

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046946.D
 Acq On : 01 Feb 2022 03:14
 Operator : SY/MD
 Sample : N1273-16DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:46:59 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)

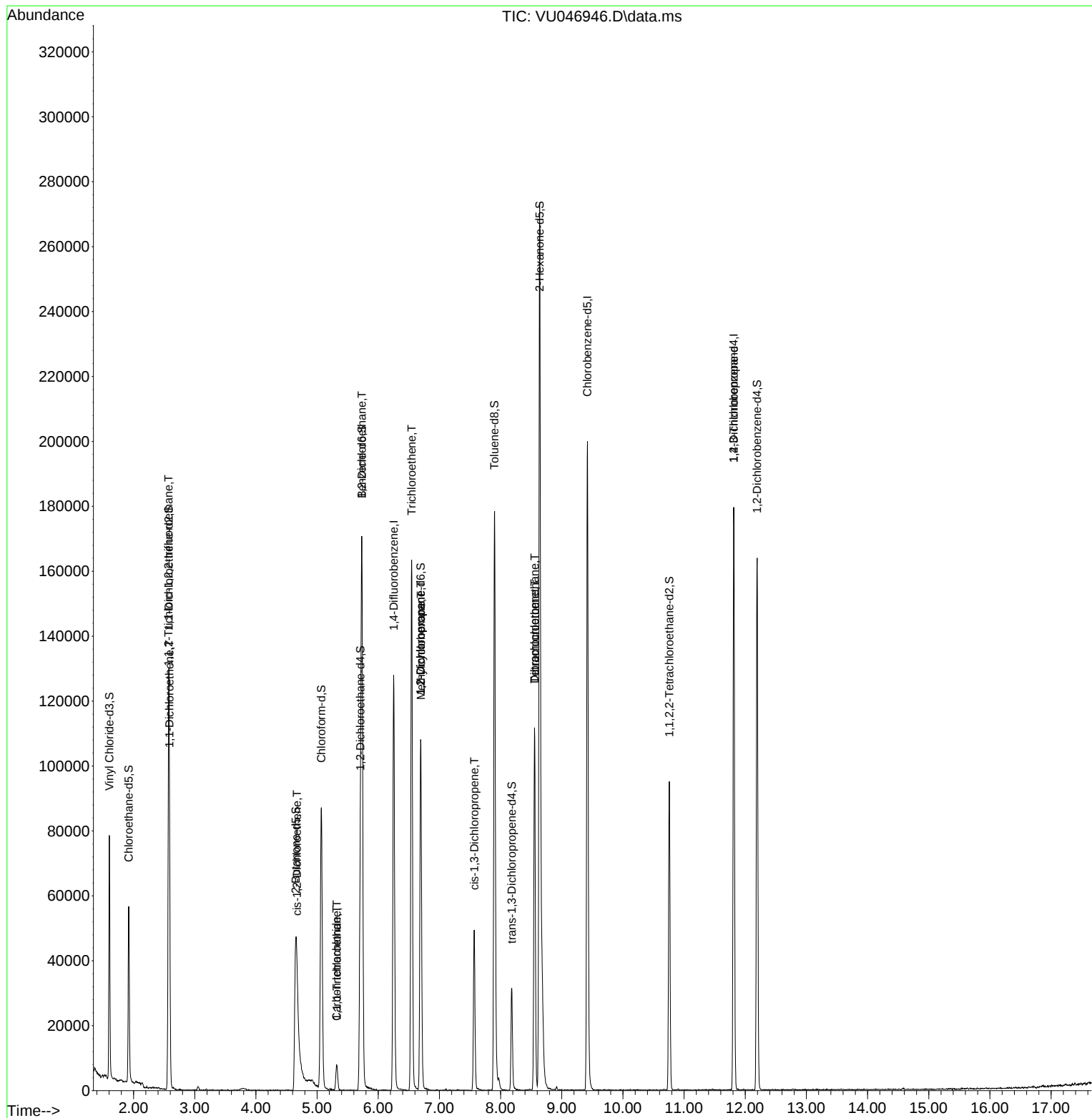
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	105141	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118682	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54261	6.090	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.800%
7) Chloroethane-d5	1.919	69	42283	6.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.400%
11) 1,1-Dichloroethene-d2	2.575	65	21335	6.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.400%
20) 2-Butanone-d5	4.652	46	115635	43.812	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.620%
24) Chloroform-d	5.070	84	84619	5.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.706	65	46530	5.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	5.732	84	162964	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.694	67	52534	5.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	128942	4.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.182	79	19541	4.249	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.639	63	117709	43.222	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49976	4.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	42658	4.720	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	621	0.101	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	12765	2.174	ug/L #	37
22) cis-1,2-Dichloroethene	4.671	96	2159	0.322	ug/L	91
27) 1,2-Dichloroethane	5.732	62	759	0.101	ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	6265	0.586	ug/L	97
31) Carbon tetrachloride	5.317	117	825	0.090	ug/L #	48
34) Trichloroethene	6.546	95	57266	7.893	ug/L	98
35) Methylcyclohexane	6.697	83	12095	0.995	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	5815	0.848	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1170	0.109	ug/L #	67
47) Tetrachloroethene	8.555	164	25554	4.331	ug/L	93
49) Dibromochloromethane	8.555	129	24271	3.528	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6247	1.530	ug/L #	63

