

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
 Data File : VW034244.D
 Acq On : 19 Feb 2024 15:29
 Operator : SY/MD
 Sample : P1503-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 20 03:29:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 20 01:47:35 2024
 Response via : Initial Calibration

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

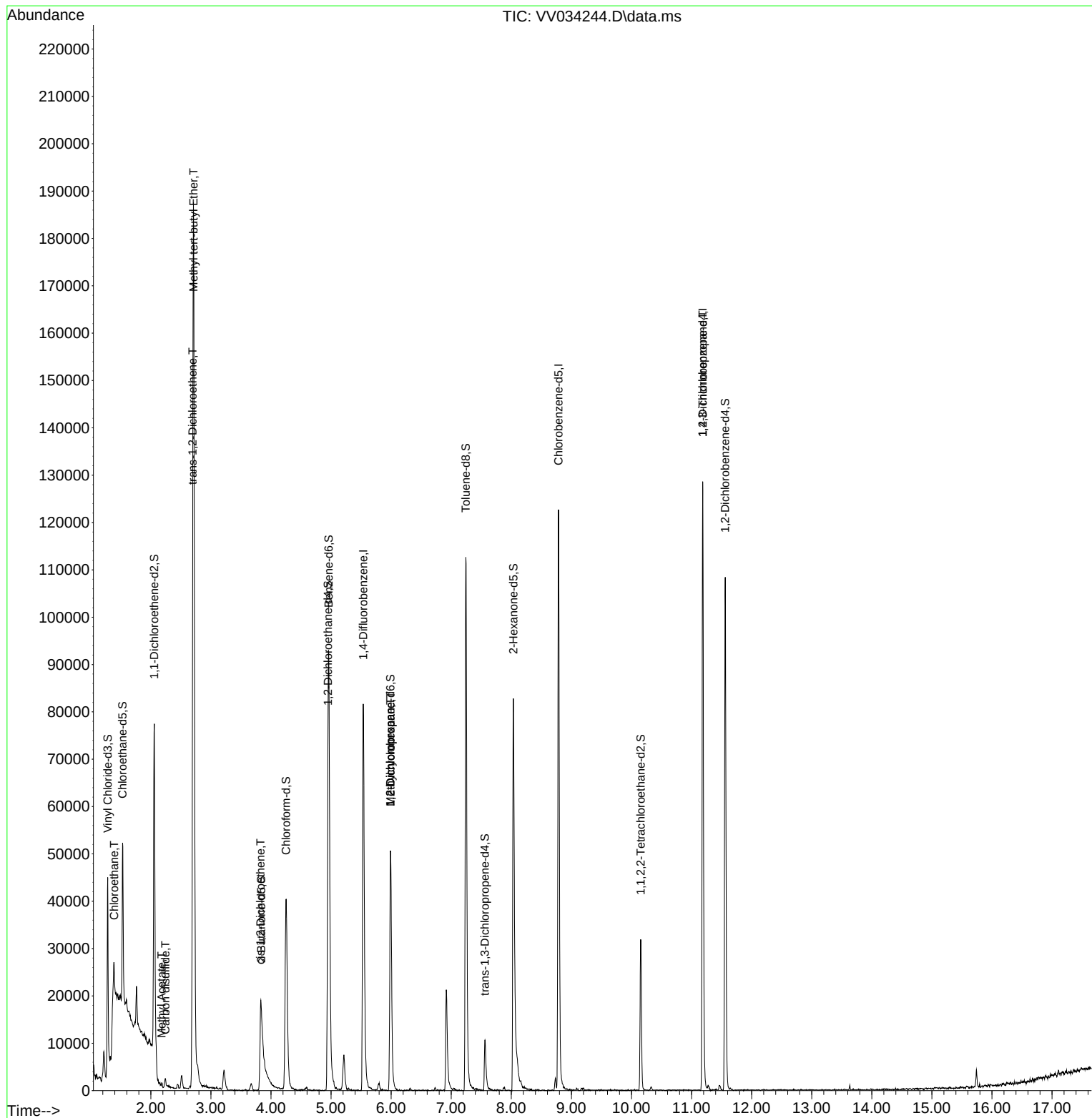
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	72520	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	66737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	23153	4.122	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.529	69	20287	4.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.056	65	11950	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.838	46	35604	37.745	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.500%
24) Chloroform-d	4.249	84	44627	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.947	65	22287	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.960	84	83047	4.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	5.989	67	23100	4.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.243	98	77290	4.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.561	79	7440	3.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.034	63	31014	41.108	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.220%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	14623	4.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	27698	4.602	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.388	64	42090	8.907	ug/L #	54
14) Carbon disulfide	2.243	76	3445	0.210	ug/L	95
15) Methyl Acetate	2.178	43	507	0.299	ug/L #	53
17) Methyl tert-butyl Ether	2.709	73	191143	18.363	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	1991	0.386	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	5105	0.872	ug/L	94
35) Methylcyclohexane	5.989	83	6038	0.664	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	3074	0.634	ug/L #	89
61) 1,2,3-Trichloropropane	11.185	75	3932	1.728	ug/L #	62

