

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046941.D
 Acq On : 01 Feb 2022 01:12
 Operator : SY/MD
 Sample : N1328-15DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:03:00 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)

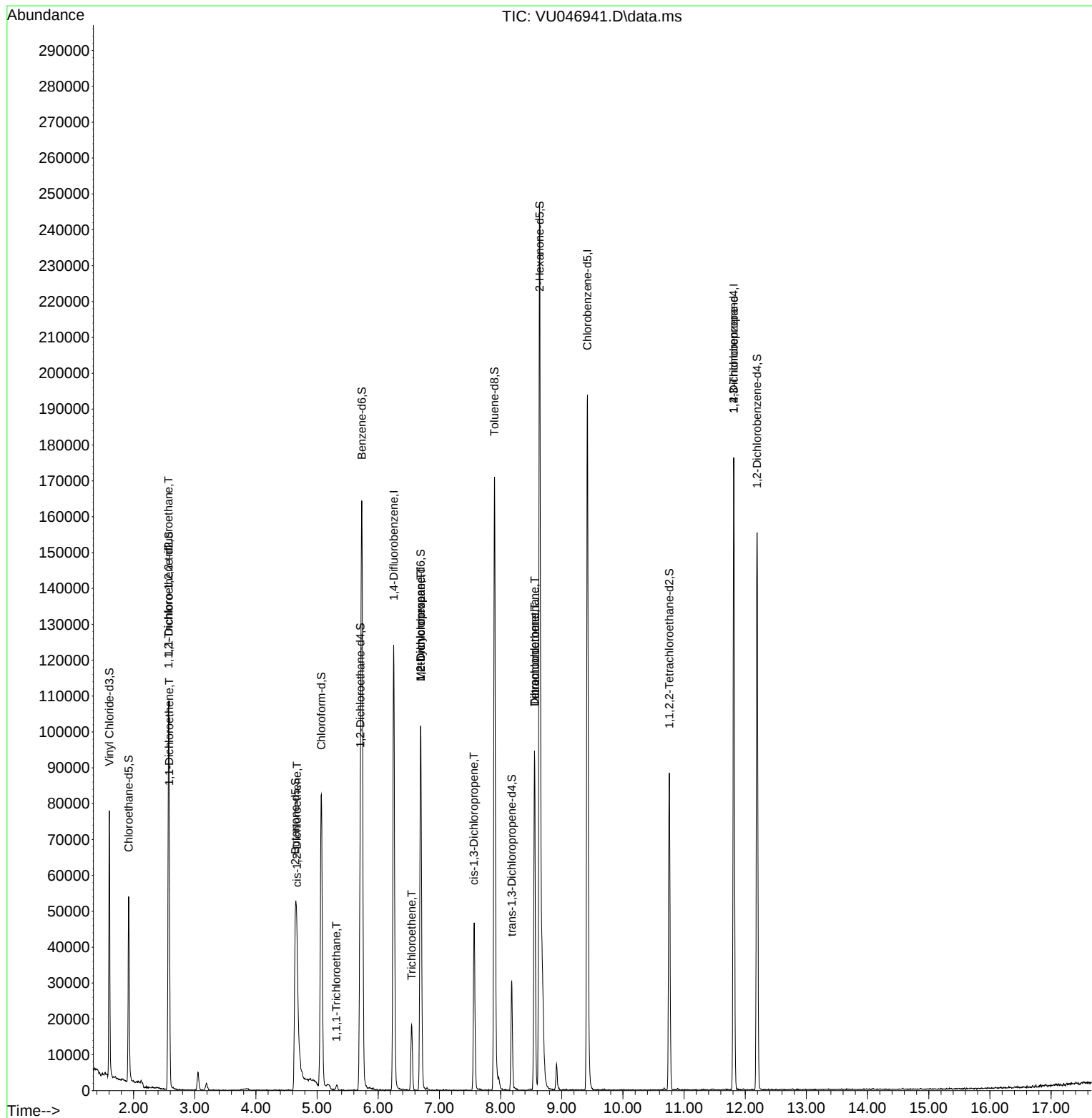
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101672	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	115231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54137	6.284	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.600%
7) Chloroethane-d5	1.919	69	40743	6.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.000%
11) 1,1-Dichloroethene-d2	2.575	65	20782	6.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.200%
20) 2-Butanone-d5	4.646	46	107688	42.193	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.380%
24) Chloroform-d	5.070	84	79098	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.707	65	44495	5.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.732	84	159103	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.694	67	49343	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.899	98	123741	3.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.182	79	17792	3.984	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.639	63	110648	41.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47175	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	41078	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-...	2.572	101	576	0.097	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	1880	0.331	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	5736	0.884	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	1222	0.118	ug/L	95
34) Trichloroethene	6.546	95	6844	0.972	ug/L	87
35) Methylcyclohexane	6.694	83	12251	1.038	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5075	0.763	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1146	0.110	ug/L #	73
47) Tetrachloroethene	8.555	164	21426	3.740	ug/L	98
49) Dibromochloromethane	8.555	129	20730	3.104	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5857	1.466	ug/L #	66

