

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050293.D
 Acq On : 12 Aug 2022 20:28
 Operator : SY/MD
 Sample : N4072-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 01:23:51 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)

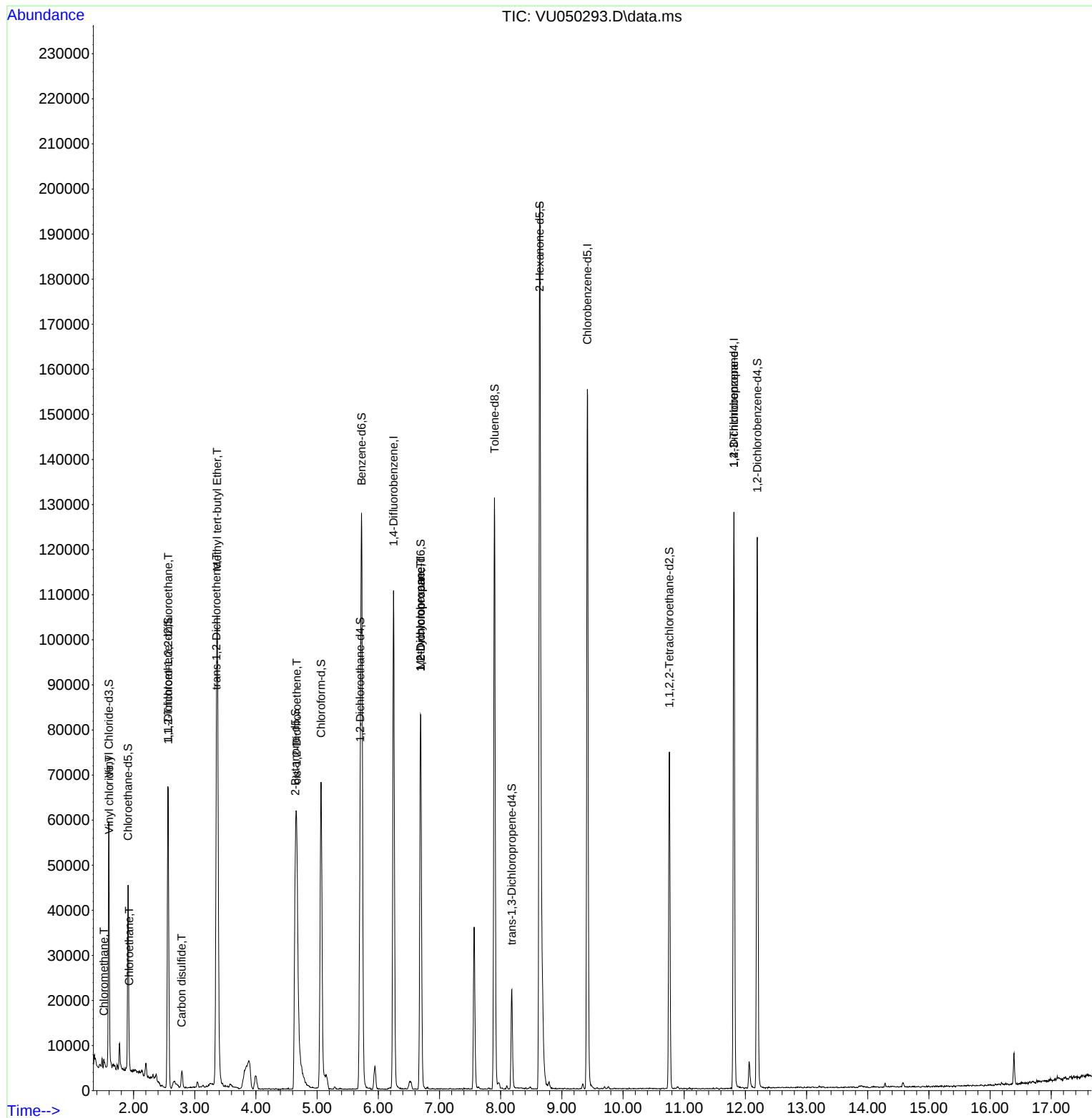
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87027	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	88375	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	35879	4.954	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.000%	
7) Chloroethane-d5	1.909	69	29653	5.075	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.562	65	12862	4.544	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	4.645	46	108291	61.315	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.640%	
24) Chloroform-d	5.063	84	65349	4.851	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.703	65	35220	5.092	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.729	84	119679	4.340	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.693	67	43085	4.744	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.899	98	90915	3.733	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
43) trans-1,3-Dichloroprop...	8.182	79	12997	3.994	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.639	63	65131	56.436	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.880%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38266	4.798	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	32825	4.736	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1470	0.141	ug/L	89
5) Vinyl chloride	1.600	62	4333	0.463	ug/L #	38
8) Chloroethane	1.925	64	463	0.084	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	348	0.061	ug/L #	40
14) Carbon disulfide	2.787	76	5558	0.259	ug/L	95
17) Methyl tert-butyl Ether	3.366	73	105087	6.693	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	6154	0.914	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	13435	1.797	ug/L	98
35) Methylcyclohexane	6.690	83	9635	0.997	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4319	0.524	ug/L #	90
61) 1,2,3-Trichloropropane	11.812	75	4234	0.879	ug/L #	67

