

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047341.D
 Acq On : 04 Mar 2022 19:52
 Operator : SY/MD
 Sample : N1810-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD91

Quant Time: Mar 04 23:25:02 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

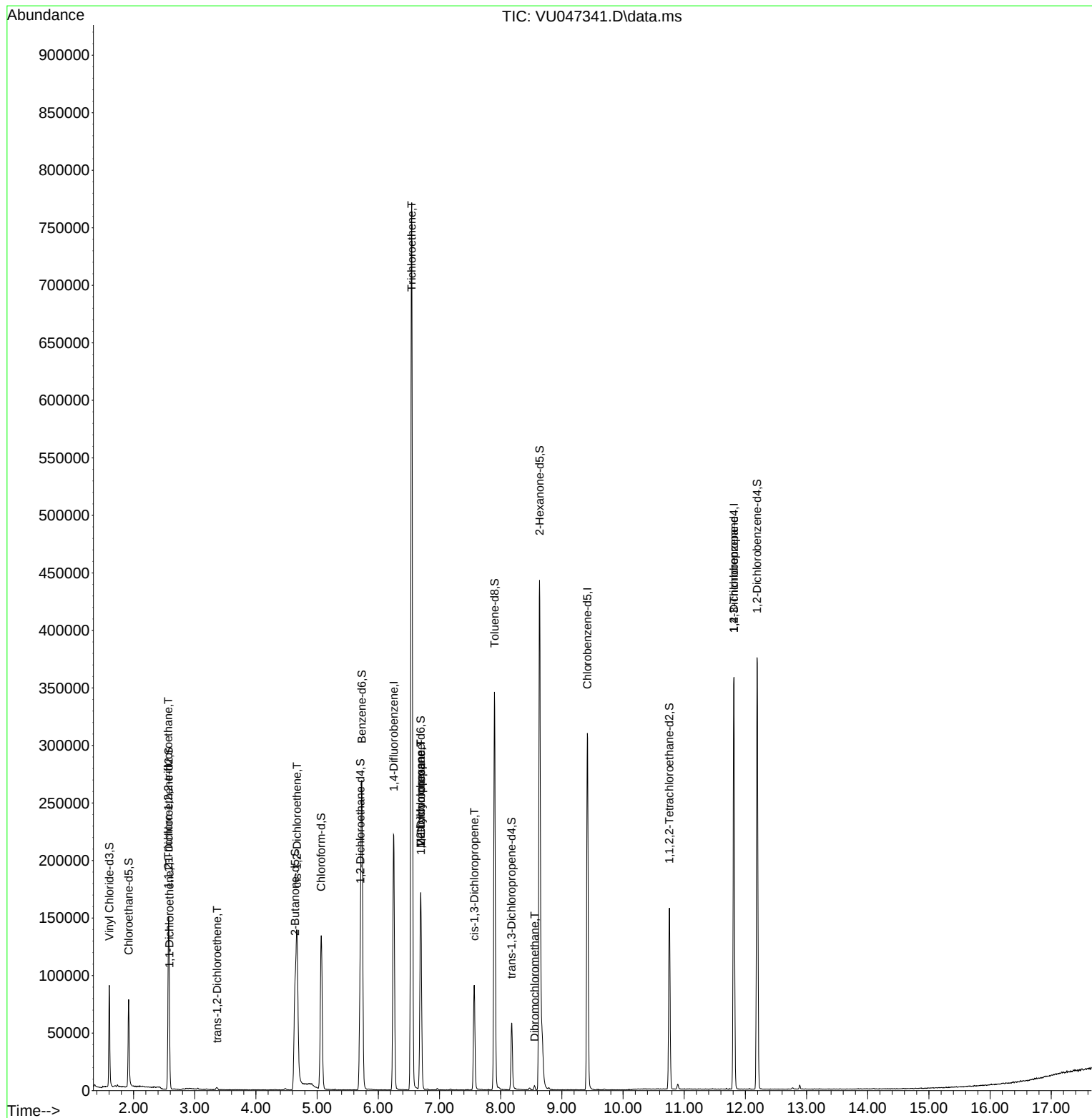
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	190969	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	180874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	99485	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	63865	4.712	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.200%	
7) Chloroethane-d5	1.919	69	57941	5.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.400%	
11) 1,1-Dichloroethene-d2	2.575	65	27570	4.816	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.400%	
20) 2-Butanone-d5	4.639	46	176001	39.553	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.100%	
24) Chloroform-d	5.067	84	125849	5.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.707	65	70020	4.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	5.732	84	258980	5.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	6.694	67	83044	5.234	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.600%	
41) Toluene-d8	7.899	98	237588	4.940	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
43) trans-1,3-Dichloroprop...	8.179	79	33592	4.818	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.400%	
46) 2-Hexanone-d5	8.636	63	191800	48.337	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.680%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	76219	4.715	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	102059	5.235	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.800%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	810	0.088	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	2793	0.298	ug/L #	1
18) trans-1,2-Dichloroethene	3.366	96	1147	0.113	ug/L	76
22) cis-1,2-Dichloroethene	4.671	96	55453	5.011	ug/L	94
34) Trichloroethene	6.546	95	258592	24.103	ug/L	92
35) Methylcyclohexane	6.694	83	19195	1.167	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	8603	0.850	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2122	0.132	ug/L #	58
49) Dibromochloromethane	8.555	129	677	0.066	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	10475	1.268	ug/L #	66

