

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050296.D
 Acq On : 12 Aug 2022 21:42
 Operator : SY/MD
 Sample : N4072-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 01:24:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	64873	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	64253	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	25093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31187	5.777	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	115.600%	
7) Chloroethane-d5	1.913	69	25268	5.801	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	116.000%	
11) 1,1-Dichloroethene-d2	2.565	65	10857	5.145	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	103.000%	
20) 2-Butanone-d5	4.623	46	99060	75.243	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	150.480%#	
24) Chloroform-d	5.064	84	52472	5.225	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
26) 1,2-Dichloroethane-d4	5.703	65	30021	5.823	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.400%	
32) Benzene-d6	5.729	84	97369	4.856	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
36) 1,2-Dichloropropane-d6	6.691	67	34979	5.298	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.000%	
41) Toluene-d8	7.900	98	73496	4.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.000%	
43) trans-1,3-Dichloroprop...	8.179	79	11416	4.825	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.400%	
46) 2-Hexanone-d5	8.633	63	65446	77.998	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	156.000%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35874	6.187	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	123.800%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	27053	5.502	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.524	50	3125	0.402	ug/L	95
5) Vinyl chloride	1.604	62	11653	1.672	ug/L #	1
8) Chloroethane	1.893	64	1203	0.293	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	278	0.065	ug/L #	22
13) Acetone	2.626	43	4021	5.484	ug/L	98
14) Carbon disulfide	2.790	76	7204	0.450	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	1202	0.103	ug/L #	78
18) trans-1,2-Dichloroethene	3.353	96	15446	3.076	ug/L	89
22) cis-1,2-Dichloroethene	4.668	96	26304	4.720	ug/L	99
33) Benzene	5.777	78	3133	0.139	ug/L	100
35) Methylcyclohexane	6.691	83	8008	1.139	ug/L #	18
37) 1,2-Dichloropropane	6.691	63	3372	0.562	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	714	0.091	ug/L #	46
42) Toluene	7.970	91	8381	0.371	ug/L	97
52) Ethylbenzene	9.571	91	2159	0.098	ug/L	98
61) 1,2,3-Trichloropropane	11.813	75	2988	0.874	ug/L #	68
67) 1,2-Dichlorobenzene	12.214	146	1283	0.157	ug/L #	82

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Instrument :
MSVOA_U
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Quant Time: Aug 13 01:24:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 01:20:27 2022
Response via : Initial Calibration

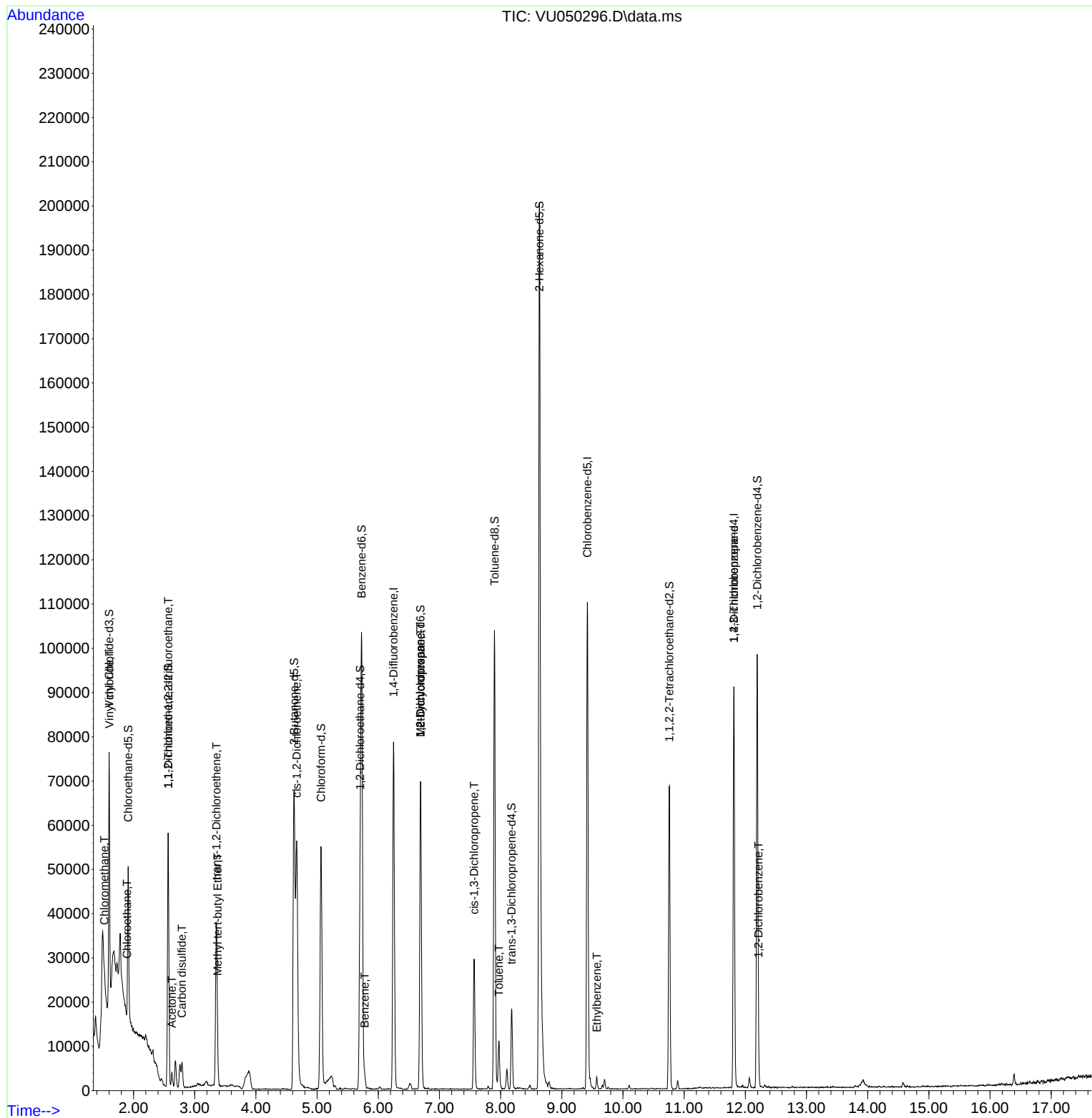
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