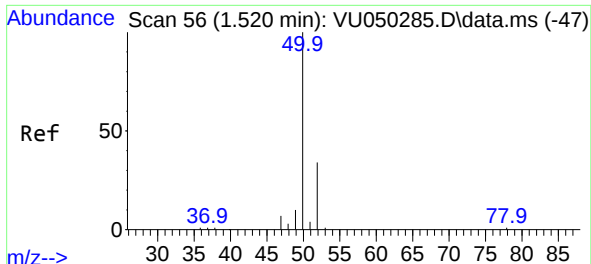
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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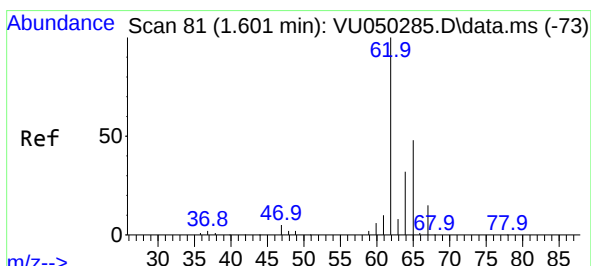
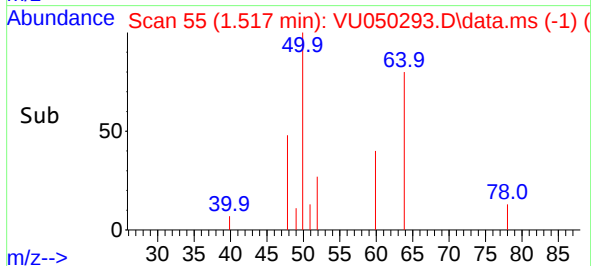
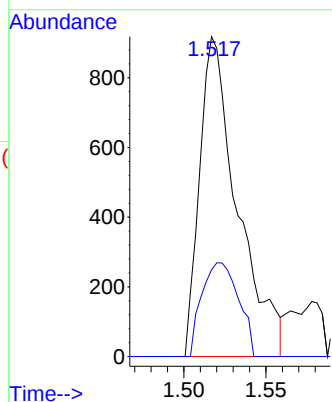
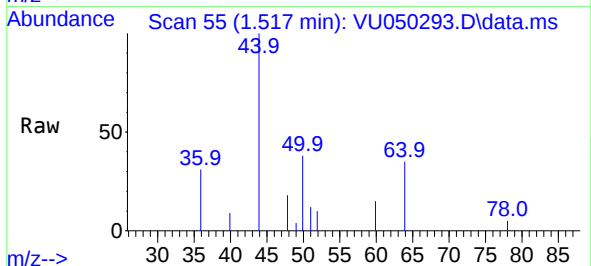




