

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047371.D
 Acq On : 07 Mar 2022 16:43
 Operator : SY/MD
 Sample : N1810-04DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD90DL

Quant Time: Mar 08 03:02:28 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

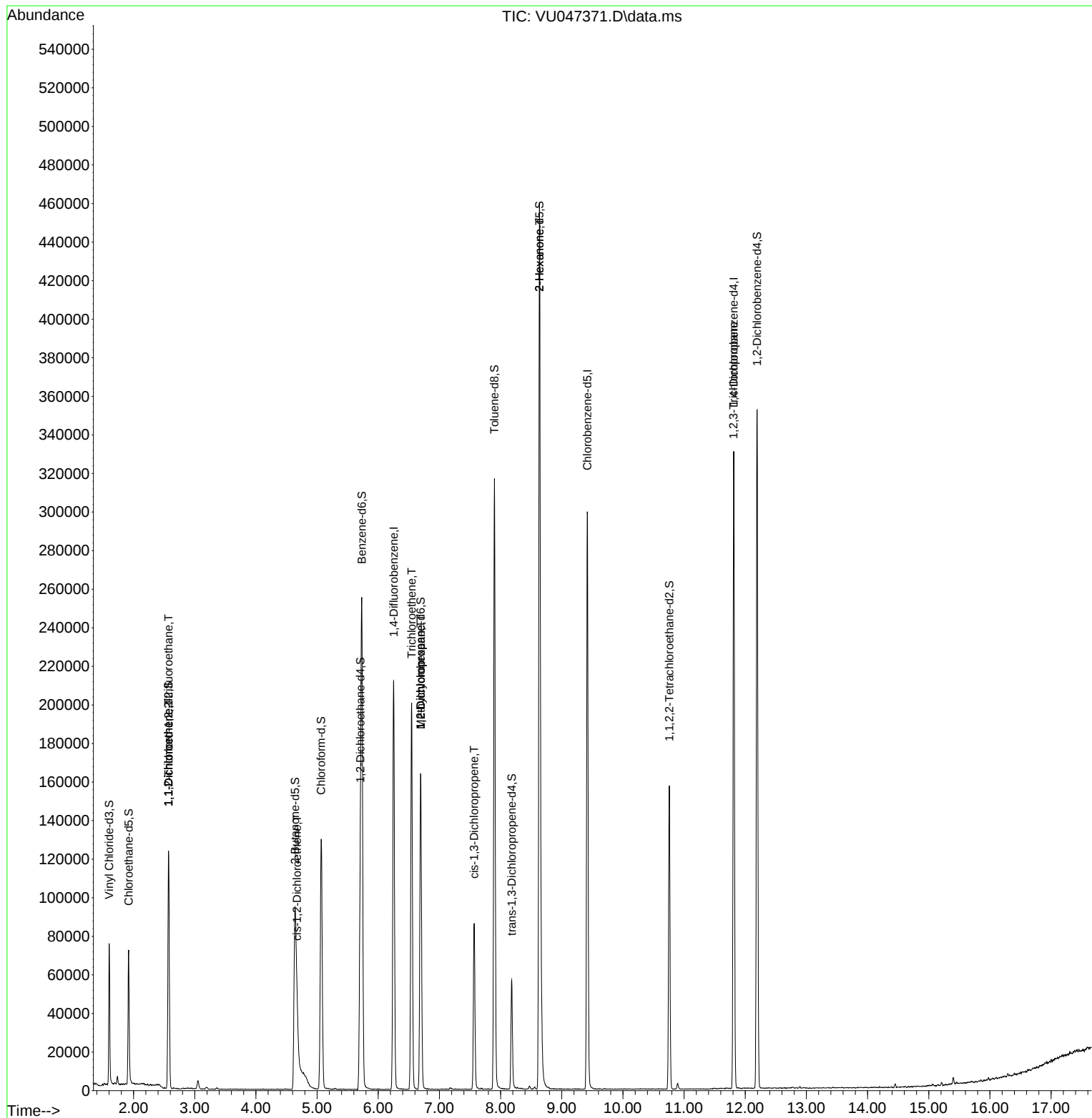
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	182788	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	176193	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	53589	4.131	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.919	69	53266	4.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.571	65	22238	4.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.639	46	192806	45.269	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.540%
24) Chloroform-d	5.066	84	122331	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.706	65	69209	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.732	84	243462	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.693	67	80083	5.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.899	98	216020	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.182	79	31727	4.672	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.635	63	189063	48.913	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	75605	4.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	99180	5.540	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	592	0.067	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	1158	0.129	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	6919	0.653	ug/L	93
34) Trichloroethene	6.546	95	66298	6.344	ug/L	92
35) Methylcyclohexane	6.693	83	18307	1.142	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	8486	0.861	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2078	0.133	ug/L #	57
48) 2-Hexanone	8.635	43	21558	3.886	ug/L #	63
61) 1,2,3-Trichloropropane	11.809	75	9275	1.223	ug/L #	68

