

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047364.D
 Acq On : 07 Mar 2022 13:57
 Operator : SY/MD
 Sample : N1822-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA4

Quant Time: Mar 08 03:00:51 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)

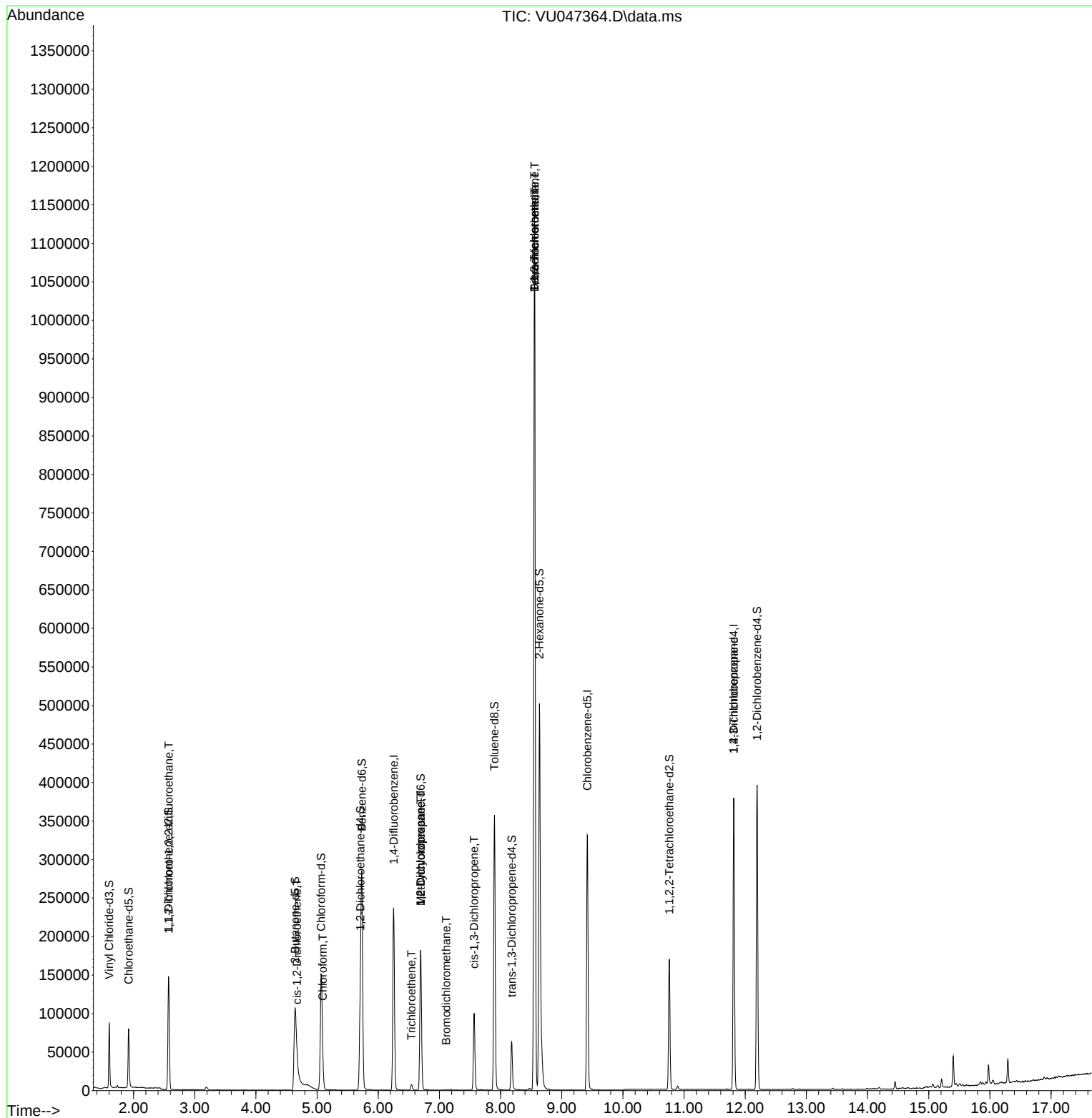
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	205594	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	193583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107638	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	61241	4.197	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.919	69	57930	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.572	65	26621	4.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.642	46	204631	42.716	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.440%
24) Chloroform-d	5.067	84	137118	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.706	65	76119	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.732	84	270845	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.694	67	87037	5.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.899	98	248136	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.182	79	36595	4.904	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.636	63	209749	49.390	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84229	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	110344	5.231	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	932	0.094	ug/L #	21
22) cis-1,2-Dichloroethene	4.671	96	1338	0.112	ug/L	81
25) Chloroform	5.092	83	17685	0.887	ug/L	96
34) Trichloroethene	6.542	95	2368	0.206	ug/L	93
35) Methylcyclohexane	6.694	83	20732	1.177	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	9209	0.850	ug/L #	88
38) Bromodichloromethane	7.112	83	765	0.054	ug/L #	83
39) cis-1,3-Dichloropropene	7.568	75	2450	0.142	ug/L #	75
45) 1,1,2-Trichloroethane	8.552	97	2056	0.219	ug/L #	9
47) Tetrachloroethene	8.555	164	266884	27.283	ug/L	93
49) Dibromochloromethane	8.555	129	245849	22.297	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	11264	1.260	ug/L #	67

