

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036714.D
 Acq On : 25 Jul 2024 17:55
 Operator : SY/MD
 Sample : P3328-16
 Misc : 9.17g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20L9

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 05:02:52 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	5.532	114	370084	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	193146	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	27723	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	58797	14.506	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.040%		
7) Chloroethane-d5	1.526	69	69899	19.093	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.360%		
11) 1,1-Dichloroethene-d2	2.047	65	29675	13.846	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.400%		
21) 2-Butanone-d5	3.809	46	79274m	83.803	ug/L	-0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	167.600%#		
24) Chloroform-d	4.243	84	206720	21.120	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.480%		
26) 1,2-Dichloroethane-d4	4.937	65	114623	23.738	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.960%		
32) Benzene-d6	4.953	84	285380	31.175	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	124.720%		
36) 1,2-Dichloropropane-d6	5.989	67	97793	37.493	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	149.960%#		
41) Toluene-d8	7.243	98	155724	17.826	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.320%		
43) trans-1,3-Dichloroprop...	7.558	79	34477	29.734	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	118.920%		
47) 2-Hexanone-d5	8.031	63	37631	108.409	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	216.820%#		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	70664	31.084	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	124.320%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	23387	24.166	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.680%		
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	47333	7.927	ug/L	98
12) 1,1-Dichloroethene	2.060	96	8083	1.416	ug/L #	1
16) Methylene chloride	2.439	84	107880	15.667	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	119488	20.723	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	10064807	1671.455	ug/L	96
34) Trichloroethene	5.834	95	23424921	6525.844	ug/L	96
42) Toluene	7.333	91	10580	0.871	ug/L	90
45) 1,1,2-Trichloroethane	7.770	97	26606	10.807	ug/L	93
46) Tetrachloroethene	7.908	164	2169	0.609	ug/L	91

