

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043815.D
 Acq On : 18 May 2021 15:53
 Operator : SY/MD
 Sample : M2444-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:42:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

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

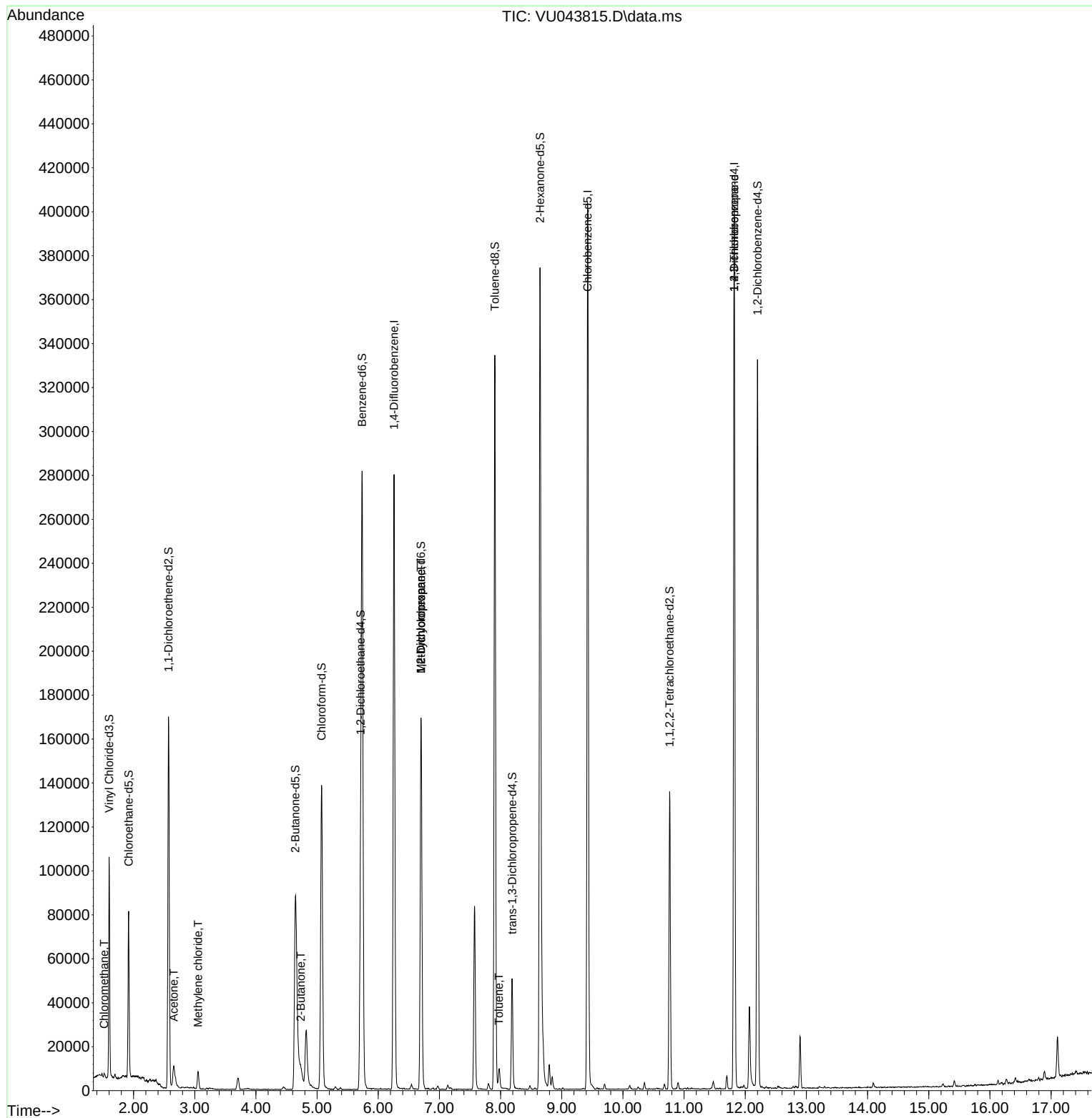
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	232960	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	234927	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	113093	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70428	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.919	69	52360	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.572	65	31119	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.645	46	180799	55.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.72%
24) Chloroform-d	5.073	84	131077	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.713	65	65437	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.735	84	269803	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.700	67	85042	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.906	98	226228	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloroprop...	8.189	79	28599	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.645	63	139863	43.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	67272	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	93050	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1680	0.08	ug/L	100
13) Acetone	2.655	43	16741	8.07	ug/L	100
16) Methylene chloride	3.054	84	3580	0.16	ug/L	97
21) 2-Butanone	4.732	43	7371	1.86	ug/L	97
35) Methylcyclohexane	6.700	83	19425	0.72	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8536	0.48	ug/L #	88
42) Toluene	7.973	91	6882	0.10	ug/L	91
61) 1,2,3-Trichloropropane	11.819	75	12562	1.16	ug/L #	69