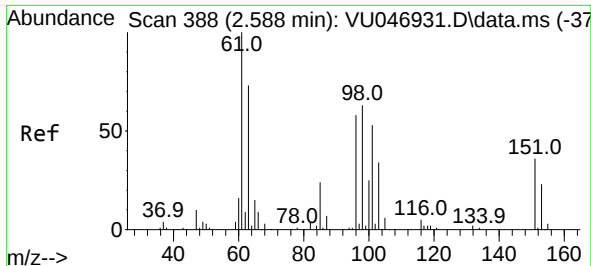
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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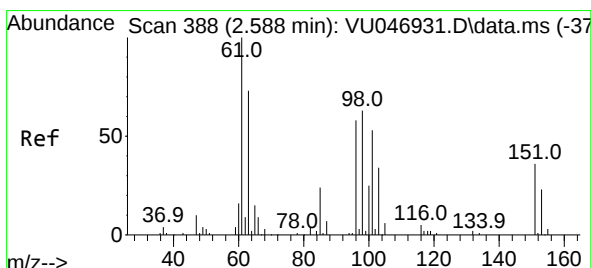
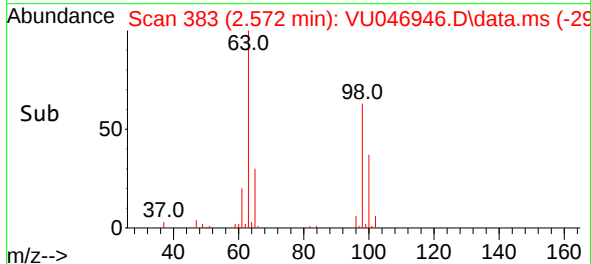
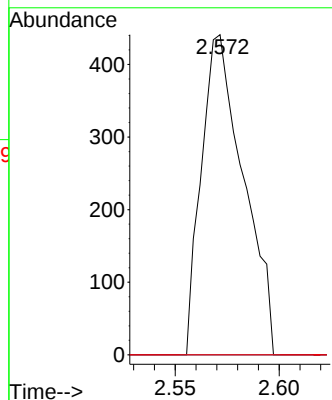
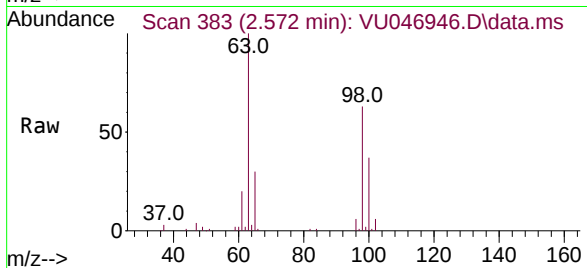




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.101 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046946.D
 Acq: 01 Feb 2022 03:14

