

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046940.D
 Acq On : 01 Feb 2022 00:48
 Operator : SY/MD
 Sample : N1328-14DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:02:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

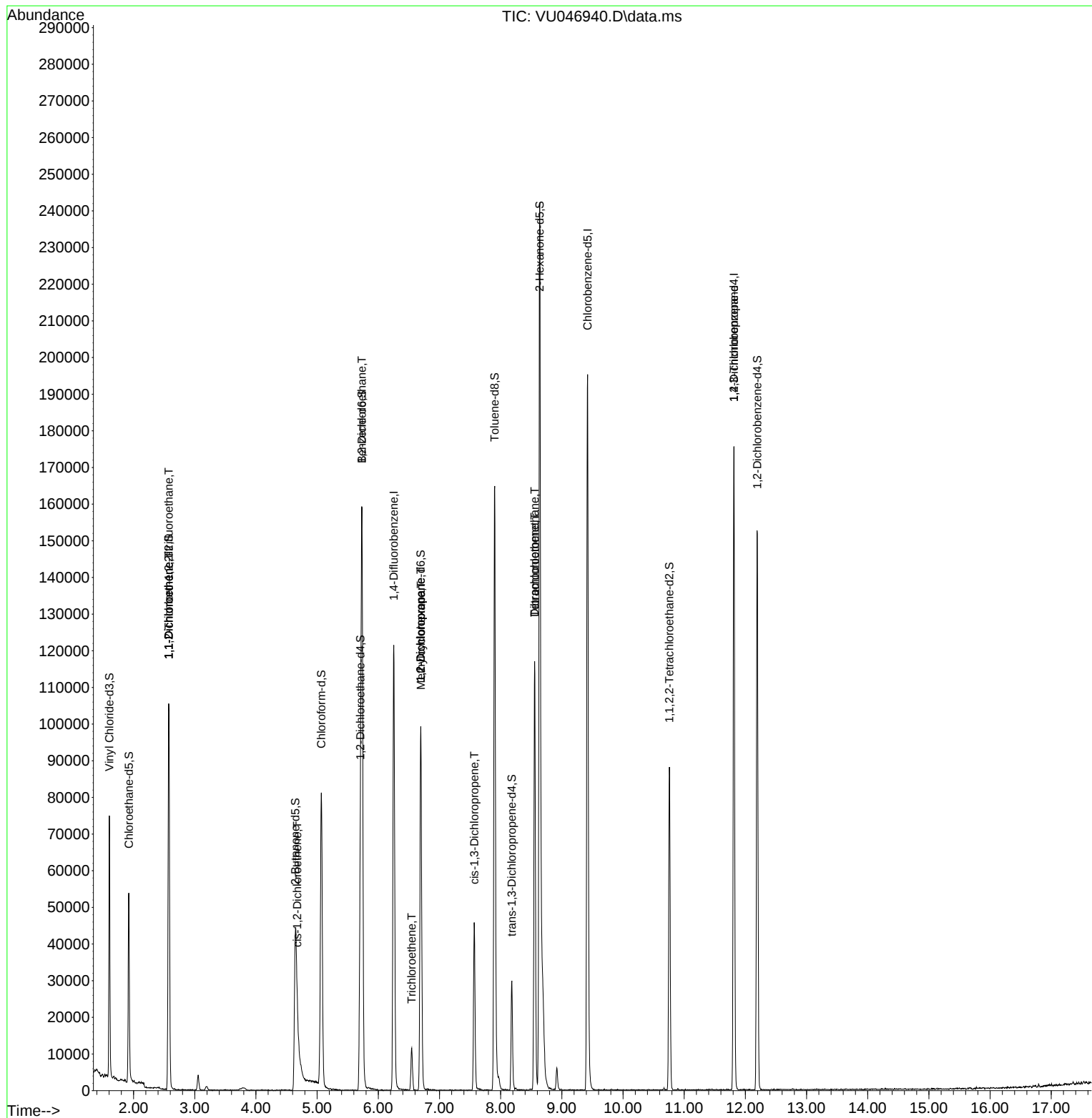
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101338	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	117185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52350	6.096	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.000%
7) Chloroethane-d5	1.922	69	40424	5.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.400%
11) 1,1-Dichloroethene-d2	2.575	65	19790	5.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.800%
20) 2-Butanone-d5	4.646	46	104095	40.920	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.840%
24) Chloroform-d	5.070	84	77174	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.707	65	43662	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.732	84	154863	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.694	67	48176	4.659	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.903	98	120335	3.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.182	79	17693	3.896	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.639	63	107732	40.064	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46807	4.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	40974	4.647	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	544	0.092	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	1176	0.208	ug/L #	1
22) cis-1,2-Dichloroethene	4.674	96	369	0.057	ug/L	83
27) 1,2-Dichloroethane	5.732	62	675	0.094	ug/L #	73
34) Trichloroethene	6.546	95	3859	0.539	ug/L	92
35) Methylcyclohexane	6.697	83	11911	0.993	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5083	0.751	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	995	0.094	ug/L #	57
47) Tetrachloroethene	8.555	164	26566	4.560	ug/L	98
49) Dibromochloromethane	8.555	129	26159	3.851	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5504	1.381	ug/L #	65

