

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037404.D
 Acq On : 20 Sep 2024 00:42
 Operator : SY/MD
 Sample : P3988-14 20X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 04:16:29 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	309633	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	306898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	150904	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	63781	3.511	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.529	69	75925	4.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.047	65	35997	3.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.838	46	309236	56.962	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.920%
24) Chloroform-d	4.240	84	208364	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	4.937	65	102366	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.950	84	387767	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	5.982	67	134091	5.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.239	98	313321	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.558	79	34658	4.117	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.030	63	263307	64.026	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.060%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	112812	5.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	130005	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%

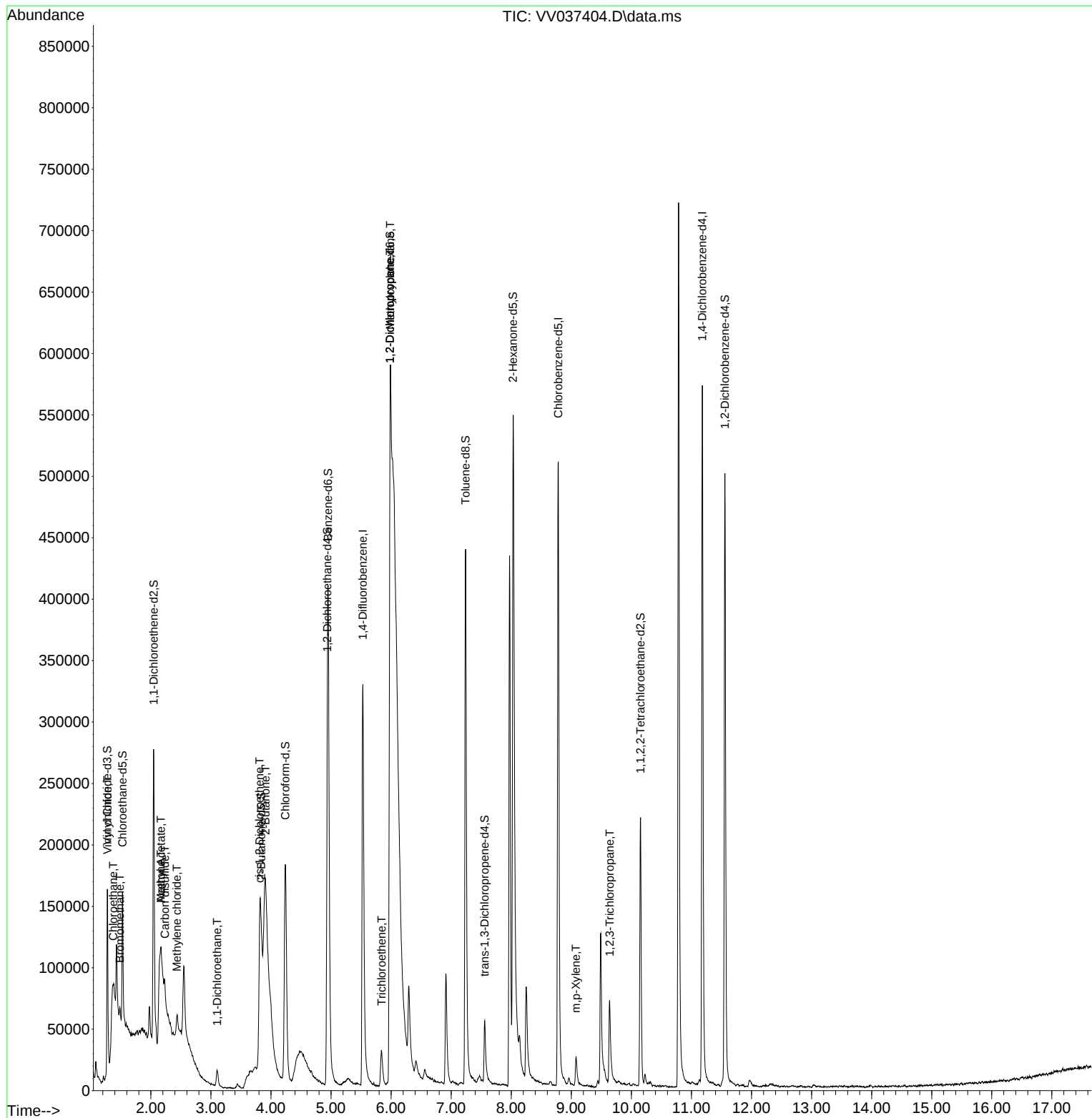
Target Compounds				Qvalue		
5) Vinyl chloride	1.278	62	48237	1.599	ug/L	88
6) Bromomethane	1.484	94	3901	0.216	ug/L	99
8) Chloroethane	1.375	64	252079	13.898	ug/L #	50
13) Acetone	2.166	43	312720	82.730	ug/L	90
14) Carbon disulfide	2.233	76	27600	0.403	ug/L	99
15) Methyl Acetate	2.166	43	312720	36.121	ug/L #	49
16) Methylene chloride	2.433	84	6401	0.257	ug/L	90
19) 1,1-Dichloroethane	3.101	63	13899	0.319	ug/L	98
21) 2-Butanone	3.908	43	484013	84.249	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	37674	1.527	ug/L	100
34) Trichloroethene	5.841	95	11445	0.459	ug/L	86
35) Methylcyclohexane	5.985	83	32342	0.854	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	14905	0.634	ug/L #	87
53) m,p-Xylene	9.079	106	7513	0.190	ug/L	92
61) 1,2,3-Trichloropropane	9.638	75	18163	1.323	ug/L #	40

