

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029259.D
 Acq On : 21 Nov 2022 05:51
 Operator : SY/MD
 Sample : N5725-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB66

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

11/21/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Nov 21 06:11:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 03:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	487115	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	433485	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	218296	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	137929	4.645	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.565	69	115896	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.108	63	362613	6.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	134.000%#
20) 2-Butanone-d5	3.880	46	318606	64.091	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.180%
24) Chloroform-d	4.336	84	244200	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.024	65	111581	4.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.040	84	519229	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.063	67	161841	4.479	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.307	98	459470	3.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.613	79	57115	4.847	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.082	63	277298	55.130	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.260%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	114046	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	171619	4.394	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.127	85	4802	0.118	ug/L	96
3) Chloromethane	1.240	50	16623m	0.493	ug/L	
12) 1,1-Dichloroethene	2.114	96	403696	13.690	ug/L #	83
14) Carbon disulfide	2.291	76	53060	0.507	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	8225	0.240	ug/L	96
19) 1,1-Dichloroethane	3.179	63	1525847	27.291	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	5465127	157.181	ug/L	97
25) Chloroform	4.365	83	20274	0.346	ug/L	99
27) 1,2-Dichloroethane	5.124	62	53040	1.757	ug/L	98
29) 1,1,1-Trichloroethane	4.597	97	1693058	33.284	ug/L	98
34) Trichloroethene	5.905	95	1142367	33.686	ug/L	98

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

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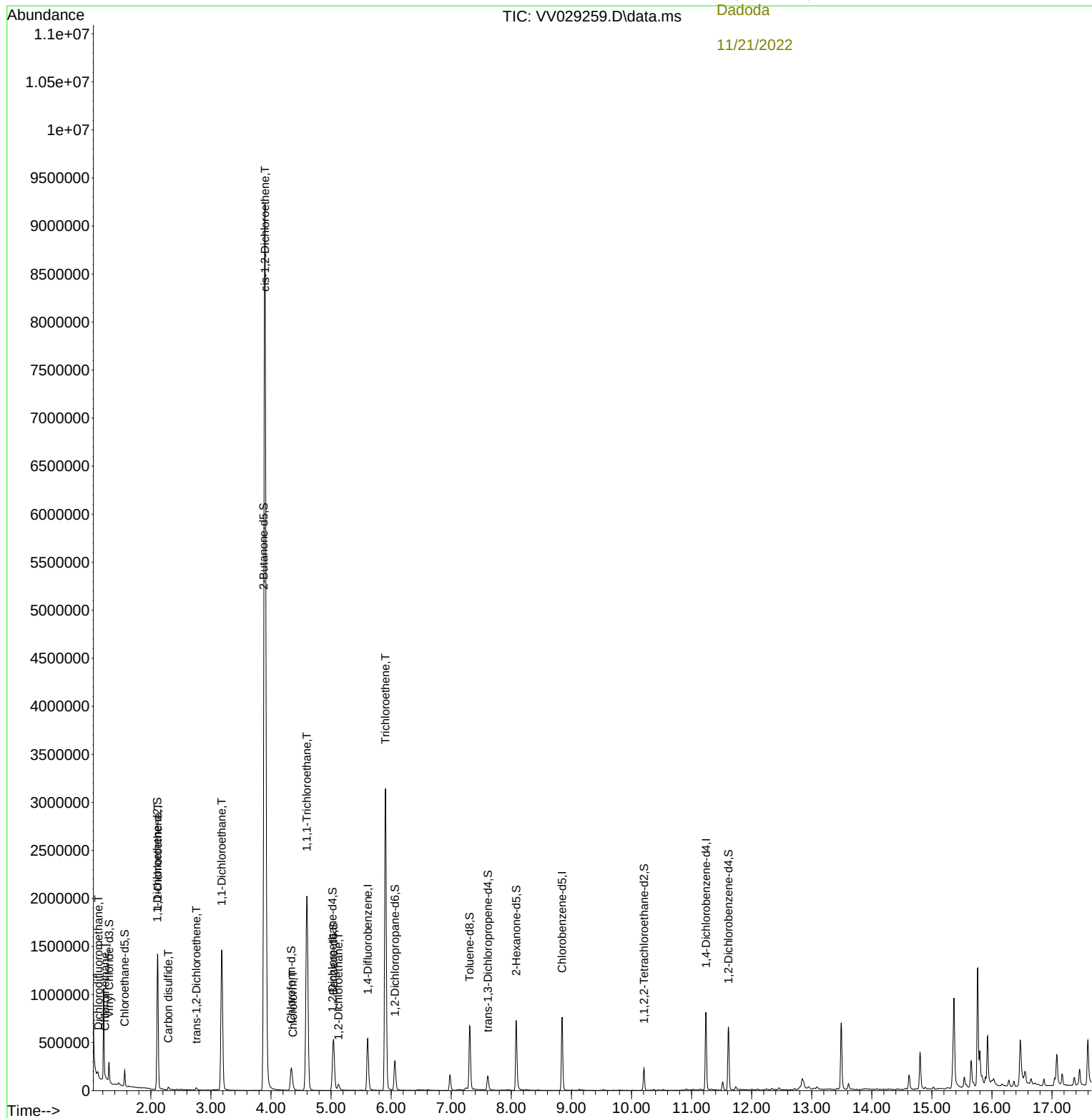
Quant Time: Nov 21 06:11:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 21 03:37:08 2022
Response via : Initial Calibration