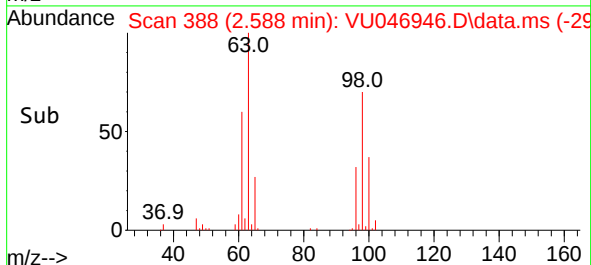
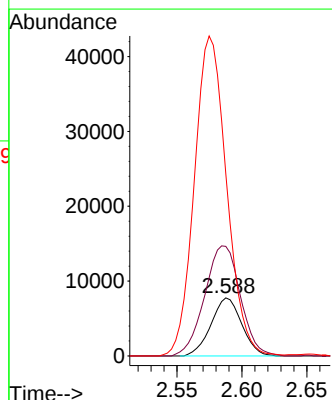
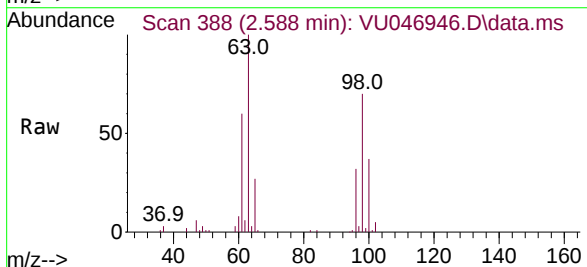
Instrument :
 MSVOA_U
 ClientSampleId :

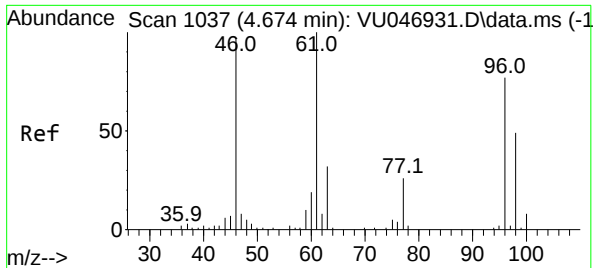
Tgt Ion:101 Resp: 621
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 2.174 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046946.D
 Acq: 01 Feb 2022 03:14

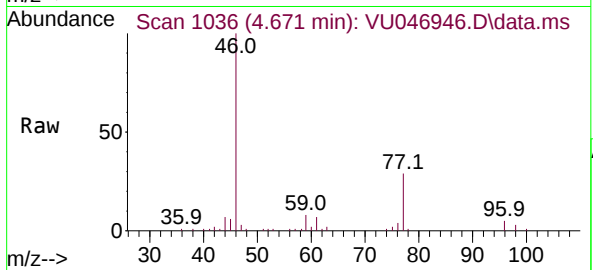
Tgt Ion: 96 Resp: 12765
 Ion Ratio Lower Upper
 96 100
 61 188.4 124.7 231.5
 63 313.5 105.2 195.4#





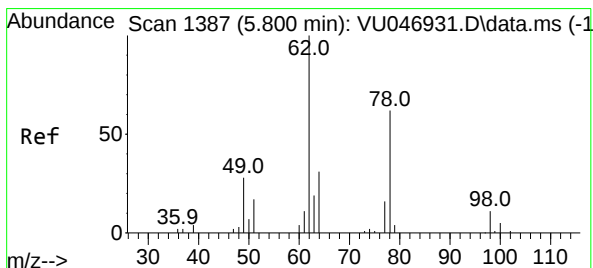
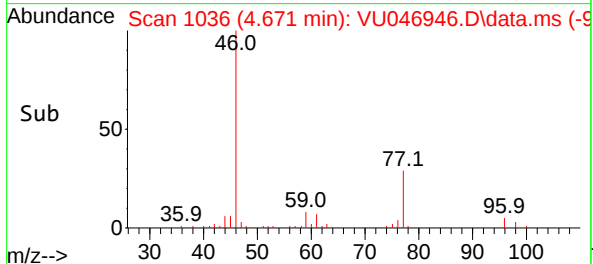
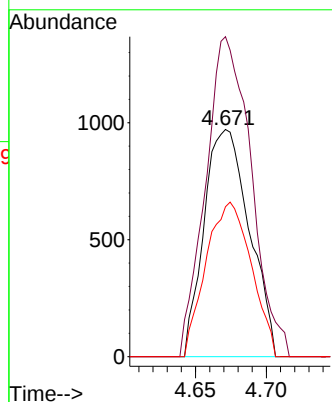
#22
 cis-1,2-Dichloroethene
 Concen: 0.322 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046946.D
 Acq: 01 Feb 2022 03:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 2159