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

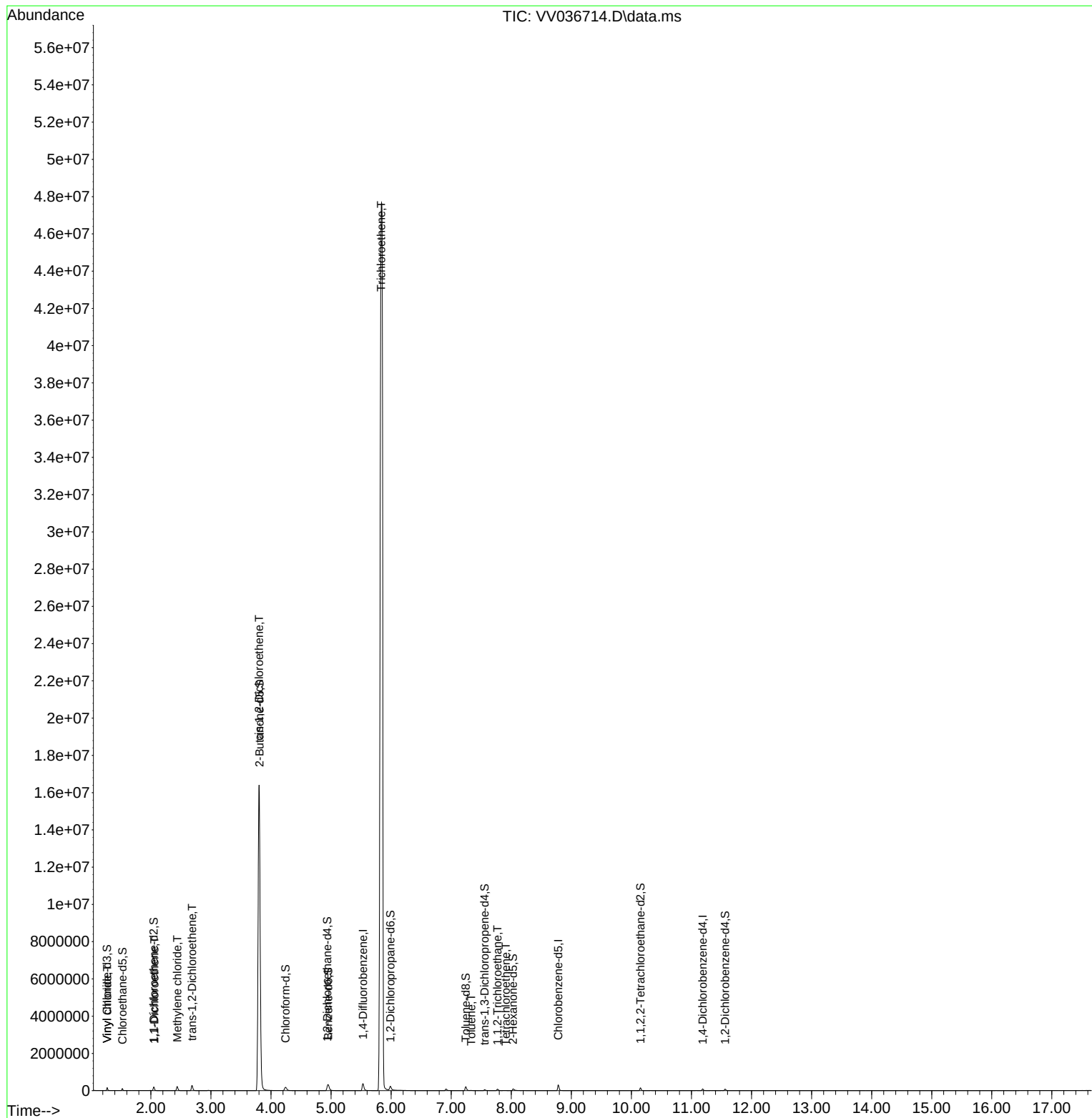
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036714.D
Acq On : 25 Jul 2024 17:55
Operator : SY/MD
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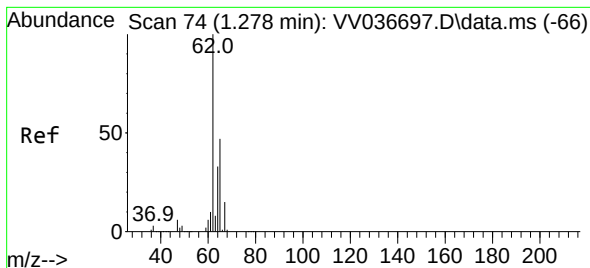
Instrument :
MSVOA_V
ClientSampleId :
E20L9

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Quant Time: Jul 26 05:02:52 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: 7.927 ug/L

RT: 1.275 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV036714.D

Acq: 25 Jul 2024 17:55

Instrument :

MSVOA_V

ClientSampleId :

