

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046933.D
 Acq On : 31 Jan 2022 21:57
 Operator : SY/MD
 Sample : N1328-03DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:01:08 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)

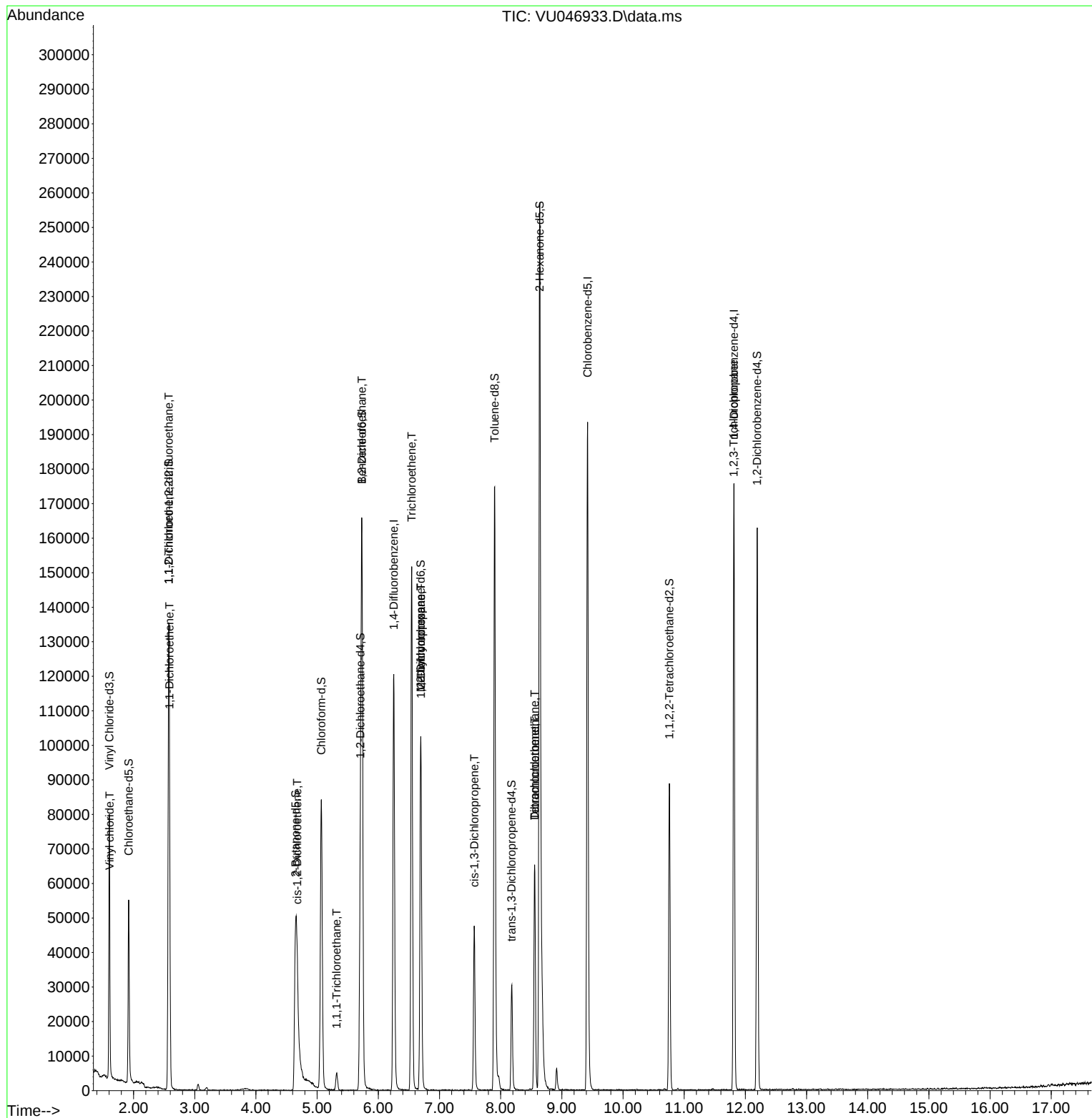
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114126	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54427	6.334	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.600%
7) Chloroethane-d5	1.919	69	40688	6.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.200%
11) 1,1-Dichloroethene-d2	2.575	65	20935	6.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	122.400%
20) 2-Butanone-d5	4.649	46	112416	44.161	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.320%
24) Chloroform-d	5.070	84	79932	5.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.706	65	44679	5.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.732	84	159646	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.694	67	51300	5.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.902	98	124597	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.179	79	18972	4.290	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.639	63	107667	41.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45938	4.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	42504	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	1700	0.208	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	508	0.086	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	16514	2.917	ug/L #	75
22) cis-1,2-Dichloroethene	4.674	96	6271	0.969	ug/L	92
27) 1,2-Dichloroethane	5.732	62	782	0.108	ug/L #	73
29) 1,1,1-Trichloroethane	5.317	97	3831	0.373	ug/L	97
34) Trichloroethene	6.546	95	53308	7.641	ug/L	97
35) Methylcyclohexane	6.694	83	12191	1.043	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	5279	0.801	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1092	0.106	ug/L #	66
47) Tetrachloroethene	8.555	164	15192	2.678	ug/L	94
49) Dibromochloromethane	8.555	129	15185	2.296	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	5881	1.493	ug/L #	66

