

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034336.D
 Acq On : 22 Feb 2024 10:47
 Operator : SY/MD
 Sample : P1511-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:15:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

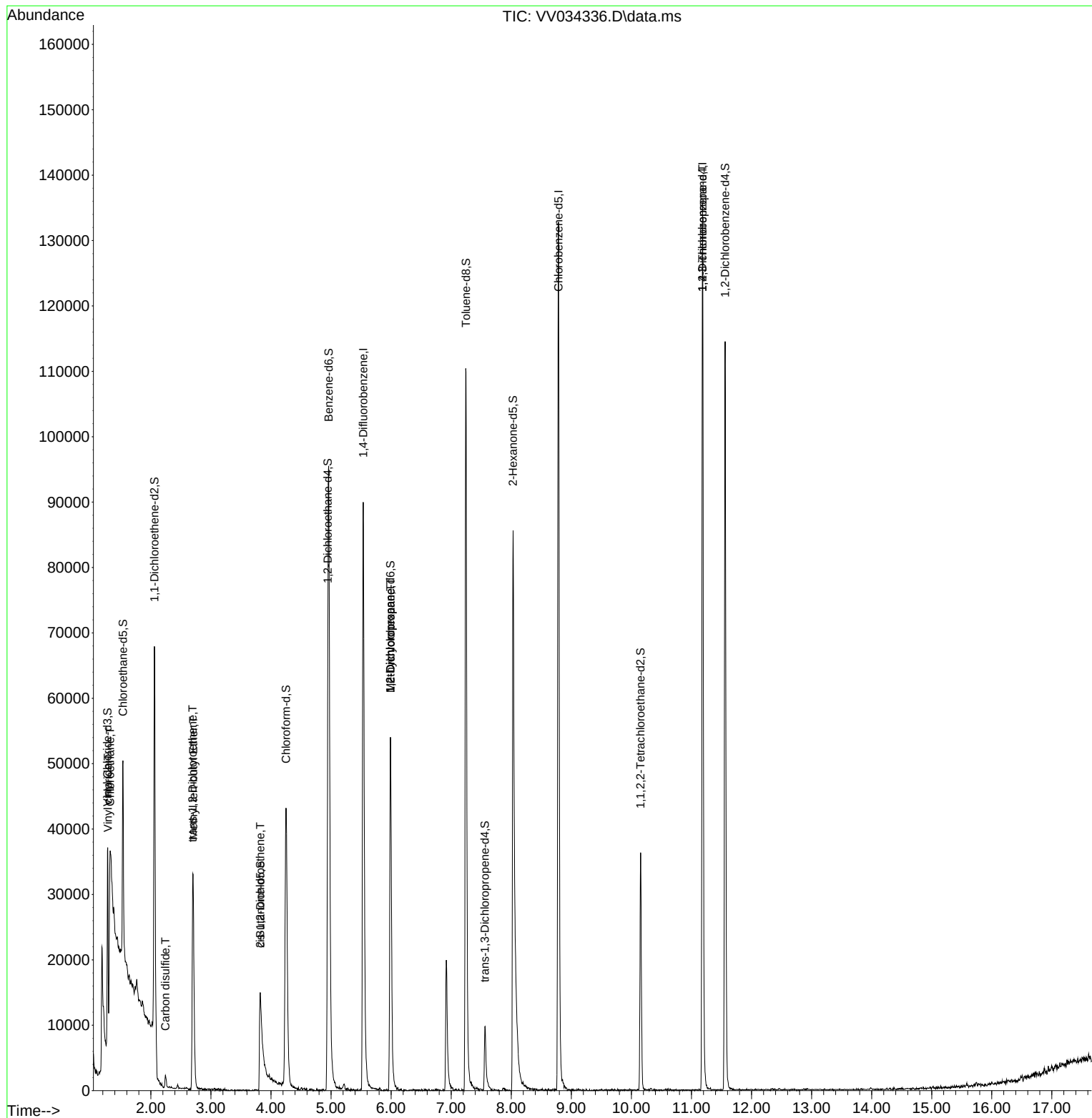
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	79116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35043	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19364	3.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.536	69	18709	3.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.060	65	10247	3.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.822	46	33129	32.193	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.380%
24) Chloroform-d	4.249	84	47581	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.947	65	24596	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	4.960	84	83894	3.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	5.989	67	24411	4.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.246	98	76367	3.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.561	79	6648	2.899	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.000%
46) 2-Hexanone-d5	8.030	63	34903	42.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.260%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16785	4.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	28569	4.483	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	2519	0.333	ug/L #	1
8) Chloroethane	1.323	64	102720	19.925	ug/L #	52
14) Carbon disulfide	2.243	76	2434	0.136	ug/L #	86
17) Methyl tert-butyl Ether	2.706	73	18732	1.650	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	6334	1.125	ug/L	90
22) cis-1,2-Dichloroethene	3.822	96	1003	0.157	ug/L	88
35) Methylcyclohexane	5.989	83	6555	0.664	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3173	0.603	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	4146	1.721	ug/L #	62

