

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047349.D
 Acq On : 04 Mar 2022 23:01
 Operator : SY/MD
 Sample : N1810-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD99

Quant Time: Mar 05 01:28:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

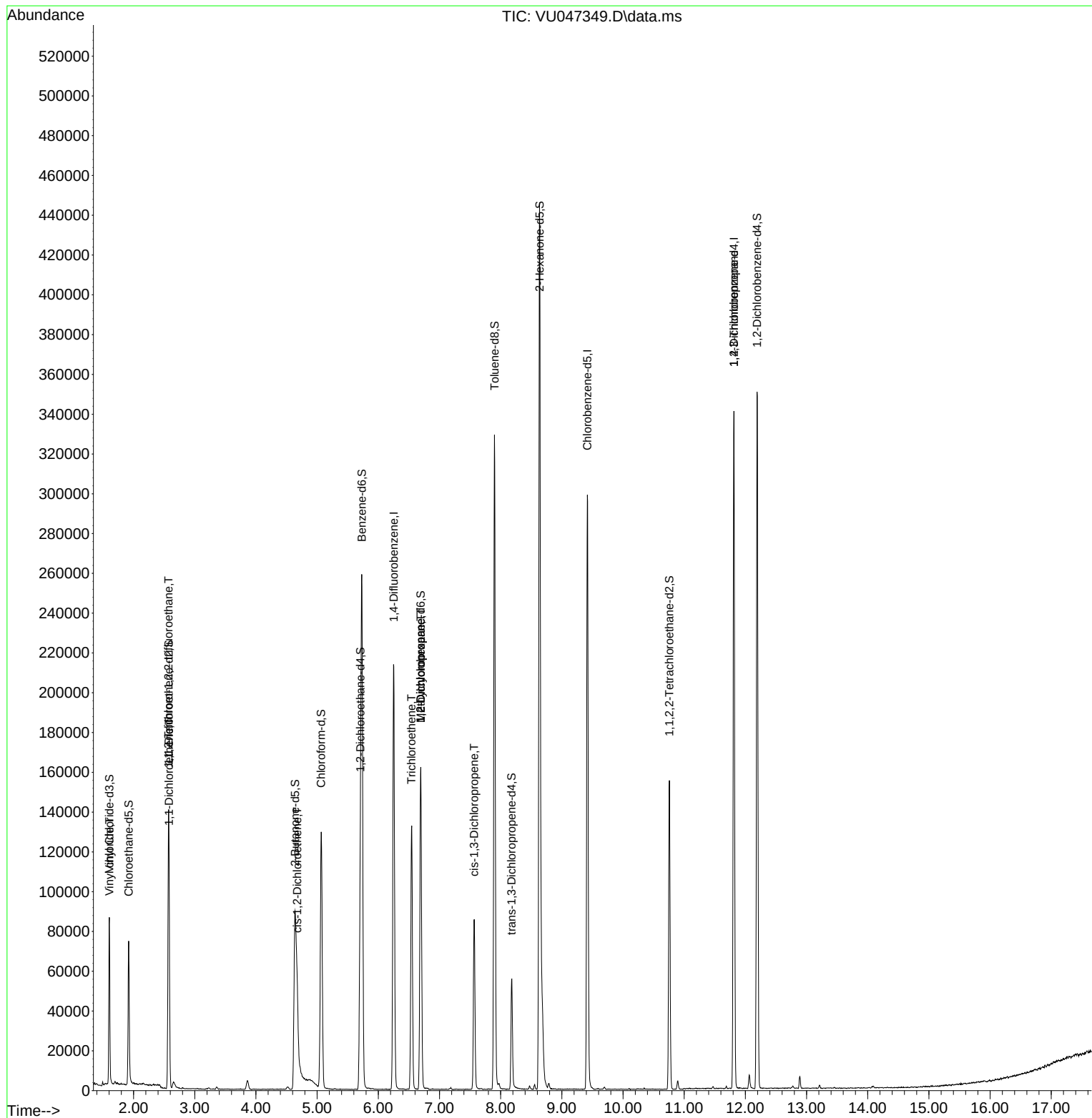
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	186421	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	177482	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	96300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60071	4.540	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.919	69	55115	4.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.575	65	25207	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.639	46	185478	42.700	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.400%
24) Chloroform-d	5.067	84	120376	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.707	65	69353	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.732	84	246988	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.694	67	79223	5.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.899	98	226857	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.179	79	32390	4.734	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.636	63	190880	49.024	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	75846	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	99009	5.247	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	1138	0.092	ug/L #	22
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	724	0.081	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	1484	0.162	ug/L #	1
22) cis-1,2-Dichloroethene	4.674	96	13824	1.280	ug/L	95
34) Trichloroethene	6.542	95	44342	4.212	ug/L	94
35) Methylcyclohexane	6.694	83	18292	1.133	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	8200	0.825	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2072	0.131	ug/L #	79
61) 1,2,3-Trichloropropane	11.812	75	10331	1.292	ug/L #	68

