

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046947.D
 Acq On : 01 Feb 2022 03:38
 Operator : SY/MD
 Sample : N1273-17DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:53:19 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)

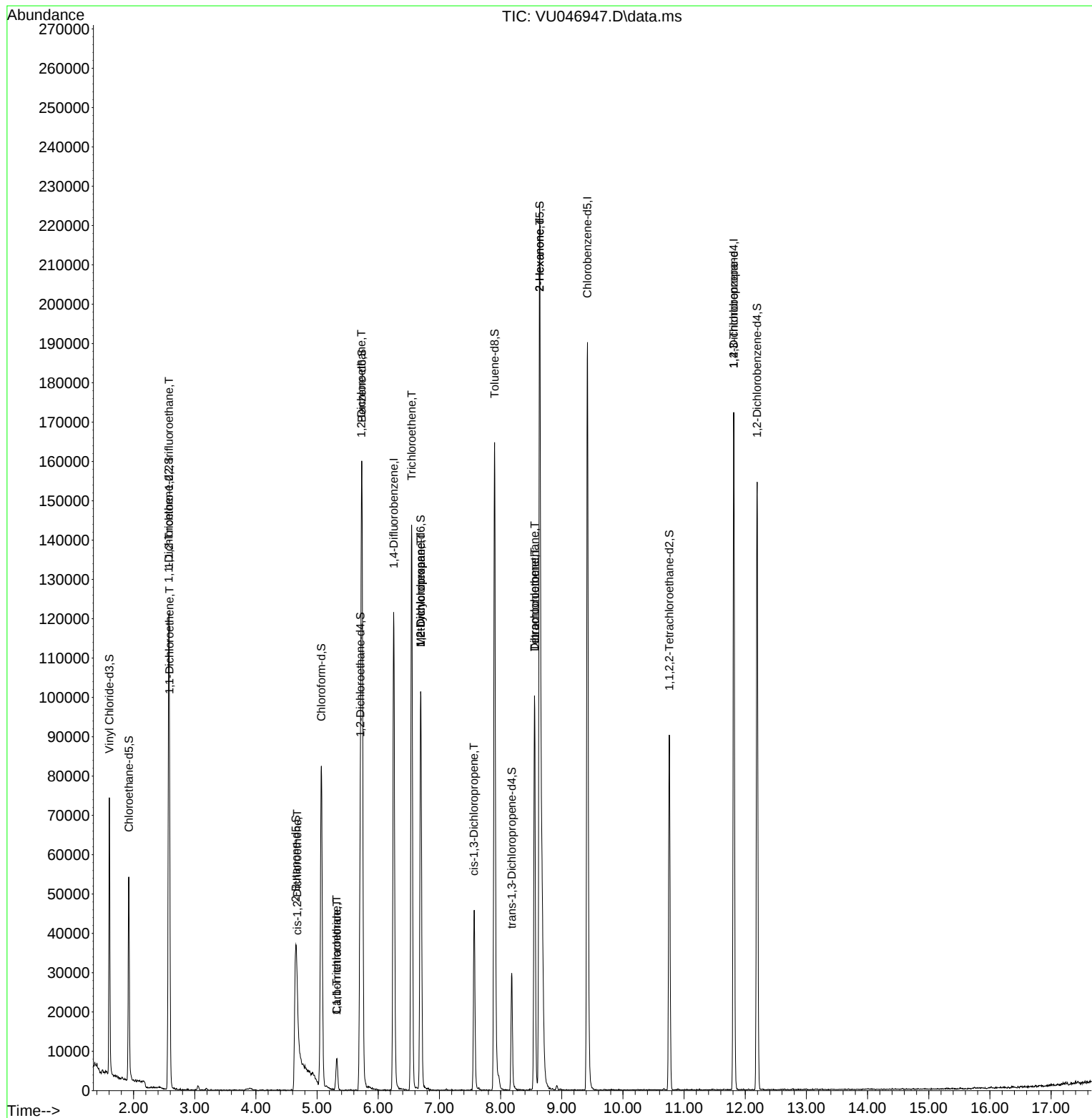
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101302	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	115584	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	51740	6.028	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.600%
7) Chloroethane-d5	1.922	69	39769	5.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.600%
11) 1,1-Dichloroethene-d2	2.575	65	19940	5.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.800%
20) 2-Butanone-d5	4.652	46	86290	33.933	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.860%
24) Chloroform-d	5.070	84	77876	5.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.706	65	44090	5.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.732	84	154165	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.694	67	49685	4.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.903	98	121308	3.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.182	79	18027	4.025	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.639	63	112325	42.351	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46368	4.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	40851	4.802	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	480	0.081	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	11912	2.106	ug/L #	22
22) cis-1,2-Dichloroethene	4.674	96	2221	0.344	ug/L	94
27) 1,2-Dichloroethane	5.726	62	772	0.107	ug/L #	73
29) 1,1,1-Trichloroethane	5.317	97	5871	0.564	ug/L	97
31) Carbon tetrachloride	5.324	117	783	0.088	ug/L	90
34) Trichloroethene	6.546	95	50168	7.100	ug/L	98
35) Methylcyclohexane	6.694	83	11882	1.004	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5147	0.771	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1043	0.100	ug/L #	71
47) Tetrachloroethene	8.555	164	23253	4.047	ug/L	92
48) 2-Hexanone	8.639	43	14292	3.869	ug/L #	64
49) Dibromochloromethane	8.555	129	22600	3.373	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5667	1.474	ug/L #	66

