

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034301.D
 Acq On : 21 Feb 2024 04:19
 Operator : SY/MD
 Sample : P1511-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 04:52:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

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

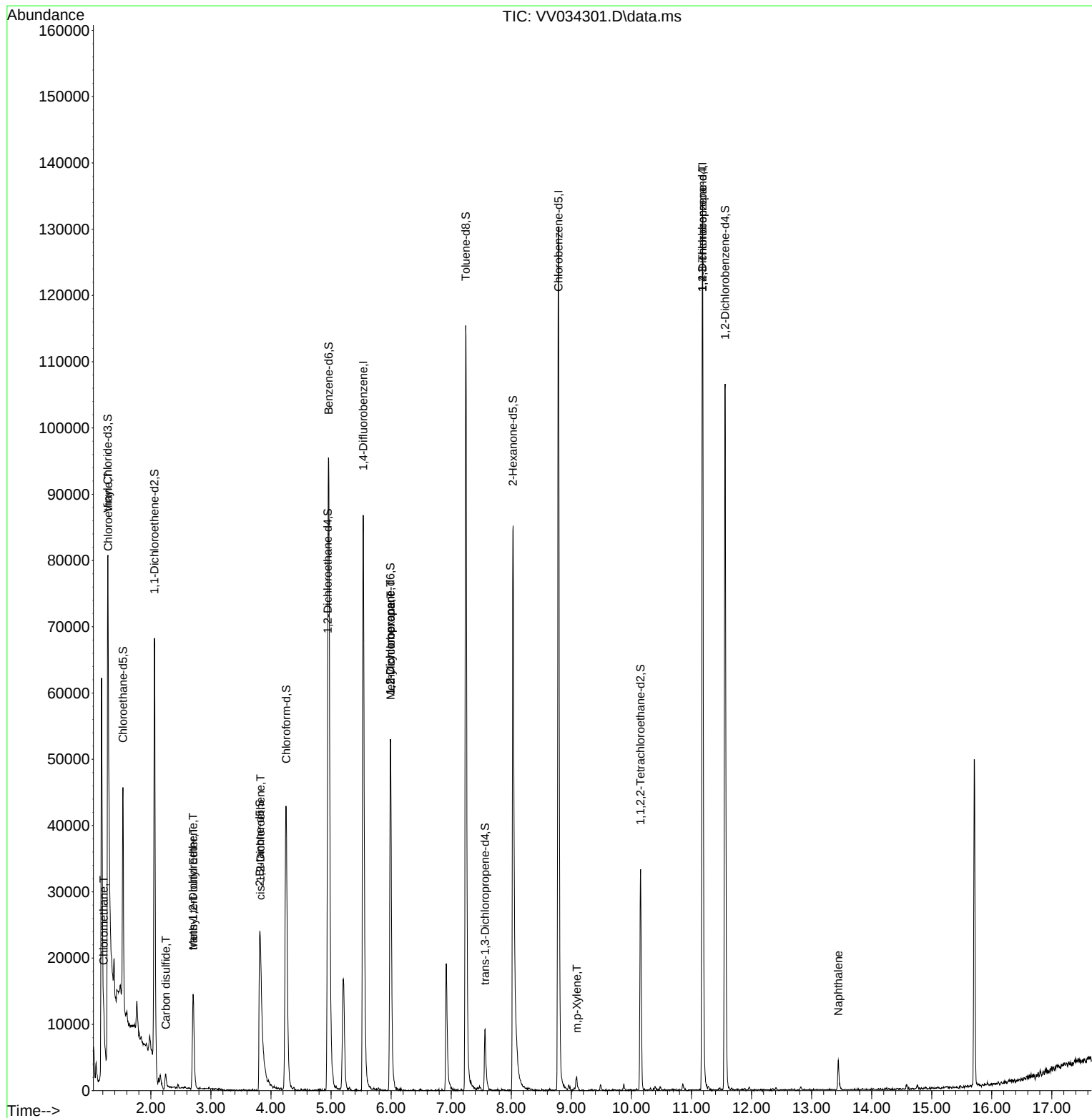
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	77934	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	21327	3.533	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.536	69	19491	3.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.060	65	10972	3.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	3.815	46	41354	40.795	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.600%
24) Chloroform-d	4.253	84	46558	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	4.944	65	22736	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	4.960	84	86708	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.989	67	24796	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.243	98	79528	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.564	79	6188	2.792	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.800%
46) 2-Hexanone-d5	8.027	63	31041	39.227	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.460%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15604	4.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	27446	4.460	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2139	0.275	ug/L	99
8) Chloroethane	1.288	64	104007	20.480	ug/L #	53
14) Carbon disulfide	2.249	76	3669	0.208	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	12429	1.111	ug/L	96
18) trans-1,2-Dichloroethene	2.703	96	1007	0.182	ug/L	91
22) cis-1,2-Dichloroethene	3.825	96	3316	0.527	ug/L	95
35) Methylcyclohexane	5.992	83	6393	0.670	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3166	0.623	ug/L #	87
53) m,p-Xylene	9.092	106	786	0.081	ug/L	74
61) 1,2,3-Trichloropropane	11.185	75	3894	1.674	ug/L #	60
71) Naphthalene	13.445	128	4328	0.501	ug/L #	95

