

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050186.D
 Acq On : 09 Aug 2022 16:10
 Operator : SY/MD
 Sample : N4075-03RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 04:49:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

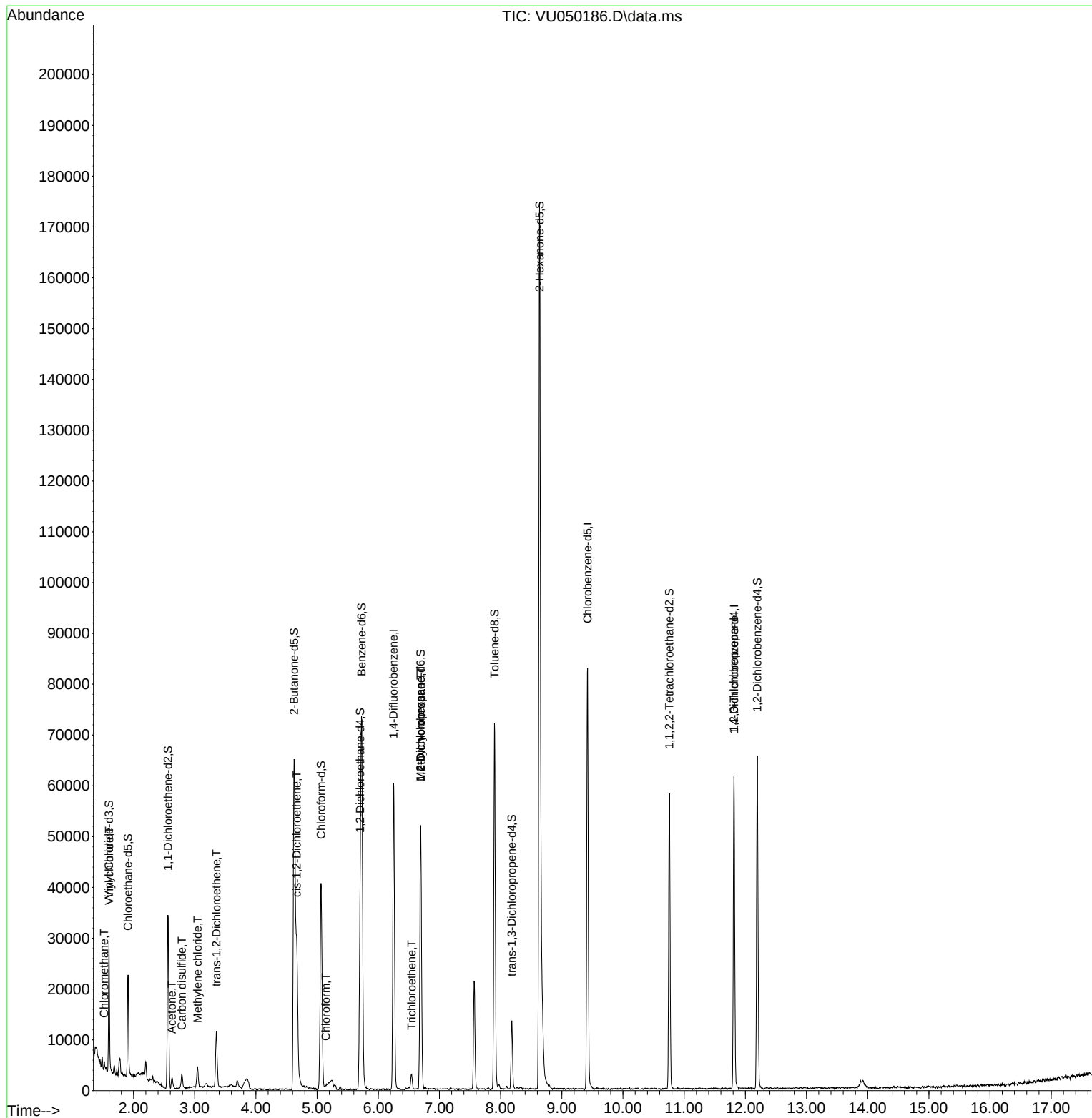
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	49530	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	48168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	17631	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	15910	3.860	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.200%	
7) Chloroethane-d5	1.909	69	14917	4.486	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.800%	
11) 1,1-Dichloroethene-d2	2.562	65	6292	3.906	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.200%	
20) 2-Butanone-d5	4.623	46	96136	95.642	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	191.280%#	
24) Chloroform-d	5.064	84	39399	5.139	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
26) 1,2-Dichloroethane-d4	5.703	65	23829	6.053	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	121.000%	
32) Benzene-d6	5.729	84	69413	4.618	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.694	67	26340	5.321	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.400%	
41) Toluene-d8	7.899	98	50184	3.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	8.182	79	8488	4.785	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.636	63	54954	87.365	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	174.720%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31521	7.251	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	145.000%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	18284	5.293	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1781	0.300	ug/L	88
5) Vinyl chloride	1.601	62	2095	0.394	ug/L	83
13) Acetone	2.626	43	2477	4.425	ug/L	97
14) Carbon disulfide	2.790	76	4130	0.338	ug/L #	94
16) Methylene chloride	3.044	84	1835	0.351	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	4488	1.171	ug/L	84
22) cis-1,2-Dichloroethene	4.668	96	12218	2.872	ug/L	89
25) Chloroform	5.141	83	20	0.003	ug/L #	17
34) Trichloroethene	6.546	95	1041	0.255	ug/L	89
35) Methylcyclohexane	6.694	83	6110	1.160	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	2536	0.564	ug/L #	89
61) 1,2,3-Trichloropropane	11.813	75	2280	0.949	ug/L #	66

