

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
 Data File : VU043797.D
 Acq On : 17 May 2021 17:48
 Operator : SY/MD
 Sample : M2396-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 18 03:12:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

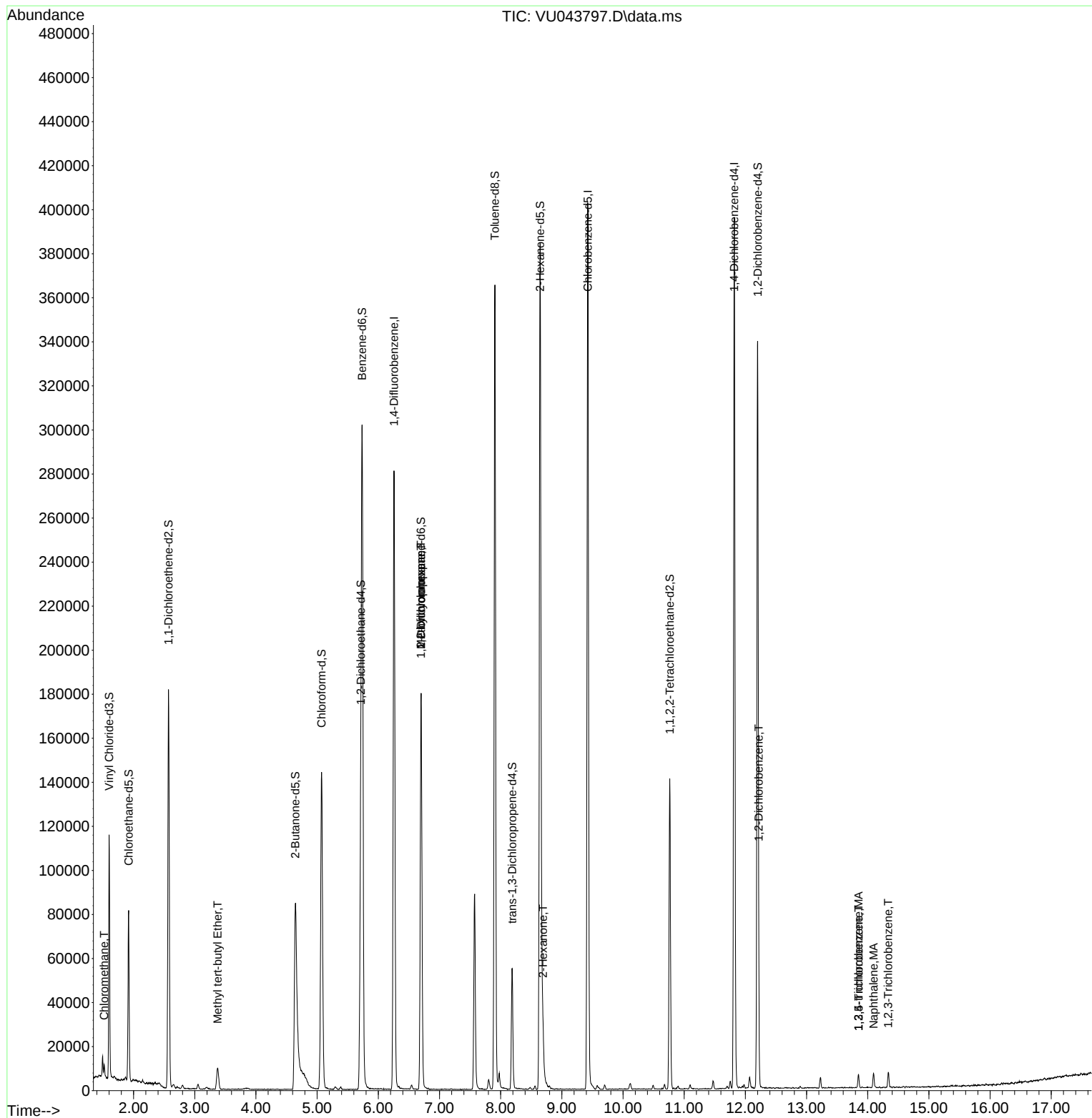
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	234744	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	234152	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	110240	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	77440	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.919	69	55818	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.572	65	33859	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.646	46	164180	49.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.78%
24) Chloroform-d	5.073	84	134984	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.713	65	70121	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.736	84	289109	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.700	67	90242	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.906	98	245476	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloroprop...	8.189	79	31185	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.645	63	148989	47.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71143	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	95119	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	4140	0.21	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	10573	0.30	ug/L	98
35) Methylcyclohexane	6.700	83	20446	0.76	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	8780	0.50	ug/L #	90
48) 2-Hexanone	8.694	43	10100	1.21	ug/L	94
67) 1,2-Dichlorobenzene	12.218	146	1942	0.06	ug/L #	92
69) 1,3,5-Trichlorobenzene	13.851	180	2375	0.10	ug/L	95
70) 1,2,4-trichlorobenzene	13.851	180	2375	0.12	ug/L	96
71) Naphthalene	14.095	128	5902	0.16	ug/L	96
72) 1,2,3-Trichlorobenzene	14.336	180	2744	0.14	ug/L	98