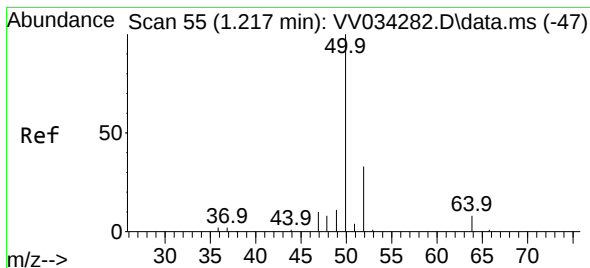
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.275 ug/L

RT: 1.217 min Scan# 50

Delta R.T. 0.000 min

Lab File: VV034301.D

Acq: 21 Feb 2024 04:19

Instrument :

MSVOA_V

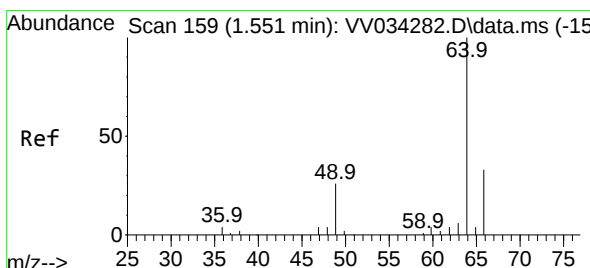
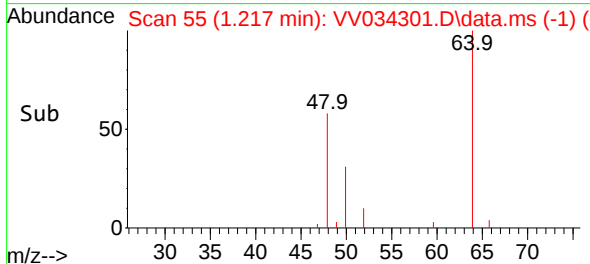
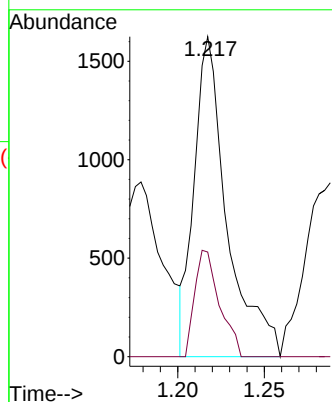
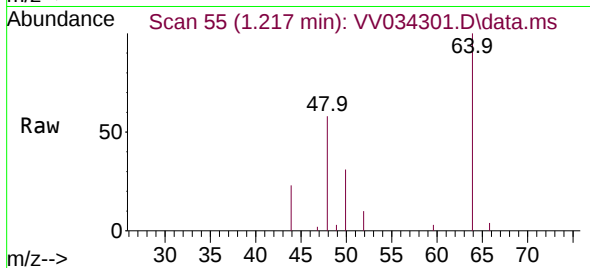
ClientSampleId :

