

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036711.D
 Acq On : 25 Jul 2024 16:46
 Operator : SY/MD
 Sample : P3276-23
 Misc : 9.19g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20L1

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 05:02:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	398919	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	215826	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	29880	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	52849	12.096	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	48.400%		
7) Chloroethane-d5	1.526	69	63818	16.172	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.680%		
11) 1,1-Dichloroethene-d2	2.047	65	26391	11.424	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	45.680%		
21) 2-Butanone-d5	3.857	46	66140m	64.865	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	129.720%		
24) Chloroform-d	4.243	84	200409	18.995	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.000%		
26) 1,2-Dichloroethane-d4	4.940	65	115170	22.127	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.520%		
32) Benzene-d6	4.960	84	264470	25.855	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.440%		
36) 1,2-Dichloropropane-d6	6.021	67	87021	29.857	ug/L	0.04
Spiked Amount 25.000	Range 70 - 120		Recovery =	119.440%		
41) Toluene-d8	7.246	98	143833	14.735	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	58.920%		
43) trans-1,3-Dichloroprop...	7.558	79	36827	28.423	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	113.680%		
47) 2-Hexanone-d5	8.034	63	36370	93.766	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	187.540%#		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	84273	33.175	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	132.680%#		
66) 1,2-Dichlorobenzene-d4	11.564	152	22878	21.934	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.720%		
Target Compounds						
5) Vinyl chloride	1.275	62	5316	0.826	ug/L	83
12) 1,1-Dichloroethene	2.060	96	53959	8.768	ug/L	88
13) Acetone	2.156	43	8217m	4.961	ug/L	
14) Carbon disulfide	2.230	76	28886	1.691	ug/L	99
16) Methylene chloride	2.442	84	20534	2.766	ug/L	94
17) trans-1,2-Dichloroethene	2.687	96	50341	8.100	ug/L	98
20) cis-1,2-Dichloroethene	3.802	96	1723769	265.573	ug/L	98
34) Trichloroethene	5.834	95	56681843m	14131.377	ug/L	
42) Toluene	7.329	91	8448	0.622	ug/L	98
46) Tetrachloroethene	7.905	164	3547138	891.189	ug/L	98