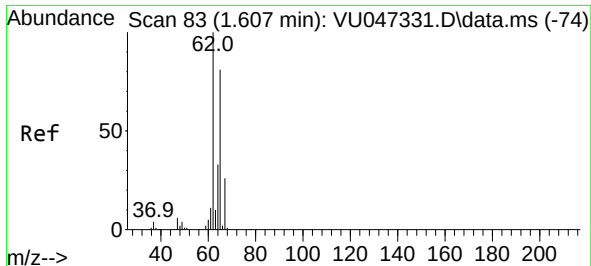
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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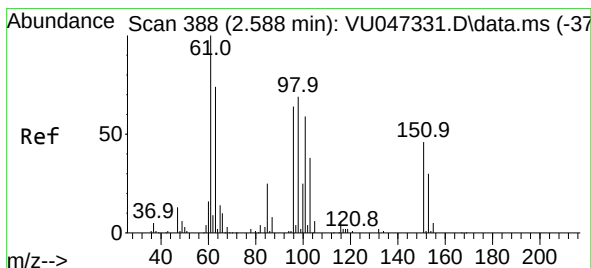
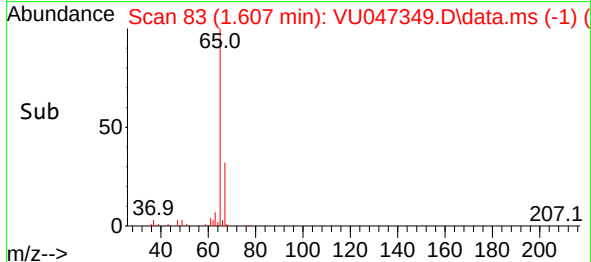
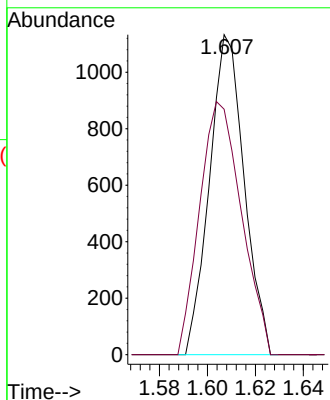
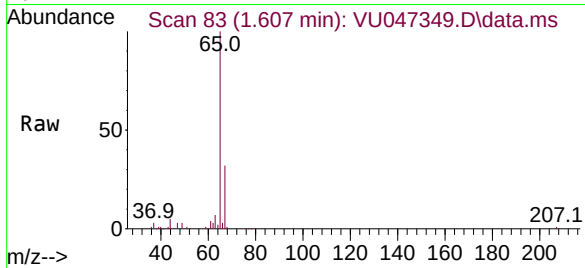




