

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
 Data File : VV023599.D
 Acq On : 18 Nov 2021 13:12
 Operator : SY/MD
 Sample : M4642-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 X3802

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/19/2021

Quant Time: Nov 19 02:12:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118556	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58793	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39117	5.267	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.400%	
7) Chloroethane-d5	1.568	69	30583	5.052	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.108	63	66754	4.801	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.000%	
20) 2-Butanone-d5	3.902	46	52859m	41.311	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.620%	
24) Chloroform-d	4.352	84	69552	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.037	65	33490	4.705	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.050	84	134836	4.255	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	6.069	67	39168	4.198	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.317	98	124424	4.190	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.625	79	14936	4.222	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.092	63	55042	42.290	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28024	4.177	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47341	4.836	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						Qvalue
8) Chloroethane	1.584	64	31821	5.617	ug/L	98
9) Trichlorofluoromethane	1.751	101	104658	7.096	ug/L	97
12) 1,1-Dichloroethene	2.118	96	26604	3.763	ug/L	95
16) Methylene chloride	2.510	84	5763	0.559	ug/L	92
34) Trichloroethene	5.915	95	71841	7.825	ug/L	96
37) 1,2-Dichloropropane	6.172	63	93903	11.651	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	40711	10.891	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	11617	2.006	ug/L	100
47) Tetrachloroethene	7.976	164	98058	12.324	ug/L	98
48) 2-Hexanone	8.146	43	66372	25.340	ug/L	99
55) Styrene	9.561	104	125069	5.092	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	73676	4.185	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	176871	11.466	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	87572	8.102	ug/L	99