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

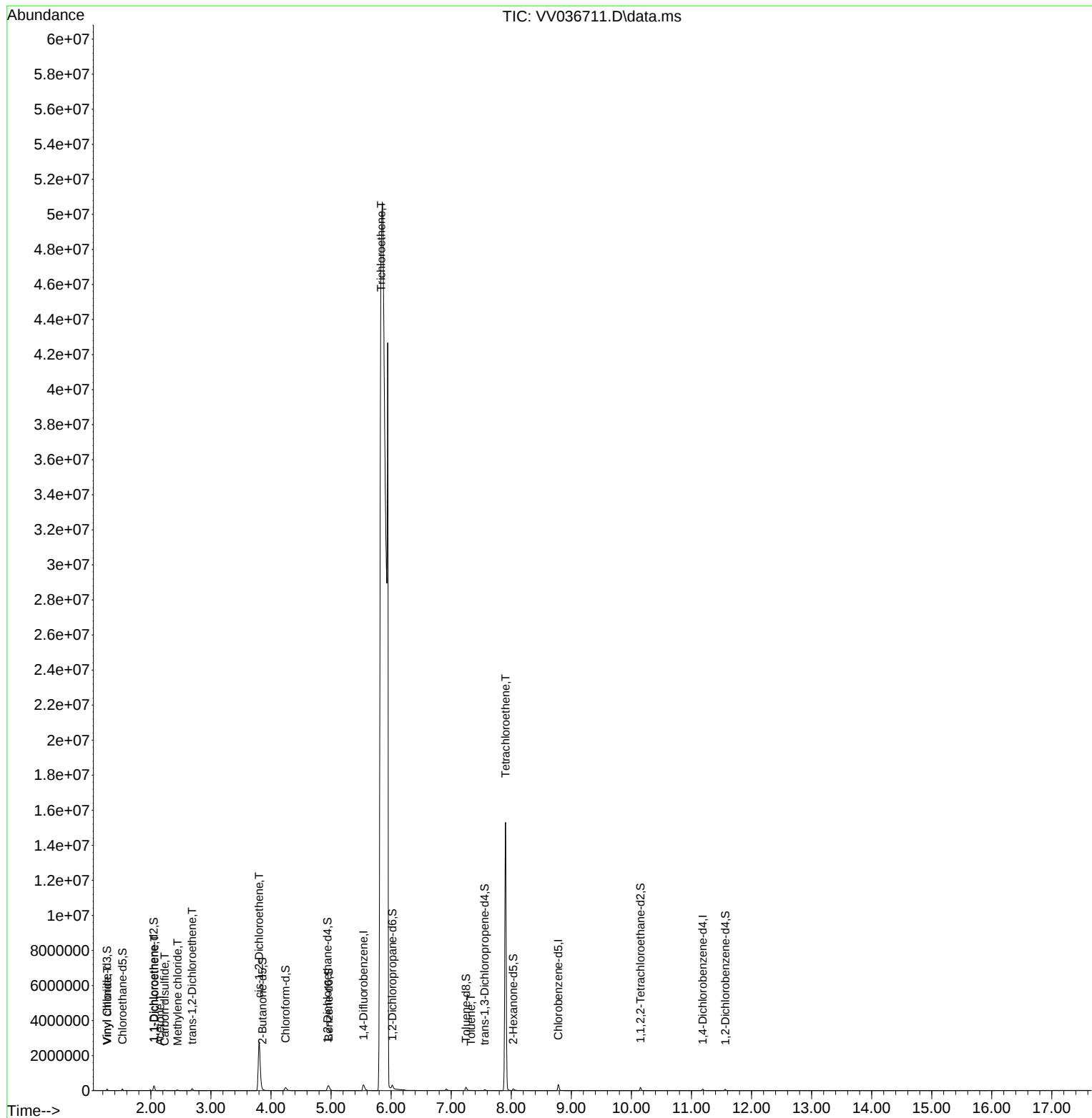
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036711.D
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Operator : SY/MD
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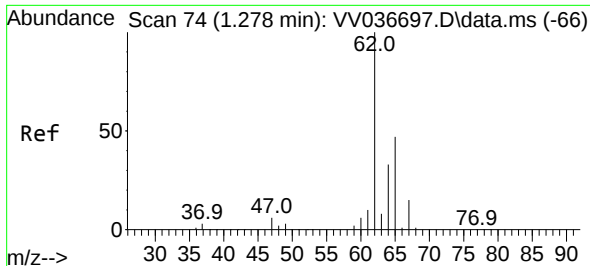
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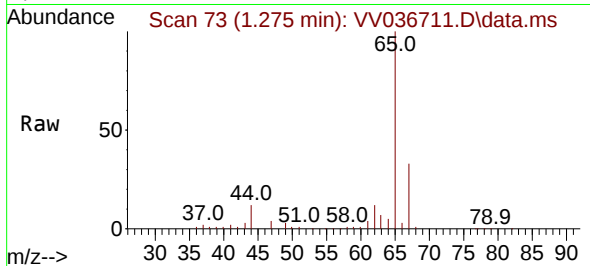
Quant Time: Jul 26 05:02:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 25 00:49:57 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.826 ug/L
 RT: 1.275 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV036711.D
 Acq: 25 Jul 2024 16:46