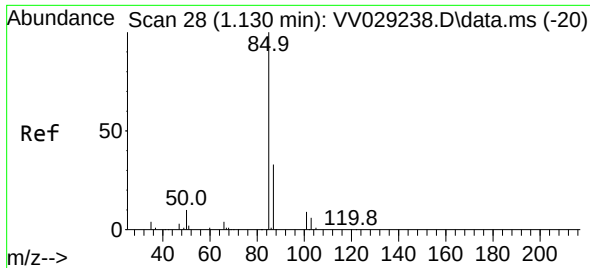
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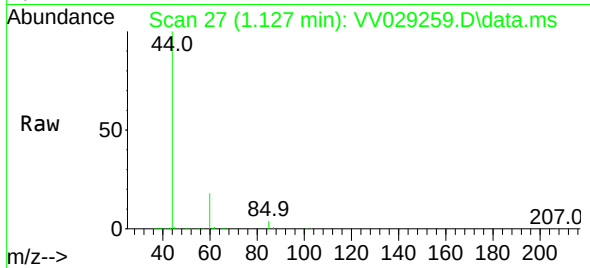
11/21/2022





#2
 Dichlorodifluoromethane
 Concen: 0.118 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029259.D
 Acq: 21 Nov 2022 05:51

Instrument :
 MSVOA_V
 ClientSampleId :
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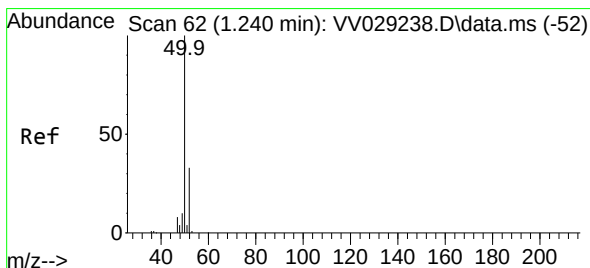
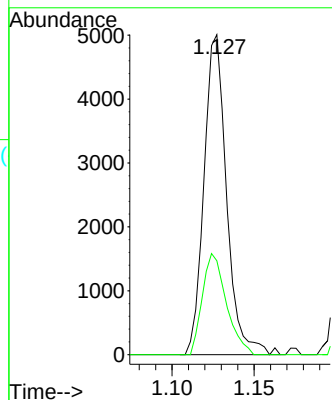
Tgt Ion: 85 Resp: 480
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.0 37.4

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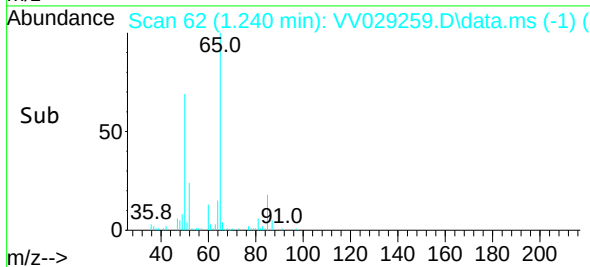
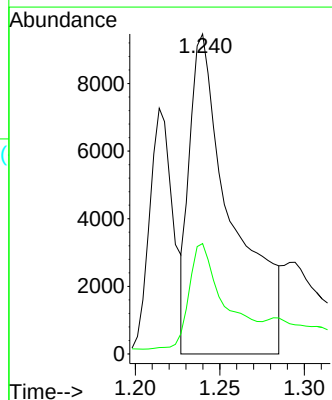
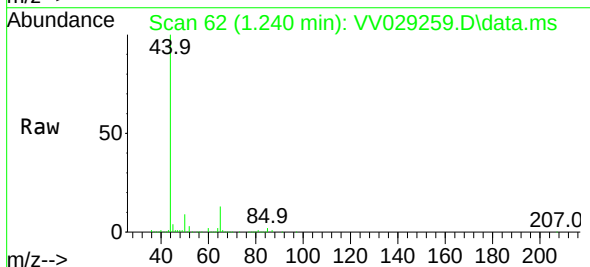
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 Supervised By :Mahesh
 Dadoda