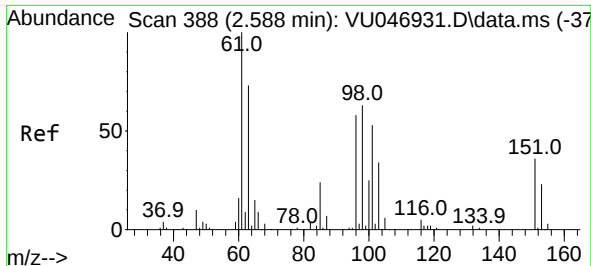
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.097 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046941.D

Acq: 01 Feb 2022 01:12

Instrument :

MSVOA_U

ClientSampleId :

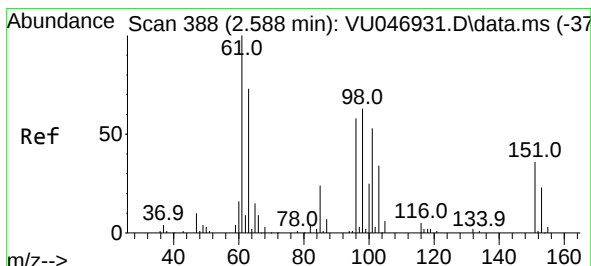
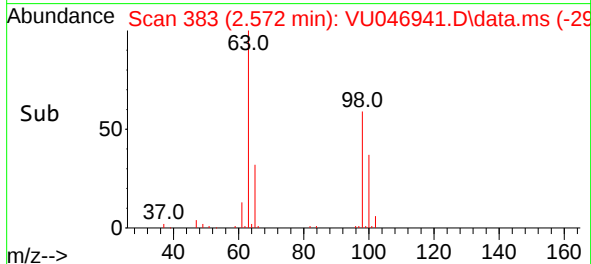
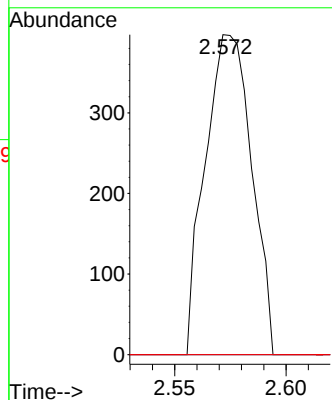
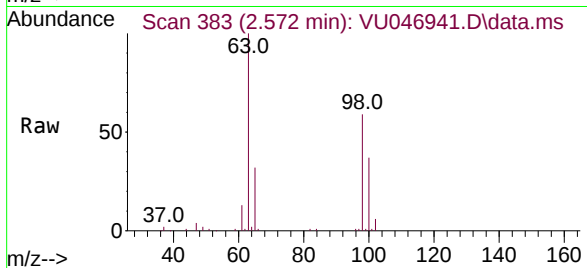
Tgt Ion:101 Resp: 576

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: 0.331 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU046941.D