Tgt Ion: 50 Resp: 2139

Ion Ratio Lower Upper

50 100

52 32.7 23.4 43.4



#8

Chloroethane

Concen: 20.480 ug/L

RT: 1.288 min Scan# 77

Delta R.T. -0.263 min

Lab File: VV034301.D

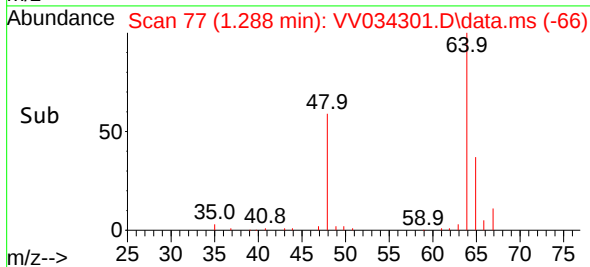
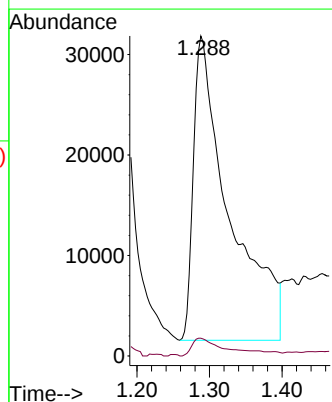
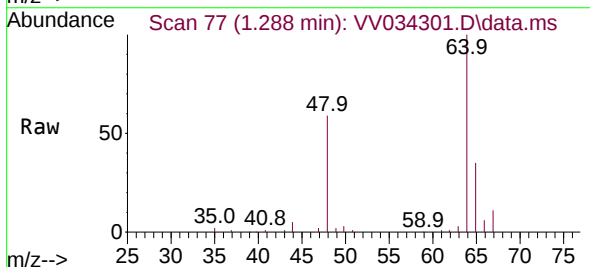
Acq: 21 Feb 2024 04:19

