

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047414.D
 Acq On : 09 Mar 2022 19:09
 Operator : SY/MD
 Sample : N1840-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY23

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2022
 Supervised By : Mahesh Dadoda 03/11/2022

Quant Time: Mar 10 01:06:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	172244	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	165718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	44313	4.744	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.916	69	32689	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.571	65	19508	4.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	4.658	46	81941	49.267	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.540%
24) Chloroform-d	5.067	84	67685	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.706	65	36007	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.732	84	146695	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.693	67	43644	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.899	98	138478	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.182	79	18176	4.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.636	63	78909	45.751	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38128	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	55235	4.826	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						Qvalue
8) Chloroethane	1.935	64	823	0.107	ug/L	93
12) 1,1-Dichloroethene	2.584	96	2248	0.222	ug/L #	1
13) Acetone	2.674	43	13367m	8.747	ug/L	
19) 1,1-Dichloroethane	3.877	63	26209	1.423	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	4780	0.398	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	1254	0.073	ug/L	96
38) Bromodichloromethane	7.111	83	4335	0.293	ug/L	91
47) Tetrachloroethene	8.552	164	4618	0.455	ug/L	98
49) Dibromochloromethane	8.812	129	5622	0.507	ug/L	97
59) Bromoform	10.295	173	2330	0.343	ug/L #	95

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

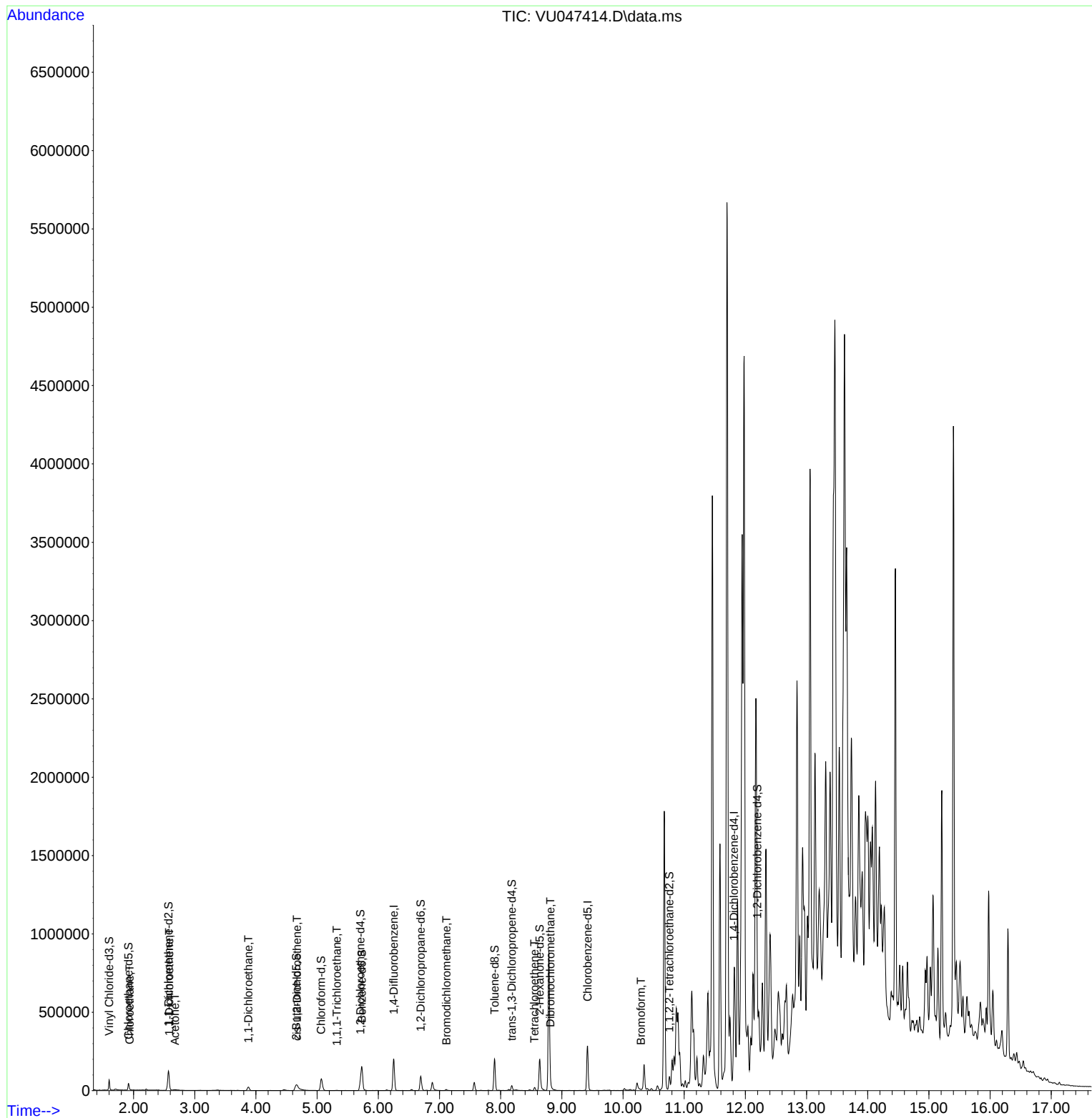
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047414.D
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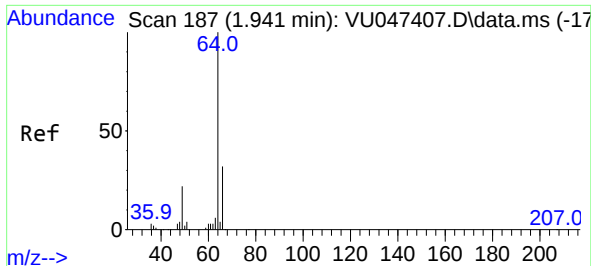
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Quant Time: Mar 10 01:06:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