Acq: 01 Feb 2022 01:12

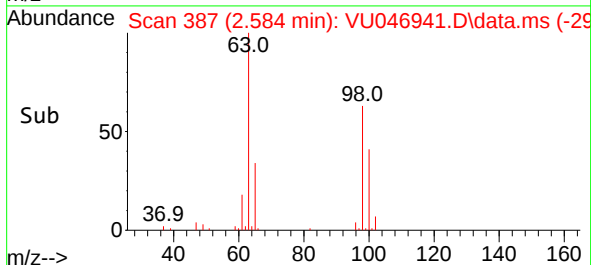
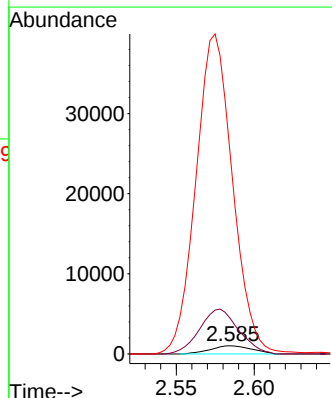
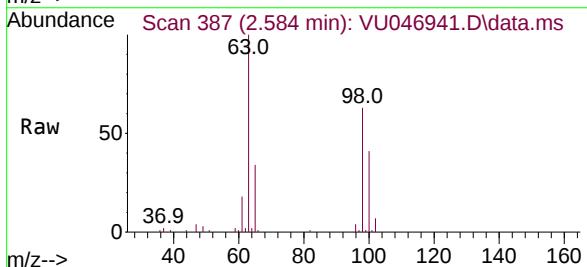
Tgt Ion: 96 Resp: 1880

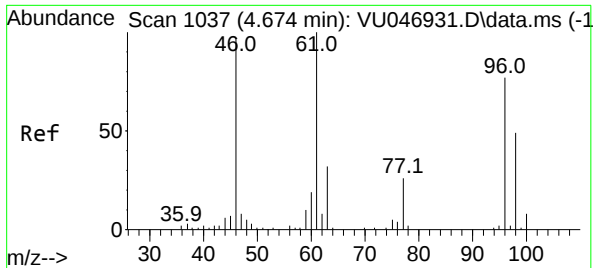
Ion Ratio Lower Upper

96 100

61 434.0 124.7 231.5#

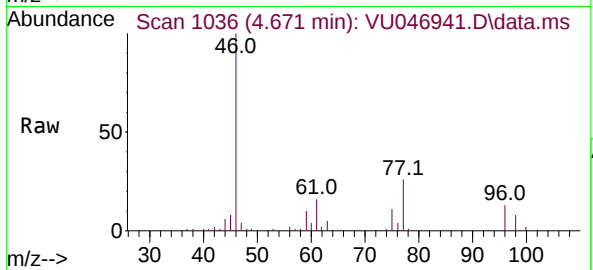
63 2439.0 105.2 195.4#



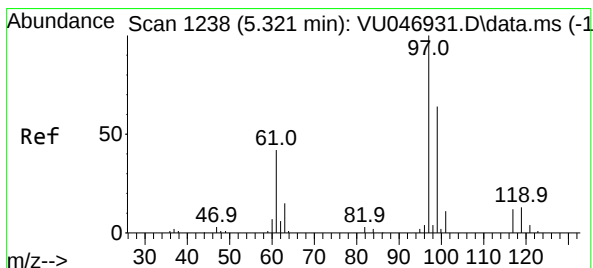
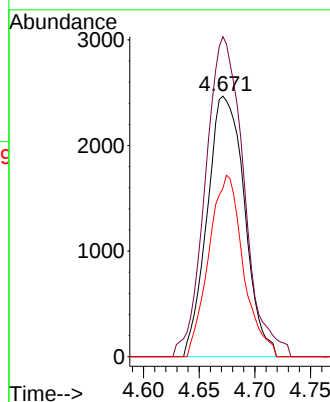
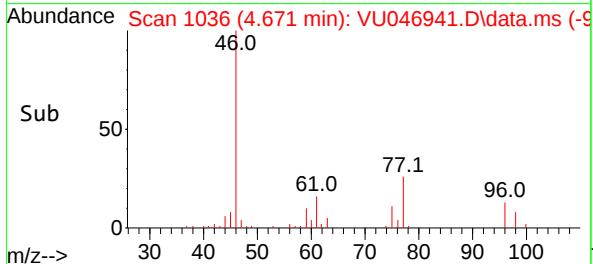


#22
 cis-1,2-Dichloroethene
 Concen: 0.884 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046941.D
 Acq: 01 Feb 2022 01:12

Instrument :
 MSVOA_U
 ClientSampleId :