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

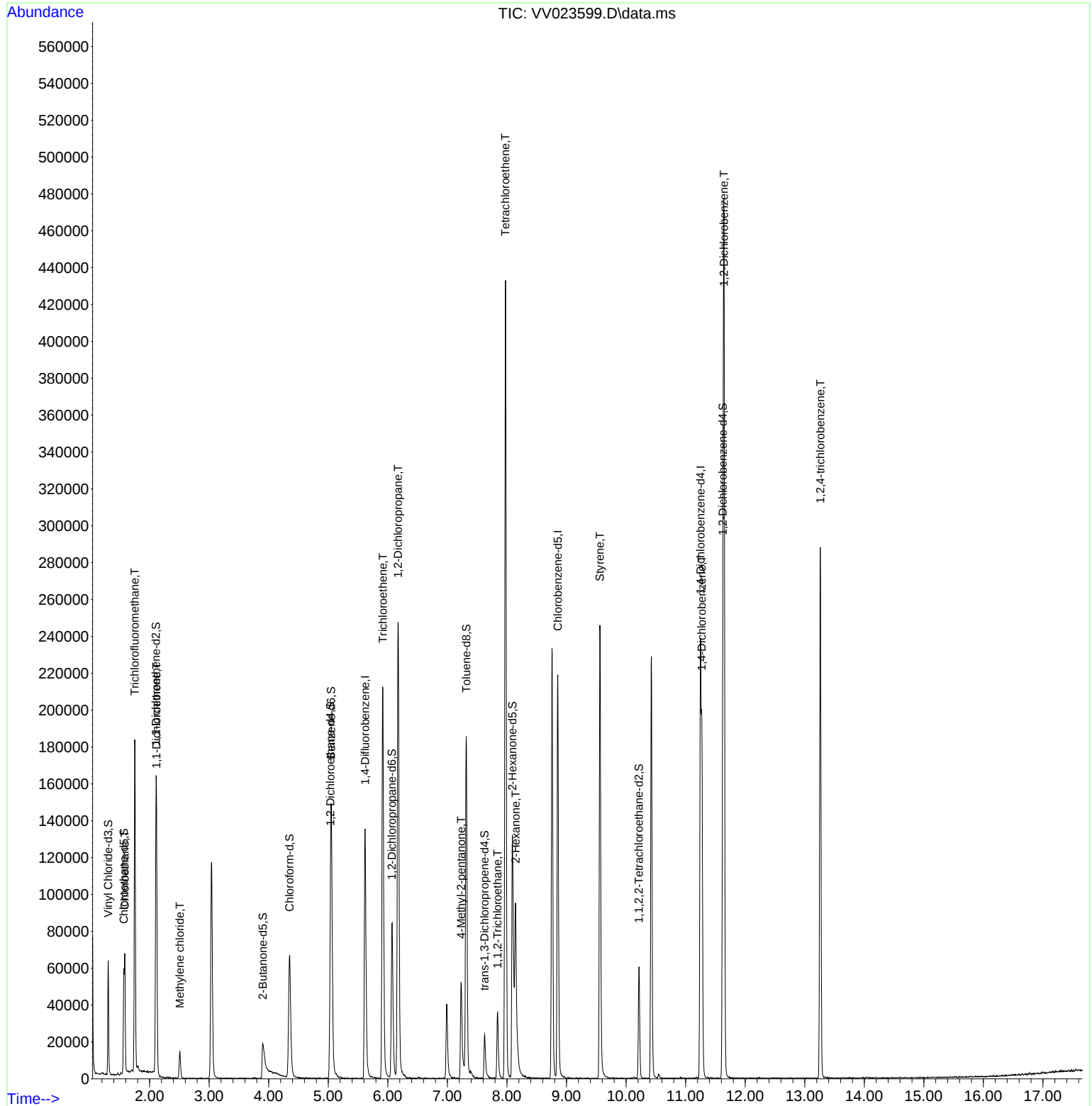
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023599.D
Acq On : 18 Nov 2021 13:12
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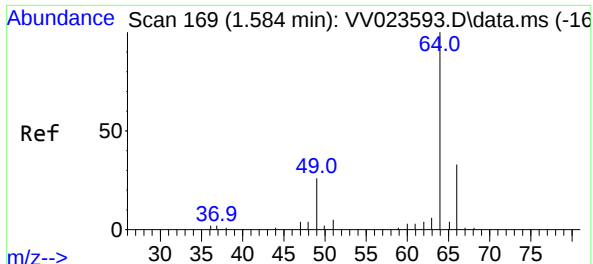
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
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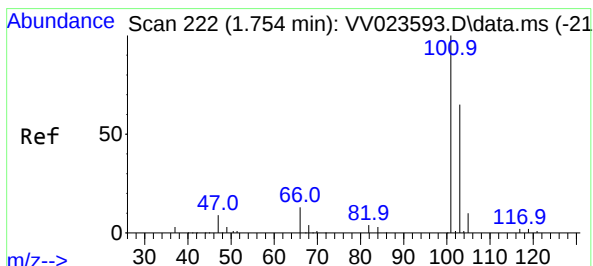
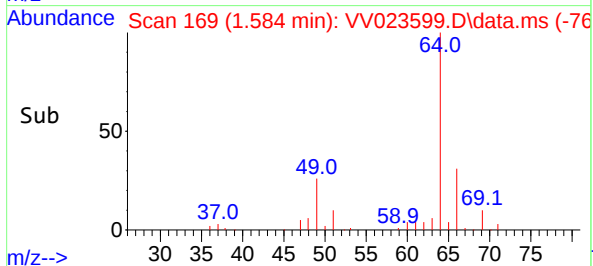
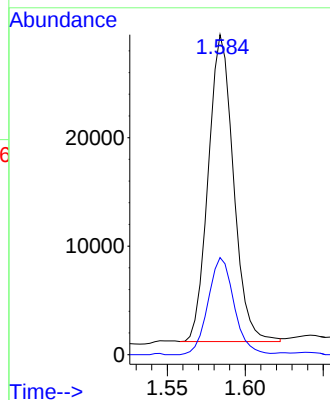
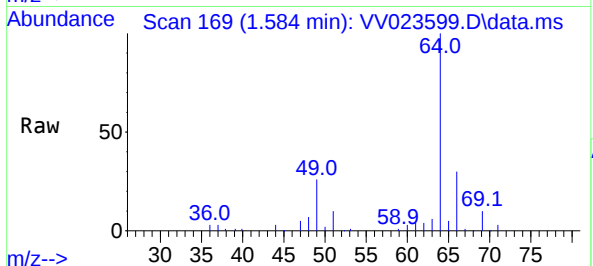
#8
Chloroethane
Concen: 5.617 ug/L
RT: 1.584 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023599.D
Acq: 18 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
X3802