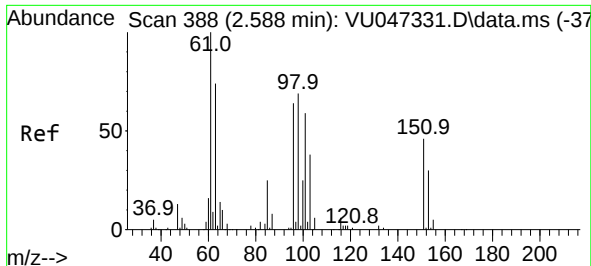
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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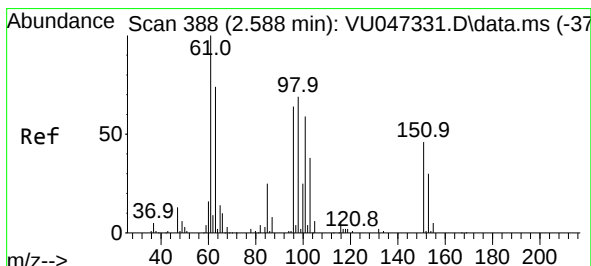
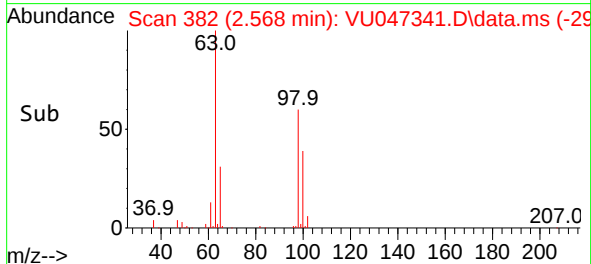
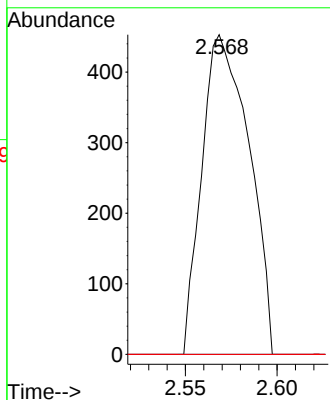
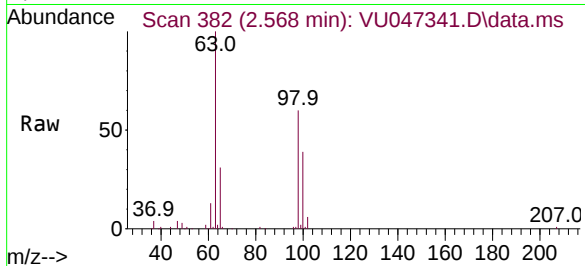




