

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047350.D
 Acq On : 04 Mar 2022 23:24
 Operator : SY/MD
 Sample : N1810-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBDA1

Quant Time: Mar 05 01:28:21 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)

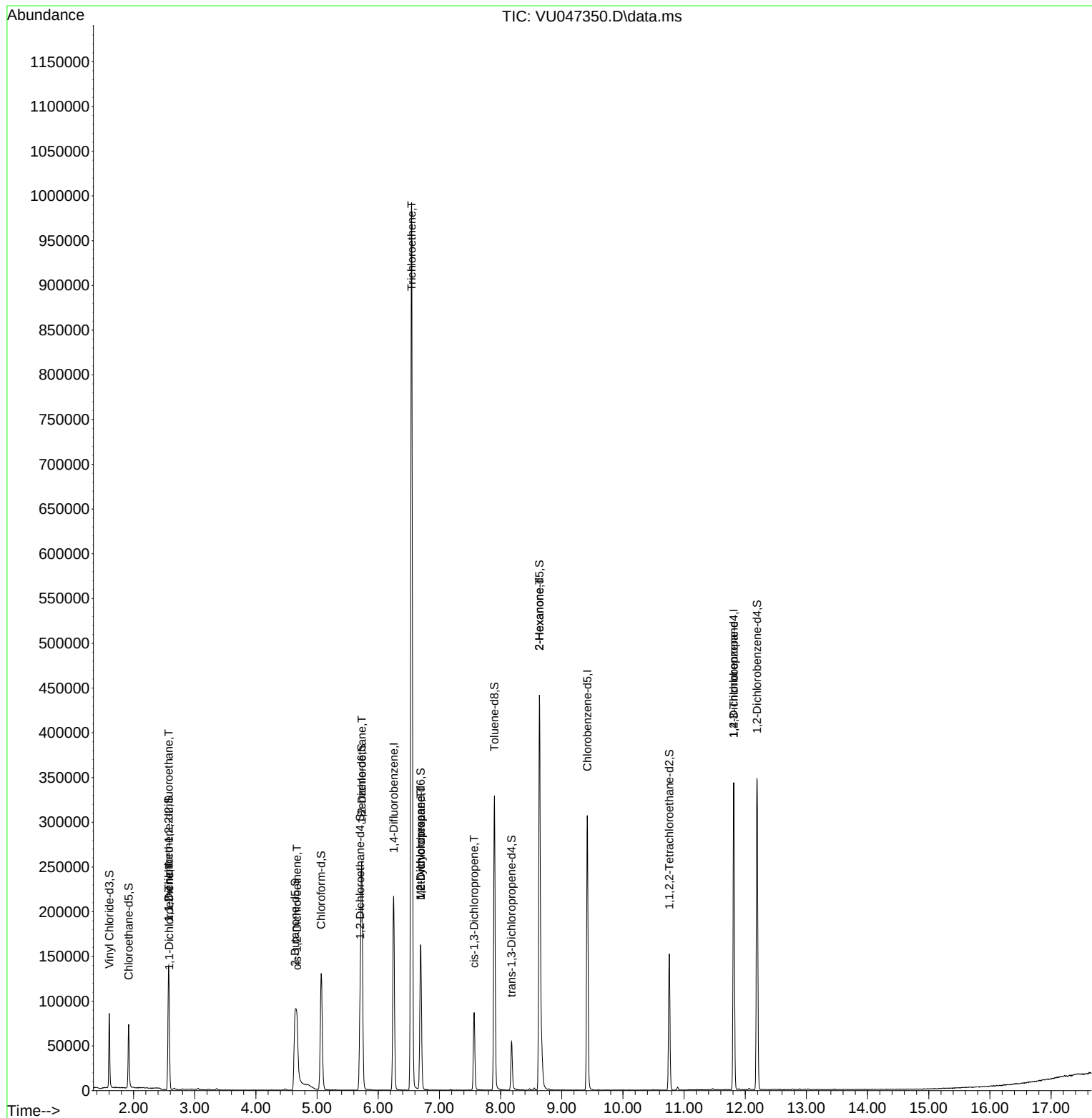
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	186719	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	179857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59496	4.489	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.919	69	53904	4.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.575	65	25267	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.642	46	178895	41.119	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.240%
24) Chloroform-d	5.067	84	119539	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.703	65	69118	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.729	84	243200	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.694	67	78669	4.986	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	222426	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.179	79	31537	4.549	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.636	63	187546	47.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	75347	4.688	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	97516	5.219	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	570	0.063	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	2032	0.222	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	24732	2.286	ug/L	93
27) 1,2-Dichloroethane	5.732	62	1216	0.100	ug/L #	73
34) Trichloroethene	6.546	95	336488	31.540	ug/L	93
35) Methylcyclohexane	6.694	83	18058	1.104	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	8373	0.832	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2044	0.128	ug/L #	65
48) 2-Hexanone	8.636	43	22329	3.943	ug/L #	64
61) 1,2,3-Trichloropropane	11.812	75	10242	1.294	ug/L #	67