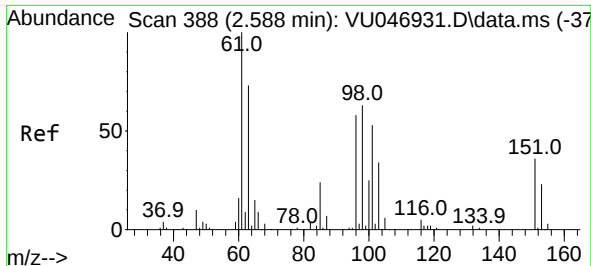
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 01 01:39:38 2022
Response via : Initial Calibration





#10

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

Concen: 0.081 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU046947.D

Acq: 01 Feb 2022 03:38

Instrument :

MSVOA_U

ClientSampleId :

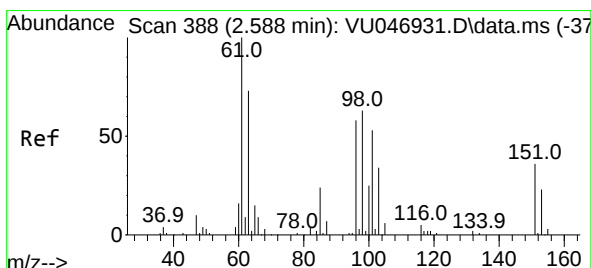
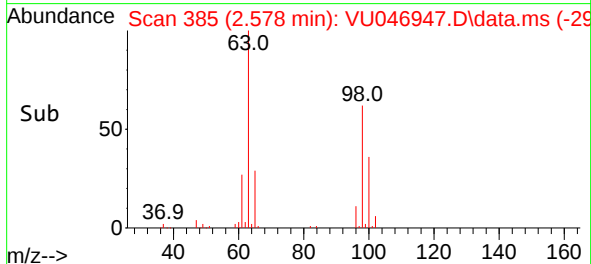
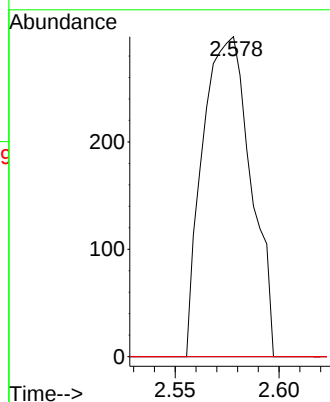
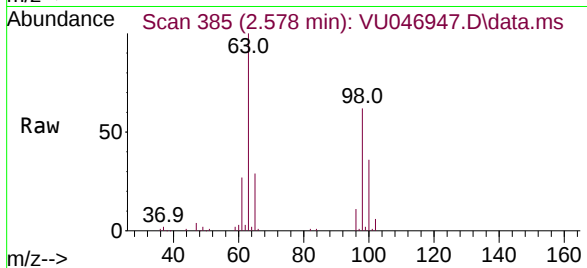
Tgt Ion:101 Resp: 480

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: 2.106 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046947.D

Acq: 01 Feb 2022 03:38

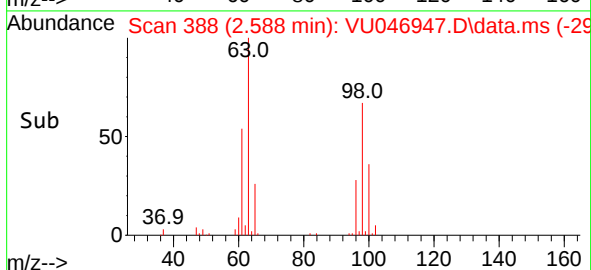
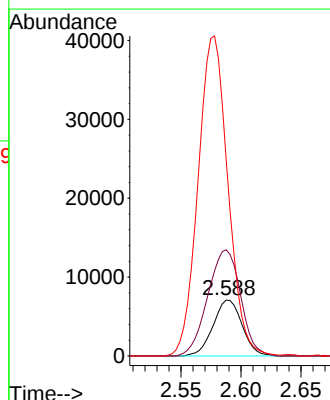
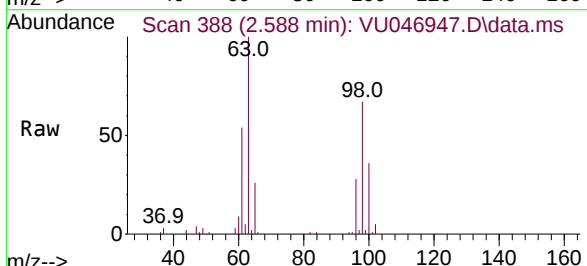
Tgt Ion: 96 Resp: 11912