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.088 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU047341.D
 Acq: 04 Mar 2022 19:52

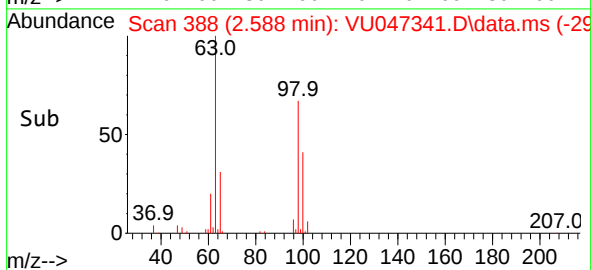
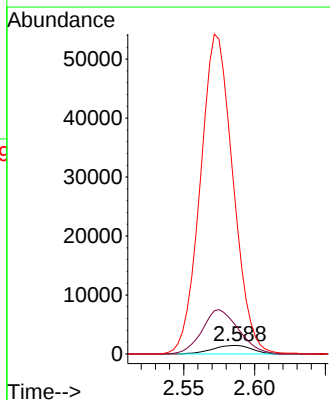
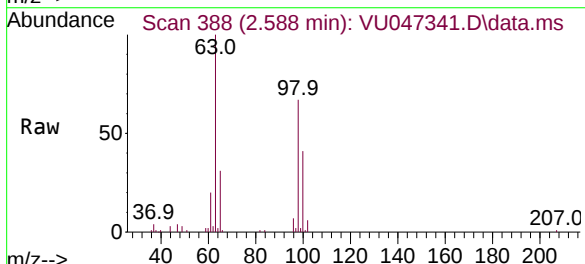
Instrument :
 MSVOA_U
 ClientSampleId :
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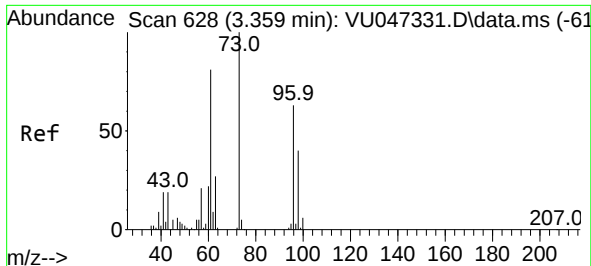
Tgt Ion:101 Resp: 810
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.298 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047341.D
 Acq: 04 Mar 2022 19:52

Tgt Ion: 96 Resp: 2793
 Ion Ratio Lower Upper
 96 100
 61 308.1 124.7 231.5#
 63 1516.3 105.2 195.4#