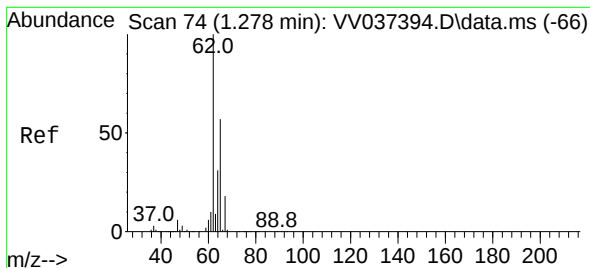
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 1.599 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV037404.D

Acq: 20 Sep 2024 00:42

Instrument :

MSVOA_V

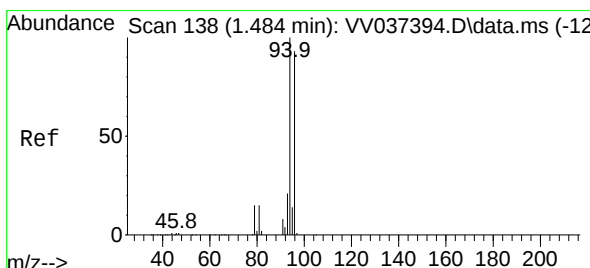
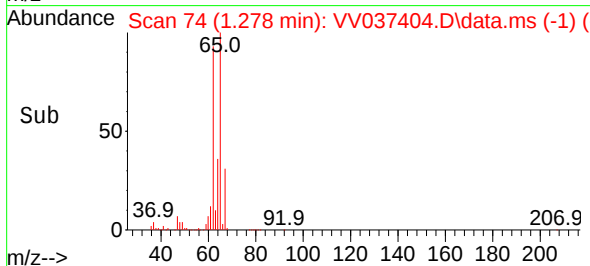
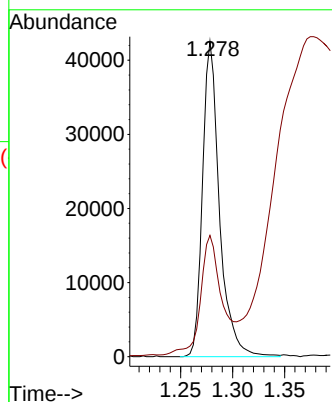
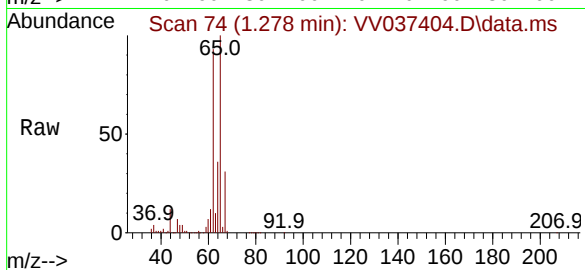
ClientSampleId :

Tgt Ion: 62 Resp: 48237

Ion Ratio Lower Upper

62 100

64 38.5 22.4 41.6



#6

Bromomethane

Concen: 0.216 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV037404.D

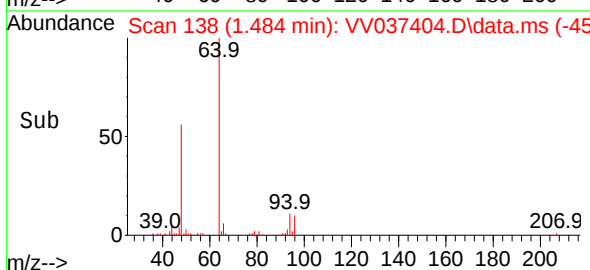
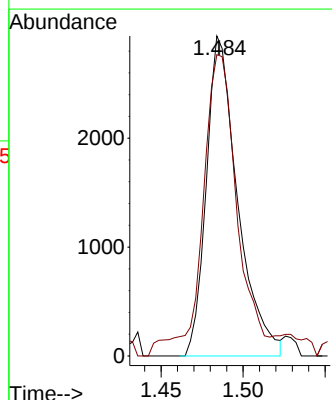
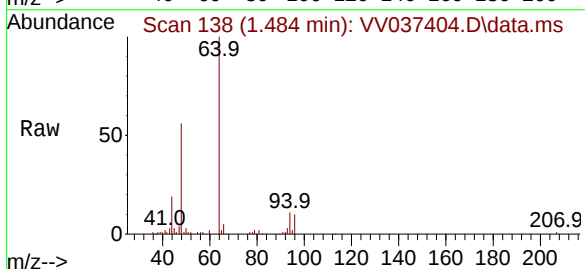
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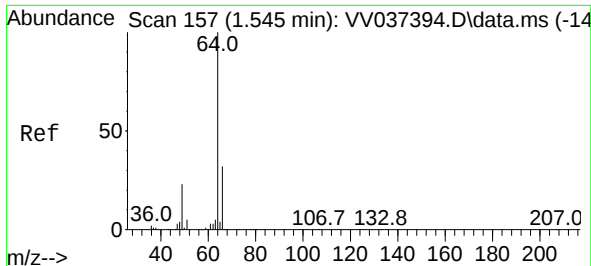
Tgt Ion: 94 Resp: 3901

