

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037060.D
 Acq On : 27 Aug 2024 03:57
 Operator : SY/MD
 Sample : P3691-15
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K61

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2024
 Supervised By : Mahesh Dadoda 08/28/2024

Quant Time: Aug 27 04:21:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 03:16:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	559033	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	548134	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	260866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	563847m	110.260	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 220.520%#			
7) Chloroethane-d5	1.532	69	180549	45.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.360%			
11) 1,1-Dichloroethene-d2	2.056	65	98151	45.665	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.340%			
21) 2-Butanone-d5	3.815	46	237567	119.964	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.960%			
24) Chloroform-d	4.243	84	413215	51.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.260%			
26) 1,2-Dichloroethane-d4	4.937	65	264792	52.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.080%			
32) Benzene-d6	4.953	84	826967	49.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.900%			
36) 1,2-Dichloropropane-d6	5.985	67	269350	51.943	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.880%			
41) Toluene-d8	7.239	98	744178	49.805	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.620%			
43) trans-1,3-Dichloroprop...	7.551	79	102990	42.930	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.860%			
47) 2-Hexanone-d5	8.024	63	140800	99.490	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.490%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	324812	51.648	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.300%			
66) 1,2-Dichlorobenzene-d4	11.554	152	270506	51.775	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.560%			
Target Compounds						
5) Vinyl chloride	1.272	62	19274716m	3864.622	ug/L	
12) 1,1-Dichloroethene	2.069	96	189260	51.892	ug/L	98
13) Acetone	2.111	43	63183	29.749	ug/L	97
14) Carbon disulfide	2.246	76	82291m	7.432	ug/L	
15) Methyl Acetate	2.371	43	127782	35.887	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	72429	19.130	ug/L	99
20) cis-1,2-Dichloroethene	3.789	96	30232685m	7226.154	ug/L	
22) 2-Butanone	3.899	43	26464m	11.317	ug/L	

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

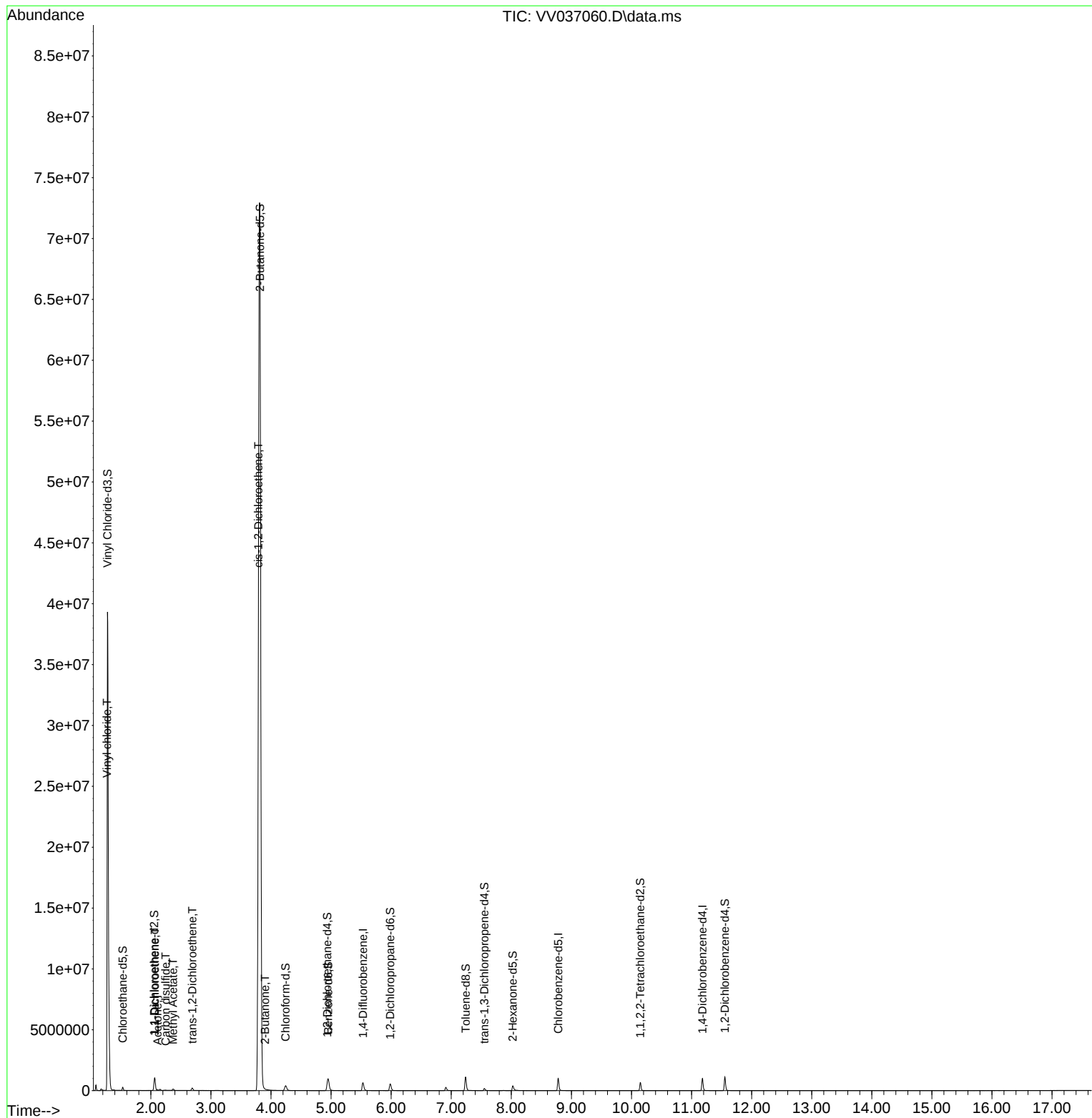
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037060.D
Acq On : 27 Aug 2024 03:57
Operator : SY/MD
Sample : P3691-15
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