Tgt Ion: 64 Resp: 3182
Ion Ratio Lower Upper
64 100
66 30.3 22.1 41.1

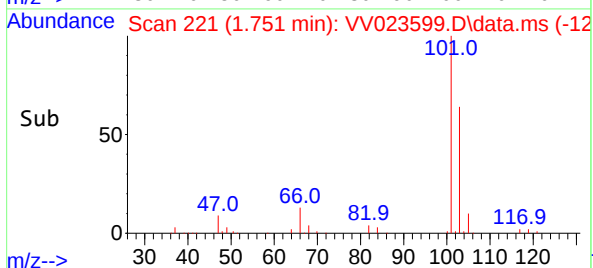
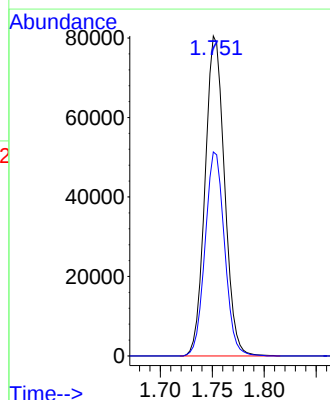
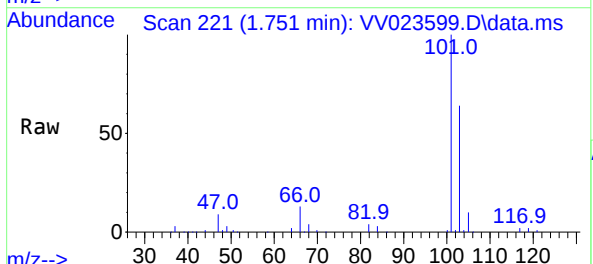
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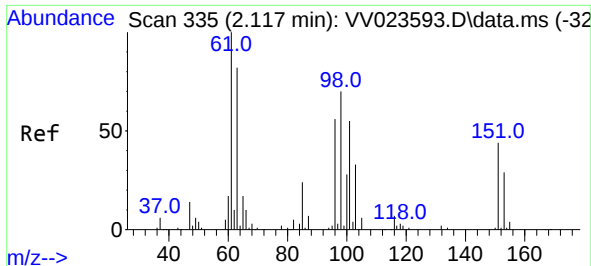
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#9
Trichlorofluoromethane
Concen: 7.096 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023599.D
Acq: 18 Nov 2021 13:12

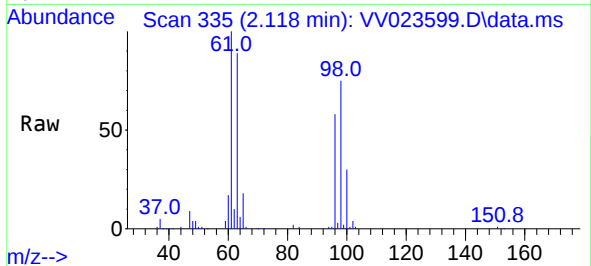
Tgt Ion:101 Resp: 104658
Ion Ratio Lower Upper
101 100
103 63.6 52.6 79.0





#12
1,1-Dichloroethene
Concen: 3.763 ug/L
RT: 2.118 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023599.D
Acq: 18 Nov 2021 13:12

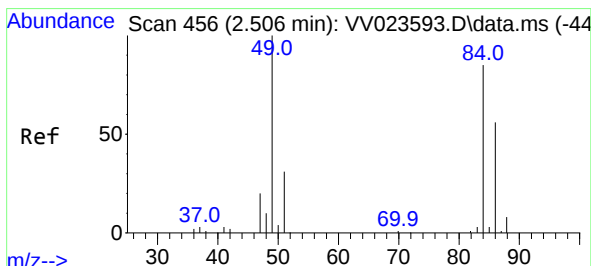
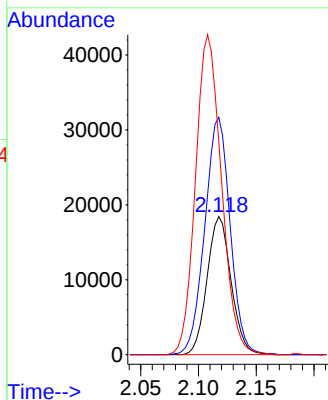
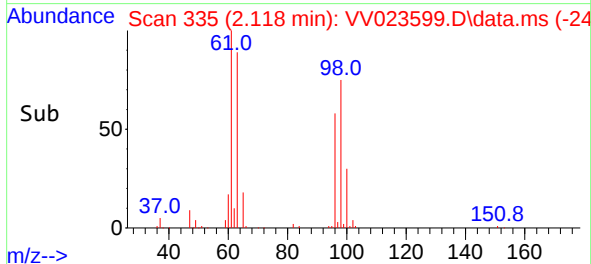
Instrument :
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X3802



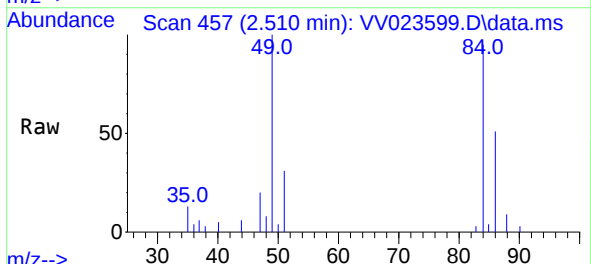
Tgt Ion: 96 Resp: 26604
Ion Ratio Lower Upper
96 100
61 171.8 121.5 225.7
63 153.5 99.6 185.0