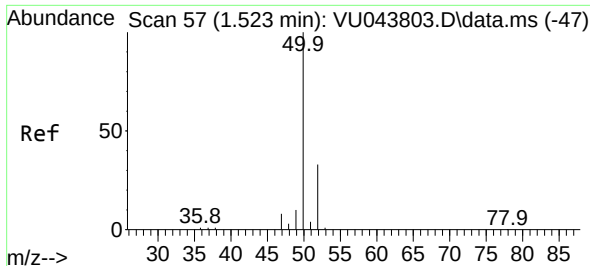
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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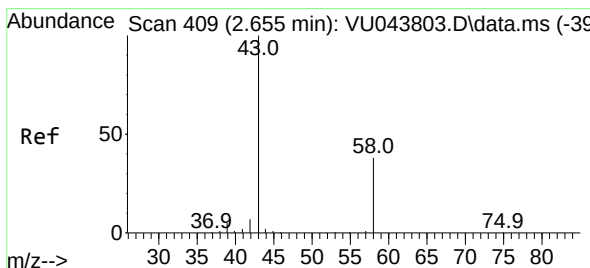
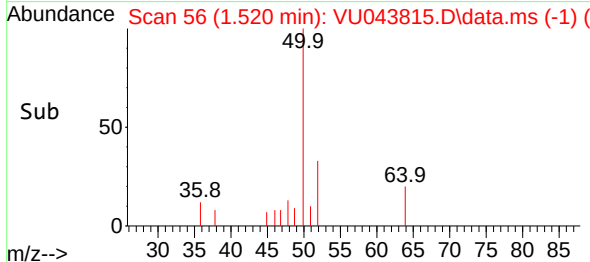
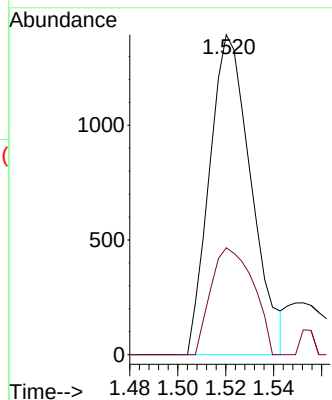
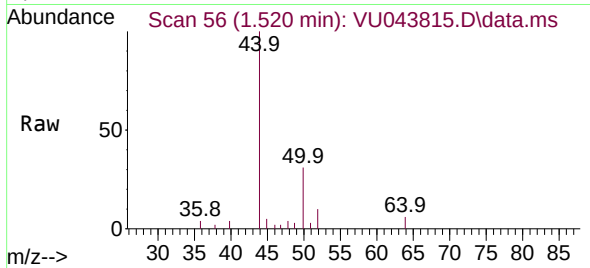




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043815.D
Acq: 18 May 2021 15:53

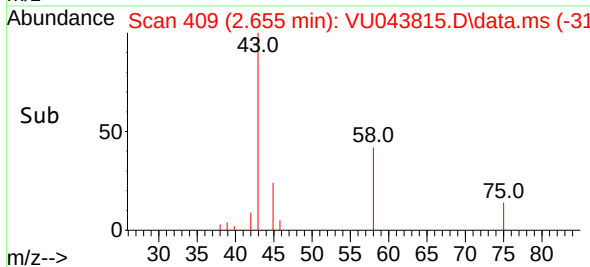
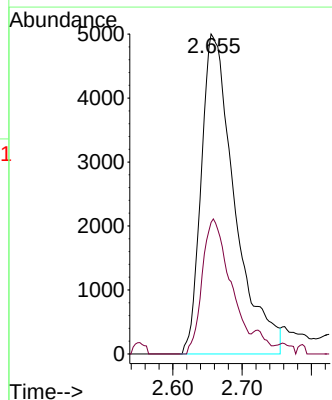
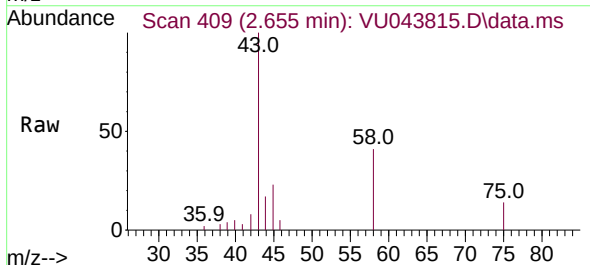
Instrument :
MSVOA_U
ClientSampled :