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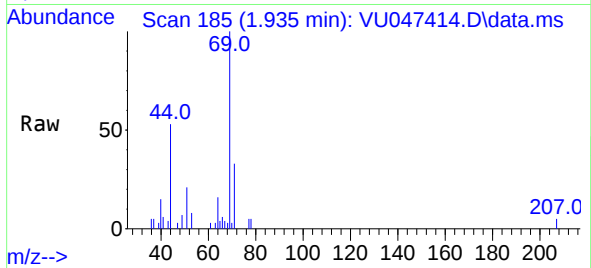
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022





#8
Chloroethane
Concen: 0.107 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU047414.D
Acq: 09 Mar 2022 19:09

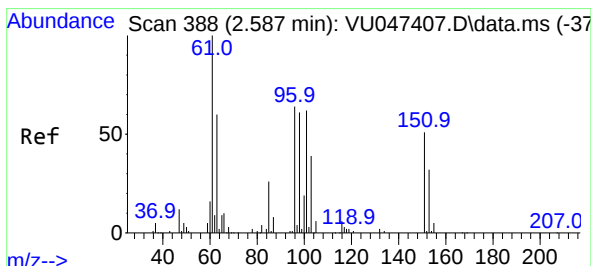
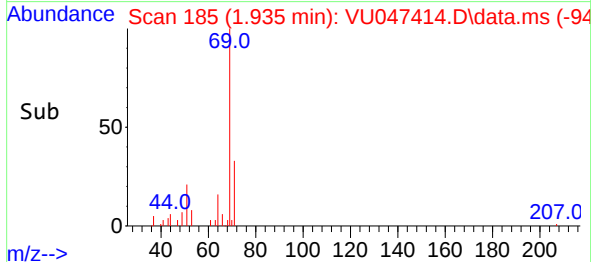
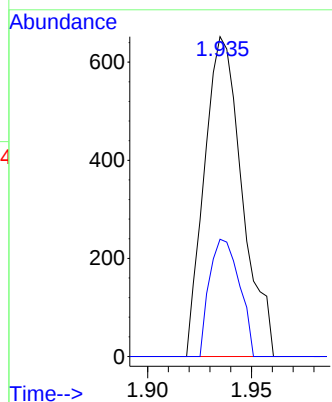
Instrument :
MSVOA_U
ClientSampleId :
BFY23