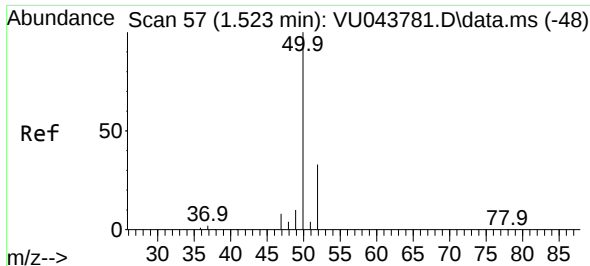
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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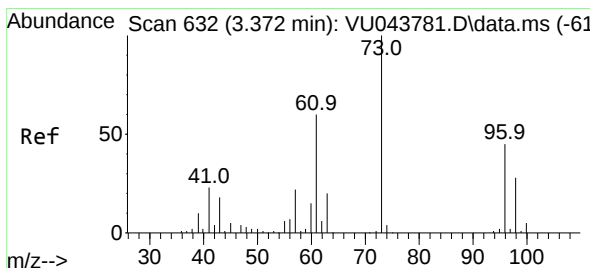
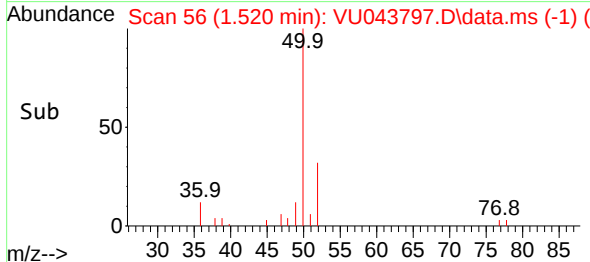
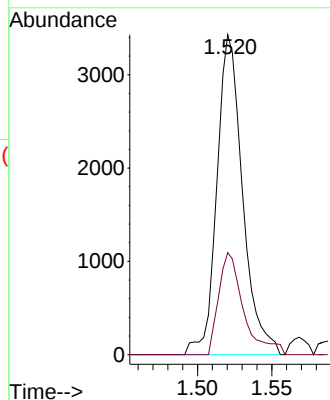
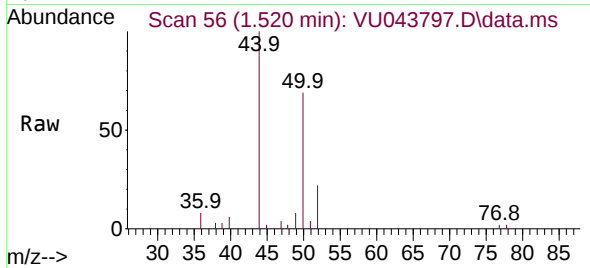




#3
Chloromethane
Concen: 0.21 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043797.D
Acq: 17 May 2021 17:48