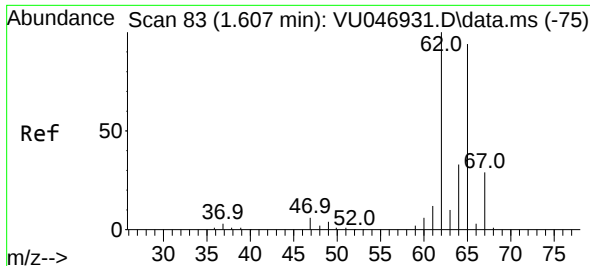
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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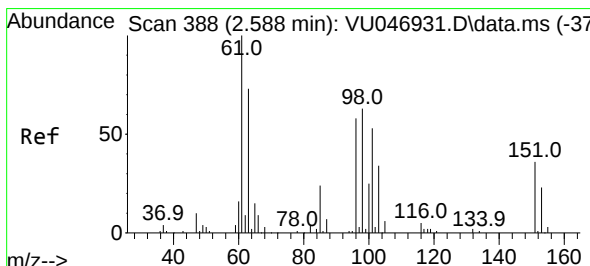
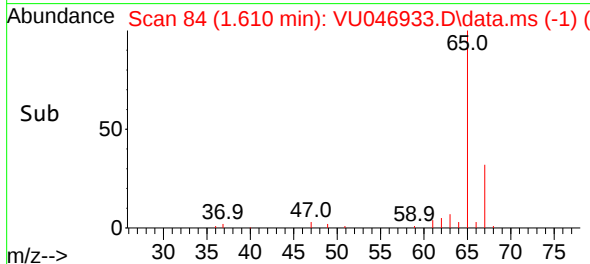
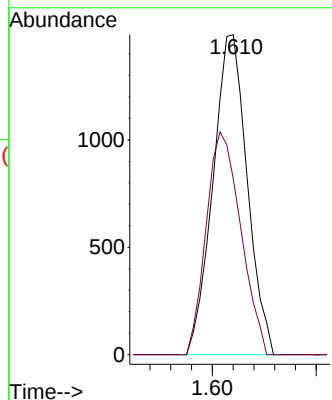
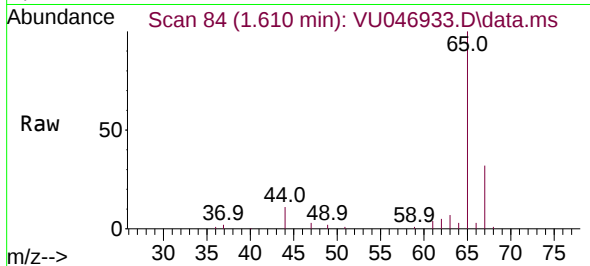




#5
 Vinyl chloride
 Concen: 0.208 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046933.D
 Acq: 31 Jan 2022 21:57