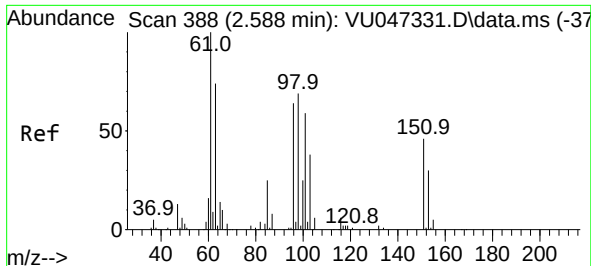
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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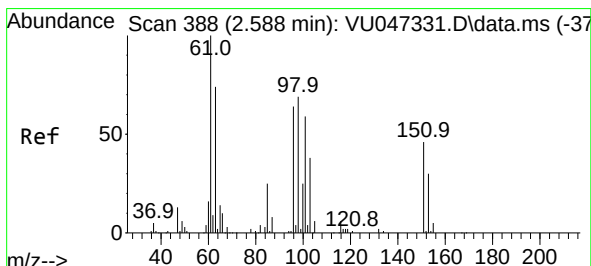
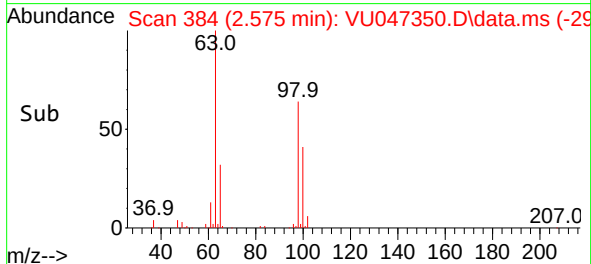
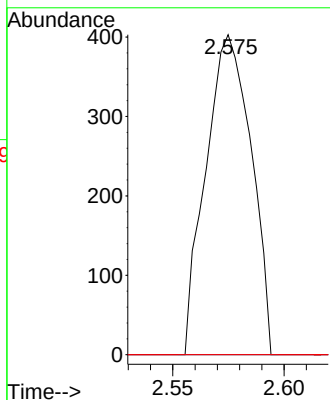
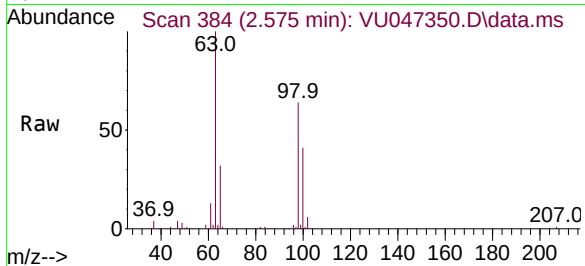




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.063 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU047350.D
Acq: 04 Mar 2022 23:24