Tgt Ion: 64 Resp: 82
Ion Ratio Lower Upper
64 100
66 36.7 22.9 42.5

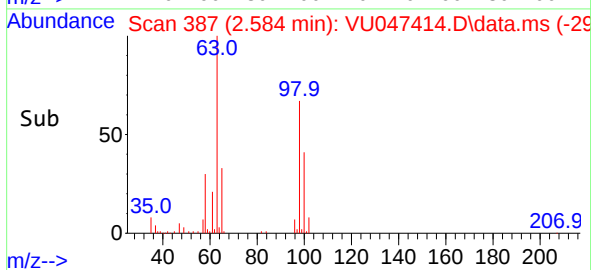
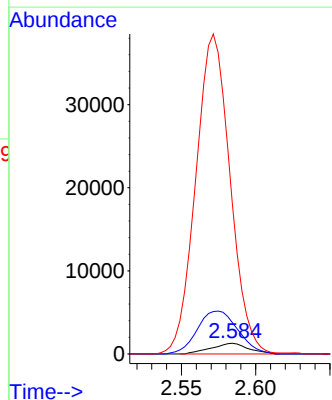
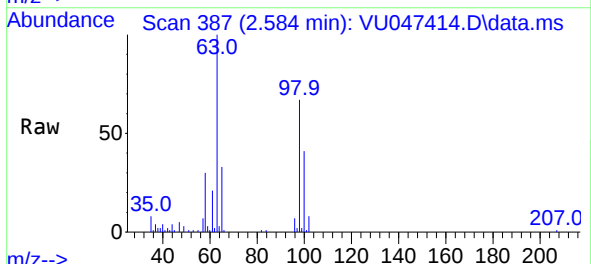
Manual Integrations
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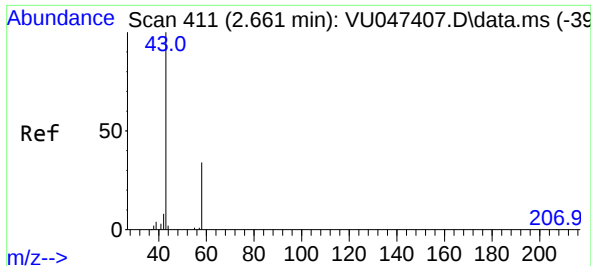
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022



#12
1,1-Dichloroethene
Concen: 0.222 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047414.D
Acq: 09 Mar 2022 19:09

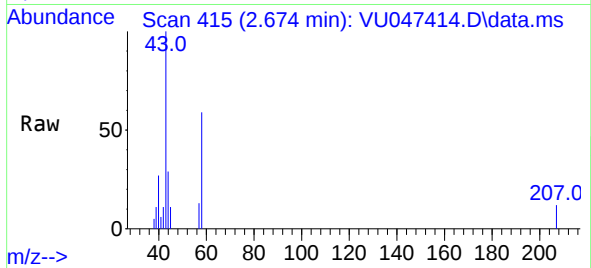
Tgt Ion: 96 Resp: 2248
Ion Ratio Lower Upper
96 100
61 292.6 108.8 202.0#
63 1398.1 64.0 119.0#





#13
Acetone
Concen: 8.747 ug/L m
RT: 2.674 min Scan# 411
Delta R.T. 0.013 min
Lab File: VU047414.D
Acq: 09 Mar 2022 19:09