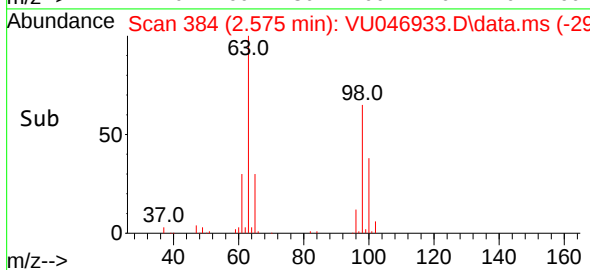
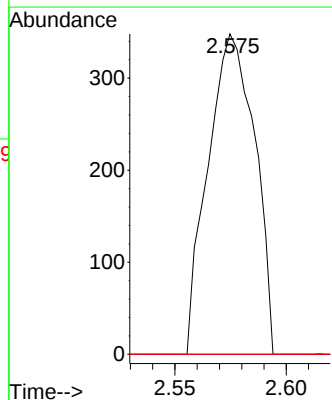
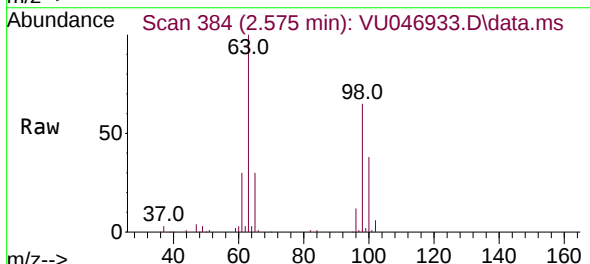
Instrument :
 MSVOA_U
 ClientSampleId :

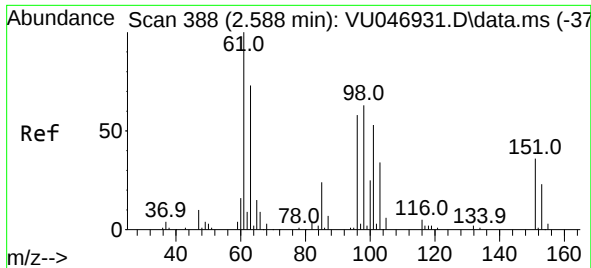
Tgt Ion: 62 Resp: 1700
 Ion Ratio Lower Upper
 62 100
 64 55.0 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.086 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046933.D
 Acq: 31 Jan 2022 21:57

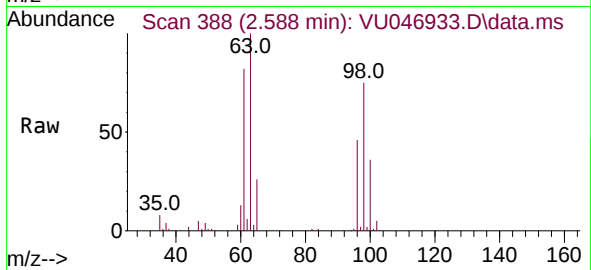
Tgt Ion: 101 Resp: 508
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



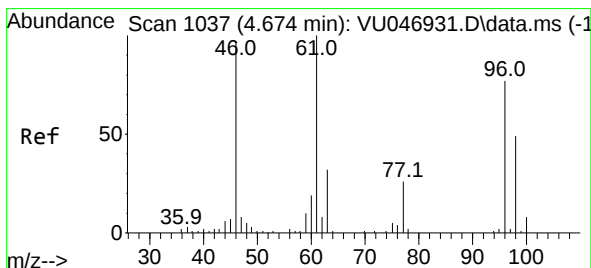
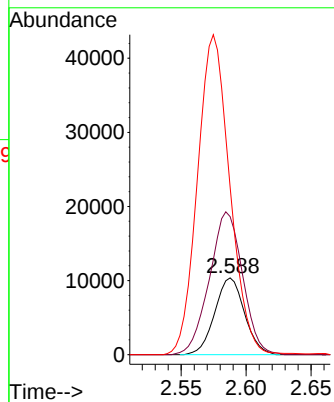
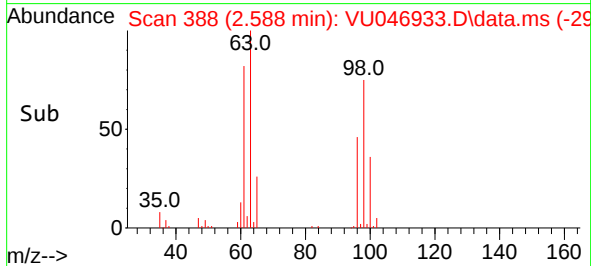


#12
1,1-Dichloroethene
Concen: 2.917 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046933.D
Acq: 31 Jan 2022 21:57

Instrument :
MSVOA_U
ClientSampleId :

