

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029350.D
 Acq On : 25 Nov 2022 12:57
 Operator : SY/MD
 Sample : N5710-06 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KY5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/28/2022
 Supervised By :Mahesh Dadoda 11/28/2022

Quant Time: Nov 25 21:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	302237	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	269474	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	142794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92503	4.973	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.564	69	70359	5.168	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.101	63	112975	3.796	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	3.899	46	166829	53.617	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.240%	
24) Chloroform-d	4.336	84	162858	4.906	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.021	65	74641	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.037	84	361562	4.855	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.059	67	108469	5.183	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.600%	
41) Toluene-d8	7.304	98	328517	4.673	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	7.612	79	40449	5.013	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.200%	
46) 2-Hexanone-d5	8.082	63	135349	47.061	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.120%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	70723	5.477	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.600%	
66) 1,2-Dichlorobenzene-d4	11.612	152	124590	4.994	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						
5) Vinyl chloride	1.307	62	2971	0.144	ug/L #	47
12) 1,1-Dichloroethene	2.111	96	4303	0.277	ug/L #	1
14) Carbon disulfide	2.288	76	6610	0.146	ug/L	96
16) Methylene chloride	2.500	84	11333	0.477	ug/L	97
19) 1,1-Dichloroethane	3.178	63	2244	0.070	ug/L #	87
22) cis-1,2-Dichloroethene	3.902	96	13652	0.669	ug/L	97
29) 1,1,1-Trichloroethane	4.587	97	1071m	0.035	ug/L	
34) Trichloroethene	5.905	95	23969	1.166	ug/L	96
47) Tetrachloroethene	7.966	164	21840	1.296	ug/L	97