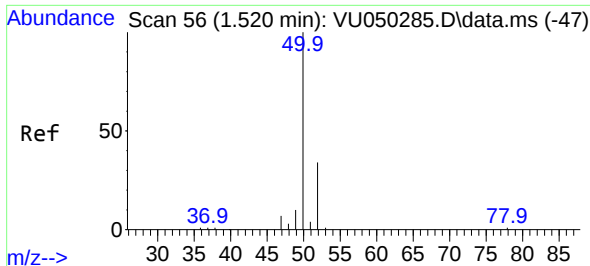
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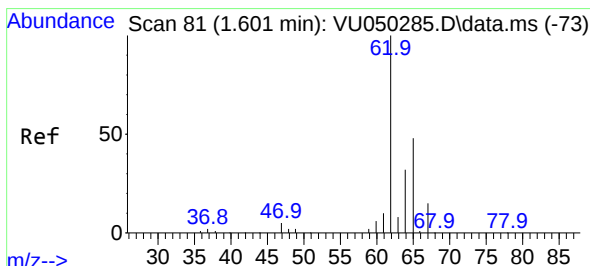
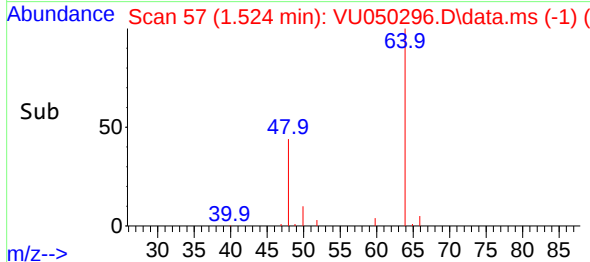
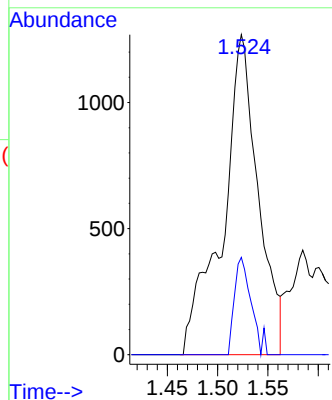
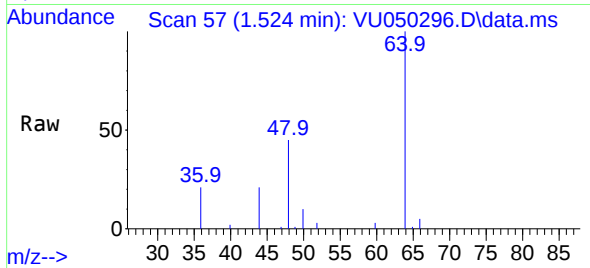




#3
Chloromethane
Concen: 0.402 ug/L
RT: 1.524 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

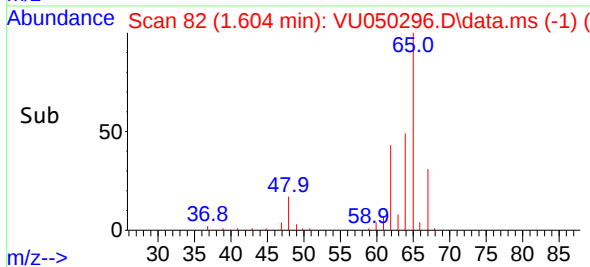
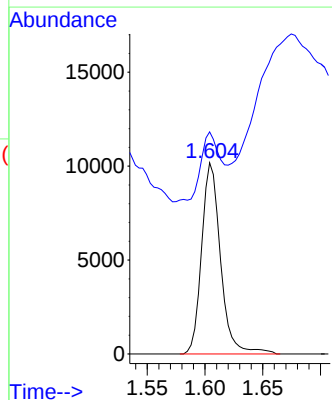
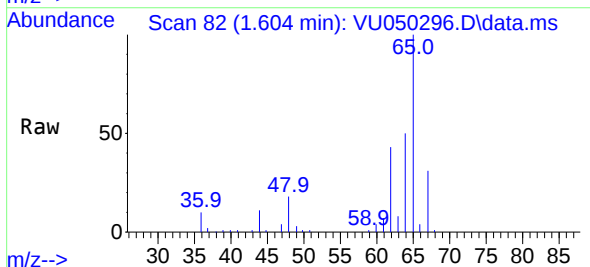
Instrument :
MSVOA_U
ClientSampleId :

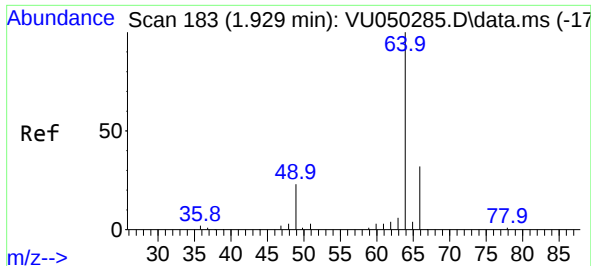
Tgt Ion: 50 Resp: 3125
Ion Ratio Lower Upper
50 100
52 30.4 23.2 43.2