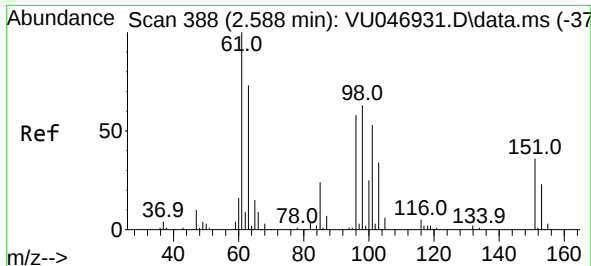
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.092 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU046940.D

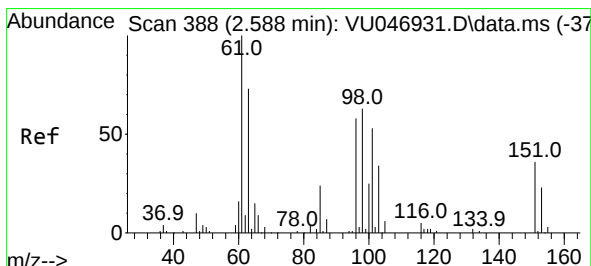
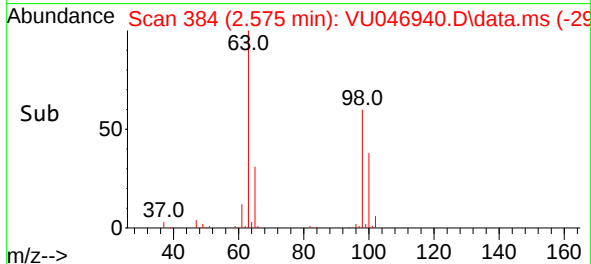
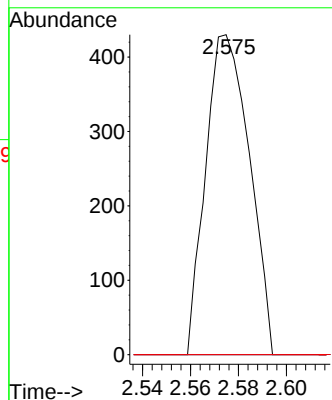
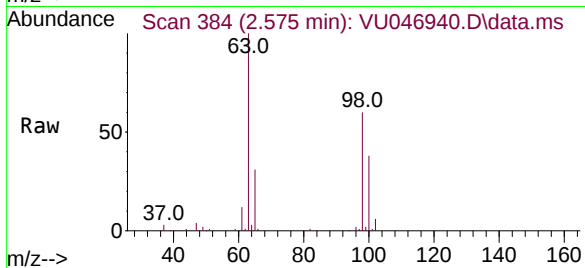
Acq: 01 Feb 2022 00:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	544
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: 0.208 ug/L