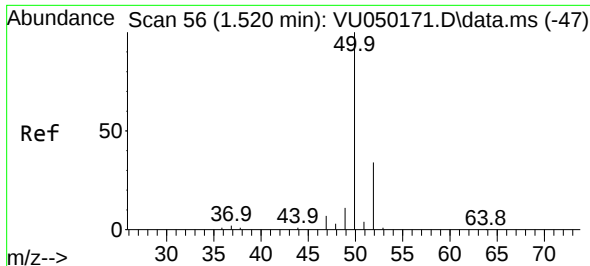
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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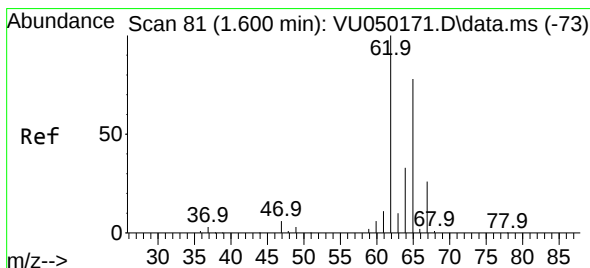
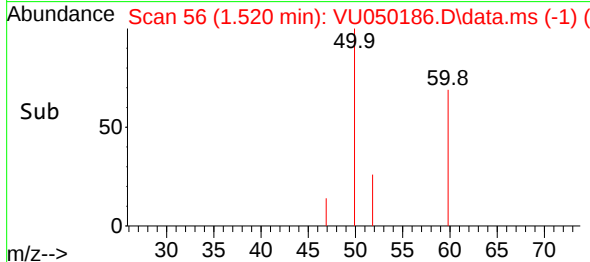
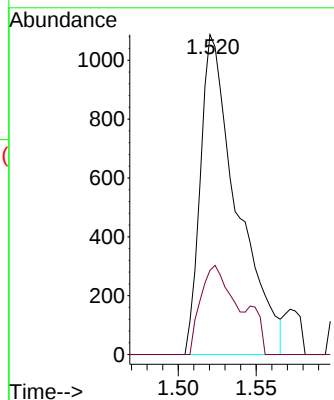
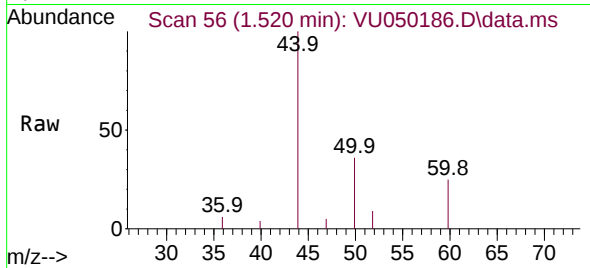