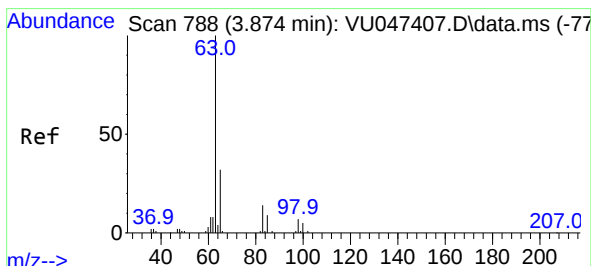
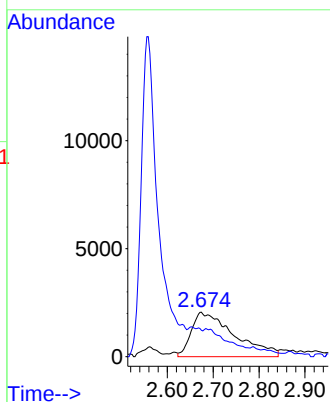
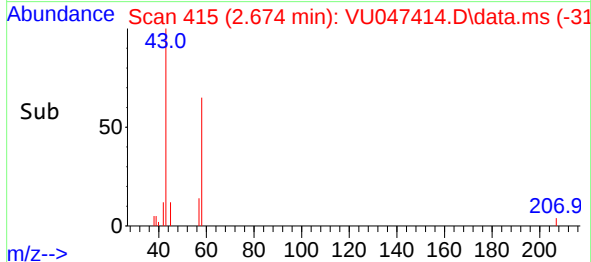
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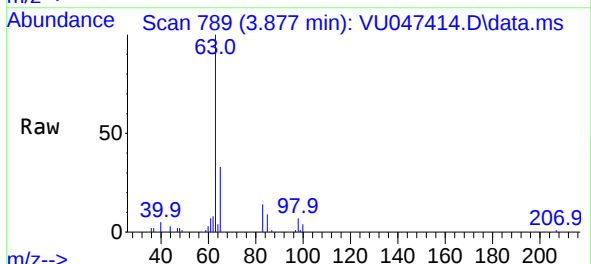
Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 0.0 0.0 72.6

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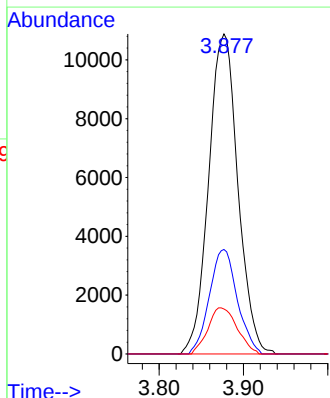
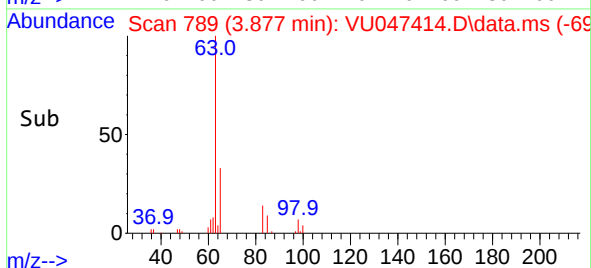
Reviewed By :John Carlone 03/10/2022
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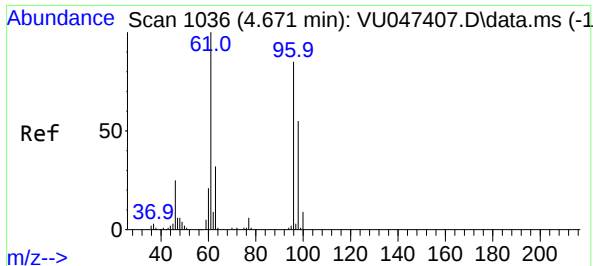


#19
1,1-Dichloroethane
Concen: 1.423 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.003 min
Lab File: VU047414.D
Acq: 09 Mar 2022 19:09



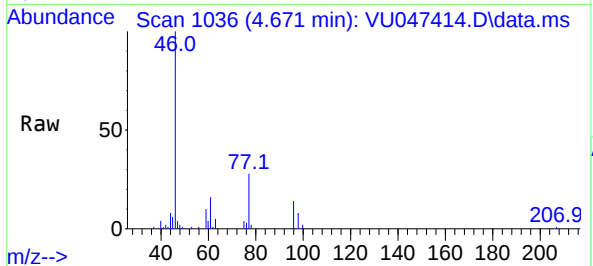
Tgt Ion: 63 Resp: 26209
Ion Ratio Lower Upper
63 100
65 32.6 22.8 42.4
83 14.1 9.9 18.3





