

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046967.D
 Acq On : 01 Feb 2022 16:39
 Operator : SY/MD
 Sample : N1328-07 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHM6

Quant Time: Feb 02 02:05:37 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)

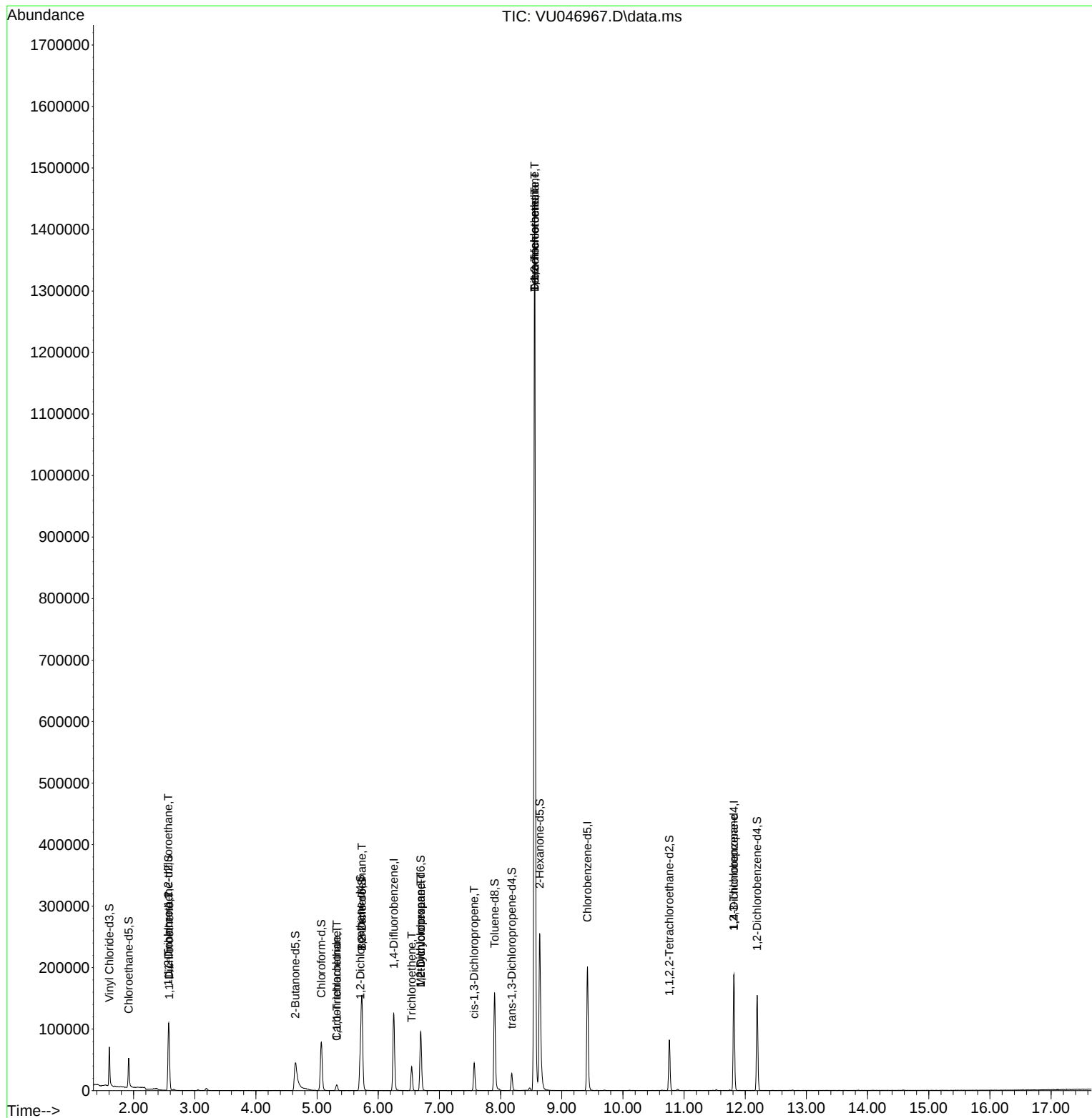
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	105764	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	49543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48941	5.461	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.200%
7) Chloroethane-d5	1.919	69	37996	5.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.571	65	19454	5.457	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.200%
20) 2-Butanone-d5	4.645	46	100982	38.035	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.060%
24) Chloroform-d	5.070	84	75345	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.706	65	42006	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.732	84	149074	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.694	67	47405	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.902	98	112448	3.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.182	79	16555	3.612	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.639	63	105991	39.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43279	4.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	40072	4.313	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	507	0.082	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	8171	1.384	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	772	0.103	ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	7290	0.684	ug/L	95
31) Carbon tetrachloride	5.317	117	927	0.101	ug/L	92
34) Trichloroethene	6.546	95	13511	1.869	ug/L	95
35) Methylcyclohexane	6.694	83	11043	0.912	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4909	0.719	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1055	0.099	ug/L #	66
45) 1,1,2-Trichloroethane	8.555	97	2870	0.494	ug/L #	1
47) Tetrachloroethene	8.555	164	322932	54.923	ug/L	96
49) Dibromochloromethane	8.555	129	319839	46.658	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6048	1.441	ug/L #	64