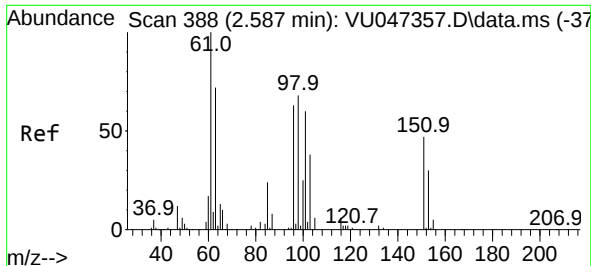
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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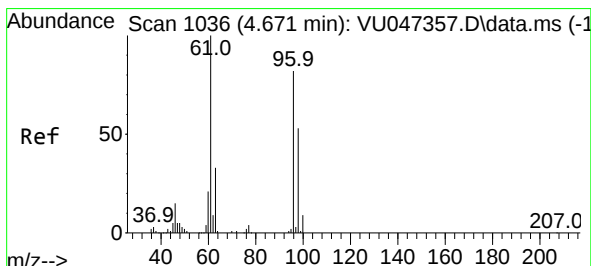
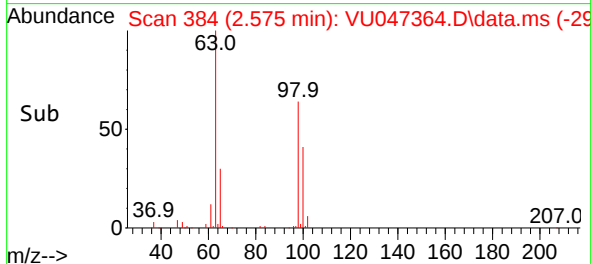
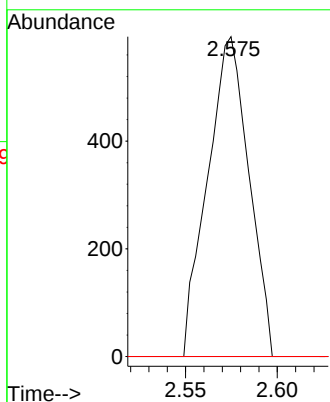
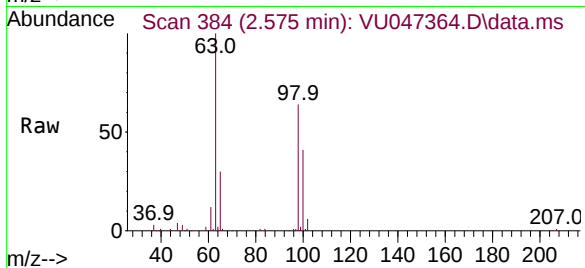




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.094 ug/L
RT: 2.575 min Scan# 388
Delta R.T. -0.013 min
Lab File: VU047364.D
Acq: 07 Mar 2022 13:57