#5
Vinyl chloride
Concen: 1.672 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

Tgt Ion: 62 Resp: 11653
Ion Ratio Lower Upper
62 100
64 116.2 22.8 42.4#

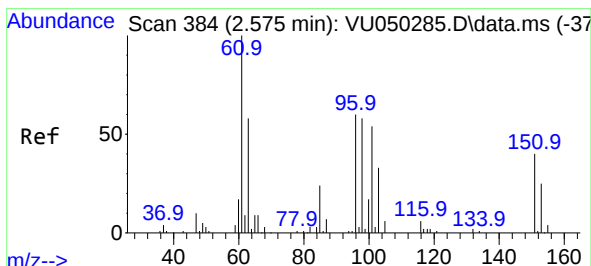
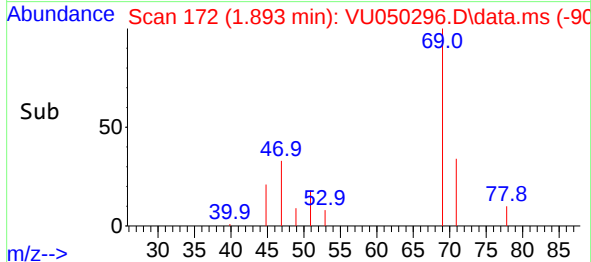
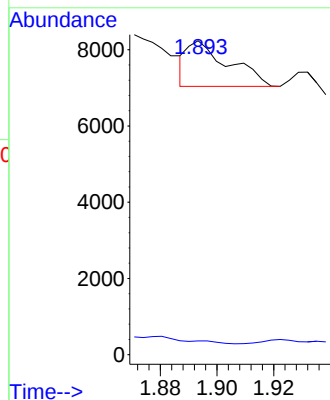
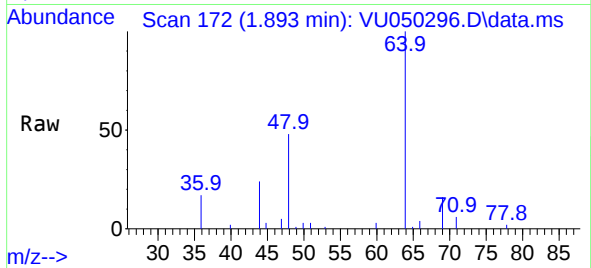




#8
Chloroethane
Concen: 0.293 ug/L
RT: 1.893 min Scan# 11
Delta R.T. -0.035 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

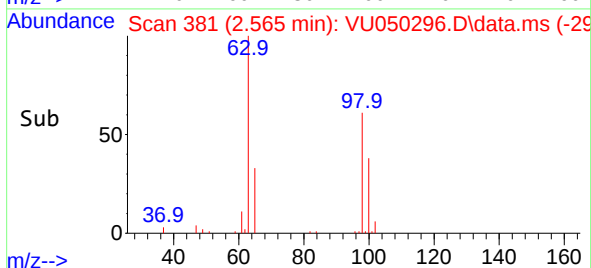
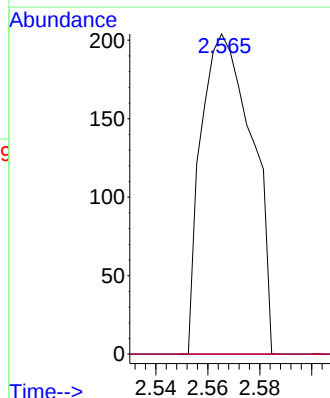
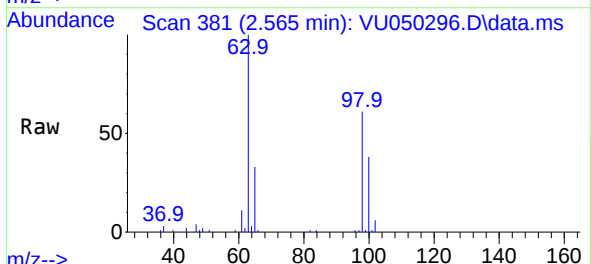
Instrument :
MSVOA_U
ClientSampleId :

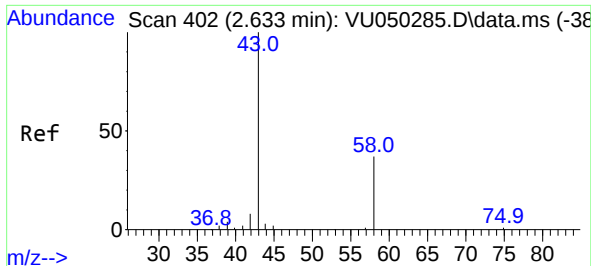
Tgt Ion: 64 Resp: 1203
Ion Ratio Lower Upper
64 100
66 4.4 22.8 42.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.065 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

Tgt Ion: 101 Resp: 278
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#





#13

Acetone

Concen: 5.484 ug/L

RT: 2.626 min Scan# 402

Delta R.T. -0.006 min

Lab File: VU050296.D

Acq: 12 Aug 2022 21:42

Instrument :