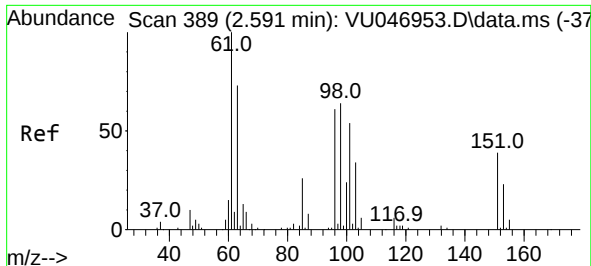
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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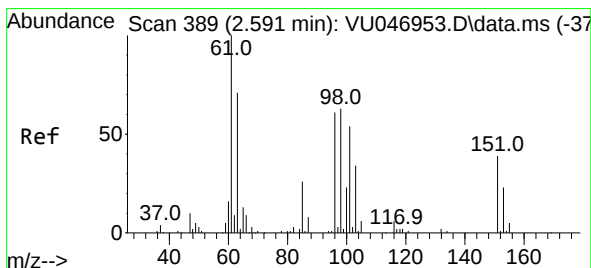
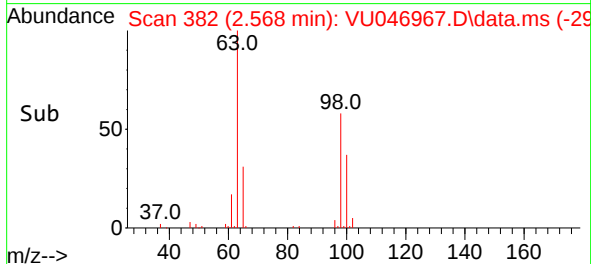
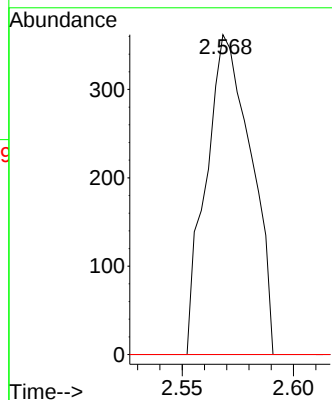
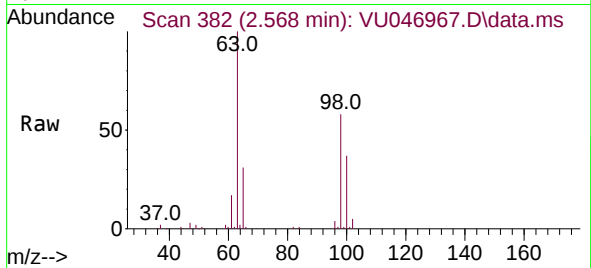




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.082 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.022 min
 Lab File: VU046967.D
 Acq: 01 Feb 2022 16:39