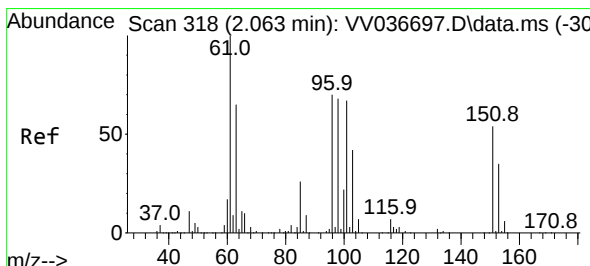
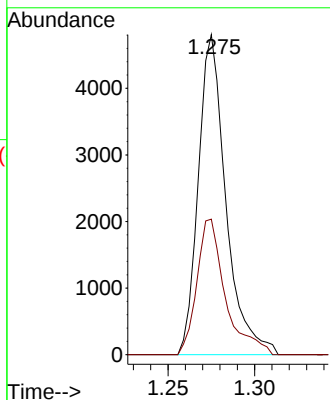
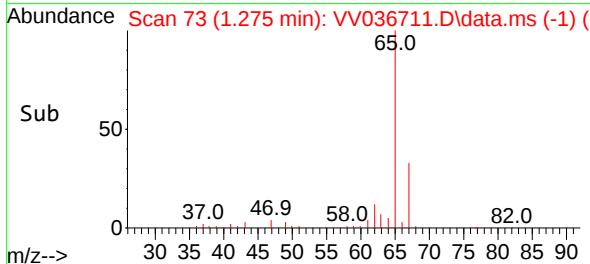
Instrument :
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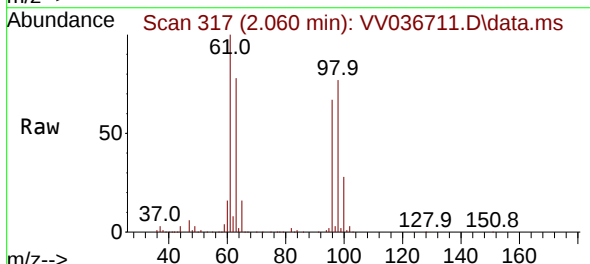
Tgt Ion: 62 Resp: 5310
 Ion Ratio Lower Upper
 62 100
 64 42.4 23.1 42.9

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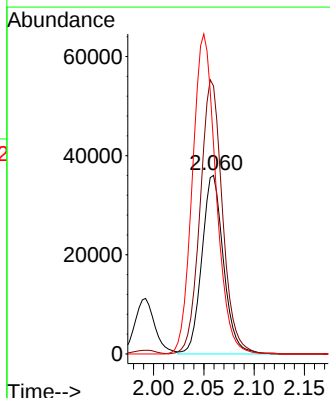
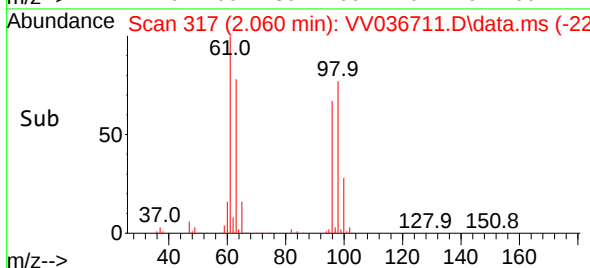
Reviewed By :Romaben Patel 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

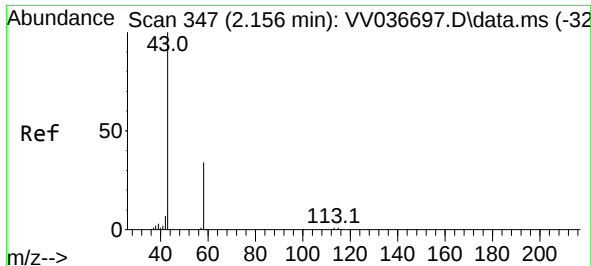


#12
 1,1-Dichloroethene
 Concen: 8.768 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV036711.D
 Acq: 25 Jul 2024 16:46



Tgt Ion: 96 Resp: 53959
 Ion Ratio Lower Upper
 96 100
 61 150.0 102.3 189.9
 63 117.1 64.1 119.1