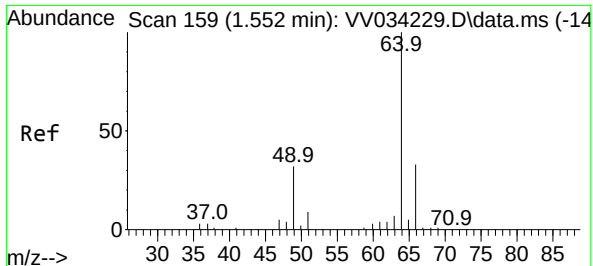
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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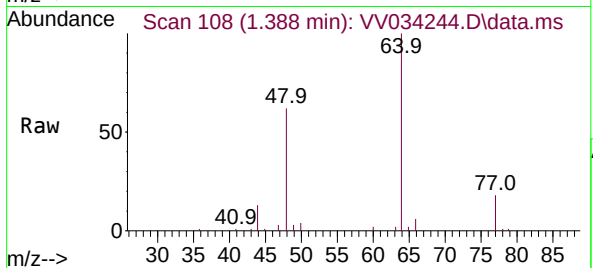
Quant Time: Feb 20 03:29:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
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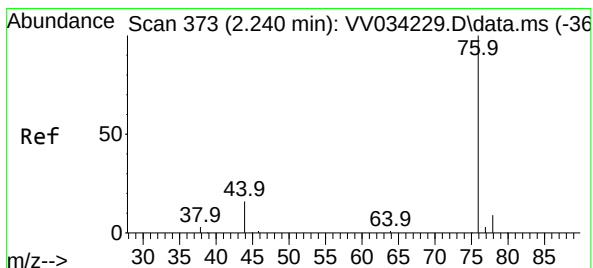
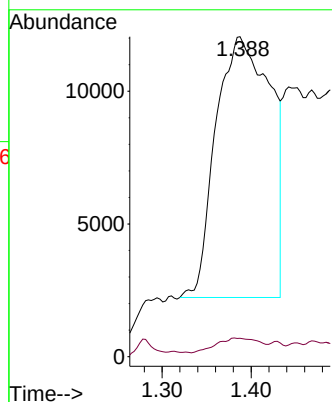
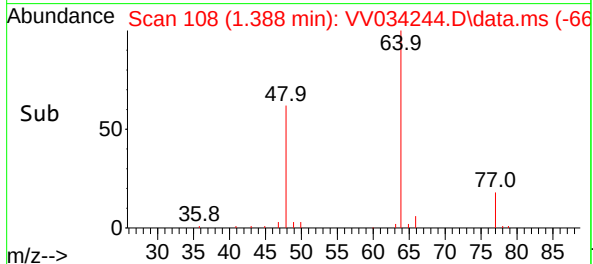


#8
Chloroethane
Concen: 8.907 ug/L
RT: 1.388 min Scan# 108
Delta R.T. -0.164 min
Lab File: VV034244.D
Acq: 19 Feb 2024 15:29