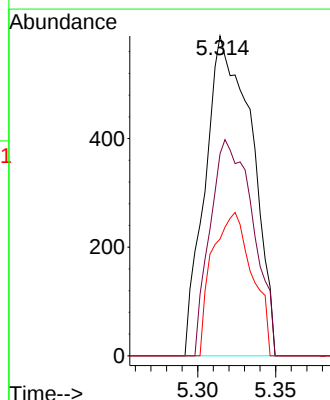
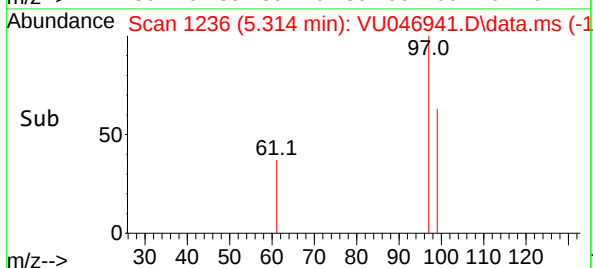
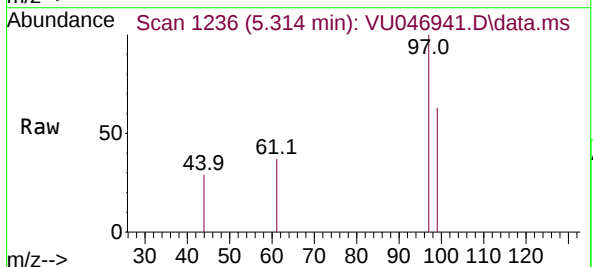


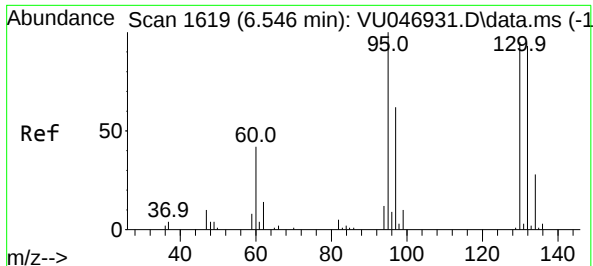
Tgt Ion:	96	Resp:	5736
Ion	Ratio	Lower	Upper
96	100		
61	122.9	88.5	164.3
98	64.7	44.4	82.5



#29
 1,1,1-Trichloroethane
 Concen: 0.118 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.006 min
 Lab File: VU046941.D
 Acq: 01 Feb 2022 01:12

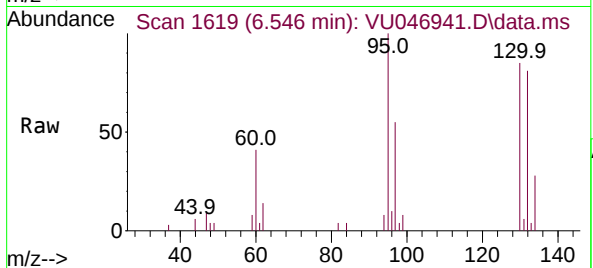
Tgt Ion:	97	Resp:	1222
Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.3	76.9
61	38.5	36.1	54.1





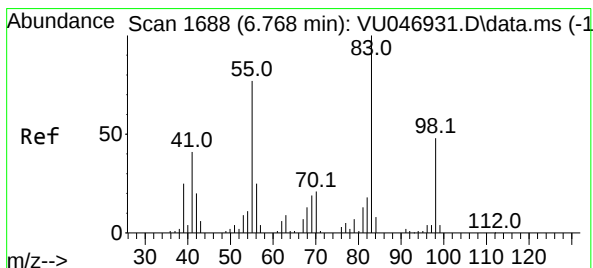
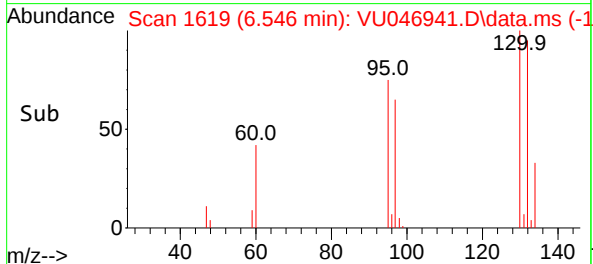
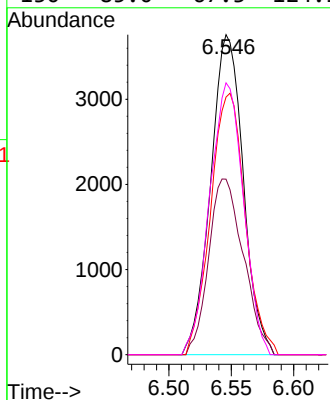
#34
Trichloroethene
Concen: 0.972 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VU046941.D
Acq: 01 Feb 2022 01:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 6844

