

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047492.D
 Acq On : 11 Mar 2022 15:12
 Operator : SY/MD
 Sample : N1857-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNL9

Quant Time: Mar 12 01:35:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 01:28:32 2022
 Response via : Initial Calibration

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

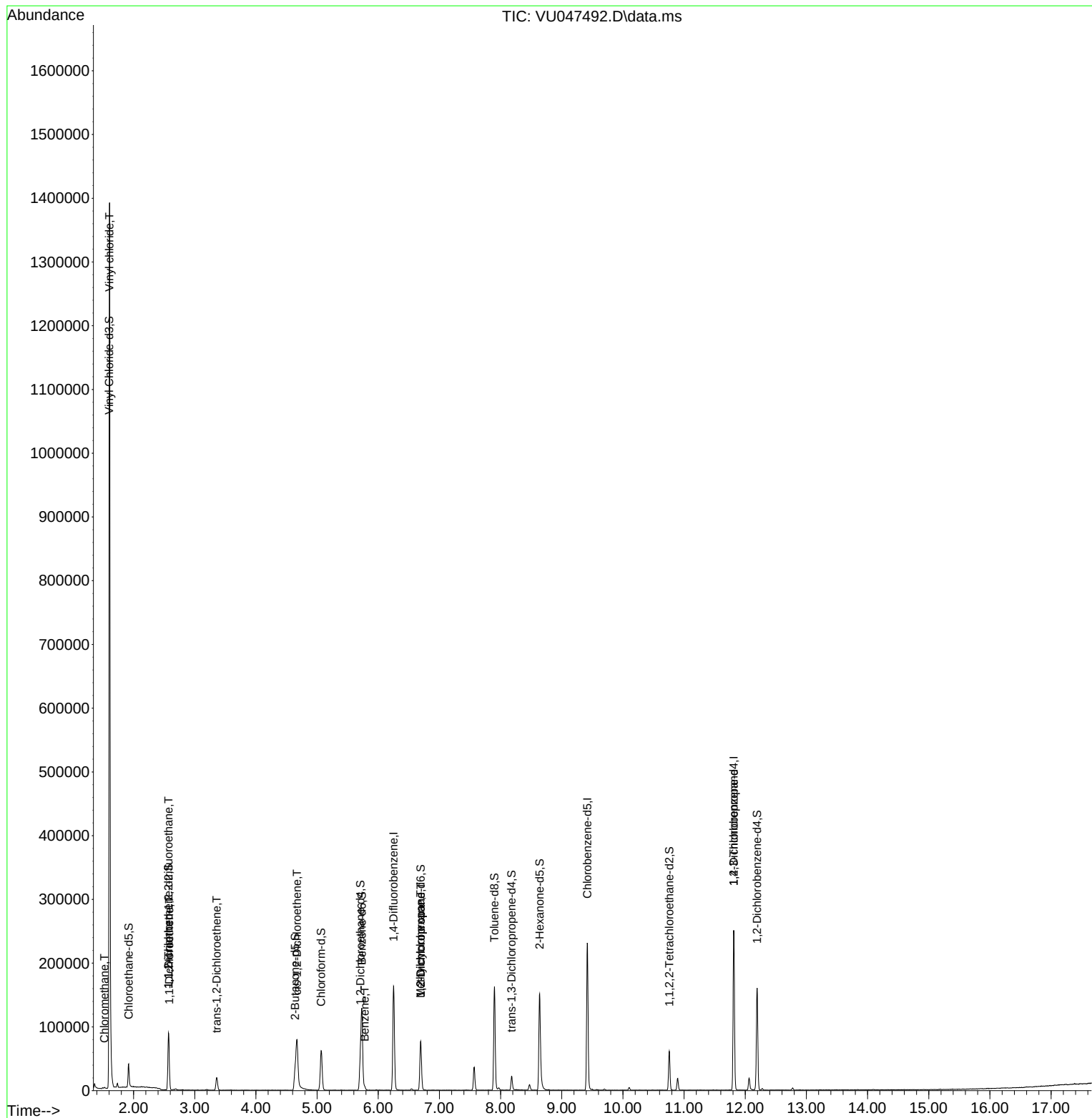
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	141863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	137245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70621	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44169	5.741	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.800%	
7) Chloroethane-d5	1.919	69	27987	4.955	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.572	65	16198	4.766	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.400%	
20) 2-Butanone-d5	4.642	46	71601	52.269	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.540%	
24) Chloroform-d	5.067	84	59727	4.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.706	65	30183	4.863	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
32) Benzene-d6	5.732	84	125005	4.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.694	67	37838	4.954	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.899	98	114036	4.494	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...	8.179	79	12867	3.968	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.400%	
46) 2-Hexanone-d5	8.639	63	58954	41.273	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.540%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30903	4.643	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	44680	4.990	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1296	0.122	ug/L	97
5) Vinyl chloride	1.607	62	953111	91.357	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	488	0.057	ug/L #	17
12) 1,1-Dichloroethene	2.581	96	1340	0.161	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	8672	0.973	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	34081	3.449	ug/L	98
33) Benzene	5.780	78	5247	0.142	ug/L	100
35) Methylcyclohexane	6.690	83	8634	0.552	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	3971	0.430	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	7267	1.111	ug/L #	67