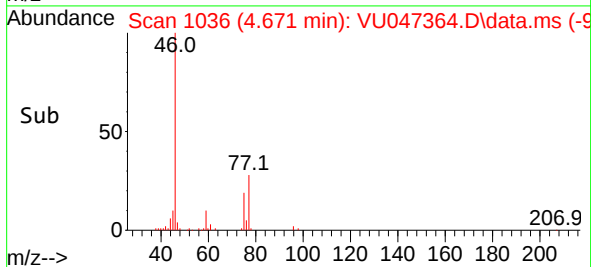
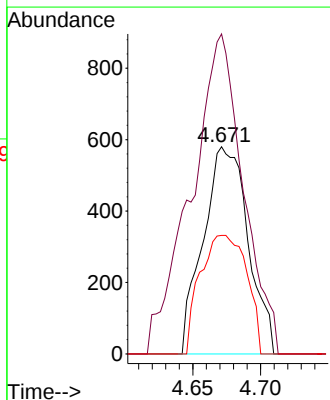
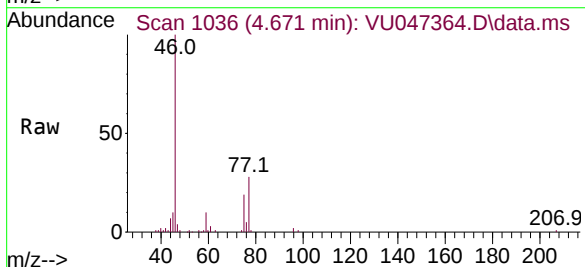
Instrument :
MSVOA_U
ClientSampleId :
C0AA4

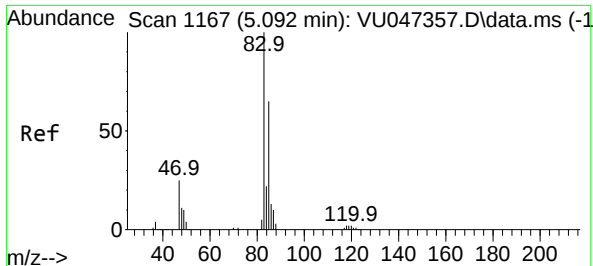
Tgt Ion:101 Resp: 932
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#22
cis-1,2-Dichloroethene
Concen: 0.112 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047364.D
Acq: 07 Mar 2022 13:57

Tgt Ion: 96 Resp: 1338
Ion Ratio Lower Upper
96 100
61 154.5 88.5 164.3
98 57.2 44.4 82.5





#25

Chloroform

Concen: 0.887 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047364.D

Acq: 07 Mar 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

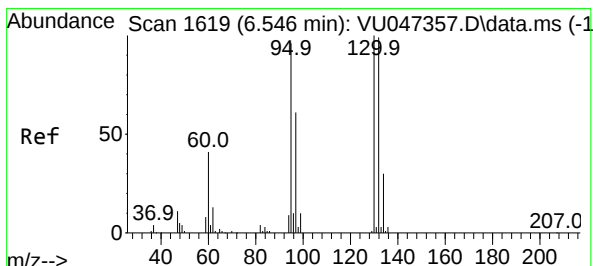
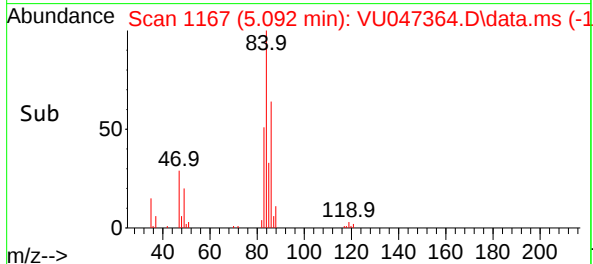
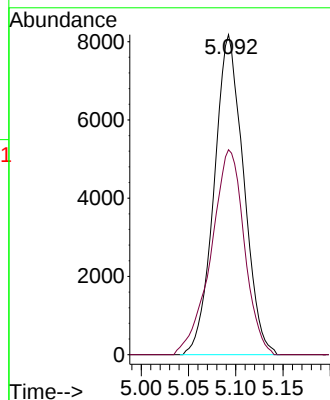
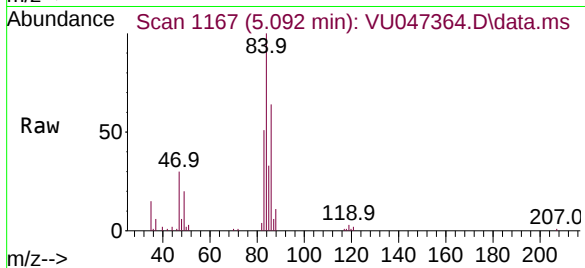
C0AA4