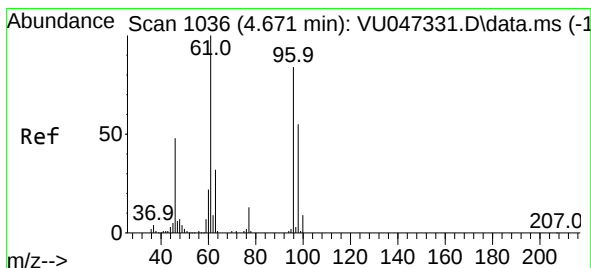
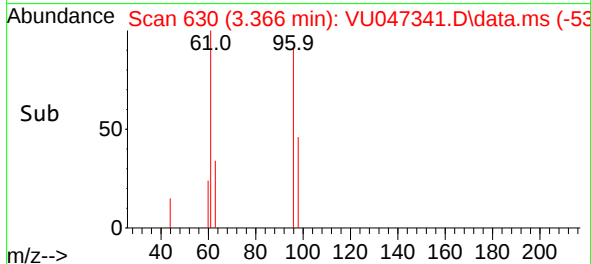
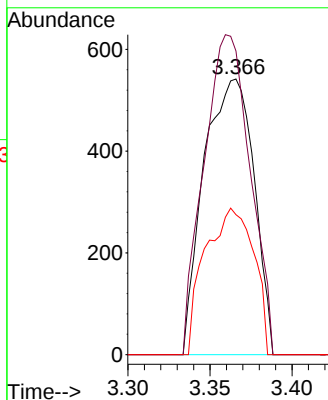
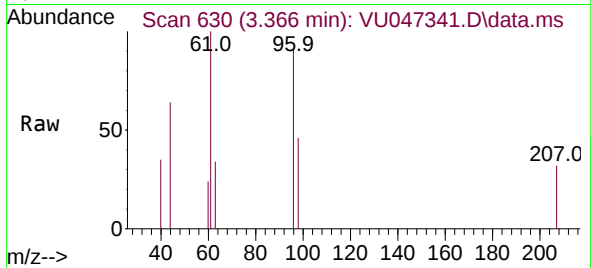




#18
trans-1,2-Dichloroethene
Concen: 0.113 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU047341.D
Acq: 04 Mar 2022 19:52

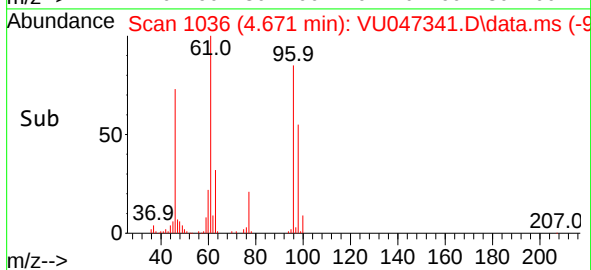
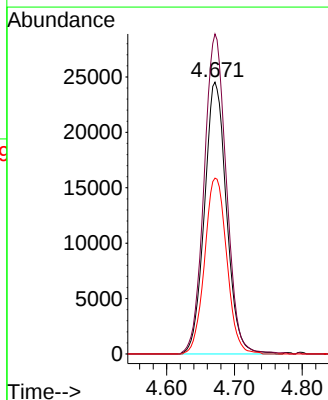
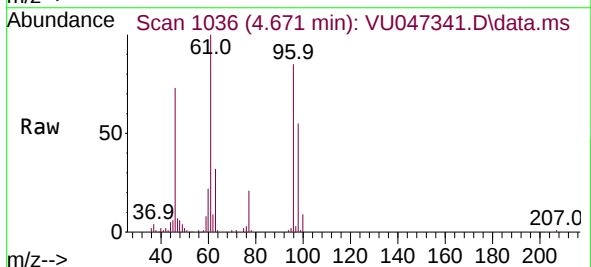
Instrument :
MSVOA_U
ClientSampleId :
GBD91

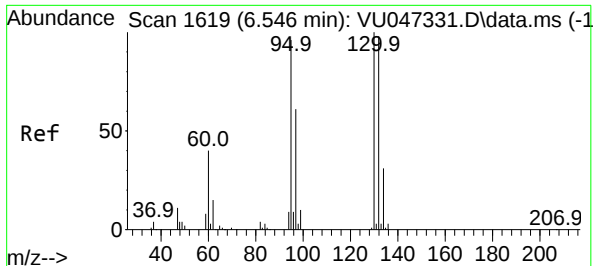
Tgt Ion: 96 Resp: 1147
Ion Ratio Lower Upper
96 100
61 110.1 100.8 187.2
98 50.7 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 5.011 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047341.D
Acq: 04 Mar 2022 19:52

Tgt Ion: 96 Resp: 55453
Ion Ratio Lower Upper
96 100
61 117.7 88.5 164.3
98 64.7 44.4 82.5