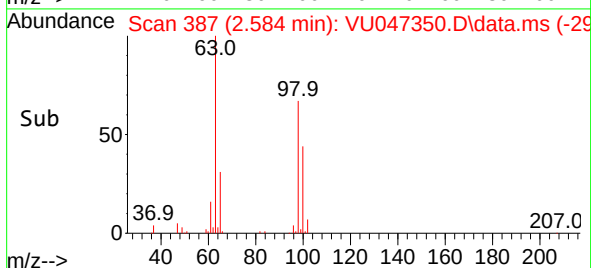
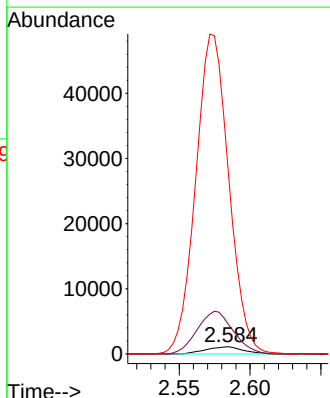
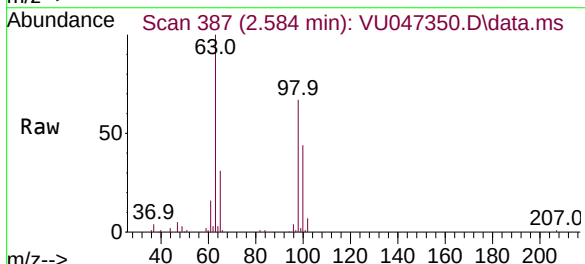
Instrument :
MSVOA_U
ClientSampleId :
GBDA1

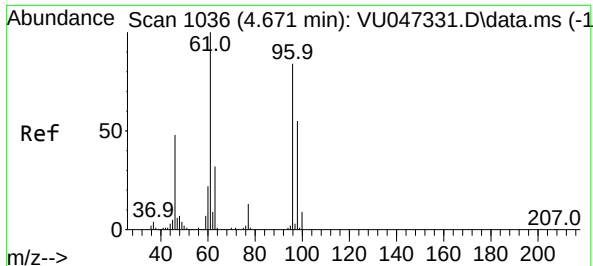
Tgt Ion:101 Resp: 570
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.222 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047350.D
Acq: 04 Mar 2022 23:24

Tgt Ion: 96 Resp: 2032
Ion Ratio Lower Upper
96 100
61 420.6 124.7 231.5#
63 2580.5 105.2 195.4#





#22

cis-1,2-Dichloroethene

Concen: 2.286 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047350.D

Acq: 04 Mar 2022 23:24

Instrument :

MSVOA_U

ClientSampleId :

GBDA1

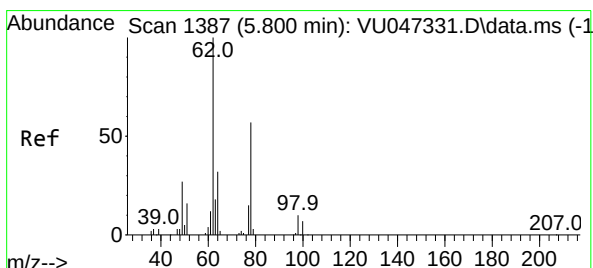
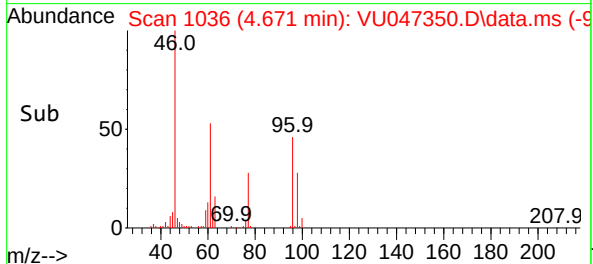
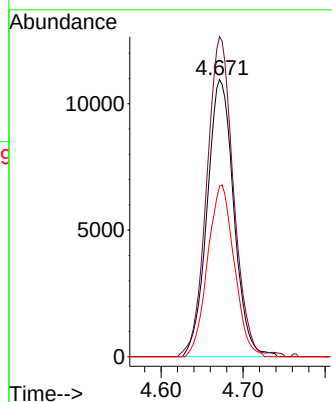
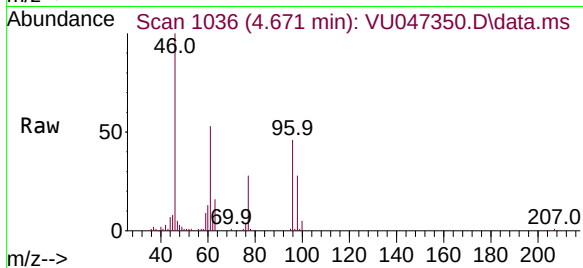
Tgt Ion: 96 Resp: 24732