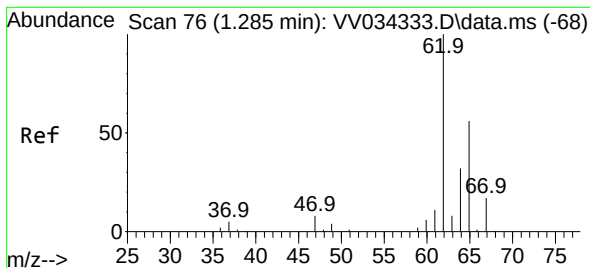
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022224\
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

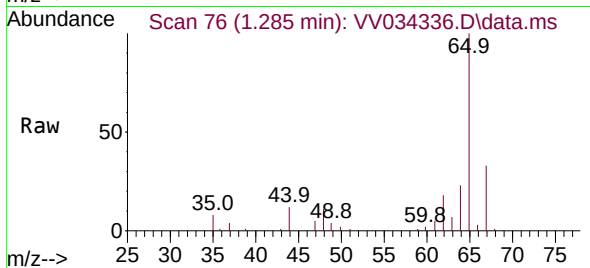
Quant Time: Feb 23 01:15:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
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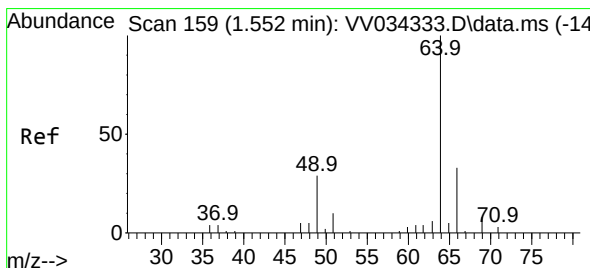
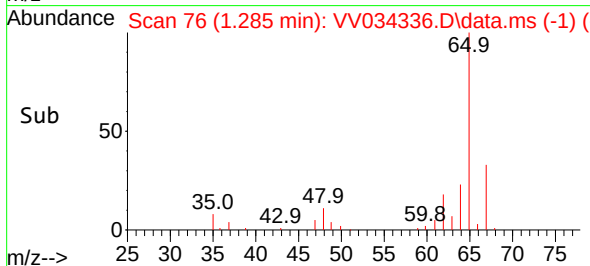
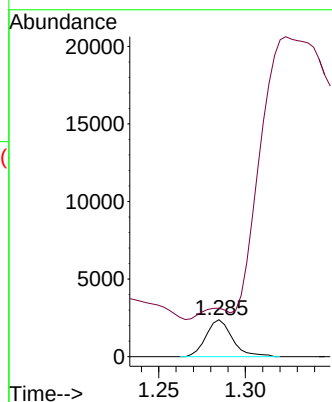


#5
 Vinyl chloride
 Concen: 0.333 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV034336.D
 Acq: 22 Feb 2024 10:47

Instrument :
 MSVOA_V
 ClientSampleId :