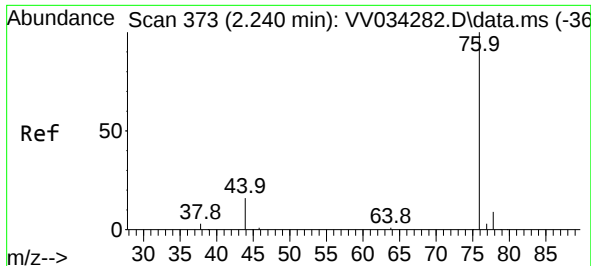
Tgt Ion: 64 Resp: 104007

Ion Ratio Lower Upper

64 100

66 5.5 22.0 41.0#

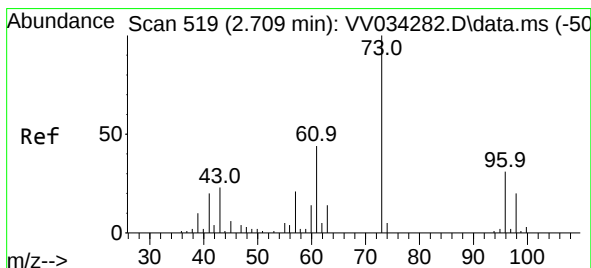
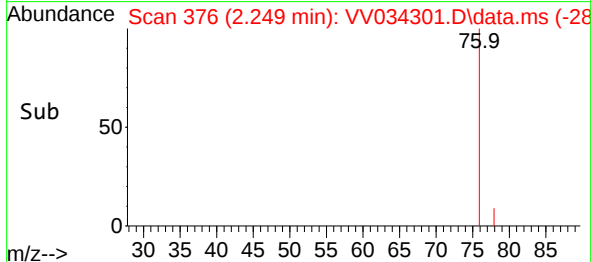
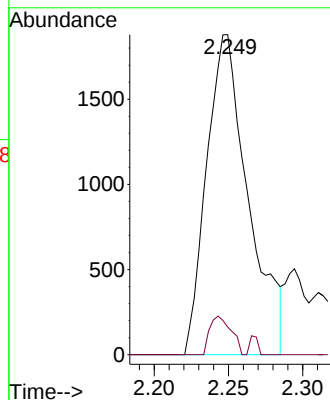
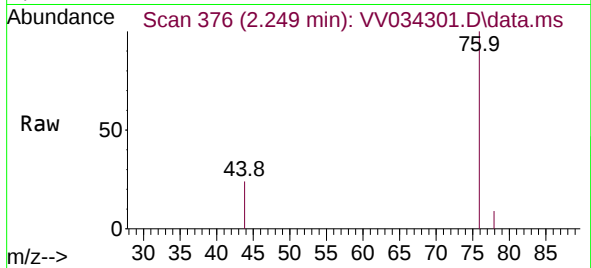




#14
Carbon disulfide
Concen: 0.208 ug/L
RT: 2.249 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV034301.D
Acq: 21 Feb 2024 04:19

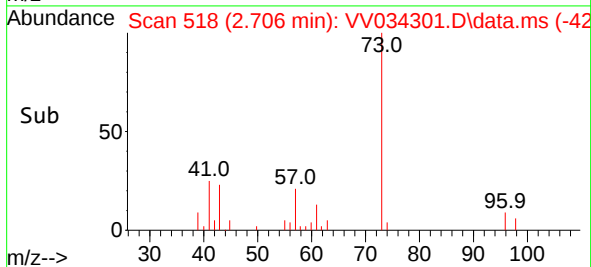
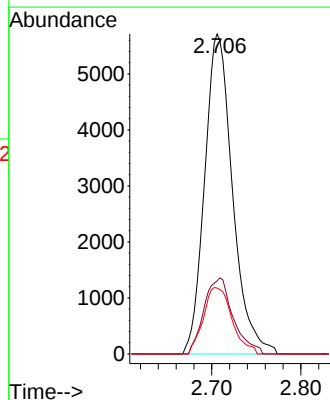
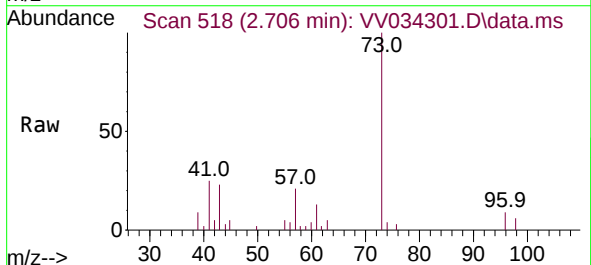
Instrument :
MSVOA_V
ClientSampleId :

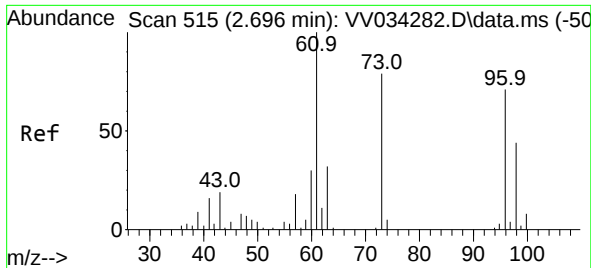
Tgt Ion: 76 Resp: 3669
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#17
Methyl tert-butyl Ether
Concen: 1.111 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV034301.D
Acq: 21 Feb 2024 04:19

