Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.7	5.5#

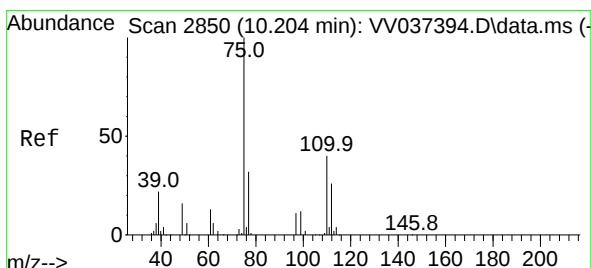
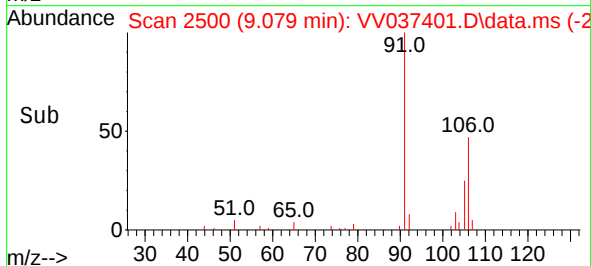
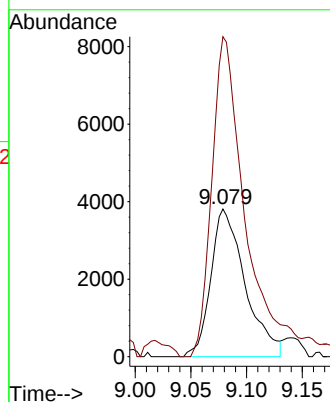
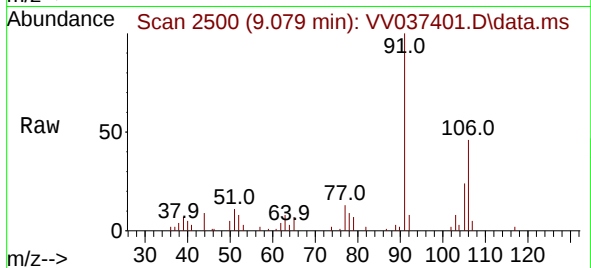




#53
m,p-Xylene
Concen: 0.195 ug/L
RT: 9.079 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VV037401.D
Acq: 19 Sep 2024 23:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 8163
Ion Ratio Lower Upper
106 100
91 216.7 143.3 266.1



#61
1,2,3-Trichloropropane
Concen: 1.373 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.977 min
Lab File: VV037401.D
Acq: 19 Sep 2024 23:29

Tgt Ion: 75 Resp: 19773
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4
110 2.5 31.0 46.4#