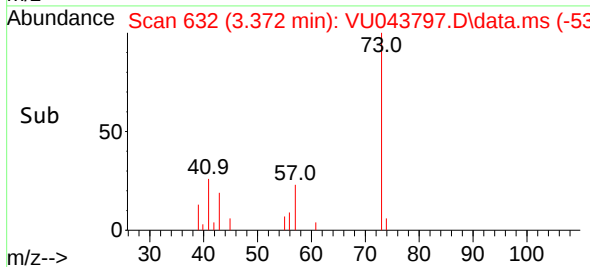
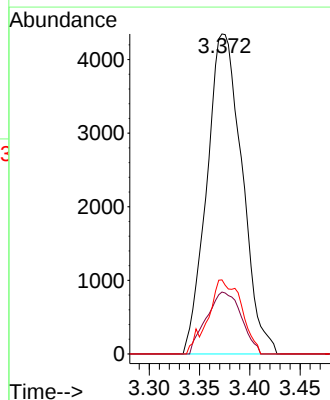
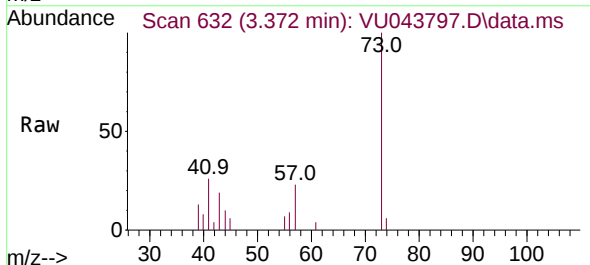
Instrument :
MSVOA_U
ClientSampleId :

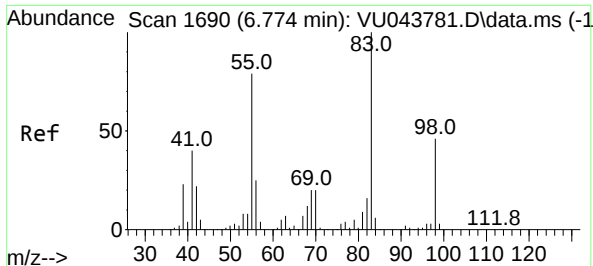
Tgt Ion: 50 Resp: 4140
Ion Ratio Lower Upper
50 100
52 31.9 23.2 43.2



#17
Methyl tert-butyl Ether
Concen: 0.30 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU043797.D
Acq: 17 May 2021 17:48

Tgt Ion: 73 Resp: 10573
Ion Ratio Lower Upper
73 100
43 19.2 15.0 22.4
57 22.0 18.6 27.8





#35

Methylcyclohexane

Concen: 0.76 ug/L

RT: 6.700 min Scan# 1667

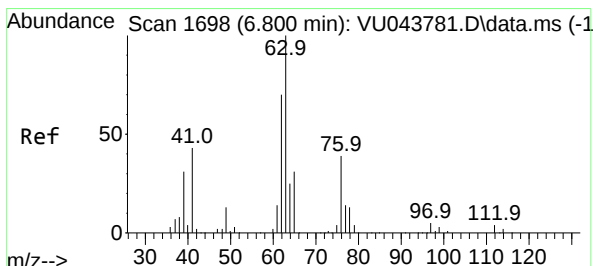
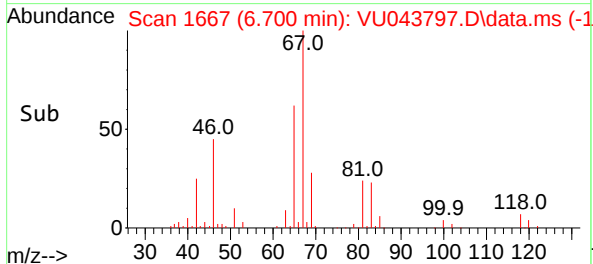
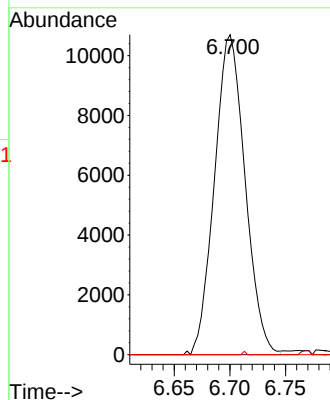
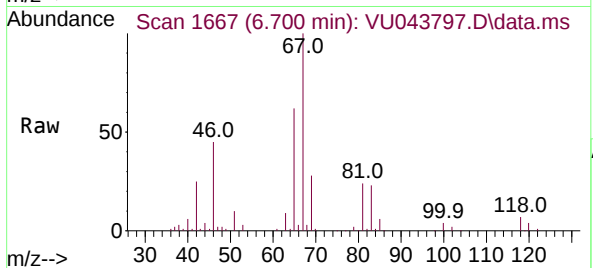
Delta R.T. -0.071 min