#22
cis-1,2-Dichloroethene
Concen: 0.398 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047414.D
Acq: 09 Mar 2022 19:09

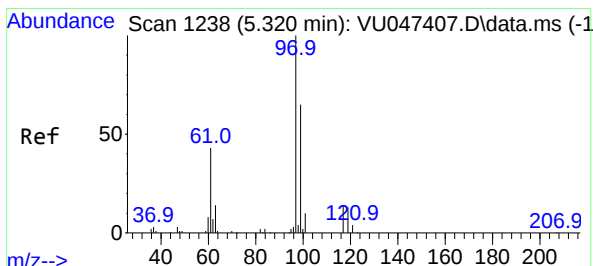
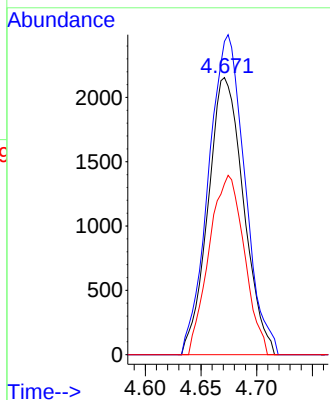
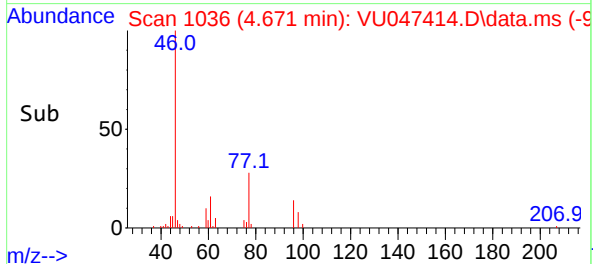
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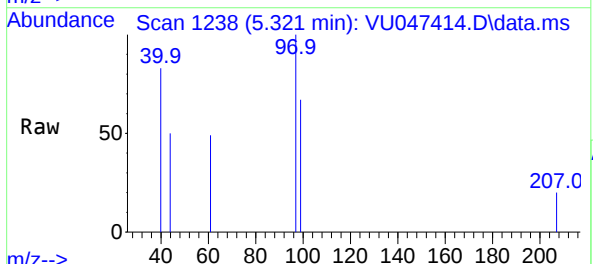
Tgt Ion: 96 Resp: 4780
Ion Ratio Lower Upper
96 100
61 113.0 80.8 150.0
98 61.6 44.7 83.1

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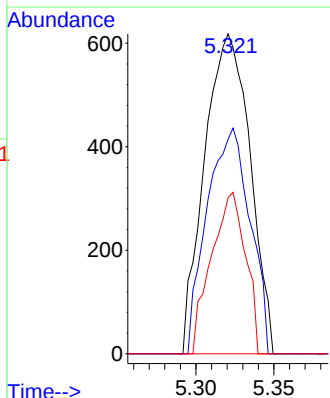
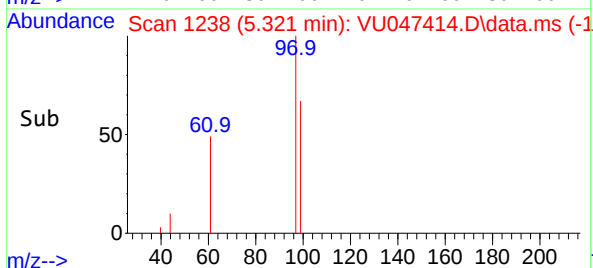
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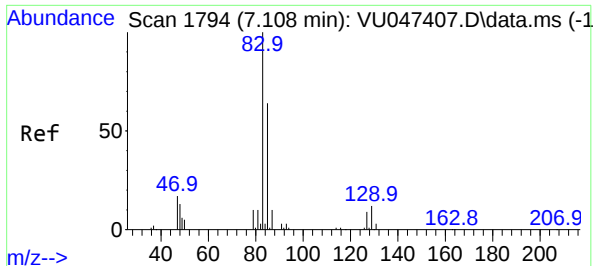