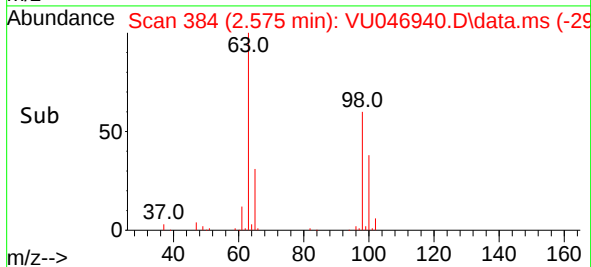
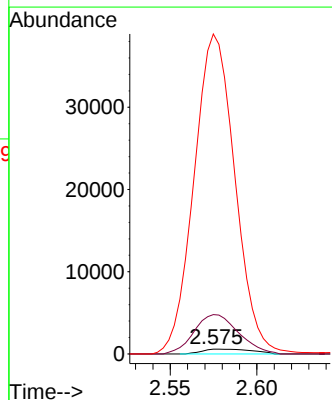
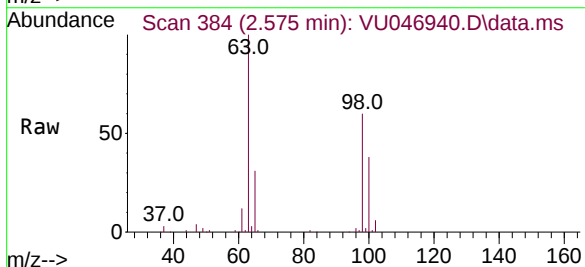
RT: 2.575 min Scan# 384

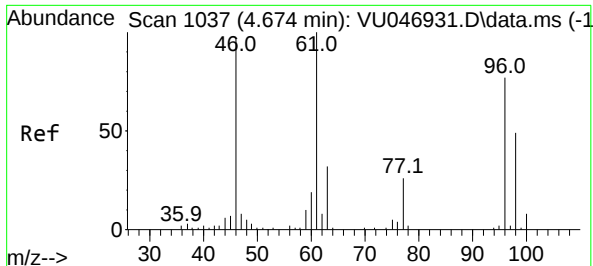
Delta R.T. -0.013 min

Lab File: VU046940.D

Acq: 01 Feb 2022 00:48

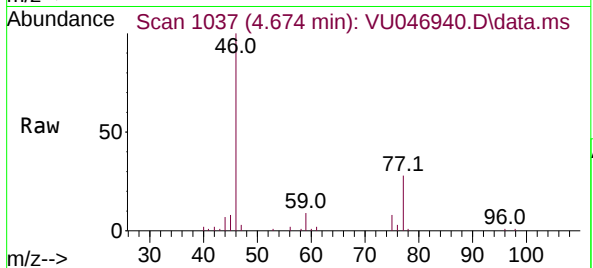
Tgt Ion:	96	Resp:	1176
Ion	Ratio	Lower	Upper
96	100		
61	813.4	124.7	231.5#
63	6619.0	105.2	195.4#



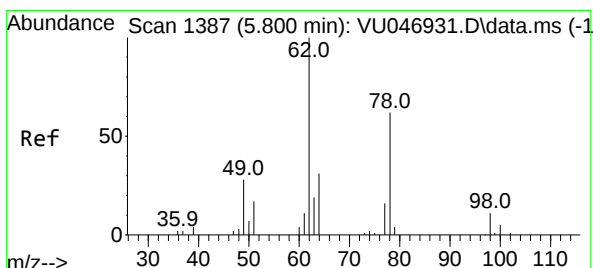
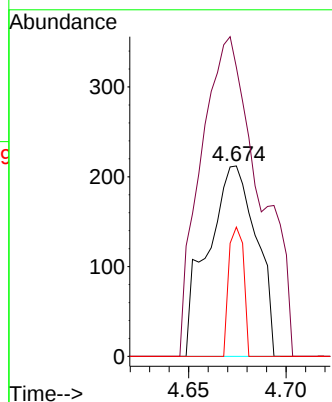
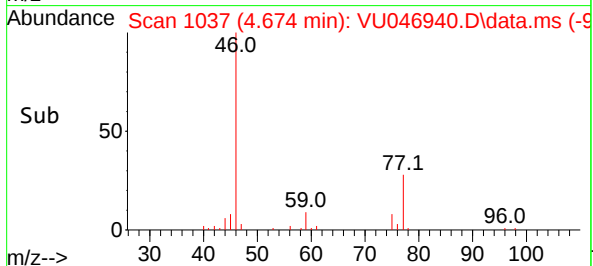


#22
 cis-1,2-Dichloroethene
 Concen: 0.057 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU046940.D
 Acq: 01 Feb 2022 00:48

Instrument :
 MSVOA_U
 ClientSampleId :