Tgt Ion: 73 Resp: 12429
Ion Ratio Lower Upper
73 100
43 24.8 17.7 26.5
57 21.3 17.9 26.9





#18

trans-1,2-Dichloroethene

Concen: 0.182 ug/L

RT: 2.703 min Scan# 515

Delta R.T. 0.007 min

Lab File: VV034301.D

Acq: 21 Feb 2024 04:19

Instrument :

MSVOA_V

ClientSampleId :

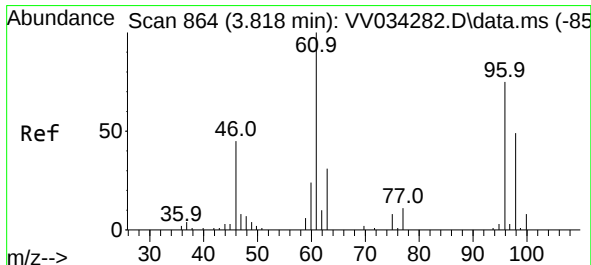
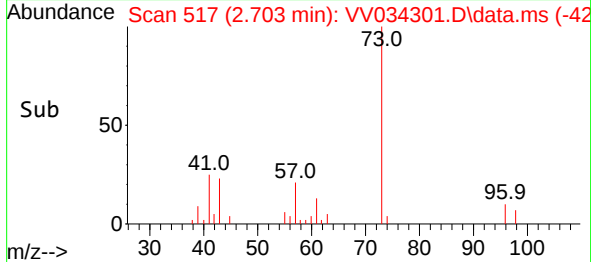
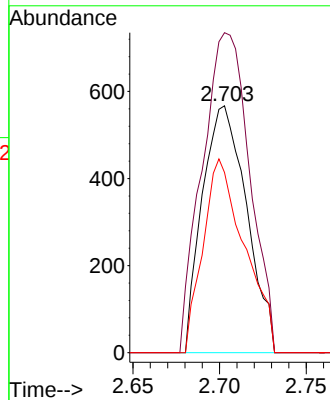
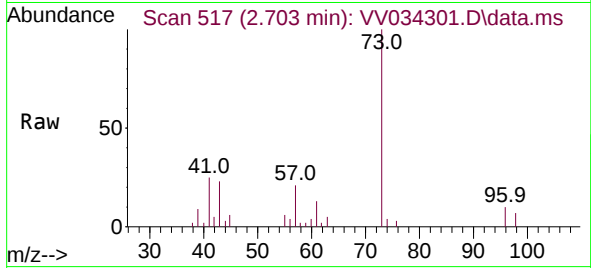
Tgt Ion: 96 Resp: 1007

Ion Ratio Lower Upper

96 100

61 129.6 97.6 181.4

98 73.0 44.4 82.5



#22

cis-1,2-Dichloroethene

Concen: 0.527 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.007 min

Lab File: VV034301.D

Acq: 21 Feb 2024 04:19

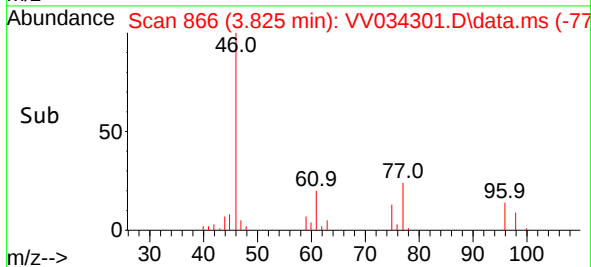
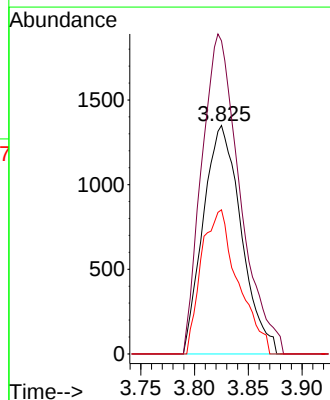
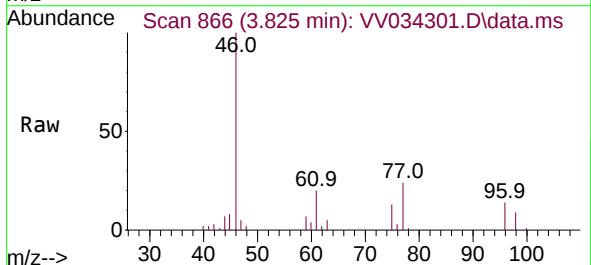
Tgt Ion: 96 Resp: 3316