#13

Acetone

Concen: 4.961 ug/L m

RT: 2.156 min Scan# 347

Delta R.T. 0.000 min

Lab File: VV036711.D

Acq: 25 Jul 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

E20L1

Tgt Ion: 43 Resp: 821

Ion Ratio Lower Upper

43 100

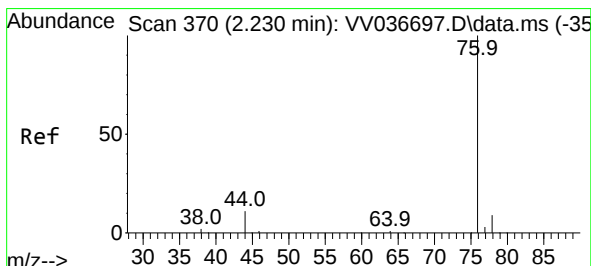
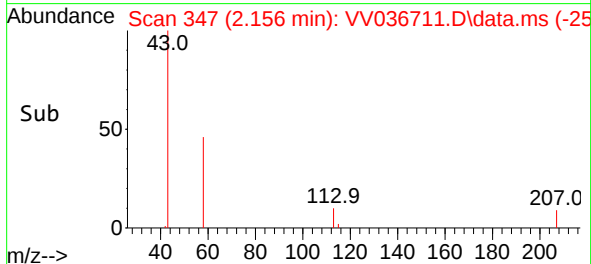
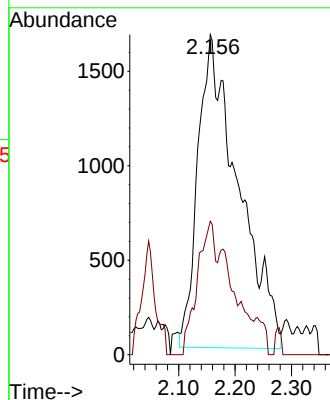
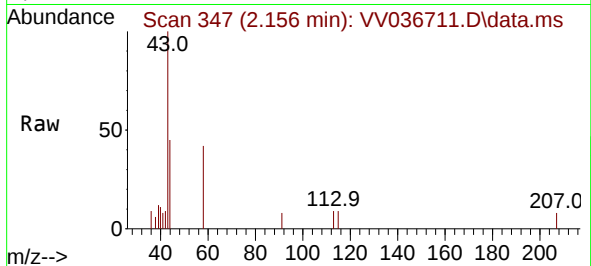
58 2.7 0.0 23.0

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#14

Carbon disulfide

Concen: 1.691 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.000 min

Lab File: VV036711.D

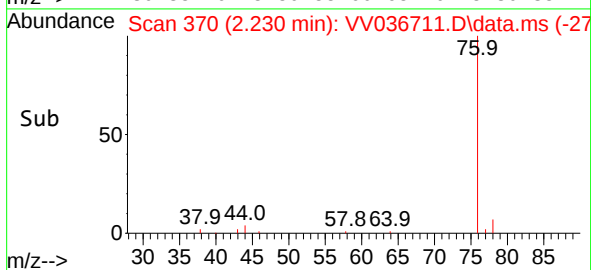
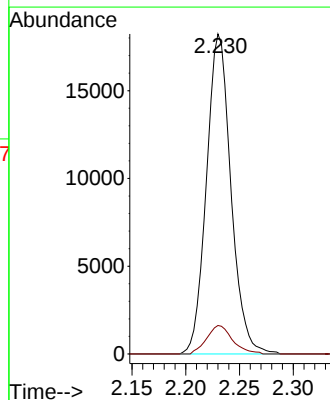
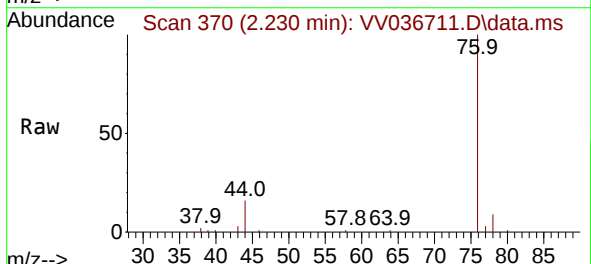
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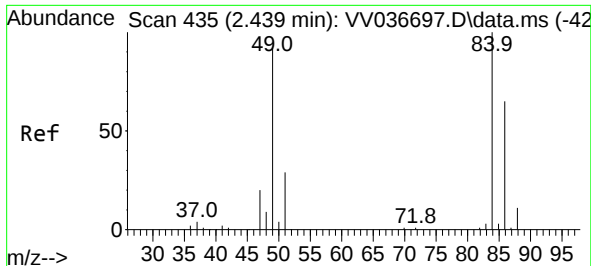
Tgt Ion: 76 Resp: 28886