Instrument :
MSVOA_V
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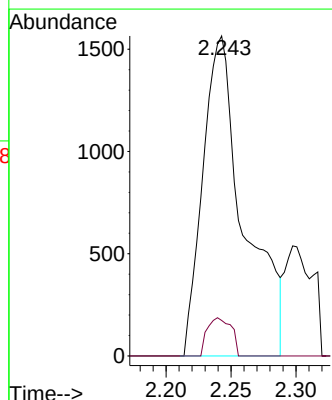
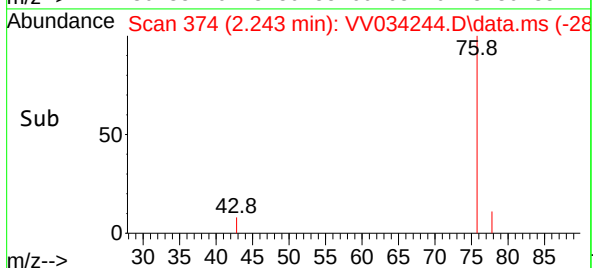
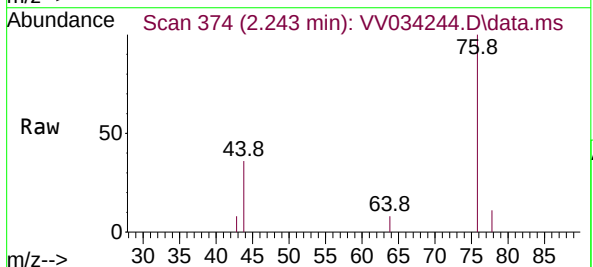


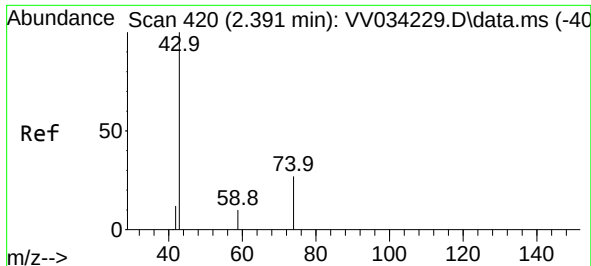
Tgt Ion: 64 Resp: 42090
Ion Ratio Lower Upper
64 100
66 5.8 22.0 41.0#



#14
Carbon disulfide
Concen: 0.210 ug/L
RT: 2.243 min Scan# 374
Delta R.T. 0.003 min
Lab File: VV034244.D
Acq: 19 Feb 2024 15:29

Tgt Ion: 76 Resp: 3445
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3

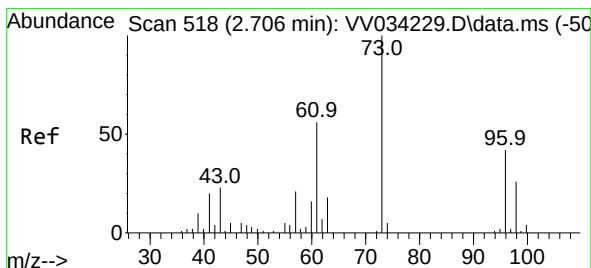
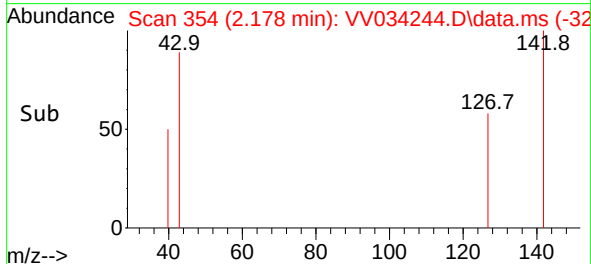
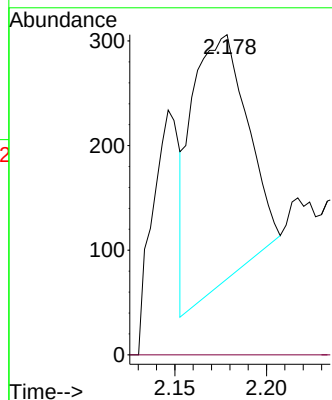
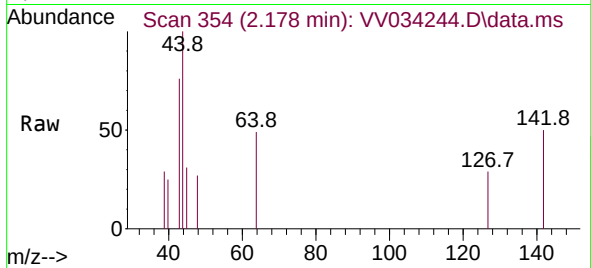




#15
Methyl Acetate
Concen: 0.299 ug/L
RT: 2.178 min Scan# 311
Delta R.T. -0.212 min
Lab File: VV034244.D
Acq: 19 Feb 2024 15:29