MSVOA_U

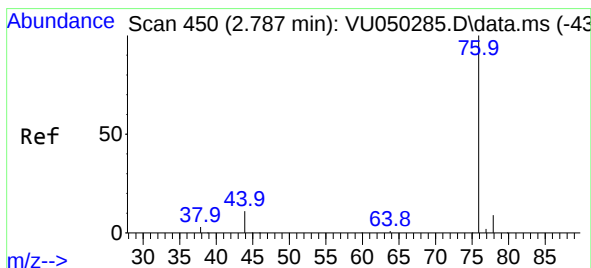
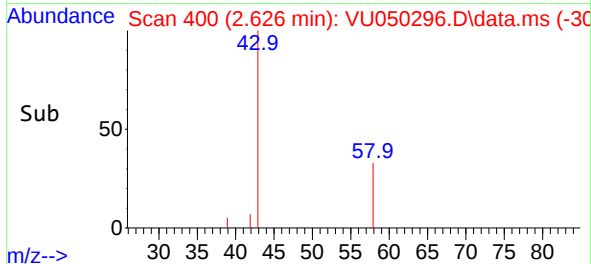
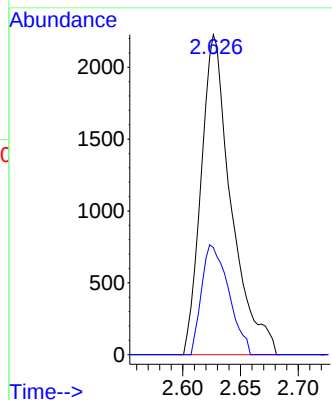
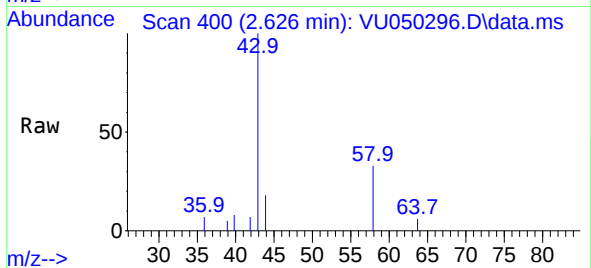
ClientSampleId :

Tgt Ion: 43 Resp: 4021

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.0



#14

Carbon disulfide

Concen: 0.450 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050296.D

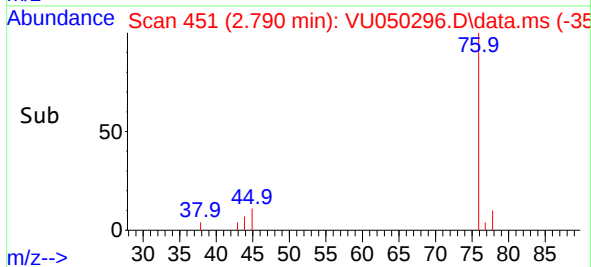
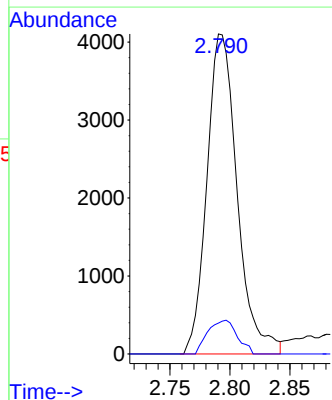
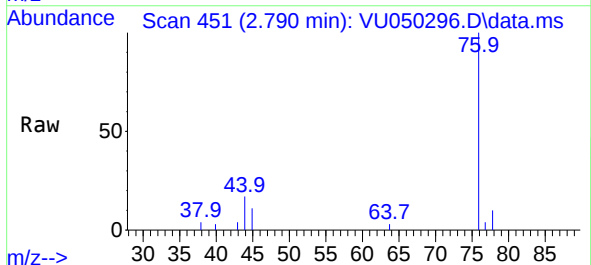
Acq: 12 Aug 2022 21:42

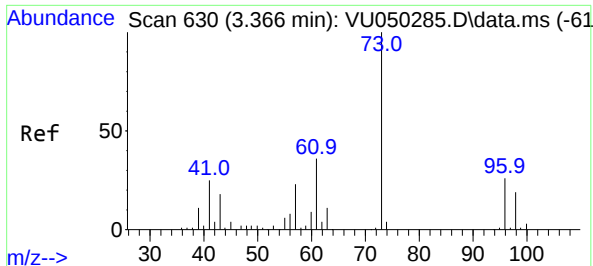
Tgt Ion: 76 Resp: 7204

Ion Ratio Lower Upper

76 100

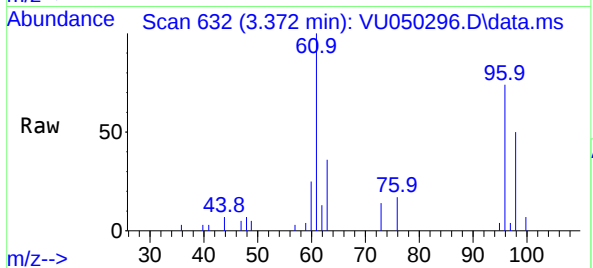
78 9.6 7.4 11.0



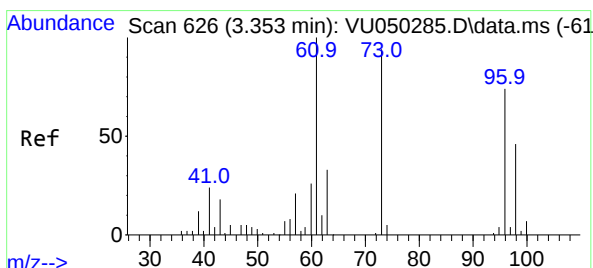
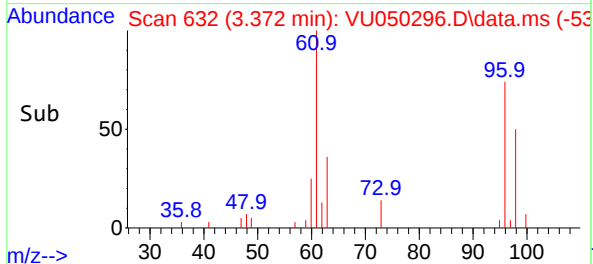
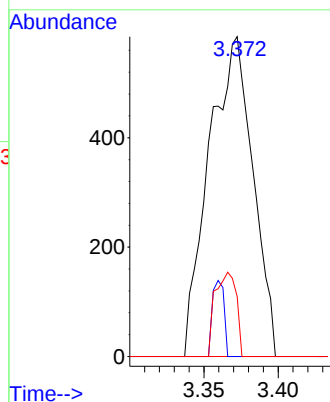