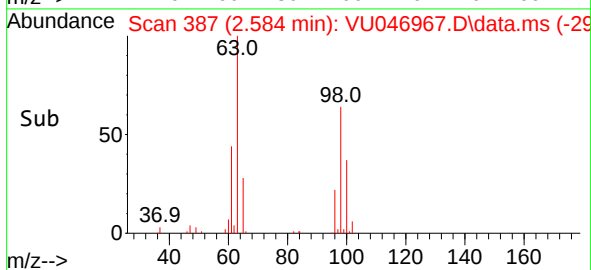
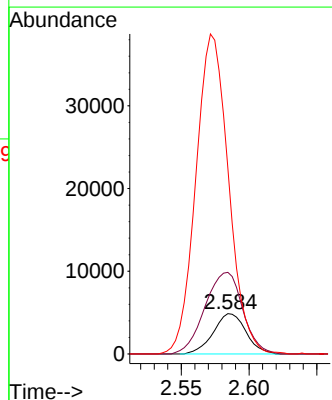
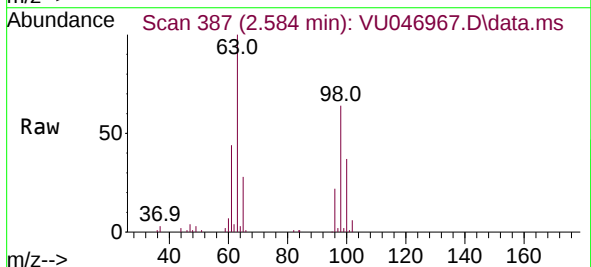
Instrument :
 MSVOA_U
 ClientSampleId :
 COHM6

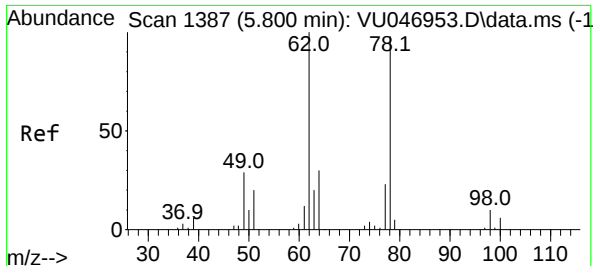
Tgt Ion:101 Resp: 507
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 1.384 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.006 min
 Lab File: VU046967.D
 Acq: 01 Feb 2022 16:39

Tgt Ion: 96 Resp: 8171
 Ion Ratio Lower Upper
 96 100
 61 202.9 124.7 231.5
 63 460.9 105.2 195.4#

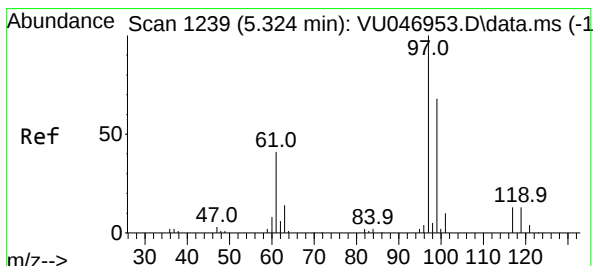
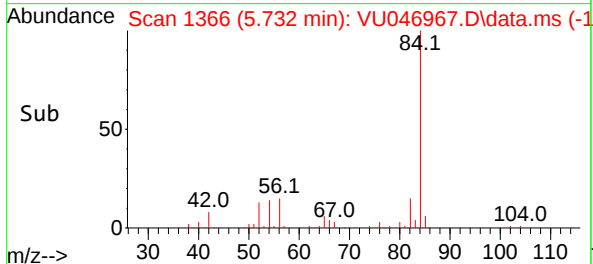
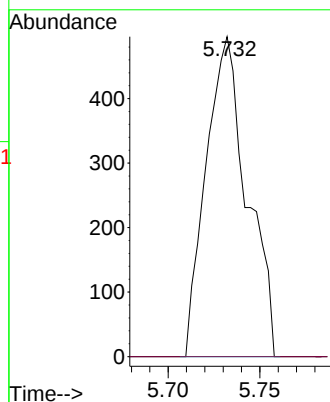
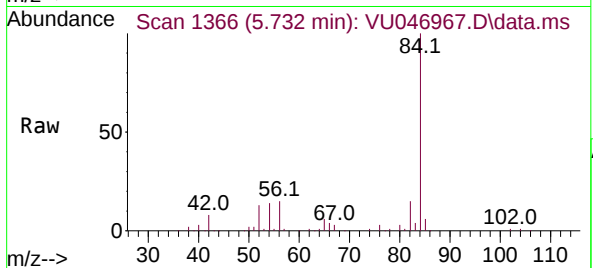




#27
1,2-Dichloroethane
Concen: 0.103 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU046967.D
Acq: 01 Feb 2022 16:39

