

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
 Data File : VV034372.D
 Acq On : 23 Feb 2024 13:43
 Operator : SY/MD
 Sample : VIBLK329
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 00:47:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

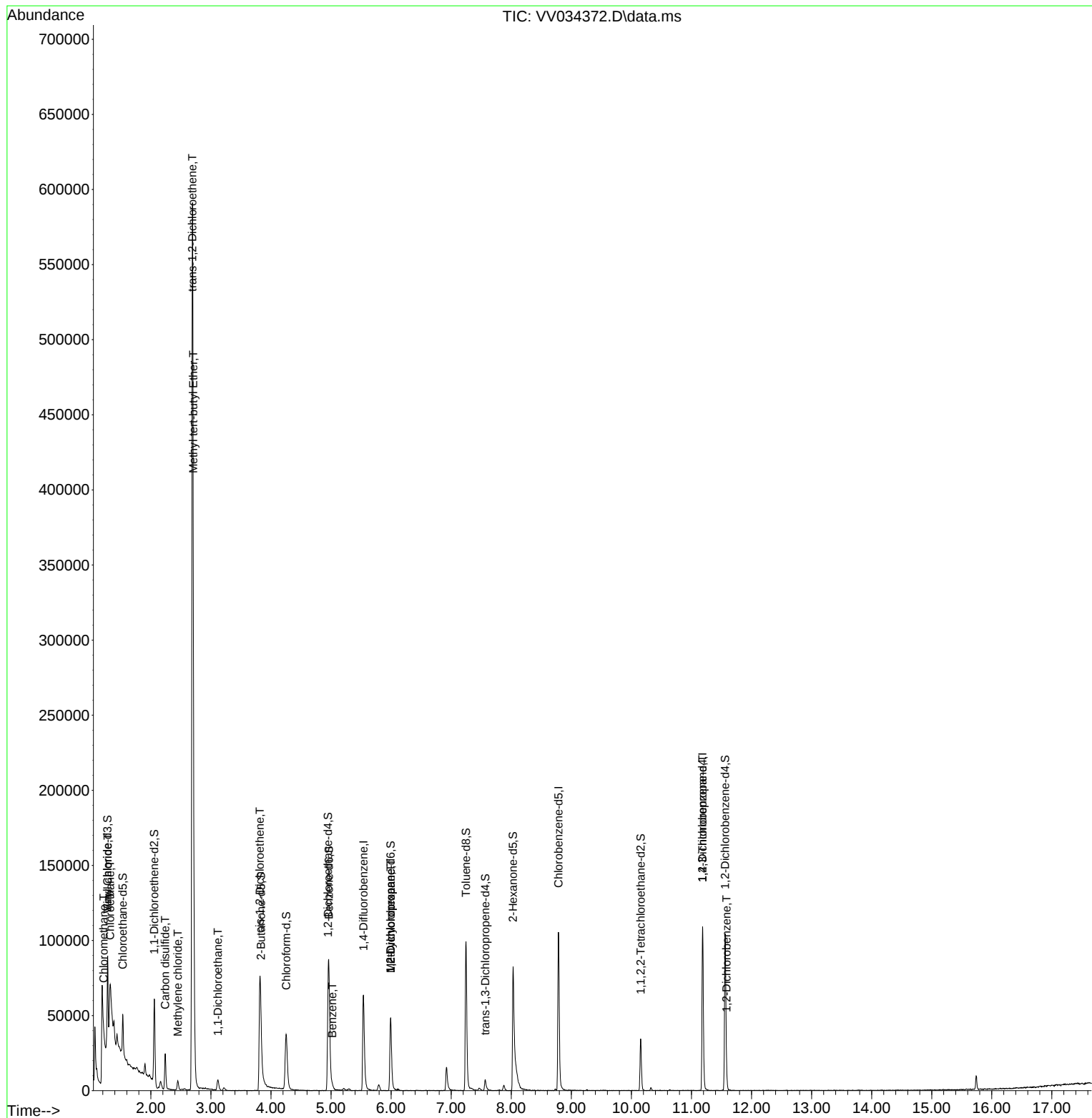
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	57836	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	57624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	29040	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18704	4.176	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.532	69	16878	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.056	65	8992	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.831	46	28025	37.254	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.500%
24) Chloroform-d	4.252	84	41076	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	4.950	65	22501	5.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.400%
32) Benzene-d6	4.963	84	75137	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	5.992	67	22746	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.246	98	67307	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.567	79	4949	2.712	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.200%#
46) 2-Hexanone-d5	8.030	63	39108	60.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.060%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16167	5.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	26158	4.953	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	5045	0.873	ug/L	84
5) Vinyl chloride	1.281	62	22899	4.145	ug/L #	1
8) Chloroethane	1.323	64	75219	19.959	ug/L #	52
14) Carbon disulfide	2.240	76	27549	2.107	ug/L	98
16) Methylene chloride	2.449	84	2483	0.640	ug/L	88
17) Methyl tert-butyl Ether	2.706	73	109211	13.156	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	188925	45.908	ug/L	97
19) 1,1-Dichloroethane	3.114	63	7557	0.999	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	35450	7.593	ug/L	98
33) Benzene	5.018	78	2812	0.163	ug/L	100
35) Methylcyclohexane	5.992	83	5617	0.715	ug/L #	21
37) 1,2-Dichloropropane	5.992	63	2920	0.697	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	3562	1.784	ug/L #	63
67) 1,2-Dichlorobenzene	11.583	146	2130	0.265	ug/L #	71