#17
Methyl tert-butyl Ether
Concen: 0.103 ug/L
RT: 3.372 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

Instrument :
MSVOA_U
ClientSampleId :

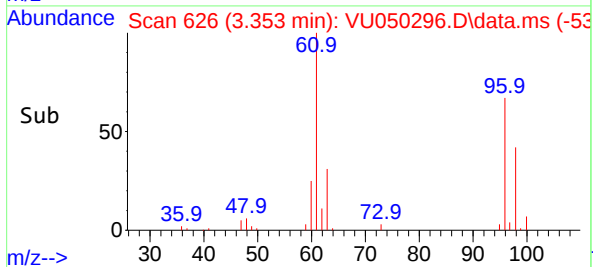
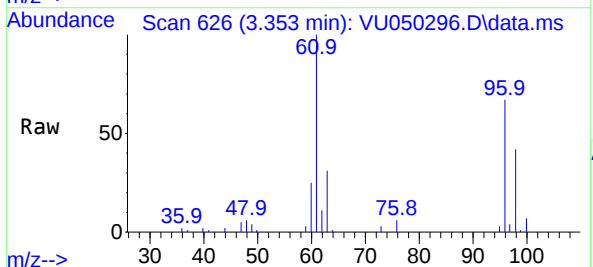
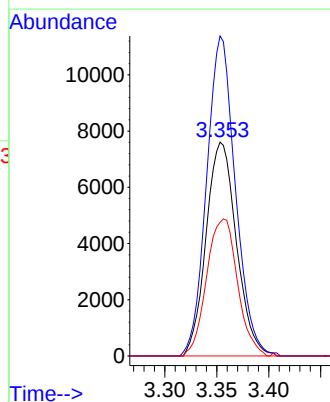


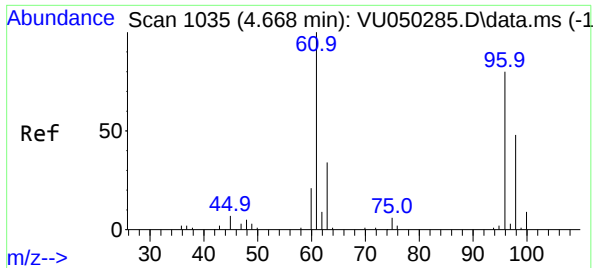
Tgt Ion: 73 Resp: 1202
Ion Ratio Lower Upper
73 100
43 6.2 13.5 20.3#
57 12.6 17.4 26.2#



#18
trans-1,2-Dichloroethene
Concen: 3.076 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

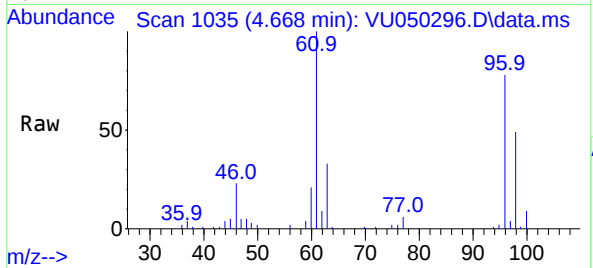
Tgt Ion: 96 Resp: 15446
Ion Ratio Lower Upper
96 100
61 149.7 92.3 171.5
98 62.4 43.2 80.2



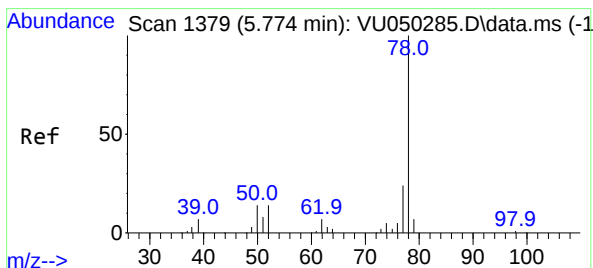
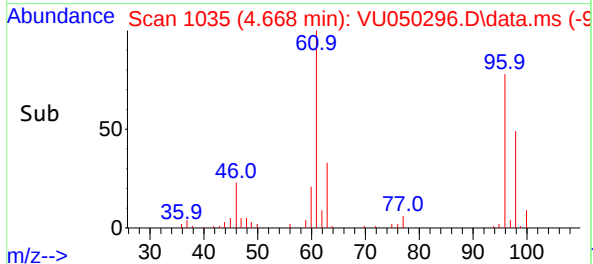
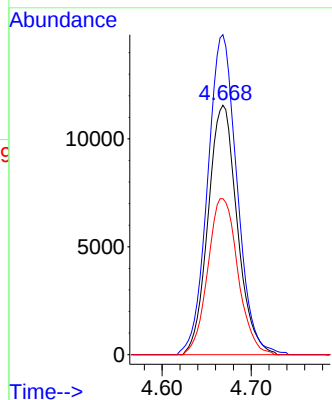


#22
cis-1,2-Dichloroethene
Concen: 4.720 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

Instrument :
MSVOA_U
ClientSampleId :