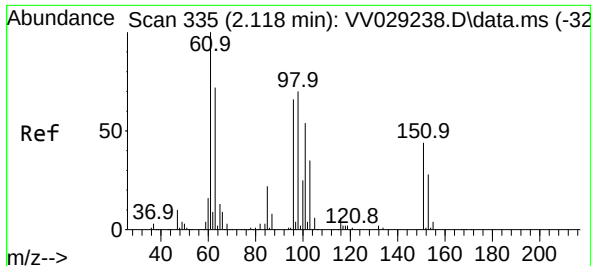
11/21/2022



#3
 Chloromethane
 Concen: 0.493 ug/L m
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029259.D
 Acq: 21 Nov 2022 05:51

Tgt Ion: 50 Resp: 16623
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.7 43.9





#12

1,1-Dichloroethene

Concen: 13.690 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029259.D

Acq: 21 Nov 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

BHB66

Tgt Ion: 96 Resp: 403690

Ion Ratio Lower Upper

96 100

61 151.0 104.2 193.4

63 69.4 75.9 140.9

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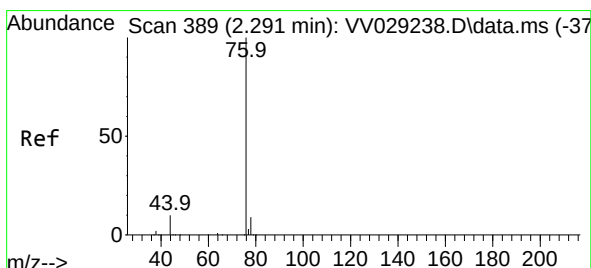
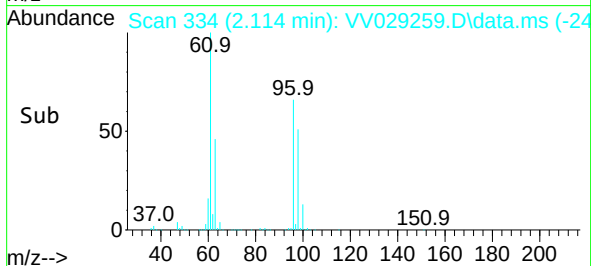
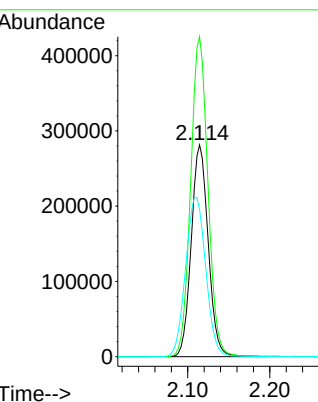
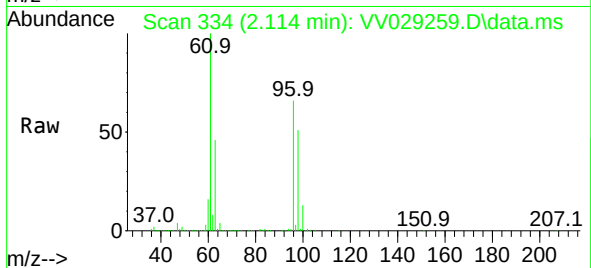
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#14