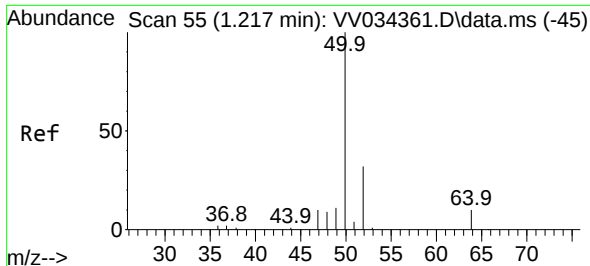
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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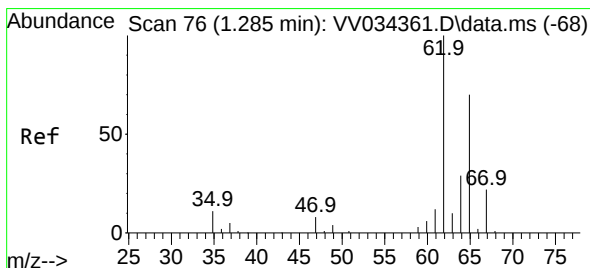
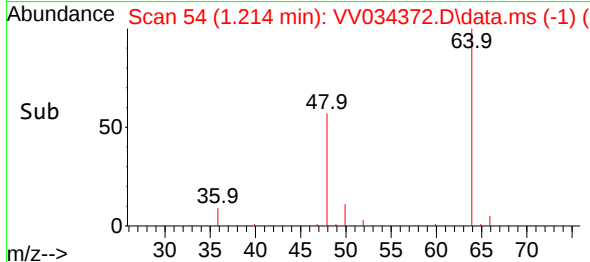
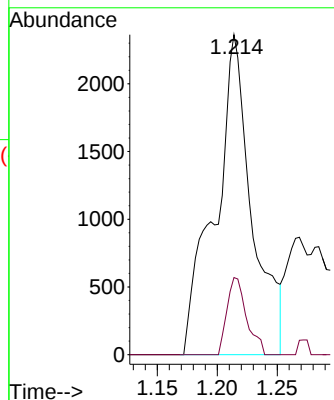
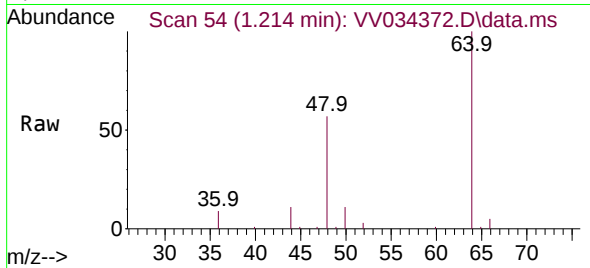




#3
Chloromethane
Concen: 0.873 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

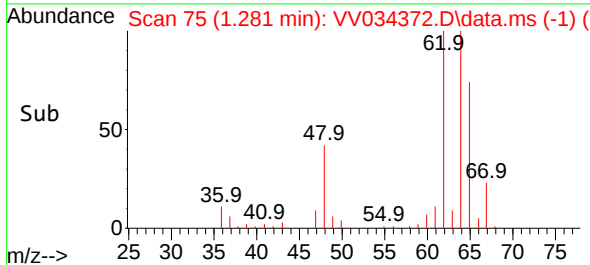
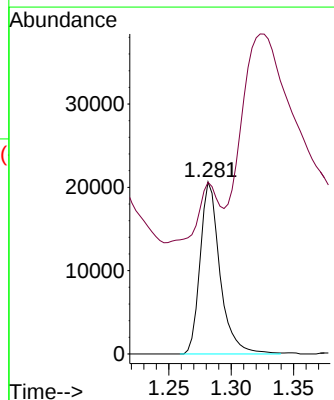
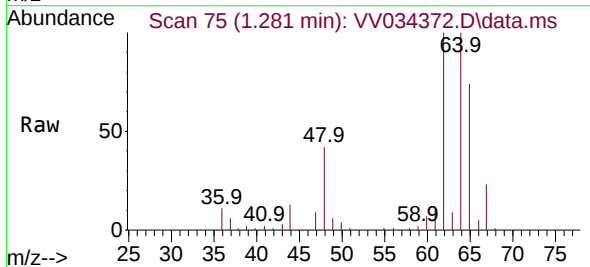
Instrument :
MSVOA_V
ClientSampleId :