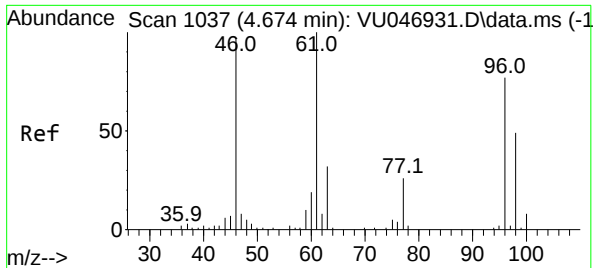
Ion Ratio Lower Upper

96 100

61 190.1 124.7 231.5

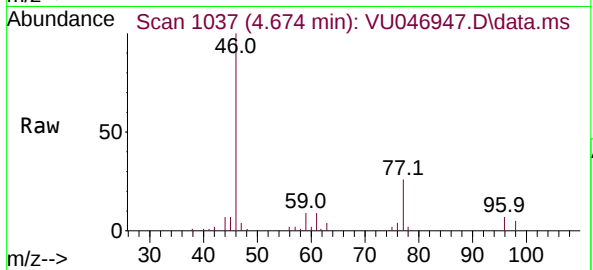
63 353.4 105.2 195.4#



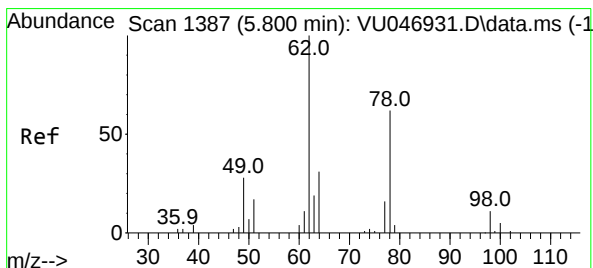
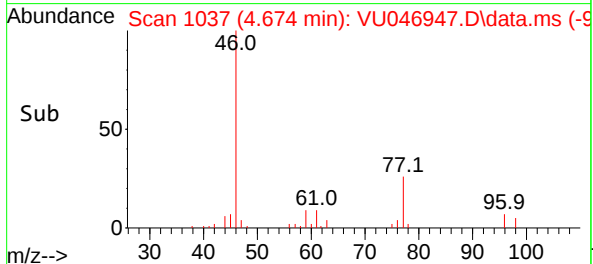
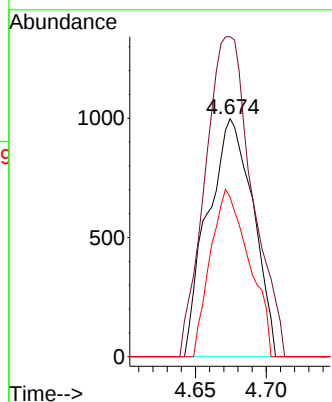


#22
 cis-1,2-Dichloroethene
 Concen: 0.344 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU046947.D
 Acq: 01 Feb 2022 03:38

Instrument :
 MSVOA_U
 ClientSampleId :

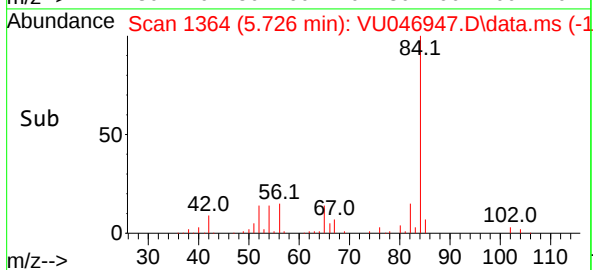
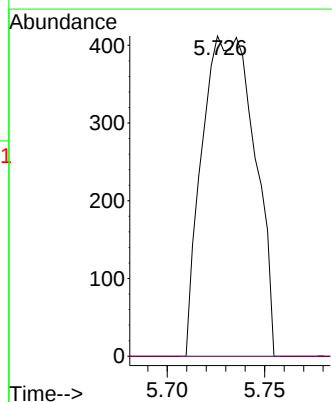
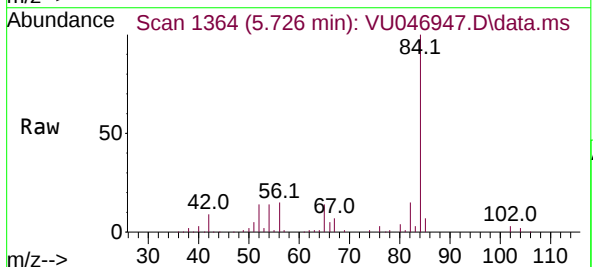


