

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036703.D
 Acq On : 25 Jul 2024 13:31
 Operator : SY/MD
 Sample : P3276-08RE
 Misc : 9.02g/10mL/MSVOA_V/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20H7RE

Quant Time: Jul 26 05:01:34 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	434968	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	357304	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	97039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	49675	10.427	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	41.720%		
7) Chloroethane-d5	1.529	69	57417	13.344	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.360%		
11) 1,1-Dichloroethene-d2	2.050	65	26404	10.482	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	41.920%#		
21) 2-Butanone-d5	3.815	46	56436m	50.761	ug/L	-0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.520%		
24) Chloroform-d	4.246	84	193215	16.796	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	67.200%		
26) 1,2-Dichloroethane-d4	4.941	65	102838	18.120	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	72.480%		
32) Benzene-d6	4.957	84	264572	15.623	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	62.480%		
36) 1,2-Dichloropropane-d6	5.986	67	100998	20.932	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.720%		
41) Toluene-d8	7.243	98	192198	11.893	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	47.560%		
43) trans-1,3-Dichloroprop...	7.558	79	32702	15.246	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	61.000%		
47) 2-Hexanone-d5	8.034	63	26661	41.519	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.040%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	106852	25.408	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.640%		
66) 1,2-Dichlorobenzene-d4	11.558	152	80944	23.895	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	34869	4.968	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3872	0.511	ug/L #	28
12) 1,1-Dichloroethene	2.063	96	1308906	195.059	ug/L #	81
13) Acetone	2.153	43	8225m	4.554	ug/L	
16) Methylene chloride	2.442	84	23416	2.893	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	11089	1.636	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	1890273	267.089	ug/L	99
34) Trichloroethene	5.825	95	1172078	176.507	ug/L	98