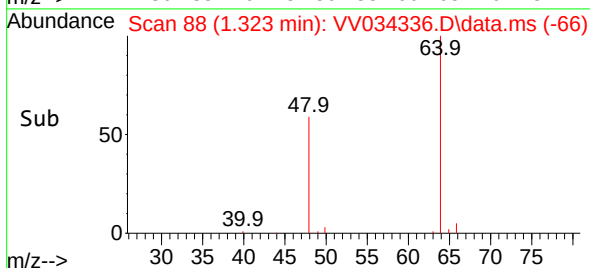
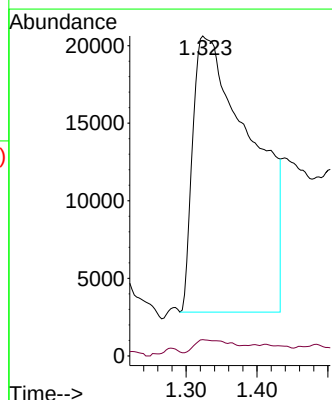
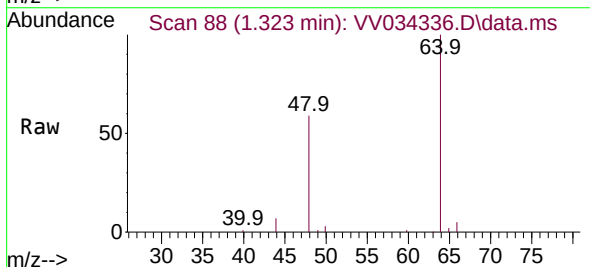


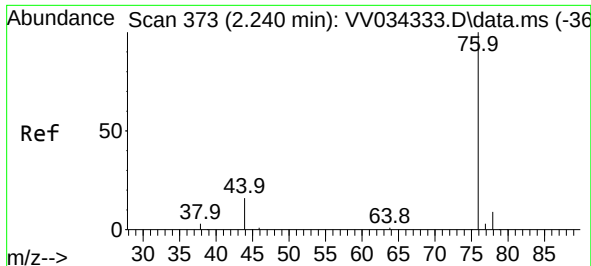
Tgt Ion: 62 Resp: 2519
 Ion Ratio Lower Upper
 62 100
 64 131.3 27.2 50.4#



#8
 Chloroethane
 Concen: 19.925 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.228 min
 Lab File: VV034336.D
 Acq: 22 Feb 2024 10:47

Tgt Ion: 64 Resp: 102720
 Ion Ratio Lower Upper
 64 100
 66 5.1 22.0 41.0#





#14

Carbon disulfide

Concen: 0.136 ug/L

RT: 2.243 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034336.D

Acq: 22 Feb 2024 10:47

Instrument :

MSVOA_V

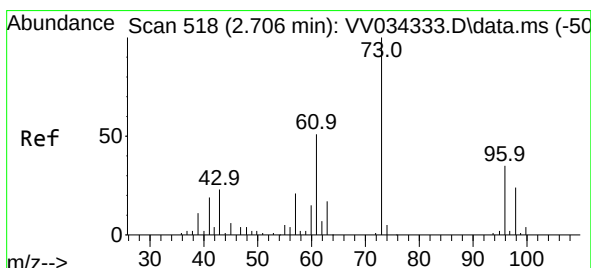
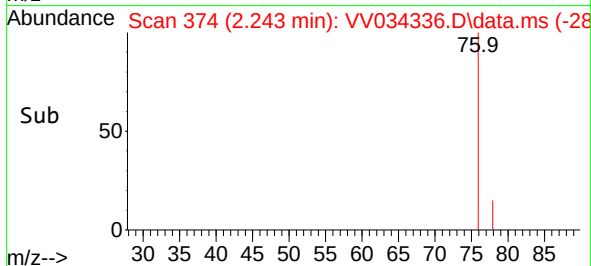
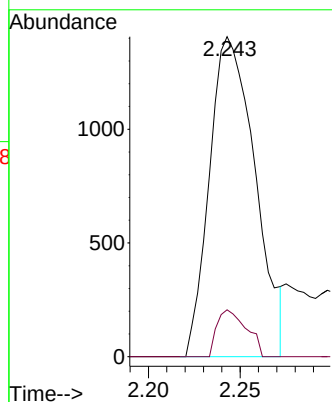
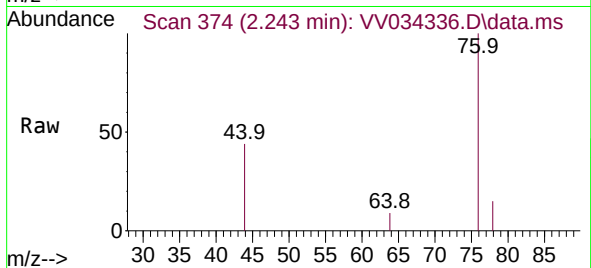
ClientSampleId :