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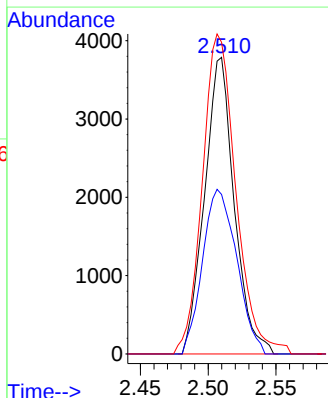
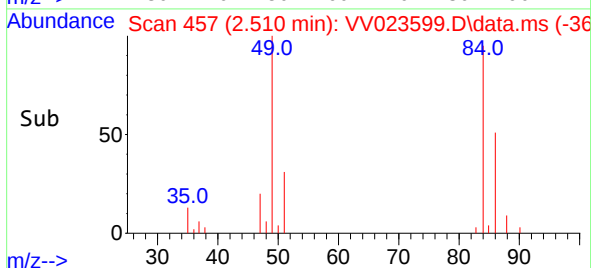
Reviewed By :John Carlone 11/19/2021
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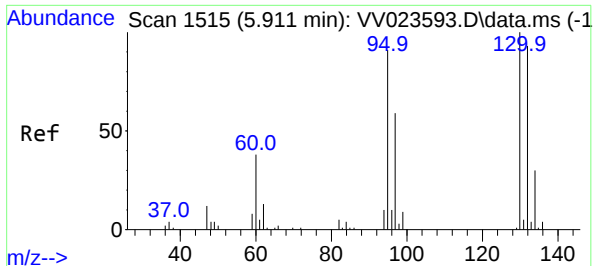


#16
Methylene chloride
Concen: 0.559 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023599.D
Acq: 18 Nov 2021 13:12



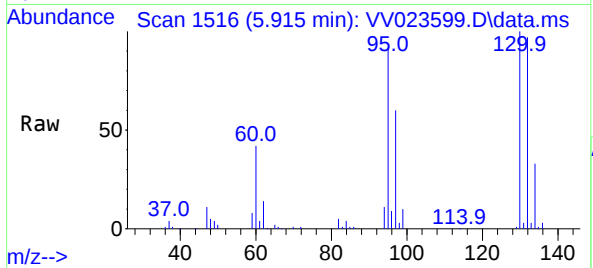
Tgt Ion: 84 Resp: 5763
Ion Ratio Lower Upper
84 100
86 53.8 42.3 78.5
49 105.1 79.7 148.1





#34
Trichloroethene
Concen: 7.825 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023599.D
Acq: 18 Nov 2021 13:12

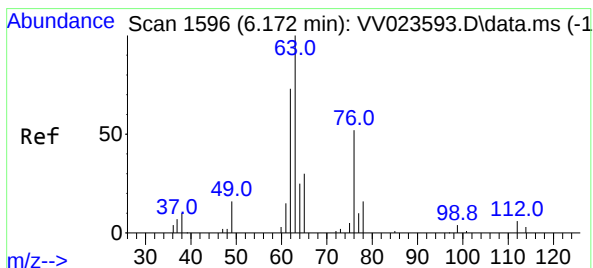
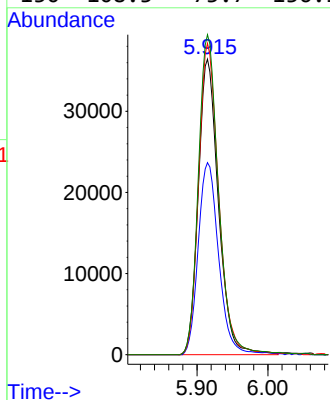
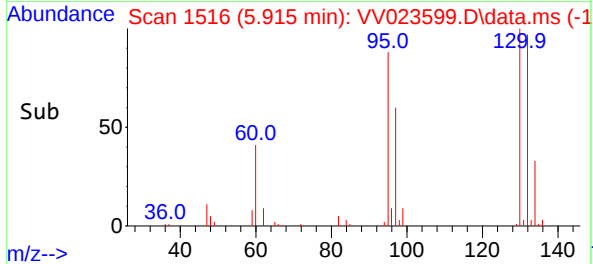
Instrument :
MSVOA_V
ClientSampleId :
X3802



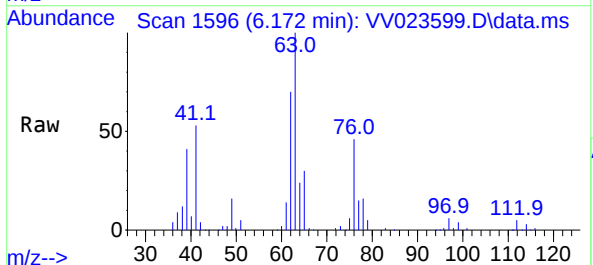
Tgt Ion: 95 Resp: 7184
Ion Ratio Lower Upper
95 100
97 65.0 45.0 83.6
132 105.4 69.7 129.4
130 108.3 73.7 136.9