#5
 Vinyl chloride
 Concen: 0.092 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047349.D
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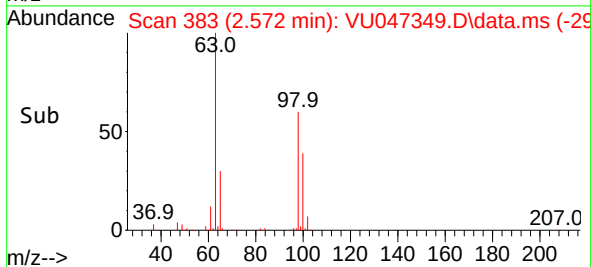
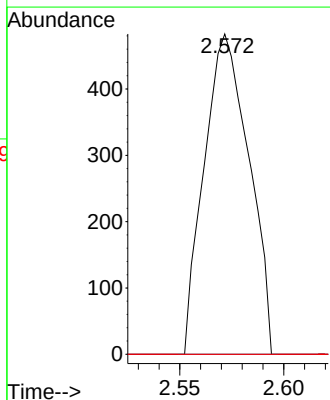
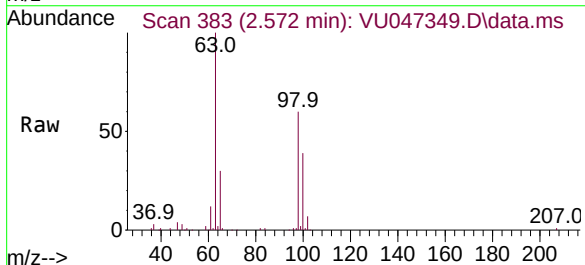
Instrument :
 MSVOA_U
 ClientSampleId :
 GBD99

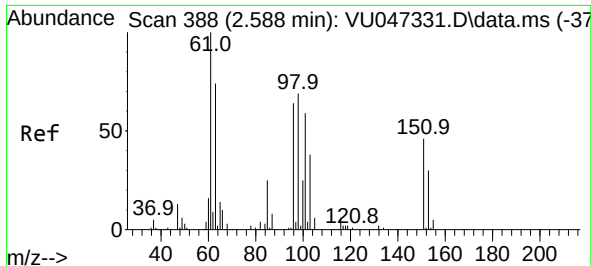
Tgt Ion: 62 Resp: 1138
 Ion Ratio Lower Upper
 62 100
 64 76.7 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.081 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047349.D
 Acq: 04 Mar 2022 23:01

Tgt Ion: 101 Resp: 724
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.162 ug/L

RT: 2.581 min Scan# 388

Delta R.T. -0.006 min

Lab File: VU047349.D

Acq: 04 Mar 2022 23:01

Instrument :

MSVOA_U

ClientSampleId :

GBD99

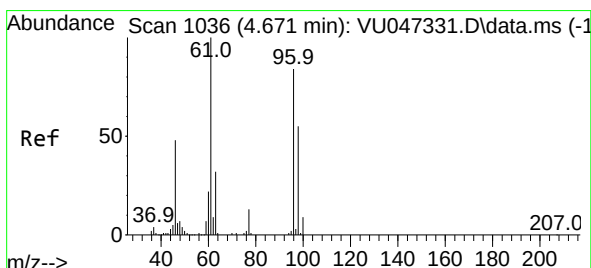
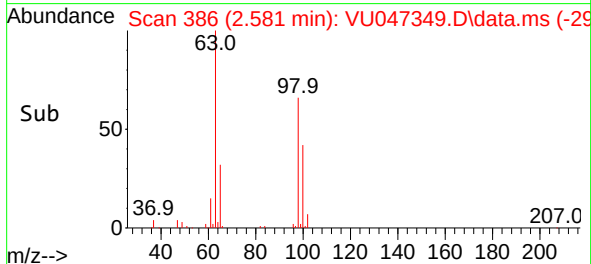
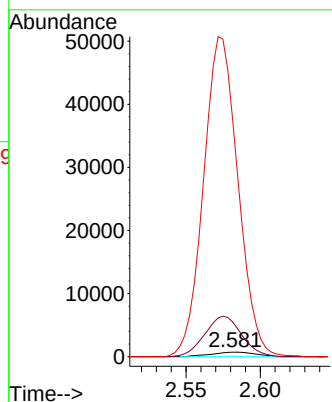
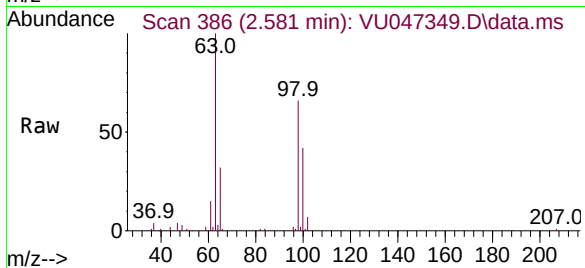
Tgt Ion: 96 Resp: 1484