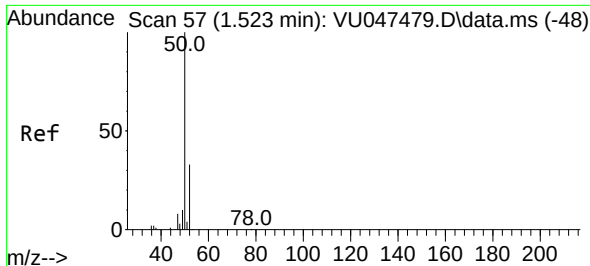
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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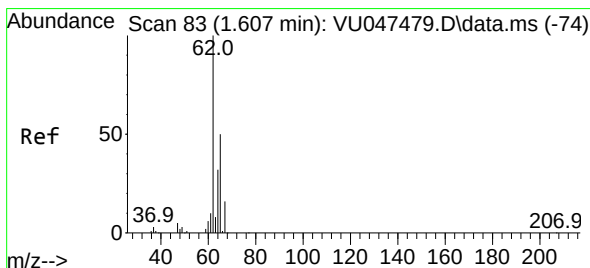
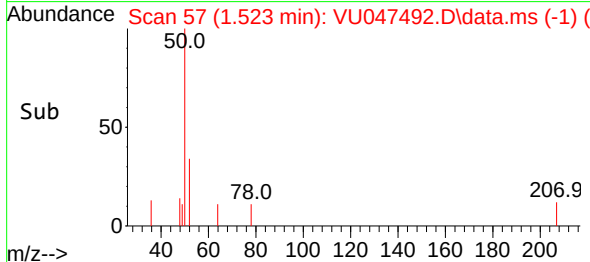
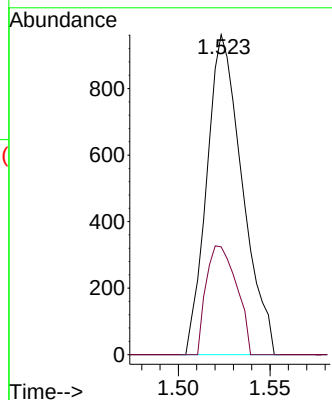
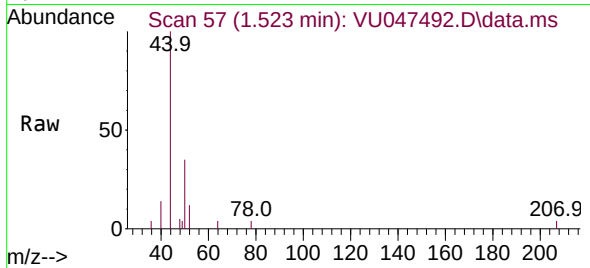