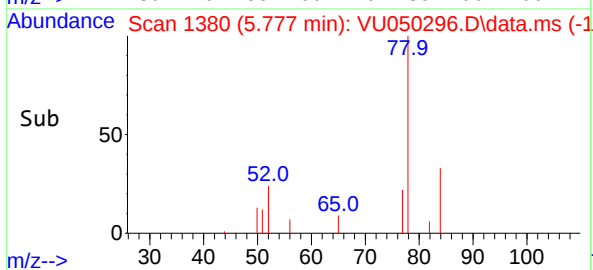
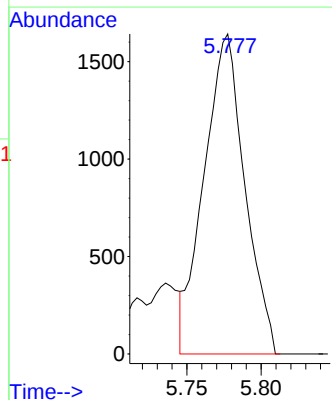
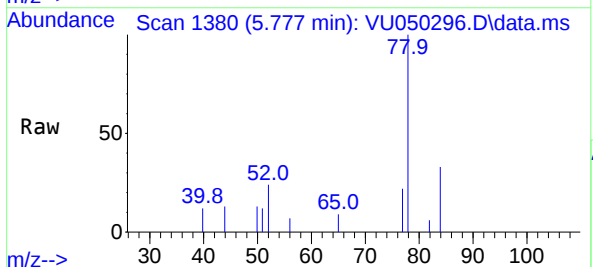


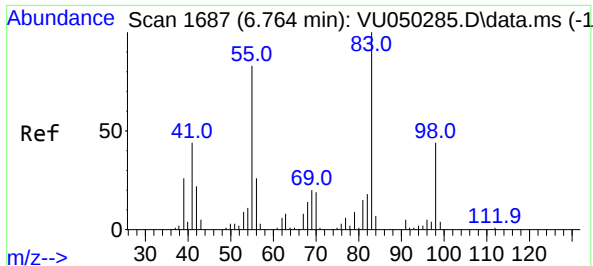
Tgt Ion: 96 Resp: 26304
Ion Ratio Lower Upper
96 100
61 128.3 89.0 165.4
98 62.6 45.2 84.0



#33
Benzene
Concen: 0.139 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

Tgt Ion: 78 Resp: 3133





#35

Methylcyclohexane

Concen: 1.139 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050296.D

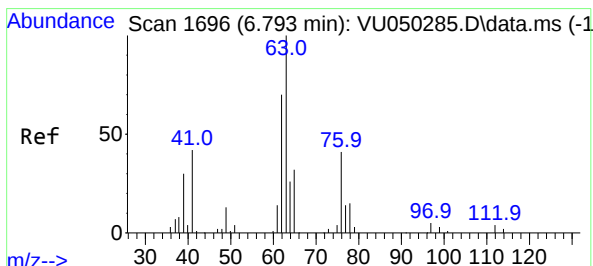
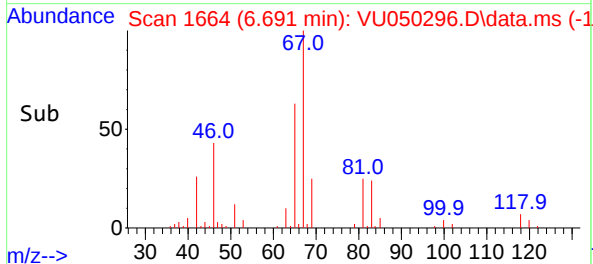
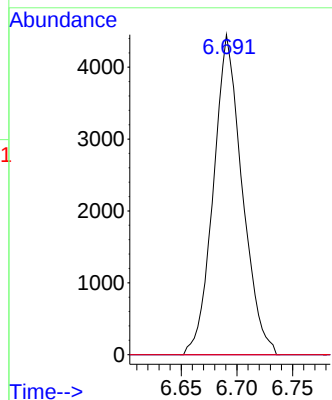
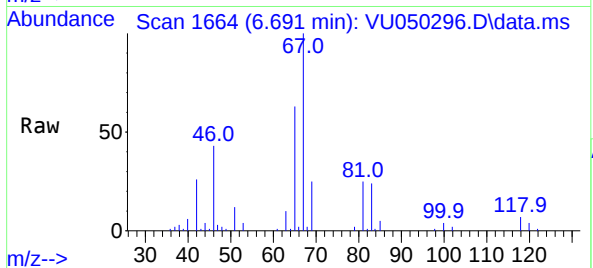
Acq: 12 Aug 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 8008
Ion Ratio	Lower Upper
83	100
55	0.9 62.7 94.1#
98	0.0 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.562 ug/L

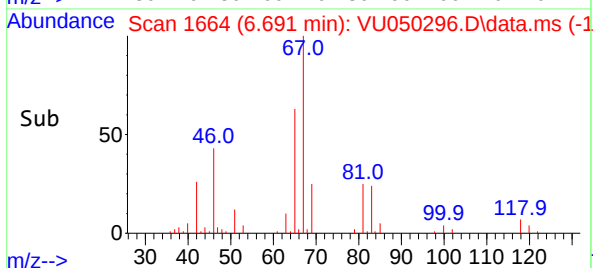
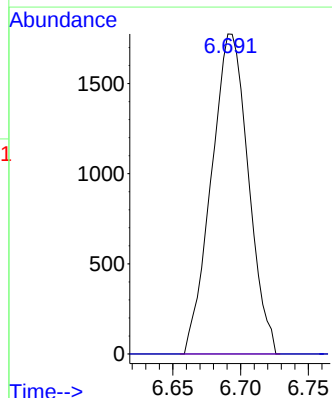
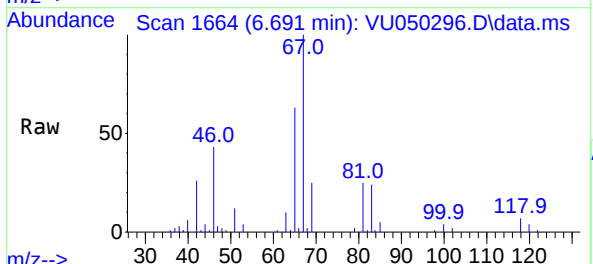
RT: 6.691 min Scan# 1664