Tgt Ion: 83 Resp: 17685

Ion Ratio Lower Upper

83 100

85 64.1 46.9 87.1



#34

Trichloroethene

Concen: 0.206 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU047364.D

Acq: 07 Mar 2022 13:57

Tgt Ion: 95 Resp: 2368

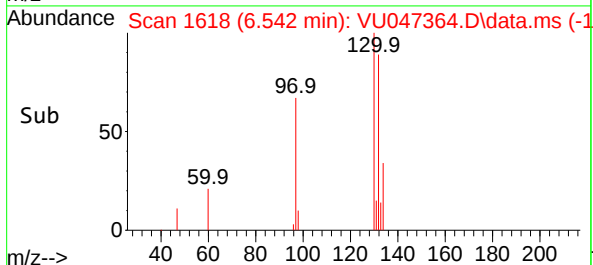
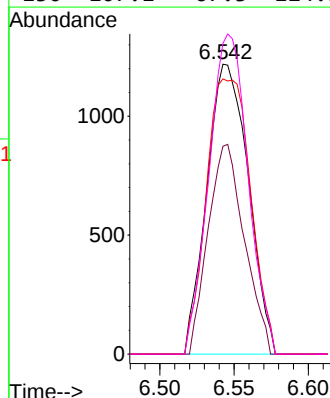
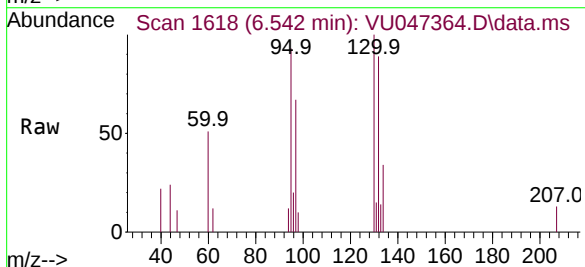
Ion Ratio Lower Upper