#29
1,1,1-Trichloroethane
Concen: 0.073 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047414.D
Acq: 09 Mar 2022 19:09



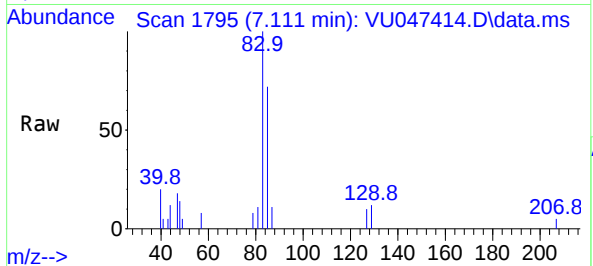
Tgt Ion: 97 Resp: 1254
Ion Ratio Lower Upper
97 100
99 66.7 52.1 78.1
61 38.0 33.8 50.6





#38
Bromodichloromethane
Concen: 0.293 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047414.D
Acq: 09 Mar 2022 19:09

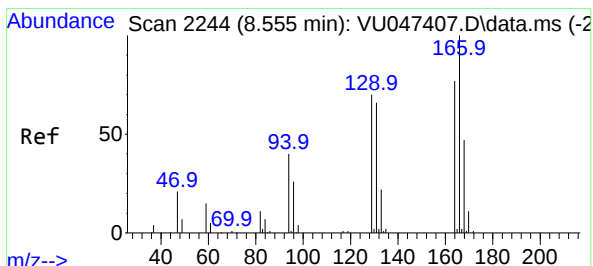
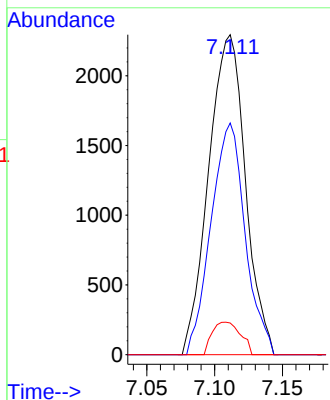
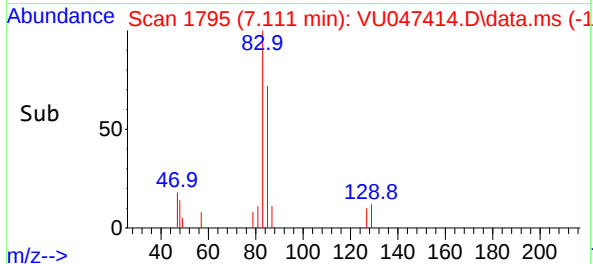
Instrument :
MSVOA_U
ClientSampleId :
BFY23



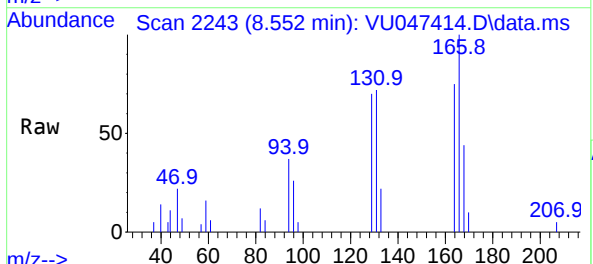
Tgt Ion: 83 Resp: 433
Ion Ratio Lower Upper
83 100
85 72.4 45.0 83.6
127 9.9 7.4 11.0