Ion Ratio Lower Upper

94 100

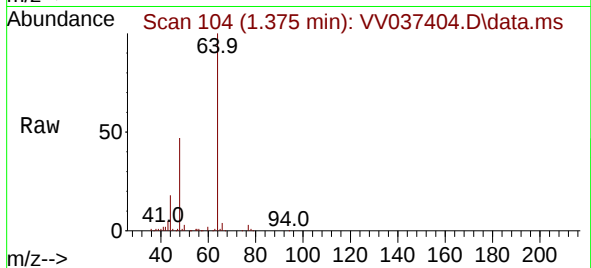
96 94.1 65.3 121.3



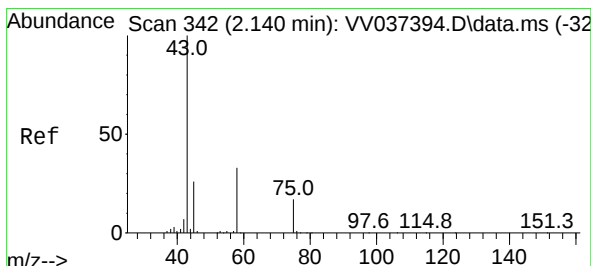
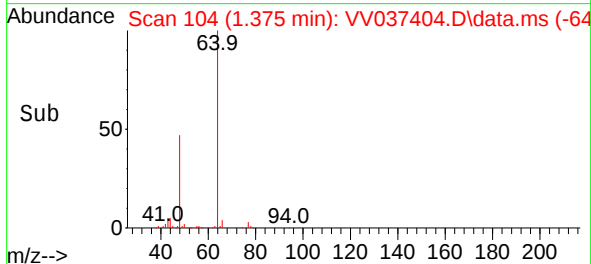
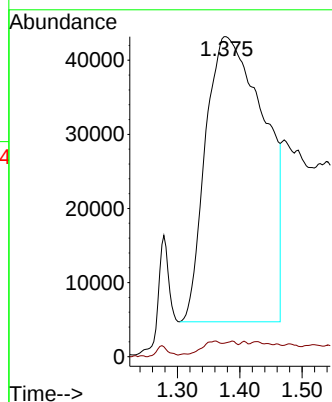


#8
Chloroethane
Concen: 13.898 ug/L
RT: 1.375 min Scan# 11
Delta R.T. -0.170 min
Lab File: VV037404.D
Acq: 20 Sep 2024 00:42

Instrument :
MSVOA_V
ClientSampleId :

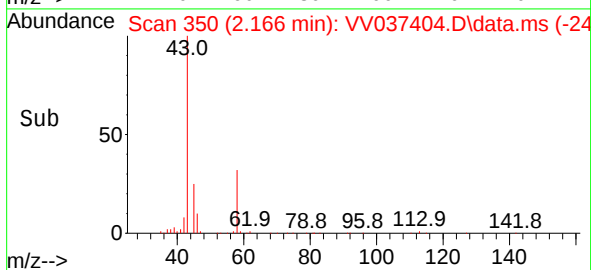
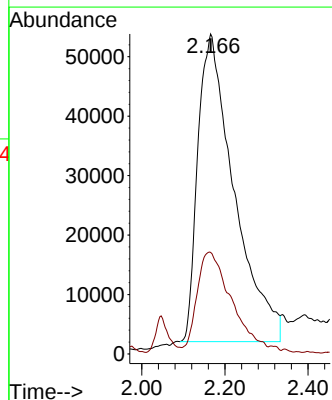
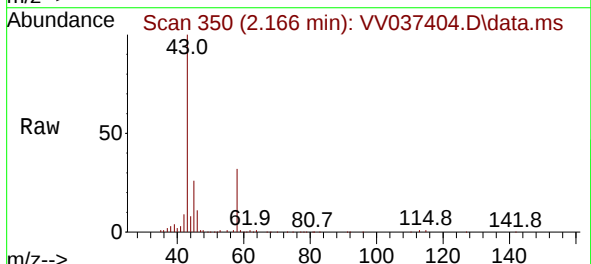


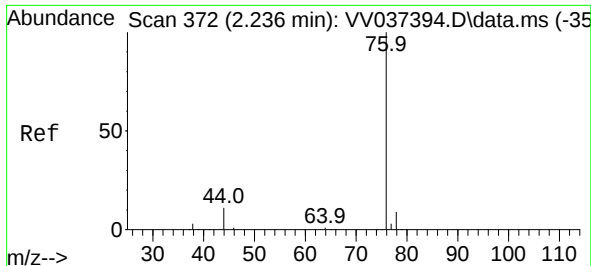
Tgt Ion: 64 Resp: 252079
Ion Ratio Lower Upper
64 100
66 4.2 22.7 42.1#