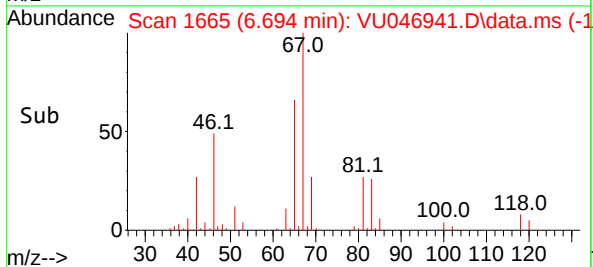
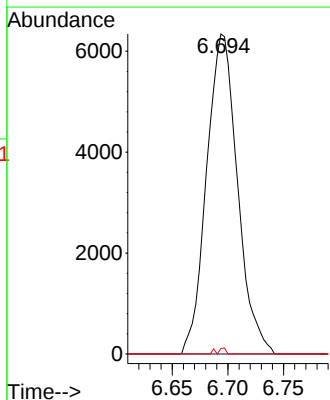
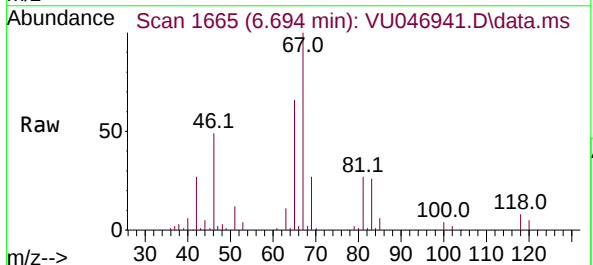
Ion	Ratio	Lower	Upper
95	100		
97	54.9	46.5	86.5
132	80.5	65.1	120.9
130	85.0	67.3	124.9

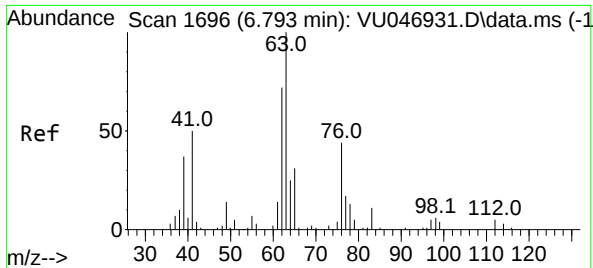


#35
Methylcyclohexane
Concen: 1.038 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046941.D
Acq: 01 Feb 2022 01:12

Tgt Ion: 83 Resp: 12251

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.5	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.763 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046941.D

Acq: 01 Feb 2022 01:12

Instrument :

MSVOA_U

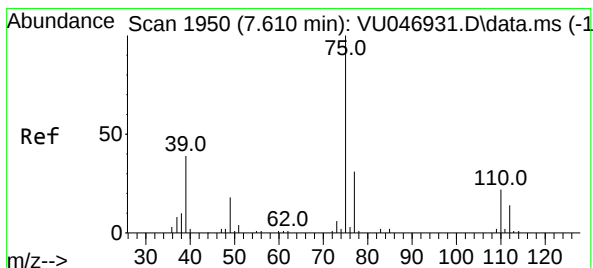
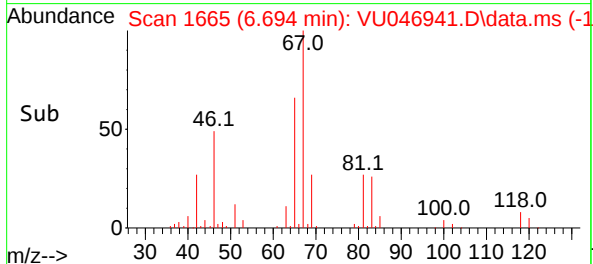
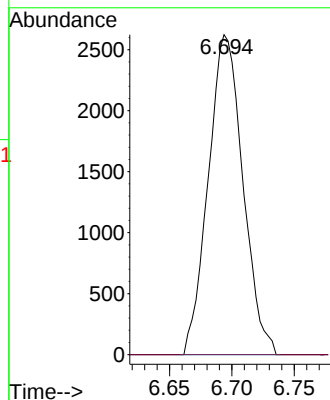
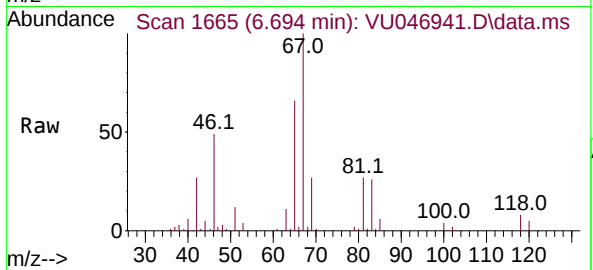
ClientSampleId :