Lab File: VU043797.D

Acq: 17 May 2021 17:48

Tgt Ion:	83	Resp:	20446
Ion Ratio	Lower	Upper	
83	100		
55	0.3	64.8	97.2#
98	0.1	35.9	53.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.50 ug/L

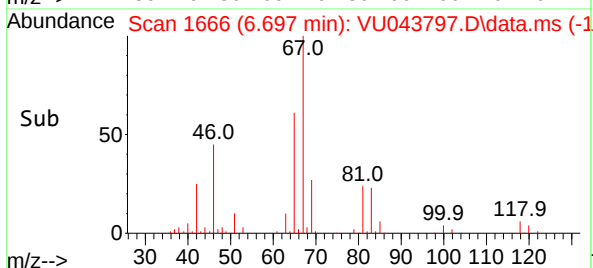
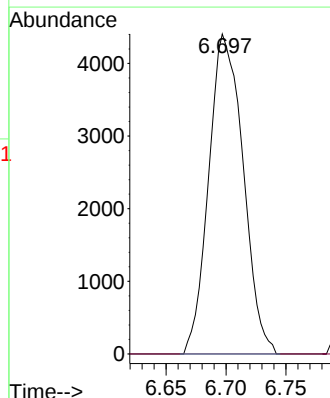
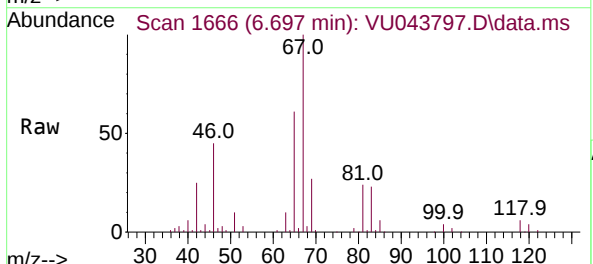
RT: 6.697 min Scan# 1666