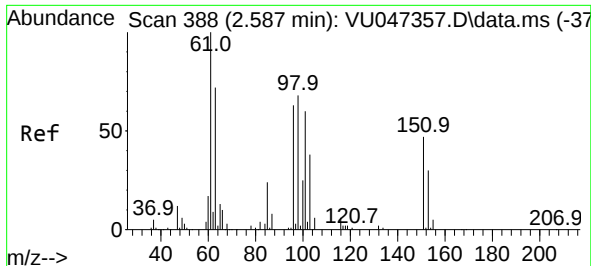
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.067 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047371.D

Acq: 07 Mar 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

GBD90DL

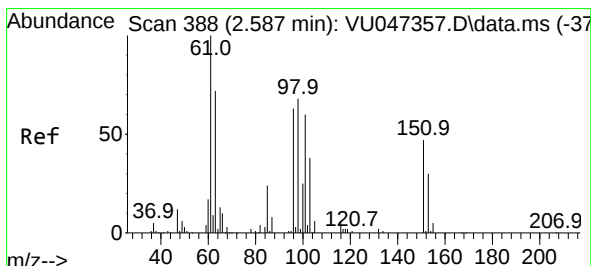
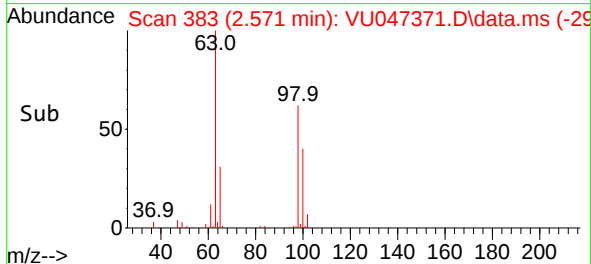
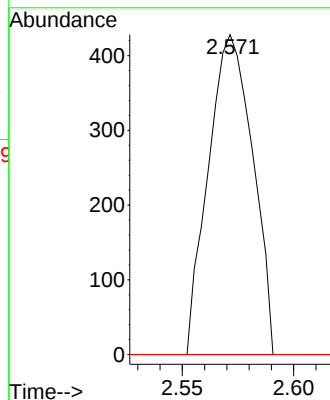
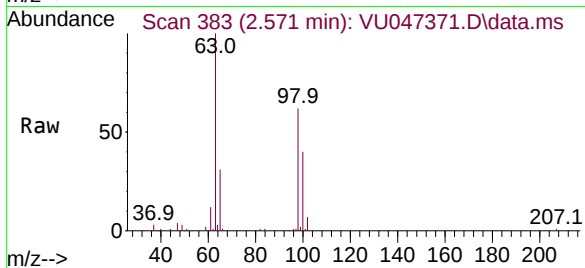
Tgt Ion:101 Resp: 592

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: 0.129 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047371.D