E20L9

Tgt Ion: 62 Resp: 4733

Ion Ratio Lower Upper

62 100

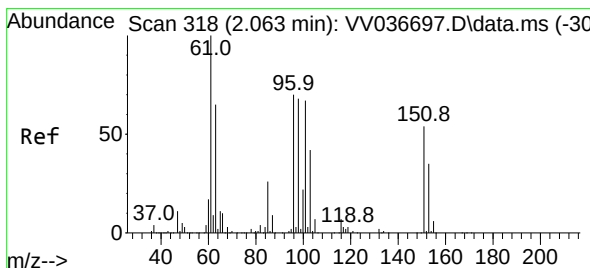
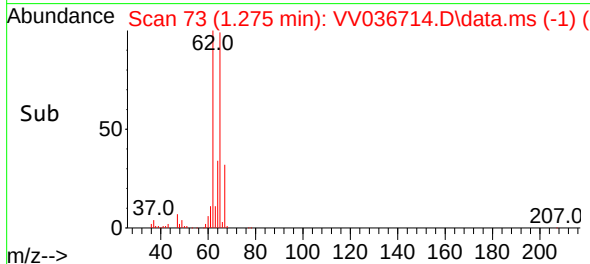
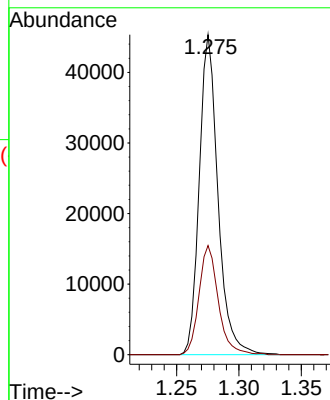
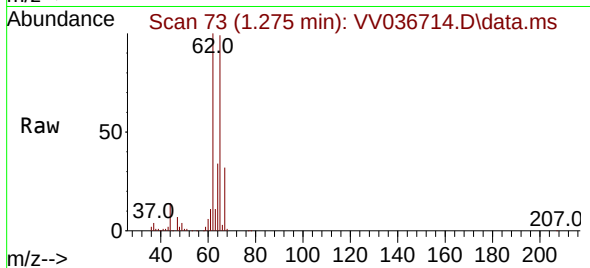
64 34.1 23.1 42.9

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 1.416 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036714.D

Acq: 25 Jul 2024 17:55

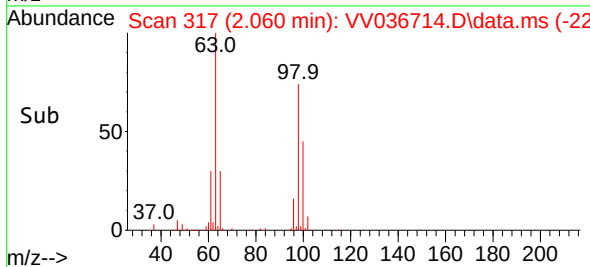
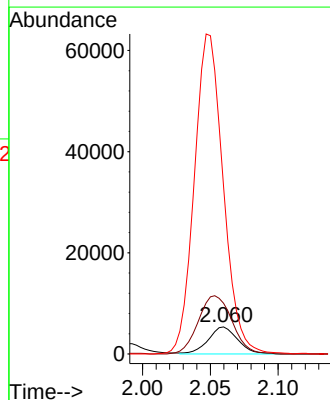
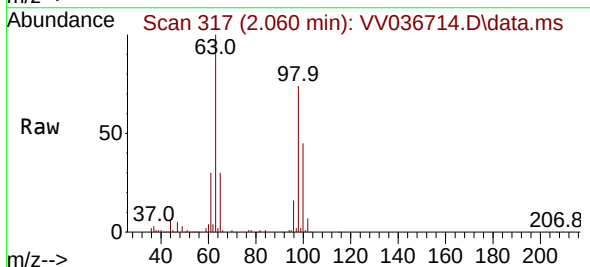
Tgt Ion: 96 Resp: 8083

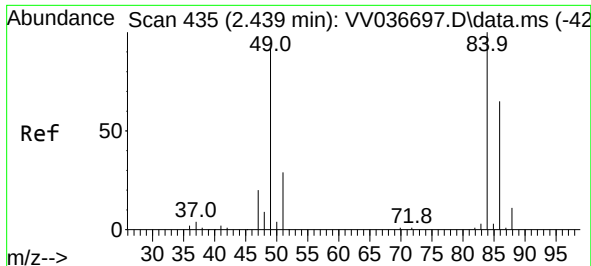
Ion Ratio Lower Upper

96 100

61 187.7 102.3 189.9

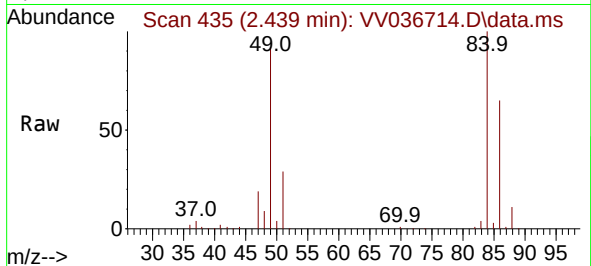
63 619.4 64.1 119.1#





#16
Methylene chloride
Concen: 15.667 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036714.D
Acq: 25 Jul 2024 17:55