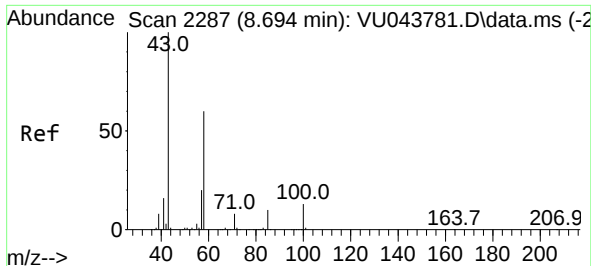
Delta R.T. -0.103 min

Lab File: VU043797.D

Acq: 17 May 2021 17:48

Tgt Ion:	63	Resp:	8780
Ion Ratio	Lower	Upper	
63	100		
112	0.7	3.3	4.9#

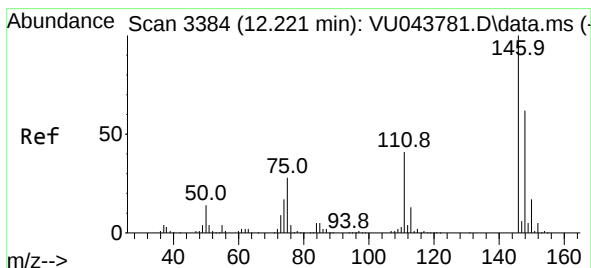
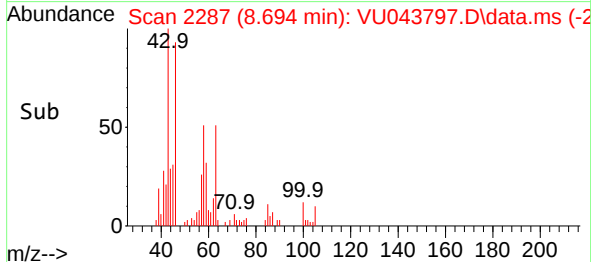
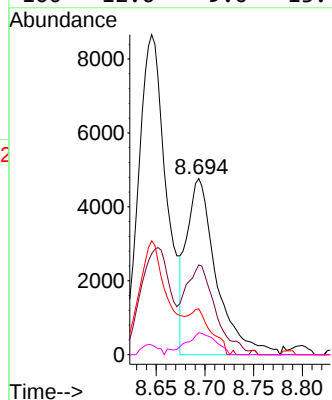
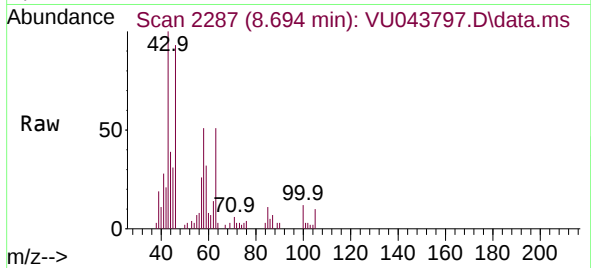




#48
2-Hexanone
Concen: 1.21 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043797.D
Acq: 17 May 2021 17:48

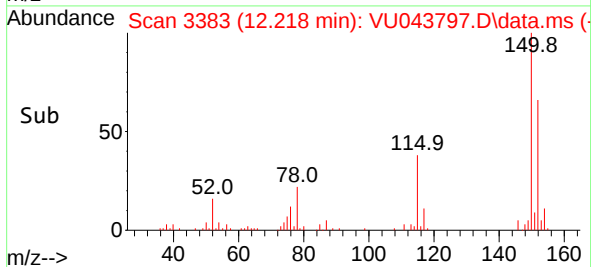
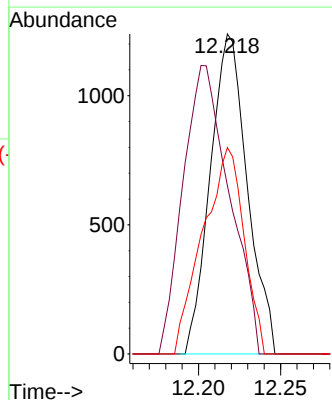
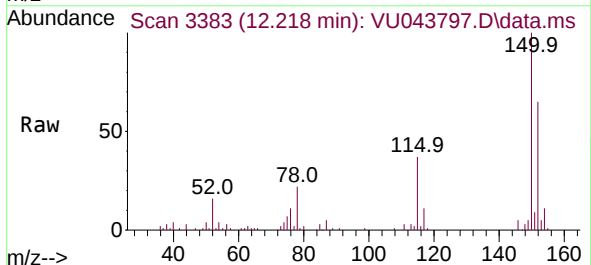
Instrument :
MSVOA_U
ClientSampleId :

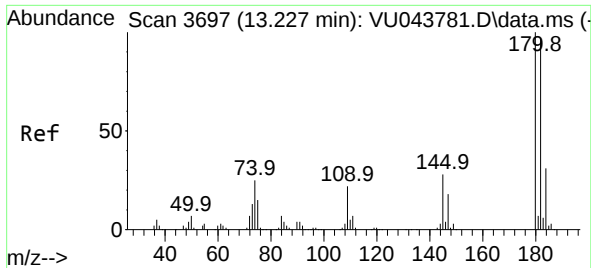
Tgt Ion: 43	Resp: 10100
Ion Ratio	Lower Upper
43 100	
58 53.3	47.0 70.4
57 18.7	15.8 23.8
100 12.6	9.0 13.4