Tgt Ion: 76 Resp: 2434

Ion Ratio Lower Upper

76 100

78 14.6 7.5 11.3#



#17

Methyl tert-butyl Ether

Concen: 1.650 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV034336.D

Acq: 22 Feb 2024 10:47

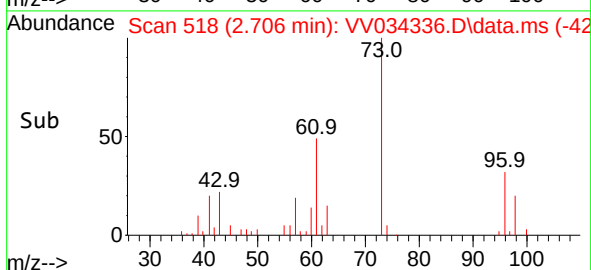
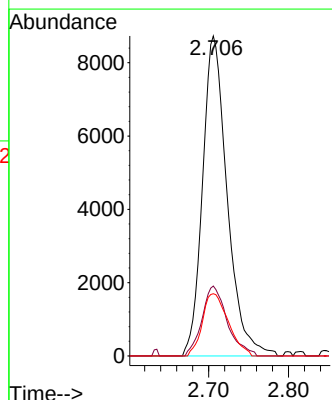
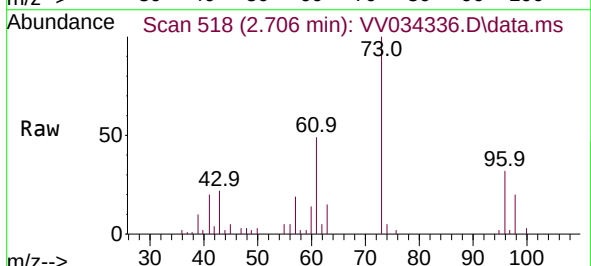
Tgt Ion: 73 Resp: 18732

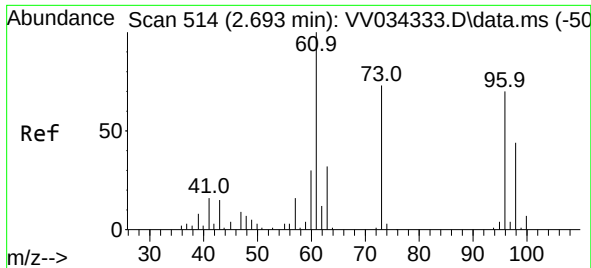
Ion Ratio Lower Upper

73 100

43 22.4 17.7 26.5

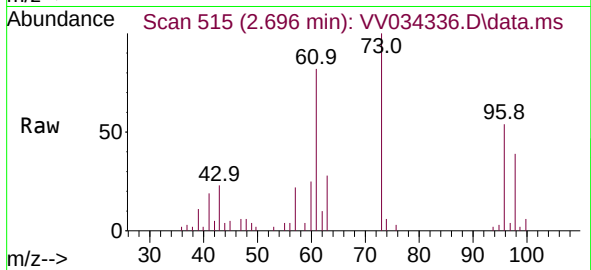
57 20.5 17.9 26.9





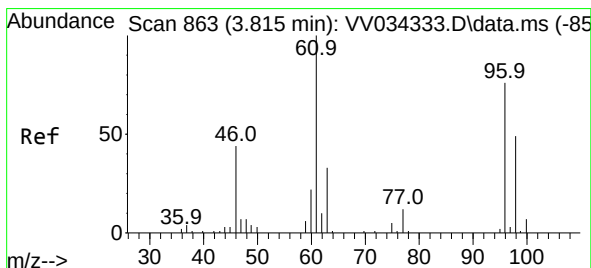
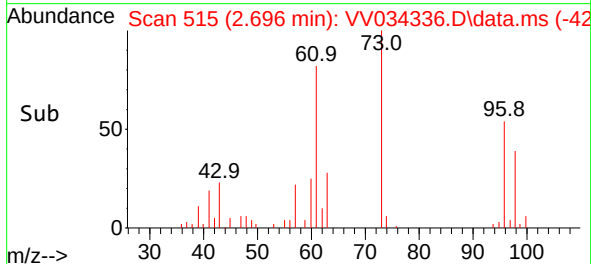
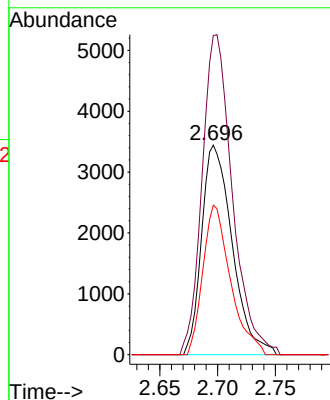
#18
trans-1,2-Dichloroethene
Concen: 1.125 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV034336.D
Acq: 22 Feb 2024 10:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 6334