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

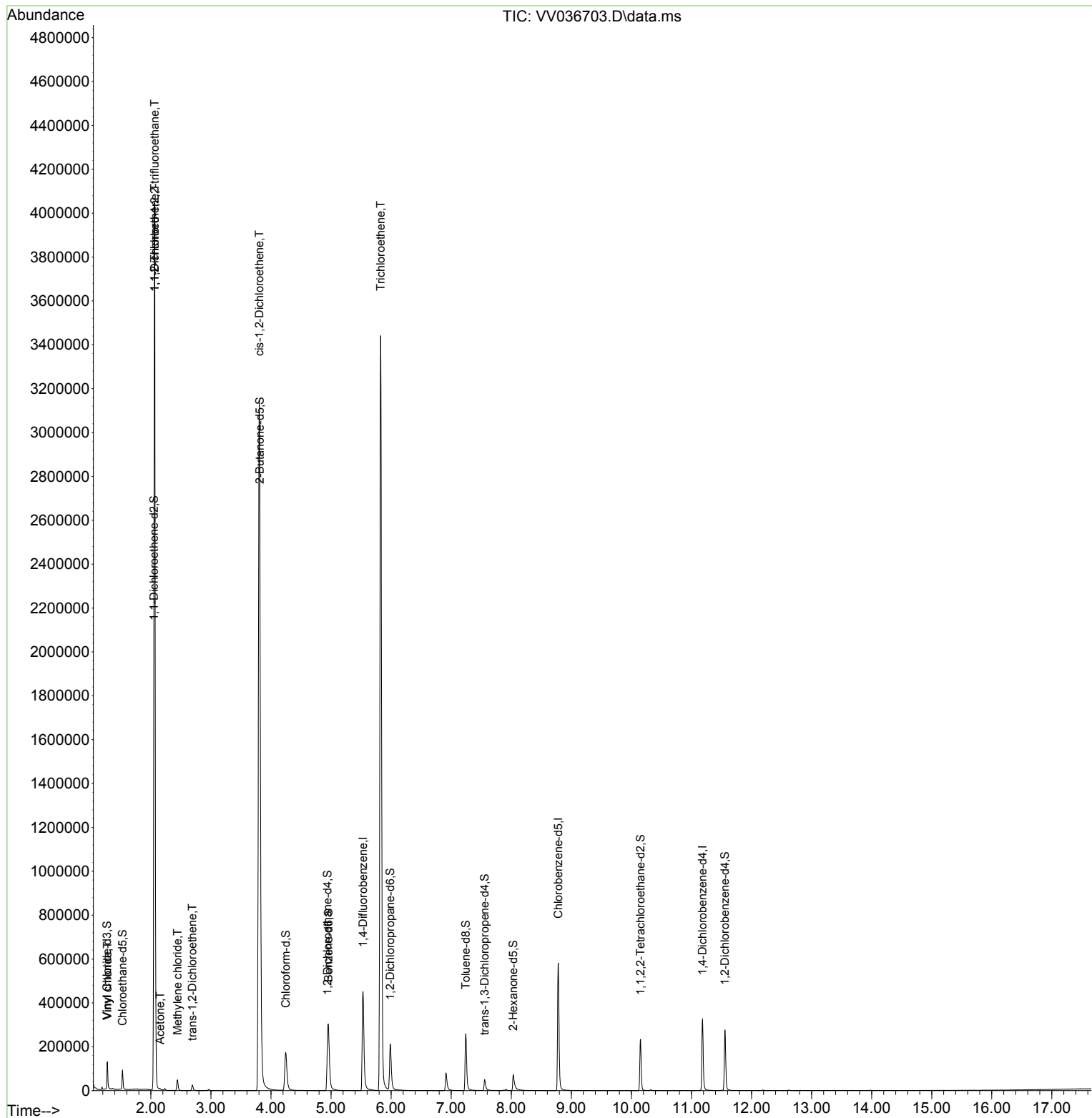
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036703.D
Acq On : 25 Jul 2024 13:31
Operator : SY/MD
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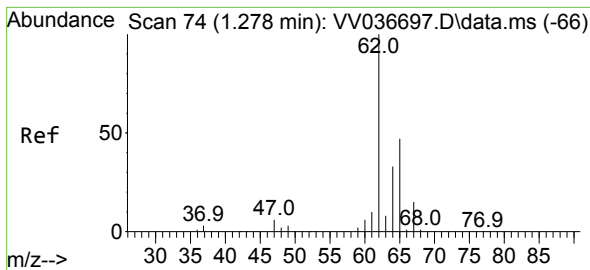
Instrument :
MSVOA_V
ClientSampleId :
E20H7RE

Quant Time: Jul 26 05:01:34 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

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#5

Vinyl chloride

Concen: 4.968 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV036703.D

Acq: 25 Jul 2024 13:31

Instrument :

MSVOA_V

ClientSampleId :

E20H7RE

Tgt Ion: 62 Resp: 3486

Ion Ratio Lower Upper

62 100

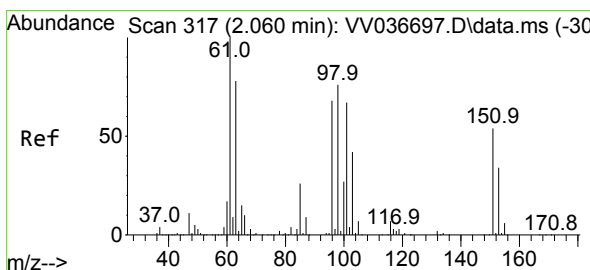
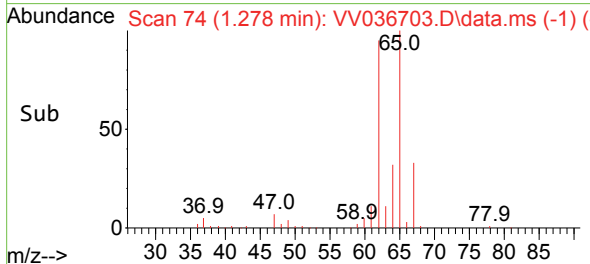
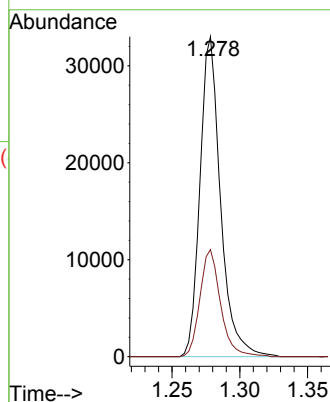
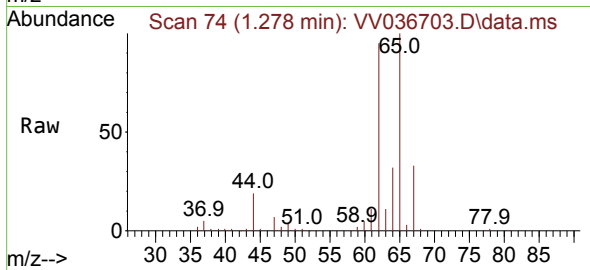
64 33.5 23.1 42.9