#13
Acetone
Concen: 82.730 ug/L
RT: 2.166 min Scan# 350
Delta R.T. 0.026 min
Lab File: VV037404.D
Acq: 20 Sep 2024 00:42

Tgt Ion: 43 Resp: 312720
Ion Ratio Lower Upper
43 100
58 28.9 0.0 69.2

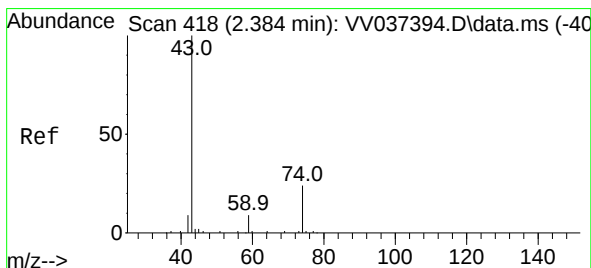
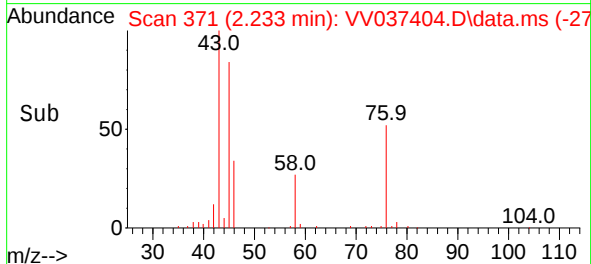
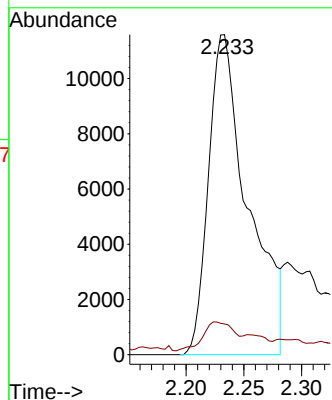
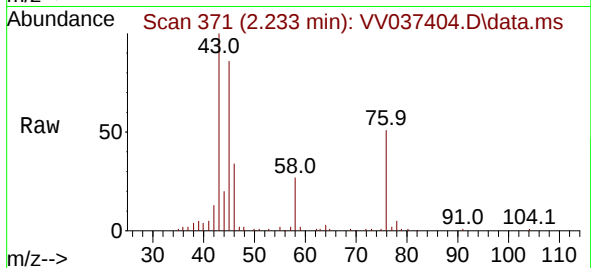




#14
Carbon disulfide
Concen: 0.403 ug/L
RT: 2.233 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV037404.D
Acq: 20 Sep 2024 00:42

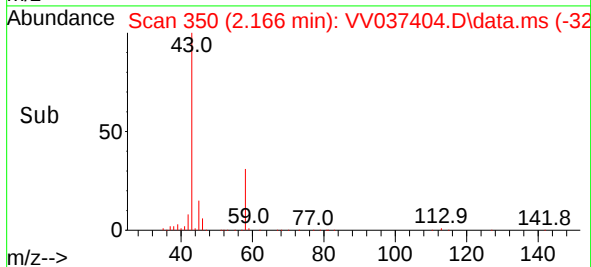
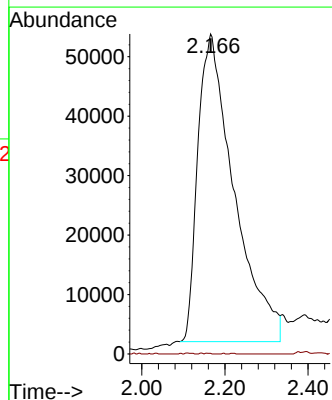
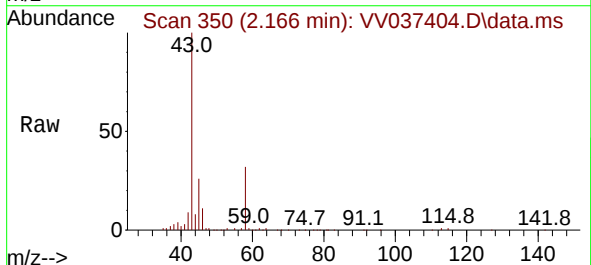
Instrument :
MSVOA_V
ClientSampleId :

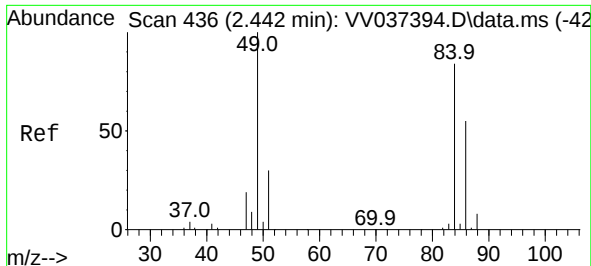
Tgt Ion: 76 Resp: 27600
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#15
Methyl Acetate
Concen: 36.121 ug/L
RT: 2.166 min Scan# 350
Delta R.T. -0.219 min
Lab File: VV037404.D
Acq: 20 Sep 2024 00:42