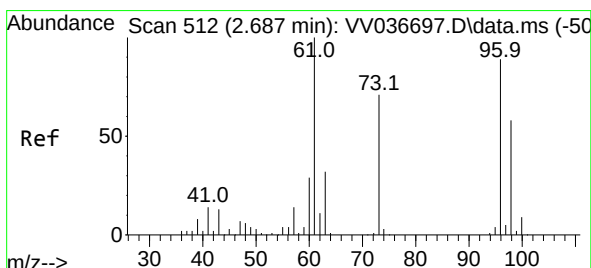
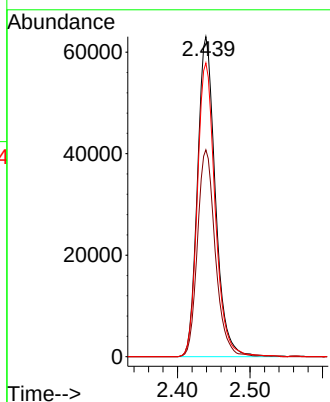
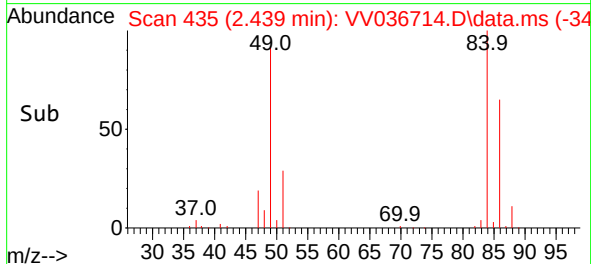
Instrument :
MSVOA_V
ClientSampleId :
E20L9



Tgt Ion: 84 Resp: 107880
Ion Ratio Lower Upper
84 100
86 64.7 47.2 87.6
49 91.8 67.3 125.1

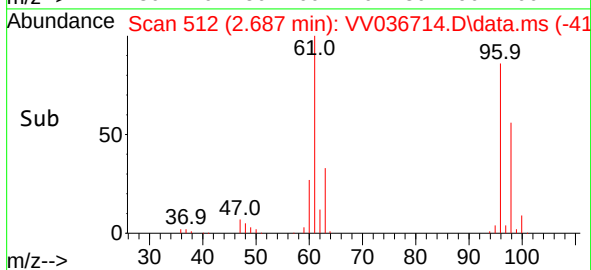
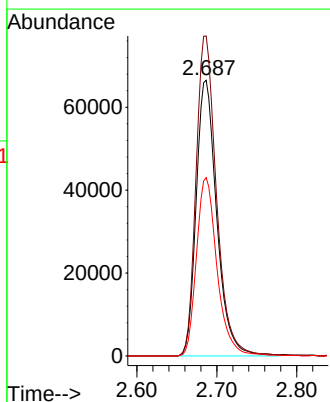
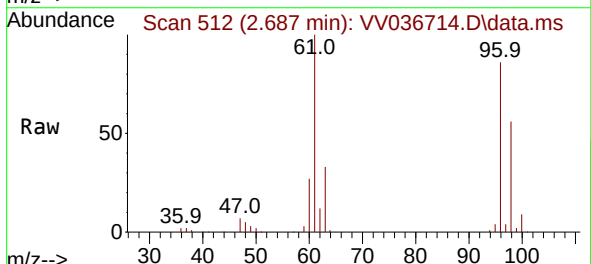
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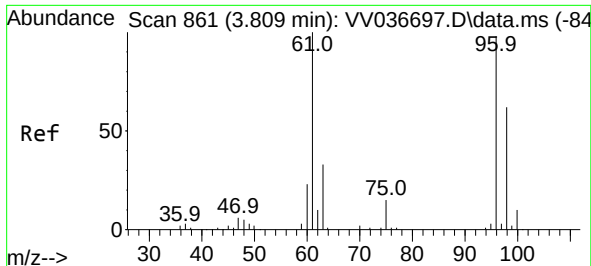
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#17
trans-1,2-Dichloroethene
Concen: 20.723 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036714.D
Acq: 25 Jul 2024 17:55