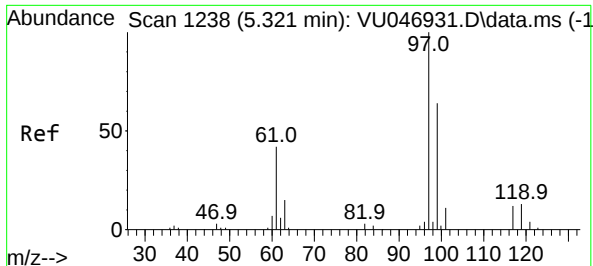
Tgt Ion:	96	Resp:	2221
Ion	Ratio	Lower	Upper
96	100		
61	134.5	88.5	164.3
98	66.9	44.4	82.5



#27
 1,2-Dichloroethane
 Concen: 0.107 ug/L
 RT: 5.726 min Scan# 1364
 Delta R.T. -0.074 min
 Lab File: VU046947.D
 Acq: 01 Feb 2022 03:38

Tgt Ion:	62	Resp:	772
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#





#29

1,1,1-Trichloroethane

Concen: 0.564 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU046947.D

Acq: 01 Feb 2022 03:38

Instrument :

MSVOA_U

ClientSampleId :

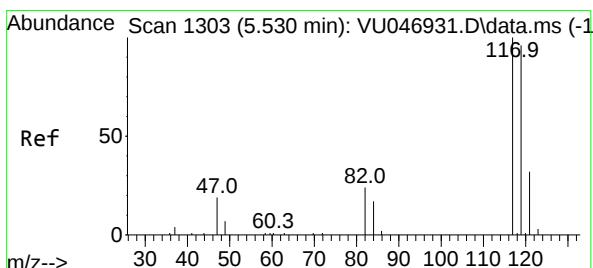
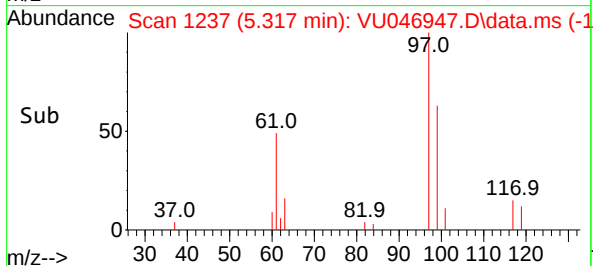
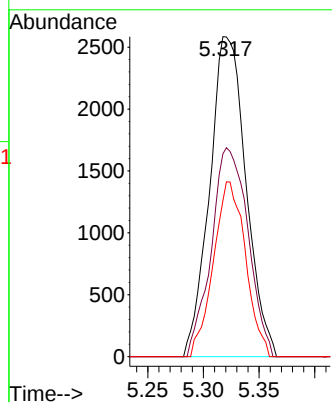
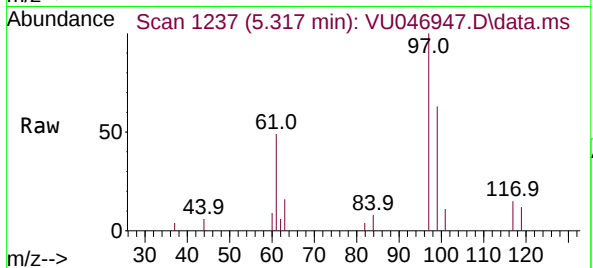
Tgt Ion: 97 Resp: 5871

Ion Ratio Lower Upper

97 100

99 65.9 51.3 76.9

61 48.2 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.088 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.206 min