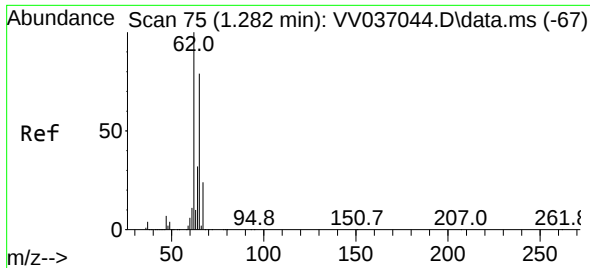
Instrument :
MSVOA_V
ClientSampleId :
E1K61

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024

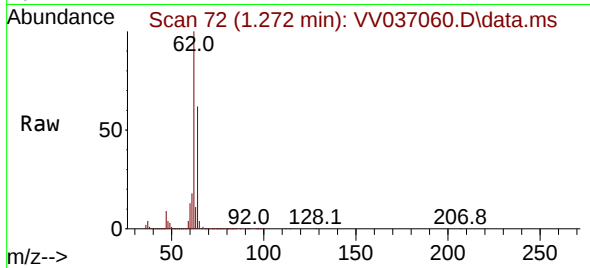
Quant Time: Aug 27 04:21:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 03:16:59 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 3864.622 ug/L m
 RT: 1.272 min Scan# 71
 Delta R.T. -0.010 min
 Lab File: VV037060.D
 Acq: 27 Aug 2024 03:57