#3
Chloromethane
Concen: 0.122 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047492.D
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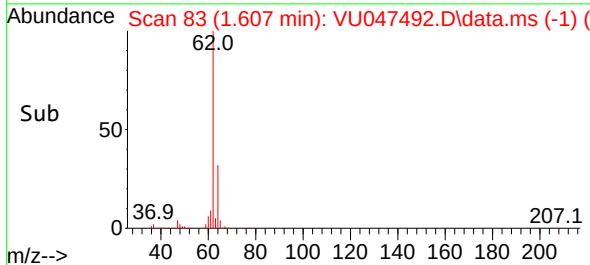
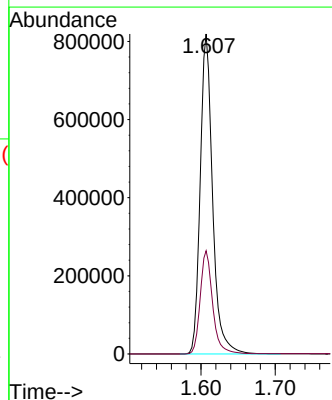
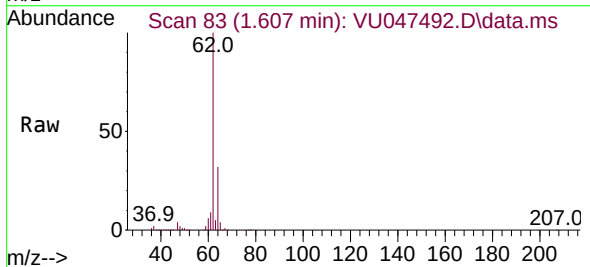
Instrument :
MSVOA_U
ClientSampleId :
ETNL9

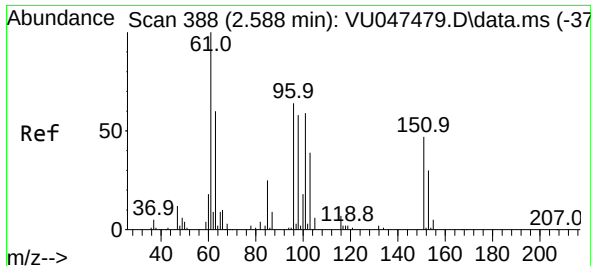
Tgt Ion: 50 Resp: 1296
Ion Ratio Lower Upper
50 100
52 33.7 22.5 41.9



#5
Vinyl chloride
Concen: 91.357 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU047492.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 62 Resp: 953111
Ion Ratio Lower Upper
62 100
64 32.3 23.7 43.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.057 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047492.D

