

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046966.D
 Acq On : 01 Feb 2022 16:00
 Operator : SY/MD
 Sample : N1328-06 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHM5

Quant Time: Feb 02 02:05:24 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)

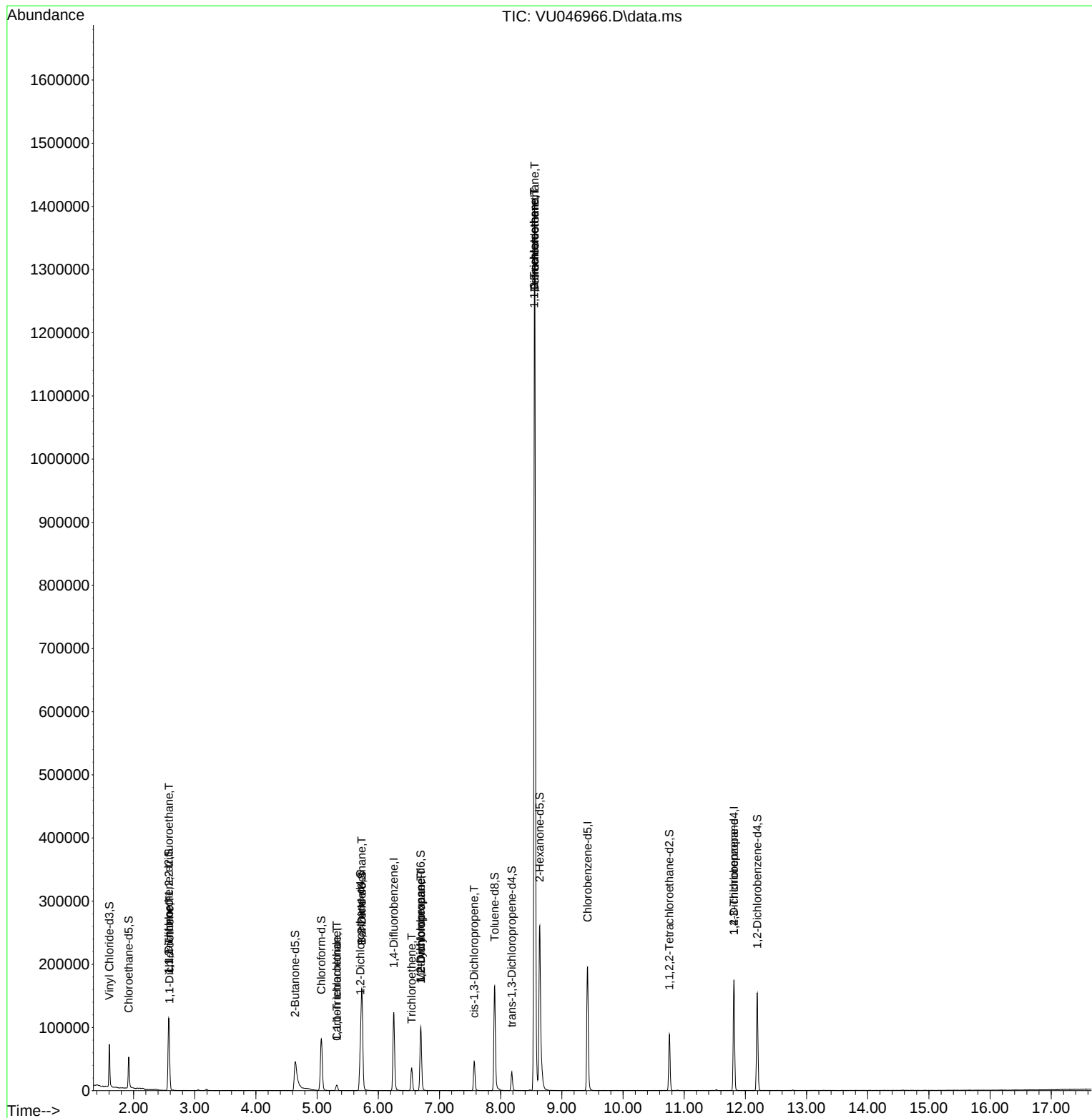
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	102976	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	117368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47419	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	50133	5.745	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.000%
7) Chloroethane-d5	1.919	69	40846	5.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.800%
11) 1,1-Dichloroethene-d2	2.575	65	19721	5.682	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.600%
20) 2-Butanone-d5	4.642	46	105008	40.622	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.240%
24) Chloroform-d	5.070	84	78244	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.706	65	44278	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.732	84	155443	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.693	67	49838	4.812	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.902	98	118701	3.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.182	79	17788	3.911	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.636	63	108802	40.399	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44665	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	41472	4.664	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	561	0.093	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	7734	1.345	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	841	0.115	ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	6792	0.643	ug/L	98
31) Carbon tetrachloride	5.321	117	760	0.084	ug/L	97
34) Trichloroethene	6.546	95	12516	1.745	ug/L	98
35) Methylcyclohexane	6.693	83	11445	0.952	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	5045	0.744	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1068	0.101	ug/L #	22
45) 1,1,2-Trichloroethane	8.549	97	2601	0.451	ug/L #	1
47) Tetrachloroethene	8.555	164	316148	54.181	ug/L	96
49) Dibromochloromethane	8.555	129	312271	45.902	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5982	1.489	ug/L #	65