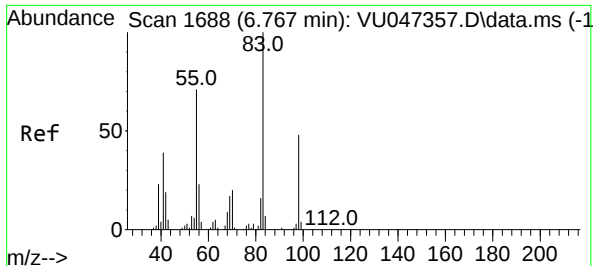
95 100

97 71.7 46.5 86.5

132 94.9 65.1 120.9

130 107.1 67.3 124.9

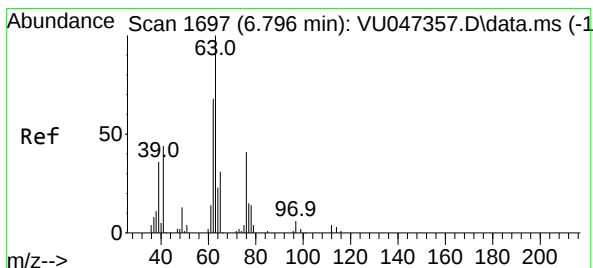
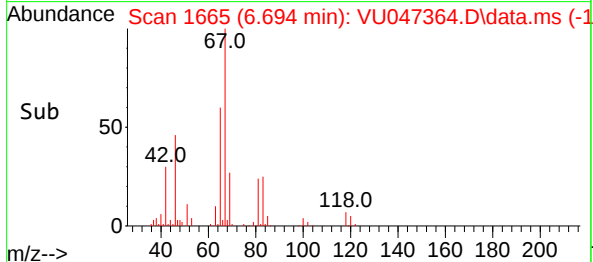
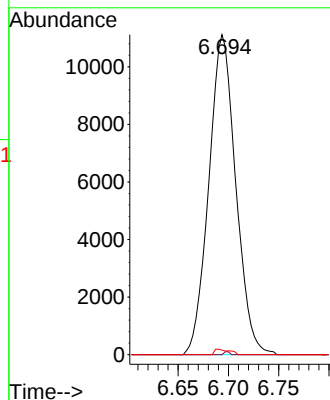
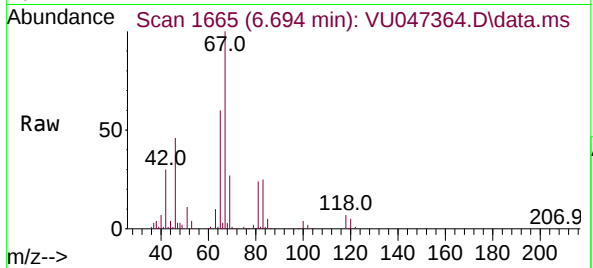




#35
Methylcyclohexane
Concen: 1.177 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047364.D
Acq: 07 Mar 2022 13:57

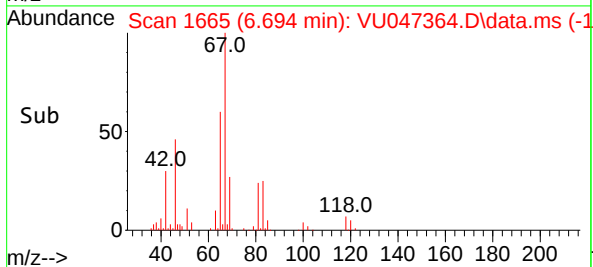
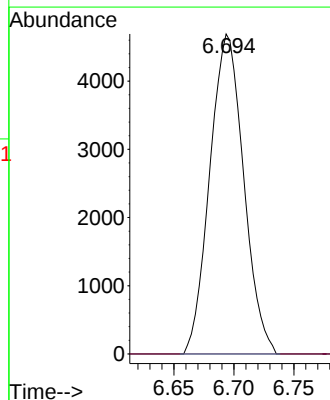
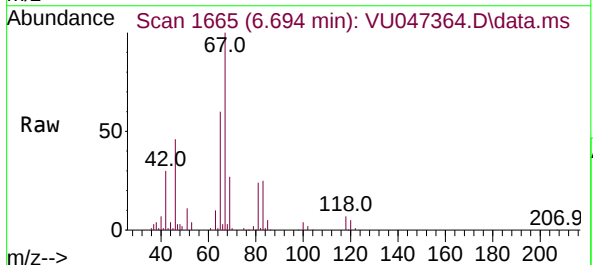
Instrument :
MSVOA_U
ClientSampleId :
C0AA4

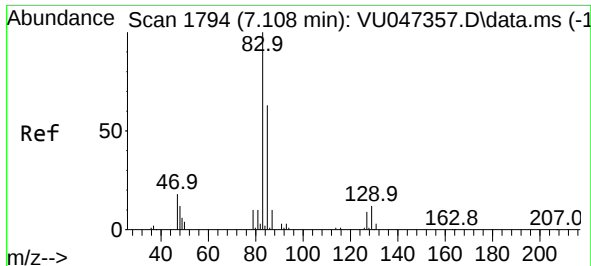
Tgt Ion: 83 Resp: 20732
Ion Ratio Lower Upper
83 100
55 0.2 61.9 92.9#
98 1.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.850 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047364.D
Acq: 07 Mar 2022 13:57