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

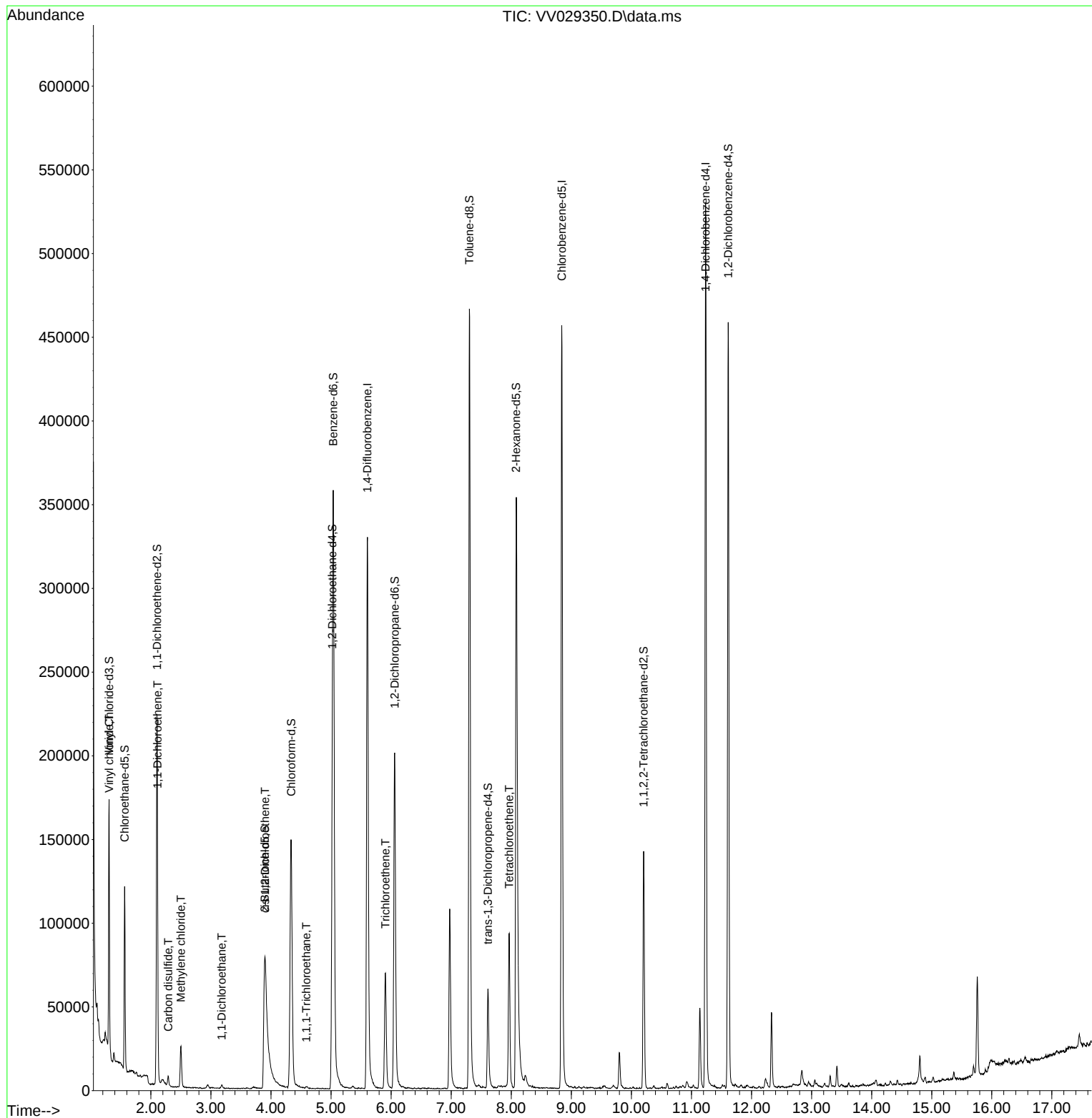
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029350.D
Acq On : 25 Nov 2022 12:57
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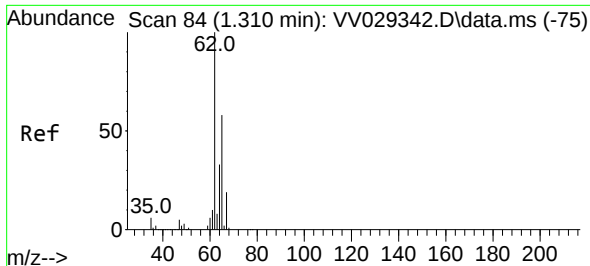
Instrument :
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ClientSampleId :
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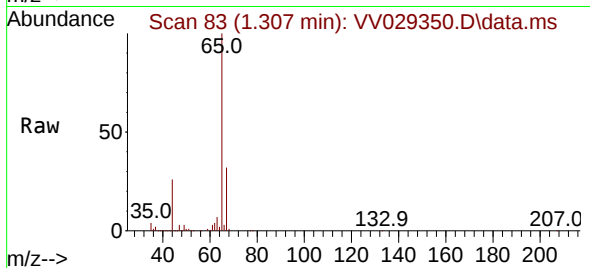
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 25 21:27:54 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.144 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV029350.D
 Acq: 25 Nov 2022 12:57