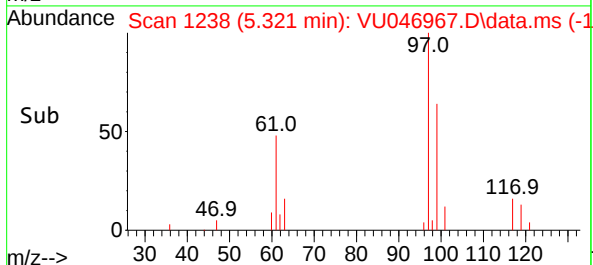
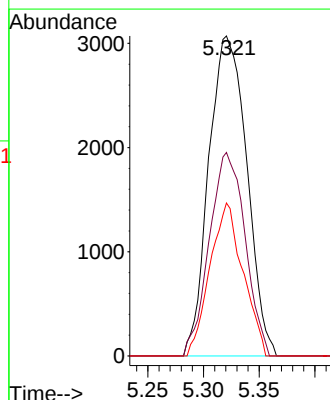
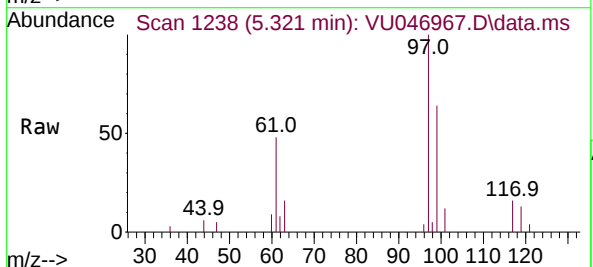
Instrument :
MSVOA_U
ClientSampleId :
COHM6

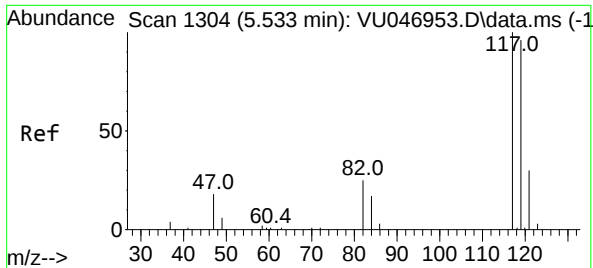
Tgt Ion: 62 Resp: 772
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#29
1,1,1-Trichloroethane
Concen: 0.684 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU046967.D
Acq: 01 Feb 2022 16:39

Tgt Ion: 97 Resp: 7290
Ion Ratio Lower Upper
97 100
99 59.8 51.3 76.9
61 41.5 36.1 54.1

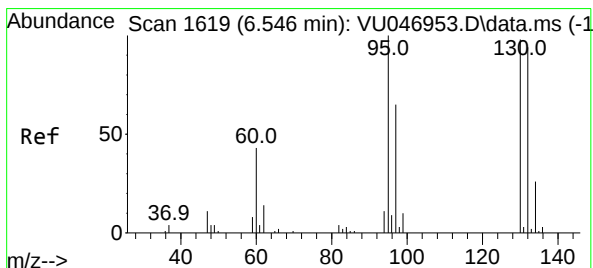
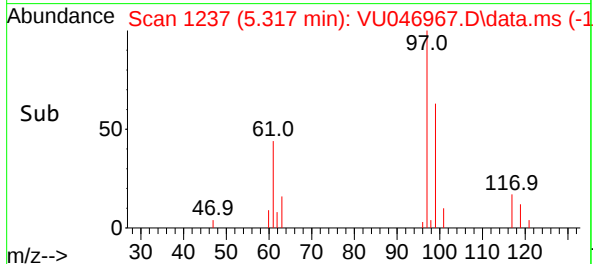
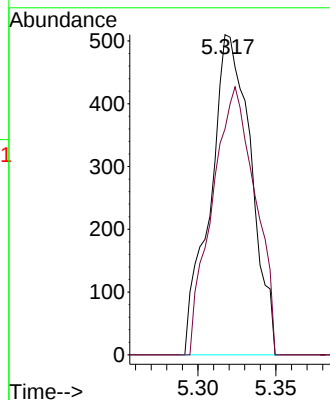
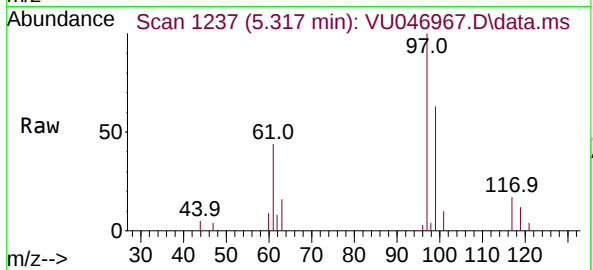