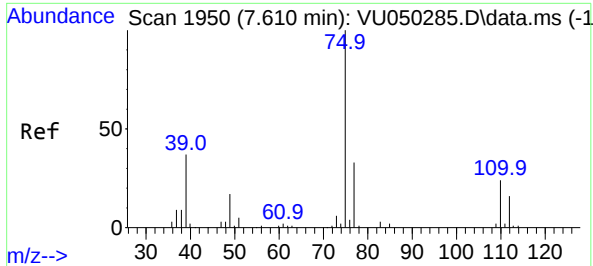
Delta R.T. -0.103 min

Lab File: VU050296.D

Acq: 12 Aug 2022 21:42

Tgt Ion: 63	Resp: 3372
Ion Ratio	Lower Upper
63	100
112	0.0 3.0 4.4#

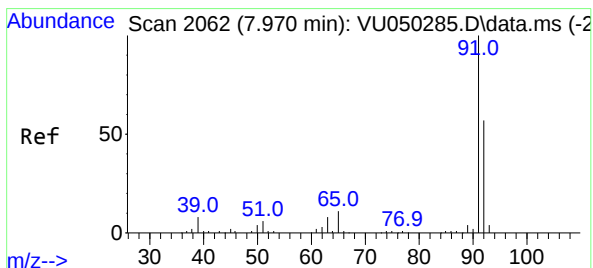
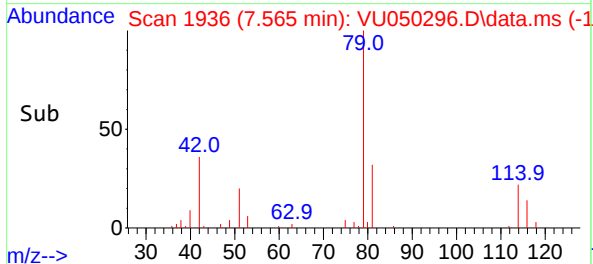
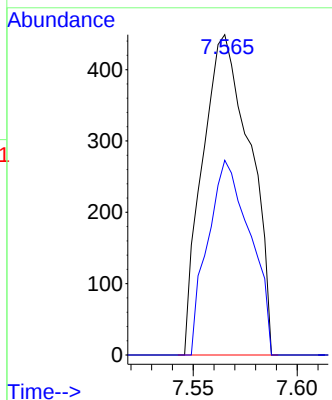
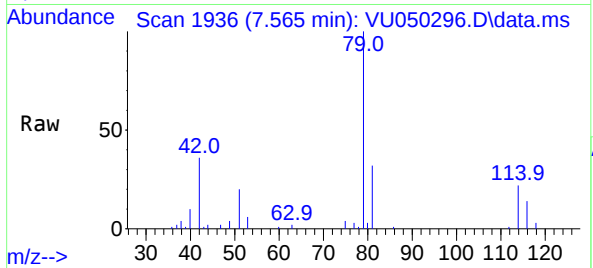




#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.565 min Scan# 1950
Delta R.T. -0.045 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

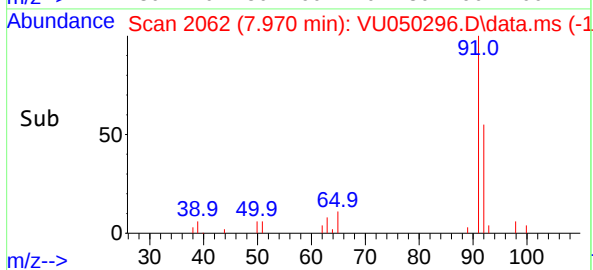
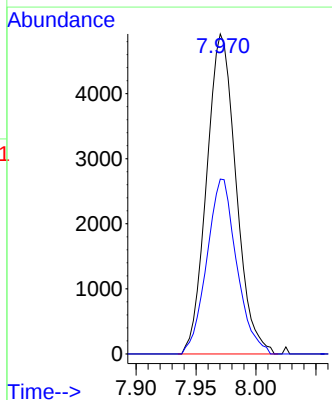
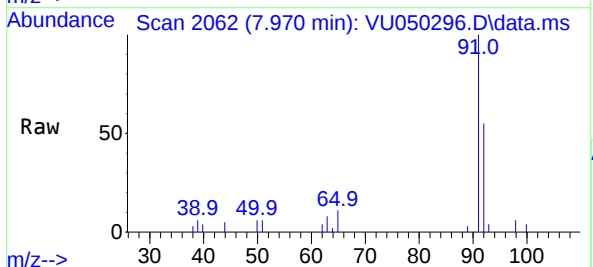
Instrument :
MSVOA_U
ClientSampleId :

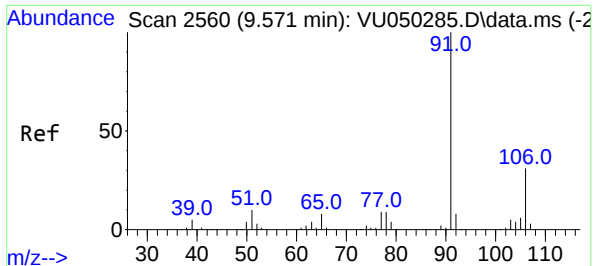
Tgt Ion: 75 Resp: 714
Ion Ratio Lower Upper
75 100
77 60.8 21.8 40.4#