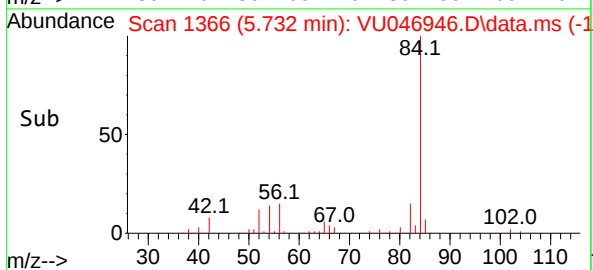
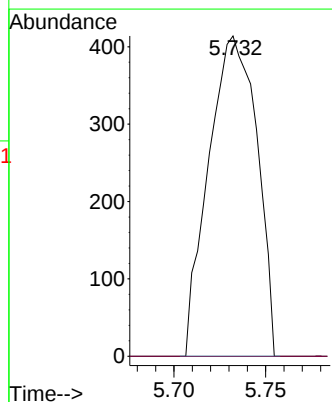
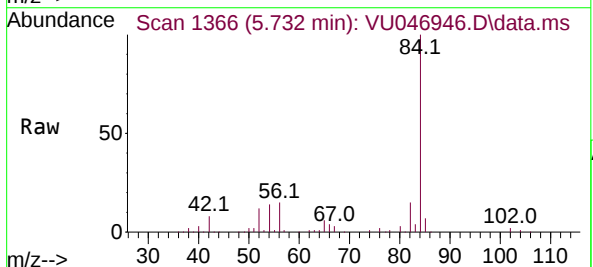
Ion	Ratio	Lower	Upper
96	100		
61	140.9	88.5	164.3
98	66.0	44.4	82.5

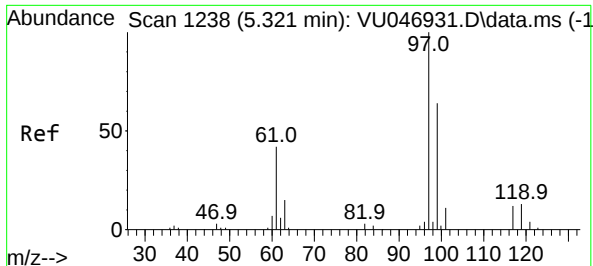


#27
 1,2-Dichloroethane
 Concen: 0.101 ug/L
 RT: 5.732 min Scan# 1366
 Delta R.T. -0.068 min
 Lab File: VU046946.D
 Acq: 01 Feb 2022 03:14

Tgt Ion: 62 Resp: 759

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#

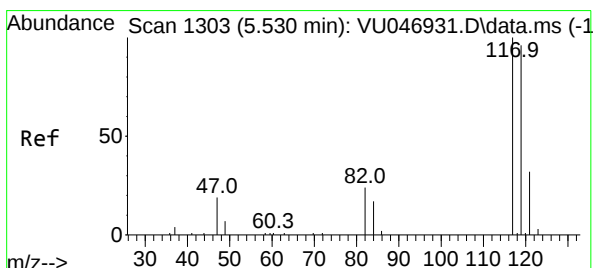
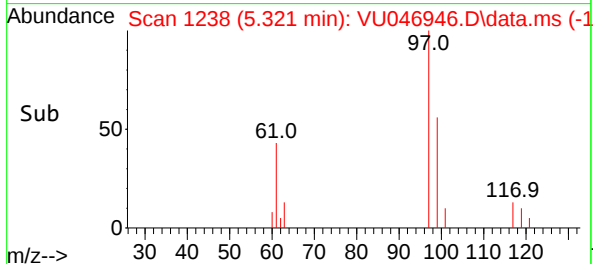
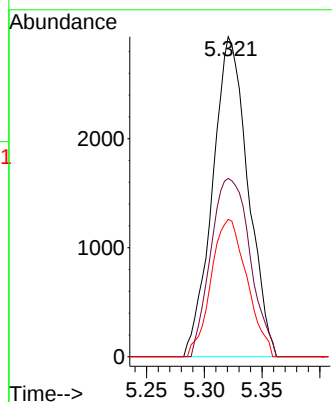
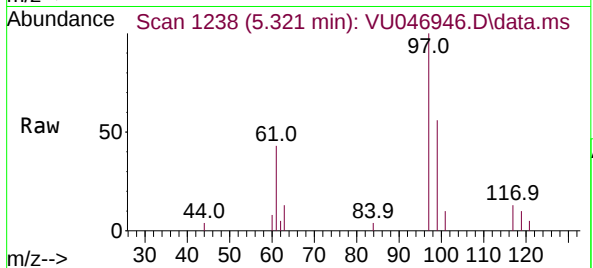