Manual Integrations

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.511 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV036703.D

Acq: 25 Jul 2024 13:31

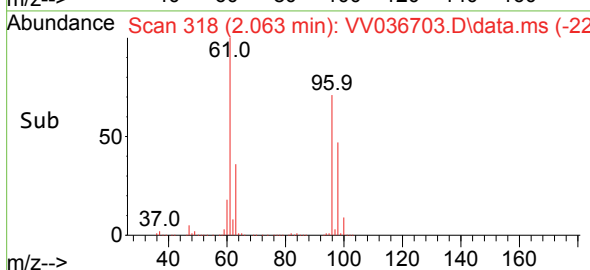
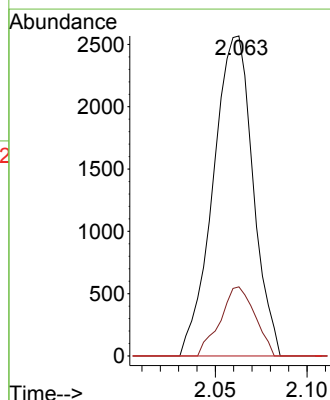
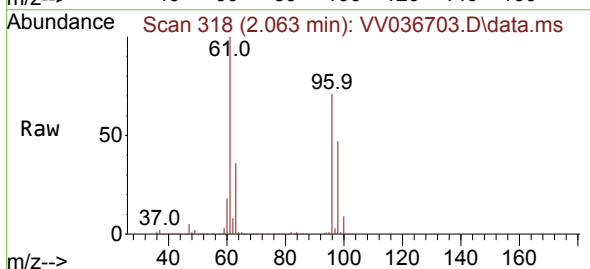
Tgt Ion:101 Resp: 3872

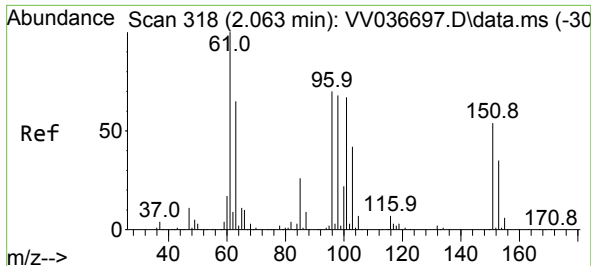
Ion Ratio Lower Upper

101 100

85 18.8 32.4 48.6#

151 0.0 64.9 97.3#





#12

1,1-Dichloroethene

Concen: 195.059 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV036703.D

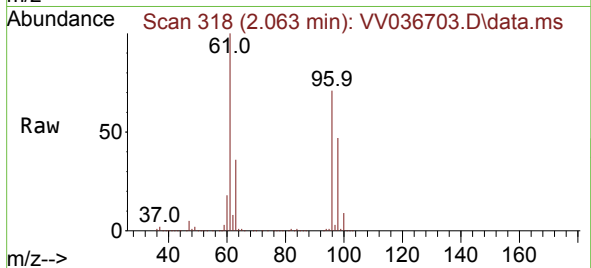
Acq: 25 Jul 2024 13:31

Instrument :

MSVOA_V

ClientSampleId :