#31
Carbon tetrachloride
Concen: 0.101 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.215 min
Lab File: VU046967.D
Acq: 01 Feb 2022 16:39

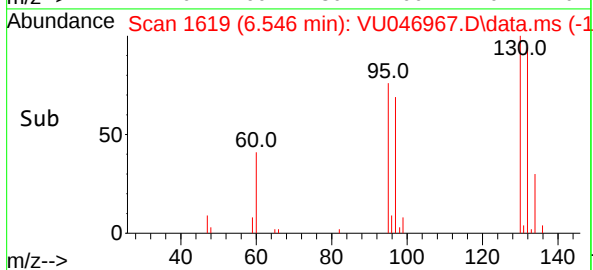
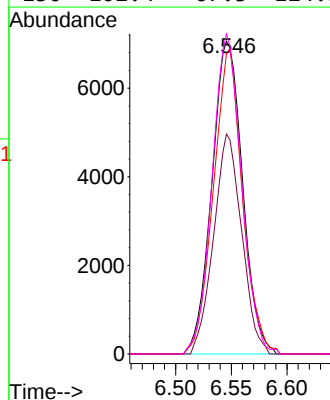
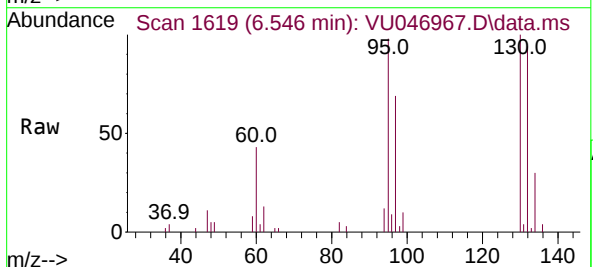
Instrument :
MSVOA_U
ClientSampleId :
COHM6

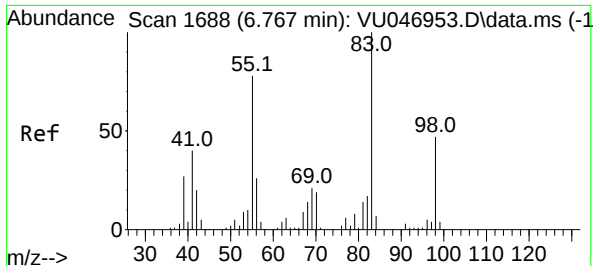
Tgt Ion:117 Resp: 927
Ion Ratio Lower Upper
117 100
119 88.6 77.5 116.3



#34
Trichloroethene
Concen: 1.869 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046967.D
Acq: 01 Feb 2022 16:39

Tgt Ion: 95 Resp: 13511
Ion Ratio Lower Upper
95 100
97 70.4 46.5 86.5
132 96.0 65.1 120.9
130 102.4 67.3 124.9





#35

Methylcyclohexane

Concen: 0.912 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046967.D

Acq: 01 Feb 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

COHM6

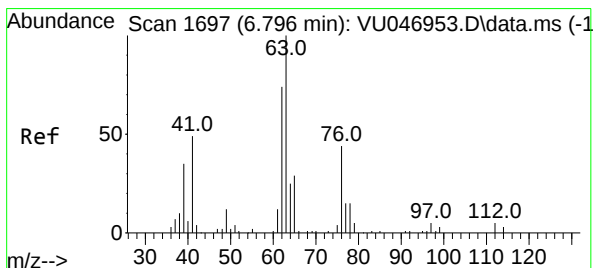
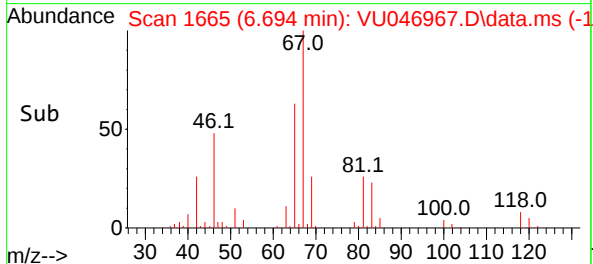
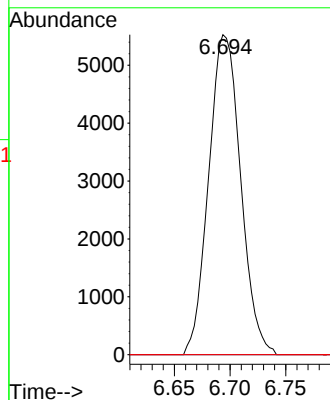
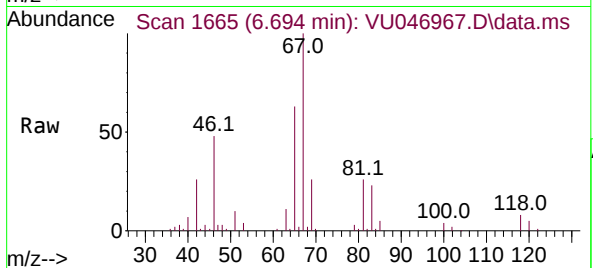
Tgt Ion: 83 Resp: 11043