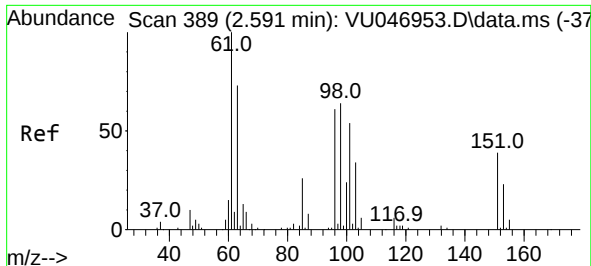
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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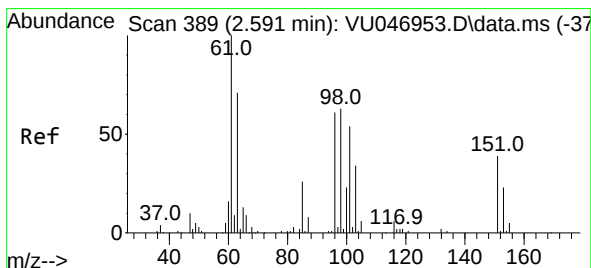
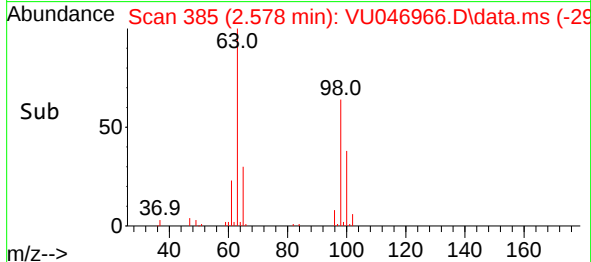
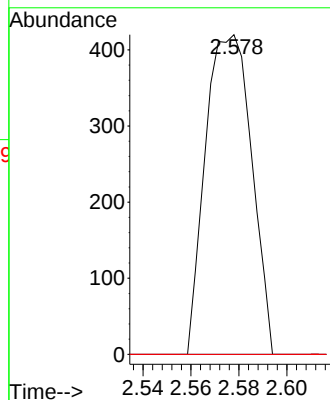
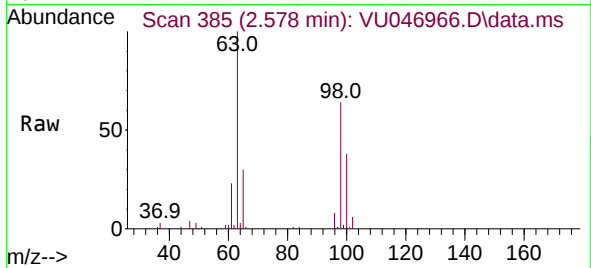




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.093 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU046966.D
Acq: 01 Feb 2022 16:00