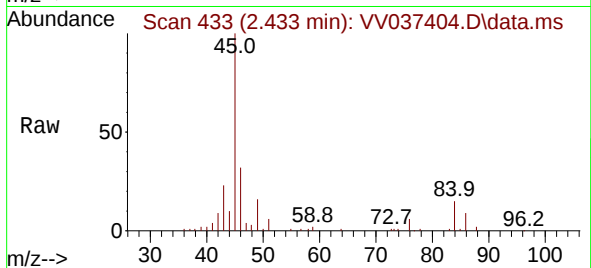
Tgt Ion: 43 Resp: 312720
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



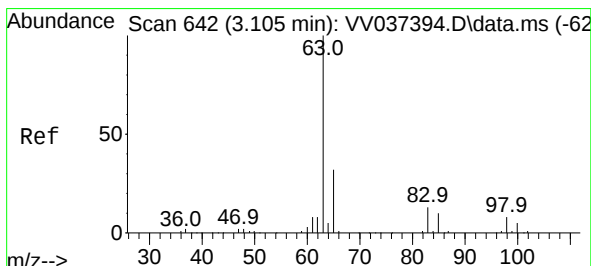
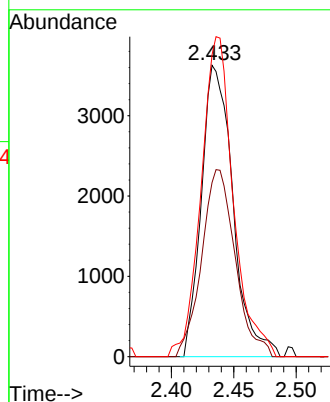
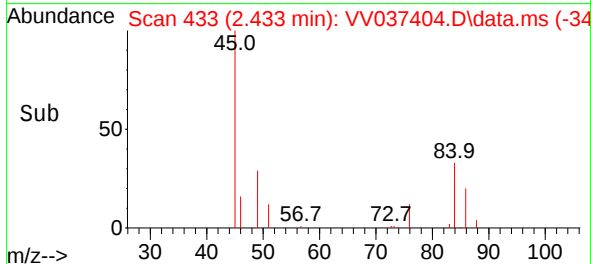


#16
Methylene chloride
Concen: 0.257 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV037404.D
Acq: 20 Sep 2024 00:42

Instrument :
MSVOA_V
ClientSampleId :

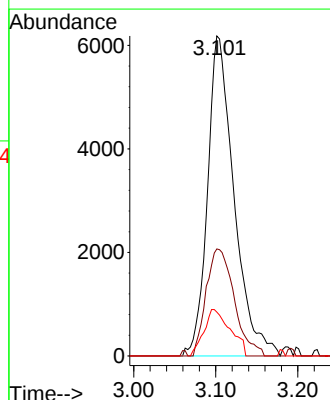
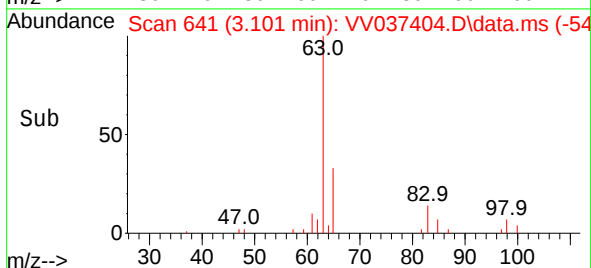
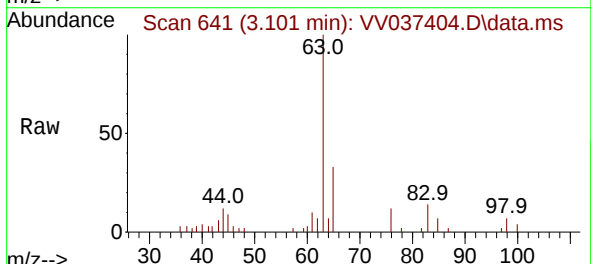


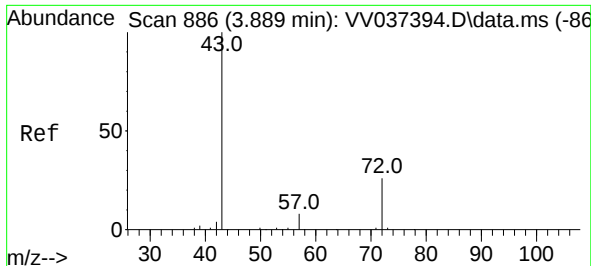
Tgt Ion: 84 Resp: 6401
Ion Ratio Lower Upper
84 100
86 59.8 44.0 81.8
49 103.6 83.0 154.1



#19
1,1-Dichloroethane
Concen: 0.319 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV037404.D
Acq: 20 Sep 2024 00:42

Tgt Ion: 63 Resp: 13899
Ion Ratio Lower Upper
63 100
65 33.5 22.5 41.7
83 13.7 8.9 16.5





#21

2-Butanone

Concen: 84.249 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.019 min

Lab File: VV037404.D

Acq: 20 Sep 2024 00:42

Instrument :