Ion Ratio Lower Upper

96 100

61 773.1 124.7 231.5#

63 5308.8 105.2 195.4#



#22

cis-1,2-Dichloroethene

Concen: 1.280 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU047349.D

Acq: 04 Mar 2022 23:01

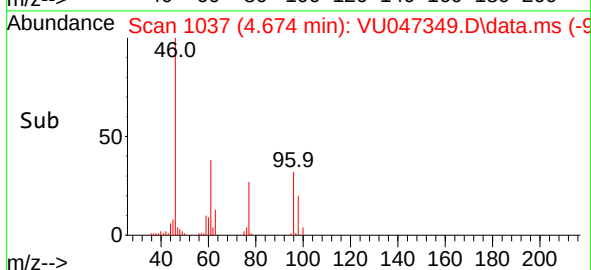
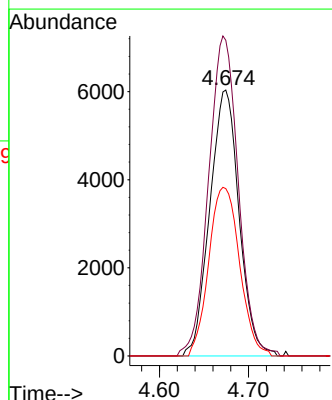
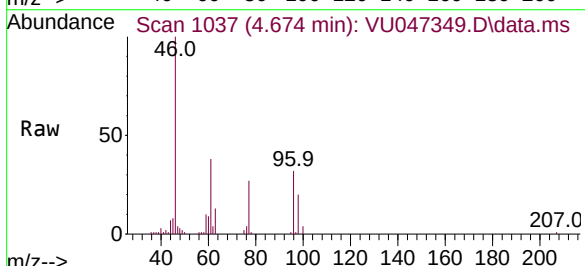
Tgt Ion: 96 Resp: 13824

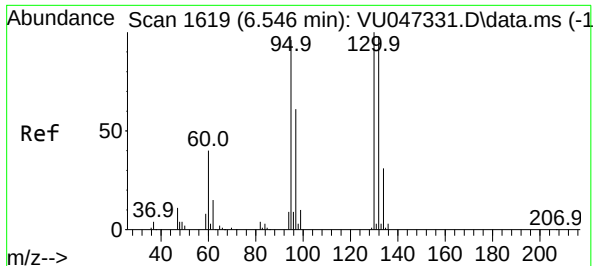
Ion Ratio Lower Upper

96 100

61 118.7 88.5 164.3

98 62.9 44.4 82.5

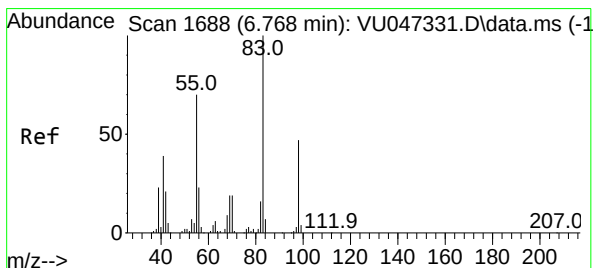
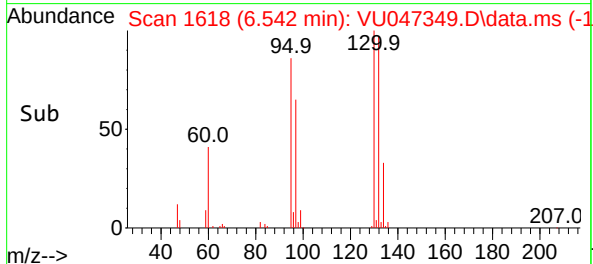
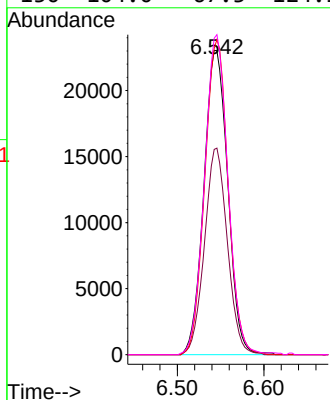
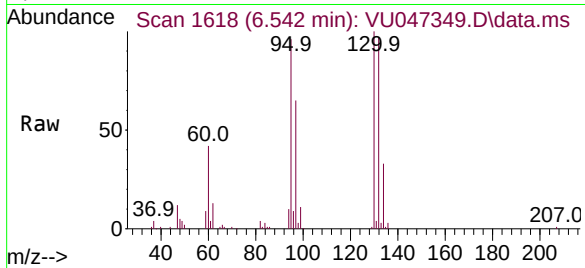