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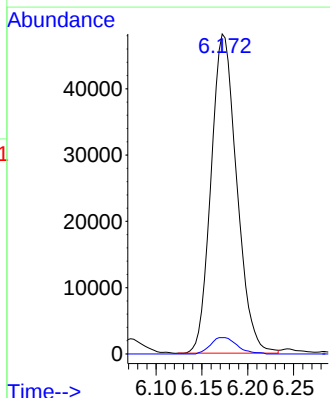
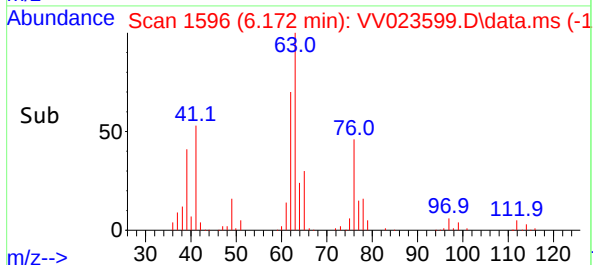
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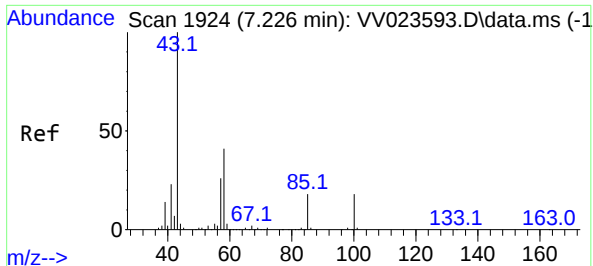


#37
1,2-Dichloropropane
Concen: 11.651 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV023599.D
Acq: 18 Nov 2021 13:12



Tgt Ion: 63 Resp: 93903
Ion Ratio Lower Upper
63 100
112 5.3 4.6 6.8





#40

4-Methyl-2-pentanone

Concen: 10.891 ug/L

RT: 7.230 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV023599.D

Acq: 18 Nov 2021 13:12

Instrument :

MSVOA_V

ClientSampleId :

X3802

Tgt Ion: 43 Resp: 4071

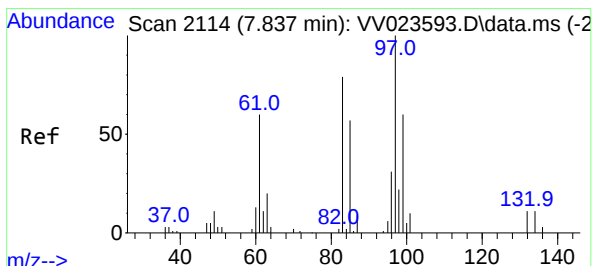
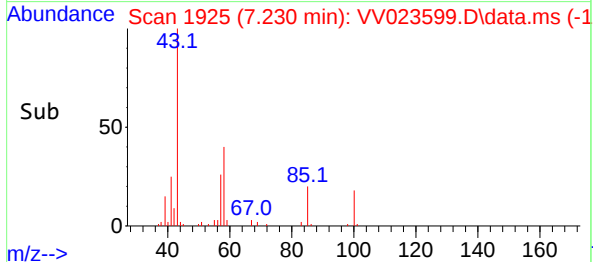
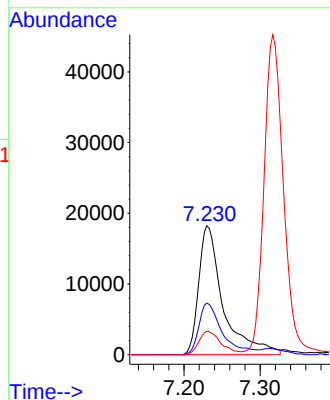
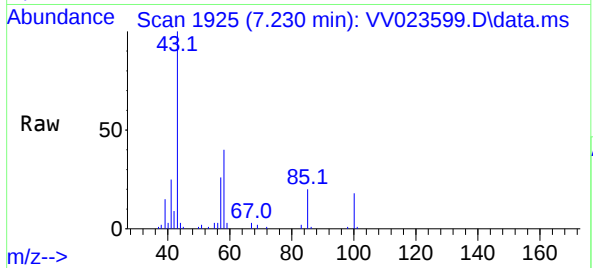
Ion	Ratio	Lower	Upper
43	100		
58	38.6	31.1	46.7
100	16.5	12.6	19.0