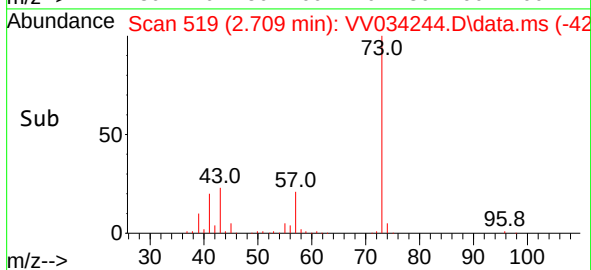
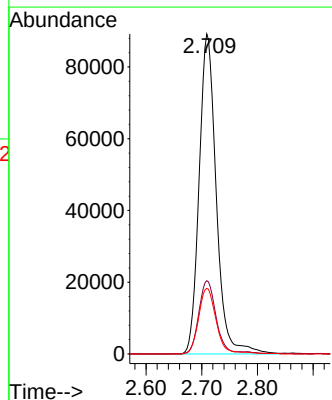
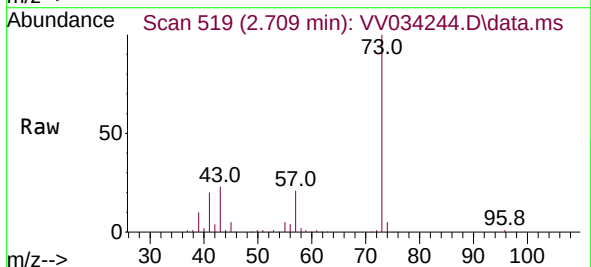
Instrument :
MSVOA_V
ClientSampleId :

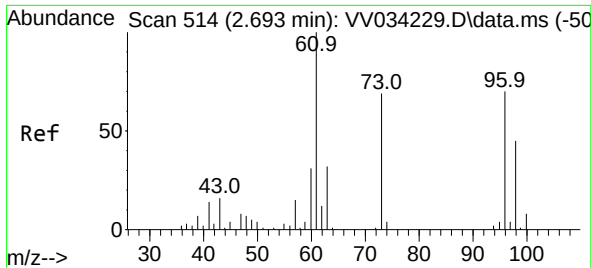
Tgt Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#17
Methyl tert-butyl Ether
Concen: 18.363 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV034244.D
Acq: 19 Feb 2024 15:29

Tgt Ion: 73 Resp: 191143
Ion Ratio Lower Upper
73 100
43 22.7 17.7 26.5
57 21.2 17.9 26.9

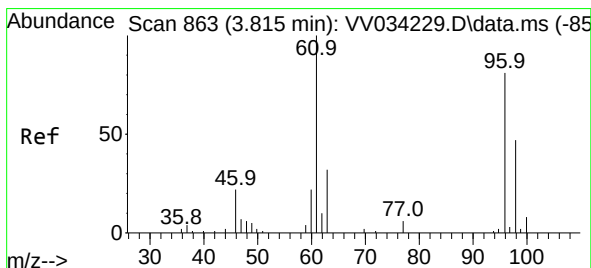
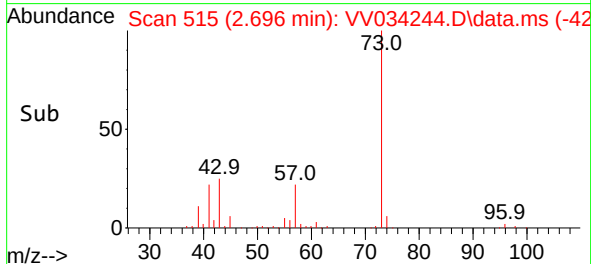
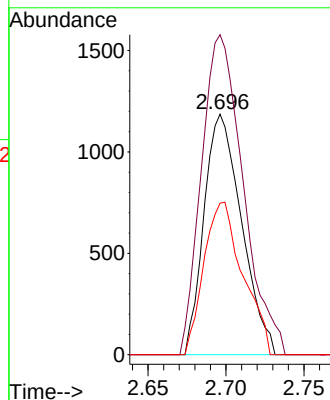
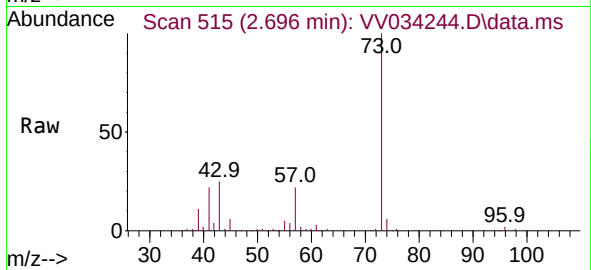