Carbon disulfide

Concen: 0.507 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV029259.D

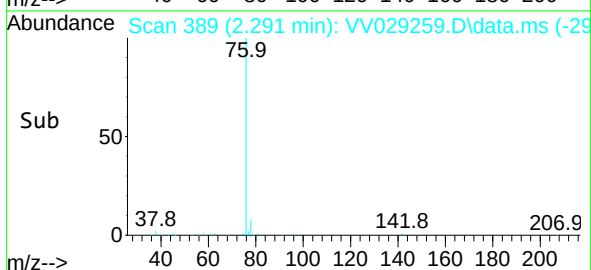
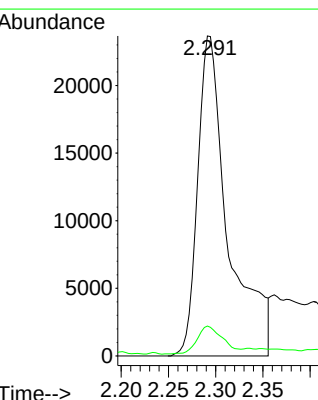
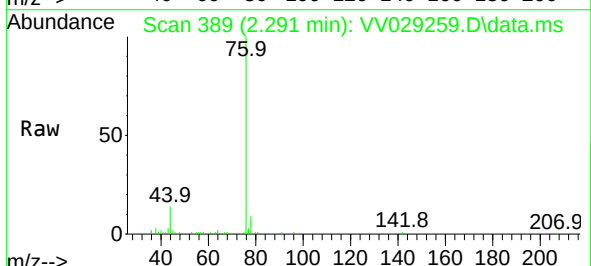
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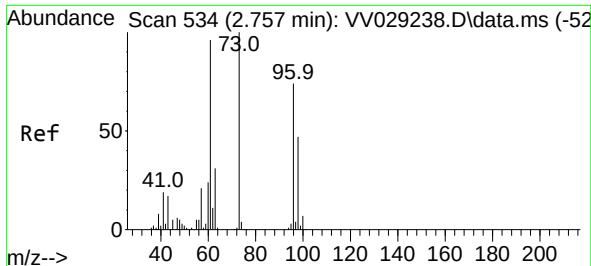
Tgt Ion: 76 Resp: 53060

Ion Ratio Lower Upper

76 100

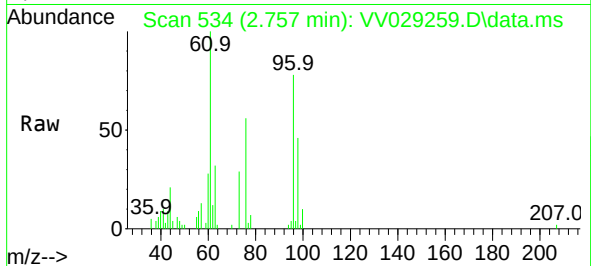
78 9.3 7.4 11.2





#18
trans-1,2-Dichloroethene
Concen: 0.240 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV029259.D
Acq: 21 Nov 2022 05:51

Instrument :
MSVOA_V
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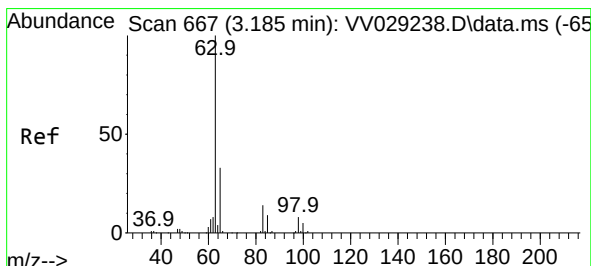
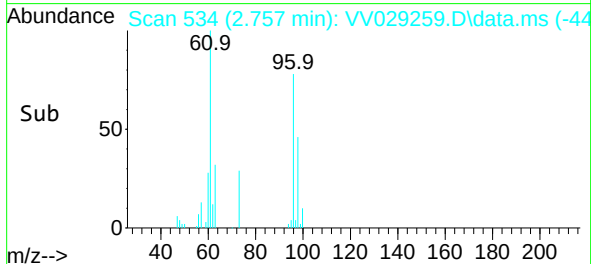
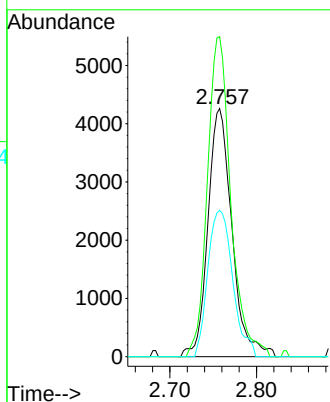
Tgt Ion: 96 Resp: 822
Ion Ratio Lower Upper
96 100
61 128.9 91.8 170.6
98 59.0 46.4 86.2