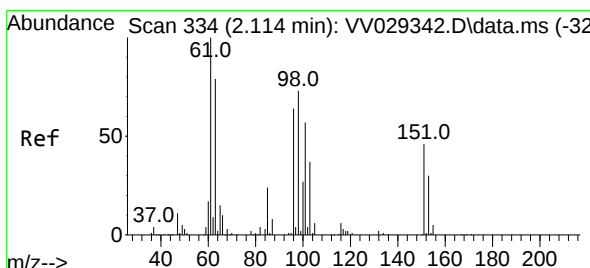
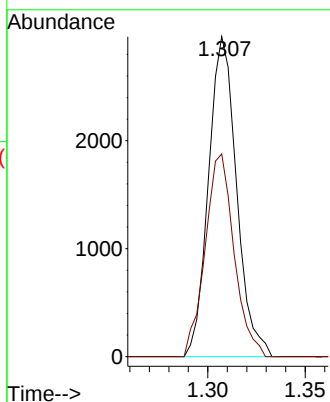
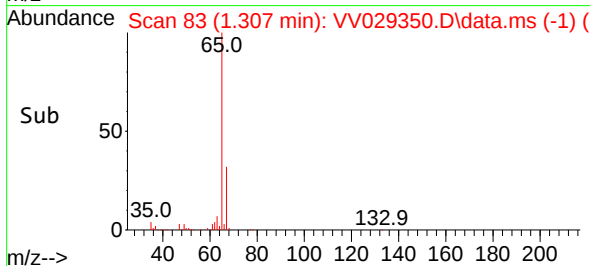
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KY5



Tgt Ion: 62 Resp: 297
 Ion Ratio Lower Upper
 62 100
 64 63.3 23.4 43.4

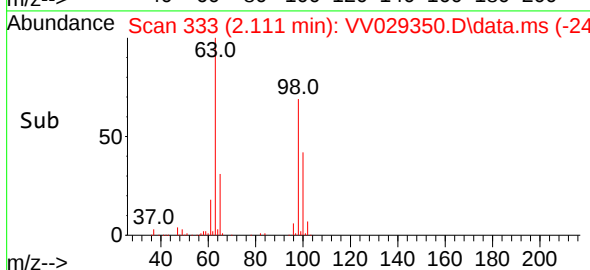
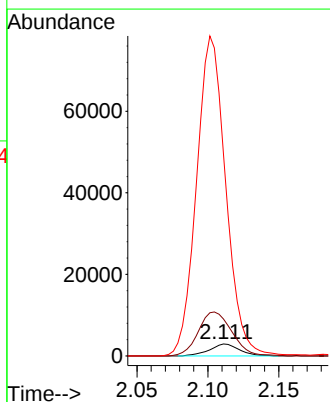
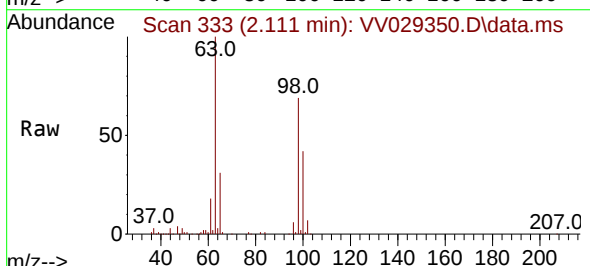
Manual Integrations
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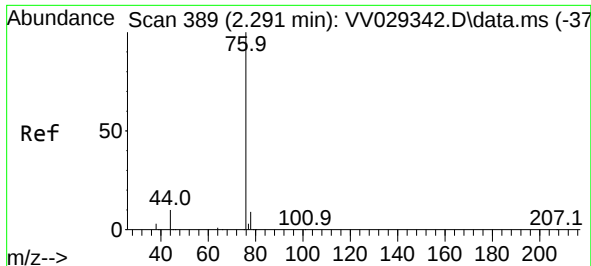
Reviewed By :Krupa Patel 11/28/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#12
 1,1-Dichloroethene
 Concen: 0.277 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029350.D
 Acq: 25 Nov 2022 12:57

Tgt Ion: 96 Resp: 4303
 Ion Ratio Lower Upper
 96 100
 61 307.9 110.3 204.9#
 63 1684.4 84.4 156.8#