#3
Chloromethane
Concen: 0.300 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050186.D
Acq: 09 Aug 2022 16:10

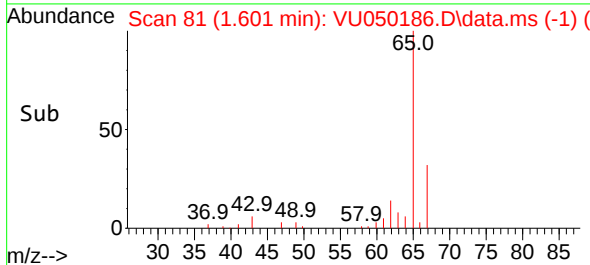
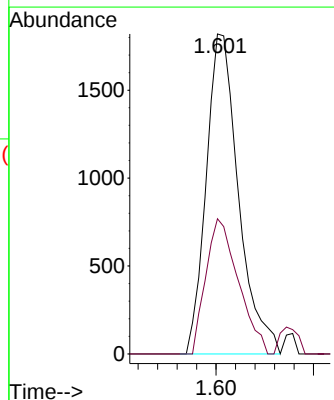
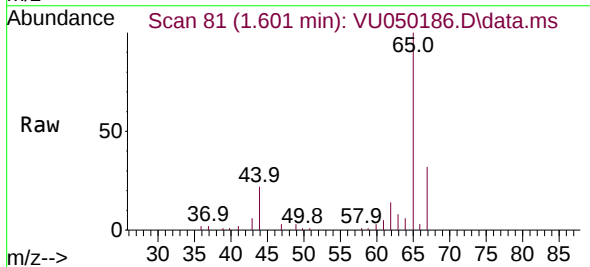
Instrument :
MSVOA_U
ClientSampleId :

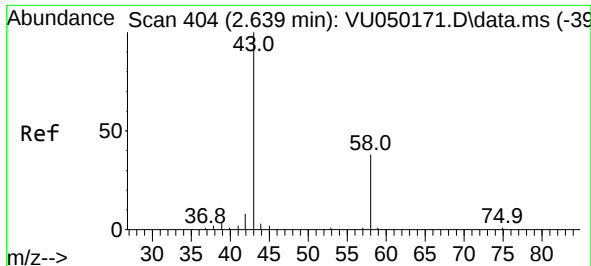
Tgt Ion: 50 Resp: 1781
Ion Ratio Lower Upper
50 100
52 26.3 23.2 43.2



#5
Vinyl chloride
Concen: 0.394 ug/L
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU050186.D
Acq: 09 Aug 2022 16:10

Tgt Ion: 62 Resp: 2095
Ion Ratio Lower Upper
62 100
64 42.3 22.8 42.4





#13

Acetone

Concen: 4.425 ug/L

RT: 2.626 min Scan# 404

Delta R.T. -0.019 min

Lab File: VU050186.D

Acq: 09 Aug 2022 16:10

Instrument :