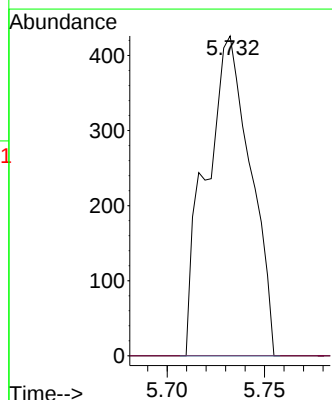
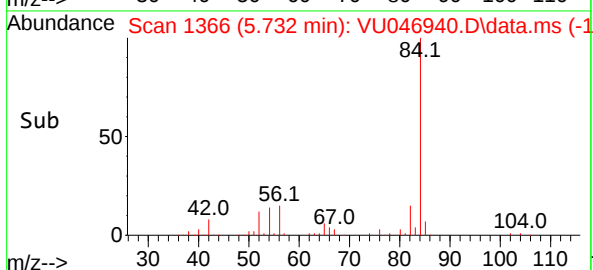
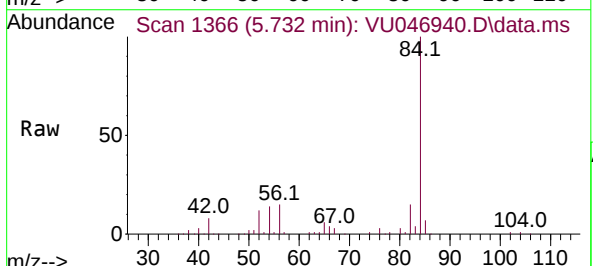


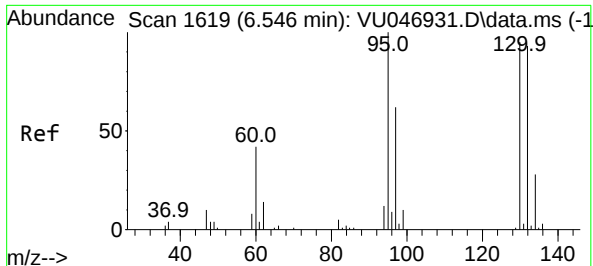
Tgt Ion:	96	Resp:	369
Ion	Ratio	Lower	Upper
96	100		
61	151.9	88.5	164.3
98	67.9	44.4	82.5



#27
 1,2-Dichloroethane
 Concen: 0.094 ug/L
 RT: 5.732 min Scan# 1366
 Delta R.T. -0.068 min
 Lab File: VU046940.D
 Acq: 01 Feb 2022 00:48

Tgt Ion:	62	Resp:	675
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#

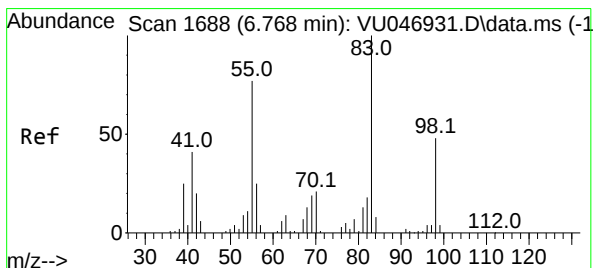
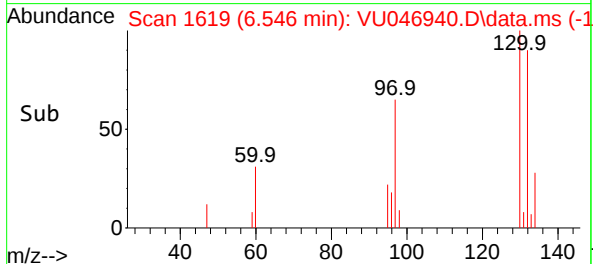
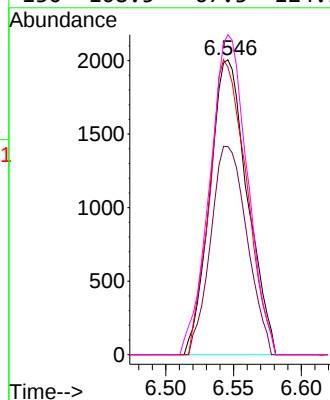
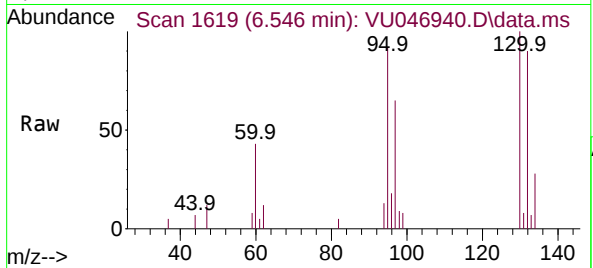