MSVOA_V

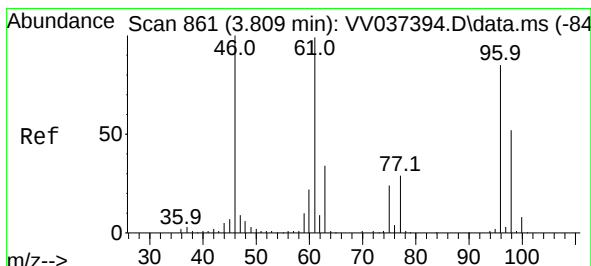
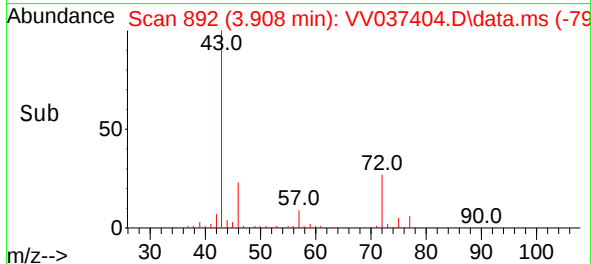
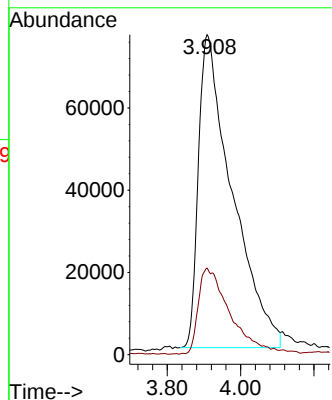
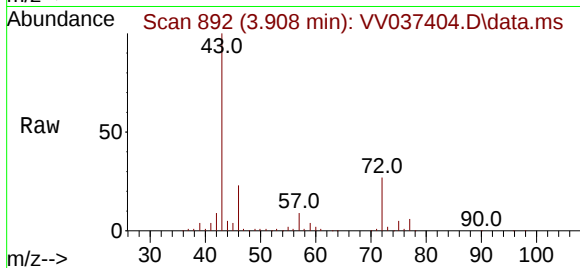
ClientSampleId :

Tgt Ion: 43 Resp: 484013

Ion Ratio Lower Upper

43 100

72 25.0 12.2 36.6



#22

cis-1,2-Dichloroethene

Concen: 1.527 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.000 min

Lab File: VV037404.D

Acq: 20 Sep 2024 00:42

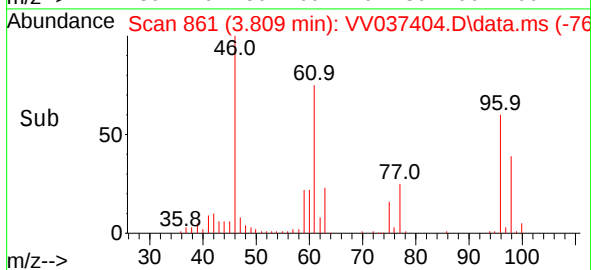
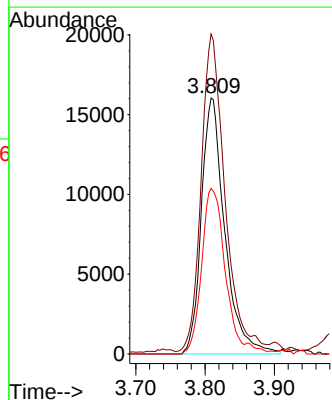
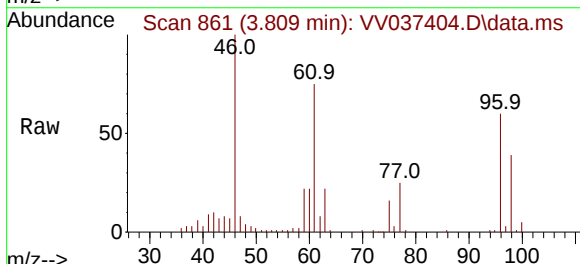
Tgt Ion: 96 Resp: 37674