#18
trans-1,2-Dichloroethene
Concen: 0.386 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV034244.D
Acq: 19 Feb 2024 15:29

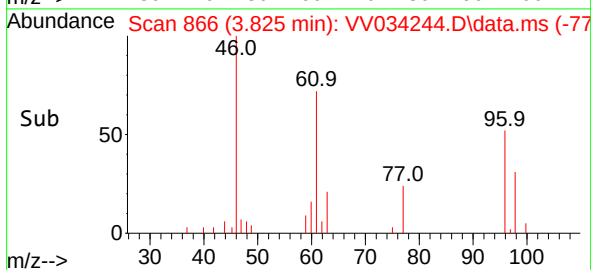
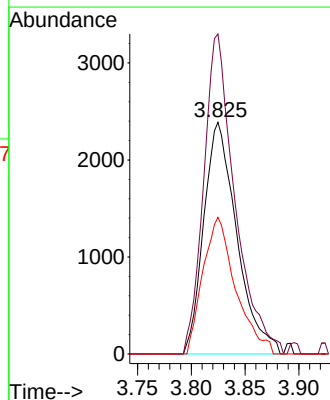
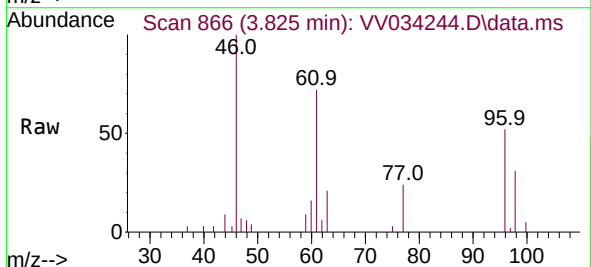
Instrument :
MSVOA_V
ClientSampleId :

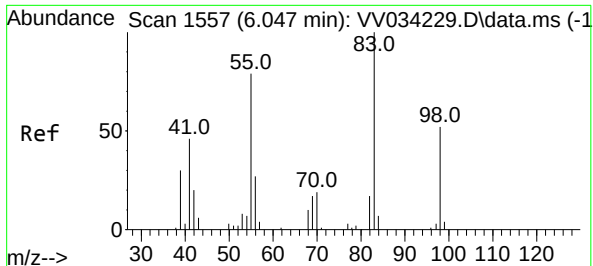
Tgt Ion: 96 Resp: 1991
Ion Ratio Lower Upper
96 100
61 133.1 97.6 181.4
98 63.0 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 0.872 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.009 min
Lab File: VV034244.D
Acq: 19 Feb 2024 15:29

Tgt Ion: 96 Resp: 5105
Ion Ratio Lower Upper
96 100
61 138.1 90.3 167.7
98 58.9 43.2 80.2





#35

Methylcyclohexane

Concen: 0.664 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV034244.D

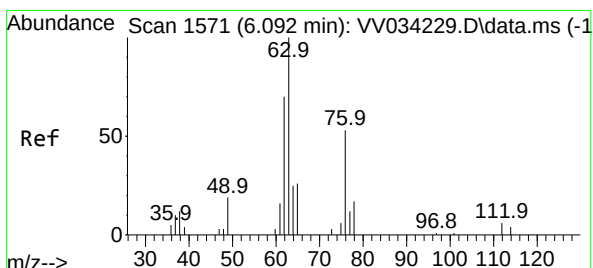
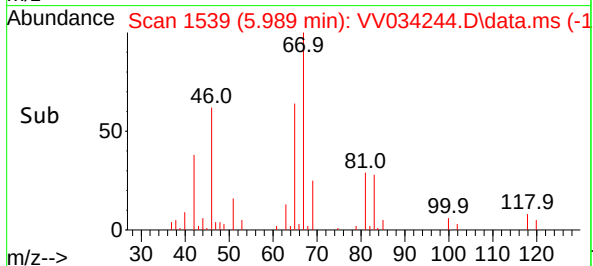
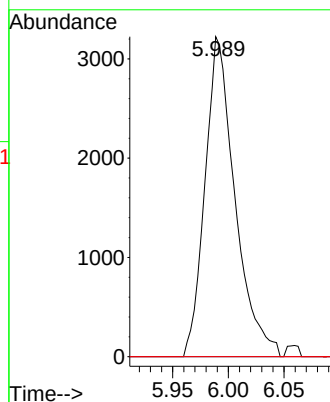
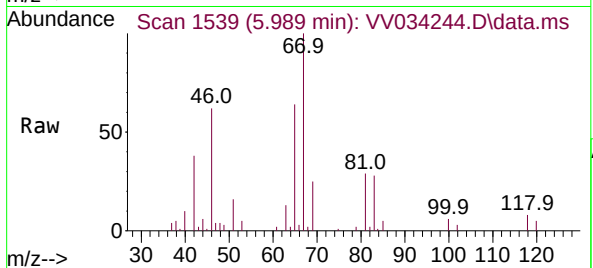
Acq: 19 Feb 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 6038
Ion Ratio	Lower Upper
83	100
55	2.9 63.5 95.3#
98	0.0 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.634 ug/L