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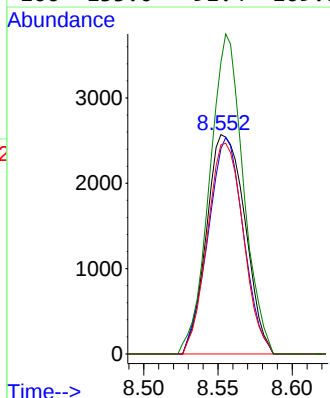
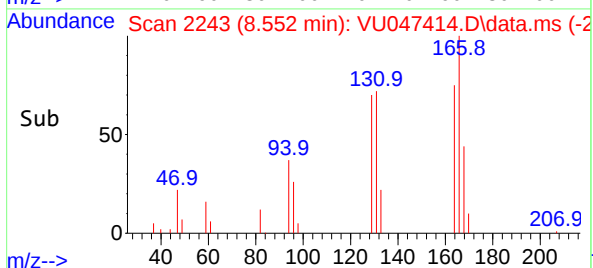
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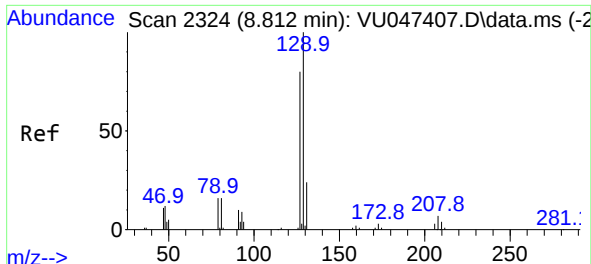


#47
Tetrachloroethene
Concen: 0.455 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU047414.D
Acq: 09 Mar 2022 19:09



Tgt Ion:164 Resp: 4618
Ion Ratio Lower Upper
164 100
129 93.6 64.9 120.5
131 95.3 63.6 118.2
166 133.0 91.4 169.8





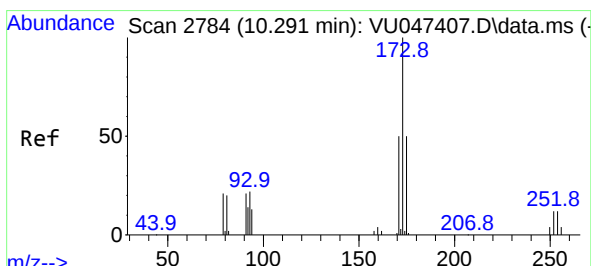
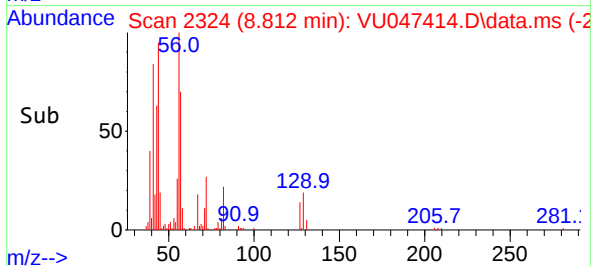
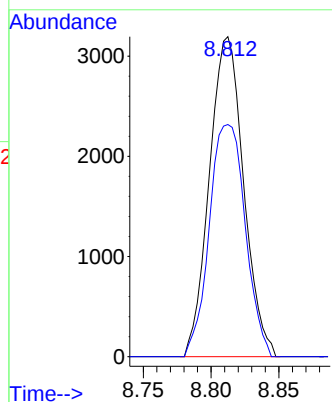
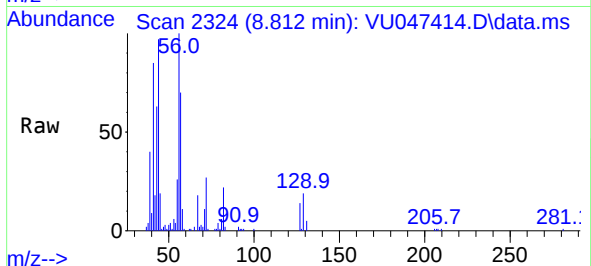
#49
Dibromochloromethane
Concen: 0.507 ug/L
RT: 8.812 min Scan# 212
Delta R.T. 0.000 min
Lab File: VU047414.D
Acq: 09 Mar 2022 19:09

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MSVOA_U
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Tgt Ion:129 Resp: 562
Ion Ratio Lower Upper
129 100
127 72.6 52.6 97.8

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#59
Bromoform
Concen: 0.343 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU047414.D
Acq: 09 Mar 2022 19:09

Tgt Ion:173 Resp: 2330
Ion Ratio Lower Upper
173 100
175 51.3 38.7 58.1
254 8.8 9.0 13.4#