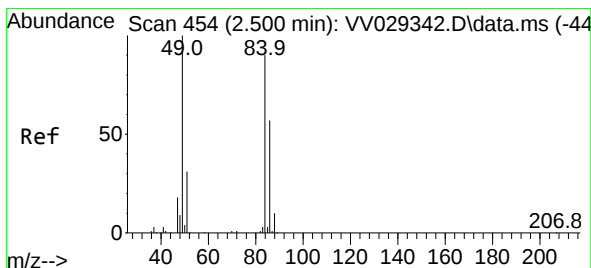
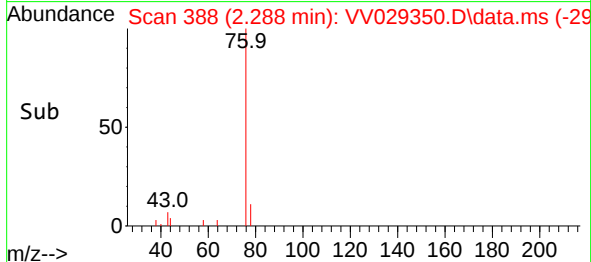
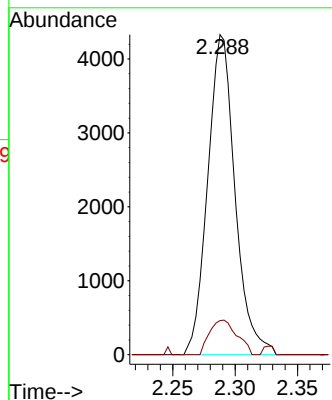
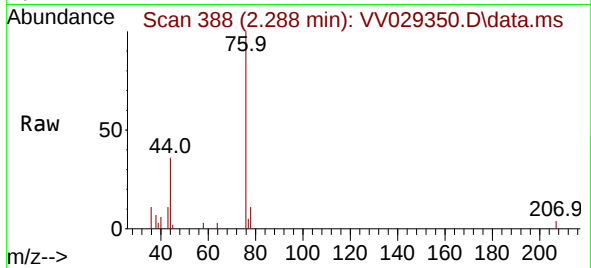
#14
Carbon disulfide
Concen: 0.146 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

Instrument :
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Tgt Ion: 76 Resp: 6610
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.2

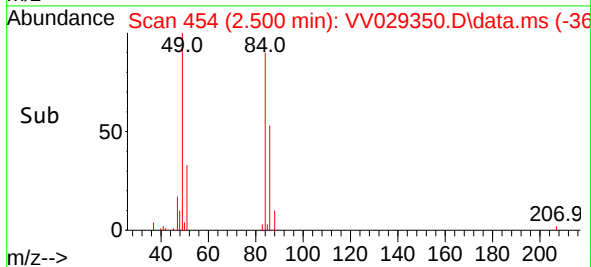
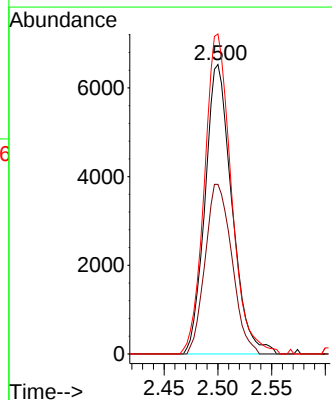
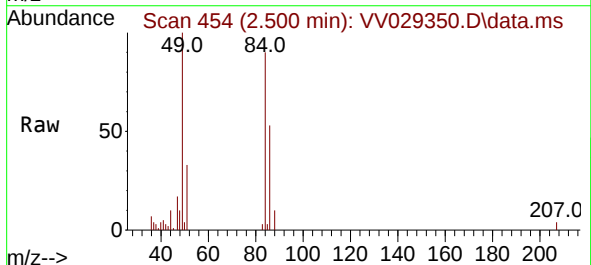
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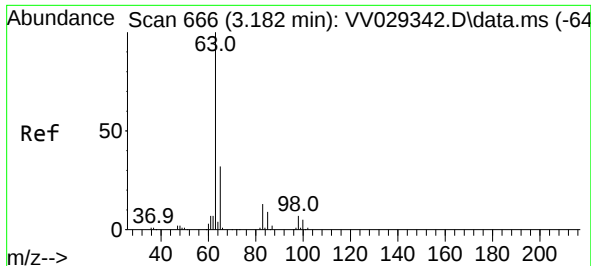
Reviewed By :Krupa Patel 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#16
Methylene chloride
Concen: 0.477 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

