

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046973.D
 Acq On : 01 Feb 2022 19:04
 Operator : SY/MD
 Sample : N1273-20DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL8DL

Quant Time: Feb 02 02:06:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

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

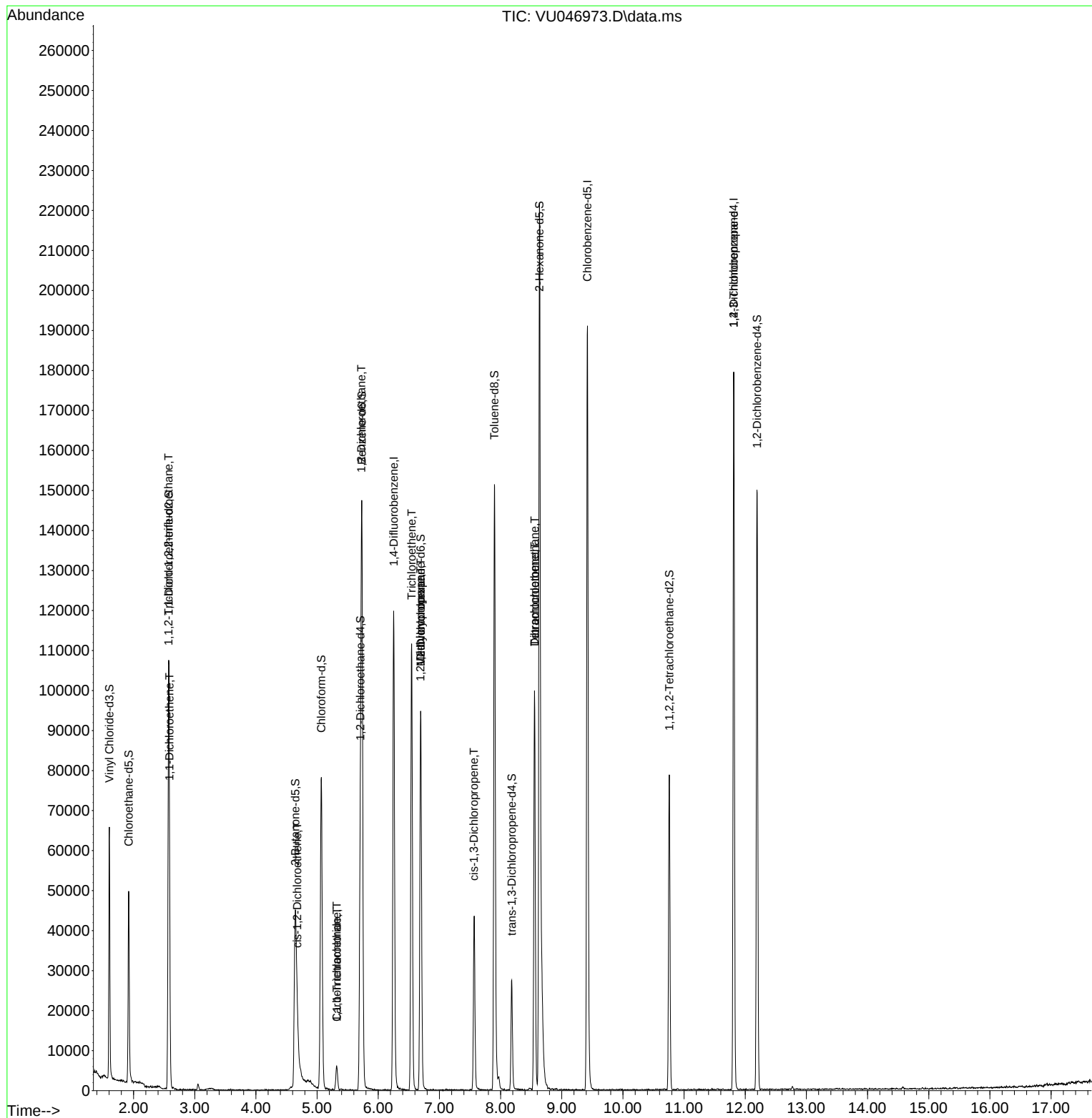
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	99165	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	113793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46985	5.592	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.800%
7) Chloroethane-d5	1.919	69	37026	5.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.575	65	18099	5.415	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.200%
20) 2-Butanone-d5	4.645	46	100611	40.417	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.840%
24) Chloroform-d	5.070	84	74081	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.707	65	40566	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.732	84	141379	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.694	67	46501	4.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.899	98	108892	3.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.182	79	17110	3.880	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.636	63	89829	34.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41146	4.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	39369	4.422	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	499	0.086	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	8683	1.568	ug/L #	10
22) cis-1,2-Dichloroethene	4.674	96	2018	0.319	ug/L	85
27) 1,2-Dichloroethane	5.726	62	717	0.102	ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	4578	0.447	ug/L	99
31) Carbon tetrachloride	5.321	117	547	0.062	ug/L	98
34) Trichloroethene	6.546	95	39799	5.722	ug/L	98
35) Methylcyclohexane	6.694	83	10945	0.939	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4788	0.728	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1023	0.100	ug/L #	49
47) Tetrachloroethene	8.555	164	22478	3.973	ug/L	93
49) Dibromochloromethane	8.555	129	21973	3.331	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5609	1.394	ug/L #	67