#42
Toluene
Concen: 0.371 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

Tgt Ion: 91 Resp: 8381
Ion Ratio Lower Upper
91 100
92 54.6 39.8 74.0

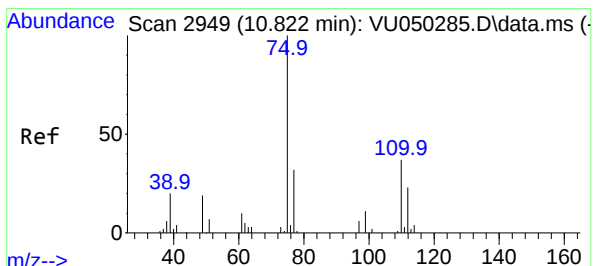
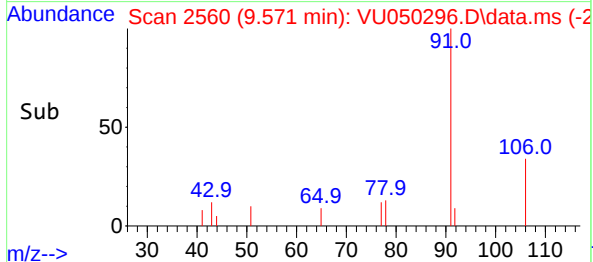
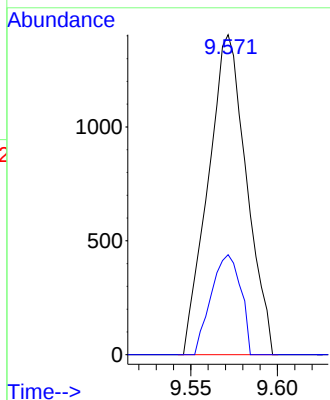
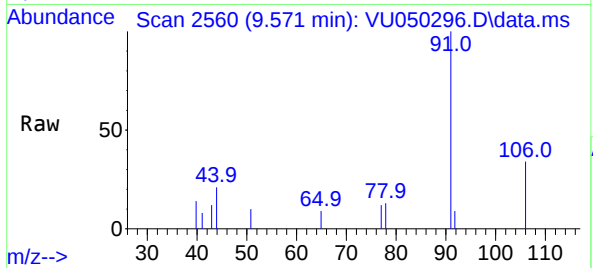




#52
Ethylbenzene
Concen: 0.098 ug/L
RT: 9.571 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

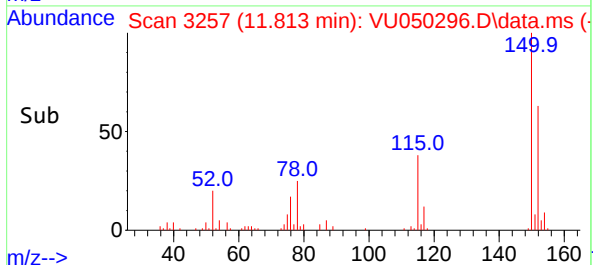
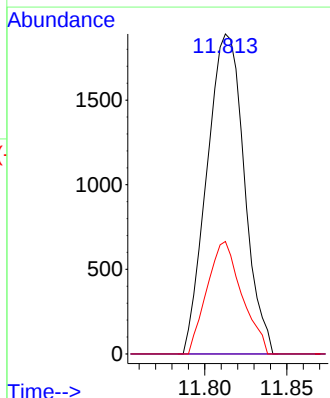
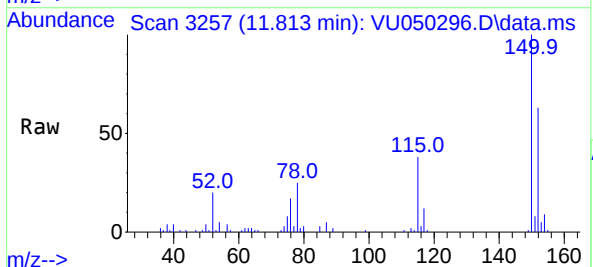
Instrument :
MSVOA_U
ClientSampleId :

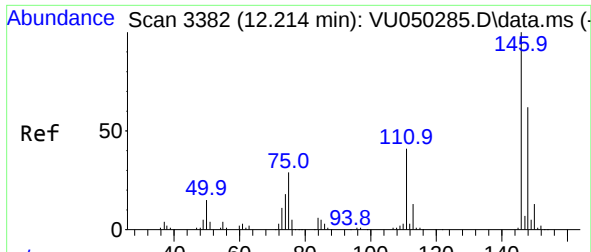
Tgt Ion: 91 Resp: 2159
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.5



#61
1,2,3-Trichloropropane
Concen: 0.874 ug/L
RT: 11.813 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

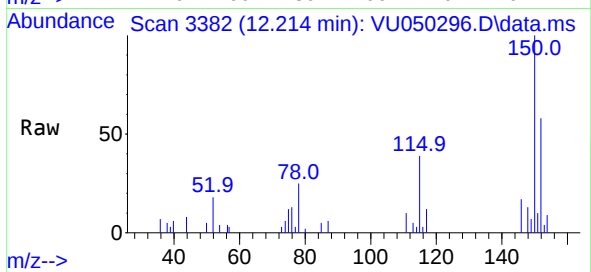
Tgt Ion: 75 Resp: 2988
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 32.8 25.8 38.6





#67
1,2-Dichlorobenzene
Concen: 0.157 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	146	Resp:	1283
Ion	Ratio	Lower	Upper
146	100		
111	55.3	32.9	49.3#
148	75.1	50.4	75.6