E20H7RE



Tgt Ion: 96 Resp: 1308900

Ion Ratio Lower Upper

96 100

61 141.8 102.3 189.9

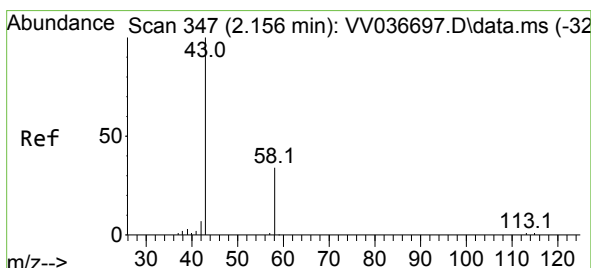
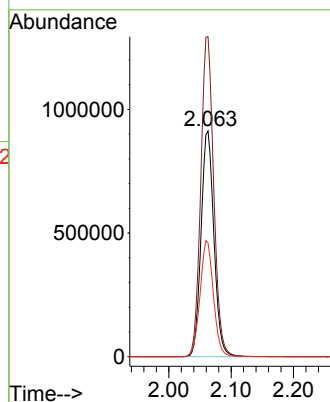
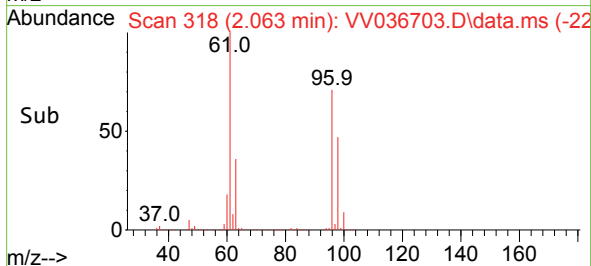
63 50.4 64.1 119.1

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#13

Acetone

Concen: 4.554 ug/L m

RT: 2.153 min Scan# 346

Delta R.T. -0.003 min

Lab File: VV036703.D

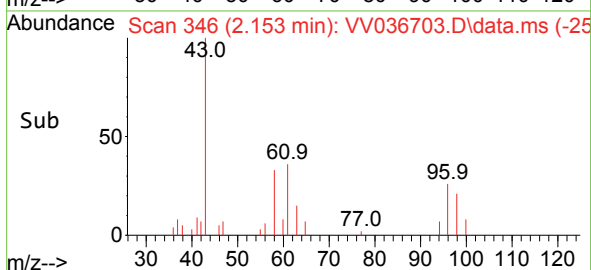
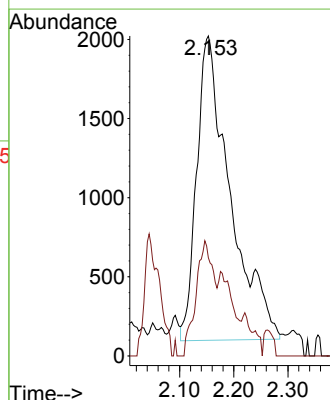
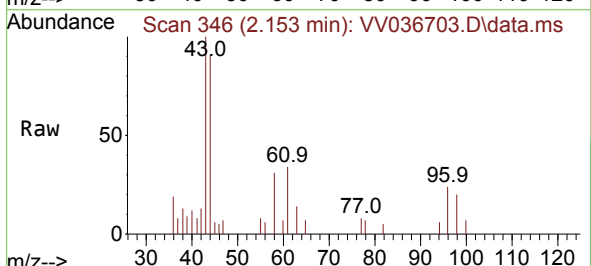
Acq: 25 Jul 2024 13:31