Ion Ratio Lower Upper

76 100

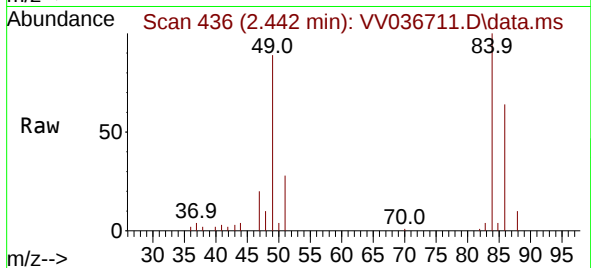
78 8.9 7.5 11.3





#16
Methylene chloride
Concen: 2.766 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036711.D
Acq: 25 Jul 2024 16:46

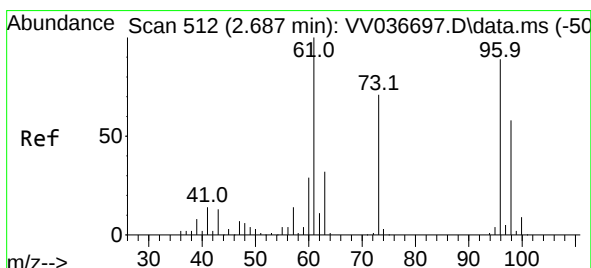
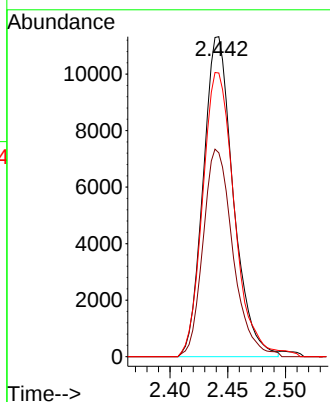
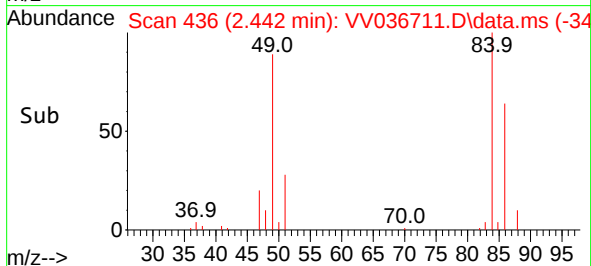
Instrument :
MSVOA_V
ClientSampleId :
E20L1



Tgt Ion: 84 Resp: 20534
Ion Ratio Lower Upper
84 100
86 63.7 47.2 87.6
49 88.6 67.3 125.1

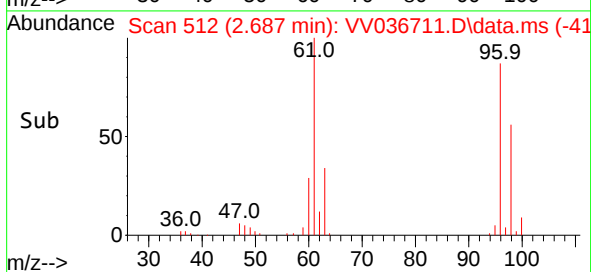
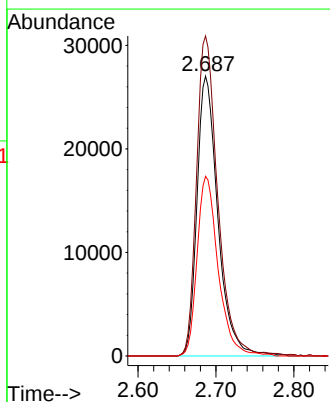
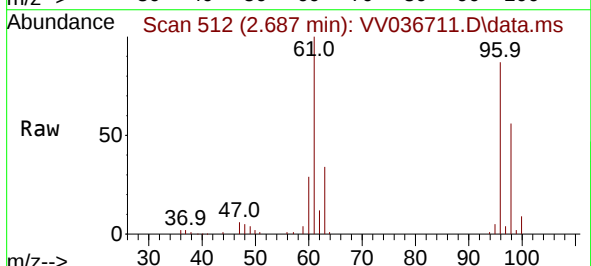
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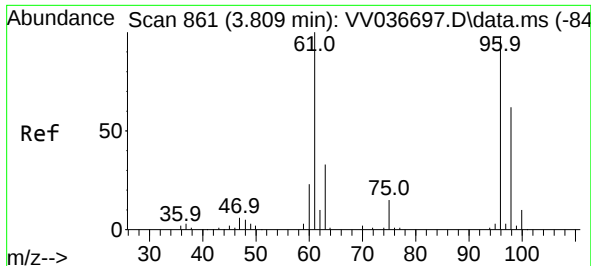
Reviewed By :Romaben Patel 07/26/2024
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#17
trans-1,2-Dichloroethene
Concen: 8.100 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036711.D
Acq: 25 Jul 2024 16:46