#34
Trichloroethene
Concen: 0.539 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046940.D
Acq: 01 Feb 2022 00:48

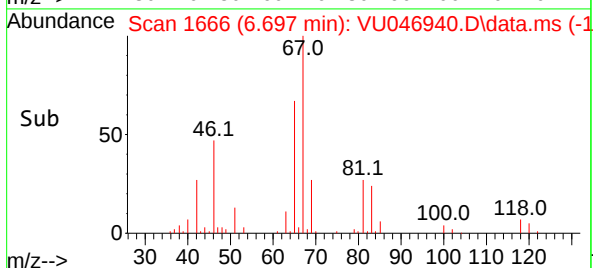
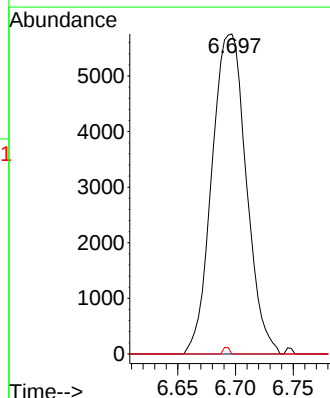
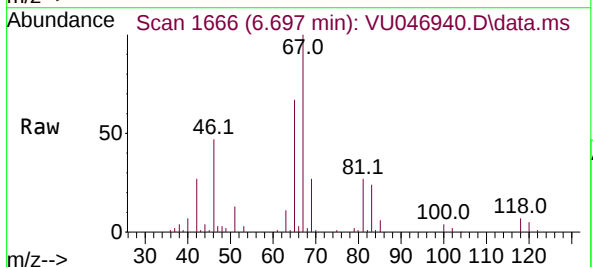
Instrument :
MSVOA_U
ClientSampleId :

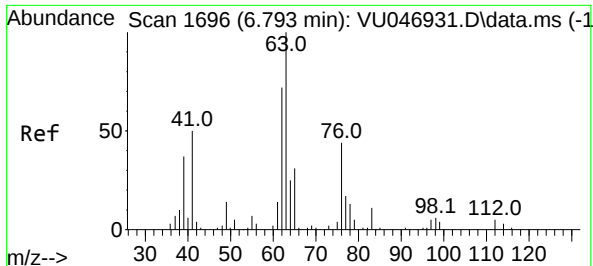
Tgt Ion: 95 Resp: 3859
Ion Ratio Lower Upper
95 100
97 70.6 46.5 86.5
132 97.5 65.1 120.9
130 108.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.993 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU046940.D
Acq: 01 Feb 2022 00:48

Tgt Ion: 83 Resp: 11911
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.4 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.751 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046940.D

Acq: 01 Feb 2022 00:48

Instrument :

MSVOA_U

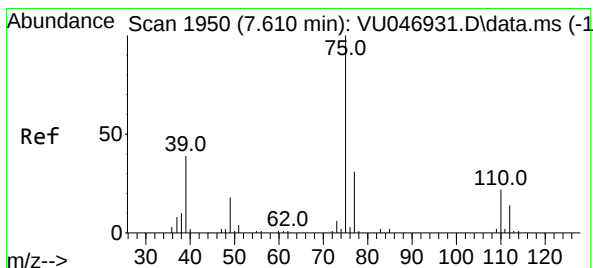
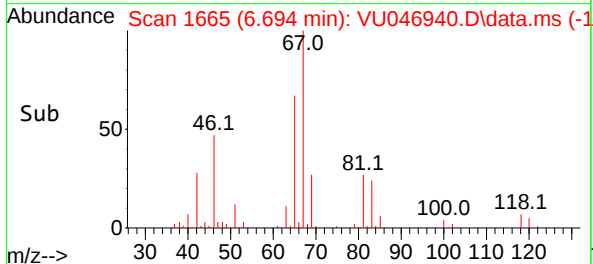
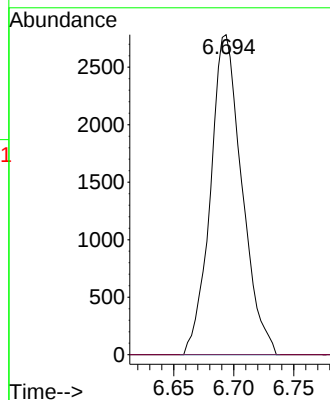
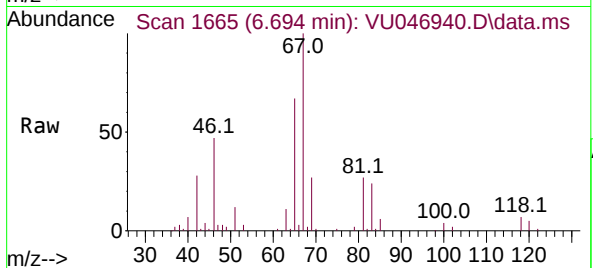
ClientSampleId :