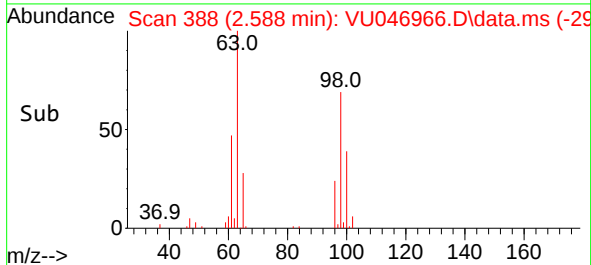
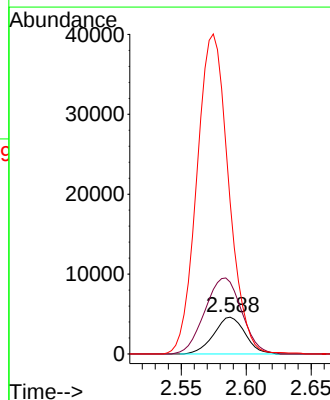
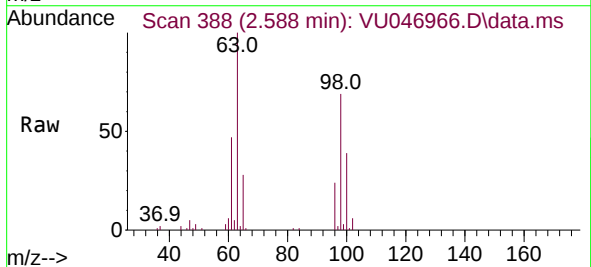
Instrument :
MSVOA_U
ClientSampleId :
COHM5

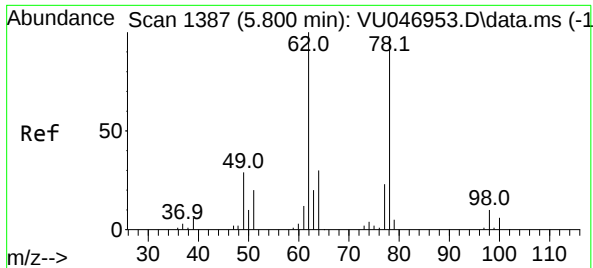
Tgt Ion:101 Resp: 561
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 1.345 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU046966.D
Acq: 01 Feb 2022 16:00

Tgt Ion: 96 Resp: 7734
Ion Ratio Lower Upper
96 100
61 195.0 124.7 231.5
63 412.8 105.2 195.4#





#27

1,2-Dichloroethane

Concen: 0.115 ug/L

RT: 5.729 min Scan# 11

Delta R.T. -0.071 min

Lab File: VU046966.D

Acq: 01 Feb 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

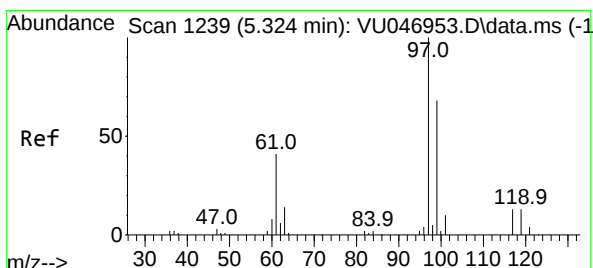
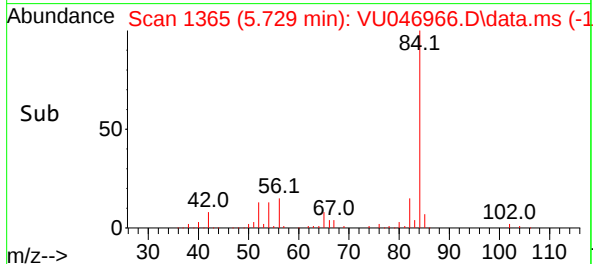
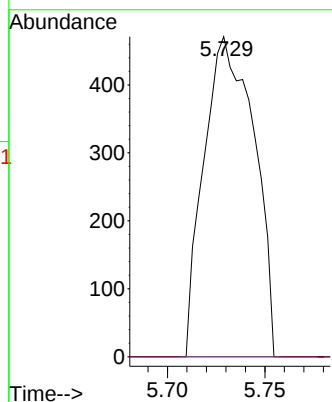
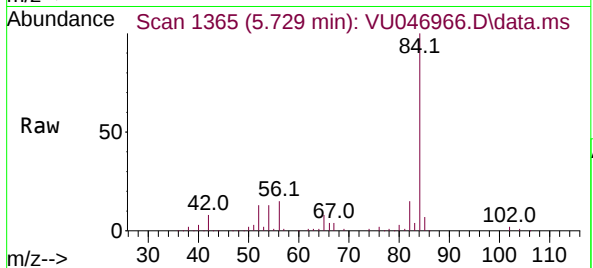
COHM5