Lab File: VU046947.D

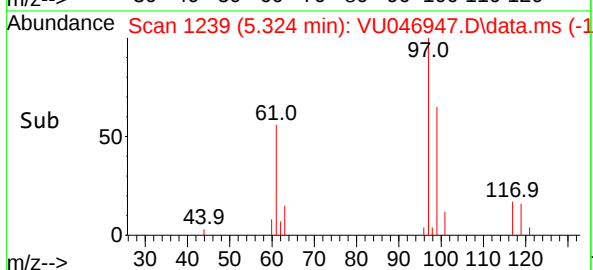
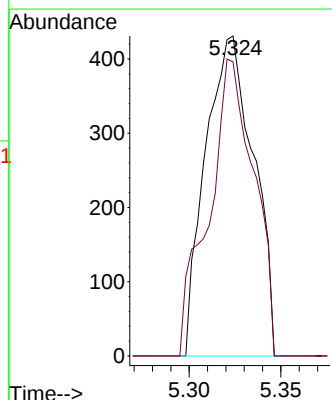
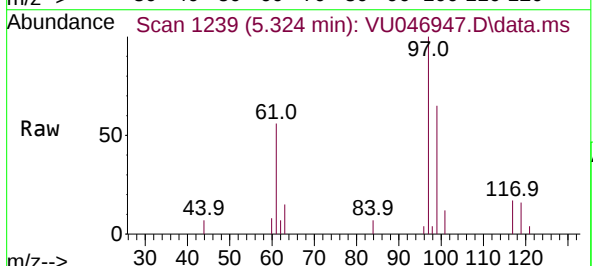
Acq: 01 Feb 2022 03:38

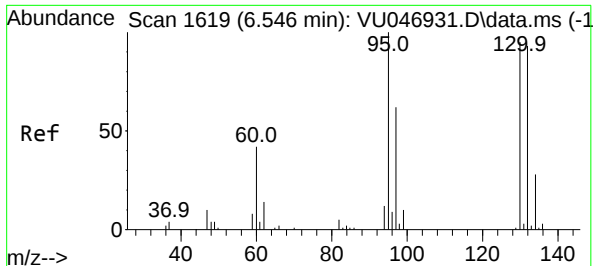
Tgt Ion: 117 Resp: 783

Ion Ratio Lower Upper

117 100

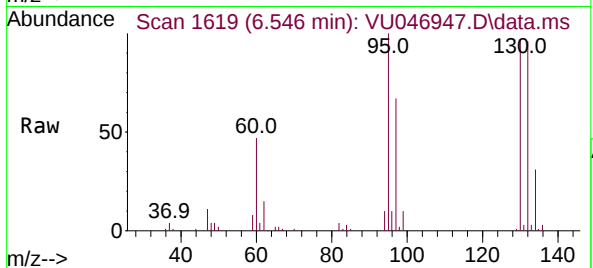
119 87.4 77.5 116.3





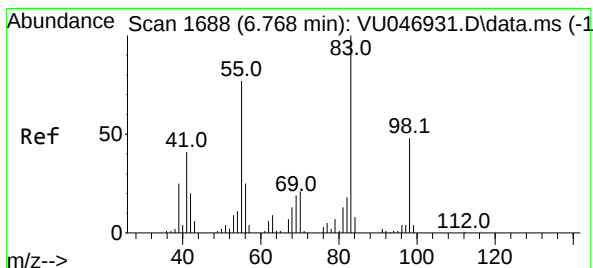
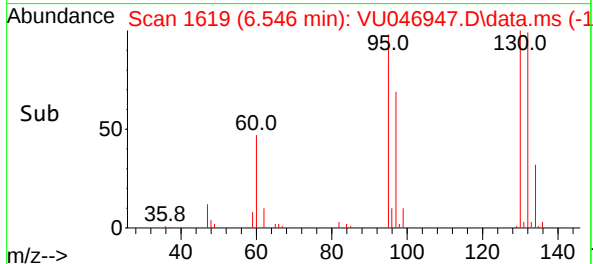
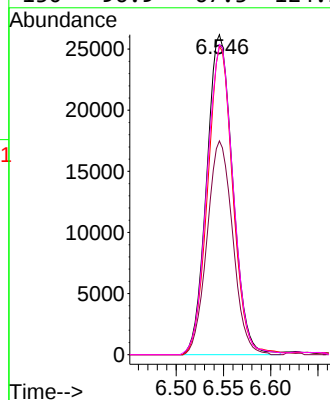
#34
Trichloroethene
Concen: 7.100 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046947.D
Acq: 01 Feb 2022 03:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 50168