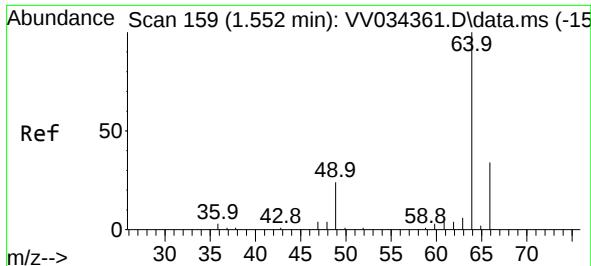
Tgt Ion: 50 Resp: 5045
Ion Ratio Lower Upper
50 100
52 24.1 23.4 43.4



#5
Vinyl chloride
Concen: 4.145 ug/L
RT: 1.281 min Scan# 75
Delta R.T. -0.003 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Tgt Ion: 62 Resp: 22899
Ion Ratio Lower Upper
62 100
64 99.8 27.2 50.4#





#8

Chloroethane

Concen: 19.959 ug/L

RT: 1.323 min Scan# 81

Delta R.T. -0.228 min

Lab File: VV034372.D

Acq: 23 Feb 2024 13:43

Instrument :

MSVOA_V

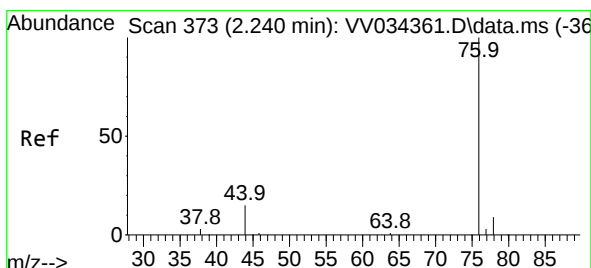
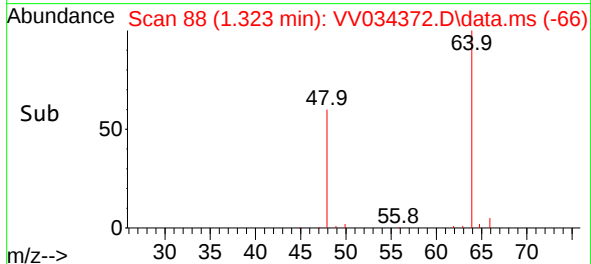
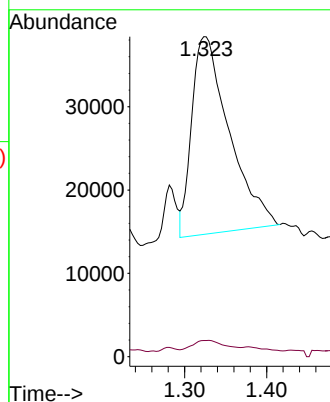
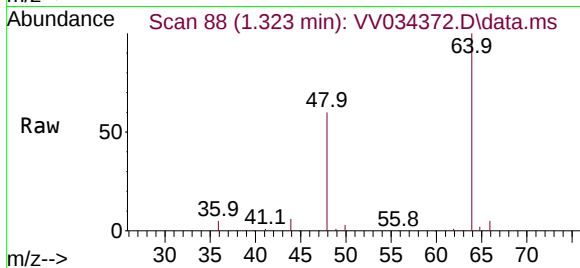
ClientSampleId :