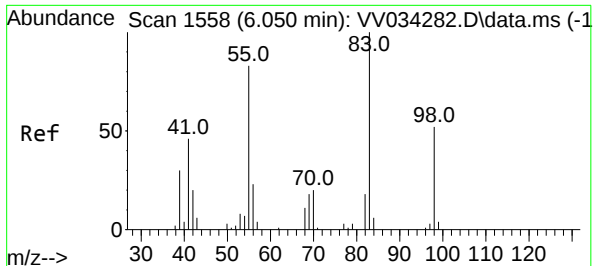
Ion Ratio Lower Upper

96 100

61 137.1 90.3 167.7

98 63.1 43.2 80.2

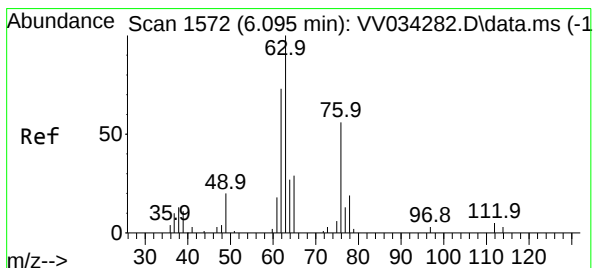
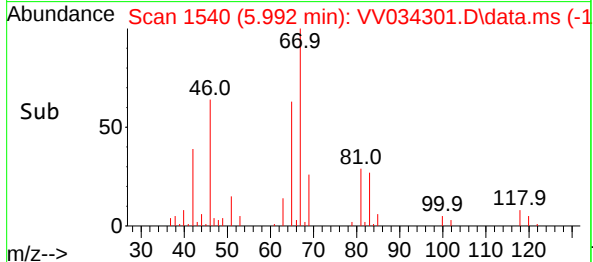
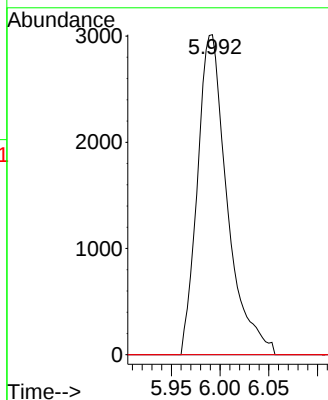
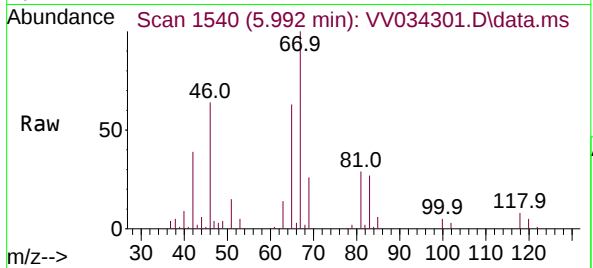




#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV034301.D
Acq: 21 Feb 2024 04:19