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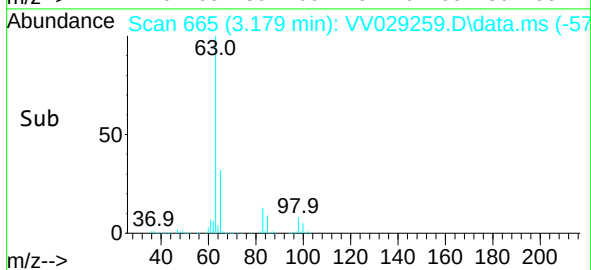
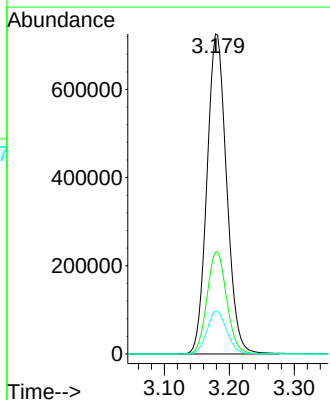
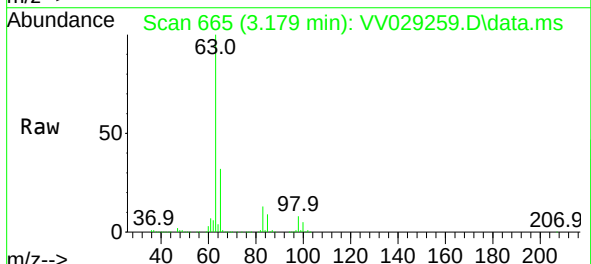
11/21/2022
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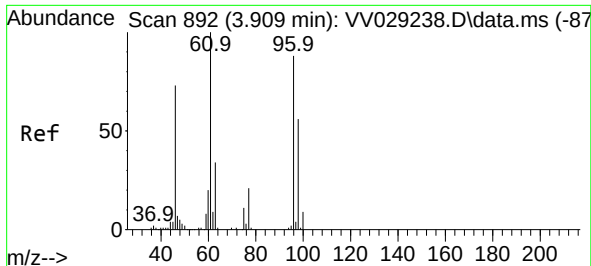
11/21/2022



#19
1,1-Dichloroethane
Concen: 27.291 ug/L
RT: 3.179 min Scan# 665
Delta R.T. -0.006 min
Lab File: VV029259.D
Acq: 21 Nov 2022 05:51

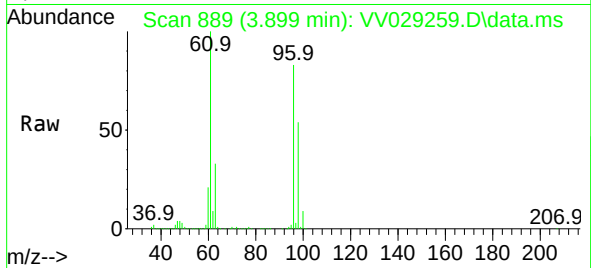
Tgt Ion: 63 Resp: 1525847
Ion Ratio Lower Upper
63 100
65 31.9 23.0 42.6
83 13.5 9.4 17.6





#22
cis-1,2-Dichloroethene
Concen: 157.181 ug/L
RT: 3.899 min Scan# 892
Delta R.T. -0.010 min
Lab File: VV029259.D
Acq: 21 Nov 2022 05:51

Instrument :
MSVOA_V
ClientSampleId :
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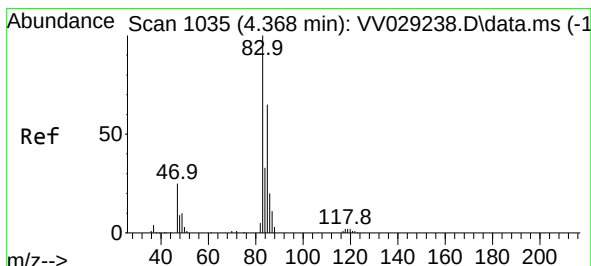
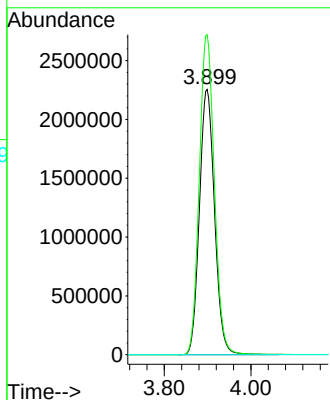
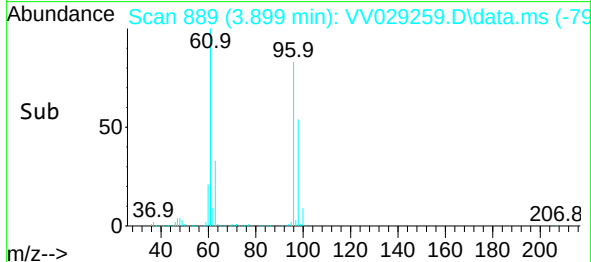
Tgt Ion: 96 Resp: 546512
Ion Ratio Lower Upper
96 100
61 120.6 82.3 152.9
68 0.0 0.0 0.0