Tgt Ion: 64 Resp: 75219

Ion Ratio Lower Upper

64 100

66 5.0 22.0 41.0#



#14

Carbon disulfide

Concen: 2.107 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034372.D

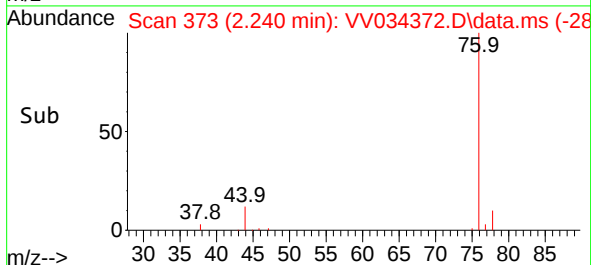
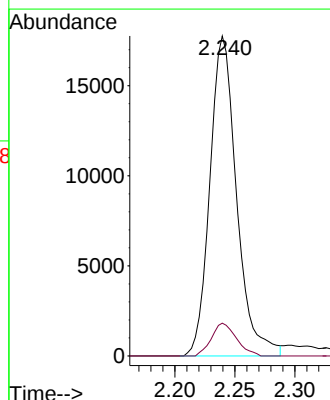
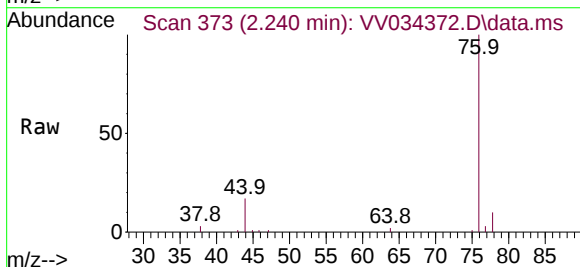
Acq: 23 Feb 2024 13:43

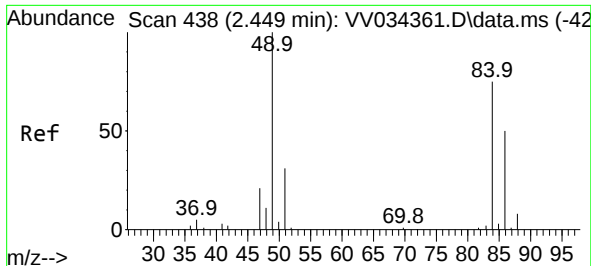
Tgt Ion: 76 Resp: 27549

Ion Ratio Lower Upper

76 100

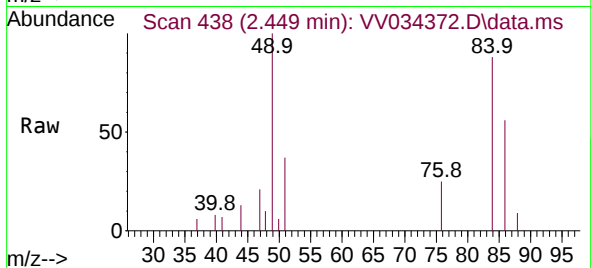
78 10.3 7.5 11.3





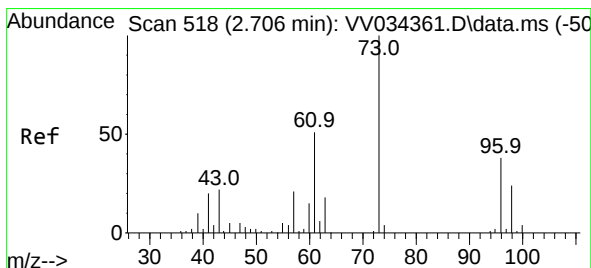
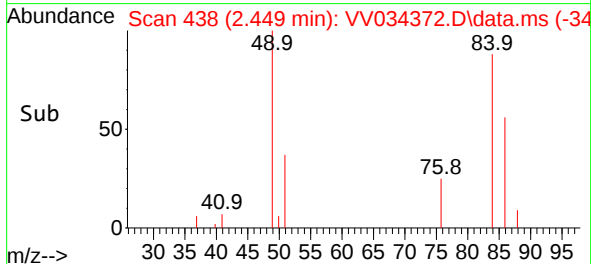
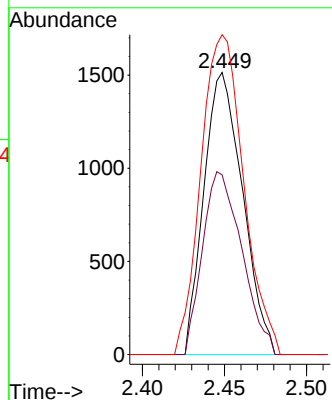
#16
Methylene chloride
Concen: 0.640 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 2483