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 3.0 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.719 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.103 min

Lab File: VU046967.D

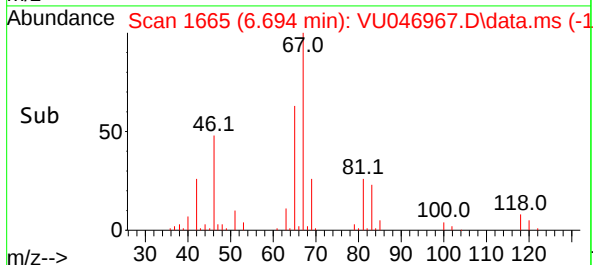
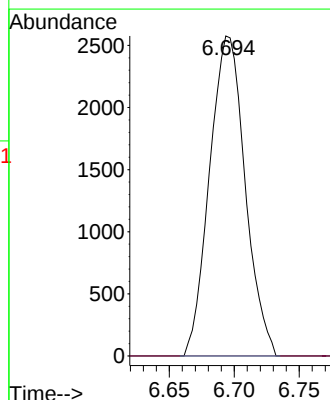
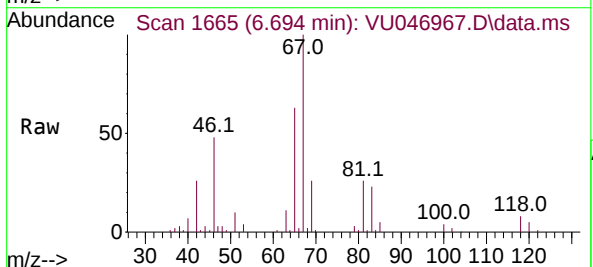
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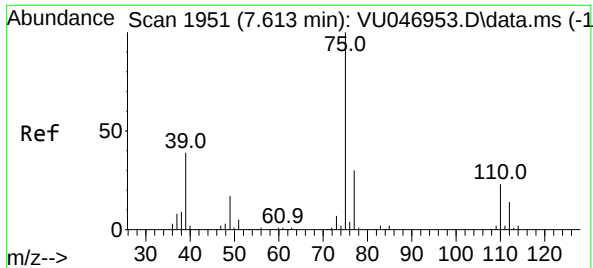
Tgt Ion: 63 Resp: 4909

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.568 min Scan# 1951

Delta R.T. -0.045 min

Lab File: VU046967.D

Acq: 01 Feb 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

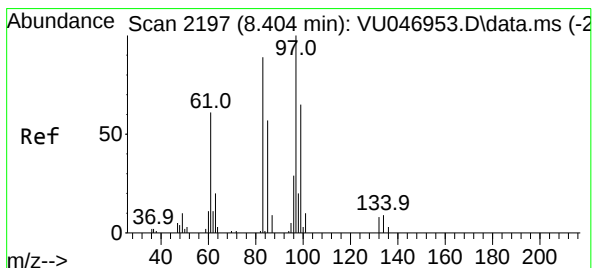
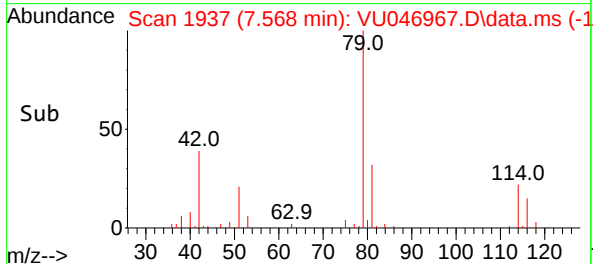
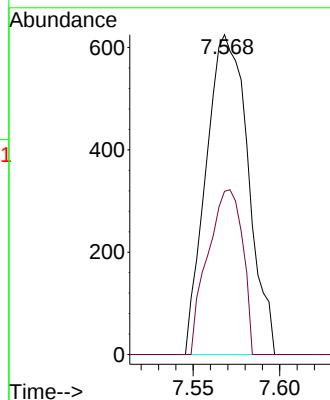
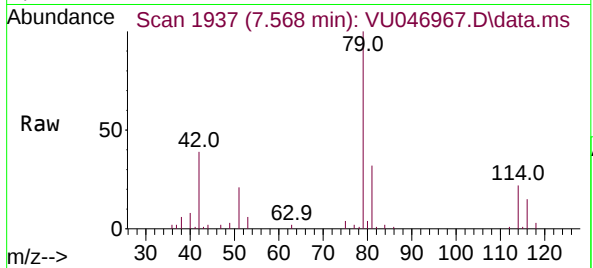
COHM6