Acq: 11 Mar 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

ETNL9

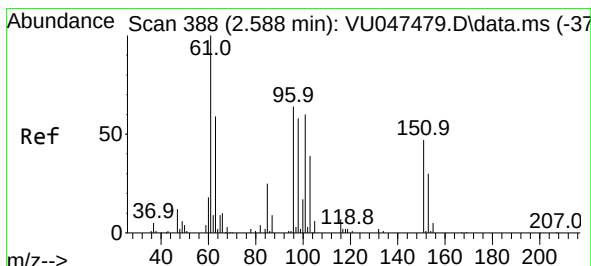
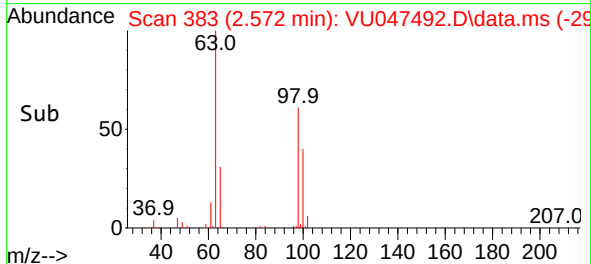
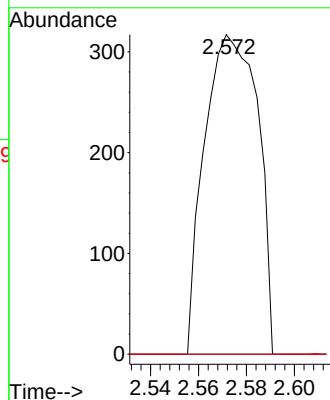
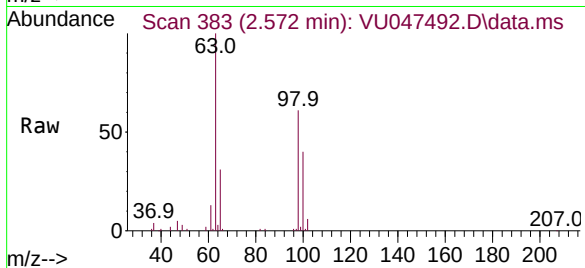
Tgt Ion:101 Resp: 488

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 64.8 97.2#



#12

1,1-Dichloroethene

Concen: 0.161 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.007 min

Lab File: VU047492.D

Acq: 11 Mar 2022 15:12

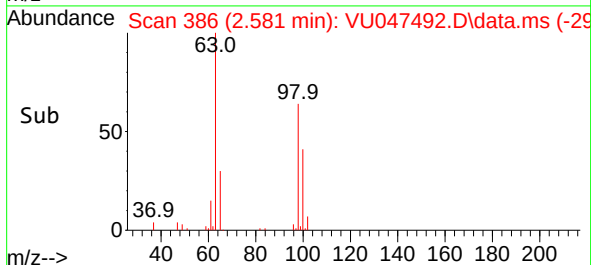
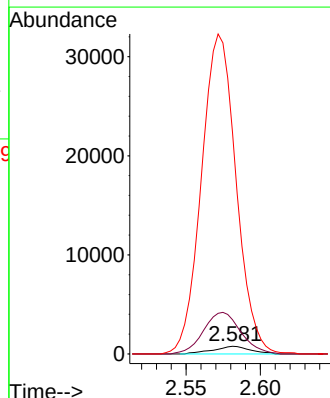
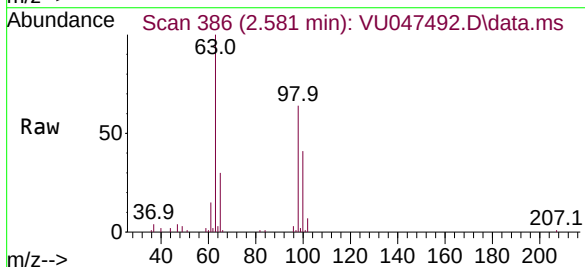
Tgt Ion: 96 Resp: 1340