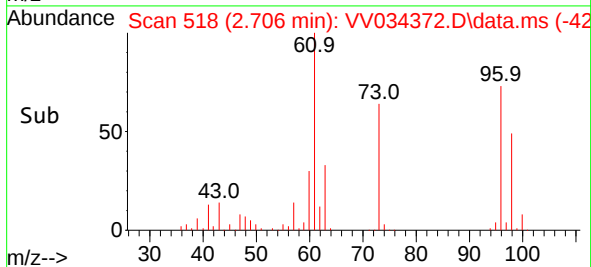
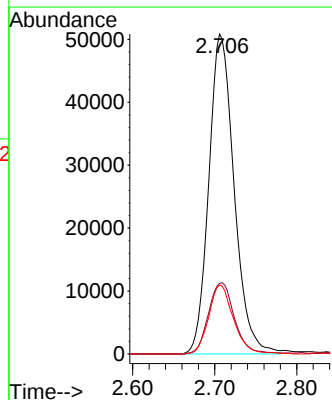
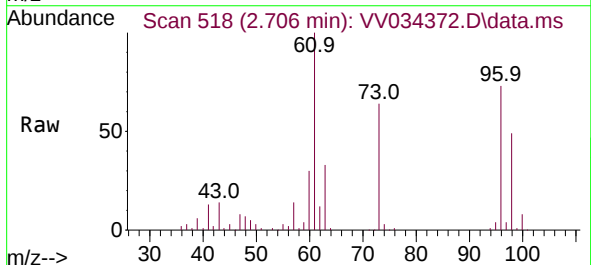
Ion	Ratio	Lower	Upper
84	100		
86	63.7	44.7	83.1
49	113.4	93.7	173.9

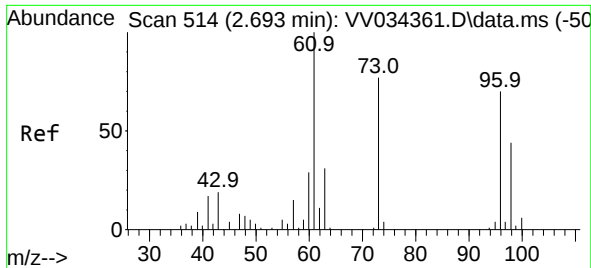


#17
Methyl tert-butyl Ether
Concen: 13.156 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Tgt Ion: 73 Resp: 109211

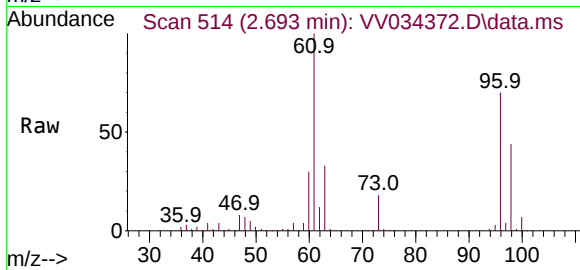
Ion	Ratio	Lower	Upper
73	100		
43	22.9	17.7	26.5
57	21.2	17.9	26.9





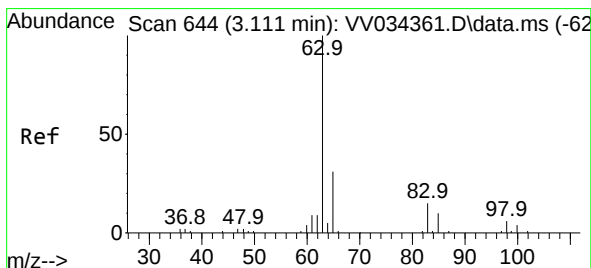
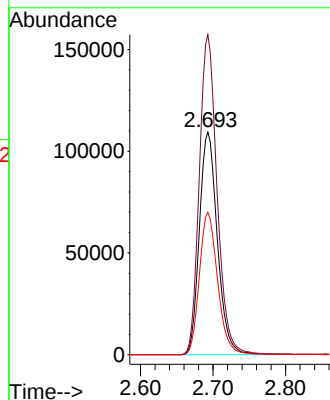
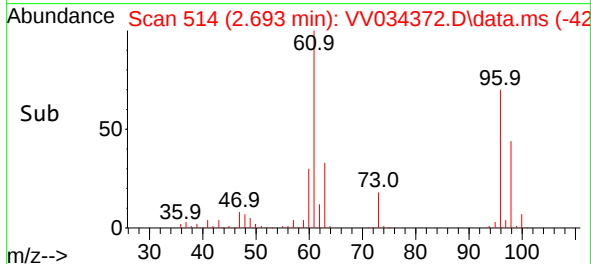
#18
trans-1,2-Dichloroethene
Concen: 45.908 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Instrument :
MSVOA_V
ClientSampleId :