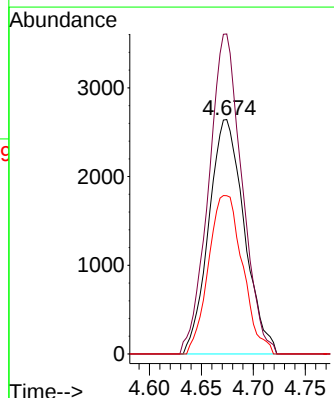
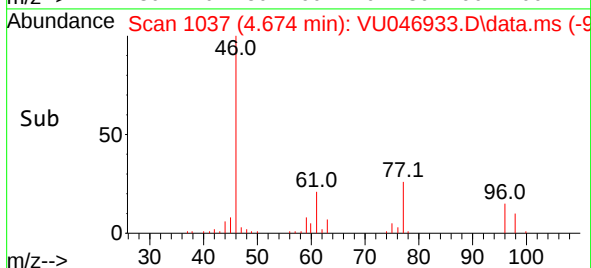
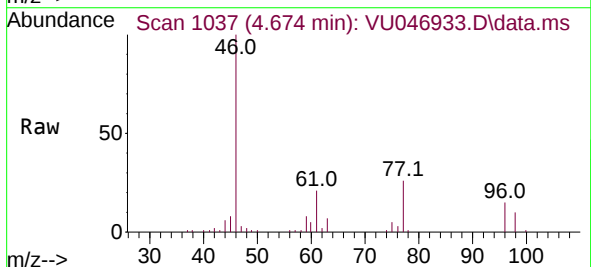


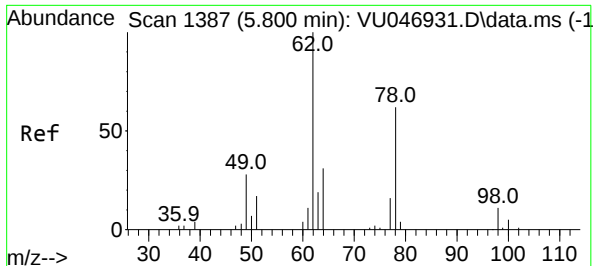
Tgt Ion: 96 Resp: 16514
Ion Ratio Lower Upper
96 100
61 180.0 124.7 231.5
63 218.5 105.2 195.4#



#22
cis-1,2-Dichloroethene
Concen: 0.969 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU046933.D
Acq: 31 Jan 2022 21:57

Tgt Ion: 96 Resp: 6271
Ion Ratio Lower Upper
96 100
61 136.5 88.5 164.3
98 67.5 44.4 82.5

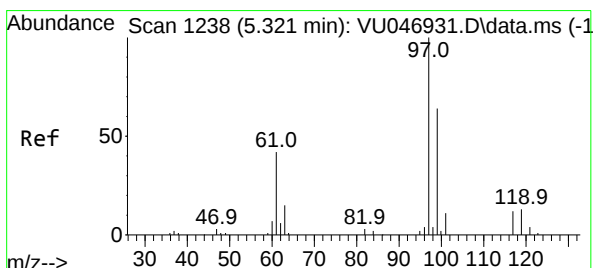
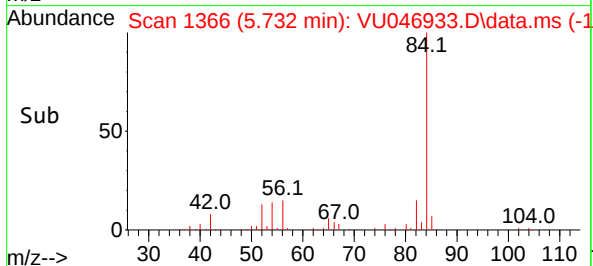
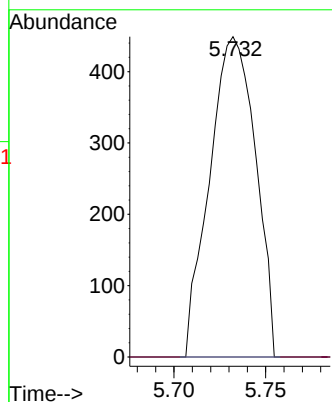
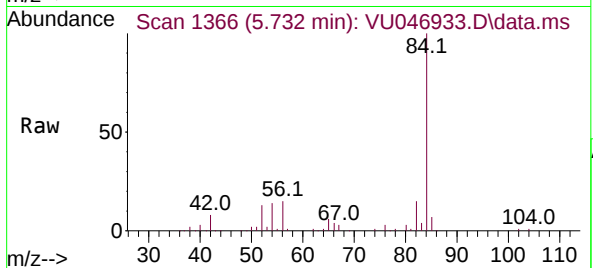