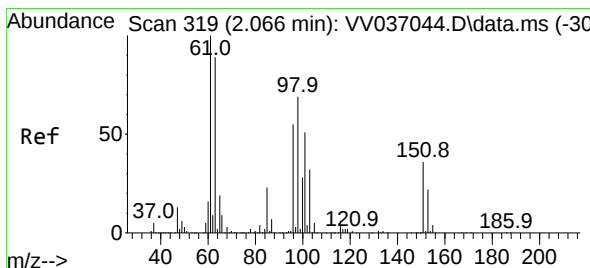
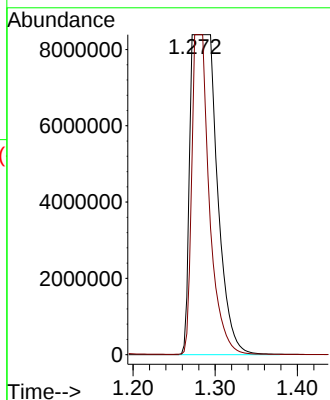
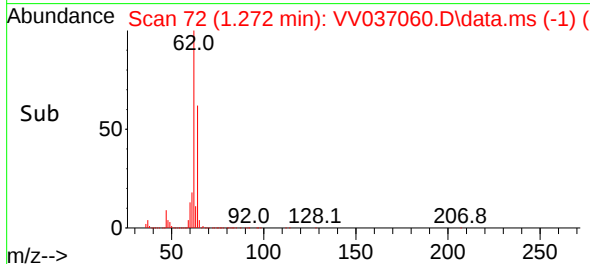
Instrument :
 MSVOA_V
 ClientSampleId :
 E1K61



Tgt Ion: 62 Resp:19274710
 Ion Ratio Lower Upper
 62 100
 64 62.3 22.8 42.4

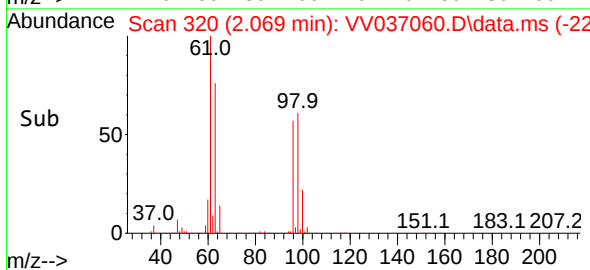
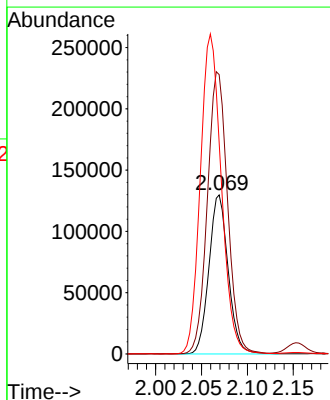
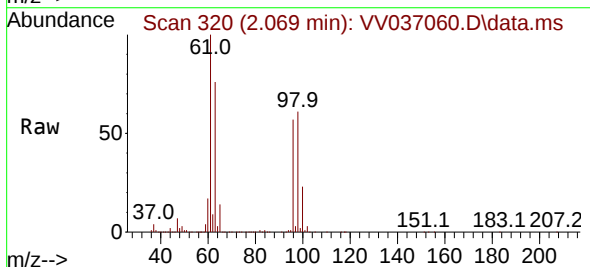
Manual Integrations
 APPROVED

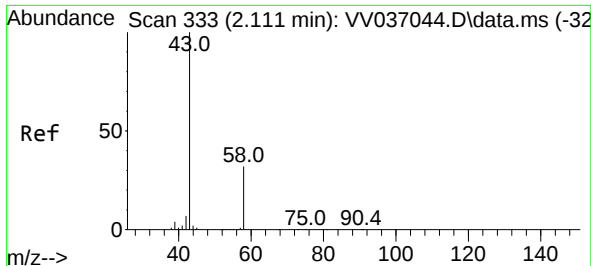
Reviewed By :John Carlone 08/27/2024
 Supervised By :Mahesh Dadoda 08/28/2024



#12
 1,1-Dichloroethene
 Concen: 51.892 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV037060.D
 Acq: 27 Aug 2024 03:57

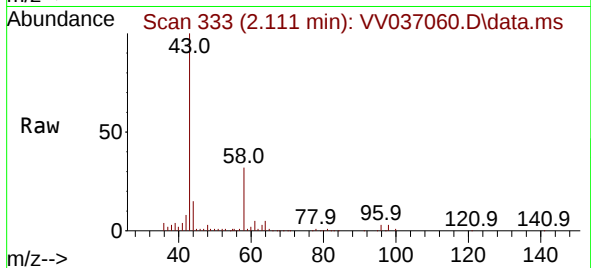
Tgt Ion: 96 Resp: 189260
 Ion Ratio Lower Upper
 96 100
 61 175.7 123.8 229.8
 63 132.9 96.5 179.1