Acq: 07 Mar 2022 16:43

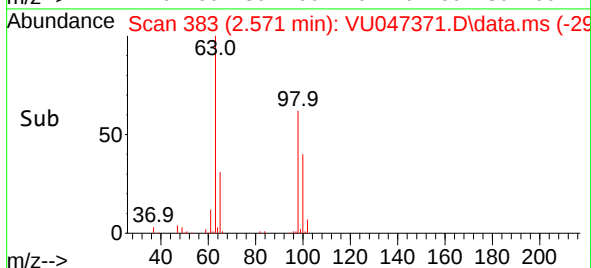
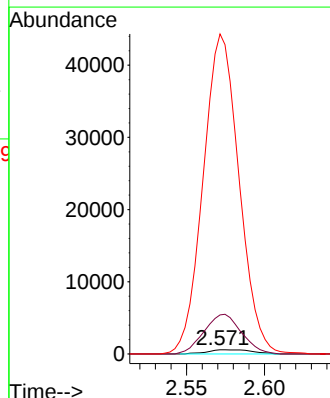
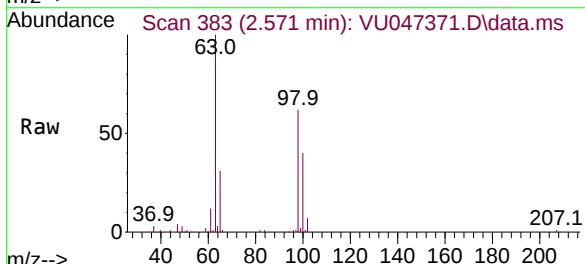
Tgt Ion: 96 Resp: 1158

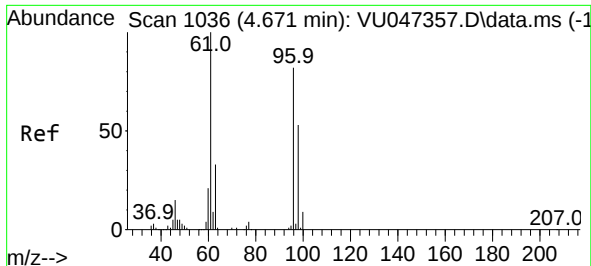
Ion Ratio Lower Upper

96 100

61 924.2 124.7 231.5#

63 7564.5 105.2 195.4#

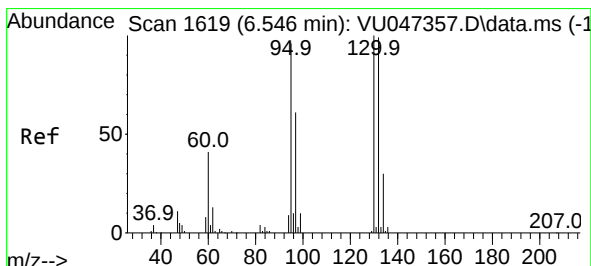
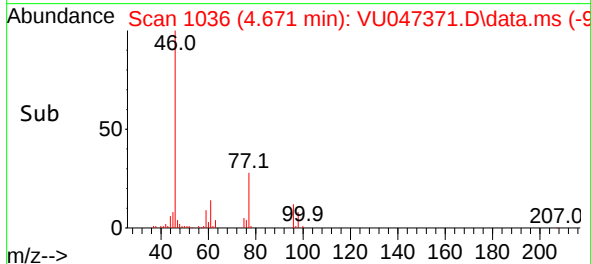
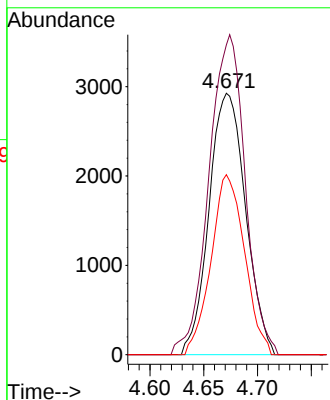
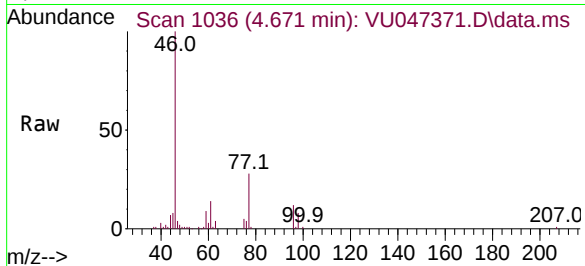




#22
 cis-1,2-Dichloroethene
 Concen: 0.653 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047371.D
 Acq: 07 Mar 2022 16:43