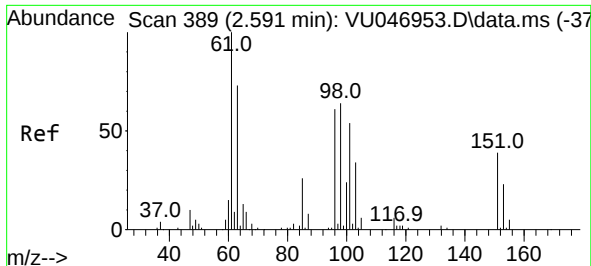
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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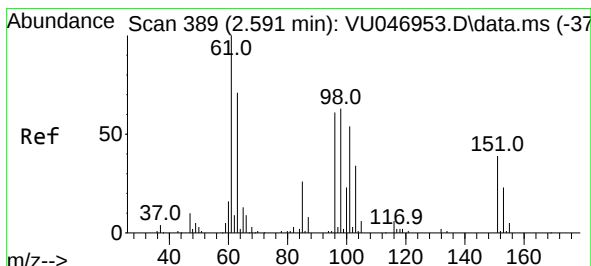
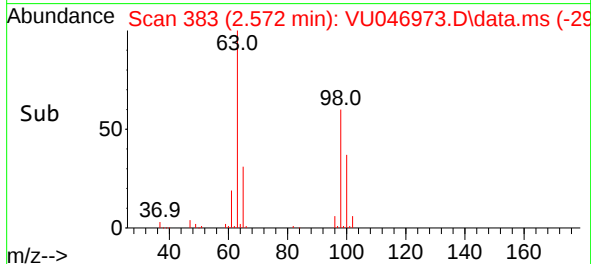
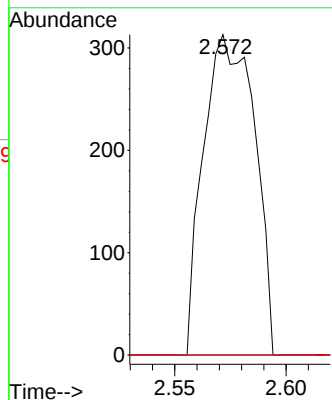
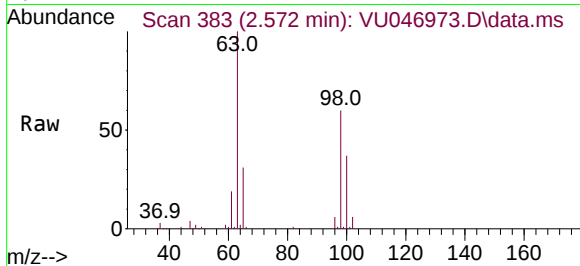




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.086 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.019 min
 Lab File: VU046973.D
 Acq: 01 Feb 2022 19:04