Tgt Ion: 63 Resp: 9209
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#38

Bromodichloromethane

Concen: 0.054 ug/L

RT: 7.112 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047364.D

Acq: 07 Mar 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

C0AA4

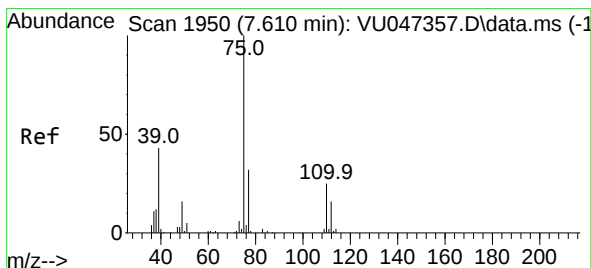
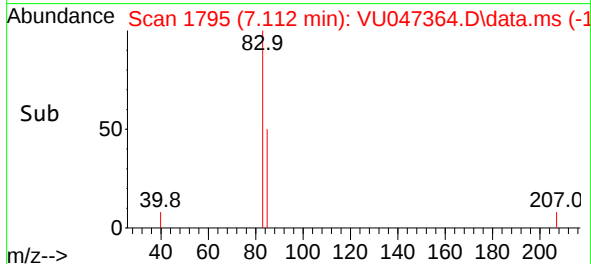
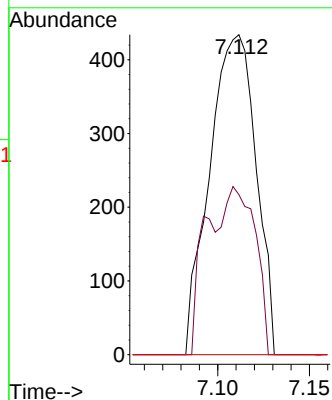
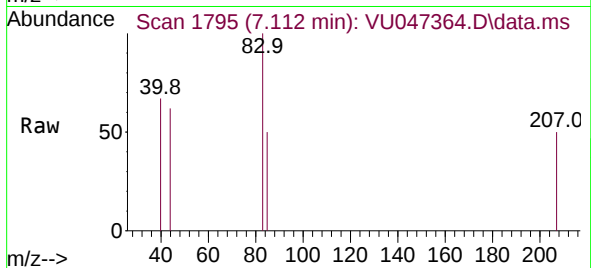
Tgt Ion: 83 Resp: 765

Ion Ratio Lower Upper

83 100

85 50.0 44.0 81.8

127 0.0 6.3 9.5#



#39

cis-1,3-Dichloropropene

Concen: 0.142 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047364.D

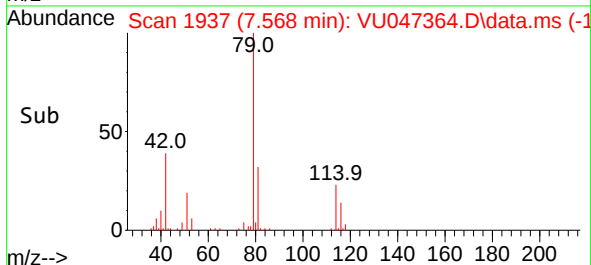
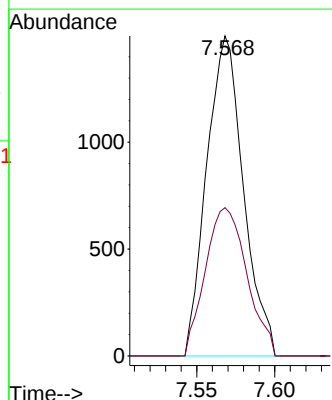
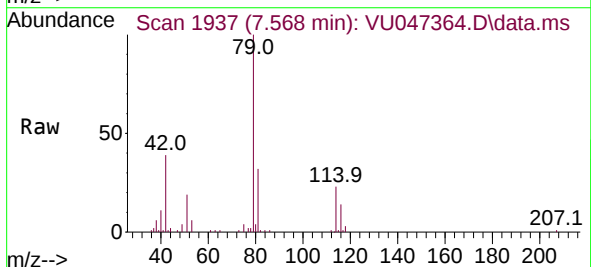
Acq: 07 Mar 2022 13:57