#13
Acetone
Concen: 29.749 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV037060.D
Acq: 27 Aug 2024 03:57

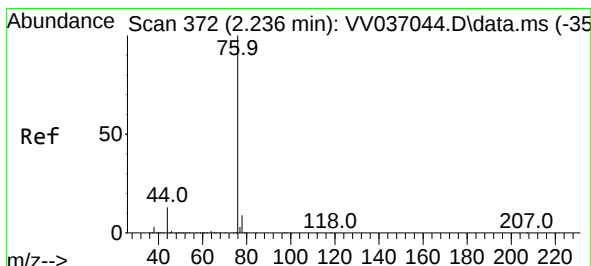
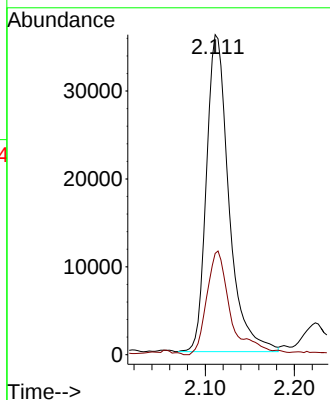
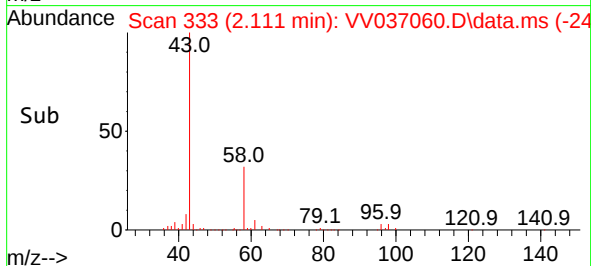
Instrument :
MSVOA_V
ClientSampleId :
E1K61



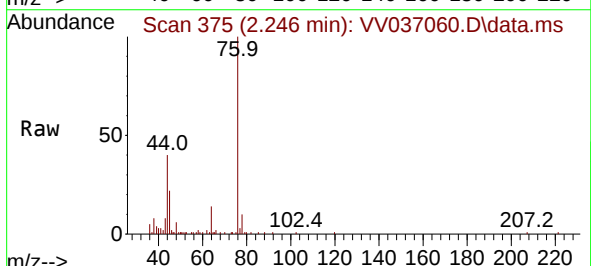
Tgt Ion: 43 Resp: 6318
Ion Ratio Lower Upper
43 100
58 30.9 0.0 64.8

Manual Integrations
APPROVED

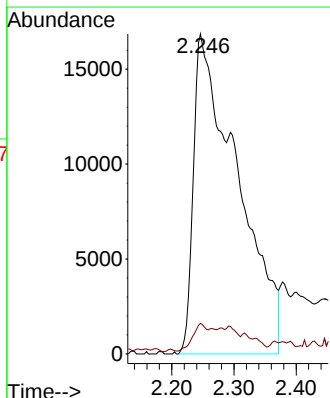
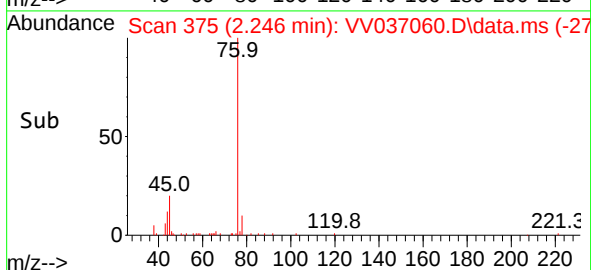
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024

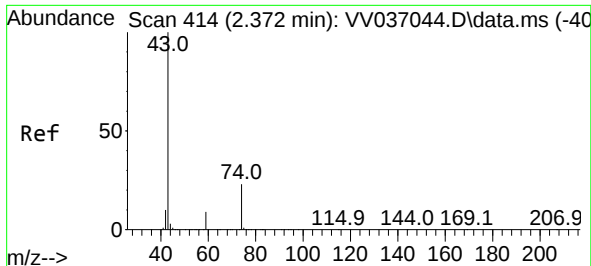


#14
Carbon disulfide
Concen: 7.432 ug/L m
RT: 2.246 min Scan# 375
Delta R.T. 0.010 min
Lab File: VV037060.D
Acq: 27 Aug 2024 03:57