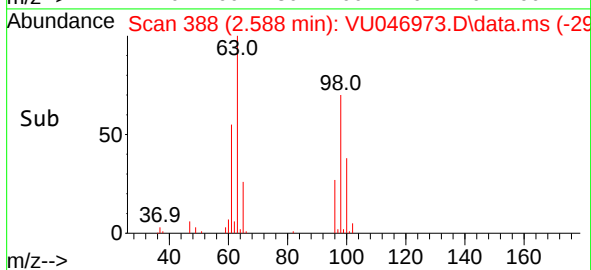
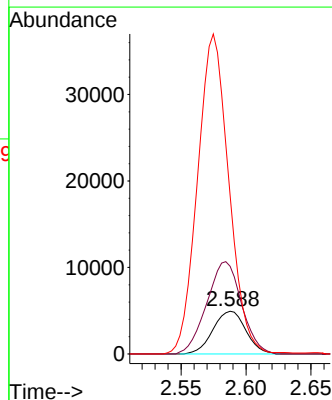
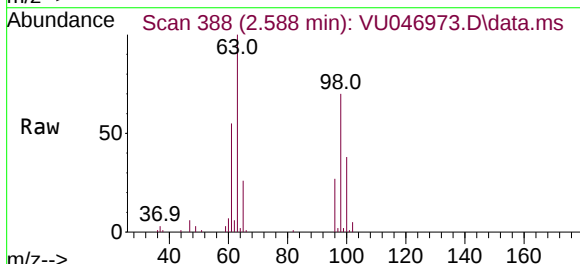
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL8DL

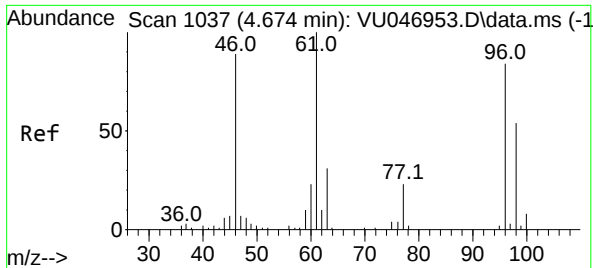
Tgt Ion:101 Resp: 499
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 1.568 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU046973.D
 Acq: 01 Feb 2022 19:04

Tgt Ion: 96 Resp: 8683
 Ion Ratio Lower Upper
 96 100
 61 205.0 124.7 231.5
 63 370.9 105.2 195.4#

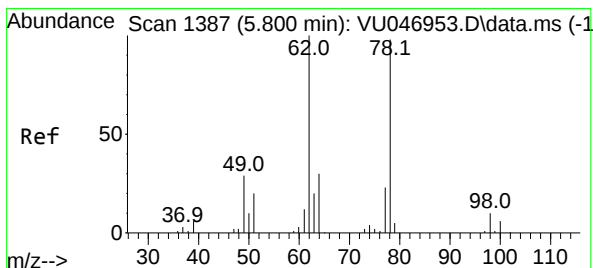
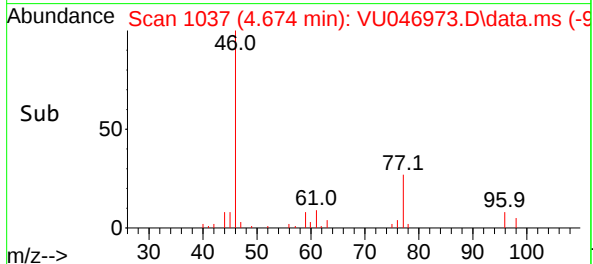
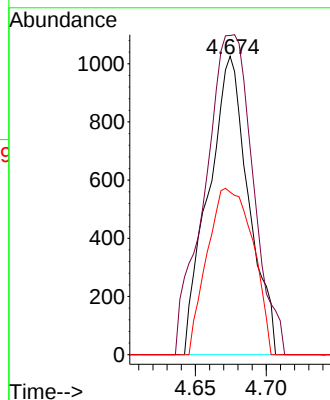
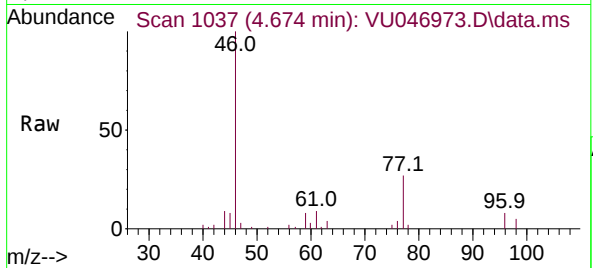




#22
 cis-1,2-Dichloroethene
 Concen: 0.319 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU046973.D
 Acq: 01 Feb 2022 19:04