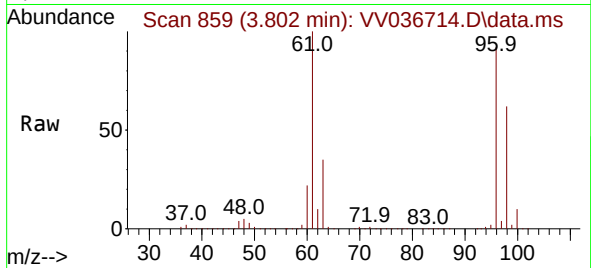
Tgt Ion: 96 Resp: 119488
Ion Ratio Lower Upper
96 100
61 116.1 81.5 151.5
98 64.7 44.3 82.3





#20
cis-1,2-Dichloroethene
Concen: 1671.455 ug/L
RT: 3.802 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV036714.D
Acq: 25 Jul 2024 17:55

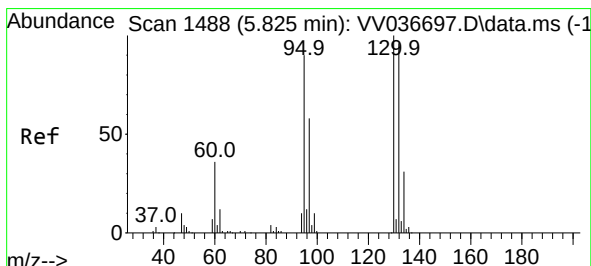
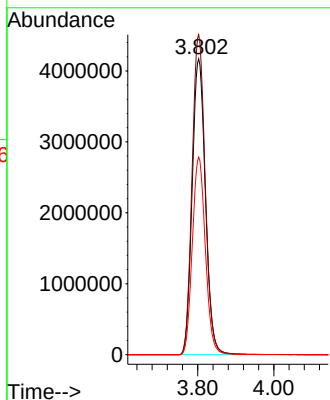
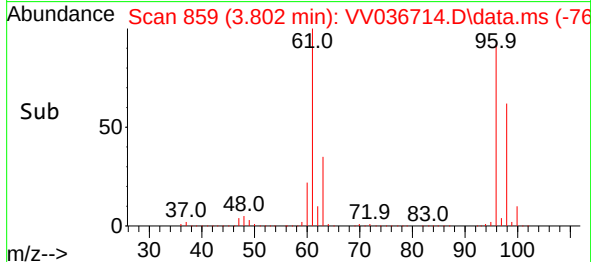
Instrument :
MSVOA_V
ClientSampleId :
E20L9



Tgt Ion: 96 Resp:1006480
Ion Ratio Lower Upper
96 100
61 108.2 73.0 135.6
98 66.8 44.8 83.2