#27
1,2-Dichloroethane
Concen: 0.108 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU046933.D
Acq: 31 Jan 2022 21:57

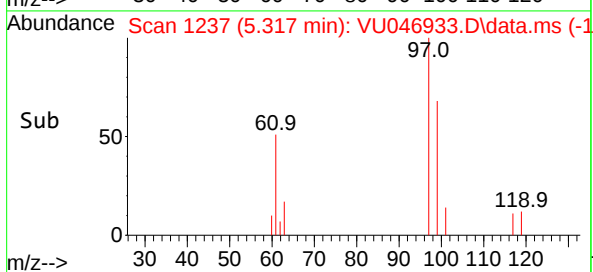
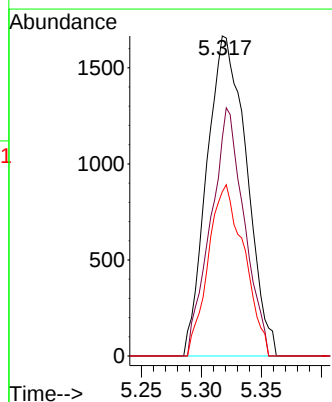
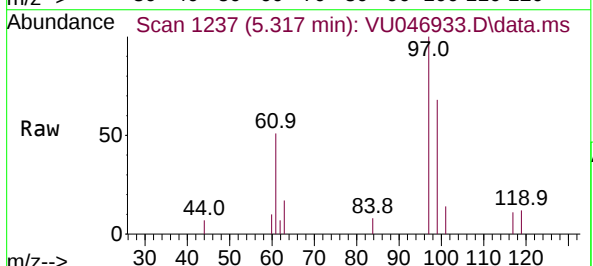
Instrument :
MSVOA_U
ClientSampleId :

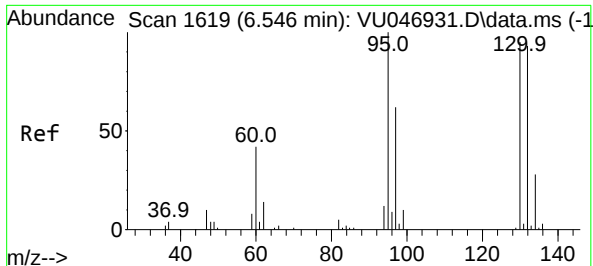
Tgt Ion: 62 Resp: 782
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#29
1,1,1-Trichloroethane
Concen: 0.373 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU046933.D
Acq: 31 Jan 2022 21:57

Tgt Ion: 97 Resp: 3831
Ion Ratio Lower Upper
97 100
99 65.3 51.3 76.9
61 48.6 36.1 54.1

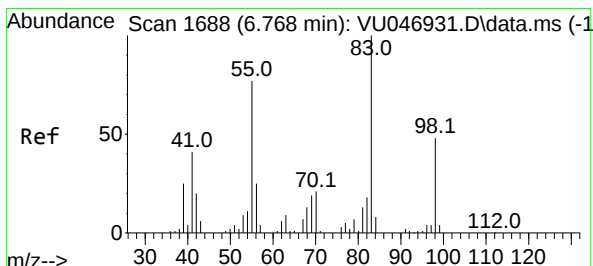
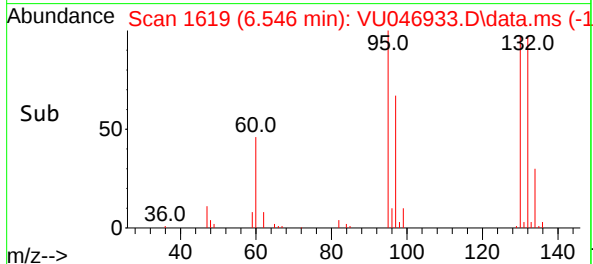
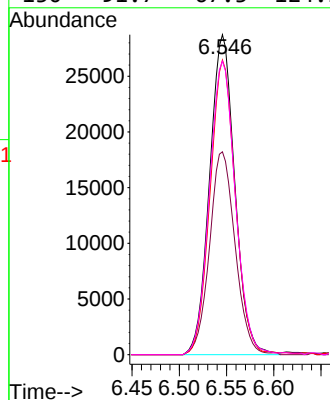
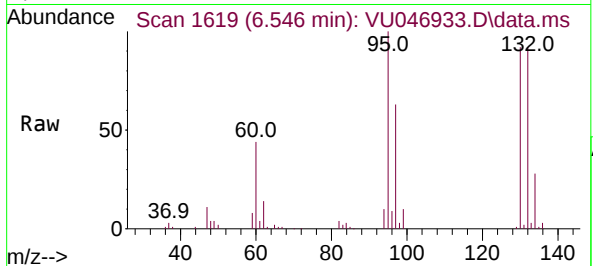