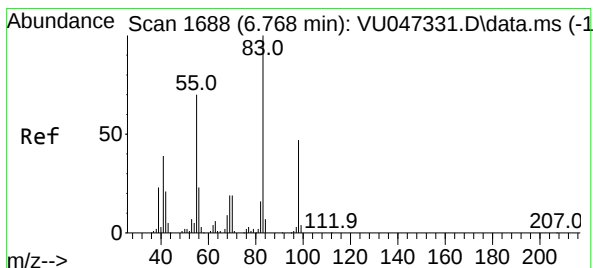
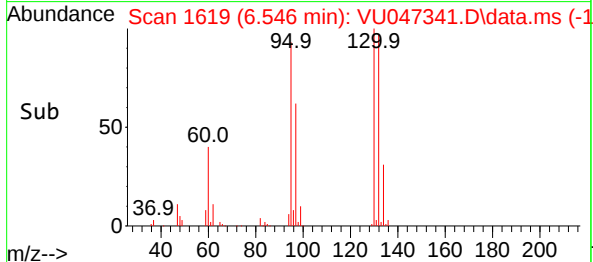
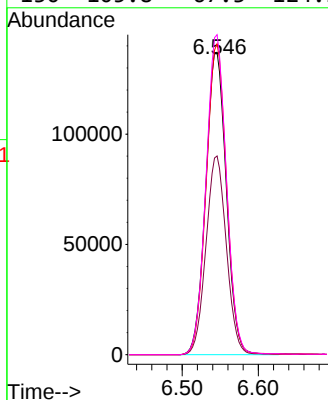
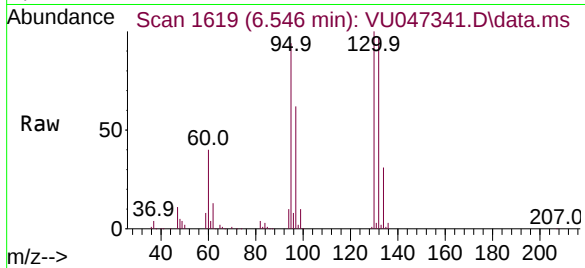




#34
Trichloroethene
Concen: 24.103 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047341.D
Acq: 04 Mar 2022 19:52

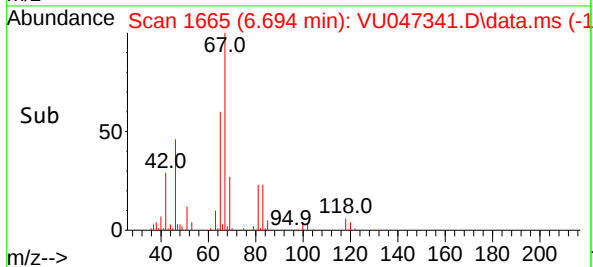
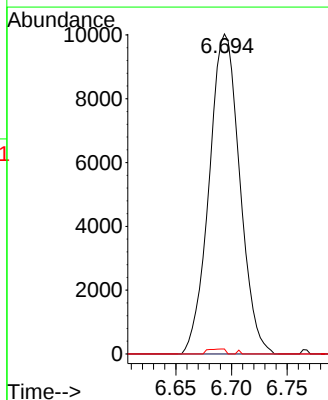
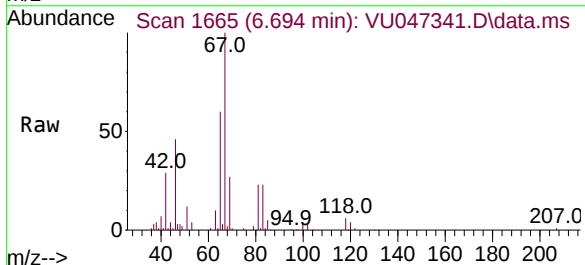
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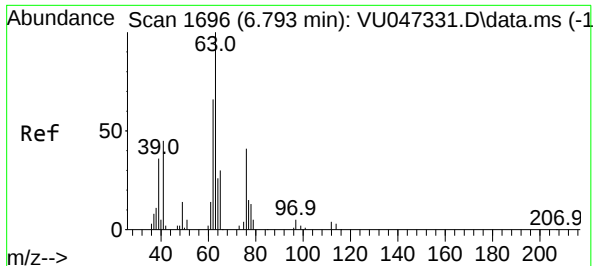
Tgt Ion: 95 Resp: 258592
Ion Ratio Lower Upper
95 100
97 65.7 46.5 86.5
132 102.8 65.1 120.9
130 105.8 67.3 124.9