#34
Trichloroethene
Concen: 4.212 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU047349.D
Acq: 04 Mar 2022 23:01

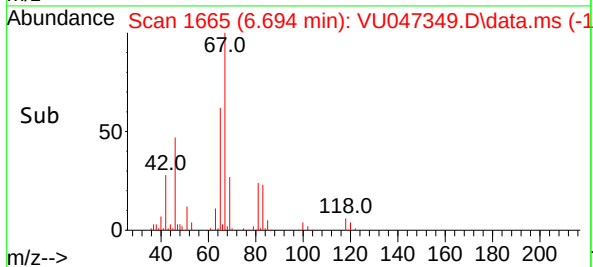
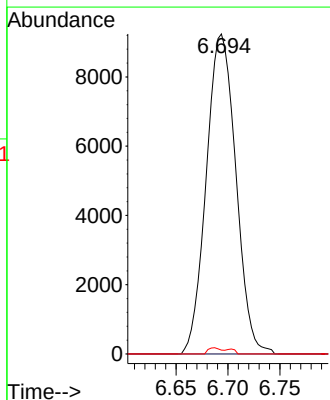
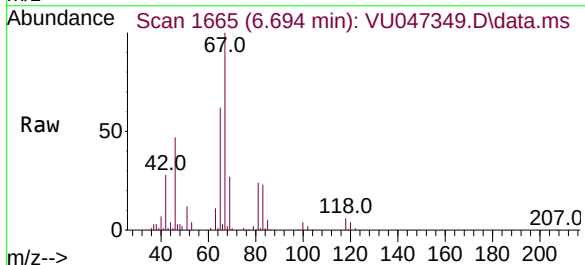
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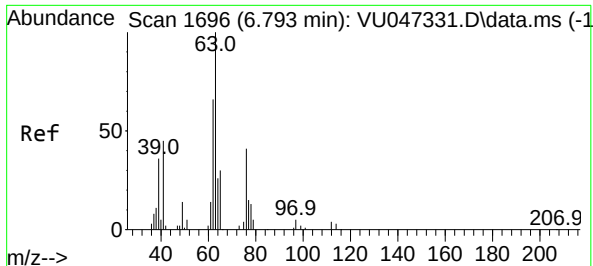
Tgt Ion: 95 Resp: 44342
Ion Ratio Lower Upper
95 100
97 67.5 46.5 86.5
132 100.7 65.1 120.9
130 104.0 67.3 124.9



#35
Methylcyclohexane
Concen: 1.133 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047349.D
Acq: 04 Mar 2022 23:01

Tgt Ion: 83 Resp: 18292
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.9 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.825 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047349.D

Acq: 04 Mar 2022 23:01

Instrument :

MSVOA_U

ClientSampleId :

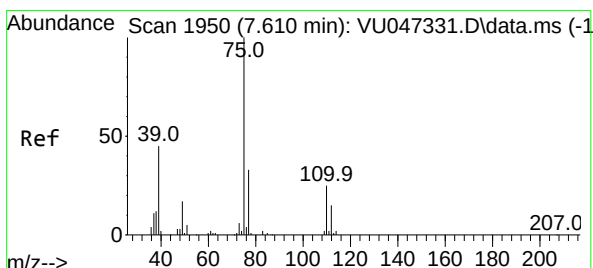
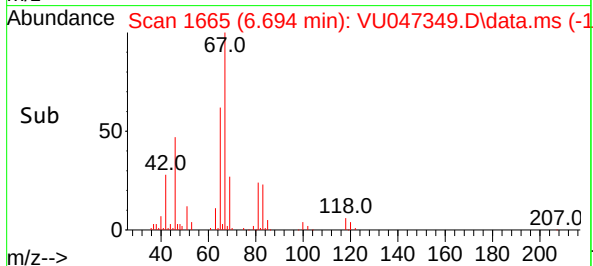
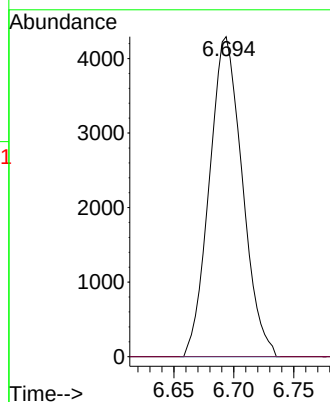
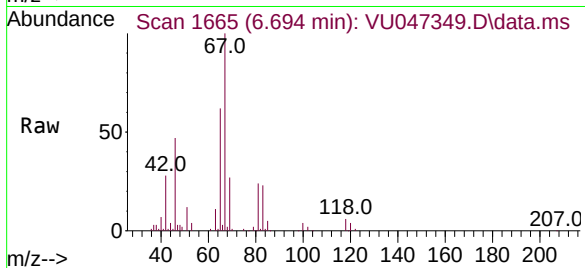
GBD99