#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28

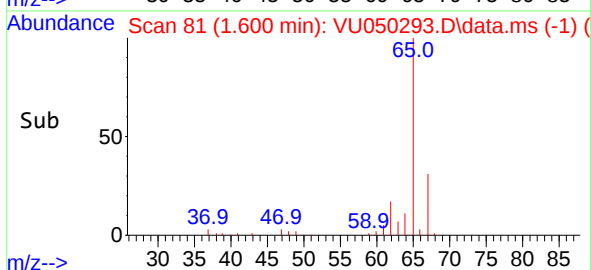
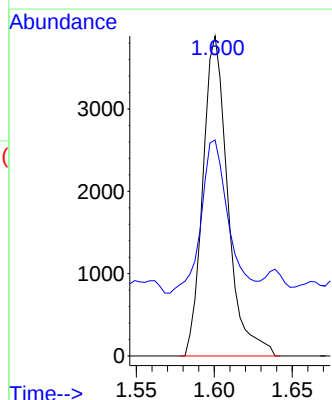
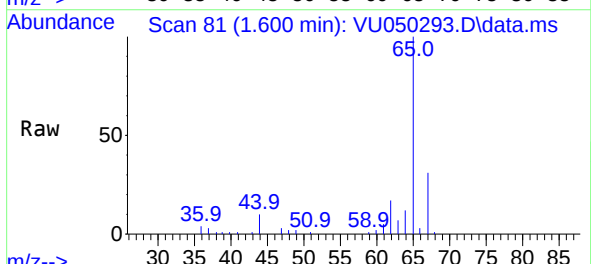
Instrument :
MSVOA_U
ClientSampleId :

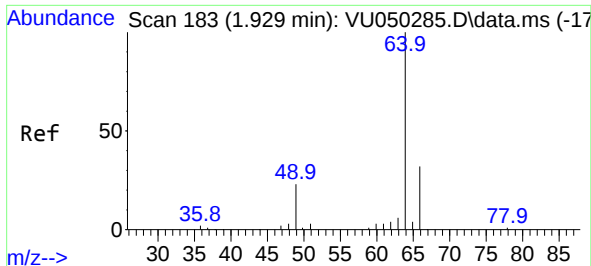
Tgt Ion: 50 Resp: 1470
Ion Ratio Lower Upper
50 100
52 27.1 23.2 43.2



#5
Vinyl chloride
Concen: 0.463 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28

Tgt Ion: 62 Resp: 4333
Ion Ratio Lower Upper
62 100
64 67.5 22.8 42.4#





#8

Chloroethane

Concen: 0.084 ug/L

RT: 1.925 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU050293.D

Acq: 12 Aug 2022 20:28

Instrument :

MSVOA_U

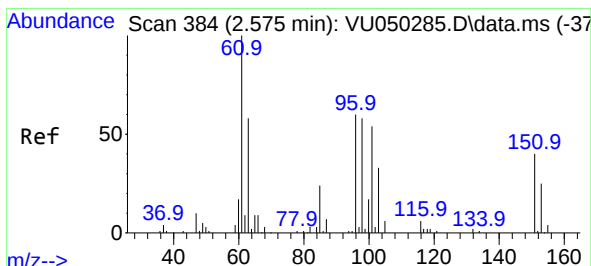
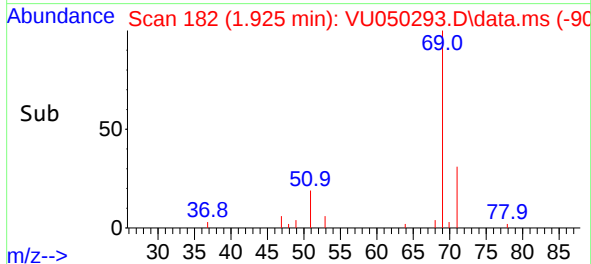
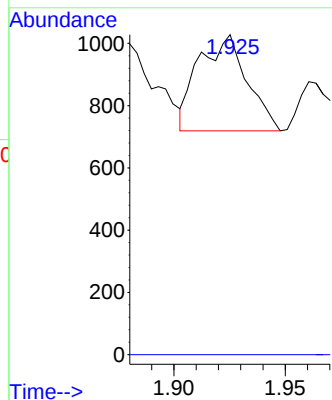
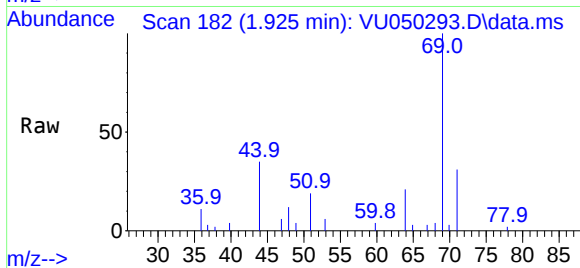
ClientSampleId :