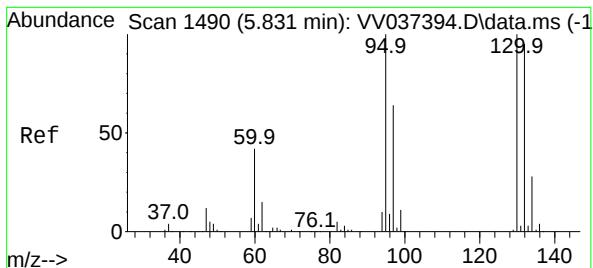
Ion Ratio Lower Upper

96 100

61 125.0 87.6 162.6

98 64.6 44.9 83.5





#34

Trichloroethene

Concen: 0.459 ug/L

RT: 5.841 min Scan# 1490

Delta R.T. 0.010 min

Lab File: VV037404.D

Acq: 20 Sep 2024 00:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 11445

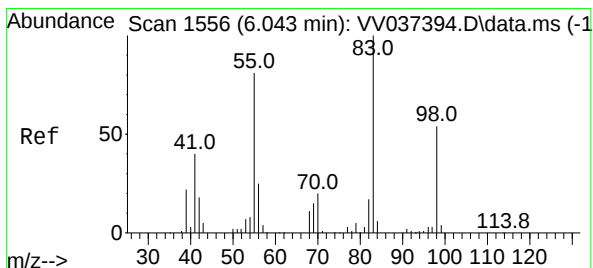
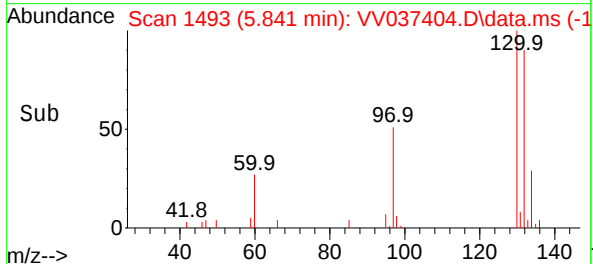
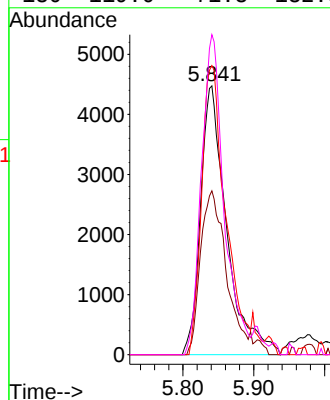
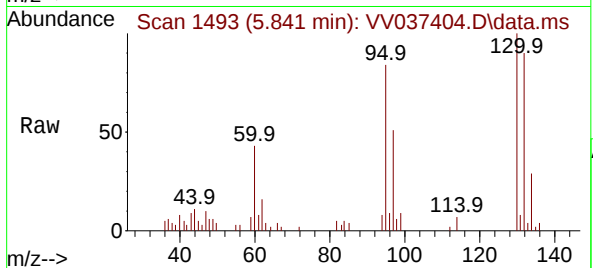
Ion Ratio Lower Upper

95 100

97 61.0 46.5 86.5

132 107.6 65.5 121.7

130 119.0 71.3 132.3



#35

Methylcyclohexane

Concen: 0.854 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV037404.D

Acq: 20 Sep 2024 00:42

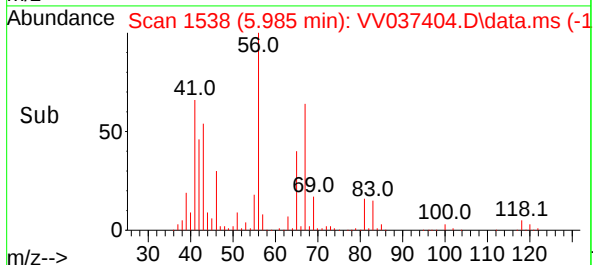
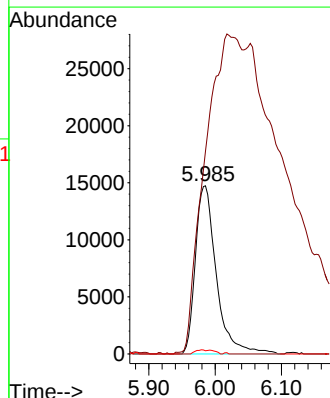
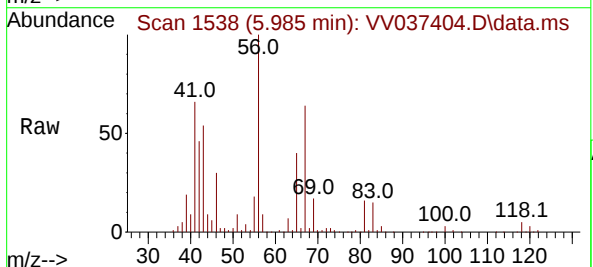
Tgt Ion: 83 Resp: 32342