Tgt Ion: 62 Resp: 841

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#29

1,1,1-Trichloroethane

Concen: 0.643 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU046966.D

Acq: 01 Feb 2022 16:00

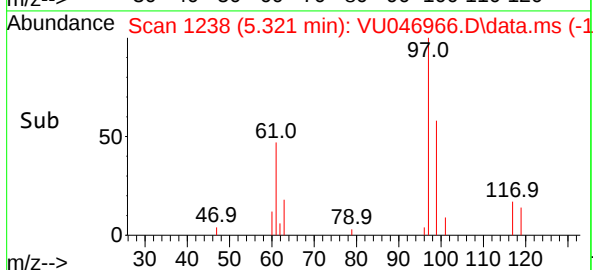
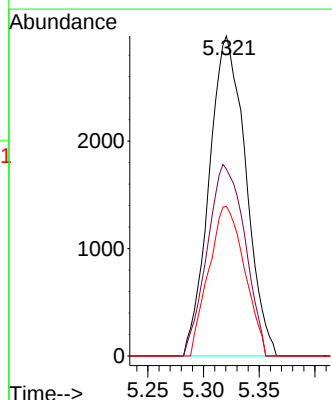
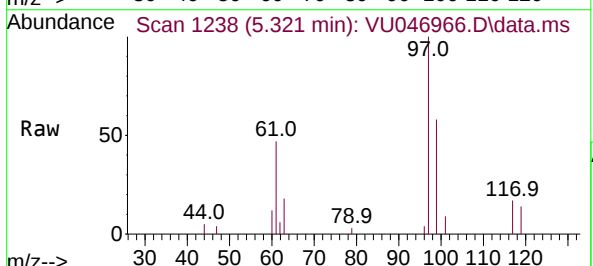
Tgt Ion: 97 Resp: 6792

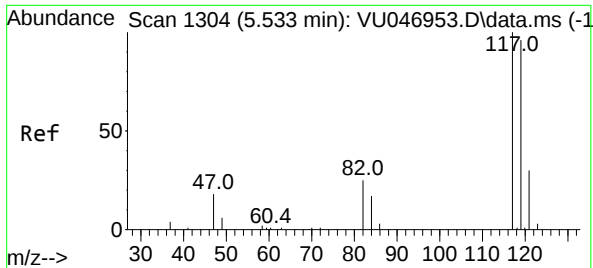
Ion Ratio Lower Upper

97 100

99 61.5 51.3 76.9

61 45.9 36.1 54.1

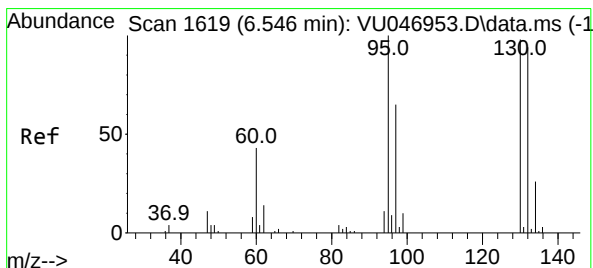
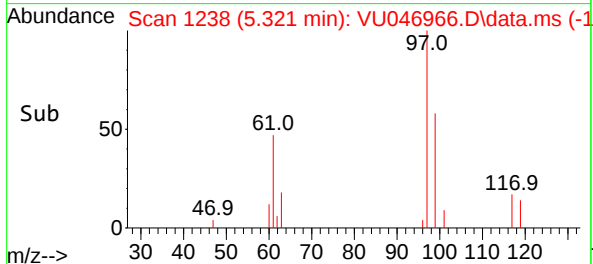
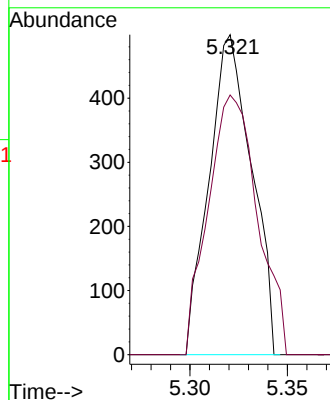
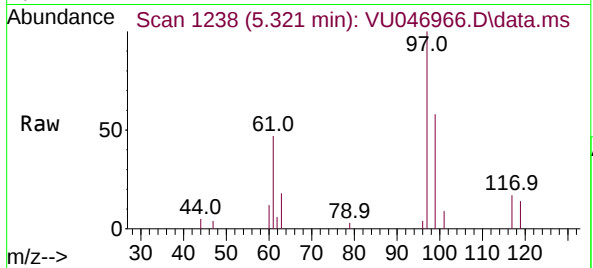