#35
Methylcyclohexane
Concen: 1.167 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047341.D
Acq: 04 Mar 2022 19:52

Tgt Ion: 83 Resp: 19195
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 3.8 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.850 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU047341.D

Acq: 04 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

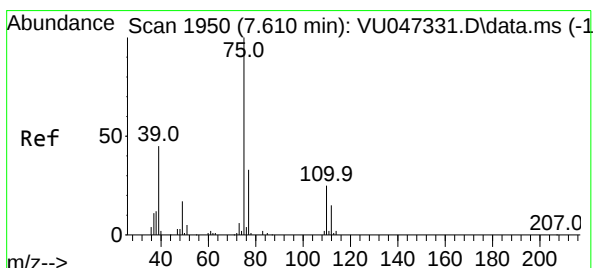
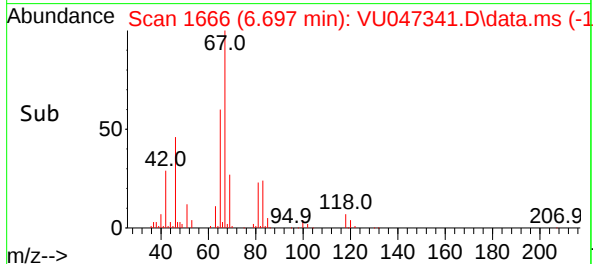
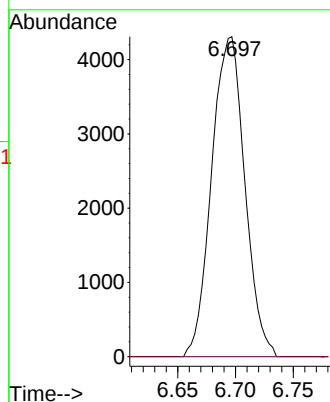
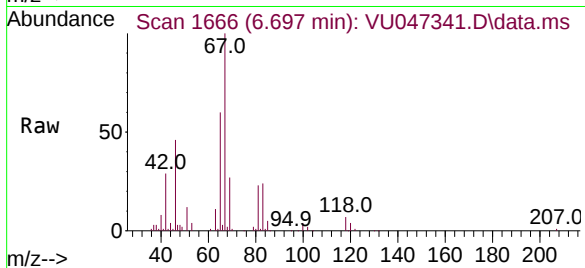
GBD91

Tgt Ion: 63 Resp: 8603

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.132 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047341.D