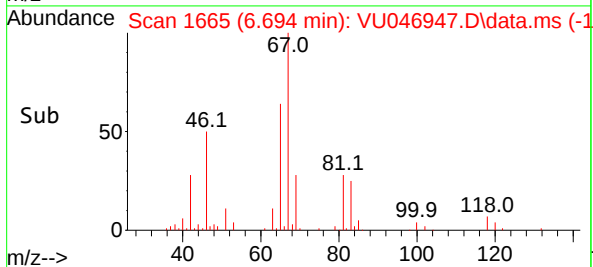
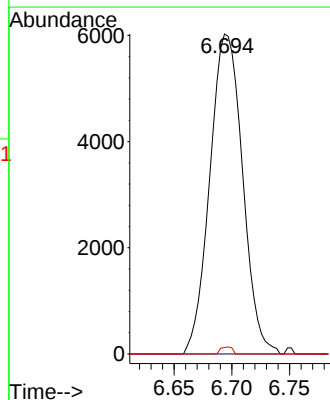
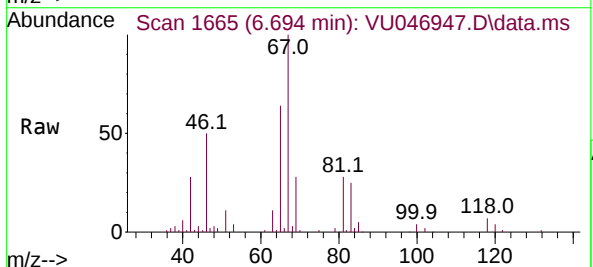
Ion	Ratio	Lower	Upper
95	100		
97	66.8	46.5	86.5
132	96.4	65.1	120.9
130	96.9	67.3	124.9

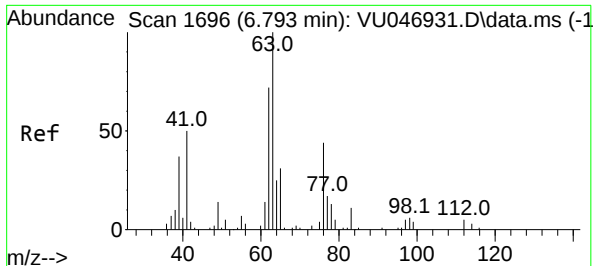


#35
Methylcyclohexane
Concen: 1.004 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046947.D
Acq: 01 Feb 2022 03:38

Tgt Ion: 83 Resp: 11882

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.8	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.771 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046947.D

Acq: 01 Feb 2022 03:38

Instrument :

MSVOA_U

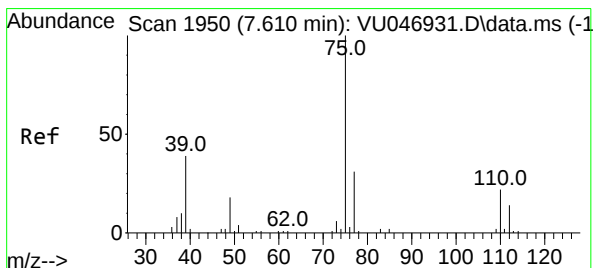
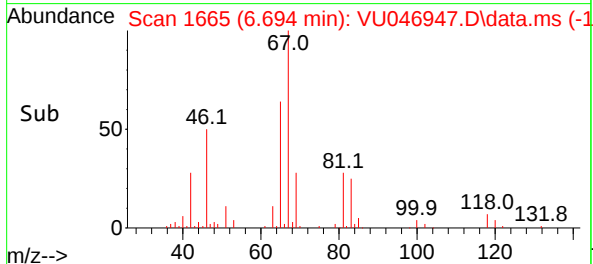
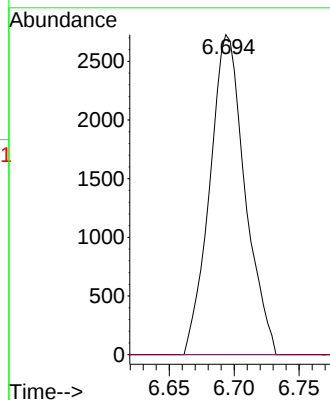
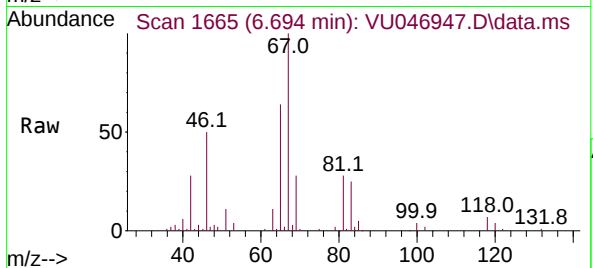
ClientSampleId :