Ion Ratio Lower Upper

96 100

61 115.5 88.5 164.3

98 61.5 44.4 82.5



#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.067 min

Lab File: VU047350.D

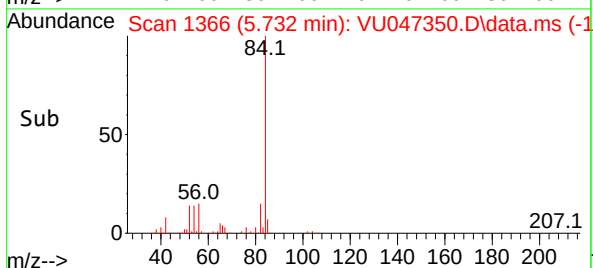
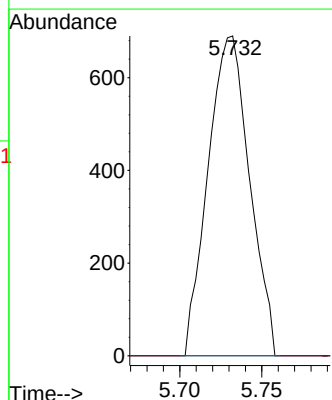
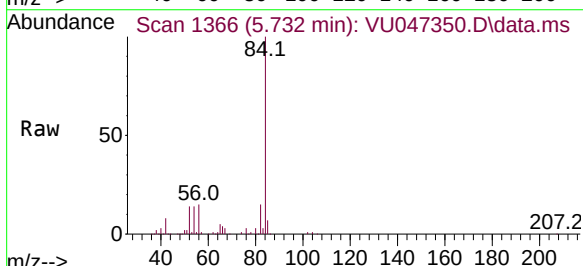
Acq: 04 Mar 2022 23:24

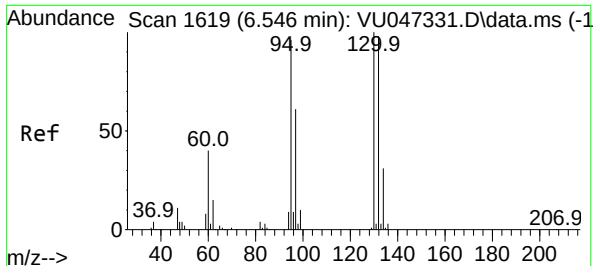
Tgt Ion: 62 Resp: 1216

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#





#34

Trichloroethene

Concen: 31.540 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047350.D

Acq: 04 Mar 2022 23:24

Instrument :

MSVOA_U

ClientSampleId :