#67
1,2-Dichlorobenzene
Concen: 0.06 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU043797.D
Acq: 17 May 2021 17:48

Tgt Ion: 146	Resp: 1942
Ion Ratio	Lower Upper
146 100	
111 52.6	33.6 50.4#
148 64.5	50.2 75.2

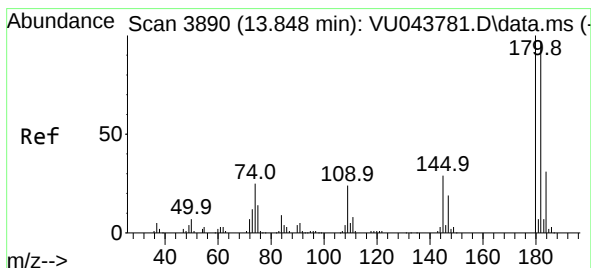
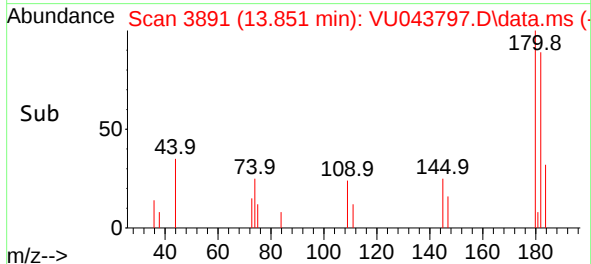
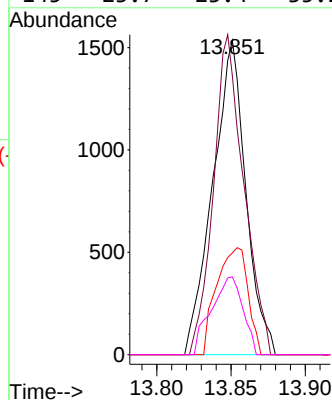
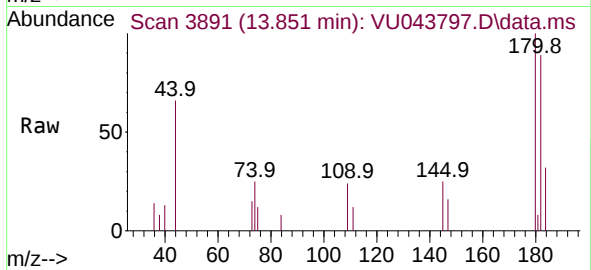




#69
1,3,5-Trichlorobenzene
Concen: 0.10 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.624 min
Lab File: VU043797.D
Acq: 17 May 2021 17:48

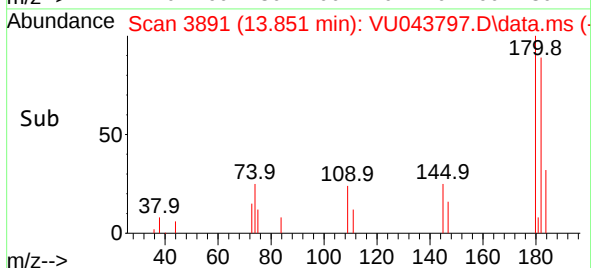
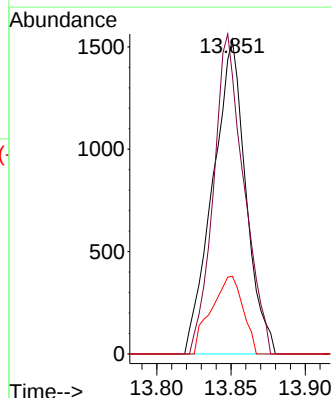
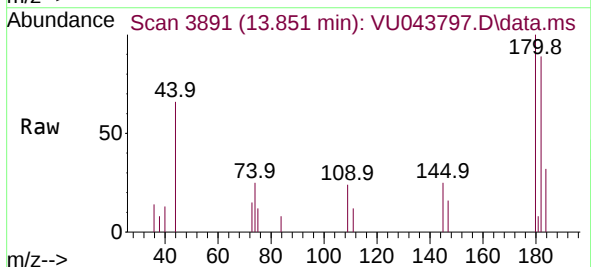
Instrument :
MSVOA_U
ClientSampled :