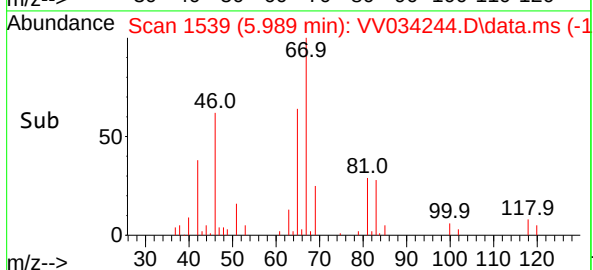
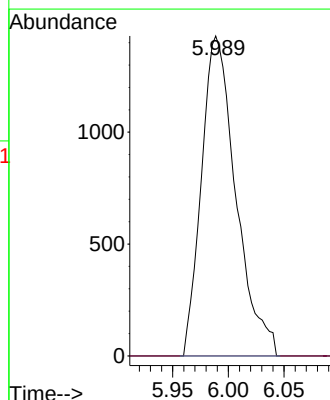
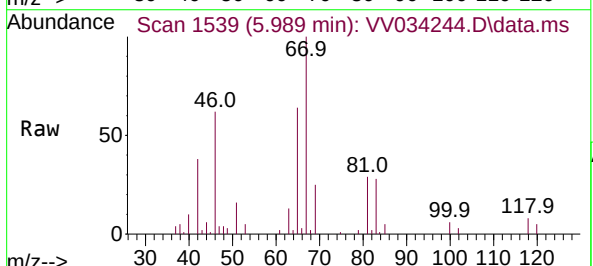
RT: 5.989 min Scan# 1539

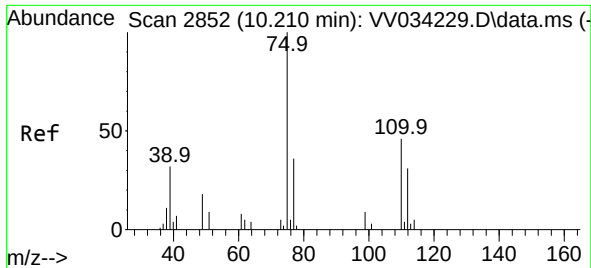
Delta R.T. -0.103 min

Lab File: VV034244.D

Acq: 19 Feb 2024 15:29

Tgt Ion: 63	Resp: 3074
Ion Ratio	Lower Upper
63	100
112	0.7 3.4 5.0#





#61

1,2,3-Trichloropropane

Concen: 1.728 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.974 min

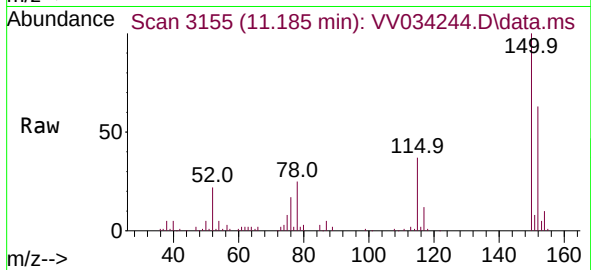
Lab File: VV034244.D

Acq: 19 Feb 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 3932

Ion Ratio Lower Upper

75 100

77 31.5 26.9 40.3

110 0.0 33.3 49.9#