GBDA1

Tgt Ion: 95 Resp: 336488

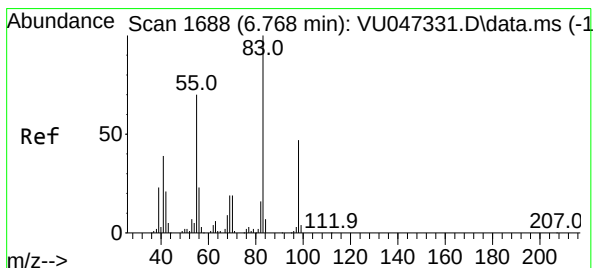
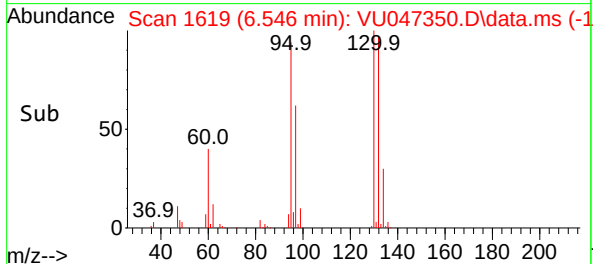
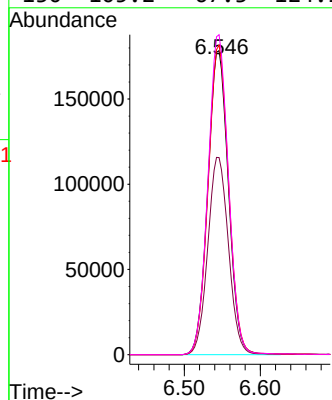
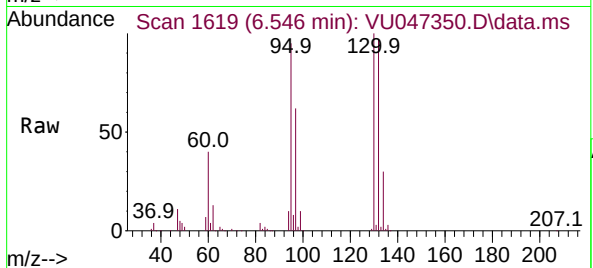
Ion Ratio Lower Upper

95 100

97 64.8 46.5 86.5

132 101.8 65.1 120.9

130 105.2 67.3 124.9



#35

Methylcyclohexane

Concen: 1.104 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047350.D

Acq: 04 Mar 2022 23:24

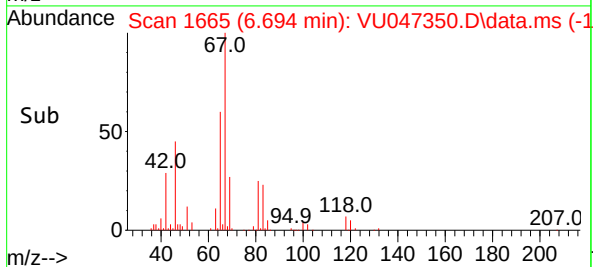
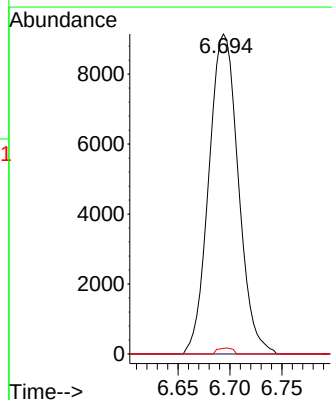
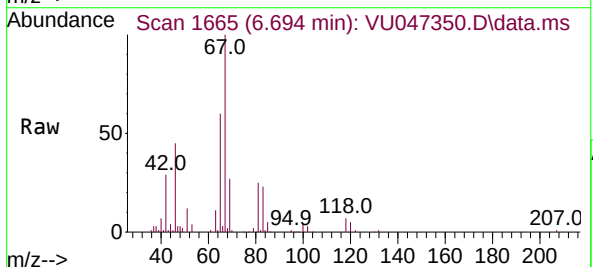
Tgt Ion: 83 Resp: 18058