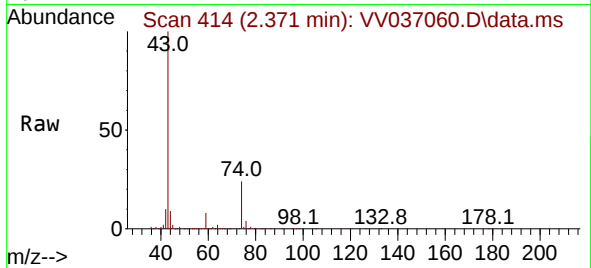
Tgt Ion: 76 Resp: 82291
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3





#15
Methyl Acetate
Concen: 35.887 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV037060.D
Acq: 27 Aug 2024 03:57

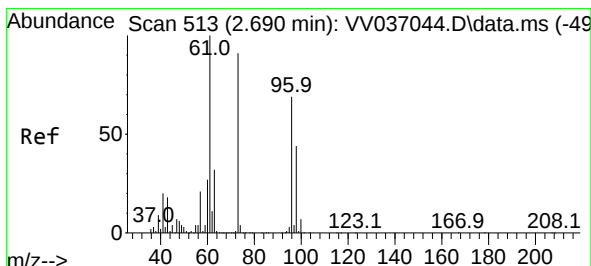
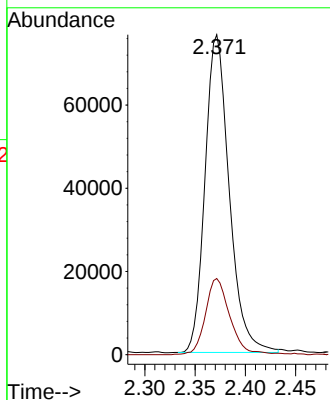
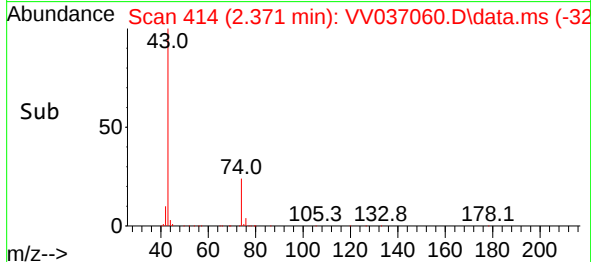
Instrument :
MSVOA_V
ClientSampleId :
E1K61



Tgt Ion: 43 Resp: 12778
Ion Ratio Lower Upper
43 100
74 23.7 18.4 27.6

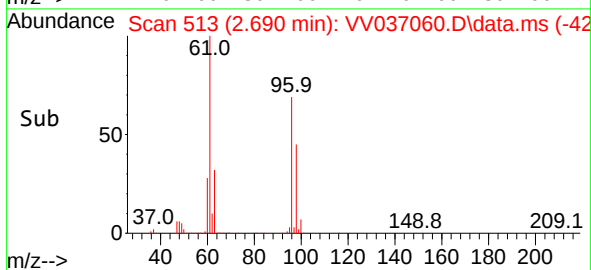
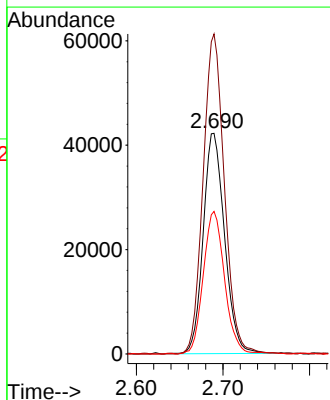
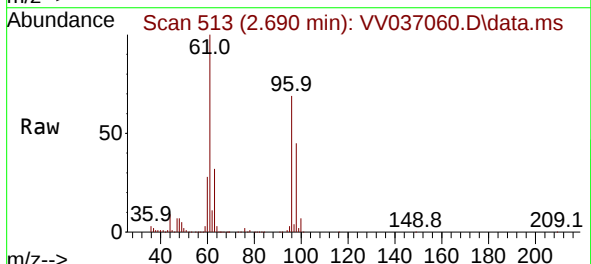
Manual Integrations
APPROVED