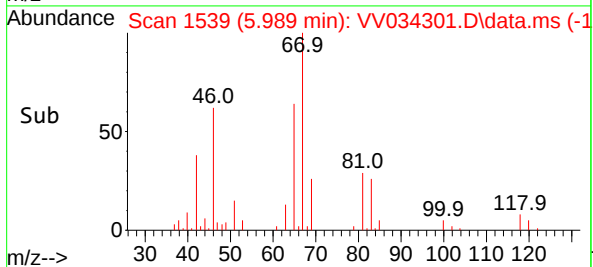
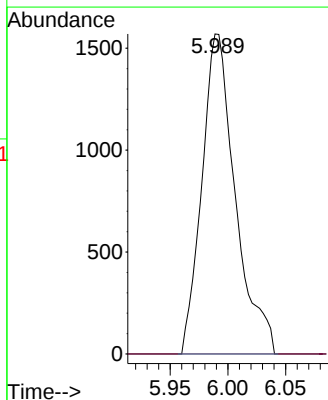
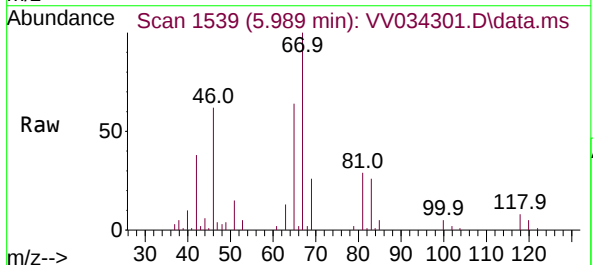
Instrument :
MSVOA_V
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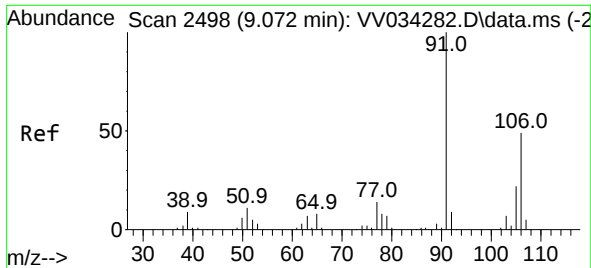
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	0.0	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.106 min
Lab File: VV034301.D
Acq: 21 Feb 2024 04:19

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

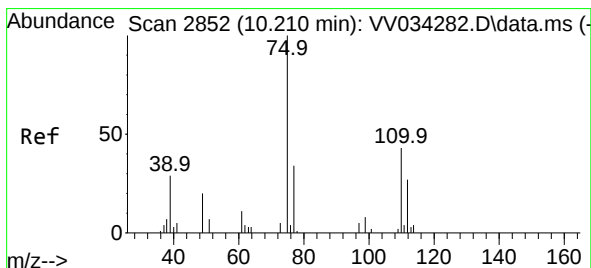
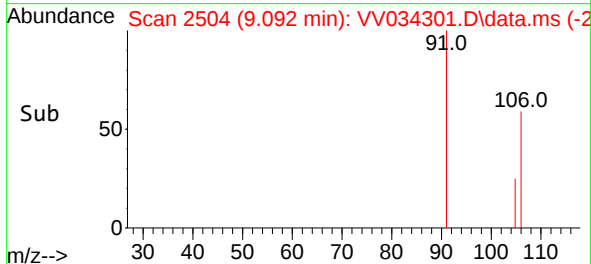
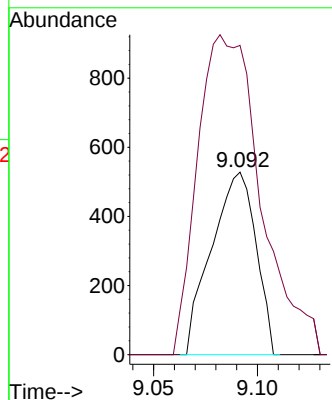
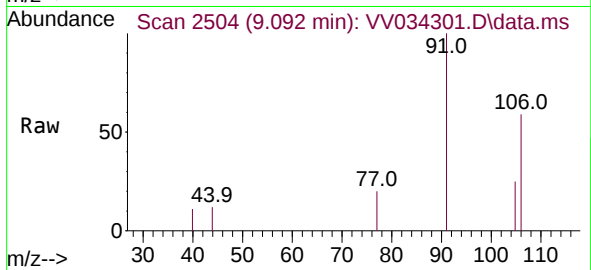