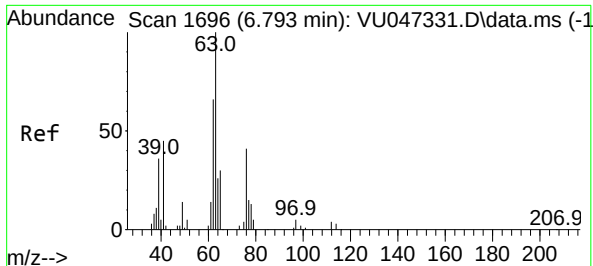
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.832 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047350.D

Acq: 04 Mar 2022 23:24

Instrument :

MSVOA_U

ClientSampleId :

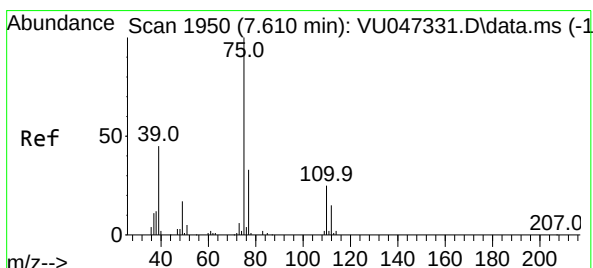
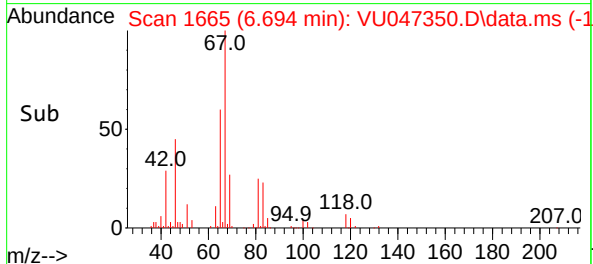
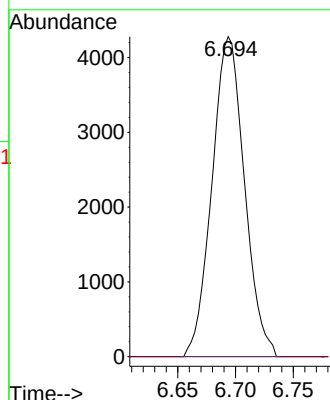
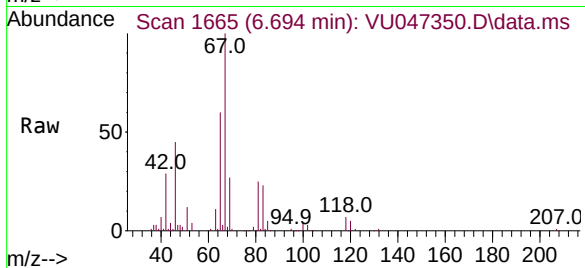
GBDA1

Tgt Ion: 63 Resp: 8373

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047350.D

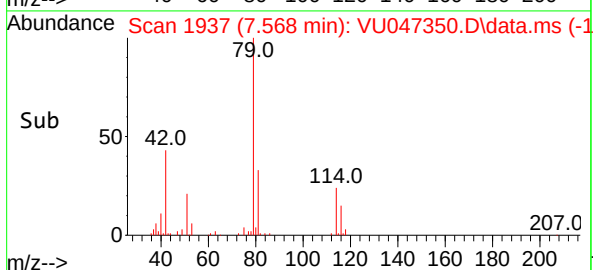
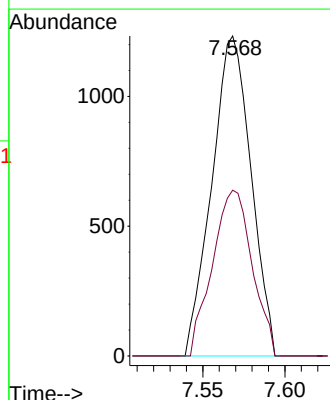
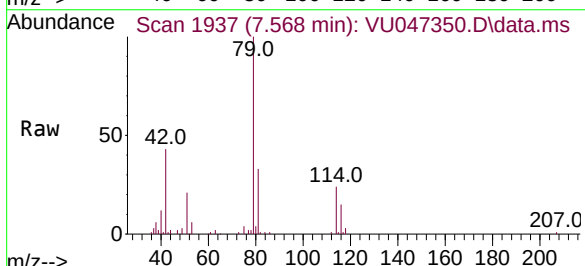
Acq: 04 Mar 2022 23:24