#29
1,1,1-Trichloroethane
Concen: 0.586 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046946.D
Acq: 01 Feb 2022 03:14

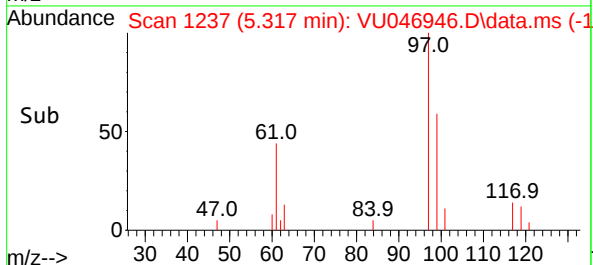
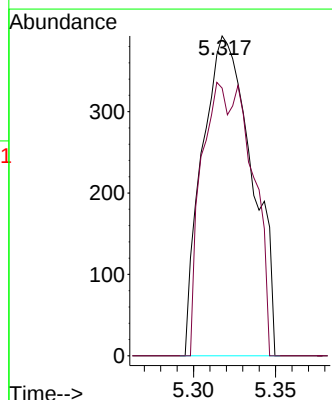
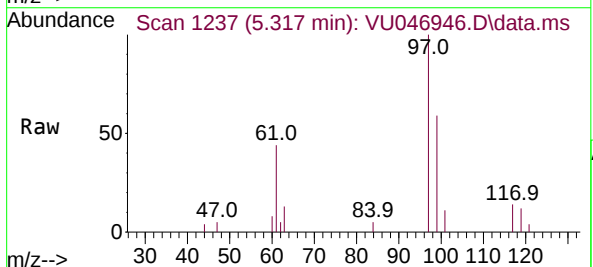
Instrument :
MSVOA_U
ClientSampleId :

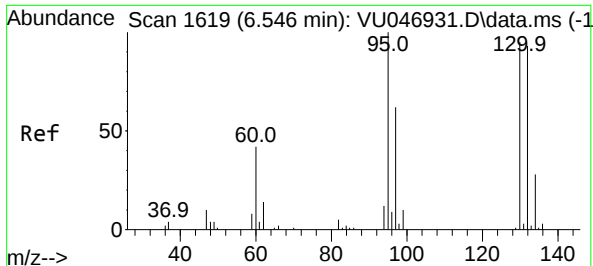
Tgt Ion: 97 Resp: 6265
Ion Ratio Lower Upper
97 100
99 61.9 51.3 76.9
61 43.5 36.1 54.1



#31
Carbon tetrachloride
Concen: 0.090 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.212 min
Lab File: VU046946.D
Acq: 01 Feb 2022 03:14

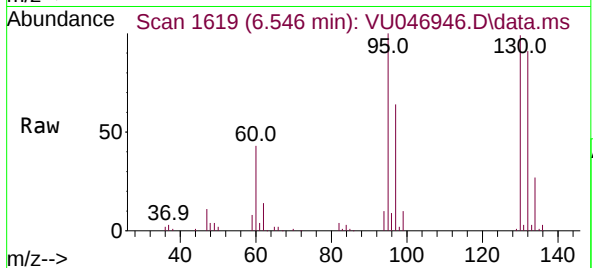
Tgt Ion: 117 Resp: 825
Ion Ratio Lower Upper
117 100
119 45.6 77.5 116.3#





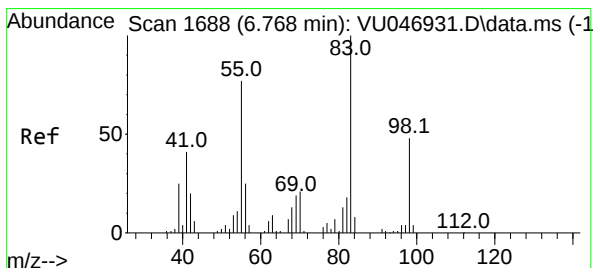
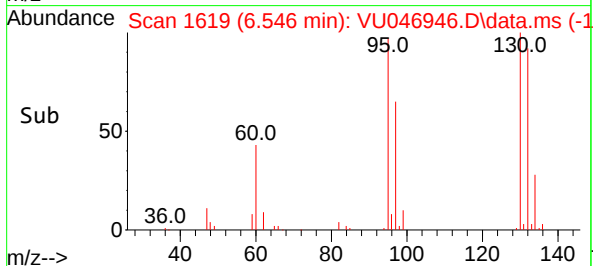
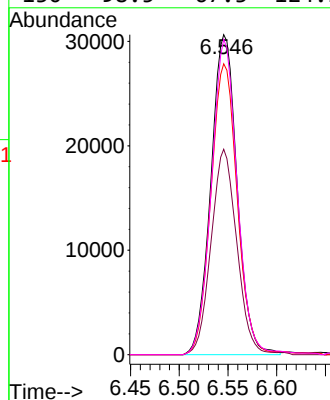
#34
Trichloroethene
Concen: 7.893 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046946.D
Acq: 01 Feb 2022 03:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 57266