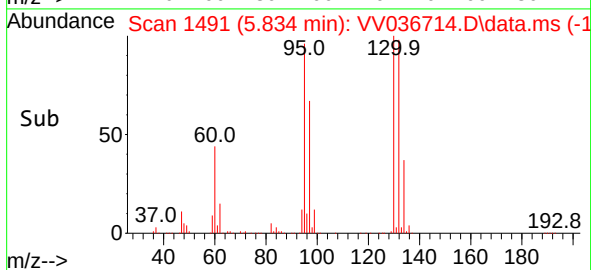
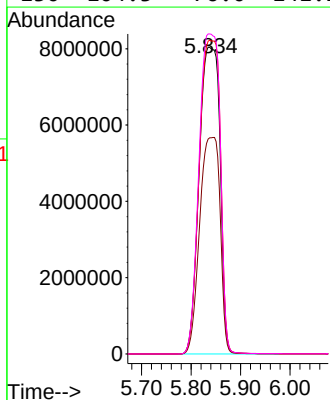
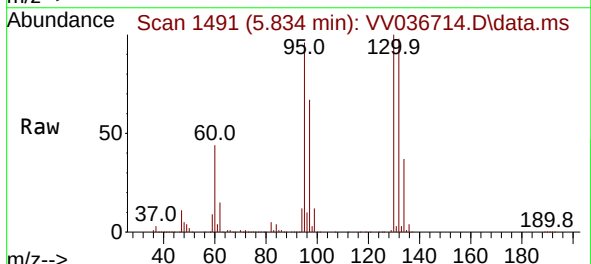
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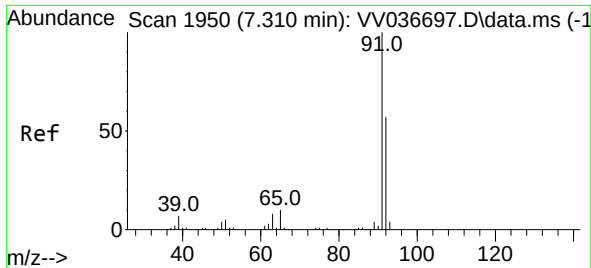
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#34
Trichloroethene
Concen: 6525.844 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV036714.D
Acq: 25 Jul 2024 17:55

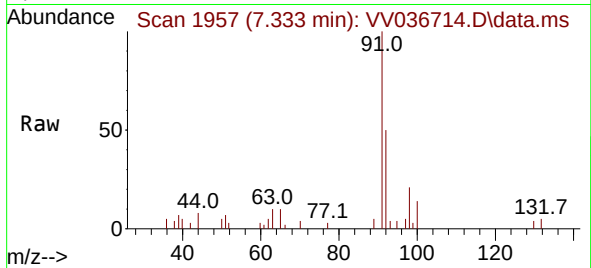
Tgt Ion: 95 Resp:23424921
Ion Ratio Lower Upper
95 100
97 70.1 45.1 83.7
132 101.9 72.7 134.9
130 104.3 76.0 141.2





#42
Toluene
Concen: 0.871 ug/L
RT: 7.333 min Scan# 1957
Delta R.T. 0.023 min
Lab File: VV036714.D
Acq: 25 Jul 2024 17:55

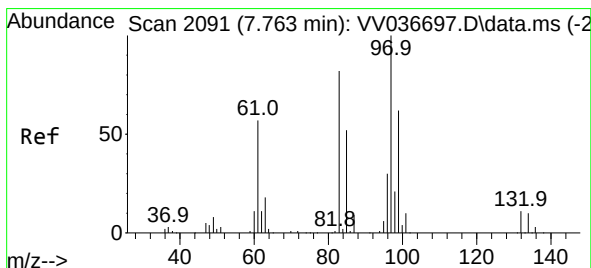
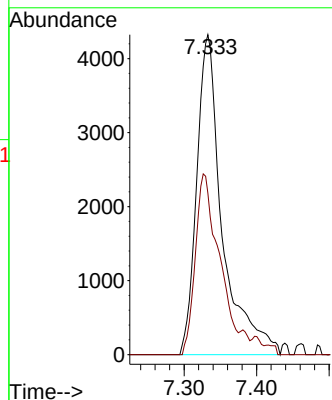
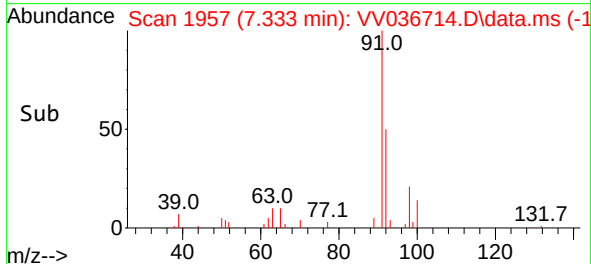
Instrument :
MSVOA_V
ClientSampleId :
E20L9