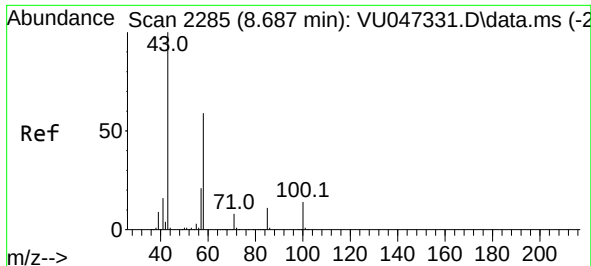
Tgt Ion: 75 Resp: 2044

Ion Ratio Lower Upper

75 100

77 51.8 22.5 41.9#

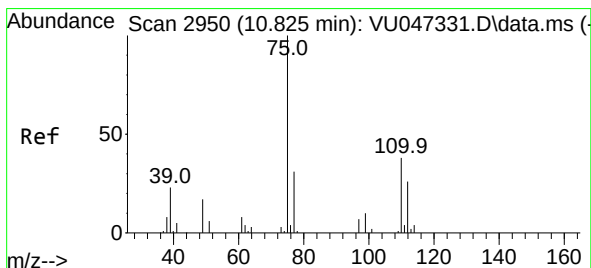
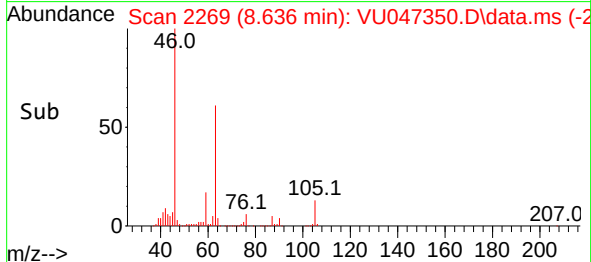
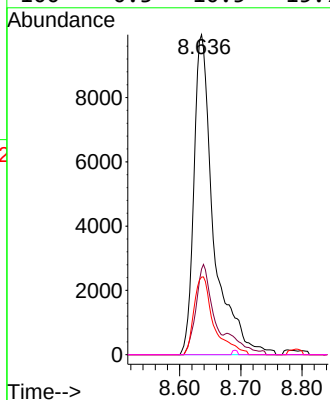
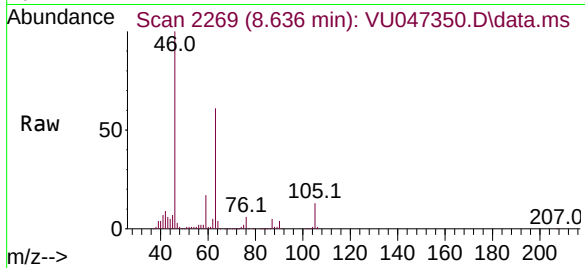




#48
2-Hexanone
Concen: 3.943 ug/L
RT: 8.636 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU047350.D
Acq: 04 Mar 2022 23:24

Instrument :
MSVOA_U
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GBDA1

Tgt Ion:	43	Resp:	22329
Ion	Ratio	Lower	Upper
43	100		
58	23.3	46.7	70.1#
57	24.3	16.3	24.5
100	0.3	10.5	15.7#



#61
1,2,3-Trichloropropane
Concen: 1.294 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047350.D
Acq: 04 Mar 2022 23:24

Tgt Ion:	75	Resp:	10242
Ion	Ratio	Lower	Upper
75	100		
110	1.9	29.9	44.9#
77	31.2	25.5	38.3