Tgt Ion: 63 Resp: 5075

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046941.D

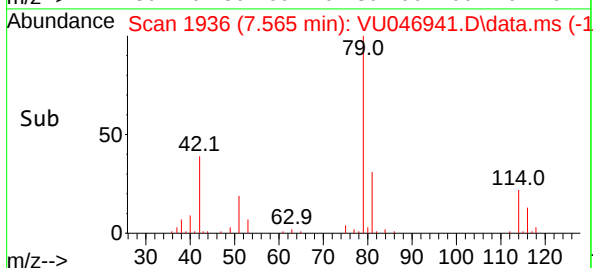
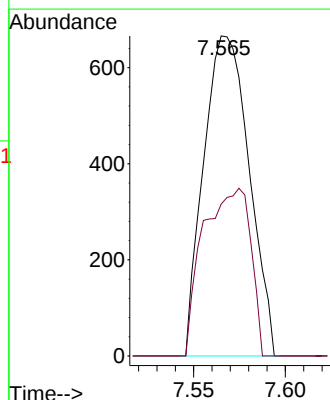
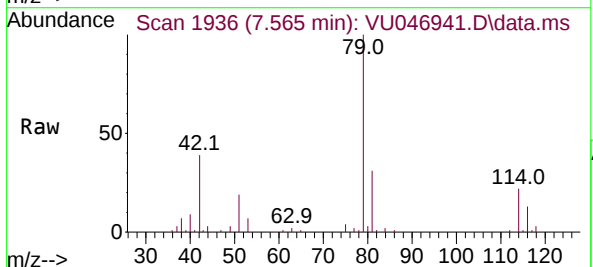
Acq: 01 Feb 2022 01:12