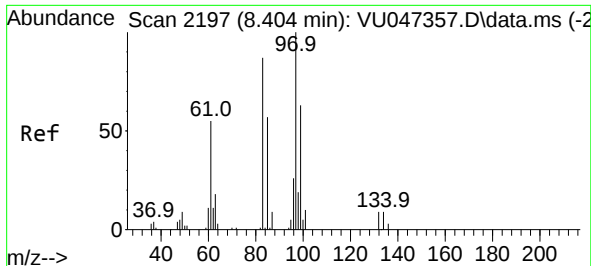
Tgt Ion: 75 Resp: 2450

Ion Ratio Lower Upper

75 100

77 46.4 22.5 41.9#

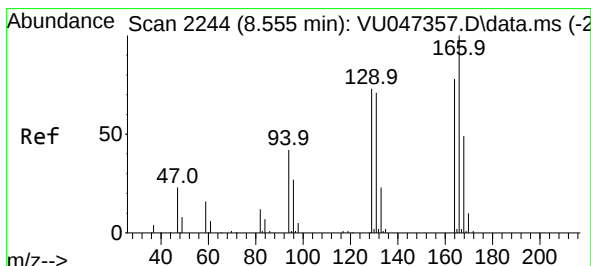
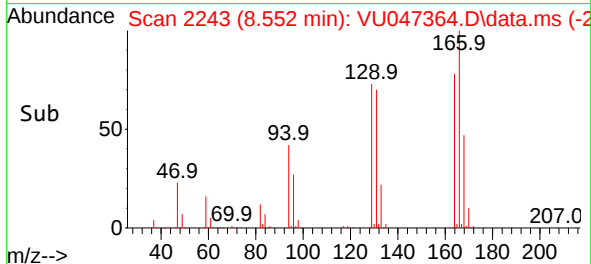
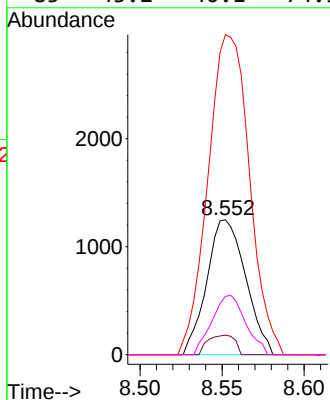
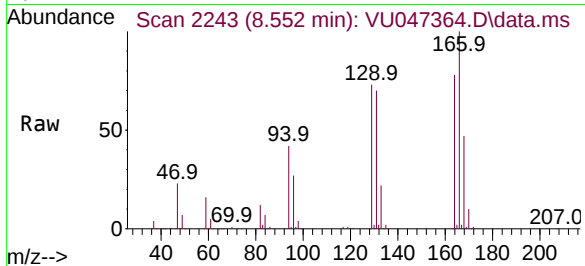




#45
1,1,2-Trichloroethane
Concen: 0.219 ug/L
RT: 8.552 min Scan# 2197
Delta R.T. 0.148 min
Lab File: VU047364.D
Acq: 07 Mar 2022 13:57

