

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043629.D
 Acq On : 10 May 2021 11:29
 Operator : SY/MD
 Sample : M2271-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 03:58:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

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

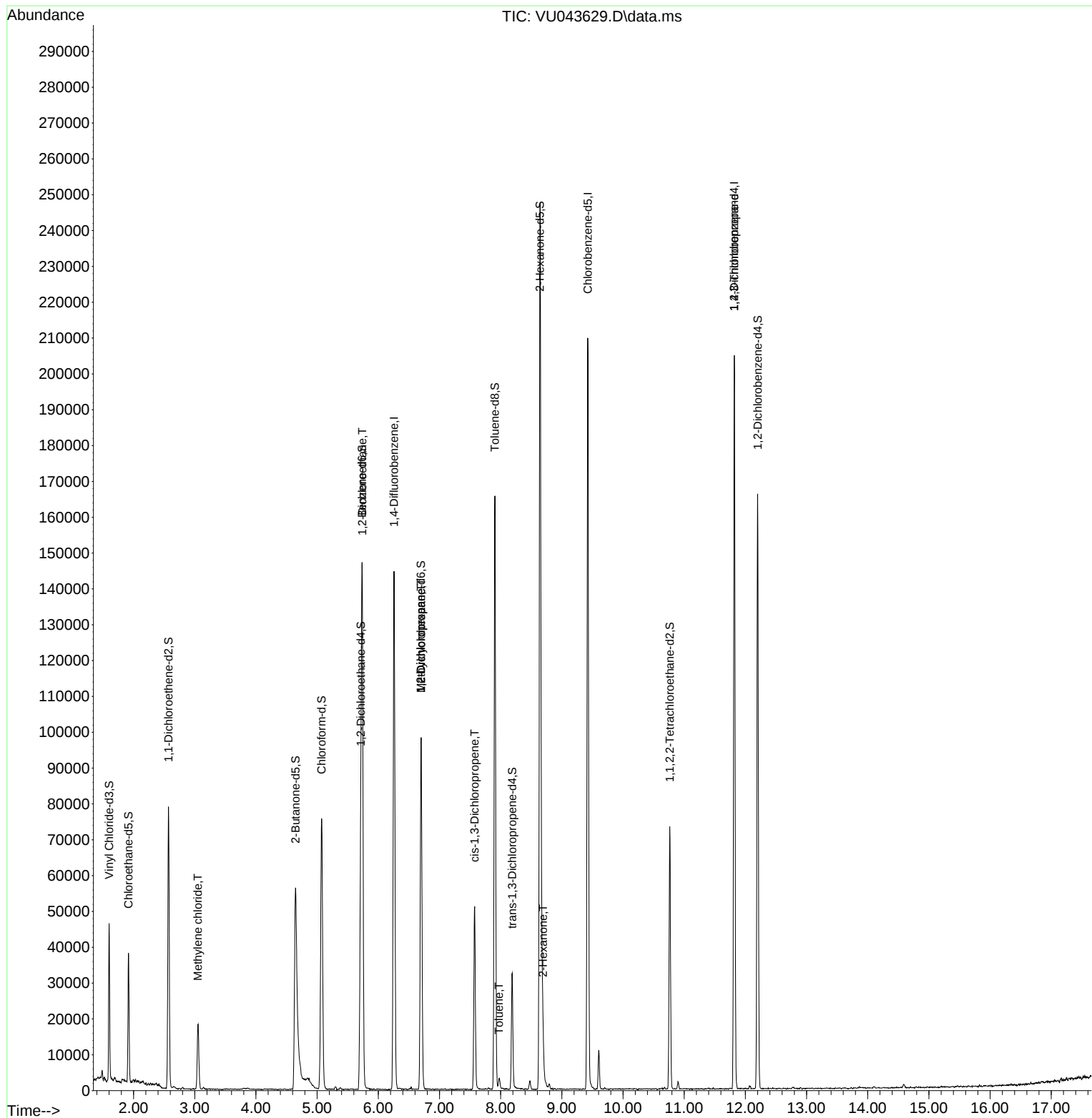
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	106090	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	104336	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48145	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29194	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.916	69	24038	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.572	65	15037	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.649	46	118450	44.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.44%
24) Chloroform-d	5.073	84	66909	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.713	65	41330	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.735	84	120666	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.700	67	43526	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.906	98	101675	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloroprop...	8.189	79	16538	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.642	63	84445	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35039	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	40198	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%
Target Compounds						Qvalue
16) Methylene chloride	3.051	84	7492	0.79	ug/L	98
27) 1,2-Dichloroethane	5.739	62	799	0.08	ug/L #	78
35) Methylcyclohexane	6.700	83	9472	1.04	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4965	0.61	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1371	0.13	ug/L #	63
42) Toluene	7.973	91	2253	0.08	ug/L	92
48) 2-Hexanone	8.694	43	4458	0.89	ug/L #	89
61) 1,2,3-Trichloropropane	11.819	75	6961	1.43	ug/L #	68