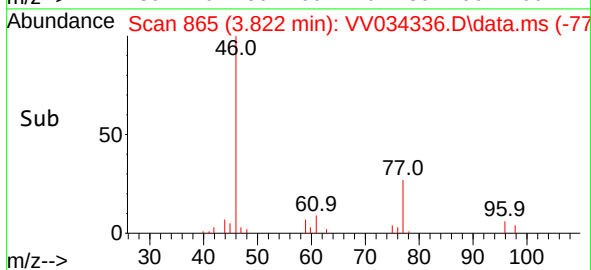
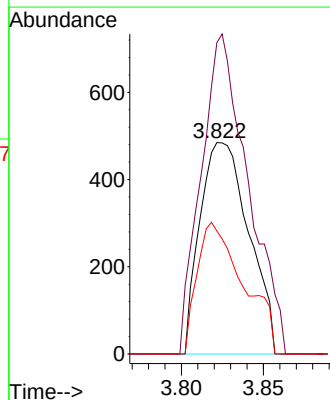
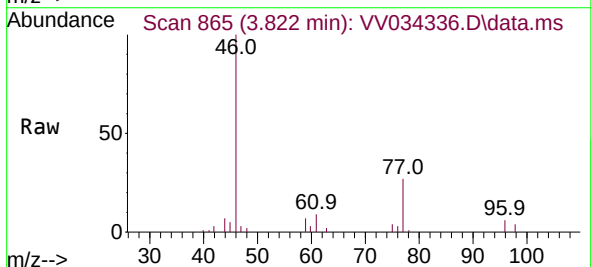
Ion	Ratio	Lower	Upper
96	100		
61	152.4	97.6	181.4
98	71.4	44.4	82.5

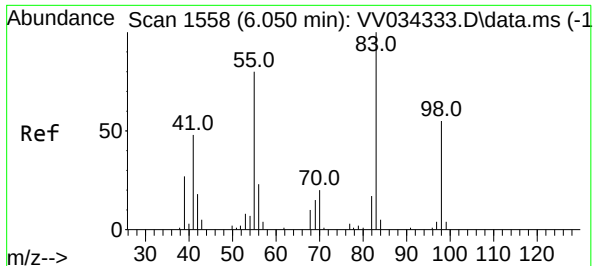


#22
cis-1,2-Dichloroethene
Concen: 0.157 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV034336.D
Acq: 22 Feb 2024 10:47

Tgt Ion: 96 Resp: 1003

Ion	Ratio	Lower	Upper
96	100		
61	147.2	90.3	167.7
98	58.1	43.2	80.2

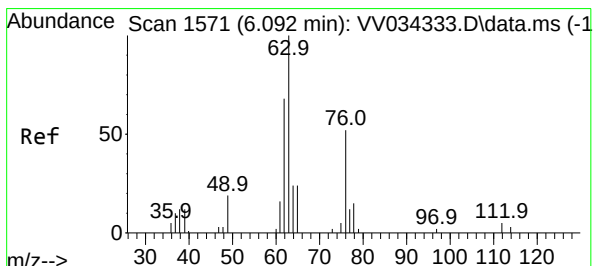
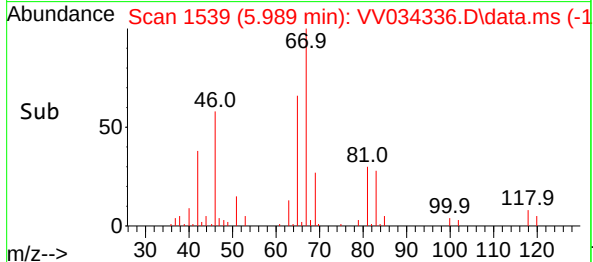
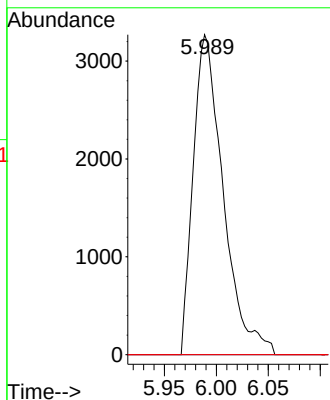
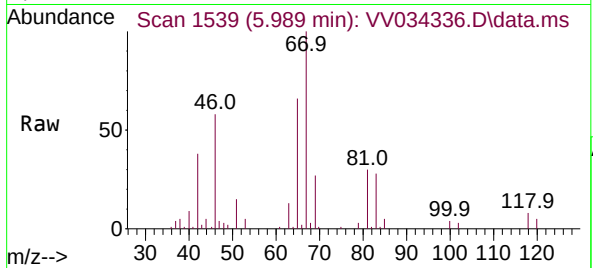