MSVOA_U

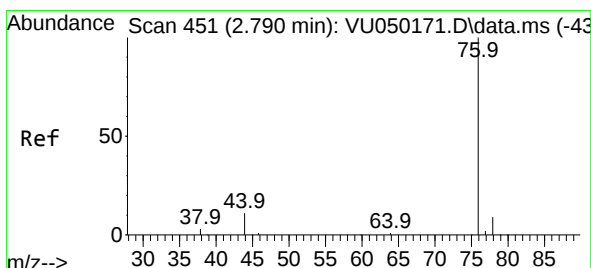
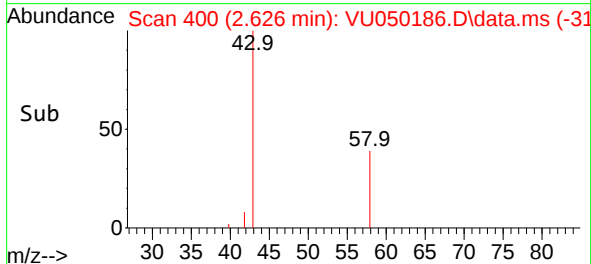
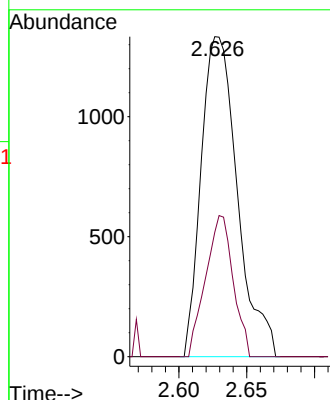
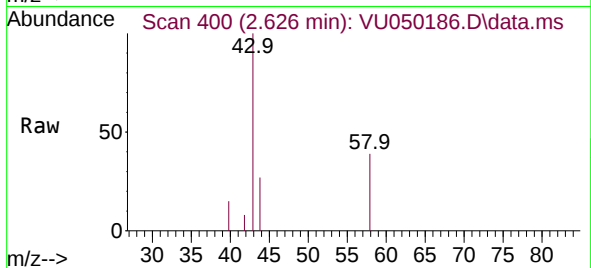
ClientSampleId :

Tgt Ion: 43 Resp: 2477

Ion Ratio Lower Upper

43 100

58 33.5 0.0 64.0



#14

Carbon disulfide

Concen: 0.338 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050186.D

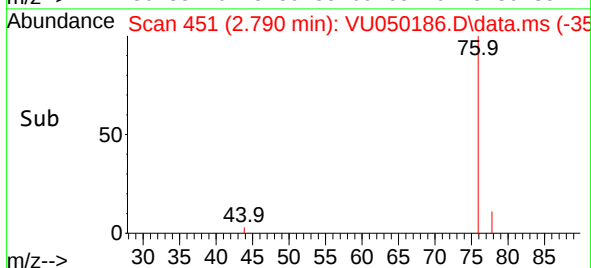
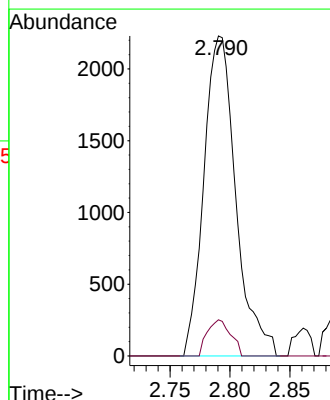
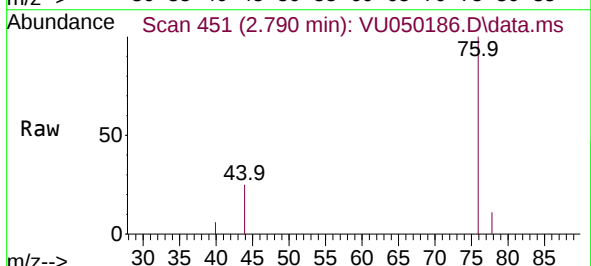
Acq: 09 Aug 2022 16:10