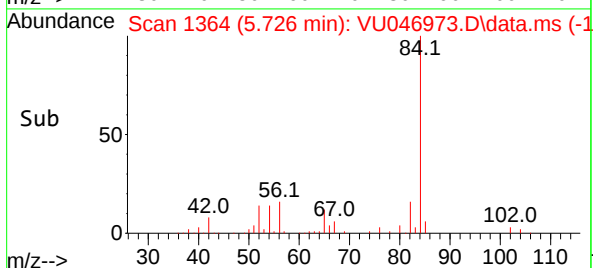
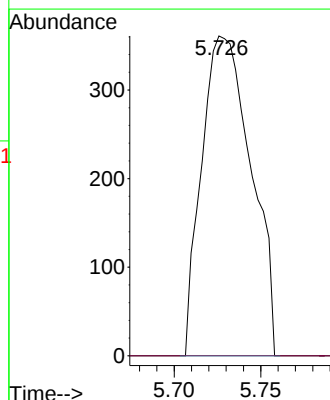
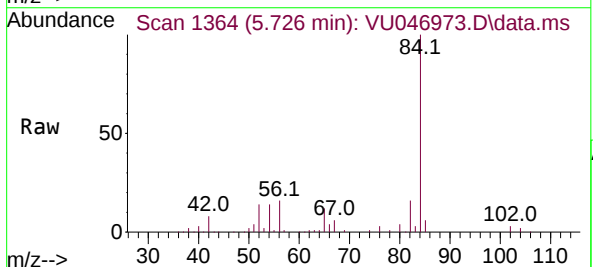
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL8DL

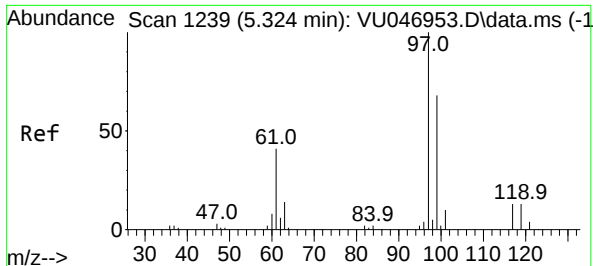
Tgt Ion: 96	Resp:	2018	
Ion	Ratio	Lower	Upper
96	100		
61	106.9	88.5	164.3
98	54.5	44.4	82.5



#27
 1,2-Dichloroethane
 Concen: 0.102 ug/L
 RT: 5.726 min Scan# 1364
 Delta R.T. -0.074 min
 Lab File: VU046973.D
 Acq: 01 Feb 2022 19:04

Tgt Ion: 62	Resp:	717	
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#





#29

1,1,1-Trichloroethane

Concen: 0.447 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU046973.D

Acq: 01 Feb 2022 19:04

Instrument :

MSVOA_U

ClientSampleId :

C0HL8DL

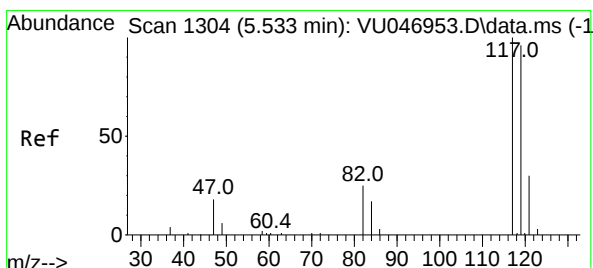
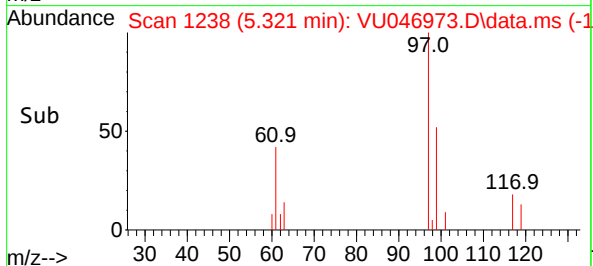
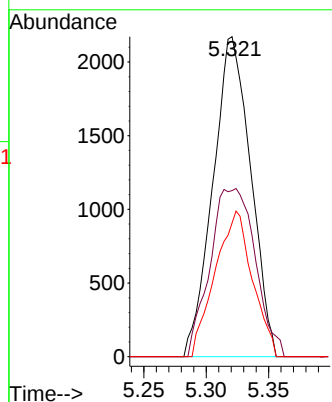
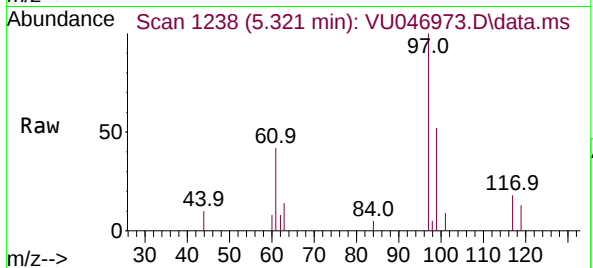
Tgt Ion: 97 Resp: 4578