Tgt Ion: 64 Resp: 463

Ion Ratio Lower Upper

64 100

66 0.0 22.8 42.4#



#10

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

Concen: 0.061 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU050293.D

Acq: 12 Aug 2022 20:28

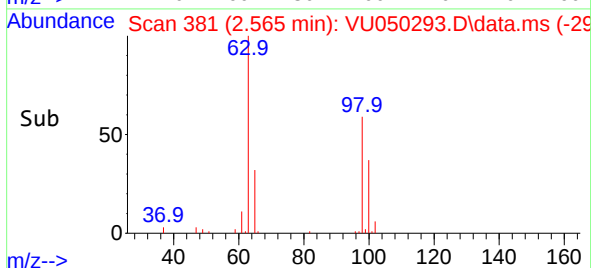
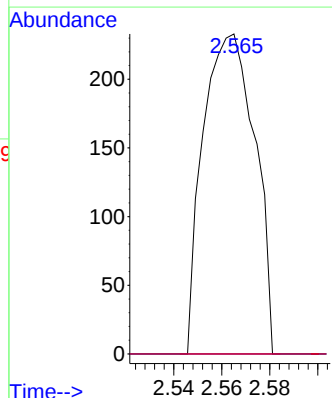
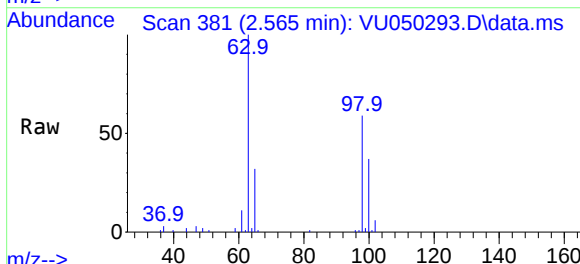
Tgt Ion:101 Resp: 348

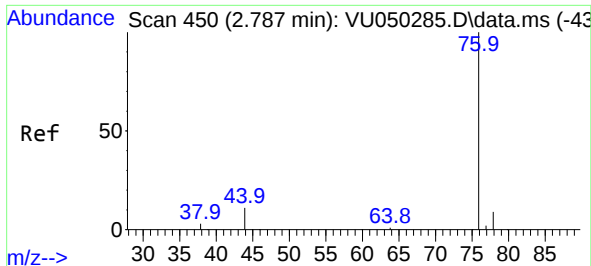
Ion Ratio Lower Upper

101 100

85 58.6 35.6 53.4#

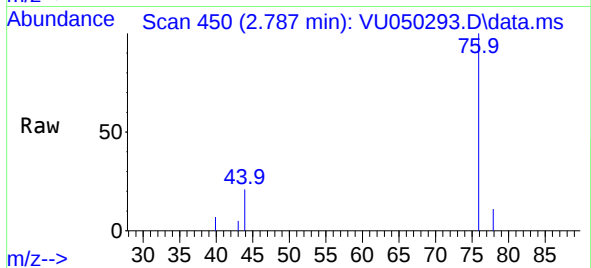
151 0.0 55.2 82.8#



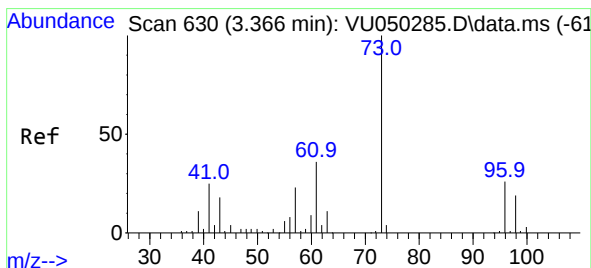
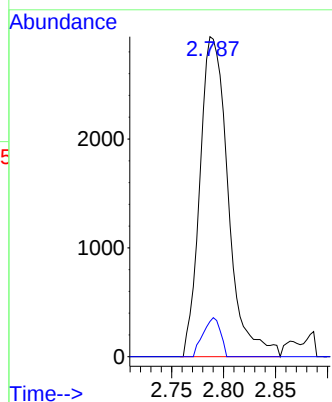
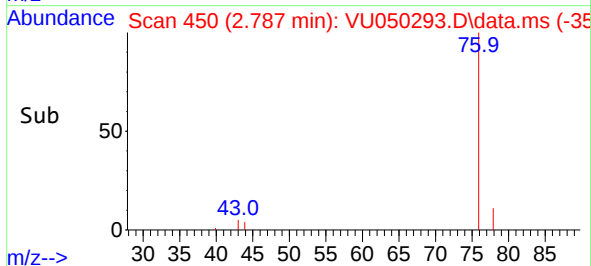