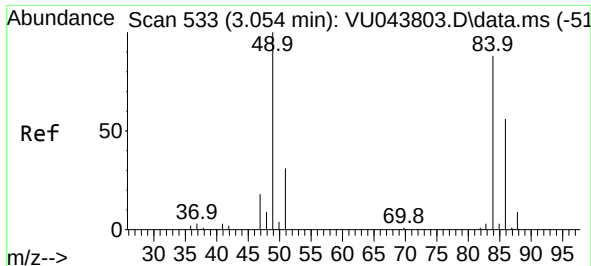
Tgt Ion: 50 Resp: 1680
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2



#13
Acetone
Concen: 8.07 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.000 min
Lab File: VU043815.D
Acq: 18 May 2021 15:53

Tgt Ion: 43 Resp: 16741
Ion Ratio Lower Upper
43 100
58 35.6 0.0 71.6

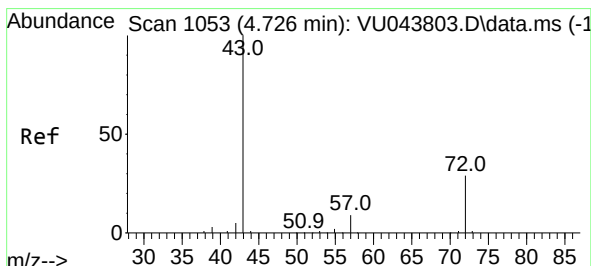
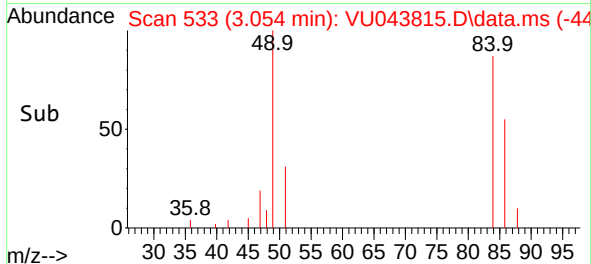
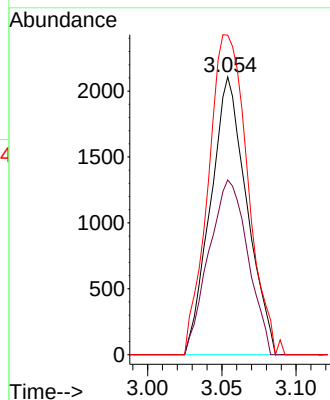
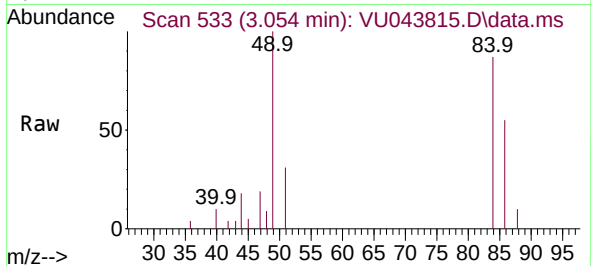




#16
Methylene chloride
Concen: 0.16 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043815.D
Acq: 18 May 2021 15:53

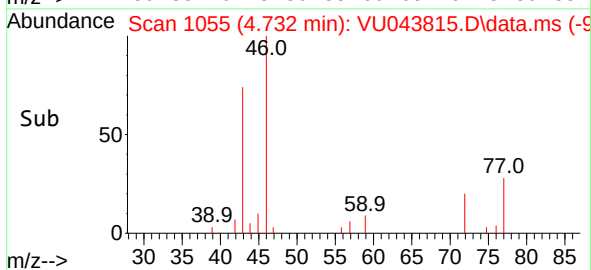
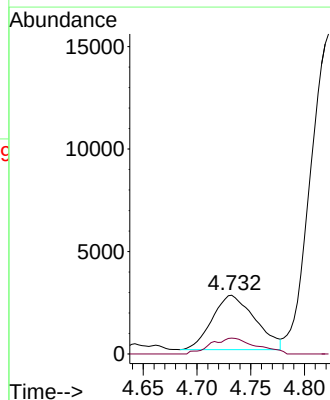
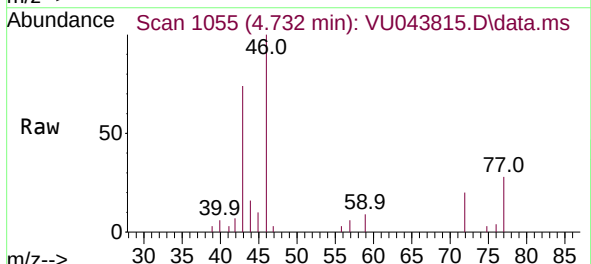
Instrument :
MSVOA_U
ClientSampleId :