Ion Ratio Lower Upper

97 100

99 62.9 51.3 76.9

61 44.9 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.062 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.212 min

Lab File: VU046973.D

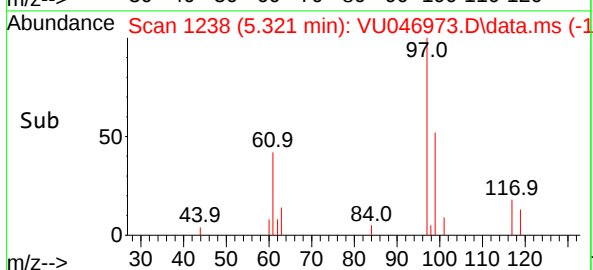
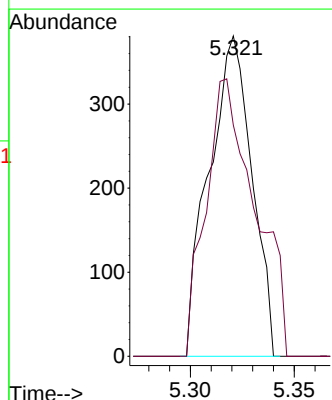
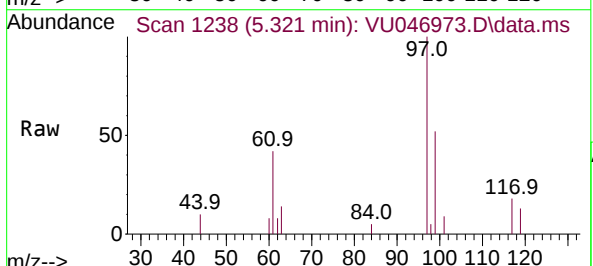
Acq: 01 Feb 2022 19:04

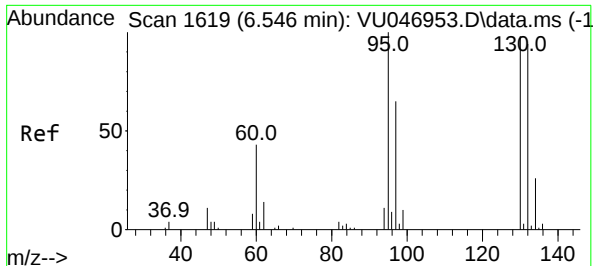
Tgt Ion: 117 Resp: 547

Ion Ratio Lower Upper

117 100

119 99.3 77.5 116.3

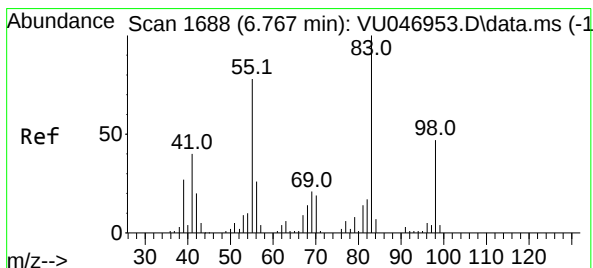
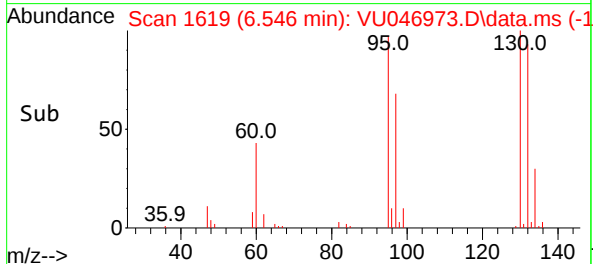
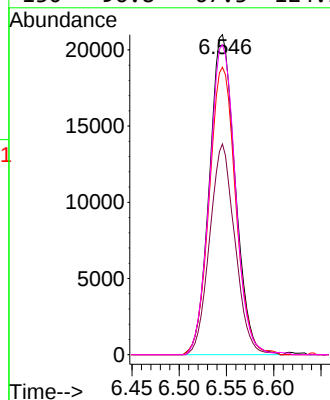
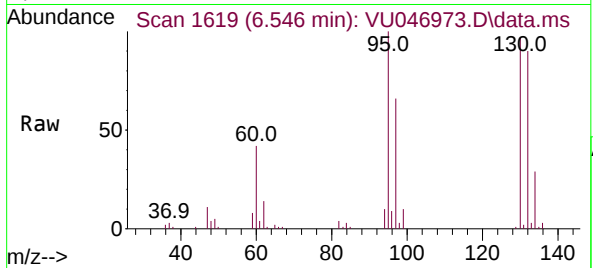