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#45

1,1,2-Trichloroethane

Concen: 2.006 ug/L

RT: 7.844 min Scan# 2116

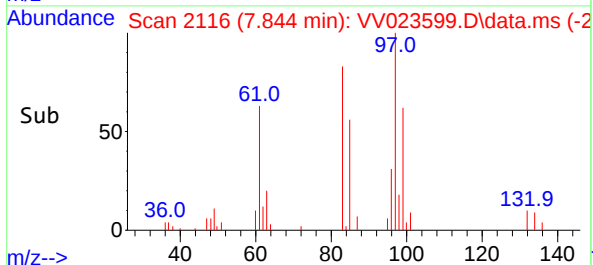
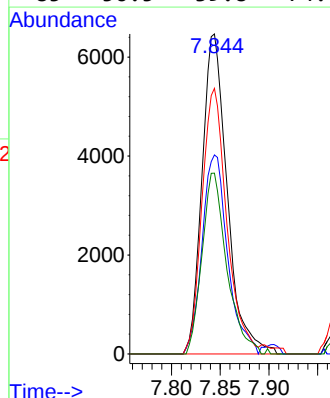
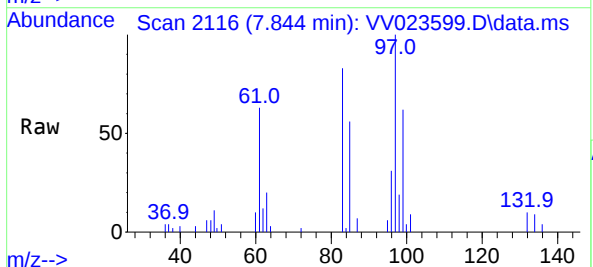
Delta R.T. 0.007 min

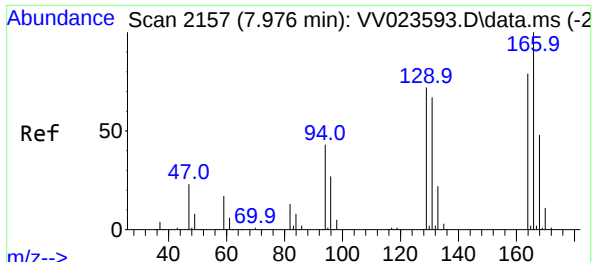
Lab File: VV023599.D

Acq: 18 Nov 2021 13:12

Tgt Ion: 97 Resp: 11617

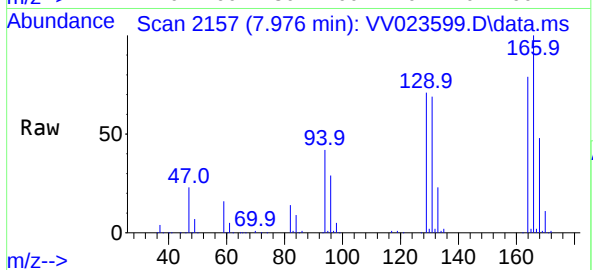
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.6	81.0
83	83.0	58.4	108.4
85	56.5	39.8	74.0





#47
Tetrachloroethene
Concen: 12.324 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023599.D
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Instrument :
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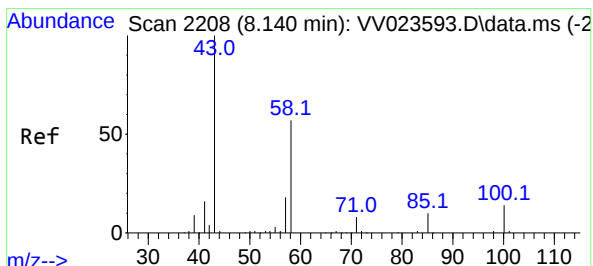
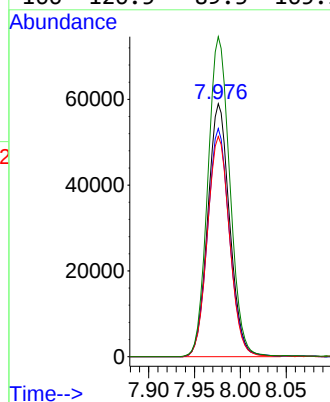
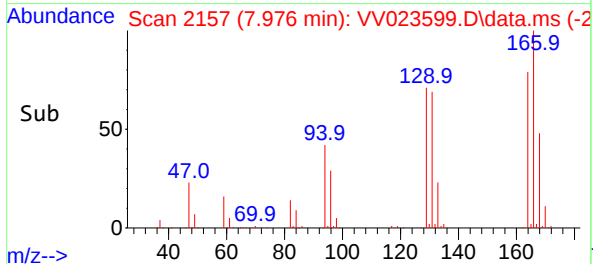


Tgt Ion:164 Resp: 98058

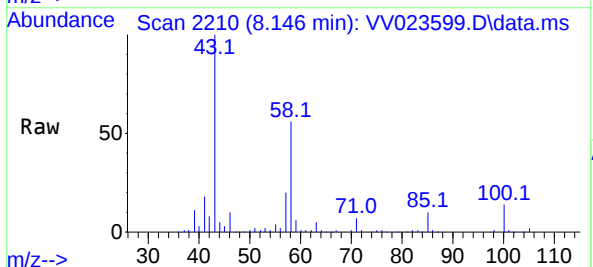
Ion	Ratio	Lower	Upper
164	100		
129	90.2	64.0	119.0
131	87.0	63.4	117.8
166	126.5	89.3	165.9