Tgt Ion: 84 Resp: 11333
Ion Ratio Lower Upper
84 100
86 58.6 45.6 84.6
49 110.6 77.8 144.4





#19

1,1-Dichloroethane

Concen: 0.070 ug/L

RT: 3.178 min Scan# 60

Delta R.T. -0.003 min

Lab File: VV029350.D

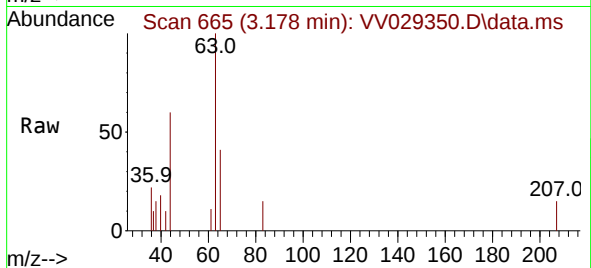
Acq: 25 Nov 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

C0KY5



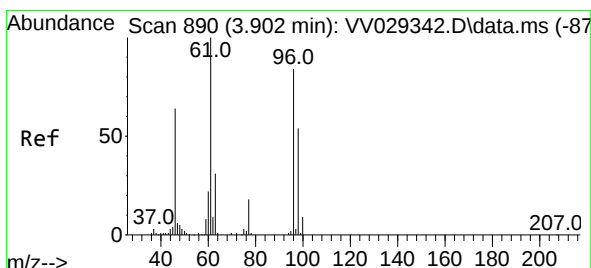
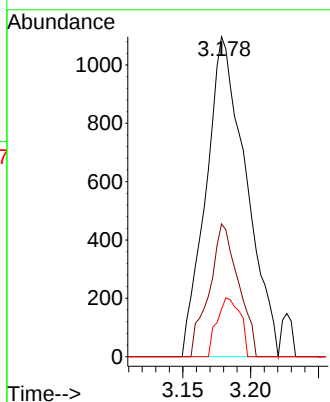
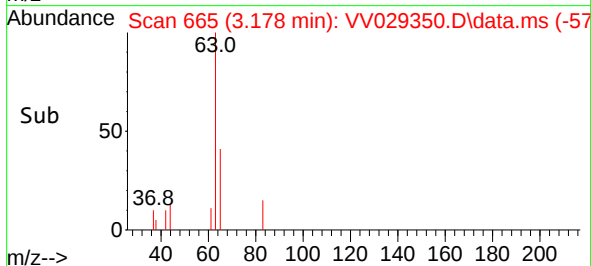
Tgt Ion:	63	Resp:	224
Ion	Ratio	Lower	Upper
63	100		
65	41.5	21.6	40.2
83	14.9	10.3	19.1

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#22

cis-1,2-Dichloroethene

Concen: 0.669 ug/L

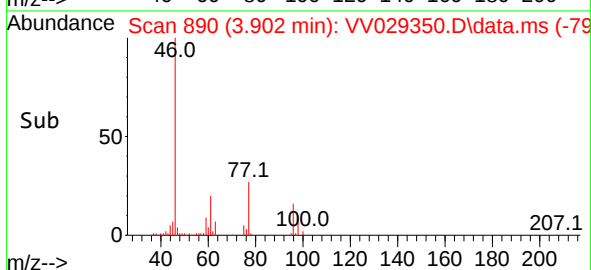
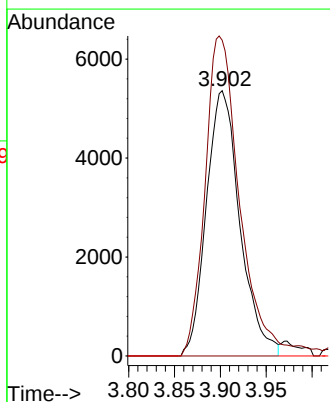
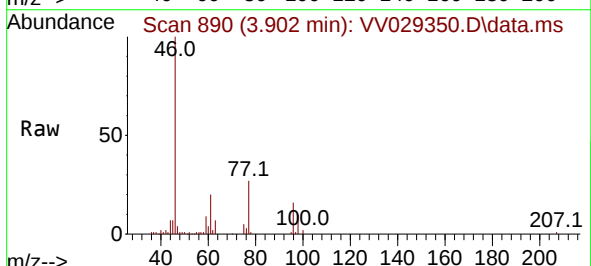
RT: 3.902 min Scan# 890