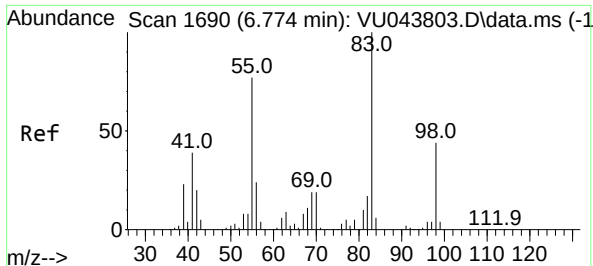
Tgt Ion: 84 Resp: 3580
Ion Ratio Lower Upper
84 100
86 62.9 44.7 82.9
49 115.1 83.1 154.3



#21
2-Butanone
Concen: 1.86 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VU043815.D
Acq: 18 May 2021 15:53

Tgt Ion: 43 Resp: 7371
Ion Ratio Lower Upper
43 100
72 30.7 14.5 43.6





#35

Methylcyclohexane

Concen: 0.72 ug/L

RT: 6.700 min Scan# 1667

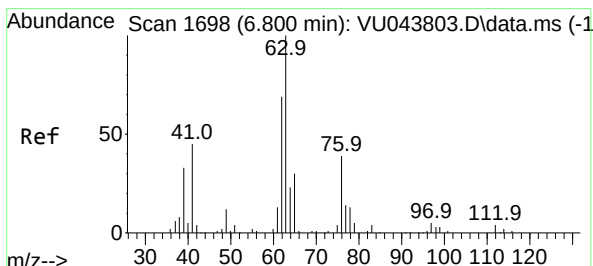
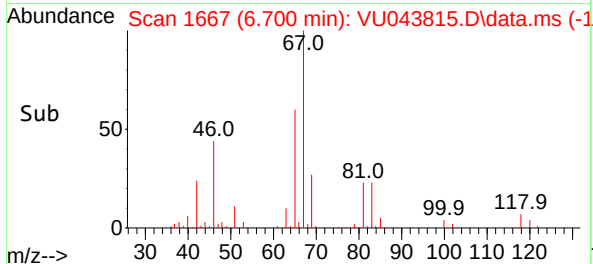
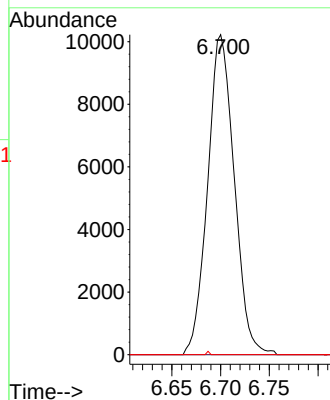
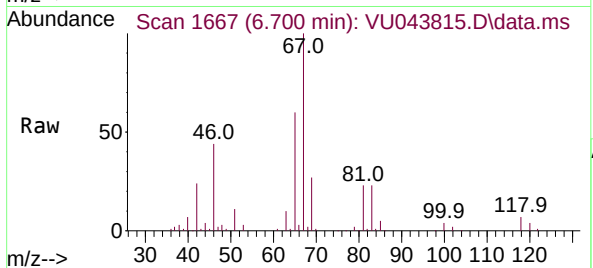
Delta R.T. -0.074 min

Lab File: VU043815.D

Acq: 18 May 2021 15:53

Tgt Ion:	83	Resp:	19425
Ion Ratio	Lower	Upper	
83	100		
55	0.0	64.8	97.2#
98	0.1	35.9	53.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.48 ug/L