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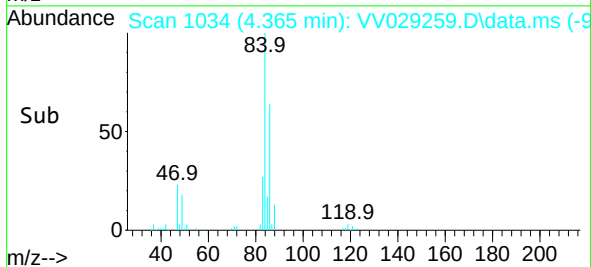
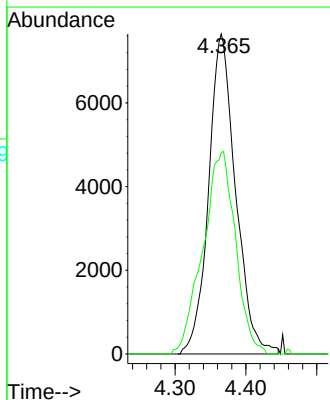
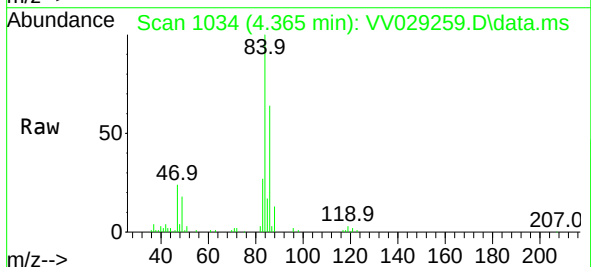
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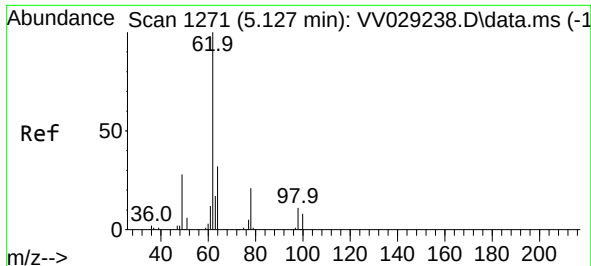
11/21/2022



#25
Chloroform
Concen: 0.346 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV029259.D
Acq: 21 Nov 2022 05:51