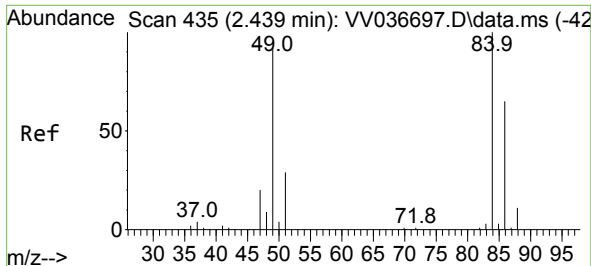
Tgt Ion: 43 Resp: 8225

Ion Ratio Lower Upper

43 100

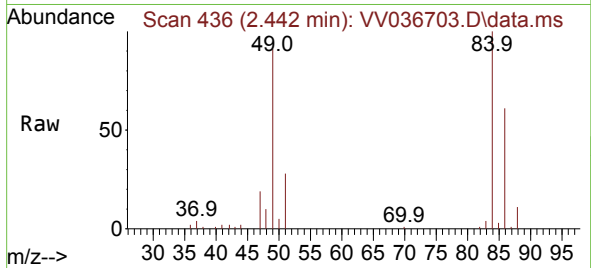
58 0.9 0.0 23.0





#16
Methylene chloride
Concen: 2.893 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036703.D
Acq: 25 Jul 2024 13:31

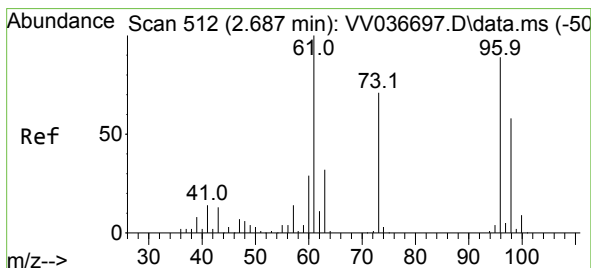
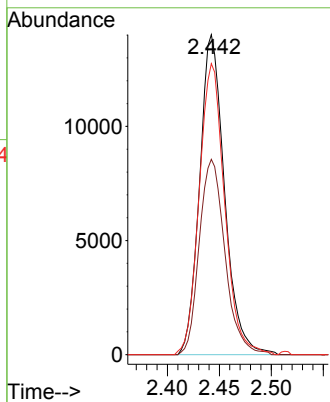
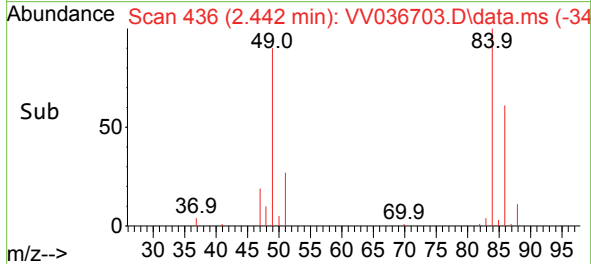
Instrument :
MSVOA_V
ClientSampleId :
E20H7RE



Tgt Ion: 84 Resp: 23410
Ion Ratio Lower Upper
84 100
86 61.0 47.2 87.6
49 90.9 67.3 125.1

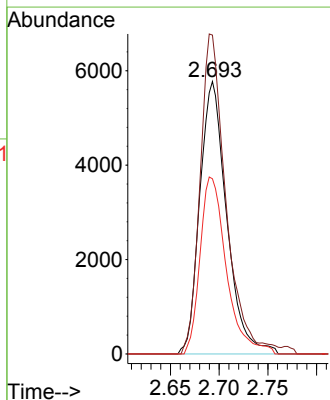
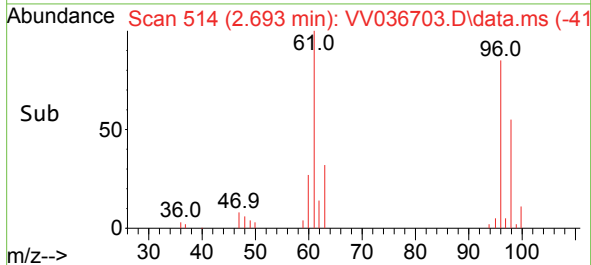
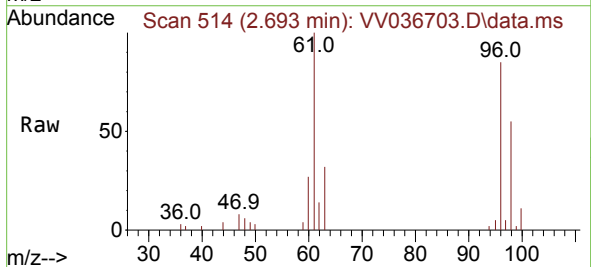
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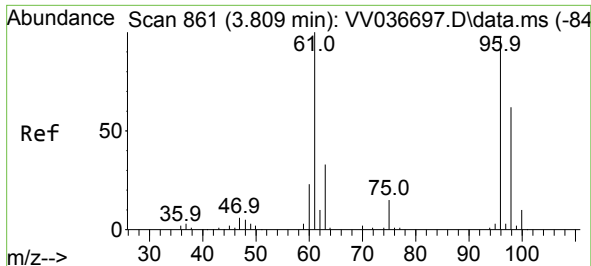
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#17
trans-1,2-Dichloroethene
Concen: 1.636 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.010 min
Lab File: VV036703.D
Acq: 25 Jul 2024 13:31