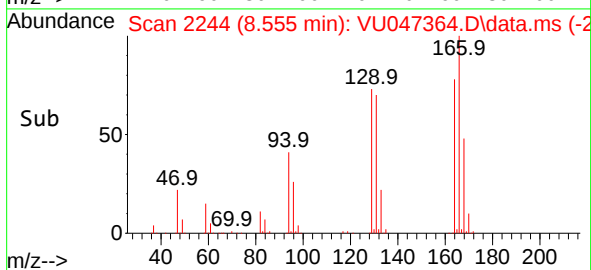
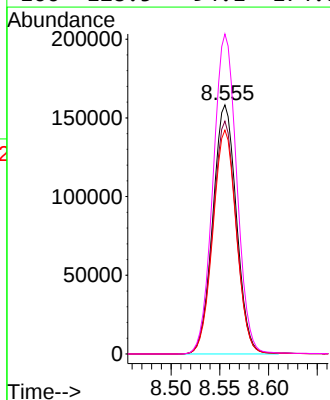
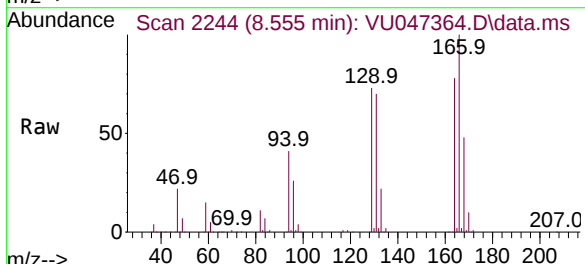
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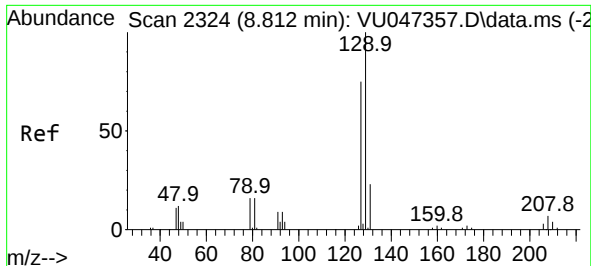
Tgt Ion: 97	Resp: 2056
Ion Ratio	Lower Upper
97 100	
99 14.5	42.3 78.5#
83 237.1	62.0 115.2#
85 43.2	40.1 74.5



#47
Tetrachloroethene
Concen: 27.283 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047364.D
Acq: 07 Mar 2022 13:57

Tgt Ion: 164	Resp: 266884
Ion Ratio	Lower Upper
164 100	
129 93.4	71.8 133.4
131 89.9	68.5 127.3
166 128.5	94.1 174.8





#49

Dibromochloromethane

Concen: 22.297 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU047364.D

Acq: 07 Mar 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

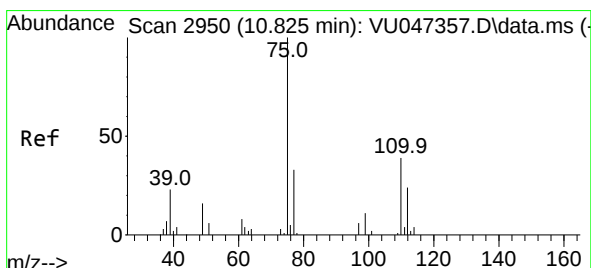
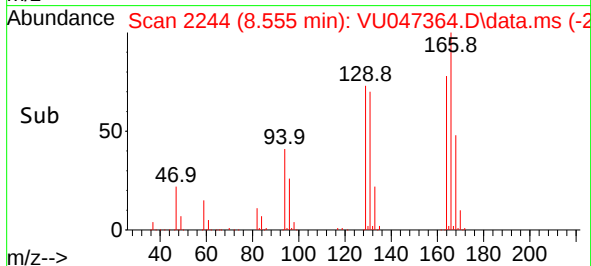
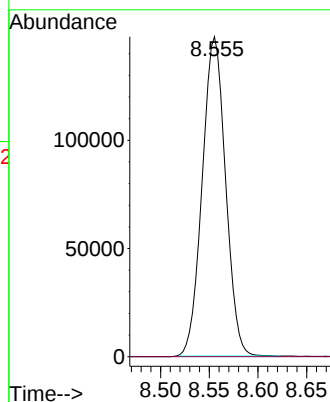
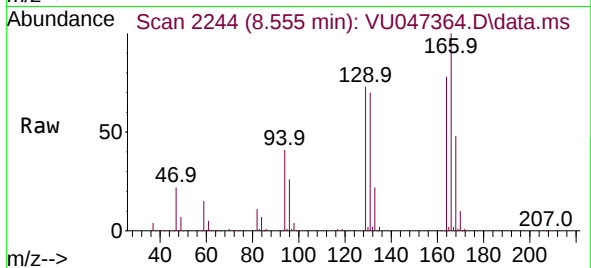
C0AA4

Tgt Ion:129 Resp: 245849

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.260 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047364.D

Acq: 07 Mar 2022 13:57

Tgt Ion: 75 Resp: 11264

Ion Ratio Lower Upper

75 100

110 1.6 29.9 44.9#

77 32.7 25.5 38.3