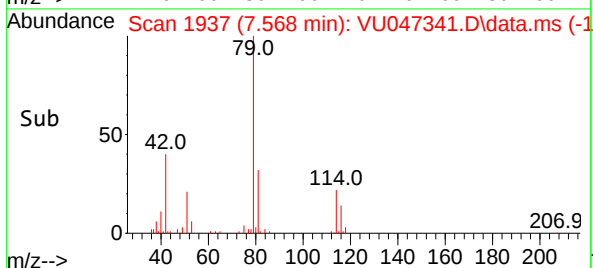
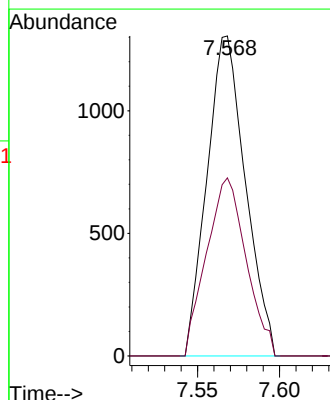
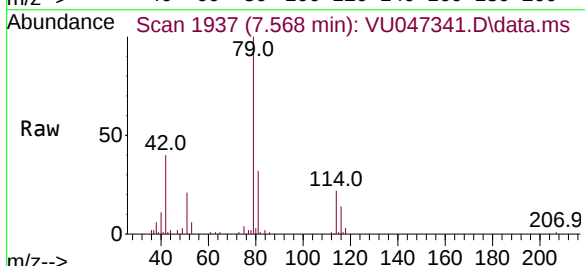
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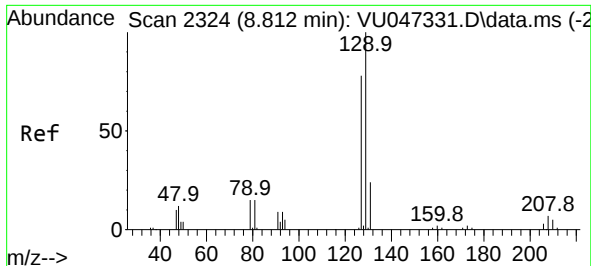
Tgt Ion: 75 Resp: 2122

Ion Ratio Lower Upper

75 100

77 55.6 22.5 41.9#





#49

Dibromochloromethane

Concen: 0.066 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

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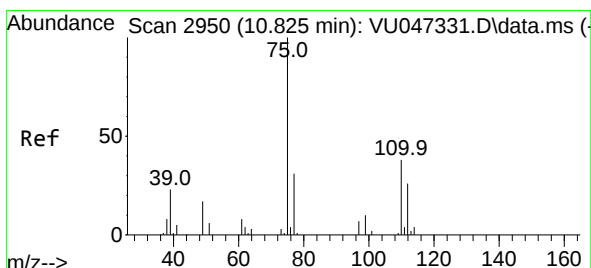
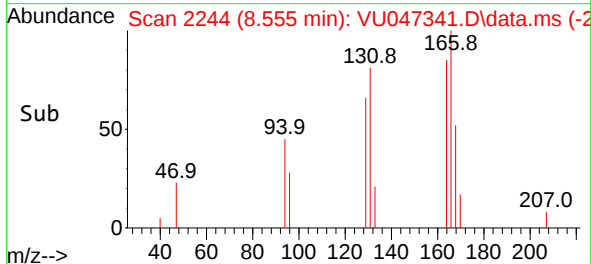
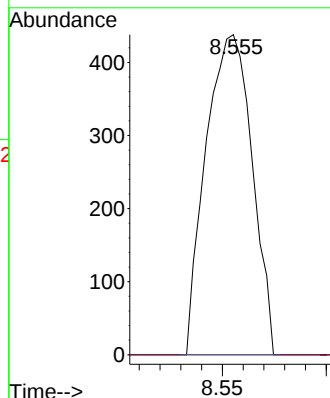
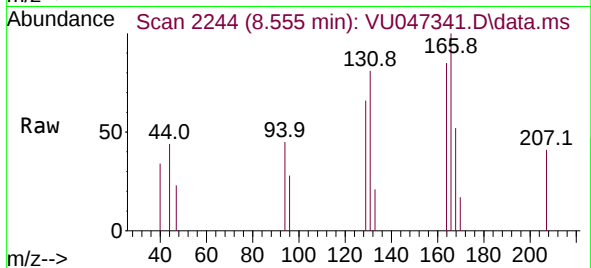
GBD91

Tgt Ion:129 Resp: 677

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.268 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047341.D

Acq: 04 Mar 2022 19:52

Tgt Ion: 75 Resp: 10475

Ion Ratio Lower Upper

75 100

110 1.2 29.9 44.9#

77 33.4 25.5 38.3