Tgt Ion: 91 Resp: 10580
Ion Ratio Lower Upper
91 100
92 50.4 40.5 75.3

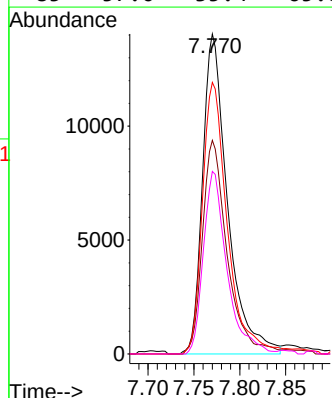
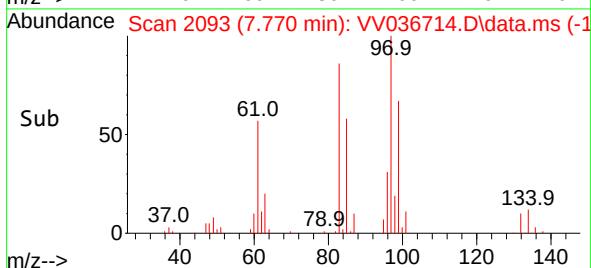
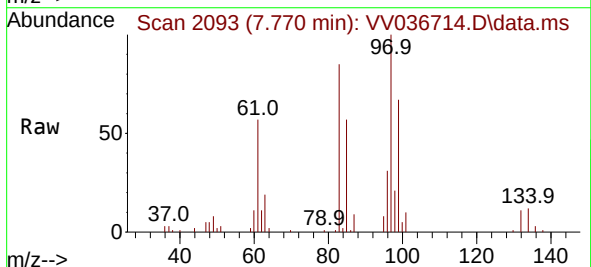
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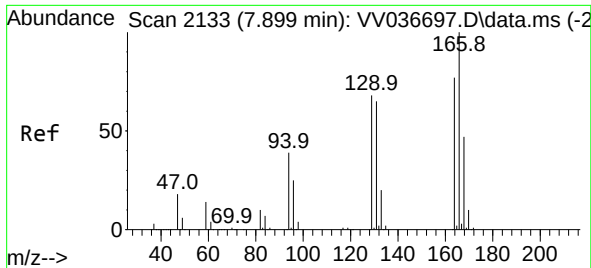
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#45
1,1,2-Trichloroethane
Concen: 10.807 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.007 min
Lab File: VV036714.D
Acq: 25 Jul 2024 17:55

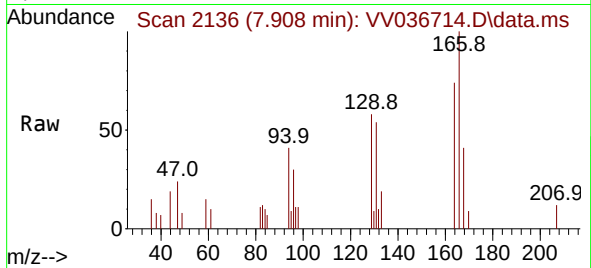
Tgt Ion: 97 Resp: 26606
Ion Ratio Lower Upper
97 100
99 66.8 43.5 80.7
83 84.8 55.4 103.0
85 57.0 35.4 65.8





#46
Tetrachloroethene
Concen: 0.609 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.010 min
Lab File: VV036714.D
Acq: 25 Jul 2024 17:55

Instrument :
MSVOA_V
ClientSampleId :
E20L9



Tgt Ion:	164	Resp:	2169
Ion	Ratio	Lower	Upper
164	100		
129	78.6	61.0	113.2
131	73.3	60.1	111.5
166	135.7	89.7	166.7

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