Tgt Ion: 63 Resp: 5147

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046947.D

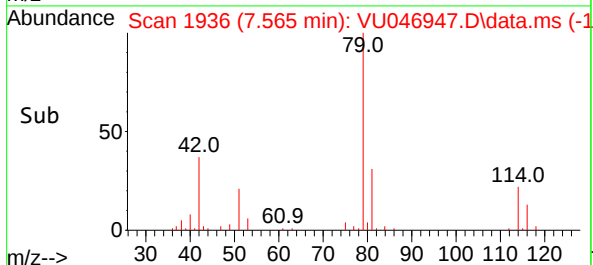
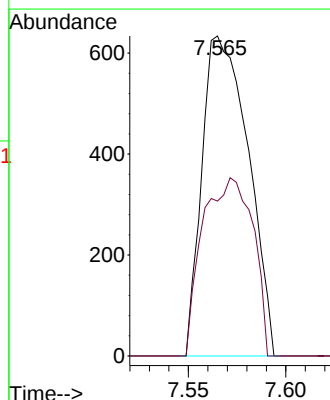
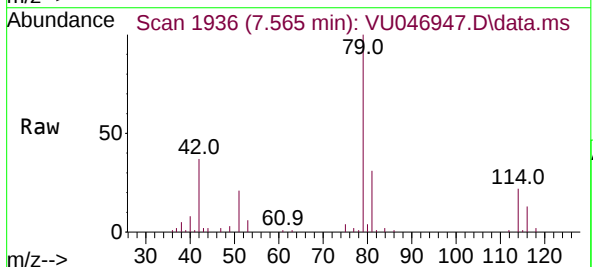
Acq: 01 Feb 2022 03:38

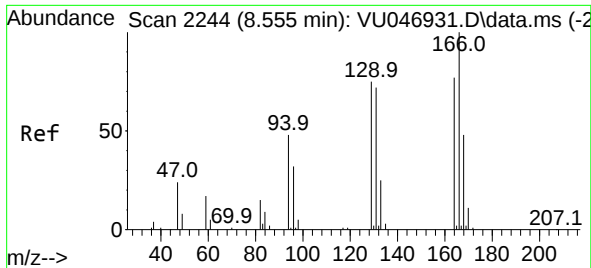
Tgt Ion: 75 Resp: 1043

Ion Ratio Lower Upper

75 100

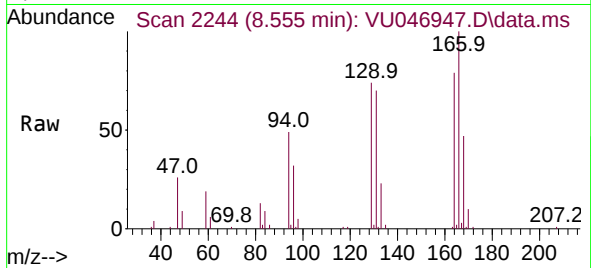
77 48.4 22.5 41.9#



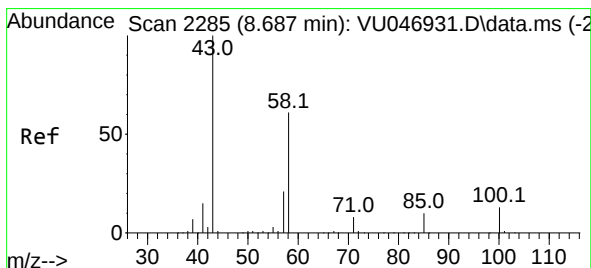
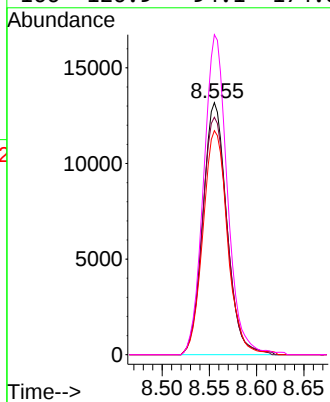
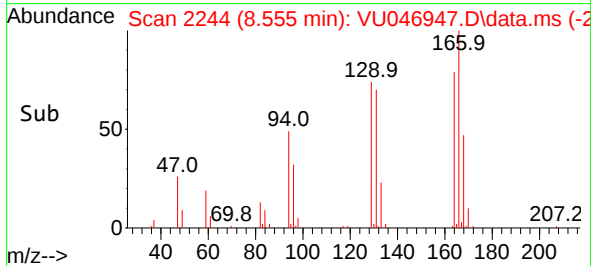


#47
Tetrachloroethene
Concen: 4.047 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046947.D
Acq: 01 Feb 2022 03:38

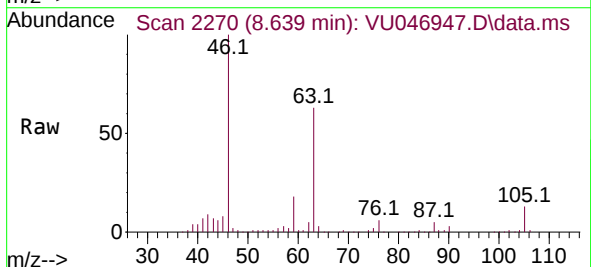
Instrument :
MSVOA_U
ClientSampleId :