Tgt Ion: 83 Resp: 20274
Ion Ratio Lower Upper
83 100
85 62.8 43.7 81.1





#27

1,2-Dichloroethane

Concen: 1.757 ug/L

RT: 5.124 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV029259.D

Acq: 21 Nov 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

BHB66

Tgt Ion: 62 Resp: 53040
 Ion Ratio Lower Upper
 62 100
 98 10.7 9.0 13.6

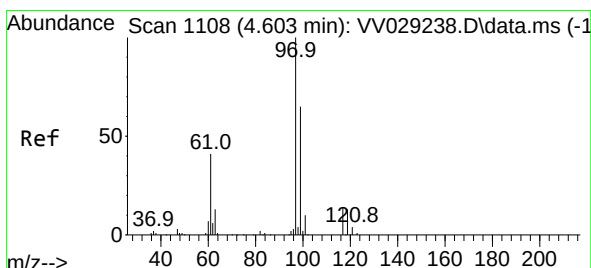
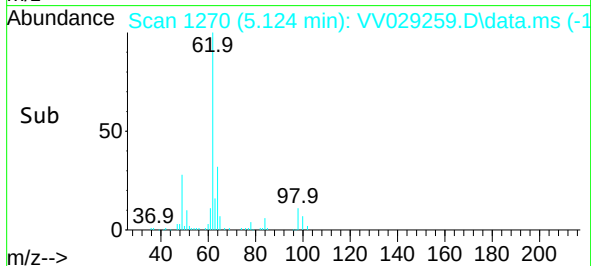
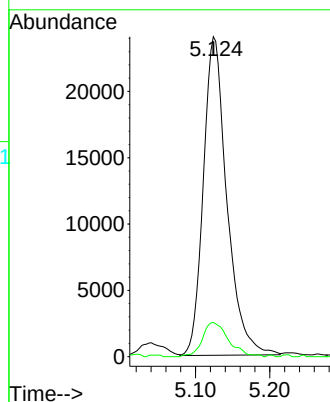
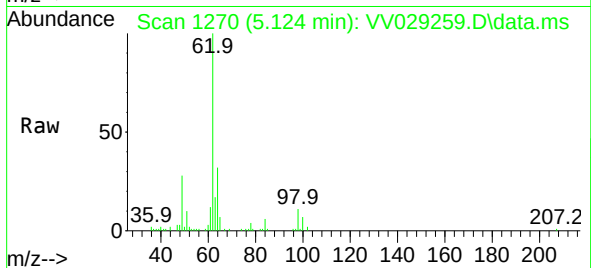
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#29

1,1,1-Trichloroethane

Concen: 33.284 ug/L

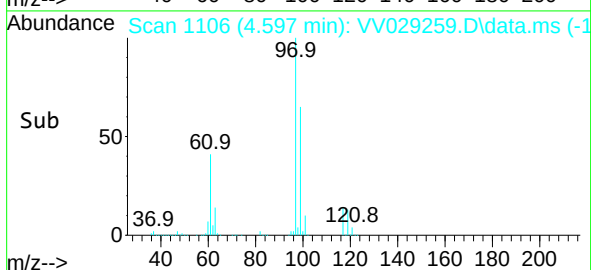
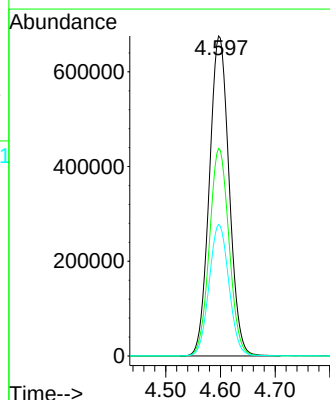
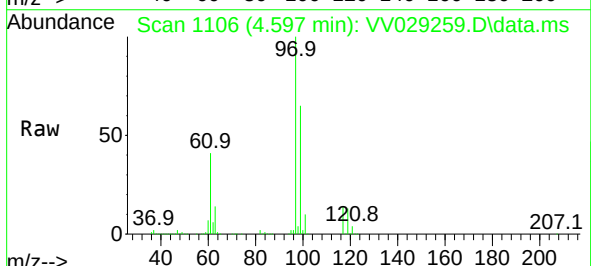
RT: 4.597 min Scan# 1106

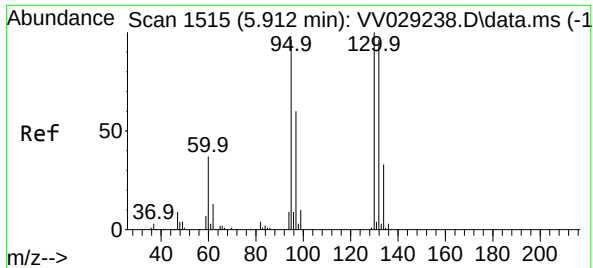
Delta R.T. -0.006 min

Lab File: VV029259.D

Acq: 21 Nov 2022 05:51

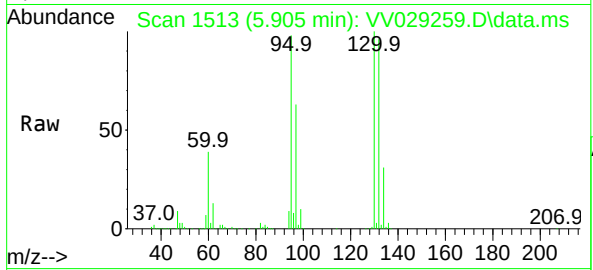
Tgt Ion: 97 Resp: 1693058
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.7 79.1
 61 41.0 33.8 50.6





#34
 Trichloroethene
 Concen: 33.686 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. -0.006 min
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Tgt Ion: 95 Resp: 114236

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.6	84.8
132	97.9	69.1	128.3
130	102.3	74.9	139.1

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