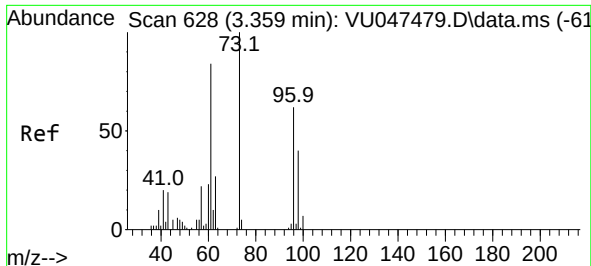
Ion Ratio Lower Upper

96 100

61 448.6 108.8 202.0#

63 2901.8 64.0 119.0#

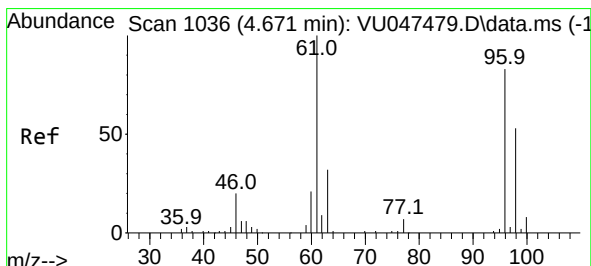
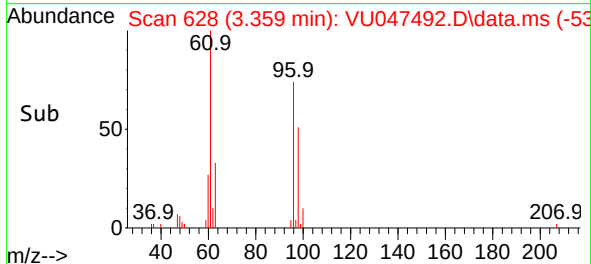
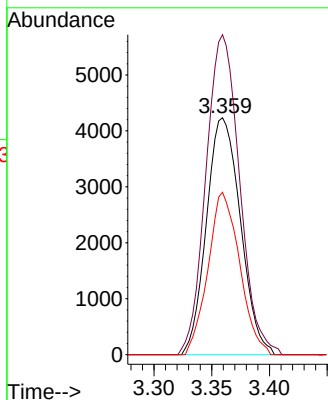
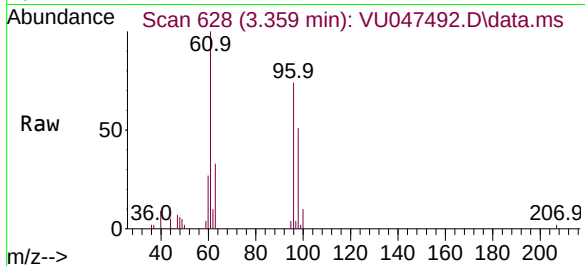




#18
trans-1,2-Dichloroethene
Concen: 0.973 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047492.D
Acq: 11 Mar 2022 15:12

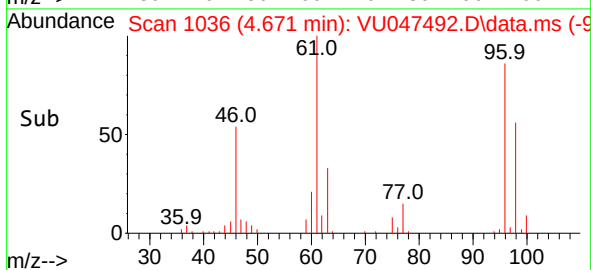
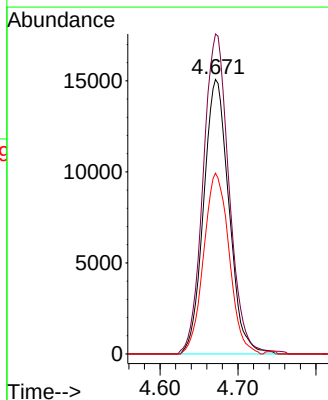
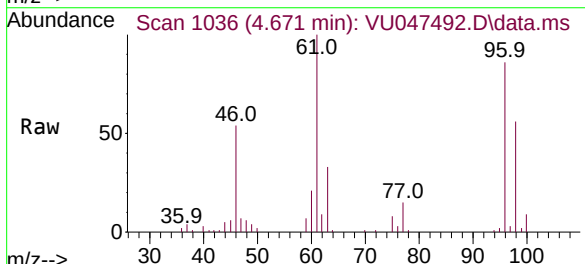
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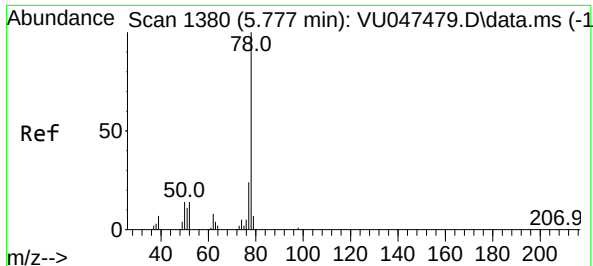
Tgt Ion: 96 Resp: 8672
Ion Ratio Lower Upper
96 100
61 135.1 90.4 167.8
98 68.6 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 3.449 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047492.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 96 Resp: 34081
Ion Ratio Lower Upper
96 100
61 116.5 80.8 150.0
98 65.8 44.7 83.1