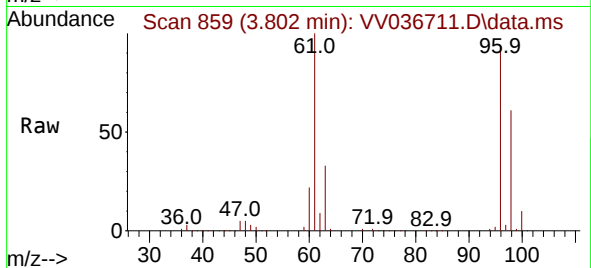
Tgt Ion: 96 Resp: 50341
Ion Ratio Lower Upper
96 100
61 114.3 81.5 151.5
98 64.2 44.3 82.3





#20
cis-1,2-Dichloroethene
Concen: 265.573 ug/L
RT: 3.802 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV036711.D
Acq: 25 Jul 2024 16:46

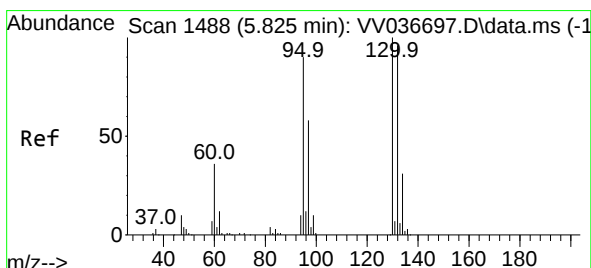
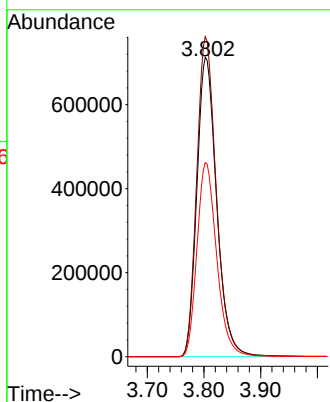
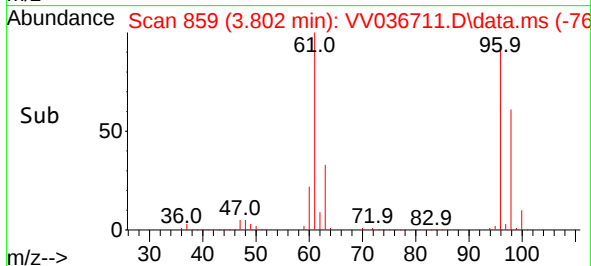
Instrument :
MSVOA_V
ClientSampleId :
E20L1



Tgt Ion: 96 Resp: 1723769
Ion Ratio Lower Upper
96 100
61 106.9 73.0 135.6
98 64.9 44.8 83.2