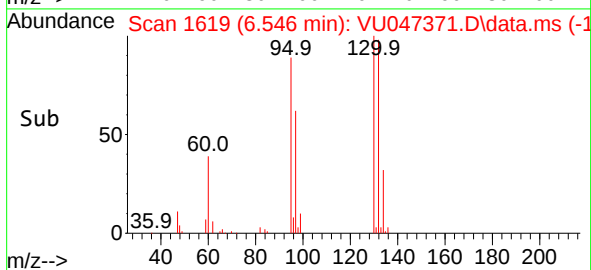
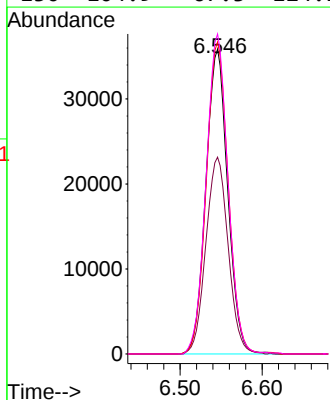
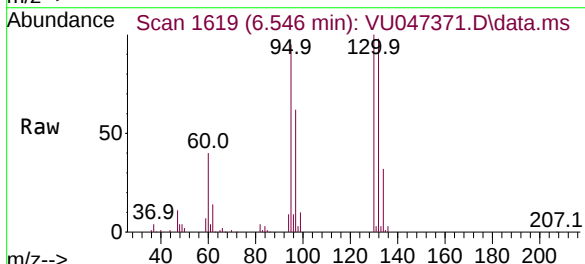
Instrument :
 MSVOA_U
 ClientSampleId :
 GBD90DL

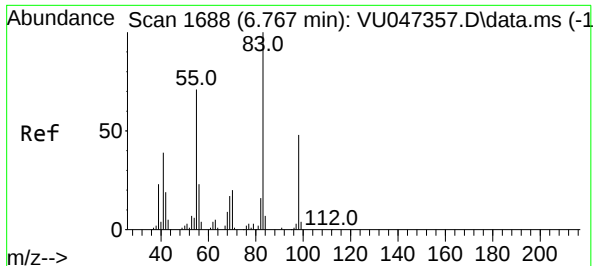
Tgt Ion:	96	Resp:	6919
Ion	Ratio	Lower	Upper
96	100		
61	118.5	88.5	164.3
98	68.8	44.4	82.5



#34
 Trichloroethene
 Concen: 6.344 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. -0.000 min
 Lab File: VU047371.D
 Acq: 07 Mar 2022 16:43

Tgt Ion:	95	Resp:	66298
Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.5	86.5
132	102.3	65.1	120.9
130	104.9	67.3	124.9

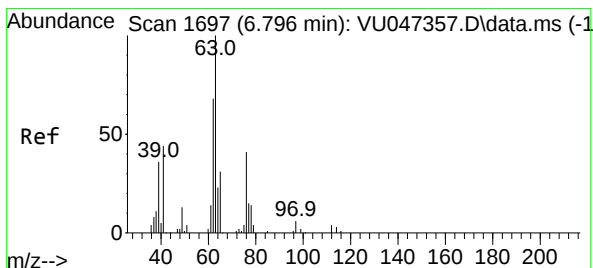
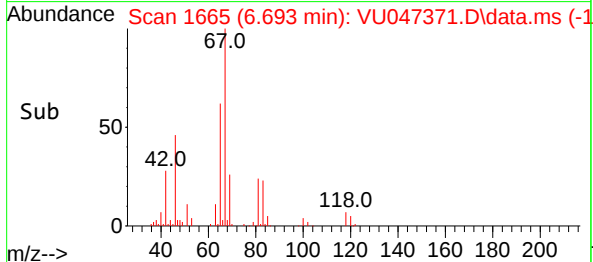
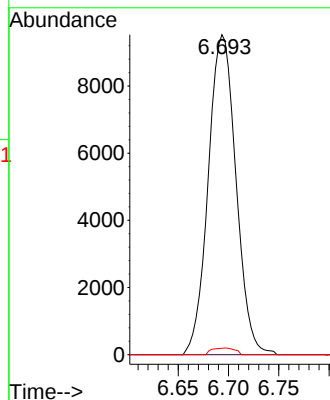
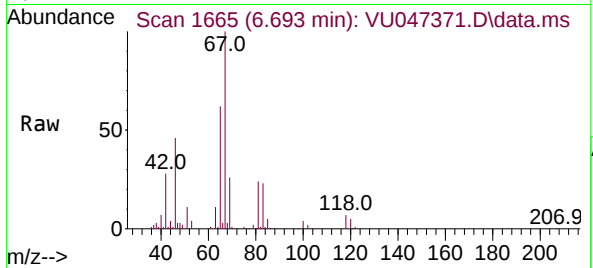