#31
Carbon tetrachloride
Concen: 0.084 ug/L
RT: 5.321 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU046966.D
Acq: 01 Feb 2022 16:00

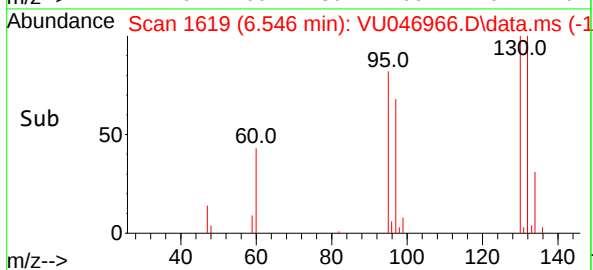
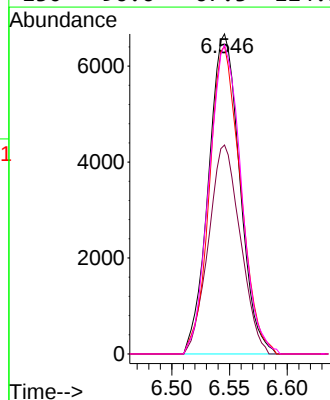
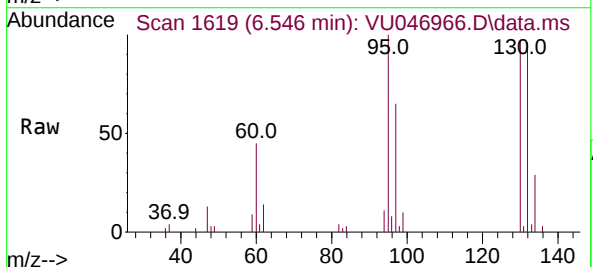
Instrument :
MSVOA_U
ClientSampleId :
COHM5

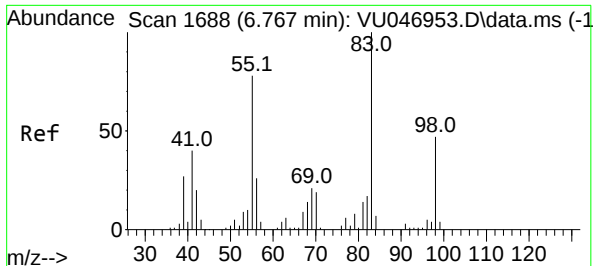
Tgt Ion:117 Resp: 760
Ion Ratio Lower Upper
117 100
119 93.9 77.5 116.3



#34
Trichloroethene
Concen: 1.745 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046966.D
Acq: 01 Feb 2022 16:00

Tgt Ion: 95 Resp: 12516
Ion Ratio Lower Upper
95 100
97 65.3 46.5 86.5
132 96.3 65.1 120.9
130 96.6 67.3 124.9





#35

Methylcyclohexane

Concen: 0.952 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046966.D

Acq: 01 Feb 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

COHM5

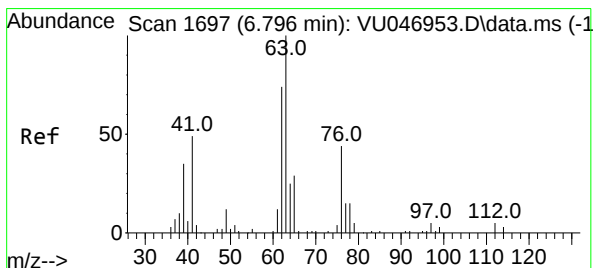
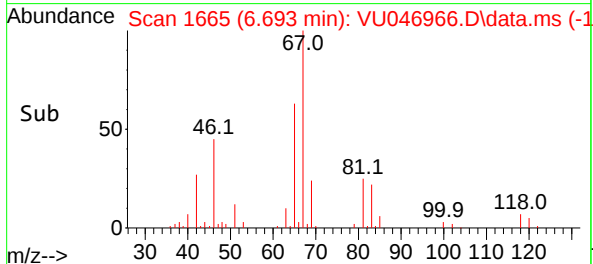
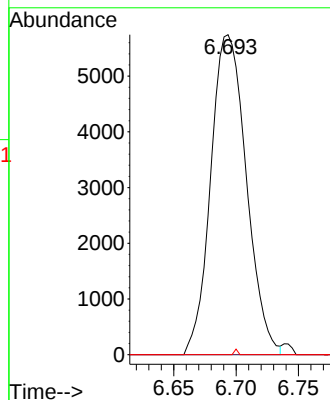
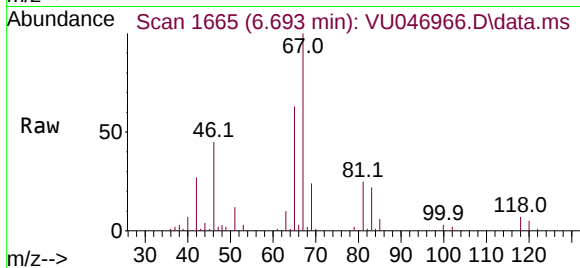
Tgt Ion: 83 Resp: 11445