#53
 m,p-Xylene
 Concen: 0.081 ug/L
 RT: 9.092 min Scan# 21
 Delta R.T. 0.020 min
 Lab File: VV034301.D
 Acq: 21 Feb 2024 04:19

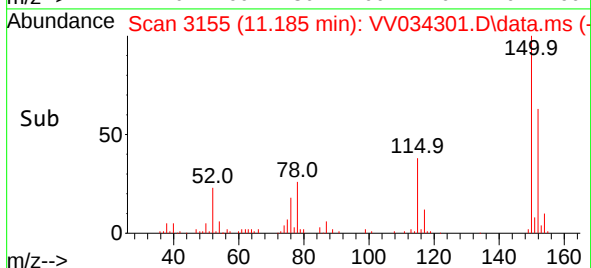
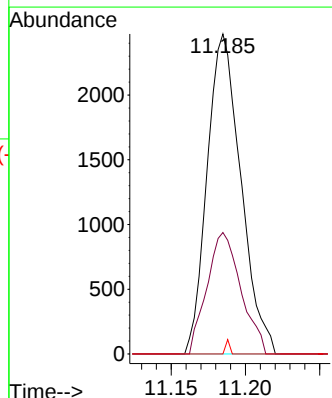
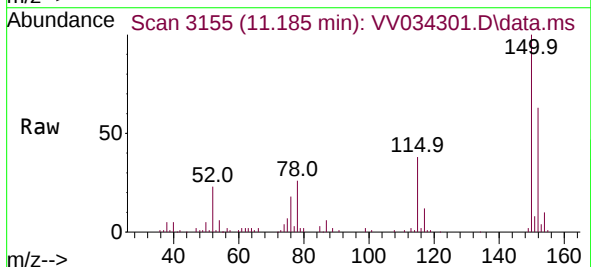
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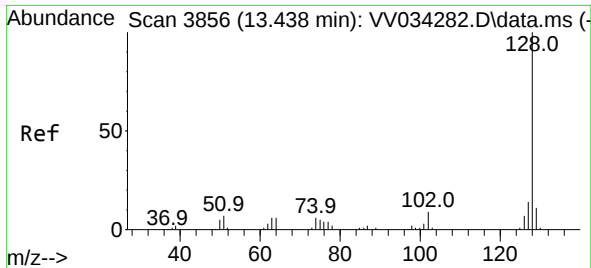
Tgt Ion:106 Resp: 786
 Ion Ratio Lower Upper
 106 100
 91 169.5 147.5 273.9



#61
 1,2,3-Trichloropropane
 Concen: 1.674 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.974 min
 Lab File: VV034301.D
 Acq: 21 Feb 2024 04:19

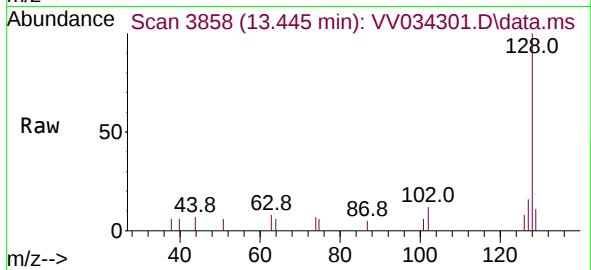
Tgt Ion: 75 Resp: 3894
 Ion Ratio Lower Upper
 75 100
 77 38.3 26.9 40.3
 110 0.5 33.3 49.9#





#71
Naphthalene
Concen: 0.501 ug/L
RT: 13.445 min Scan# 3856
Delta R.T. 0.007 min
Lab File: VV034301.D
Acq: 21 Feb 2024 04:19

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 4328
Ion Ratio Lower Upper
128 100
129 8.0 8.5 12.7#
127 11.5 10.4 15.6