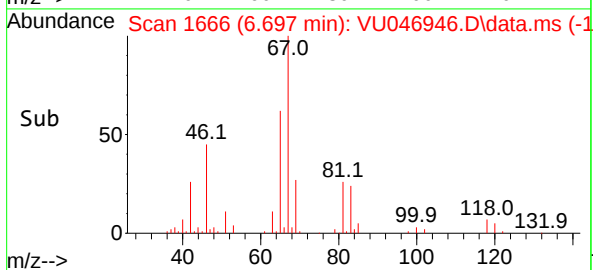
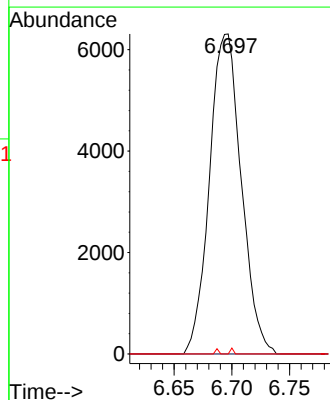
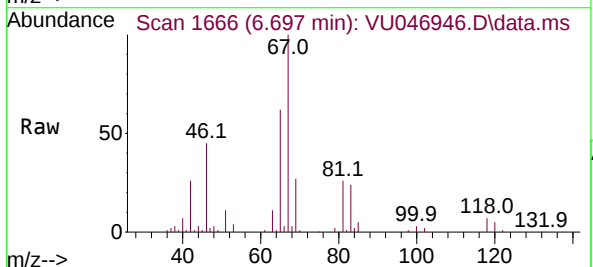
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.5	86.5
132	90.9	65.1	120.9
130	98.5	67.3	124.9

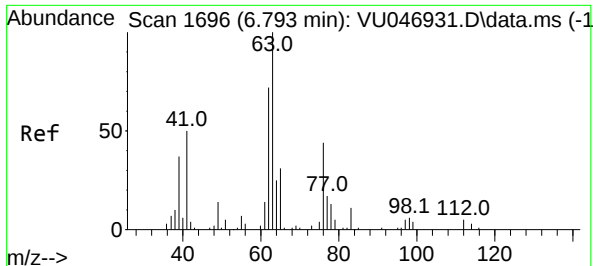


#35
Methylcyclohexane
Concen: 0.995 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU046946.D
Acq: 01 Feb 2022 03:14

Tgt Ion: 83 Resp: 12095

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: 0.848 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046946.D

Acq: 01 Feb 2022 03:14

Instrument :

MSVOA_U

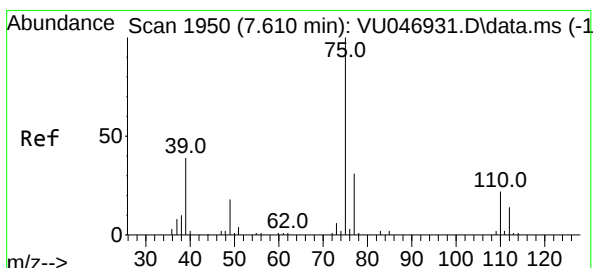
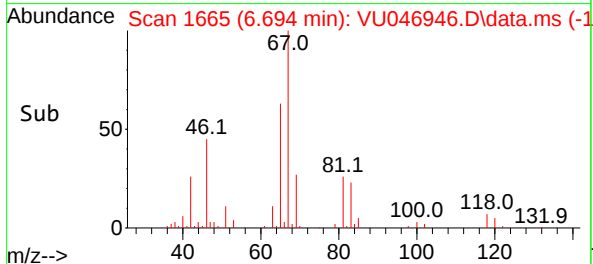
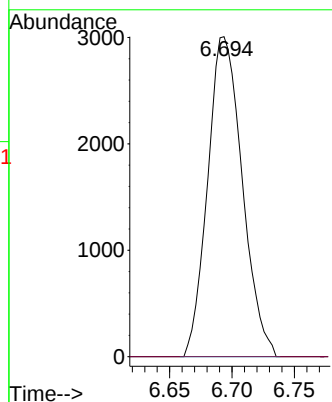
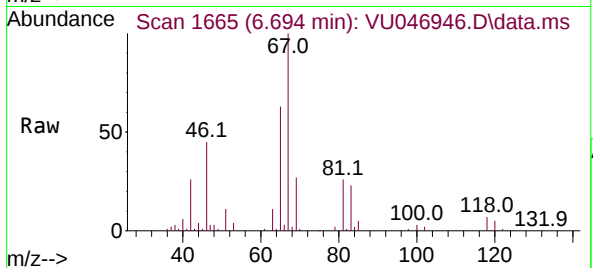
ClientSampleId :