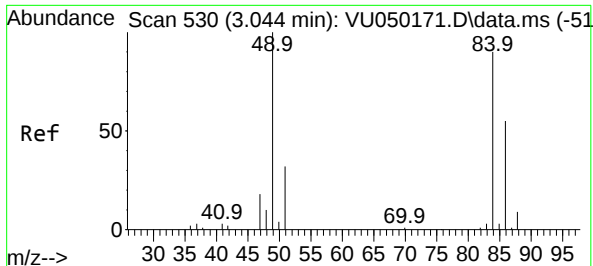
Tgt Ion: 76 Resp: 4130

Ion Ratio Lower Upper

76 100

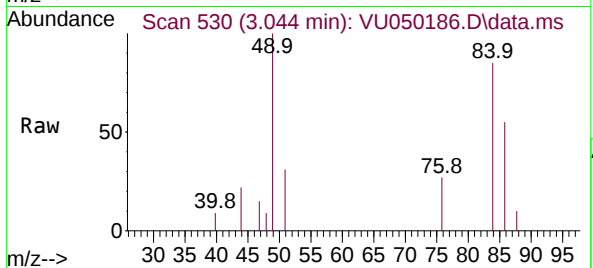
78 11.3 7.4 11.0#



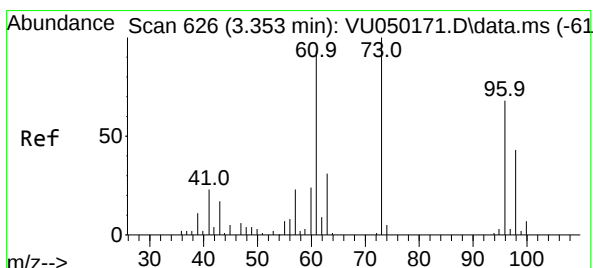
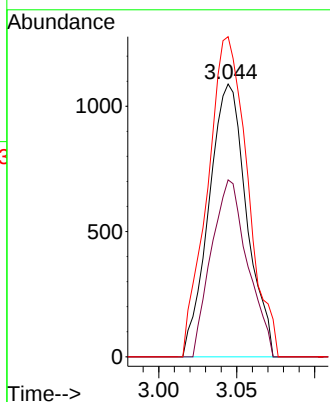
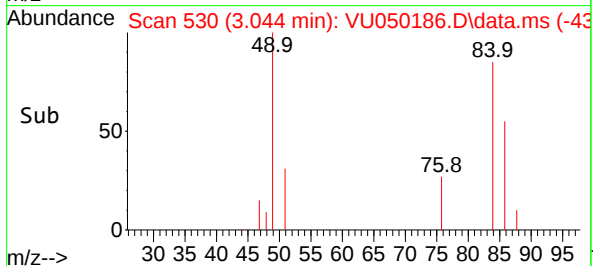


#16
Methylene chloride
Concen: 0.351 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050186.D
Acq: 09 Aug 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :

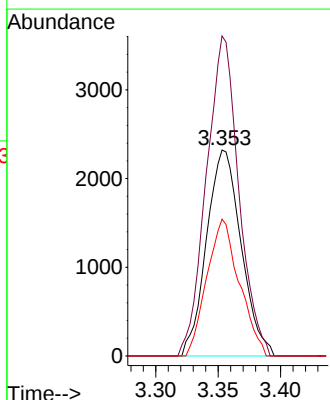
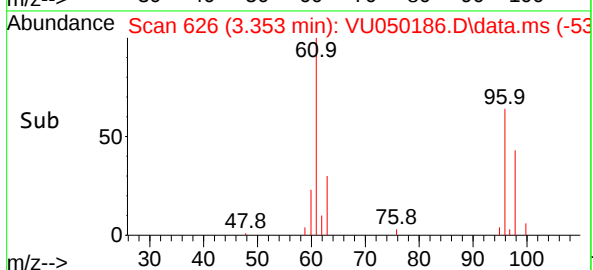
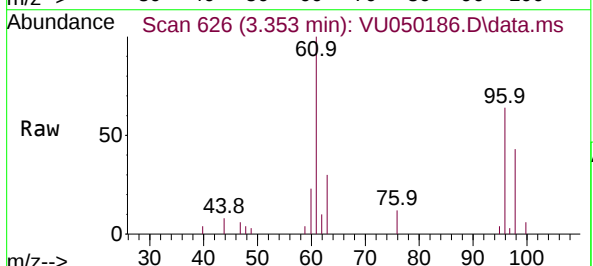


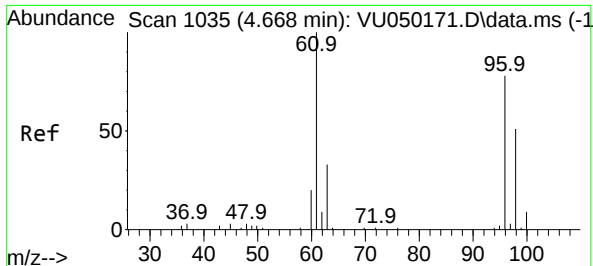
Tgt Ion: 84 Resp: 1835
Ion Ratio Lower Upper
84 100
86 64.8 45.9 85.3
49 117.4 77.6 144.0



#18
trans-1,2-Dichloroethene
Concen: 1.171 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050186.D
Acq: 09 Aug 2022 16:10