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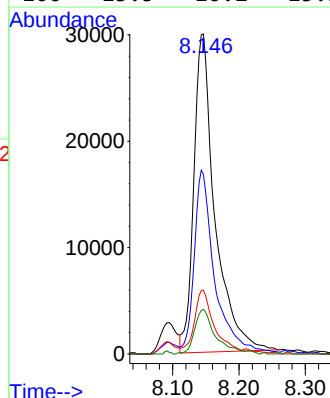
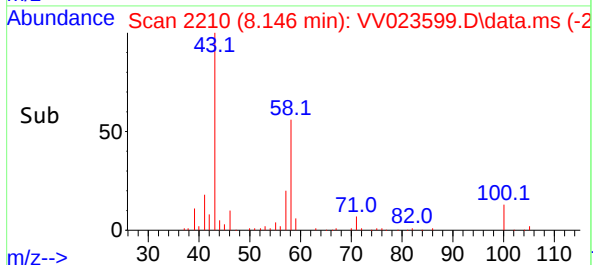


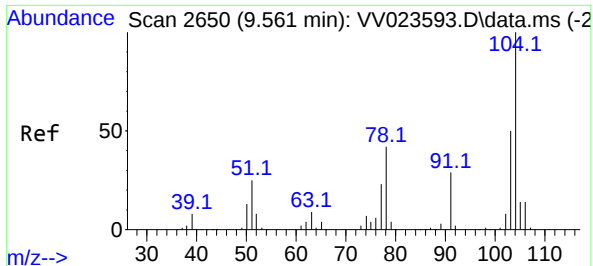
#48
2-Hexanone
Concen: 25.340 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.007 min
Lab File: VV023599.D
Acq: 18 Nov 2021 13:12



Tgt Ion: 43 Resp: 66372

Ion	Ratio	Lower	Upper
43	100		
58	54.9	43.7	65.5
57	18.6	14.1	21.1
100	13.5	10.2	15.2





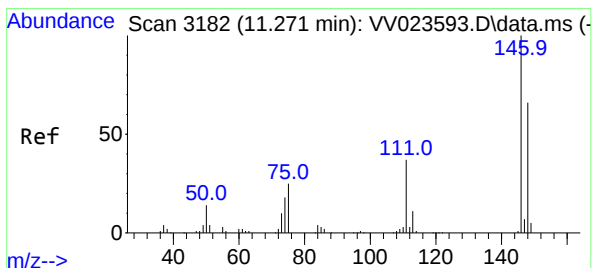
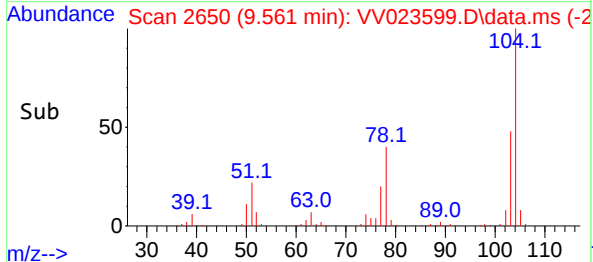
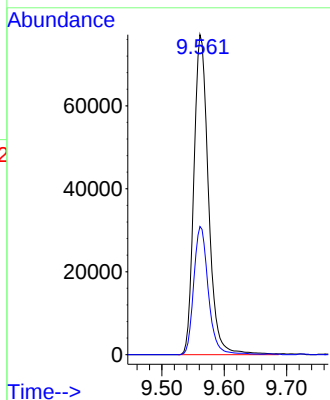
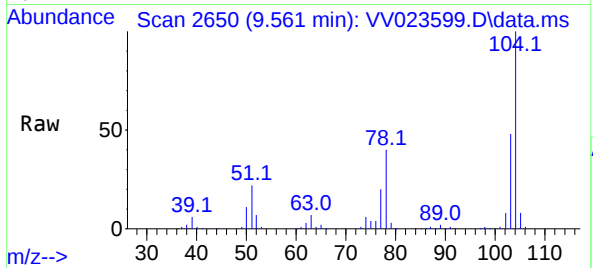
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Styrene
Concen: 5.092 ug/L
RT: 9.561 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV023599.D
Acq: 18 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
X3802