Tgt Ion: 63 Resp: 8200

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047349.D

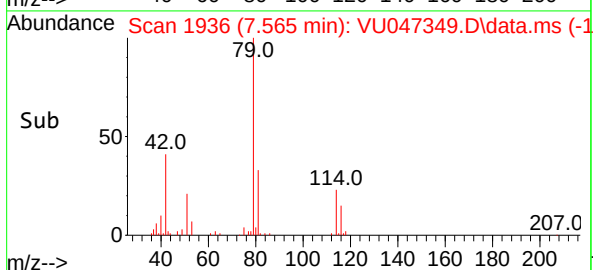
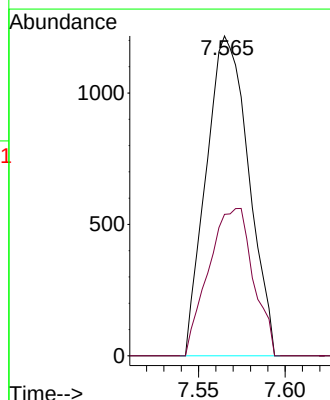
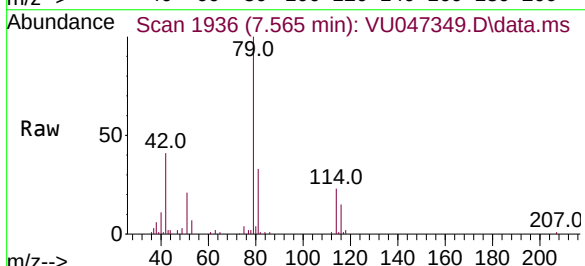
Acq: 04 Mar 2022 23:01

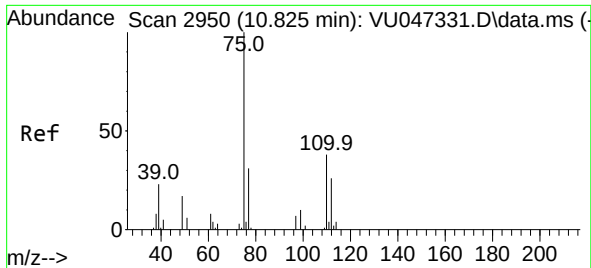
Tgt Ion: 75 Resp: 2072

Ion Ratio Lower Upper

75 100

77 44.2 22.5 41.9#





#61

1,2,3-Trichloropropane

Concen: 1.292 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU047349.D

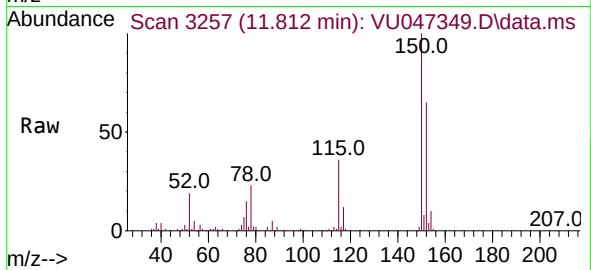
Acq: 04 Mar 2022 23:01

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 10331

Ion Ratio Lower Upper

75 100

110 1.8 29.9 44.9#

77 32.1 25.5 38.3