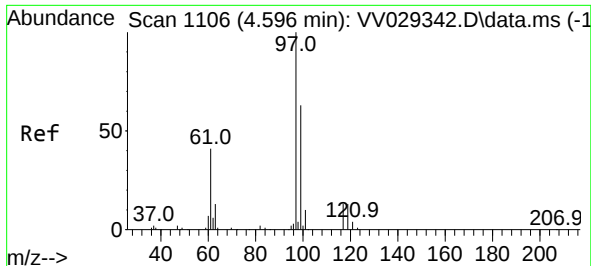
Delta R.T. -0.000 min

Lab File: VV029350.D

Acq: 25 Nov 2022 12:57

Tgt Ion:	96	Resp:	13652
Ion	Ratio	Lower	Upper
96	100		
61	119.0	85.8	159.3
68	0.0	0.0	0.0





#29

1,1,1-Trichloroethane

Concen: 0.035 ug/L m

RT: 4.587 min Scan# 1106

Delta R.T. -0.010 min

Lab File: VV029350.D

Acq: 25 Nov 2022 12:57

Instrument :

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ClientSampleId :

C0KY5

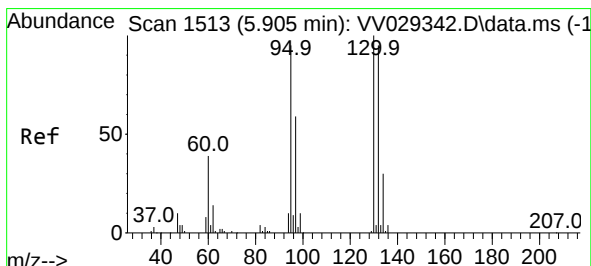
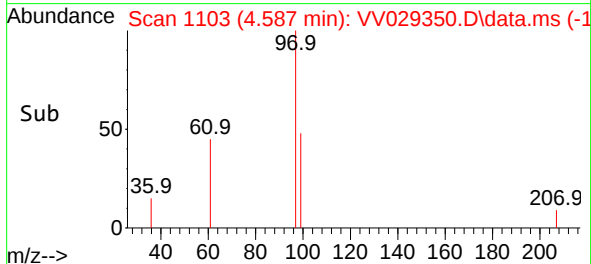
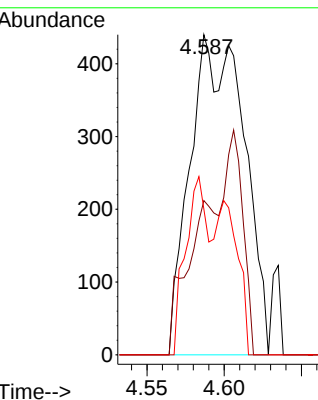
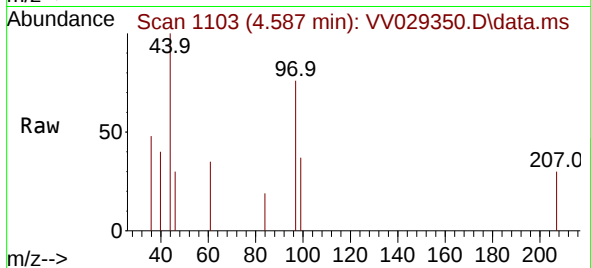
Tgt Ion:	97	Resp:	107
Ion	Ratio	Lower	Upper
97	100		
99	24.3	51.2	76.8
61	18.2	33.3	49.9