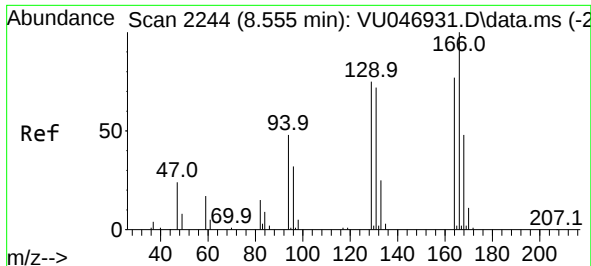
Tgt Ion: 75 Resp: 1146

Ion Ratio Lower Upper

75 100

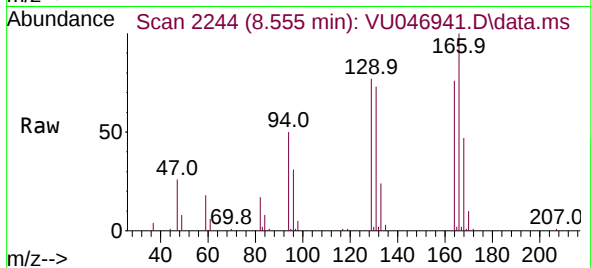
77 47.4 22.5 41.9#



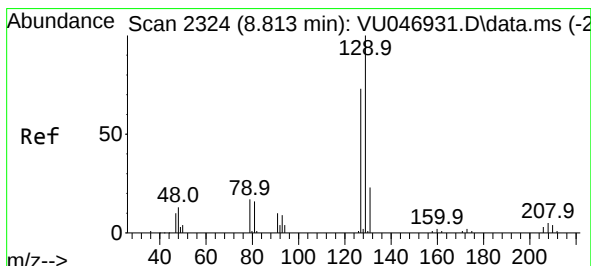
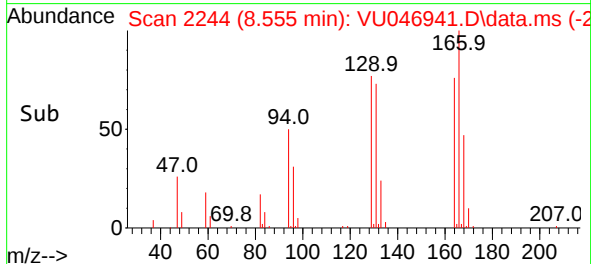
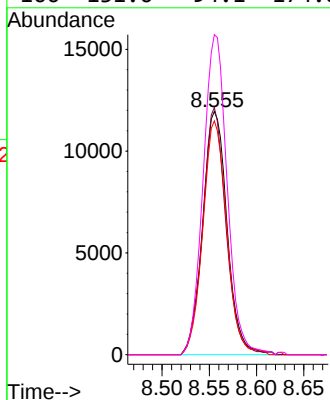


#47
Tetrachloroethene
Concen: 3.740 ug/L
RT: 8.555 min Scan# 21426
Delta R.T. -0.000 min
Lab File: VU046941.D
Acq: 01 Feb 2022 01:12

Instrument :
MSVOA_U
ClientSampleId :

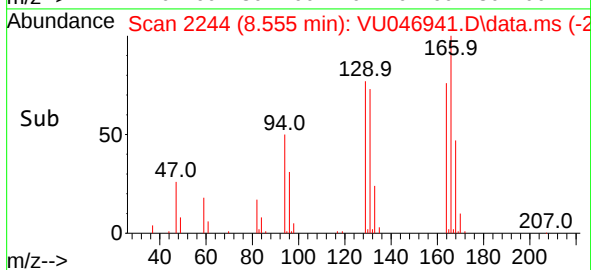
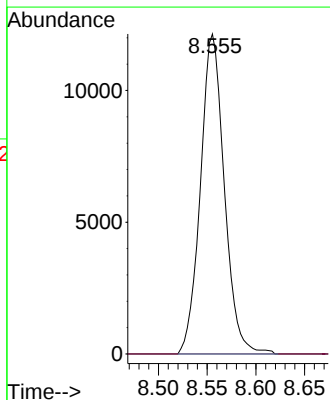
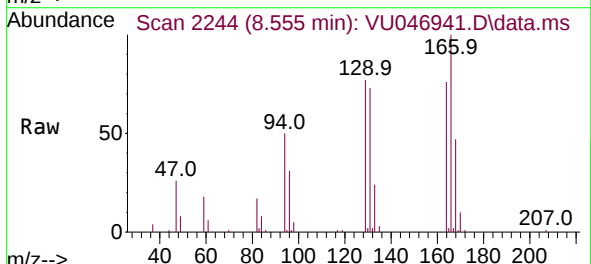


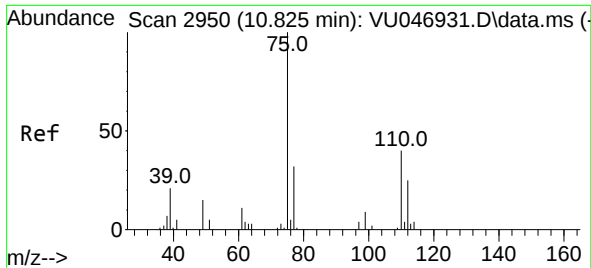
Tgt	Ion:164	Resp:	21426
Ion	Ratio	Lower	Upper
164	100		
129	101.6	71.8	133.4
131	96.1	68.5	127.3
166	131.6	94.1	174.8



#49
Dibromochloromethane
Concen: 3.104 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046941.D
Acq: 01 Feb 2022 01:12

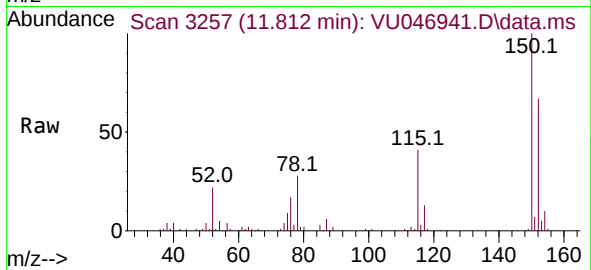
Tgt Ion:129	Resp:	20730	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.466 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046941.D
 Acq: 01 Feb 2022 01:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5857
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 32.7 25.5 38.3