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.2 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.744 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.100 min

Lab File: VU046966.D

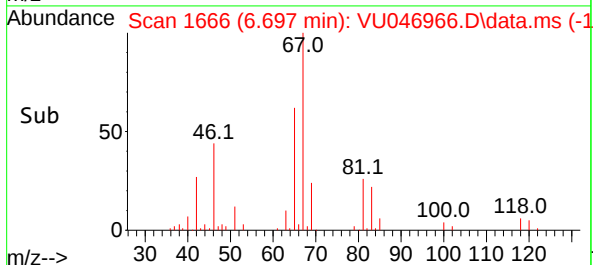
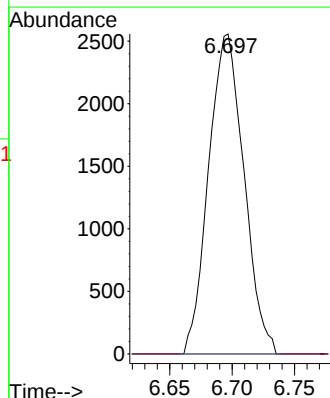
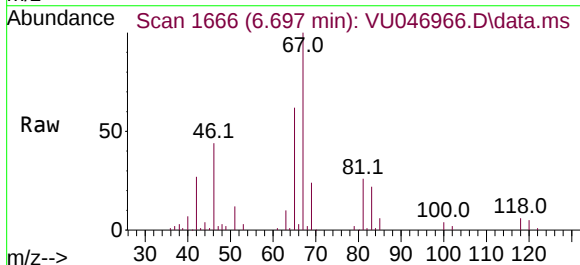
Acq: 01 Feb 2022 16:00