Tgt Ion: 63 Resp: 5815

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046946.D

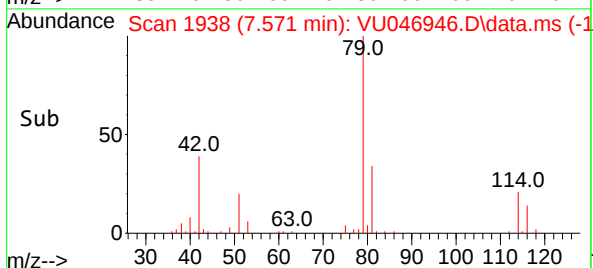
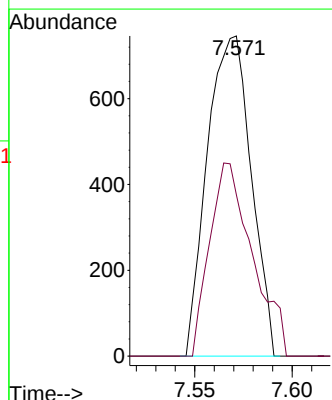
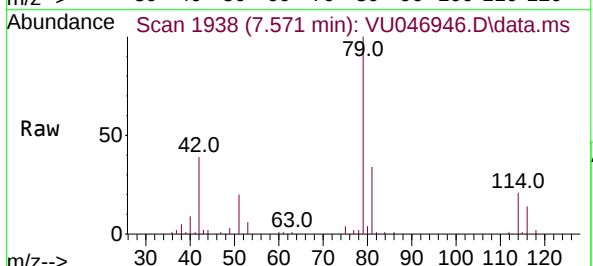
Acq: 01 Feb 2022 03:14