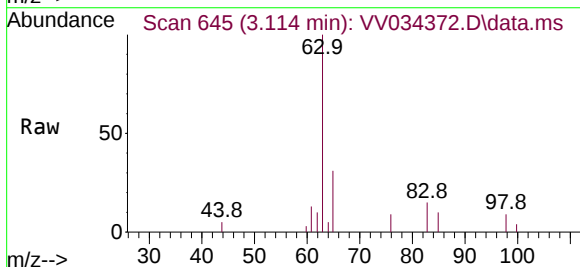


Tgt Ion: 96 Resp: 188925

Ion	Ratio	Lower	Upper
96	100		
61	143.8	97.6	181.4
98	63.9	44.4	82.5

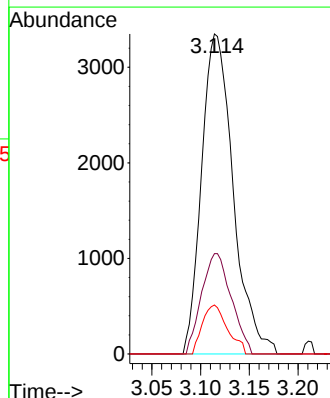
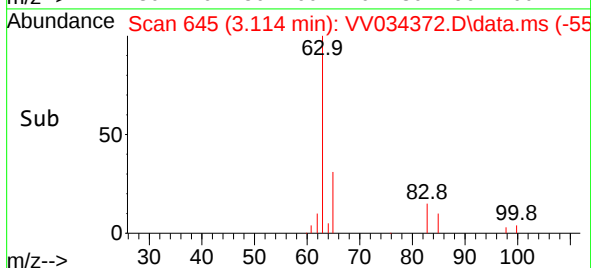


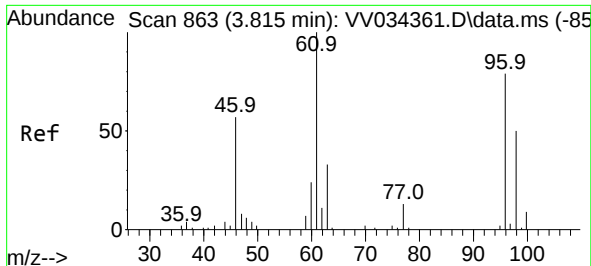
#19
1,1-Dichloroethane
Concen: 0.999 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43



Tgt Ion: 63 Resp: 7557

Ion	Ratio	Lower	Upper
63	100		
65	31.4	20.8	38.6
83	15.3	9.4	17.4





#22

cis-1,2-Dichloroethene

Concen: 7.593 ug/L

RT: 3.815 min Scan# 80

Delta R.T. -0.000 min

Lab File: VV034372.D

Acq: 23 Feb 2024 13:43

Instrument :

MSVOA_V

ClientSampleId :

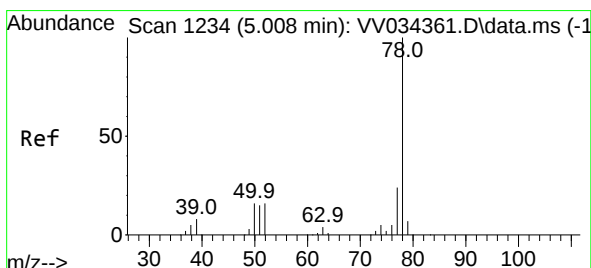
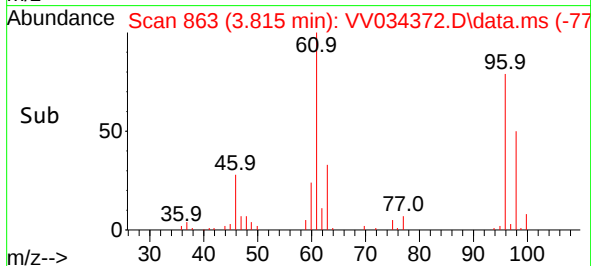
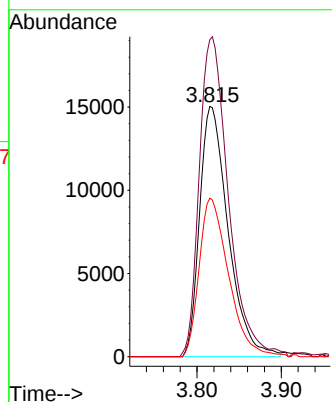
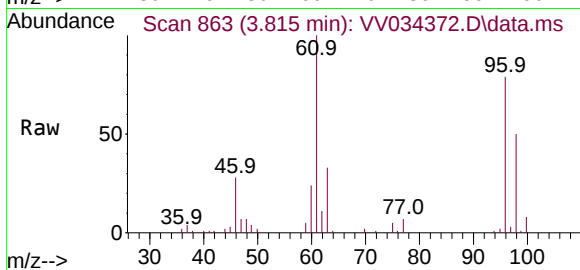
Tgt Ion: 96 Resp: 35450