Tgt Ion: 96 Resp: 4488
Ion Ratio Lower Upper
96 100
61 155.4 92.3 171.5
98 66.4 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 2.872 ug/L

RT: 4.668 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VU050186.D

Acq: 09 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

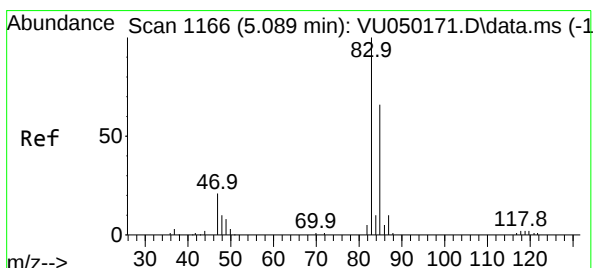
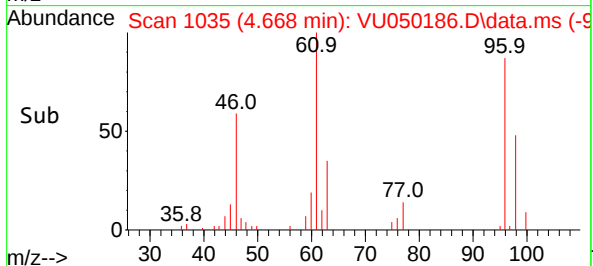
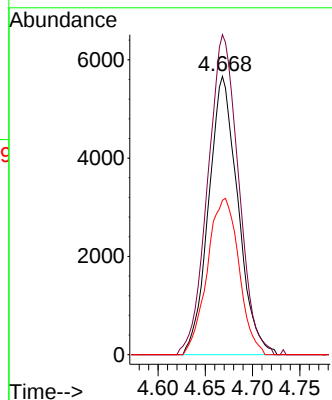
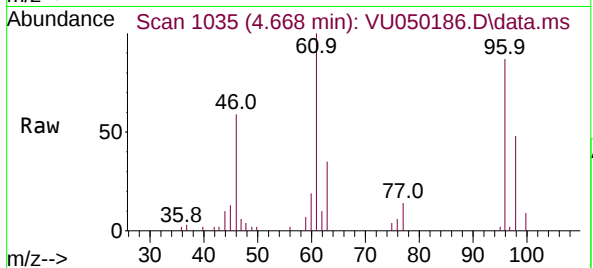
Tgt Ion: 96 Resp: 12218

Ion Ratio Lower Upper

96 100

61 114.9 89.0 165.4

98 55.5 45.2 84.0



#25

Chloroform

Concen: 0.003 ug/L

RT: 5.141 min Scan# 1182

Delta R.T. 0.052 min

Lab File: VU050186.D

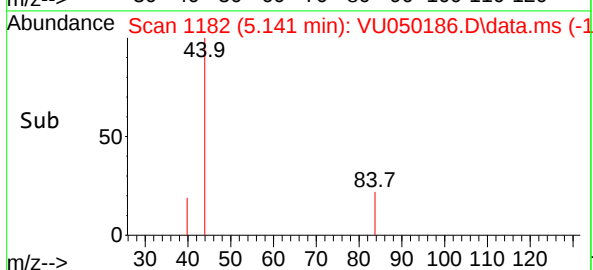
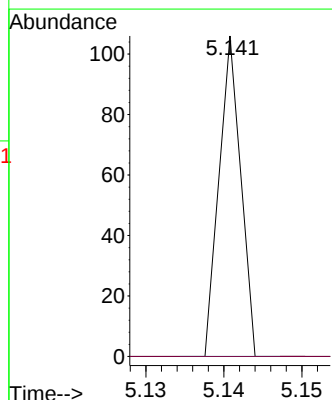
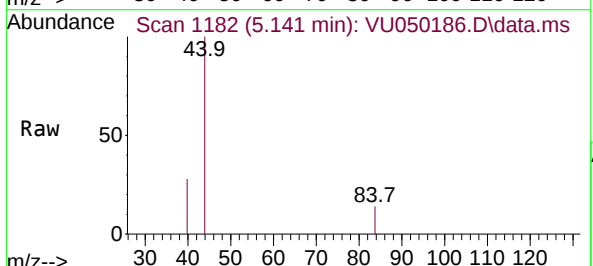
Acq: 09 Aug 2022 16:10