Tgt Ion: 75 Resp: 1055

Ion Ratio Lower Upper

75 100

77 51.0 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.494 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.151 min

Lab File: VU046967.D

Acq: 01 Feb 2022 16:39

Tgt Ion: 97 Resp: 2870

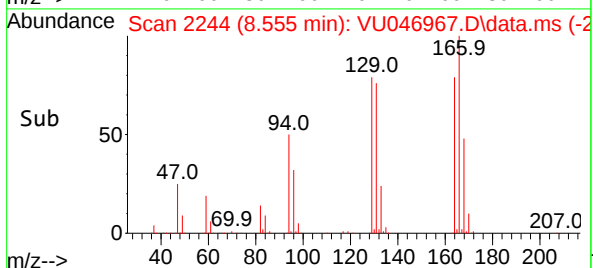
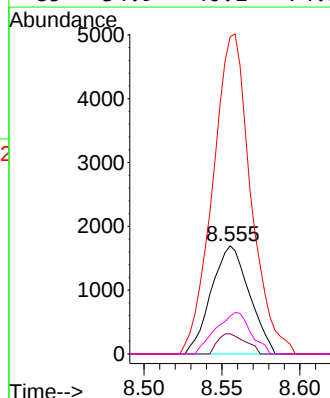
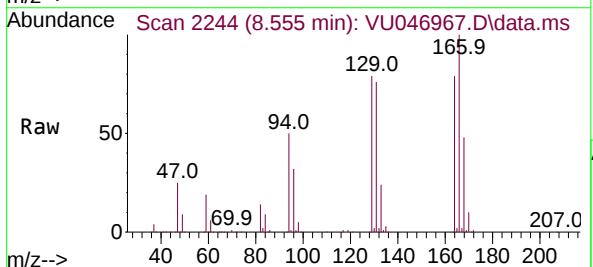
Ion Ratio Lower Upper

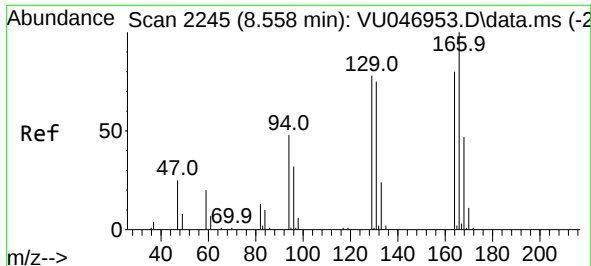
97 100

99 18.6 42.3 78.5#

83 293.2 62.0 115.2#

85 34.9 40.1 74.5#

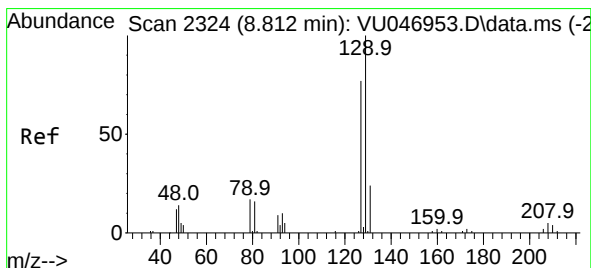
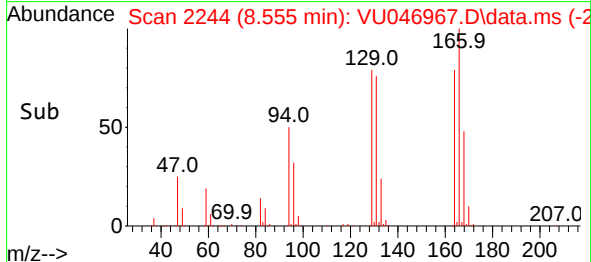
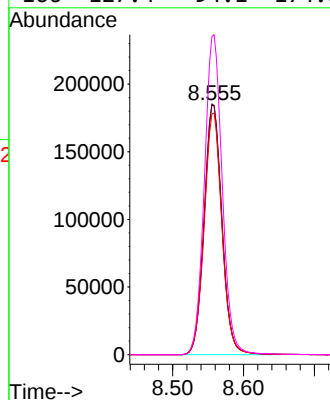
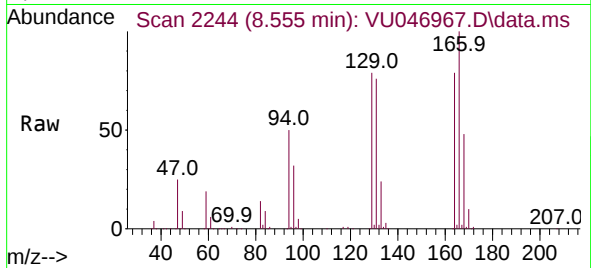