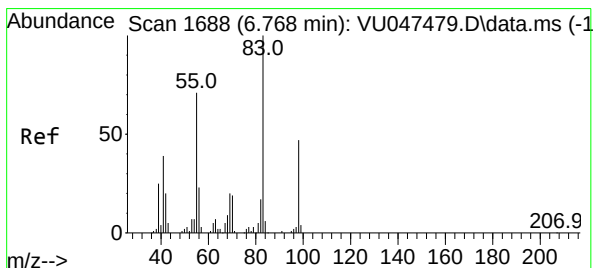
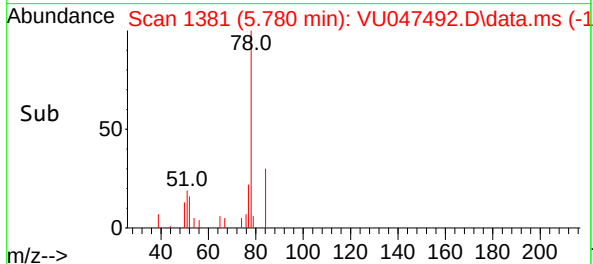
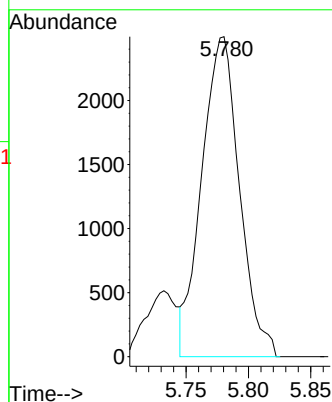
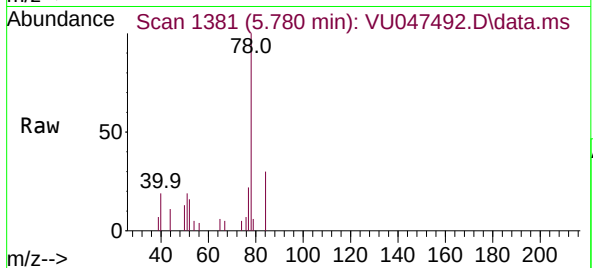




#33
Benzene
Concen: 0.142 ug/L
RT: 5.780 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047492.D
Acq: 11 Mar 2022 15:12