#34
Trichloroethene
Concen: 5.722 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046973.D
Acq: 01 Feb 2022 19:04

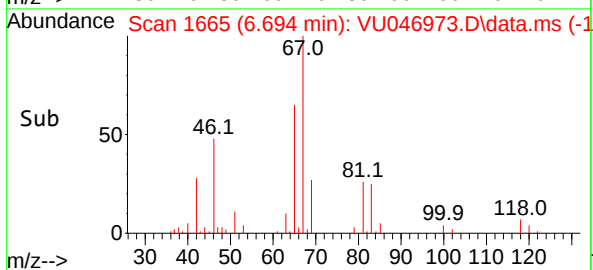
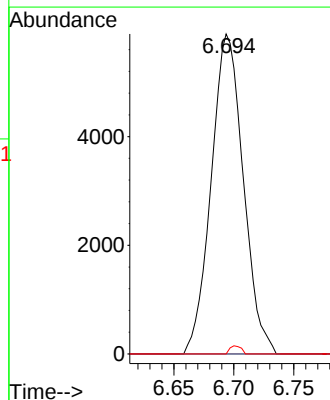
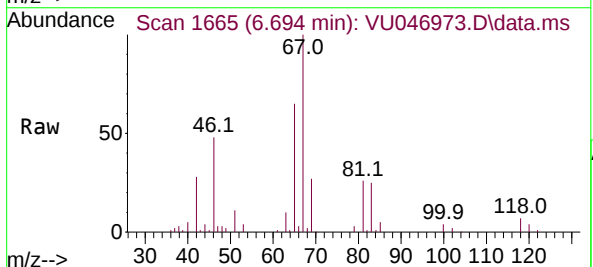
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MSVOA_U
ClientSampleId :
COHL8DL

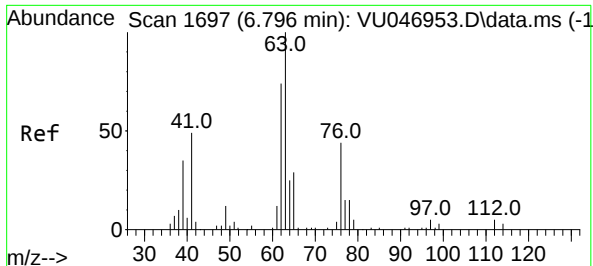
Tgt Ion: 95 Resp: 39799
Ion Ratio Lower Upper
95 100
97 65.8 46.5 86.5
132 89.9 65.1 120.9
130 96.8 67.3 124.9



#35
Methylcyclohexane
Concen: 0.939 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046973.D
Acq: 01 Feb 2022 19:04

Tgt Ion: 83 Resp: 10945
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.9 39.0 58.6#