Tgt Ion: 63 Resp: 5083

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046940.D

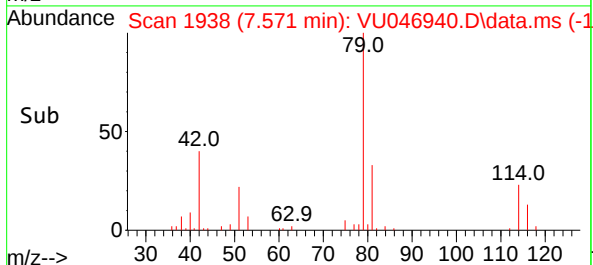
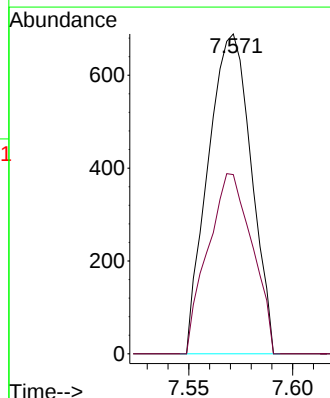
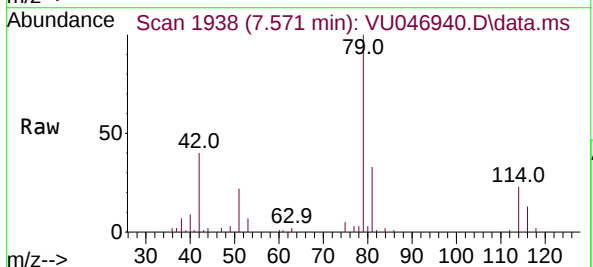
Acq: 01 Feb 2022 00:48