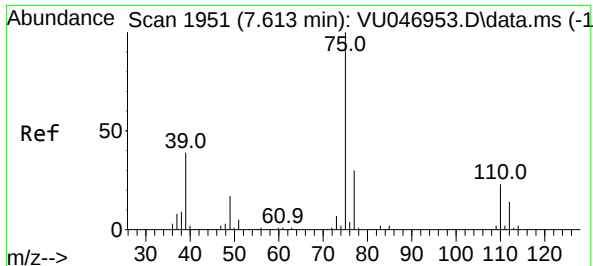
Tgt Ion: 63 Resp: 5045

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.565 min Scan# 1951

Delta R.T. -0.048 min

Lab File: VU046966.D

Acq: 01 Feb 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

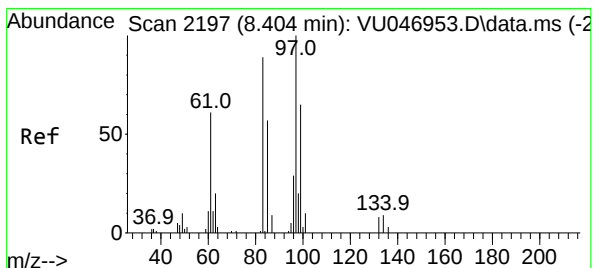
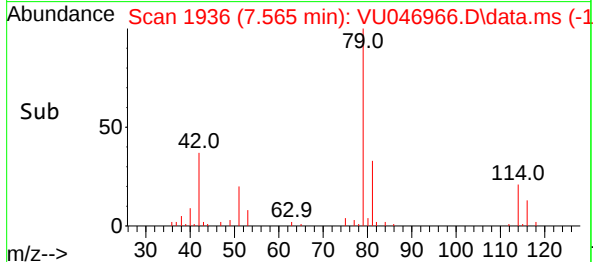
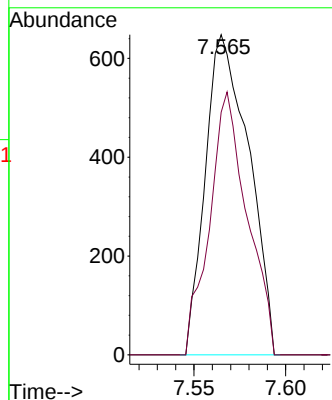
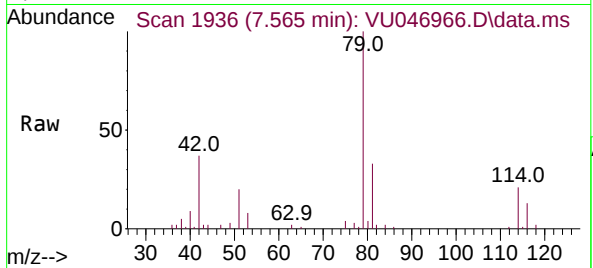
COHM5

Tgt Ion: 75 Resp: 1068

Ion Ratio Lower Upper

75 100

77 75.8 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.451 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.145 min

Lab File: VU046966.D

Acq: 01 Feb 2022 16:00

Tgt Ion: 97 Resp: 2601

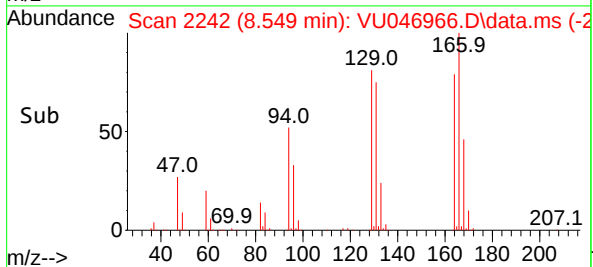
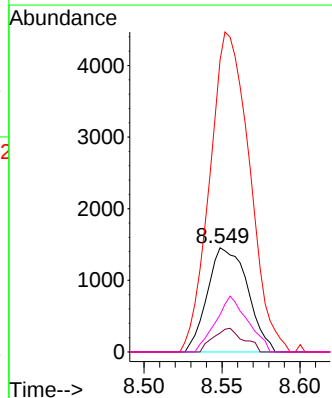
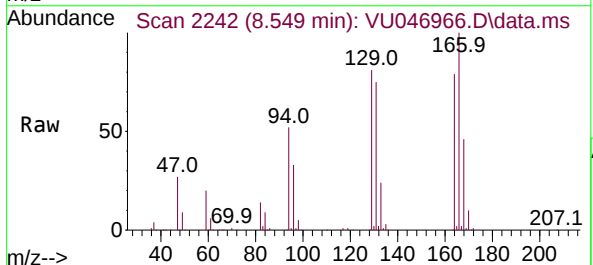
Ion Ratio Lower Upper