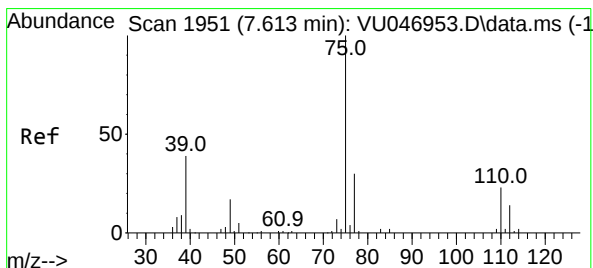
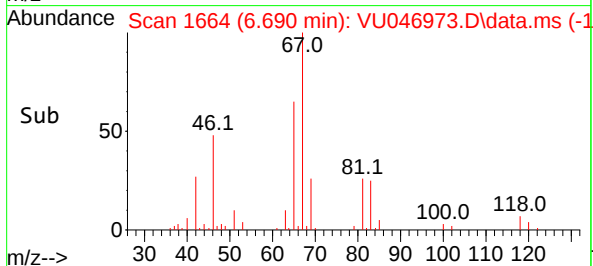
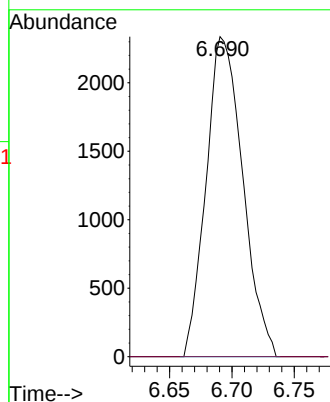
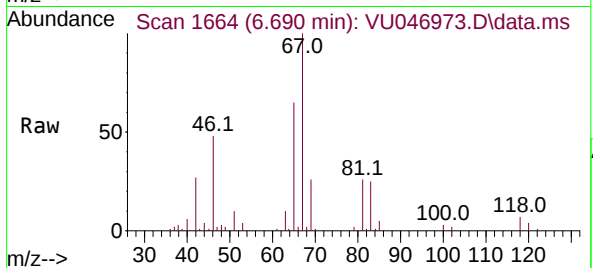




#37
1,2-Dichloropropane
Concen: 0.728 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU046973.D
Acq: 01 Feb 2022 19:04

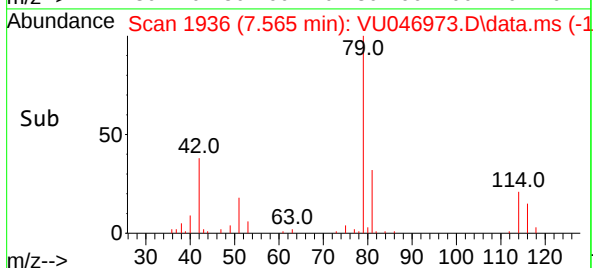
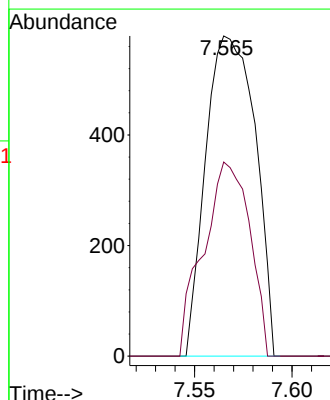
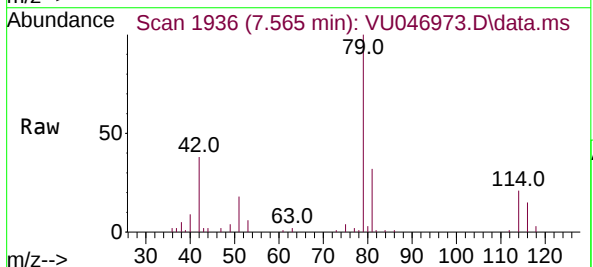
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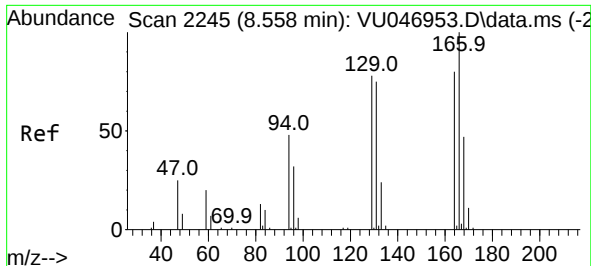
Tgt Ion: 63 Resp: 4788
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.048 min
Lab File: VU046973.D
Acq: 01 Feb 2022 19:04

Tgt Ion: 75 Resp: 1023
Ion Ratio Lower Upper
75 100
77 60.6 22.5 41.9#





#47

Tetrachloroethene

Concen: 3.973 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046973.D

Acq: 01 Feb 2022 19:04

Instrument :

MSVOA_U

ClientSampleId :