Tgt Ion:104 Resp: 125069
Ion Ratio Lower Upper
104 100
78 40.1 29.3 54.3

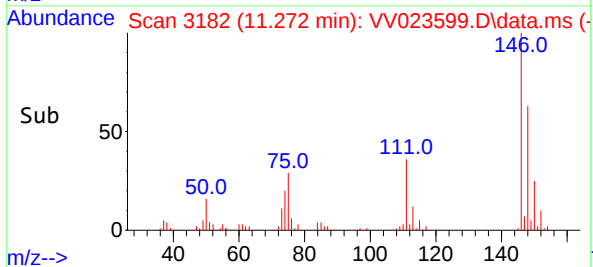
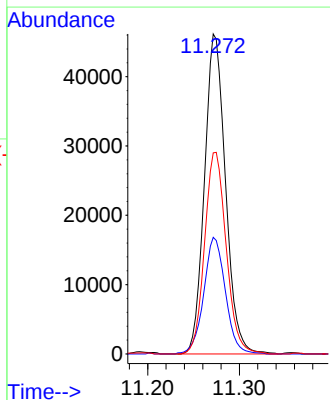
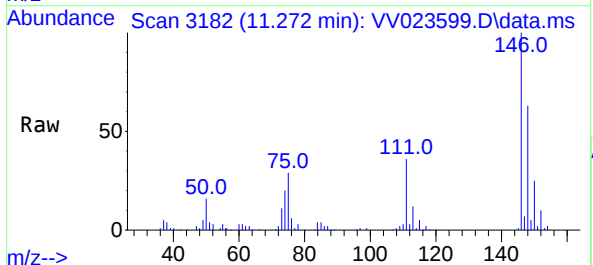
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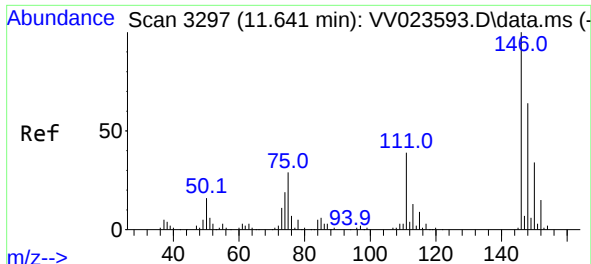
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#65
1,4-Dichlorobenzene
Concen: 4.185 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023599.D
Acq: 18 Nov 2021 13:12

Tgt Ion:146 Resp: 73676
Ion Ratio Lower Upper
146 100
111 36.5 26.2 48.8
148 62.8 44.4 82.5





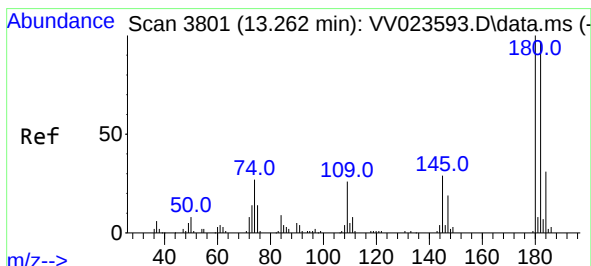
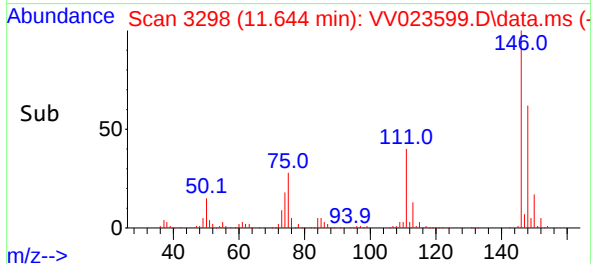
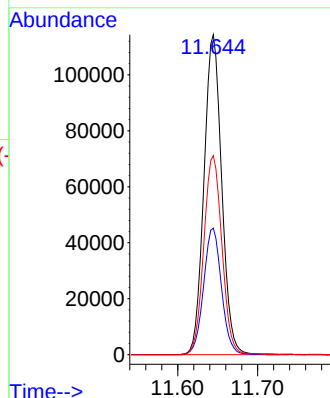
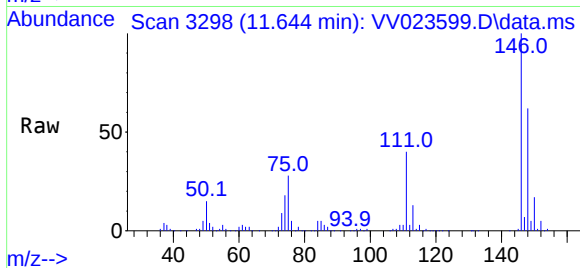
#67
1,2-Dichlorobenzene
Concen: 11.466 ug/L
RT: 11.644 min Scan# 3297
Delta R.T. 0.003 min
Lab File: VV023599.D
Acq: 18 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
X3802

Tgt Ion:146 Resp: 176872
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 62.2 51.0 76.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#70
1,2,4-trichlorobenzene
Concen: 8.102 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023599.D
Acq: 18 Nov 2021 13:12

Tgt Ion:180 Resp: 87572
Ion Ratio Lower Upper
180 100
182 97.6 76.9 115.3
145 29.9 24.4 36.6