#34
Trichloroethene
Concen: 7.641 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VU046933.D
Acq: 31 Jan 2022 21:57

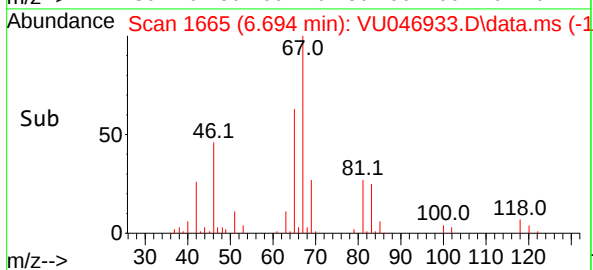
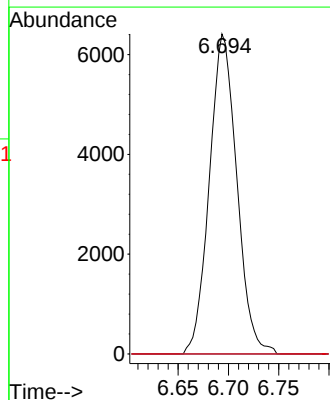
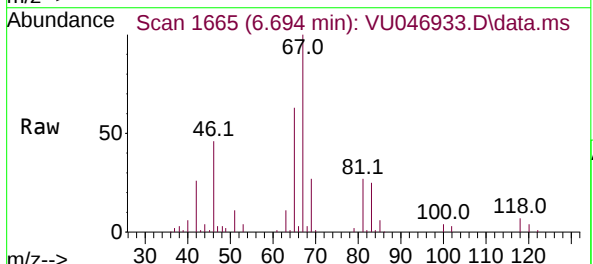
Instrument :
MSVOA_U
ClientSampleId :

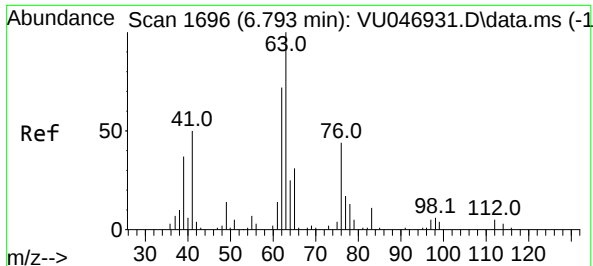
Tgt Ion: 95 Resp: 53308
Ion Ratio Lower Upper
95 100
97 63.4 46.5 86.5
132 92.1 65.1 120.9
130 91.7 67.3 124.9



#35
Methylcyclohexane
Concen: 1.043 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046933.D
Acq: 31 Jan 2022 21:57

Tgt Ion: 83 Resp: 12191
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.6 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.801 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU046933.D

Acq: 31 Jan 2022 21:57

Instrument :

MSVOA_U

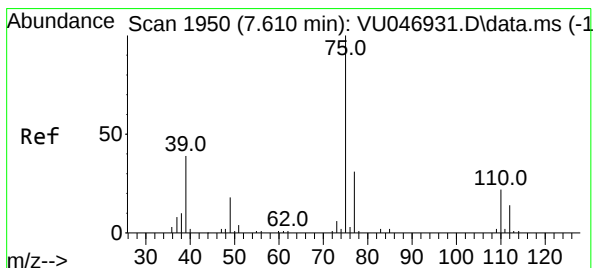
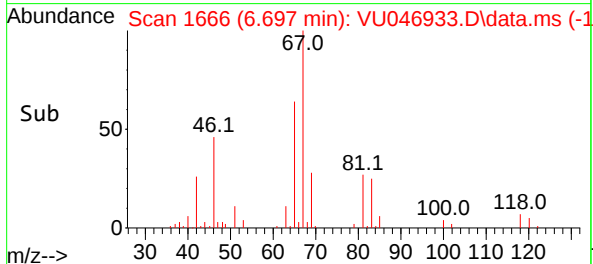
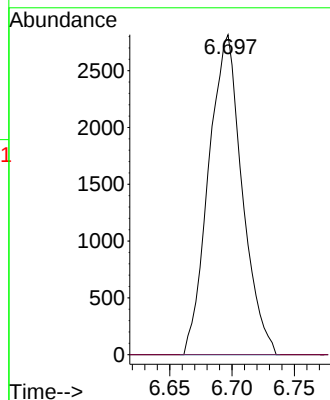
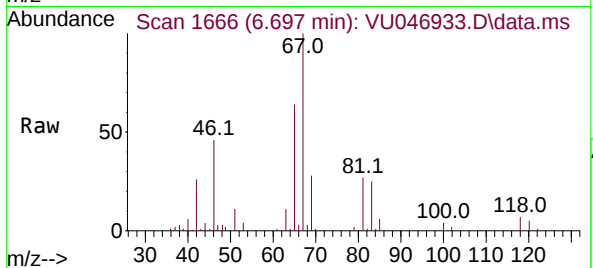
ClientSampleId :