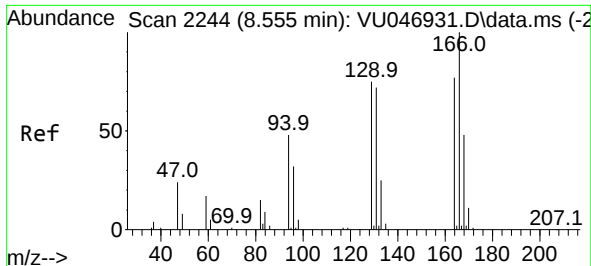
Tgt Ion: 75 Resp: 995

Ion Ratio Lower Upper

75 100

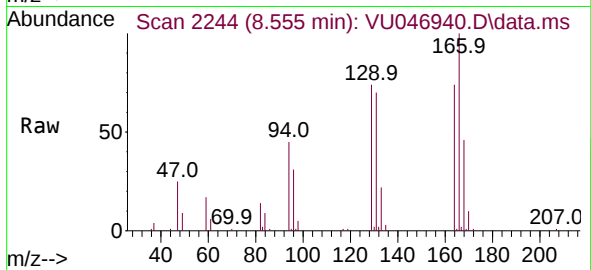
77 56.0 22.5 41.9#



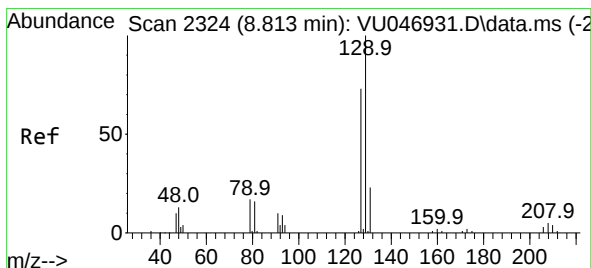
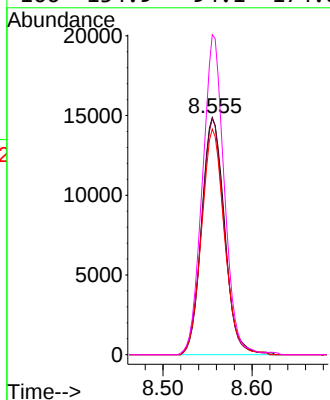
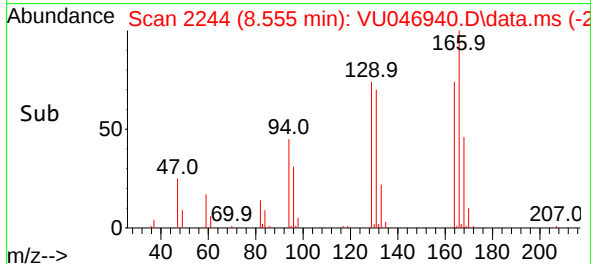


#47
Tetrachloroethene
Concen: 4.560 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046940.D
Acq: 01 Feb 2022 00:48

Instrument :
MSVOA_U
ClientSampleId :

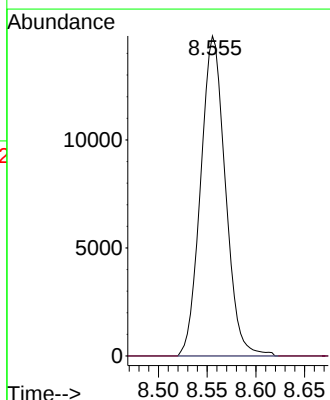
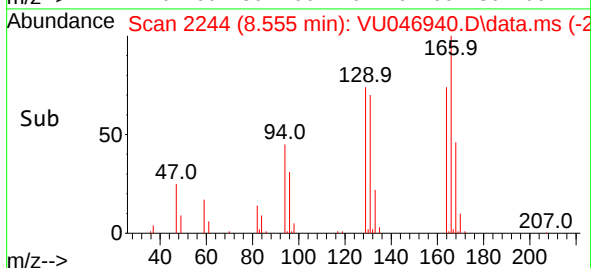
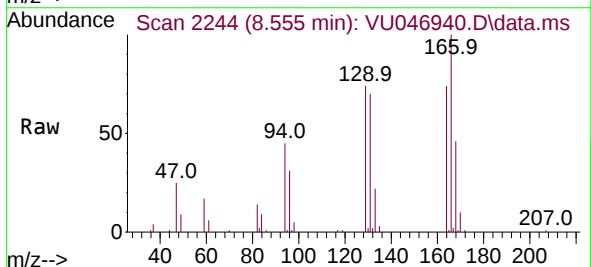


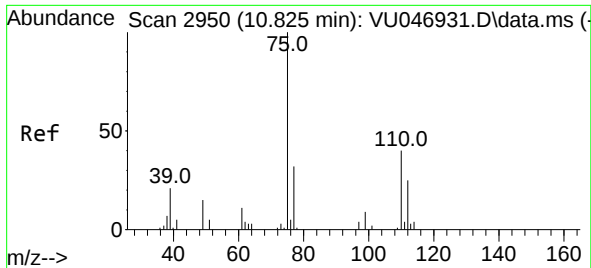
Tgt Ion:164 Resp: 26566
Ion Ratio Lower Upper
164 100
129 99.6 71.8 133.4
131 95.1 68.5 127.3
166 134.9 94.1 174.8



#49
Dibromochloromethane
Concen: 3.851 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046940.D
Acq: 01 Feb 2022 00:48

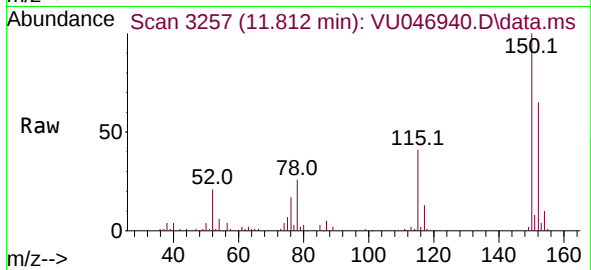
Tgt Ion:129 Resp: 26159
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.381 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046940.D
 Acq: 01 Feb 2022 00:48

Instrument :
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Tgt Ion: 75 Resp: 5504
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 32.8 25.5 38.3