#14
Carbon disulfide
Concen: 0.259 ug/L
RT: 2.787 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28

Instrument :
MSVOA_U
ClientSampleId :

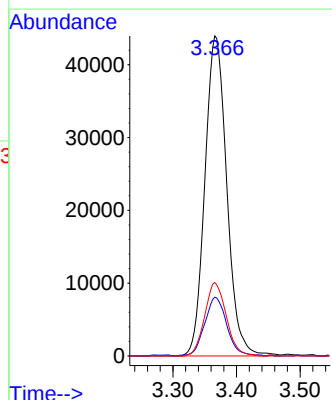
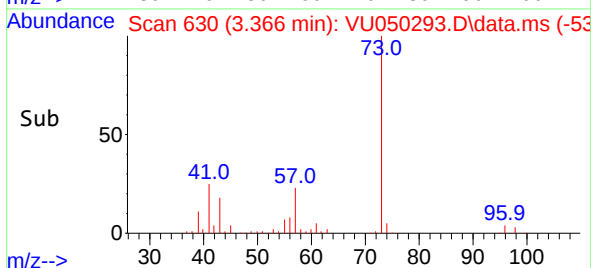
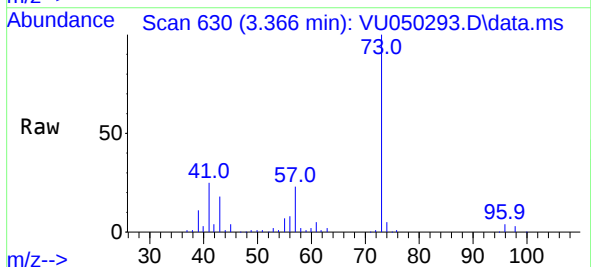


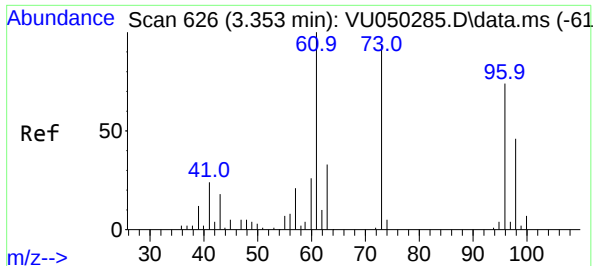
Tgt Ion: 76 Resp: 5558
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0



#17
Methyl tert-butyl Ether
Concen: 6.693 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28

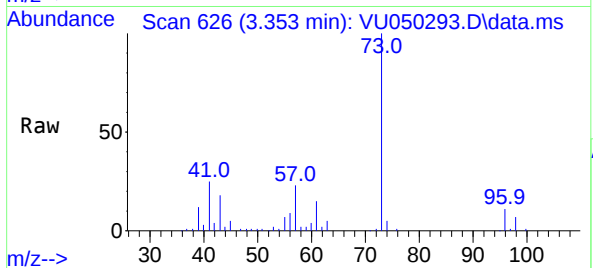
Tgt Ion: 73 Resp: 105087
Ion Ratio Lower Upper
73 100
43 18.6 13.5 20.3
57 22.6 17.4 26.2



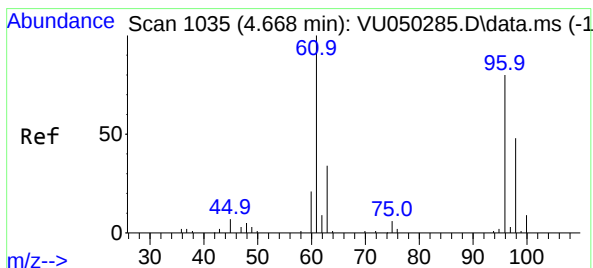
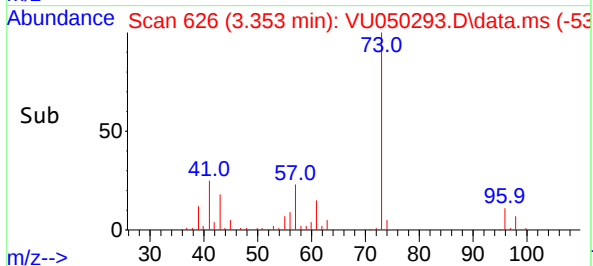
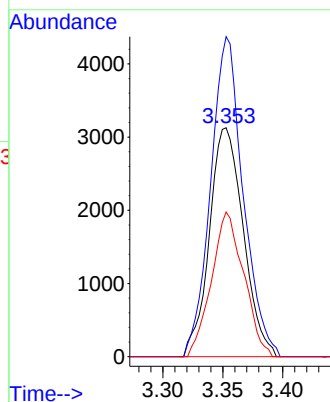