C0HL8DL

Tgt Ion:164 Resp: 22478

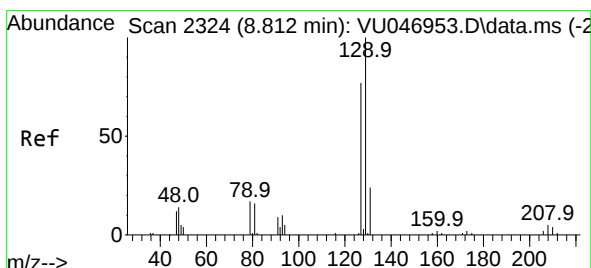
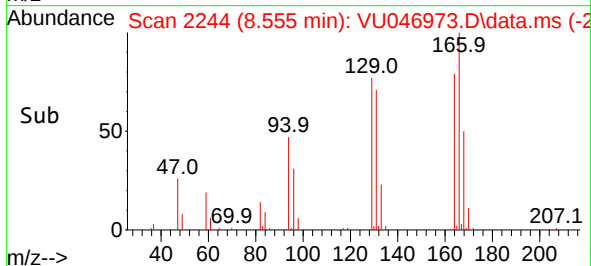
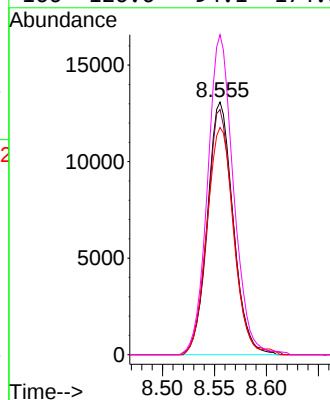
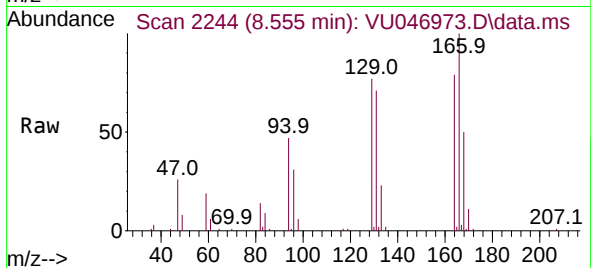
Ion Ratio Lower Upper

164 100

129 97.0 71.8 133.4

131 89.9 68.5 127.3

166 126.6 94.1 174.8



#49

Dibromochloromethane

Concen: 3.331 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046973.D

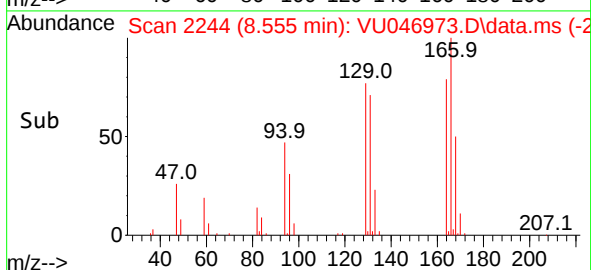
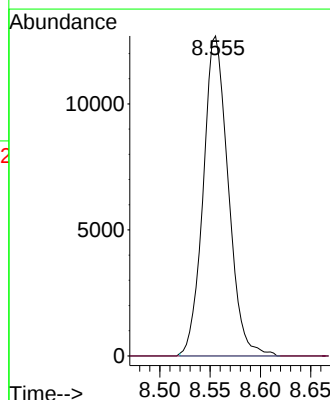
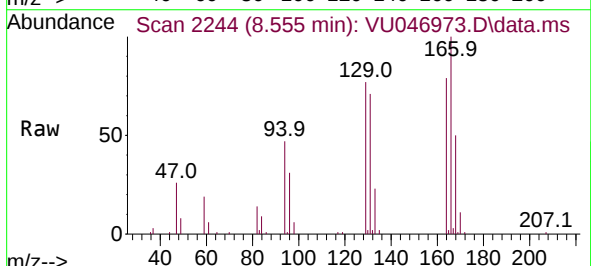
Acq: 01 Feb 2022 19:04

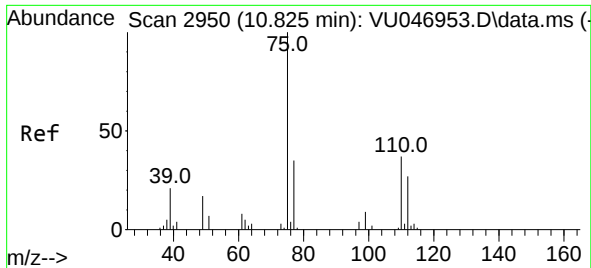
Tgt Ion:129 Resp: 21973

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.394 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046973.D
 Acq: 01 Feb 2022 19:04

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL8DL

Tgt Ion: 75 Resp: 5609
 Ion Ratio Lower Upper
 75 100
 110 1.2 29.9 44.9#
 77 32.6 25.5 38.3