#35
Methylcyclohexane
Concen: 0.664 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034336.D
Acq: 22 Feb 2024 10:47

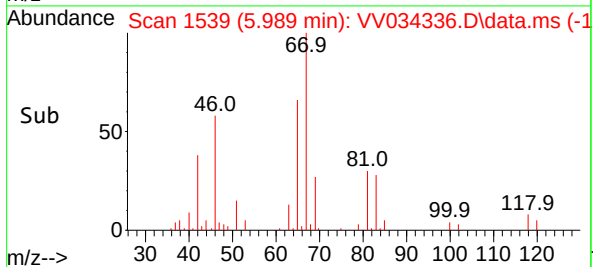
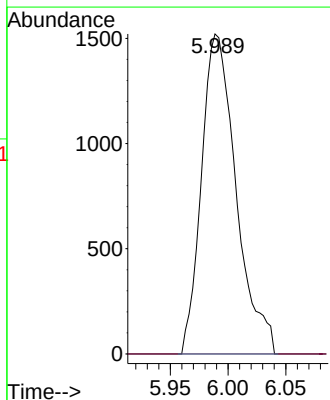
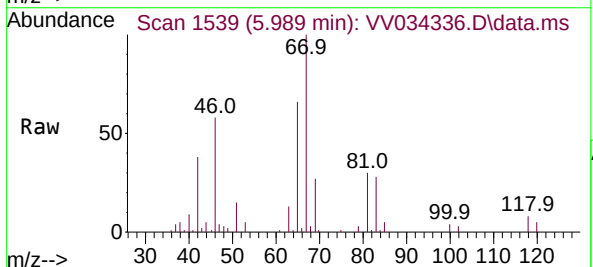
Instrument :
MSVOA_V
ClientSampleId :

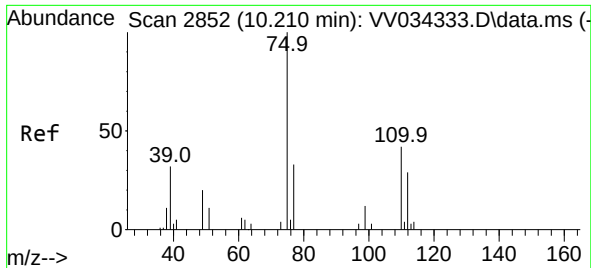
Tgt Ion: 83 Resp: 6555
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV034336.D
Acq: 22 Feb 2024 10:47

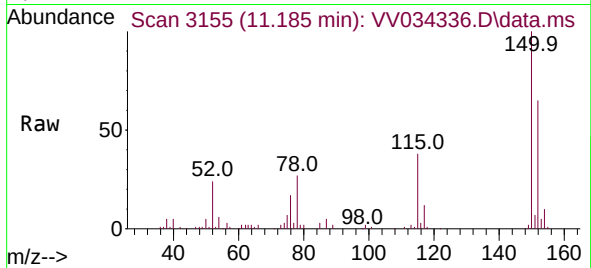
Tgt Ion: 63 Resp: 3173
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.721 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV034336.D
 Acq: 22 Feb 2024 10:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	4146
Ion Ratio	Lower	Upper
75	100	
77	36.7	26.9 40.3
110	1.0	33.3 49.9#