#35
Methylcyclohexane
Concen: 1.142 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047371.D
Acq: 07 Mar 2022 16:43

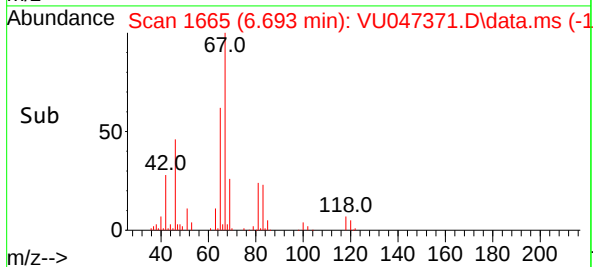
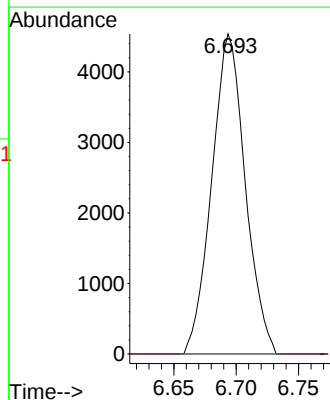
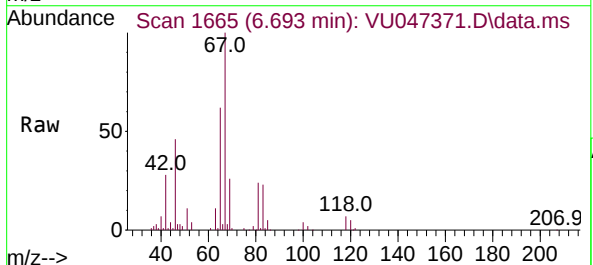
Instrument :
MSVOA_U
ClientSampleId :
GBD90DL

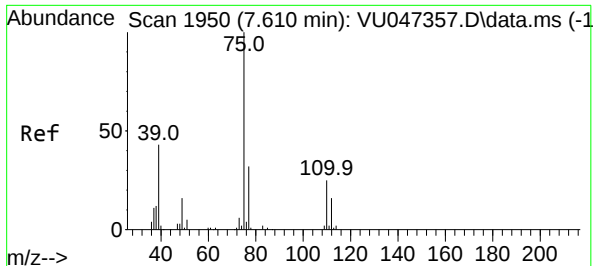
Tgt Ion: 83 Resp: 18307
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.7 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.861 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047371.D
Acq: 07 Mar 2022 16:43

Tgt Ion: 63 Resp: 8486
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.133 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047371.D

Acq: 07 Mar 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

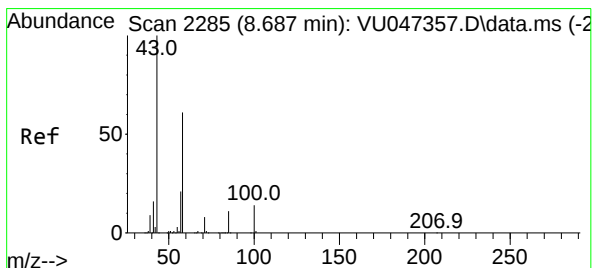
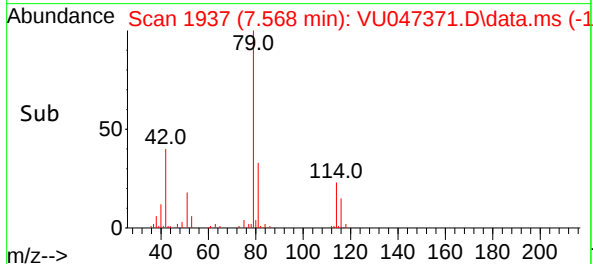
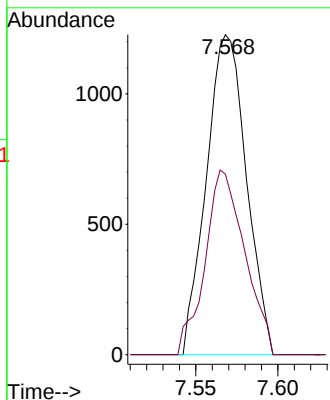
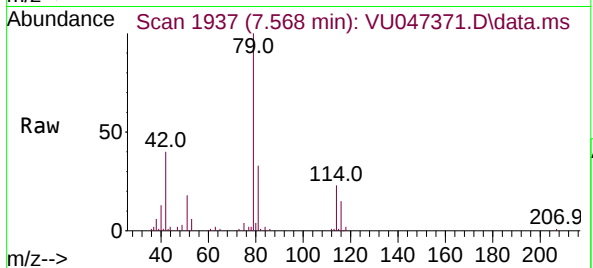
GBD90DL