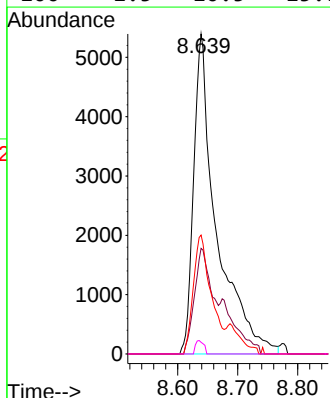
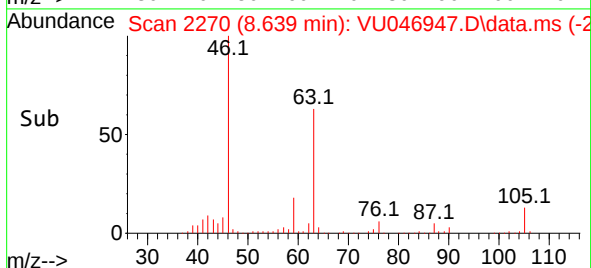
Tgt Ion:164 Resp: 23253
Ion Ratio Lower Upper
164 100
129 94.2 71.8 133.4
131 88.9 68.5 127.3
166 126.9 94.1 174.8

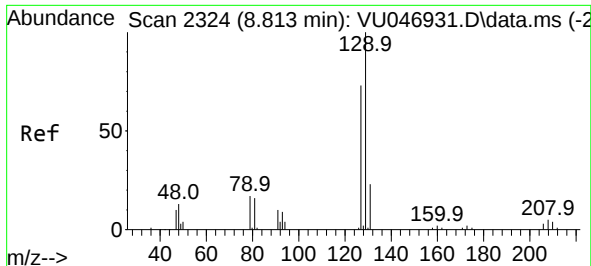


#48
2-Hexanone
Concen: 3.869 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.048 min
Lab File: VU046947.D
Acq: 01 Feb 2022 03:38



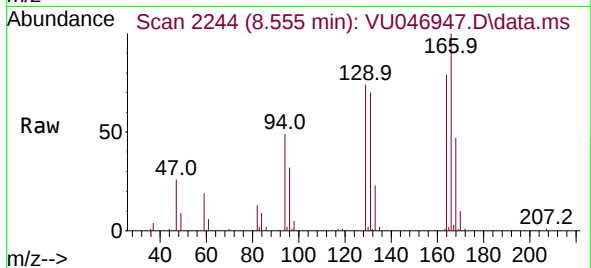
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Ion Ratio Lower Upper
43 100
58 25.3 46.7 70.1#
57 29.0 16.3 24.5#
100 1.5 10.5 15.7#



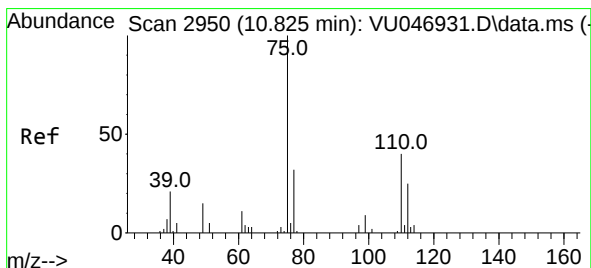
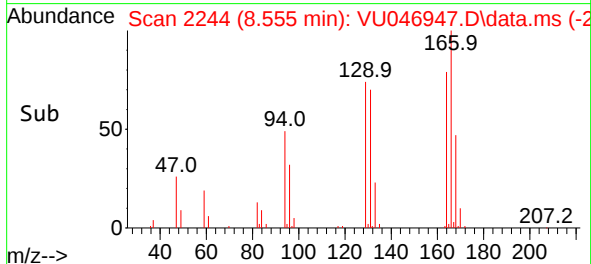
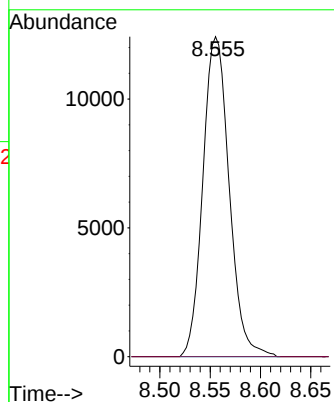


#49
 Dibromochloromethane
 Concen: 3.373 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU046947.D
 Acq: 01 Feb 2022 03:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 22600
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#



#61
 1,2,3-Trichloropropane
 Concen: 1.474 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046947.D
 Acq: 01 Feb 2022 03:38

Tgt Ion: 75 Resp: 5667
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 31.0 25.5 38.3