Tgt Ion: 63 Resp: 5279

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046933.D

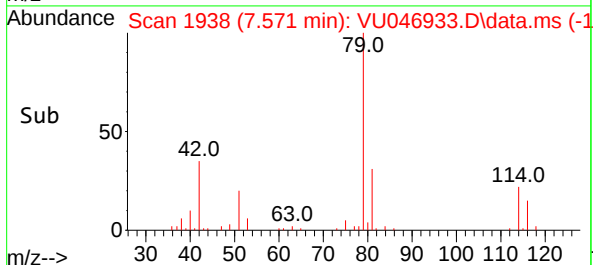
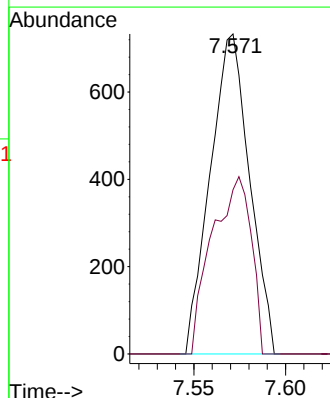
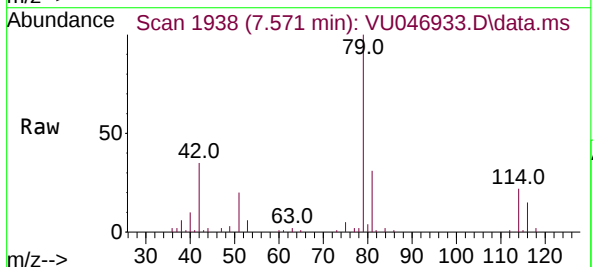
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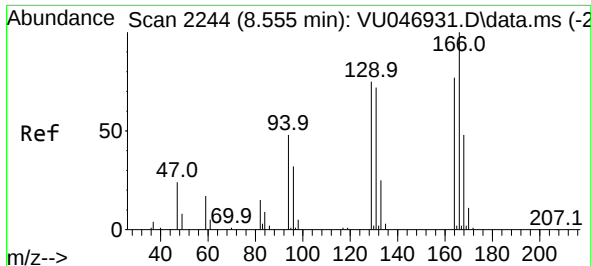
Tgt Ion: 75 Resp: 1092