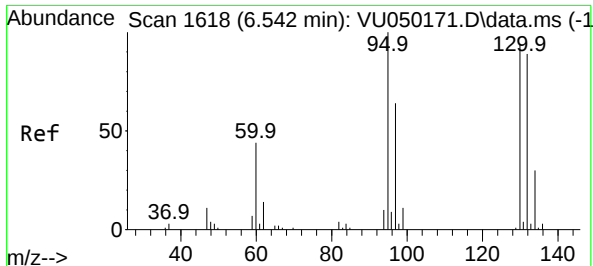
Tgt Ion: 83 Resp: 20

Ion Ratio Lower Upper

83 100

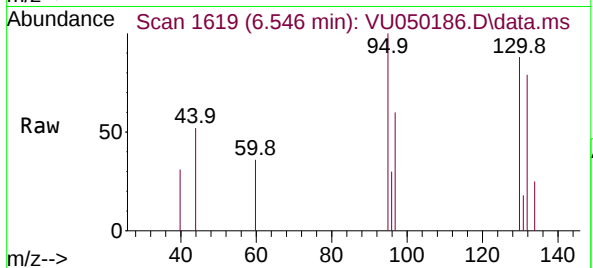
85 0.0 46.1 85.5#





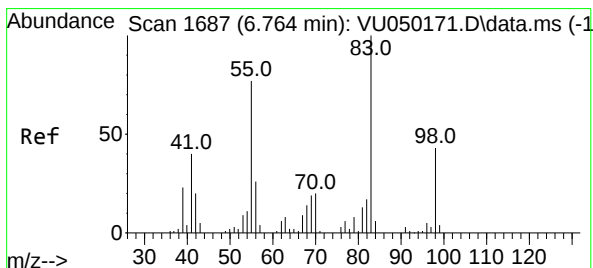
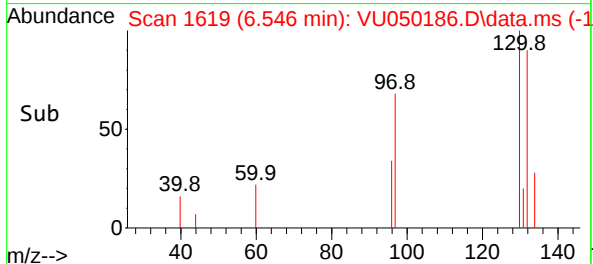
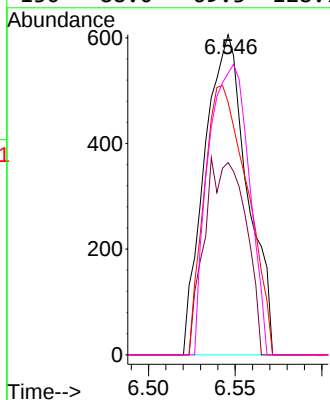
#34
Trichloroethene
Concen: 0.255 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. 0.003 min
Lab File: VU050186.D
Acq: 09 Aug 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 1041

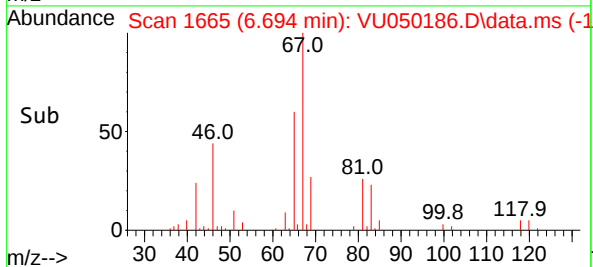
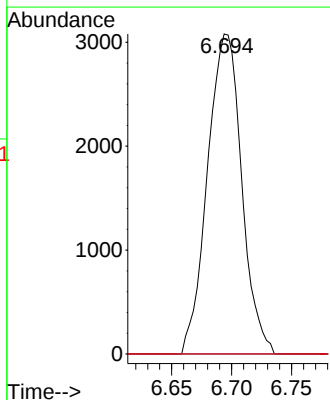
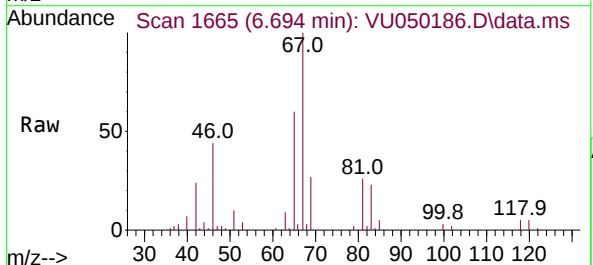
Ion	Ratio	Lower	Upper
95	100		
97	60.1	45.6	84.8
132	78.9	65.0	120.6
130	88.0	69.3	128.7