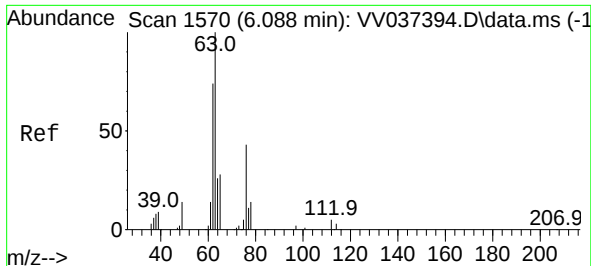
Ion Ratio Lower Upper

83 100

55 0.0 60.3 90.5#

98 1.2 38.2 57.4#

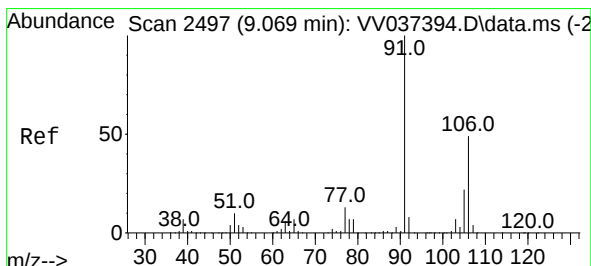
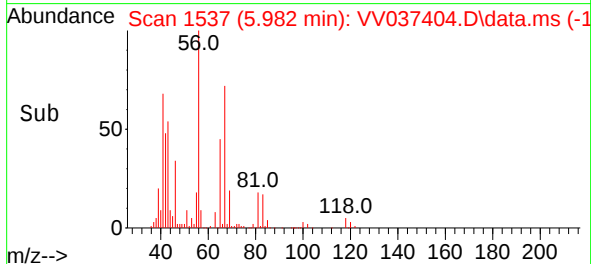
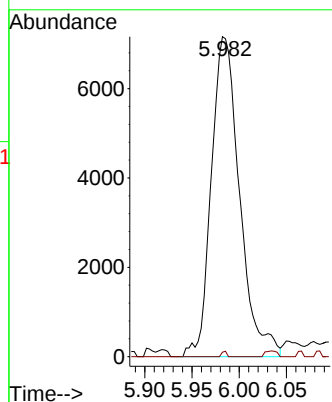
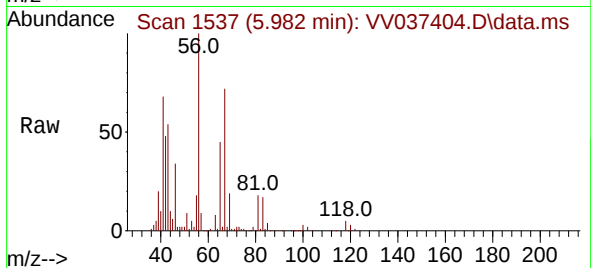




#37
1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 5.982 min Scan# 14905
Delta R.T. -0.106 min
Lab File: VV037404.D
Acq: 20 Sep 2024 00:42

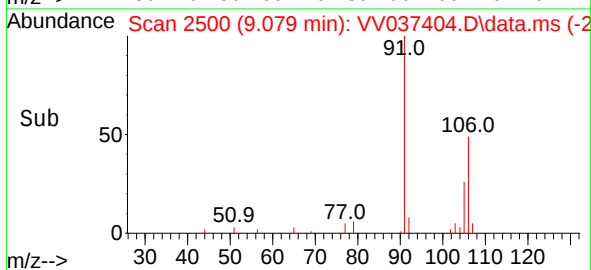
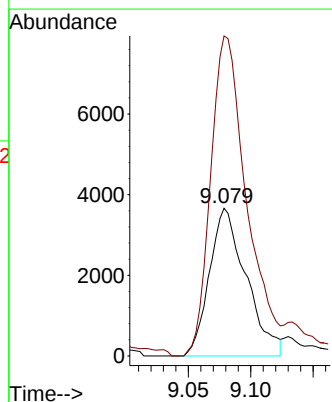
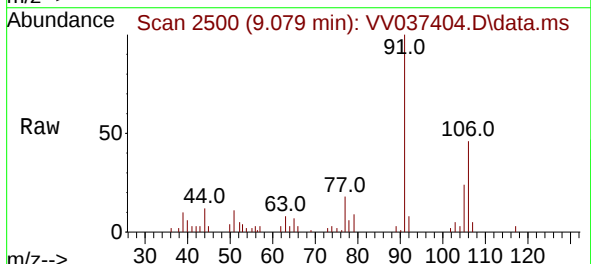
Instrument :
MSVOA_V
ClientSampleId :

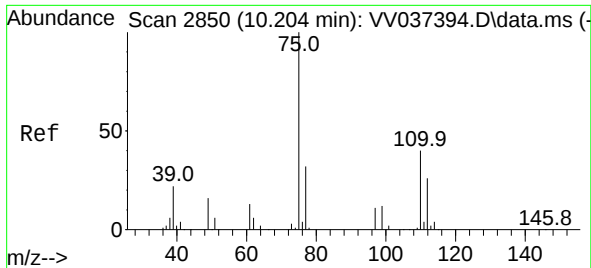
Tgt Ion: 63 Resp: 14905
Ion Ratio Lower Upper
63 100
112 0.3 3.7 5.5#



#53
m,p-Xylene
Concen: 0.190 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.010 min
Lab File: VV037404.D
Acq: 20 Sep 2024 00:42

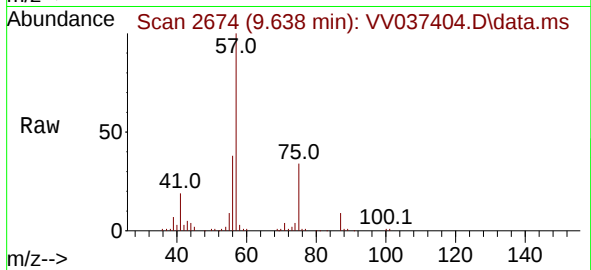
Tgt Ion:106 Resp: 7513
Ion Ratio Lower Upper
106 100
91 216.6 143.3 266.1





#61
 1,2,3-Trichloropropane
 Concen: 1.323 ug/L
 RT: 9.638 min Scan# 20
 Delta R.T. -0.566 min
 Lab File: VV037404.D
 Acq: 20 Sep 2024 00:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.9	25.6	38.4#
110	0.0	31.0	46.4#