Manual Integrations

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Supervised By :Mahesh Dadoda 11/28/2022



#34

Trichloroethene

Concen: 1.166 ug/L

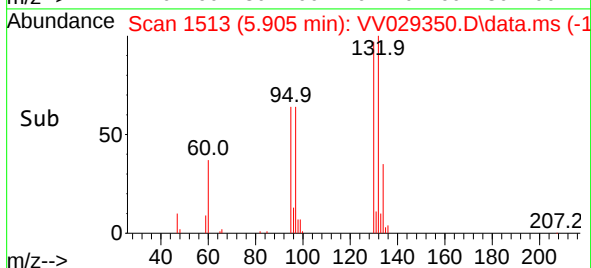
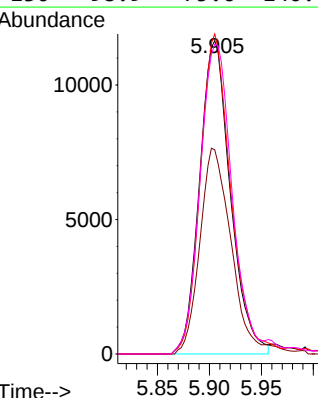
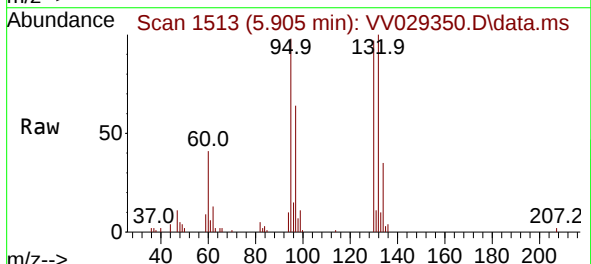
RT: 5.905 min Scan# 1513

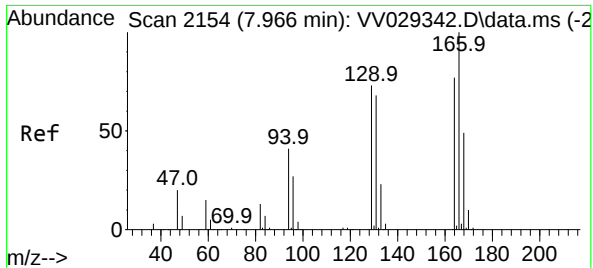
Delta R.T. -0.000 min

Lab File: VV029350.D

Acq: 25 Nov 2022 12:57

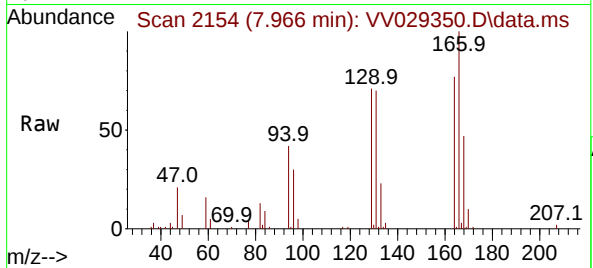
Tgt Ion:	95	Resp:	23969
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.4	84.4
132	102.1	73.3	136.1
130	98.9	75.6	140.4





#47
Tetrachloroethene
Concen: 1.296 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

Instrument :
MSVOA_V
ClientSampleId :
C0KY5



Tgt Ion:	164	Resp:	21840
Ion	Ratio	Lower	Upper
164	100		
129	91.9	61.7	114.7
131	90.7	62.9	116.9
166	130.3	88.5	164.3

Manual Integrations
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