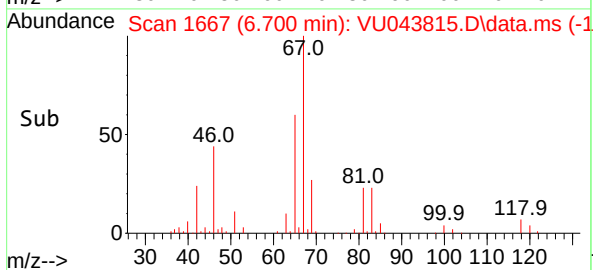
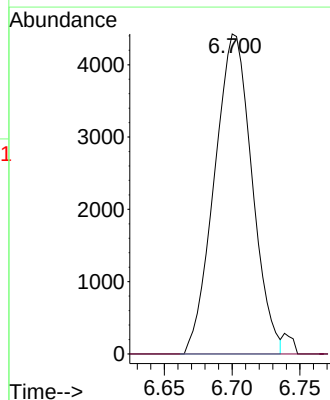
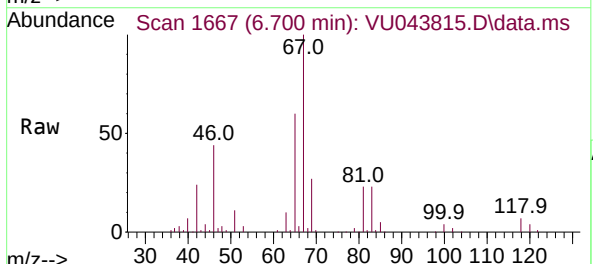
RT: 6.700 min Scan# 1667

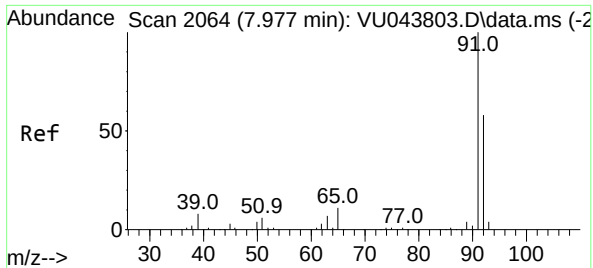
Delta R.T. -0.100 min

Lab File: VU043815.D

Acq: 18 May 2021 15:53

Tgt Ion:	63	Resp:	8536
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#

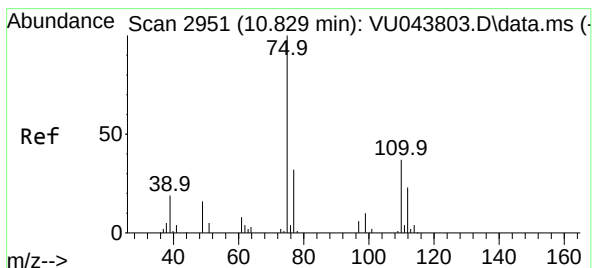
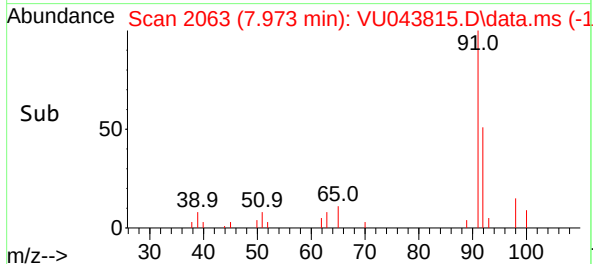
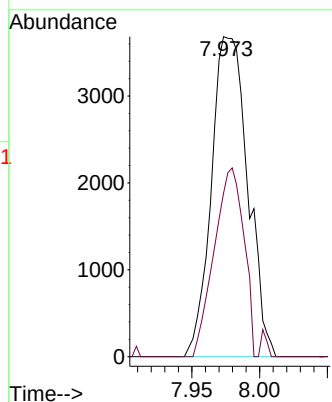
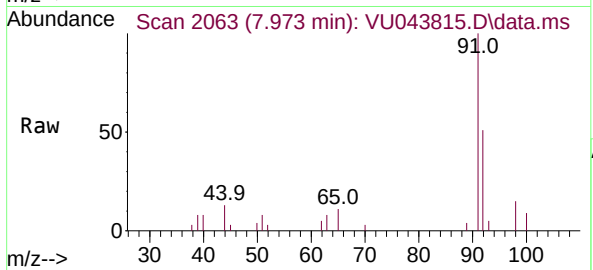




#42
Toluene
Concen: 0.10 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043815.D
Acq: 18 May 2021 15:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 6882
Ion Ratio Lower Upper
91 100
92 51.1 40.3 74.8



#61
1,2,3-Trichloropropane
Concen: 1.16 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043815.D
Acq: 18 May 2021 15:53

Tgt Ion: 75 Resp: 12562
Ion Ratio Lower Upper
75 100
110 1.3 27.9 41.9#
77 31.0 25.9 38.9