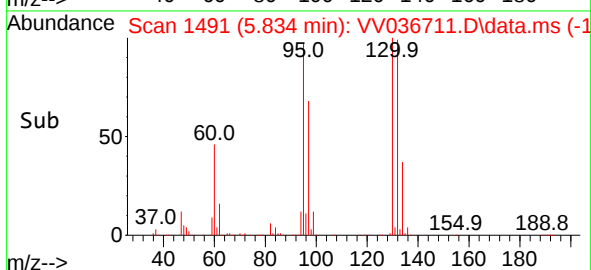
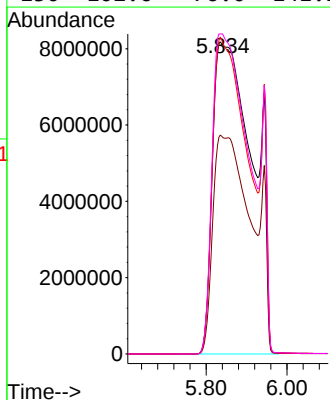
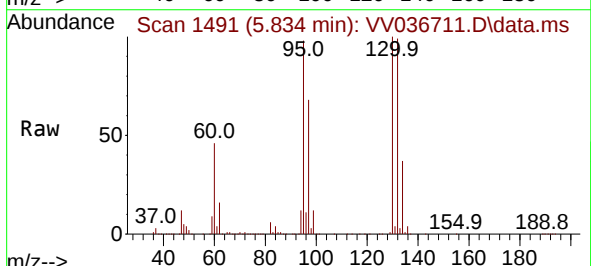
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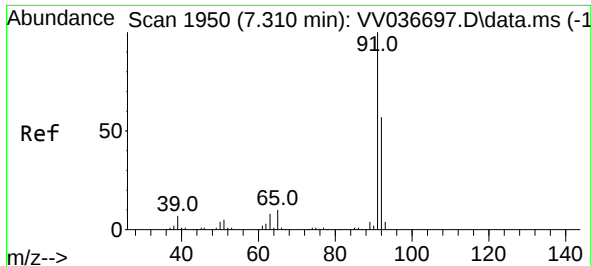
Reviewed By :Romaben Patel 07/26/2024
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#34
Trichloroethene
Concen: 14131.377 ug/L m
RT: 5.834 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV036711.D
Acq: 25 Jul 2024 16:46

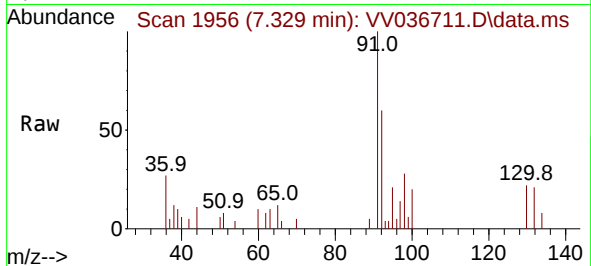
Tgt Ion: 95 Resp:56681843
Ion Ratio Lower Upper
95 100
97 70.1 45.1 83.7
132 101.5 72.7 134.9
130 102.6 76.0 141.2





#42
Toluene
Concen: 0.622 ug/L
RT: 7.329 min Scan# 1950
Delta R.T. 0.019 min
Lab File: VV036711.D
Acq: 25 Jul 2024 16:46

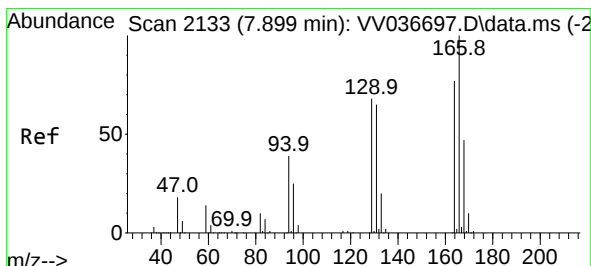
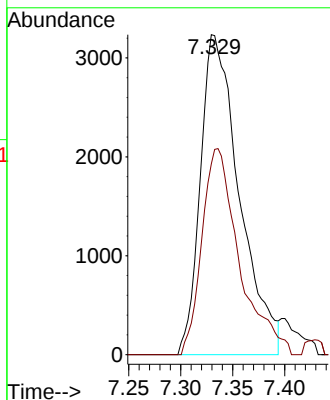
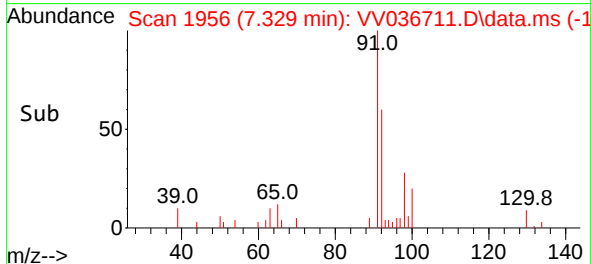
Instrument :
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Tgt Ion: 91 Resp: 844
Ion Ratio Lower Upper
91 100
92 59.6 40.5 75.3

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#46
Tetrachloroethene
Concen: 891.189 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV036711.D
Acq: 25 Jul 2024 16:46

Tgt Ion:164 Resp: 3547138
Ion Ratio Lower Upper
164 100
129 90.3 61.0 113.2
131 87.5 60.1 111.5
166 126.8 89.7 166.7