Tgt Ion: 75 Resp: 2078

Ion Ratio Lower Upper

75 100

77 56.4 22.5 41.9#



#48

2-Hexanone

Concen: 3.886 ug/L

RT: 8.635 min Scan# 2269

Delta R.T. -0.052 min

Lab File: VU047371.D

Acq: 07 Mar 2022 16:43

Tgt Ion: 43 Resp: 21558

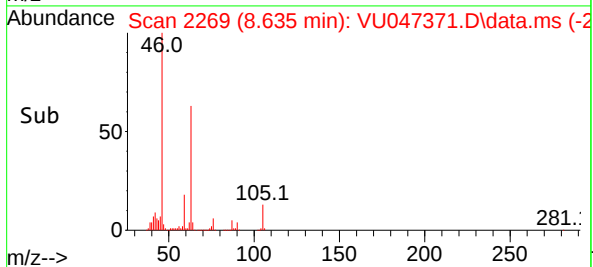
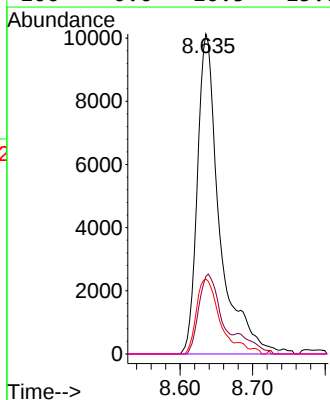
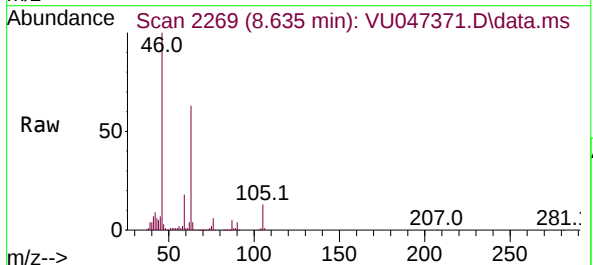
Ion Ratio Lower Upper

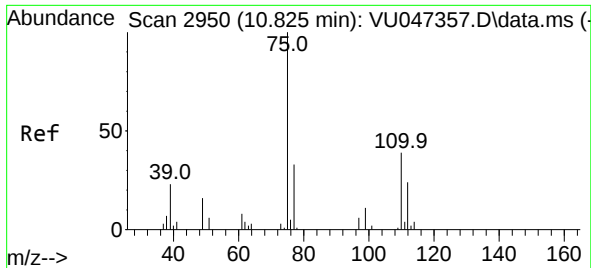
43 100

58 23.5 46.7 70.1#

57 24.8 16.3 24.5#

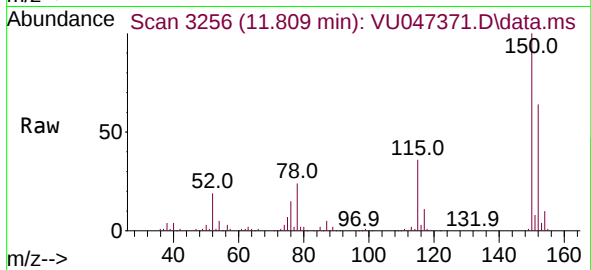
100 0.0 10.5 15.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.223 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.984 min
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Tgt Ion: 75 Resp: 9275
 Ion Ratio Lower Upper
 75 100
 110 2.8 29.9 44.9#
 77 33.2 25.5 38.3