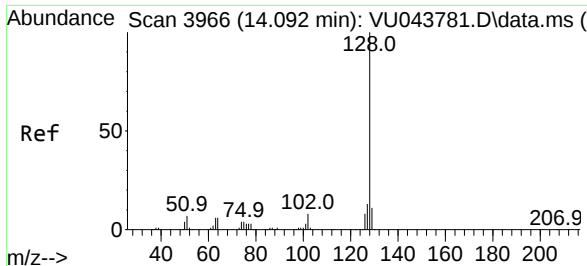
Tgt Ion:	180	Resp:	2375
Ion Ratio	Lower	Upper	
180	100		
182	93.4	78.2	117.2
184	32.1	24.8	37.2
145	23.7	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 0.12 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU043797.D
Acq: 17 May 2021 17:48

Tgt Ion:	180	Resp:	2375
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.9	115.3
145	23.7	23.0	34.4

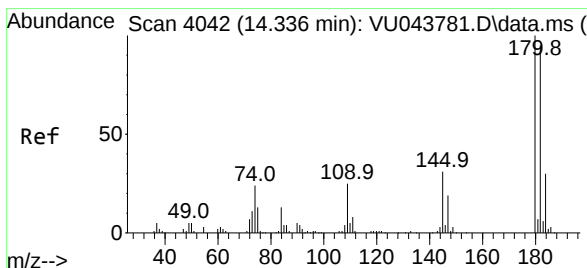
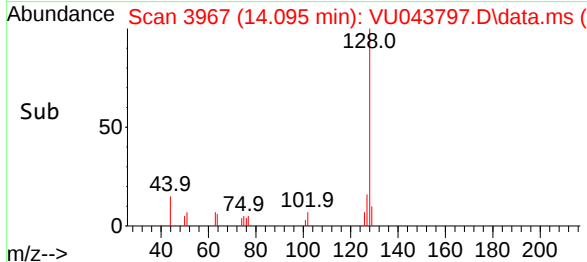
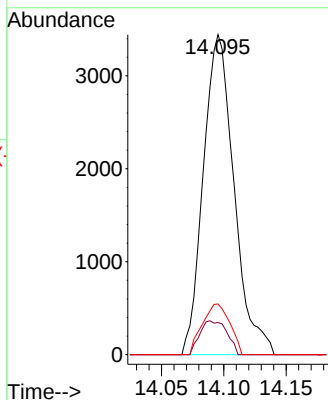
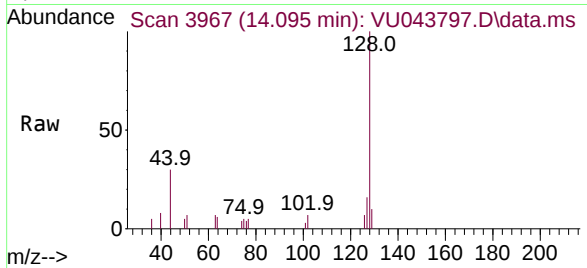




#71
Naphthalene
Concen: 0.16 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043797.D
Acq: 17 May 2021 17:48

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 5902
Ion Ratio Lower Upper
128 100
129 9.3 8.7 13.1
127 14.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.14 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043797.D
Acq: 17 May 2021 17:48

Tgt Ion:180 Resp: 2744
Ion Ratio Lower Upper
180 100
182 93.8 77.0 115.4
145 31.0 24.6 36.8