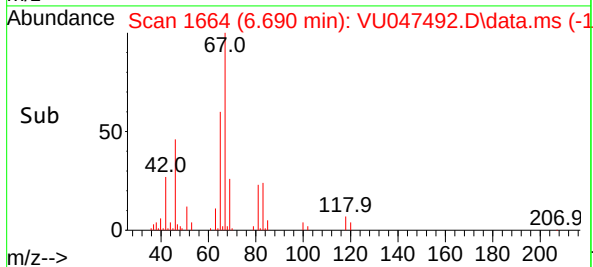
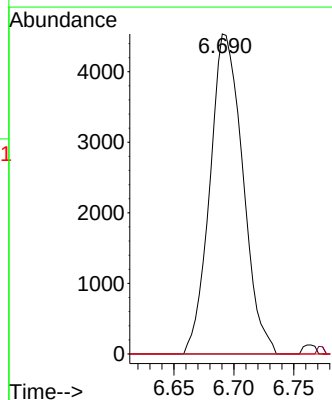
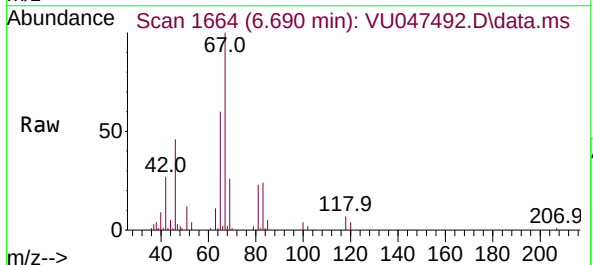
Instrument :
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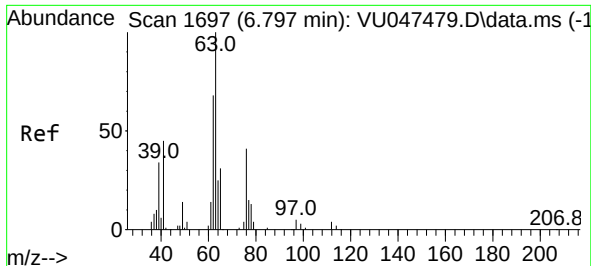
Tgt Ion: 78 Resp: 5247



#35
Methylcyclohexane
Concen: 0.552 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU047492.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 83 Resp: 8634
Ion Ratio Lower Upper
83 100
55 0.5 57.8 86.8#
98 0.0 38.0 57.0#

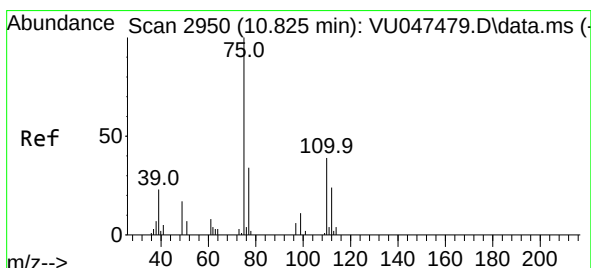
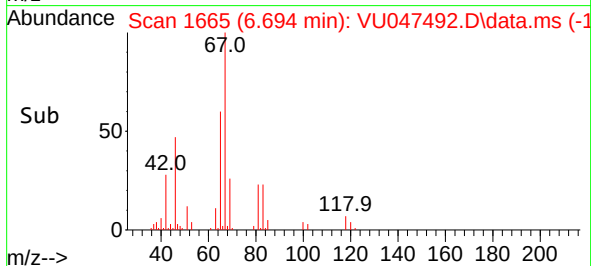
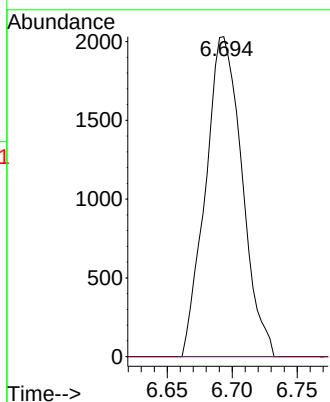
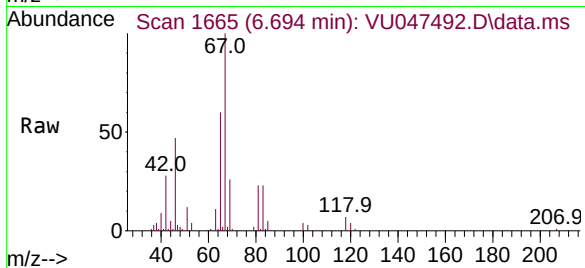




#37
1,2-Dichloropropane
Concen: 0.430 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.103 min
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Tgt Ion: 63 Resp: 3971
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.111 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047492.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 75 Resp: 7267
Ion Ratio Lower Upper
75 100
110 1.8 31.0 46.4#
77 32.5 26.2 39.4