Ion Ratio Lower Upper

75 100

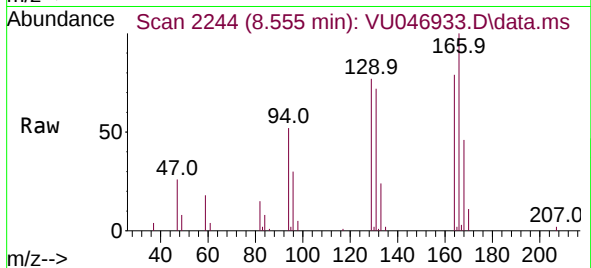
77 51.3 22.5 41.9#



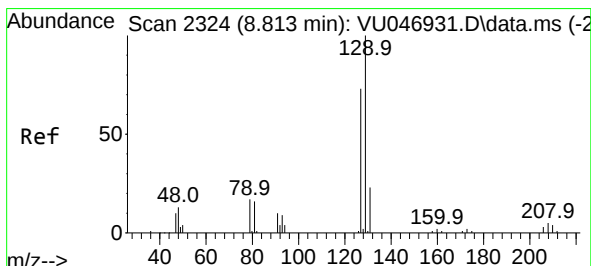
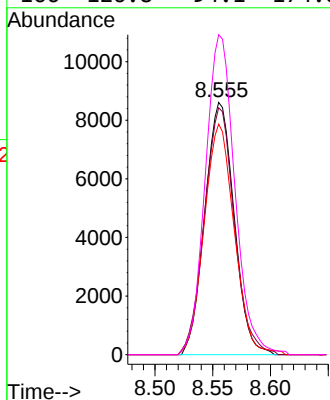
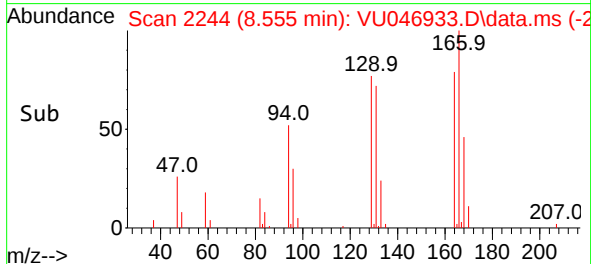


#47
Tetrachloroethene
Concen: 2.678 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046933.D
Acq: 31 Jan 2022 21:57

Instrument :
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ClientSampleId :

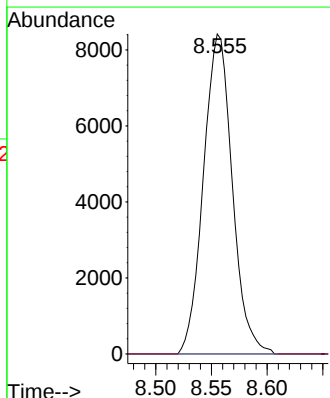
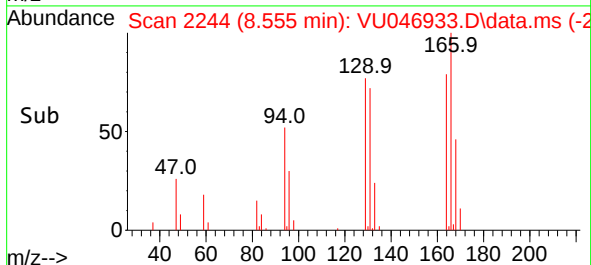
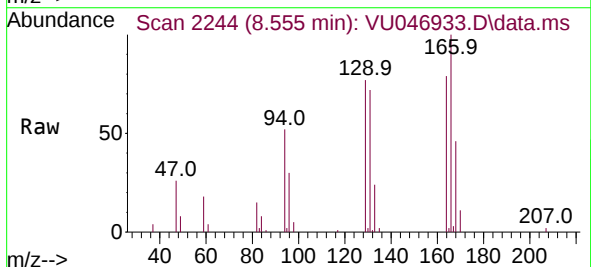


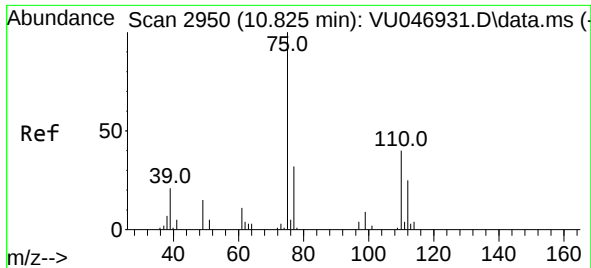
Tgt Ion:164 Resp: 15192
Ion Ratio Lower Upper
164 100
129 97.8 71.8 133.4
131 91.4 68.5 127.3
166 126.8 94.1 174.8



#49
Dibromochloromethane
Concen: 2.296 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046933.D
Acq: 31 Jan 2022 21:57

Tgt Ion:129 Resp: 15185
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61

1,2,3-Trichloropropane

Concen: 1.493 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.984 min

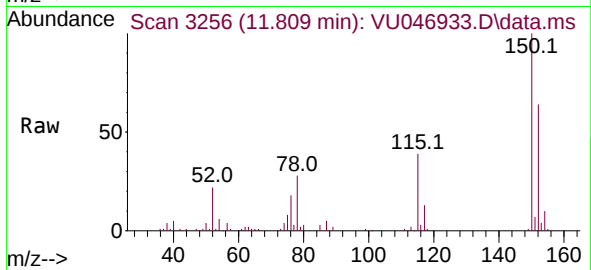
Lab File: VU046933.D

Acq: 31 Jan 2022 21:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 5881

Ion Ratio Lower Upper

75 100

110 0.3 29.9 44.9#

77 32.5 25.5 38.3