#47
Tetrachloroethene
Concen: 54.923 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046967.D
Acq: 01 Feb 2022 16:39

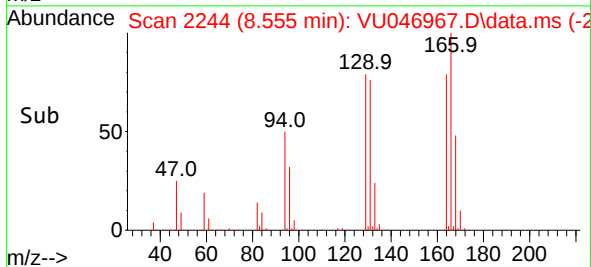
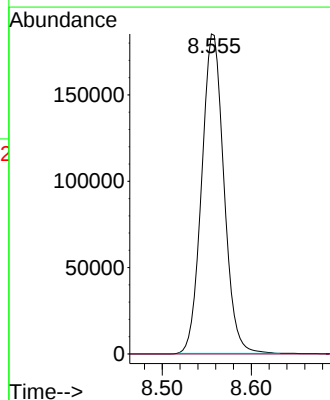
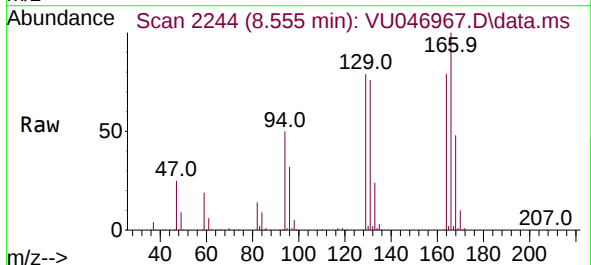
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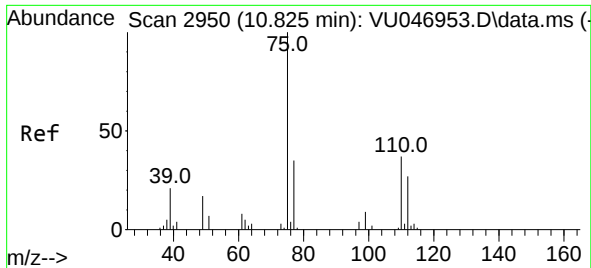
Tgt Ion:164 Resp: 322932
Ion Ratio Lower Upper
164 100
129 100.4 71.8 133.4
131 96.4 68.5 127.3
166 127.4 94.1 174.8



#49
Dibromochloromethane
Concen: 46.658 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046967.D
Acq: 01 Feb 2022 16:39

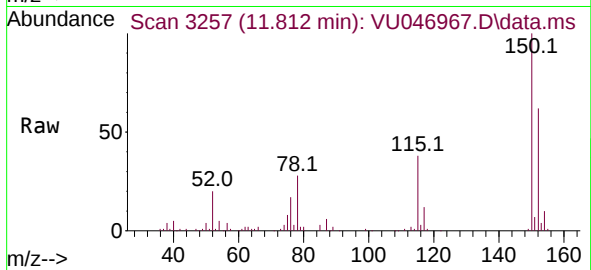
Tgt Ion:129 Resp: 319839
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.441 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046967.D
 Acq: 01 Feb 2022 16:39

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HM6



Tgt Ion: 75 Resp: 6048
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 34.1 25.5 38.3