#18
trans-1,2-Dichloroethene
Concen: 0.914 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28

Instrument :
MSVOA_U
ClientSampleId :

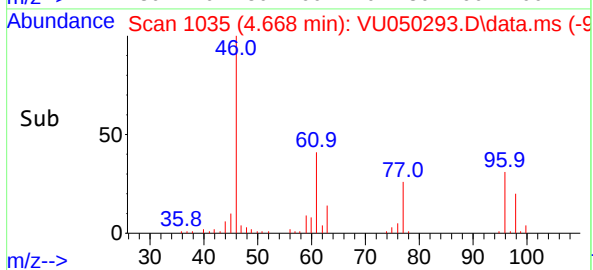
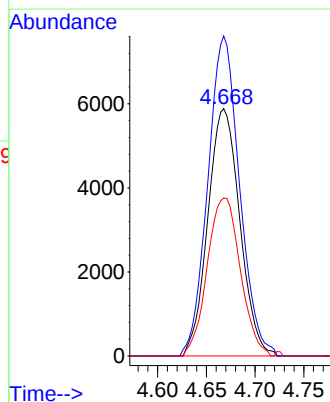
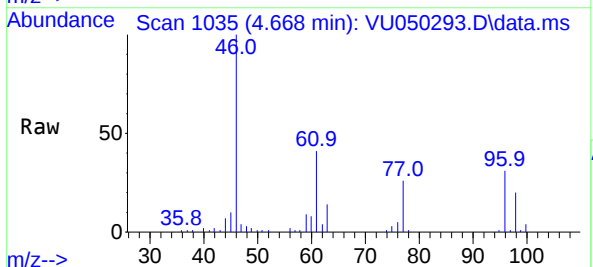


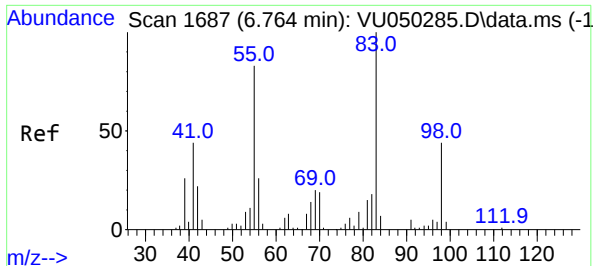
Tgt Ion: 96 Resp: 6154
Ion Ratio Lower Upper
96 100
61 139.7 92.3 171.5
98 63.2 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 1.797 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28

Tgt Ion: 96 Resp: 13435
Ion Ratio Lower Upper
96 100
61 129.4 89.0 165.4
98 63.9 45.2 84.0