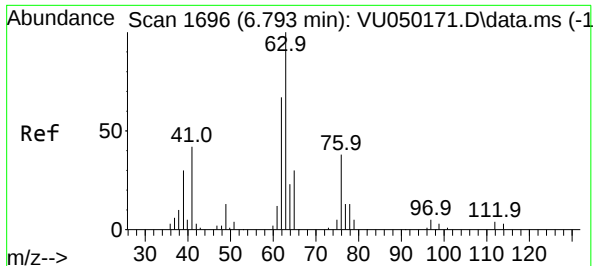


#35
Methylcyclohexane
Concen: 1.160 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050186.D
Acq: 09 Aug 2022 16:10

Tgt Ion: 83 Resp: 6110

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.8	36.2	54.2#





#37

1,2-Dichloropropane

Concen: 0.564 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050186.D

Acq: 09 Aug 2022 16:10

Instrument :

MSVOA_U

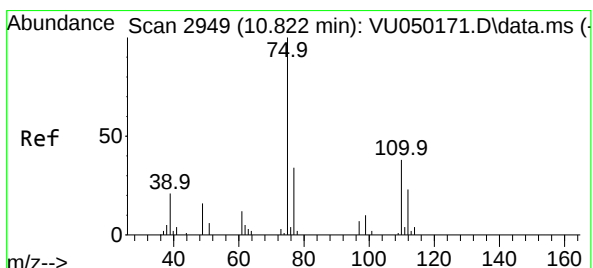
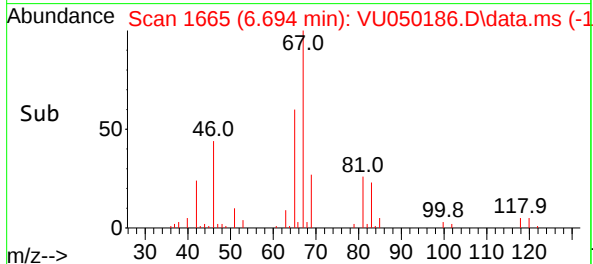
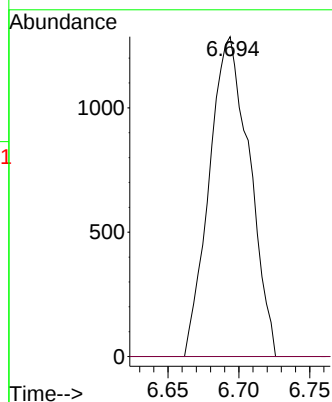
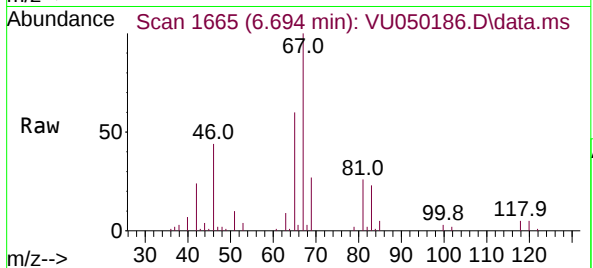
ClientSampleId :

Tgt Ion: 63 Resp: 2536

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 0.949 ug/L

RT: 11.813 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050186.D

Acq: 09 Aug 2022 16:10

Tgt Ion: 75 Resp: 2280

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 30.3 25.8 38.6