Ion Ratio Lower Upper

96 100

61 126.7 90.3 167.7

98 63.4 43.2 80.2



#33

Benzene

Concen: 0.163 ug/L

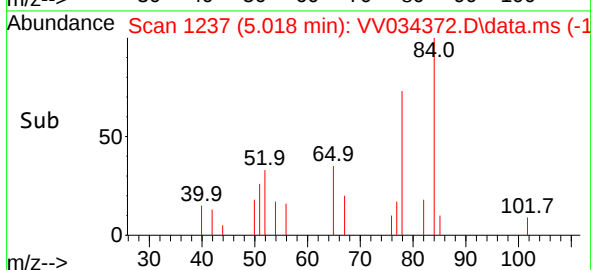
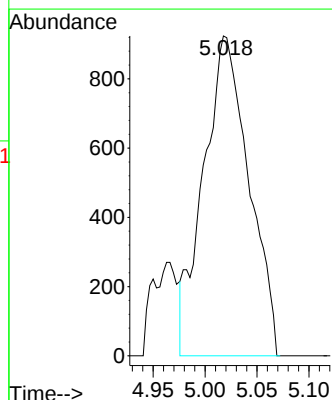
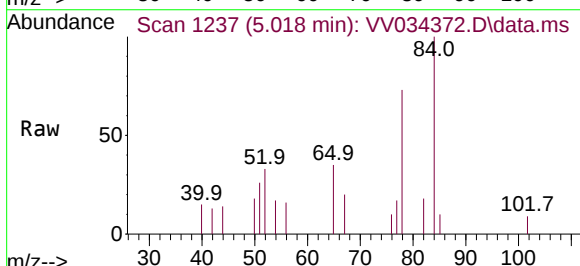
RT: 5.018 min Scan# 1237

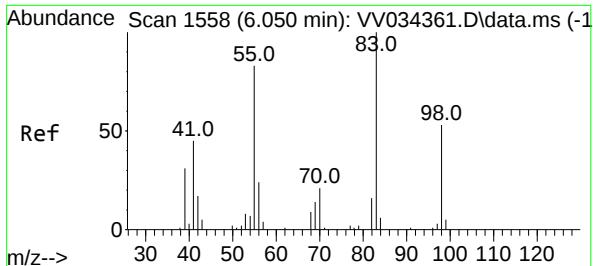
Delta R.T. 0.009 min

Lab File: VV034372.D

Acq: 23 Feb 2024 13:43

Tgt Ion: 78 Resp: 2812





#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV034372.D

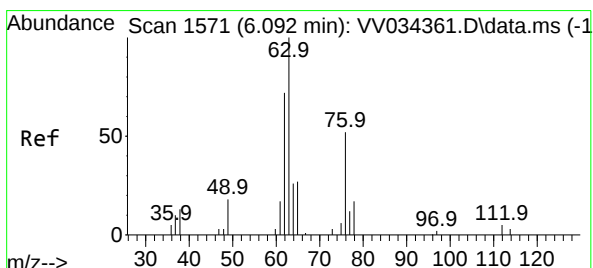
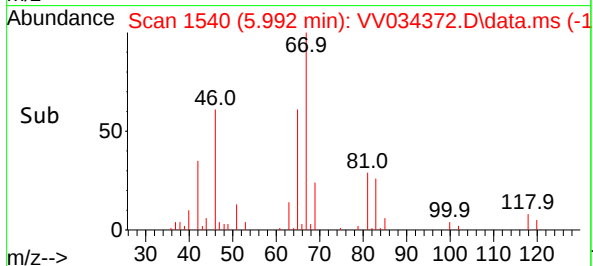
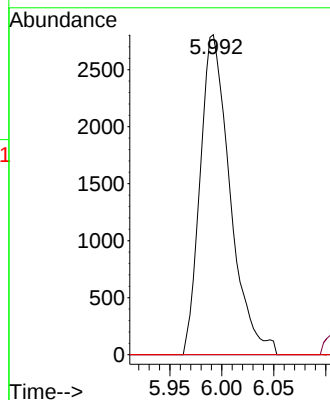
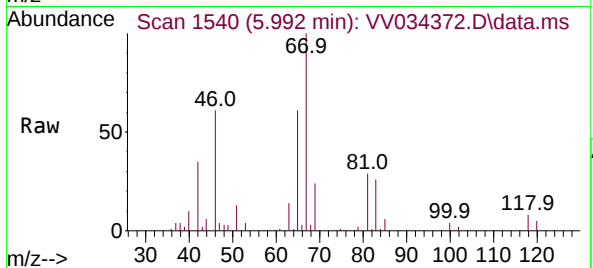
Acq: 23 Feb 2024 13:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	5617
Ion	Ratio	Lower	Upper
83	100		
55	5.6	63.5	95.3#
98	0.0	39.0	58.4#