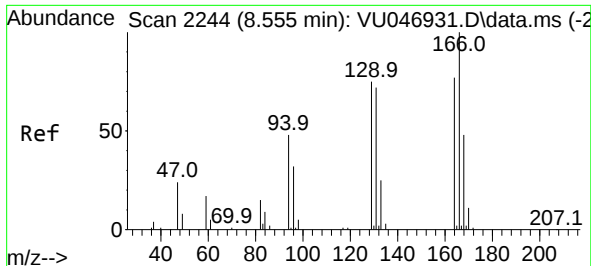
Tgt Ion: 75 Resp: 1170

Ion Ratio Lower Upper

75 100

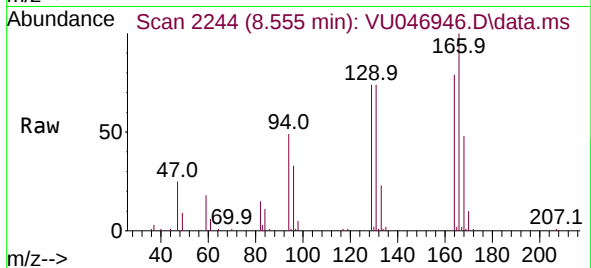
77 50.4 22.5 41.9#



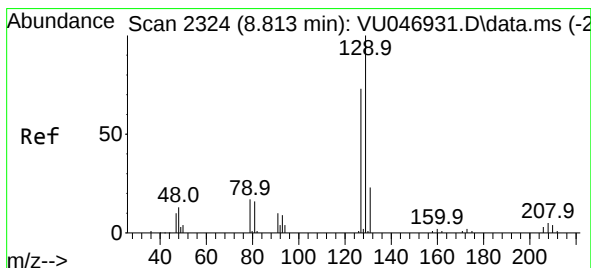
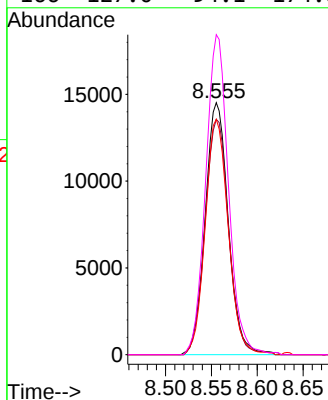
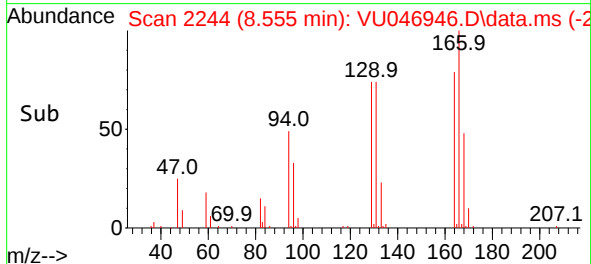


#47
Tetrachloroethene
Concen: 4.331 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046946.D
Acq: 01 Feb 2022 03:14

Instrument :
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ClientSampleId :

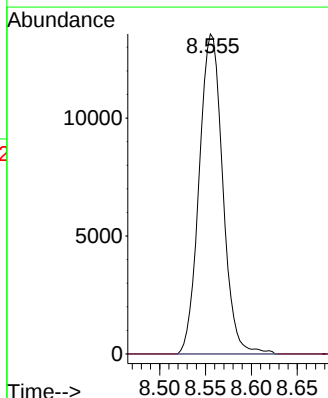
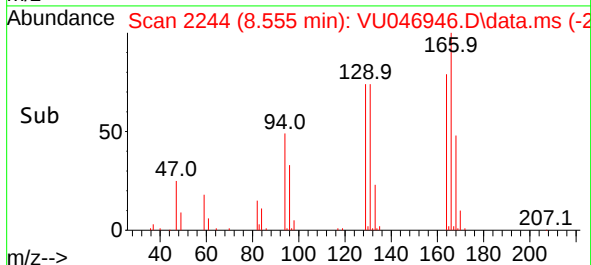
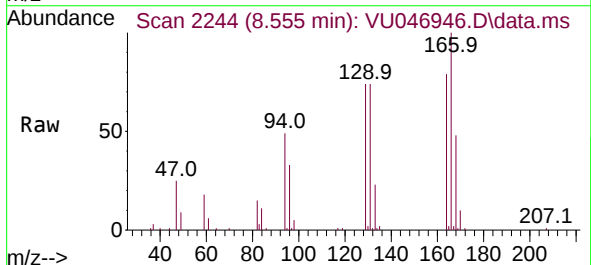


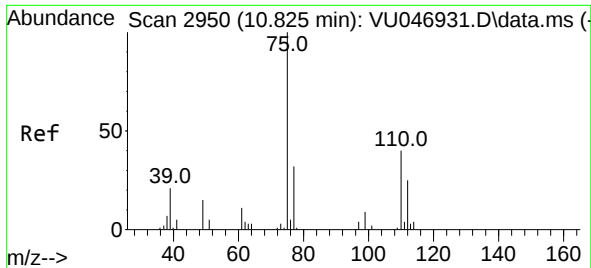
Tgt Ion:164 Resp: 25554
Ion Ratio Lower Upper
164 100
129 93.4 71.8 133.4
131 93.4 68.5 127.3
166 127.0 94.1 174.8



#49
Dibromochloromethane
Concen: 3.528 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046946.D
Acq: 01 Feb 2022 03:14

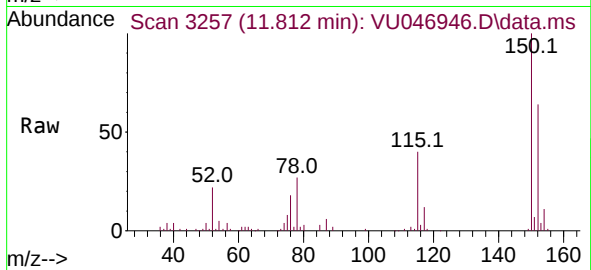
Tgt Ion:129 Resp: 24271
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.530 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046946.D
 Acq: 01 Feb 2022 03:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6247
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 28.4 25.5 38.3