#35

Methylcyclohexane

Concen: 0.997 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050293.D

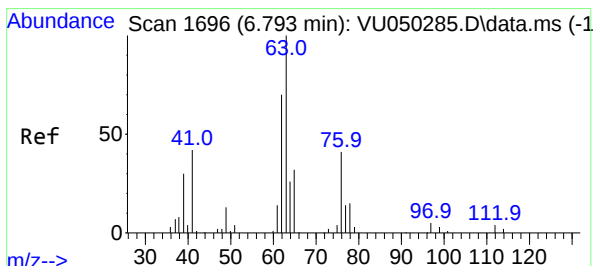
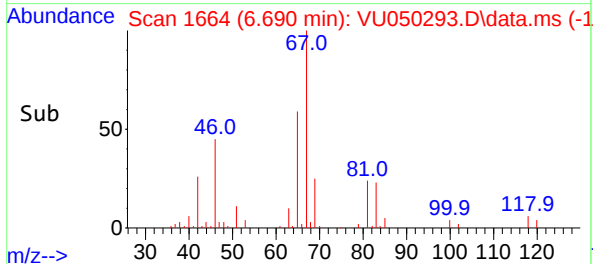
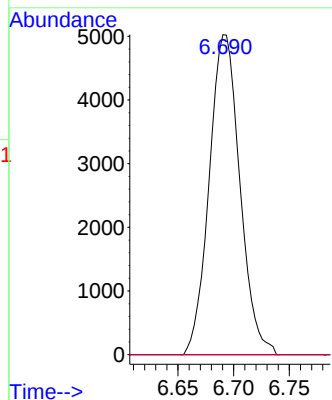
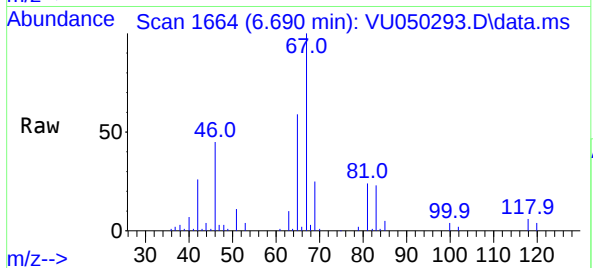
Acq: 12 Aug 2022 20:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9635
Ion Ratio	Lower	Upper
83	100	
55	1.0	62.7 94.1#
98	0.0	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.524 ug/L

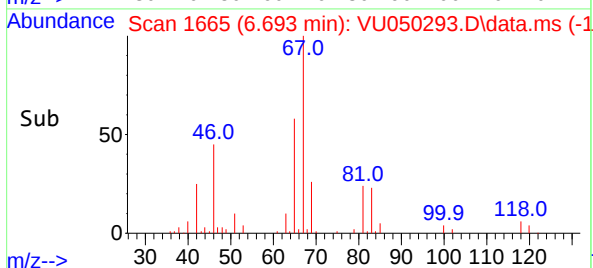
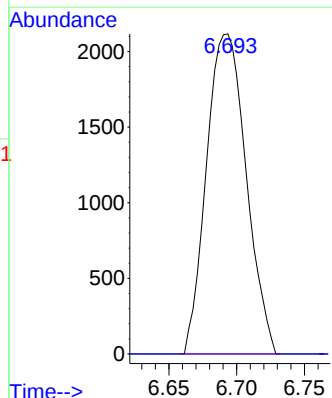
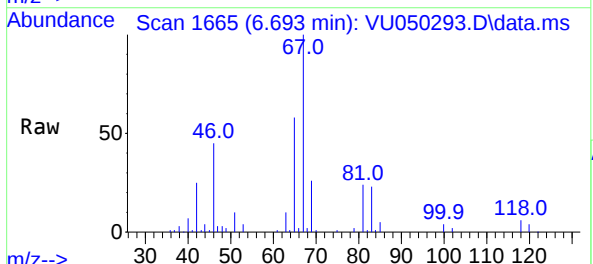
RT: 6.693 min Scan# 1665

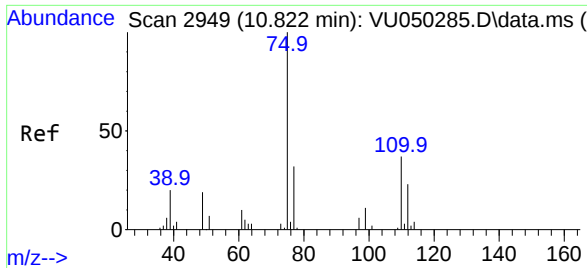
Delta R.T. -0.100 min

Lab File: VU050293.D

Acq: 12 Aug 2022 20:28

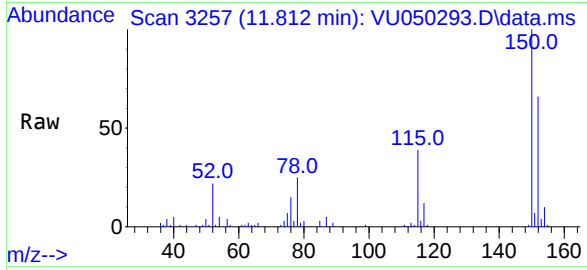
Tgt Ion: 63	Resp:	4319
Ion Ratio	Lower	Upper
63	100	
112	0.4	3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.879 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050293.D
 Acq: 12 Aug 2022 20:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4234
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 31.1 25.8 38.6