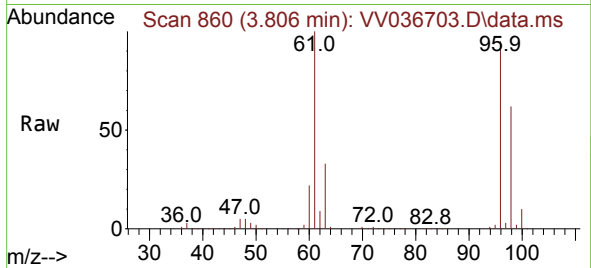
Tgt Ion: 96 Resp: 11089
Ion Ratio Lower Upper
96 100
61 117.1 81.5 151.5
98 64.3 44.3 82.3





#20
cis-1,2-Dichloroethene
Concen: 267.089 ug/L
RT: 3.806 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV036703.D
Acq: 25 Jul 2024 13:31

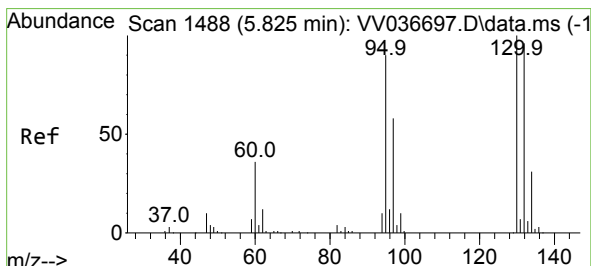
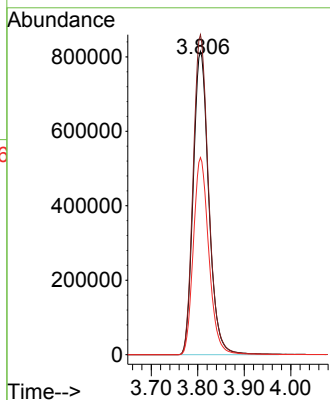
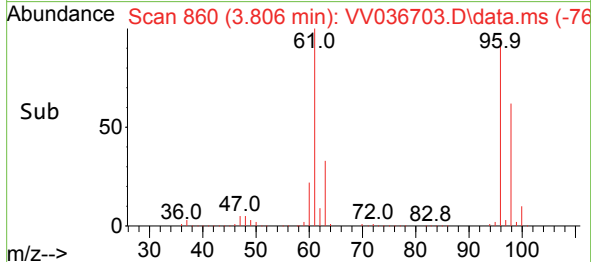
Instrument :
MSVOA_V
ClientSampleId :
E20H7RE



Tgt Ion: 96 Resp: 189027
Ion Ratio Lower Upper
96 100
61 105.5 73.0 135.6
98 65.0 44.8 83.2

Manual Integrations
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#34
Trichloroethene
Concen: 176.507 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV036703.D
Acq: 25 Jul 2024 13:31

Tgt Ion: 95 Resp: 1172078
Ion Ratio Lower Upper
95 100
97 65.1 45.1 83.7
132 106.8 72.7 134.9
130 110.9 76.0 141.2