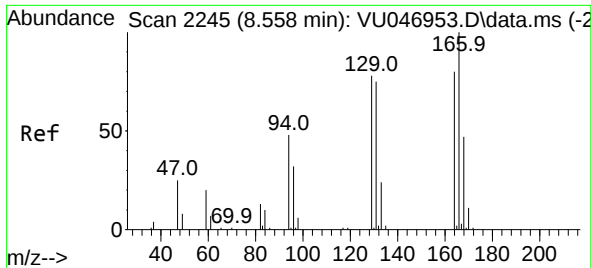
97 100

99 18.1 42.3 78.5#

83 280.3 62.0 115.2#

85 35.7 40.1 74.5#

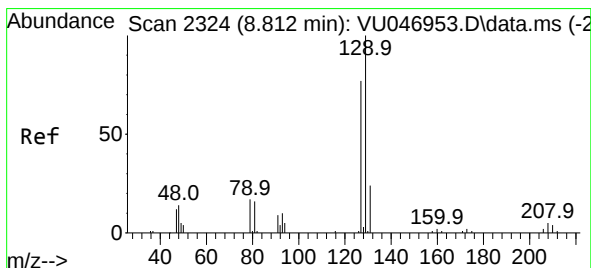
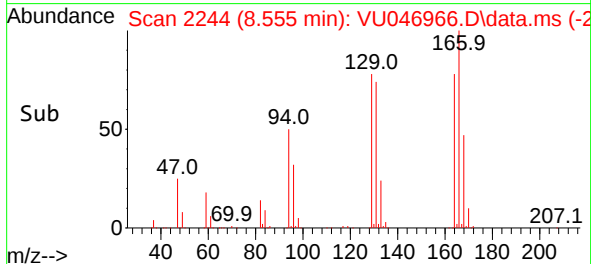
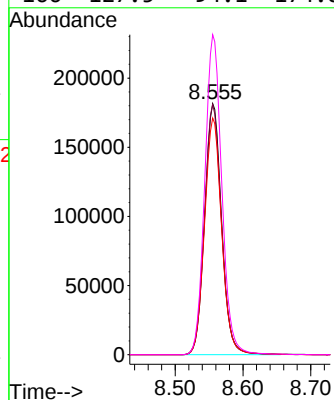
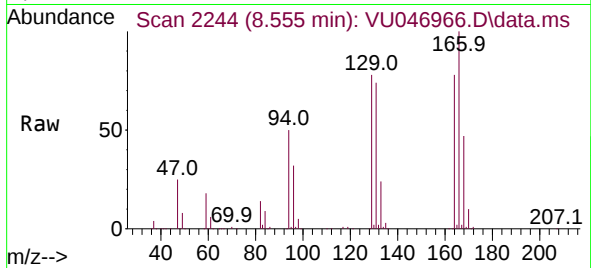




#47
Tetrachloroethene
Concen: 54.181 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046966.D
Acq: 01 Feb 2022 16:00

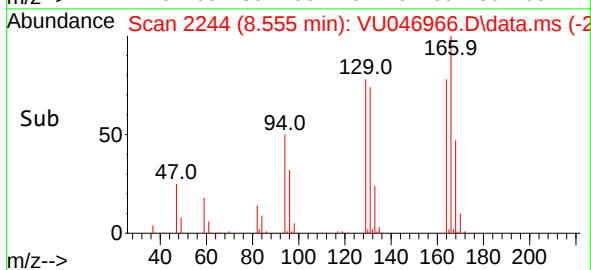
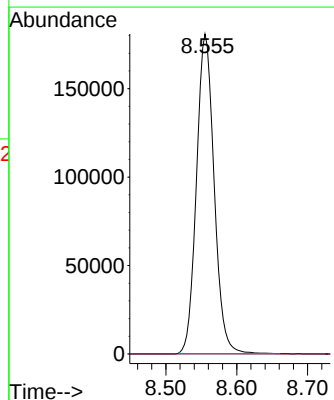
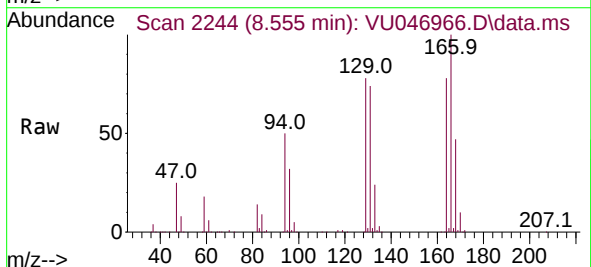
Instrument :
MSVOA_U
ClientSampleId :
C0HM5

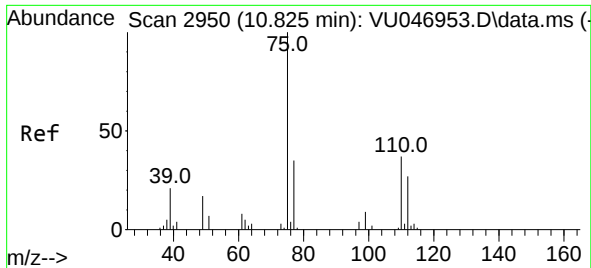
Tgt Ion:164 Resp: 316148
Ion Ratio Lower Upper
164 100
129 99.6 71.8 133.4
131 94.3 68.5 127.3
166 127.5 94.1 174.8



#49
Dibromochloromethane
Concen: 45.902 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046966.D
Acq: 01 Feb 2022 16:00

Tgt Ion:129 Resp: 312271
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.489 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046966.D
 Acq: 01 Feb 2022 16:00

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HM5

Tgt Ion: 75 Resp: 5982
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 33.4 25.5 38.3