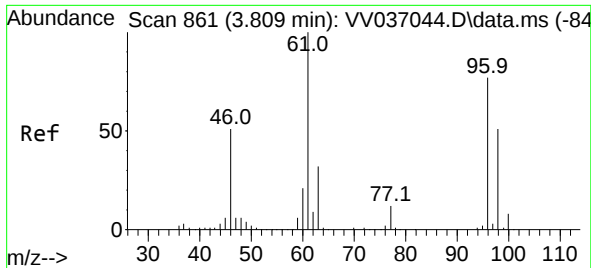
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024



#17
trans-1,2-Dichloroethene
Concen: 19.130 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037060.D
Acq: 27 Aug 2024 03:57

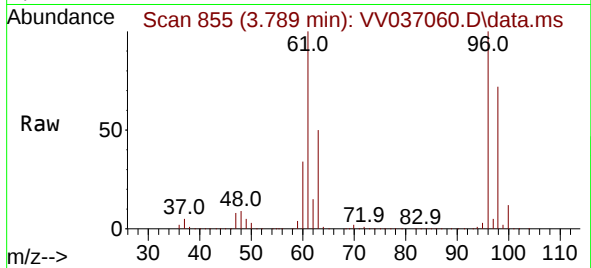
Tgt Ion: 96 Resp: 72429
Ion Ratio Lower Upper
96 100
61 145.0 102.3 189.9
98 64.6 44.8 83.2





#20
cis-1,2-Dichloroethene
Concen: 7226.154 ug/L m
RT: 3.789 min Scan# 81
Delta R.T. -0.019 min
Lab File: VV037060.D
Acq: 27 Aug 2024 03:57

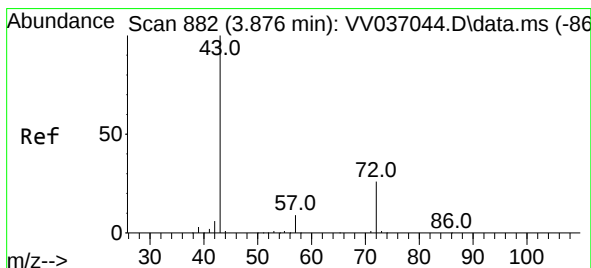
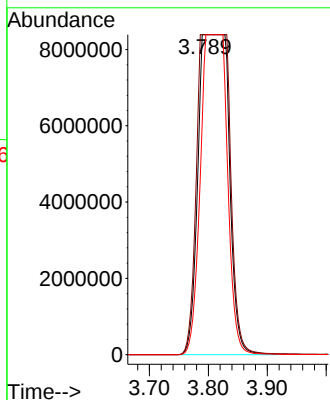
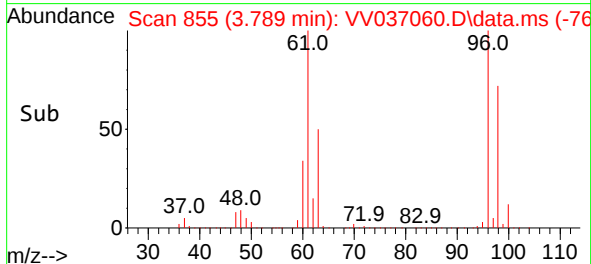
Instrument :
MSVOA_V
ClientSampleId :
E1K61



Tgt Ion: 96 Resp: 3023268
Ion Ratio Lower Upper
96 100
61 100.0 89.9 166.9
98 72.4 44.8 83.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024



#22
2-Butanone
Concen: 11.317 ug/L m
RT: 3.899 min Scan# 889
Delta R.T. 0.022 min
Lab File: VV037060.D
Acq: 27 Aug 2024 03:57

Tgt Ion: 43 Resp: 26464
Ion Ratio Lower Upper
43 100
72 7.9 12.7 38.0#