#37

1,2-Dichloropropane

Concen: 0.697 ug/L

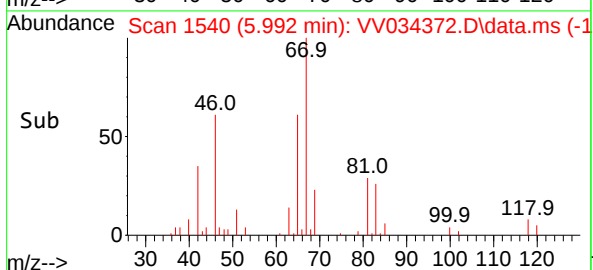
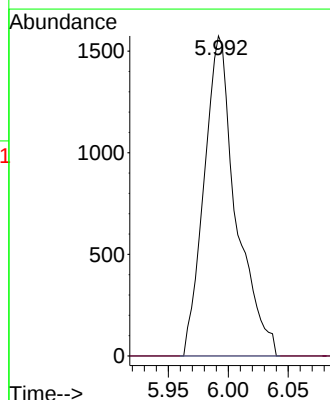
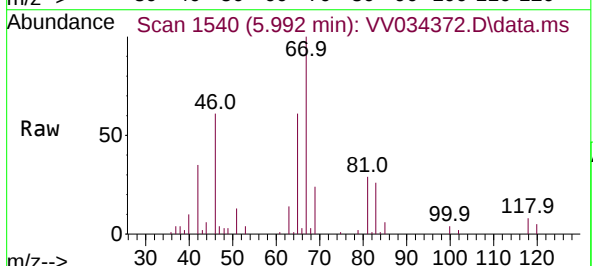
RT: 5.992 min Scan# 1540

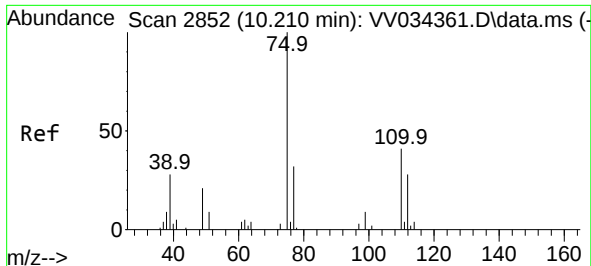
Delta R.T. -0.100 min

Lab File: VV034372.D

Acq: 23 Feb 2024 13:43

Tgt Ion:	63	Resp:	2920
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

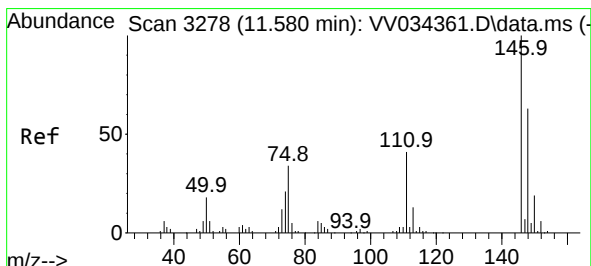
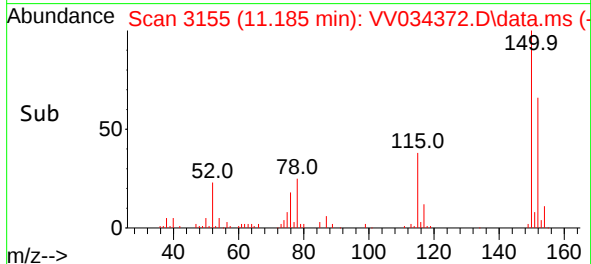
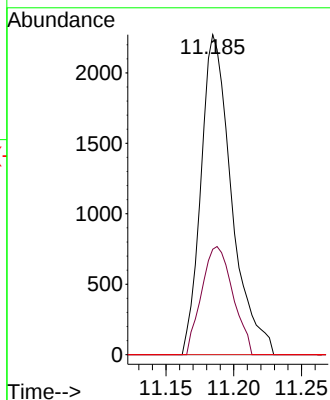
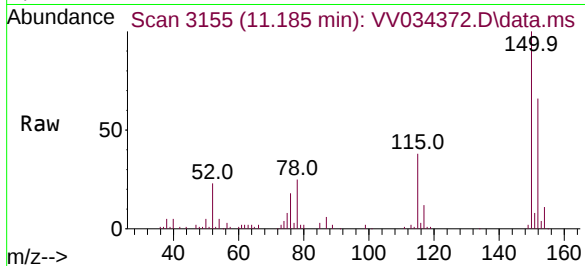




#61
1,2,3-Trichloropropane
Concen: 1.784 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Instrument :
MSVOA_V
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Tgt Ion: 75 Resp: 3562
Ion Ratio Lower Upper
75 100
77 34.5 26.9 40.3
110 0.0 33.3 49.9#



#67
1,2-Dichlorobenzene
Concen: 0.265 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Tgt Ion: 146 Resp: 2130
Ion Ratio Lower Upper
146 100
111 55.2 31.2 46.8#
148 86.4 49.8 74.8#