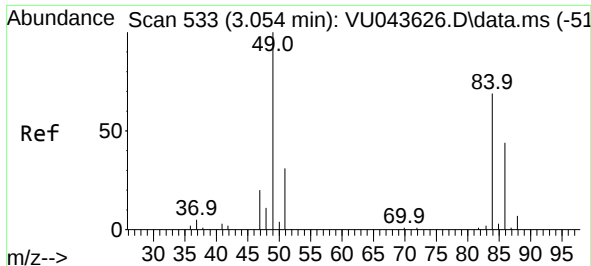
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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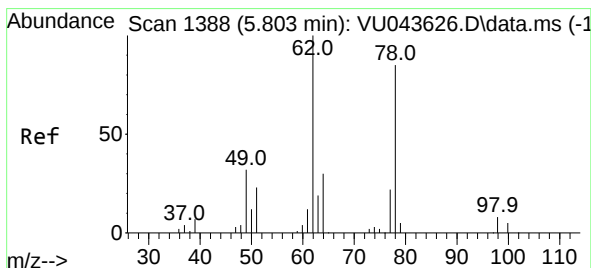
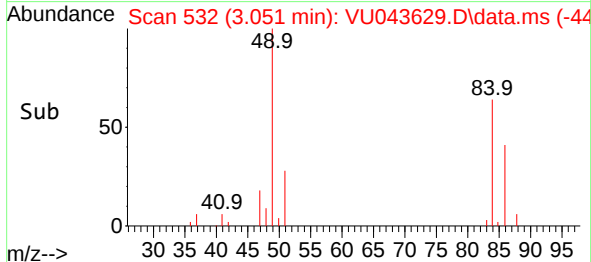
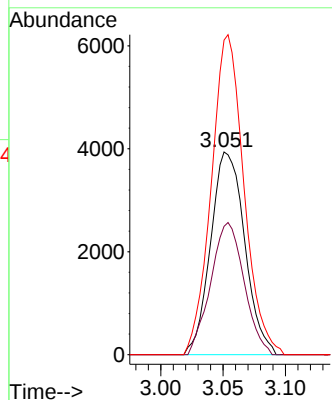
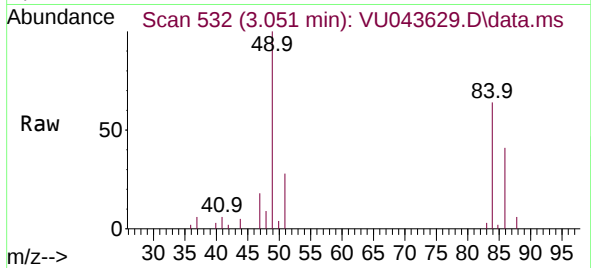




#16
Methylene chloride
Concen: 0.79 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU043629.D
Acq: 10 May 2021 11:29

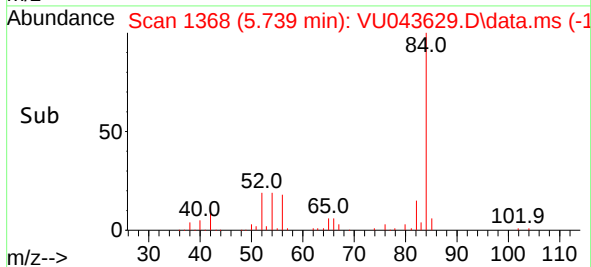
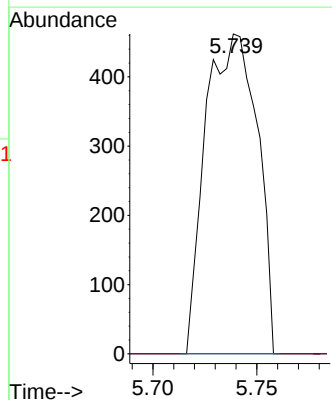
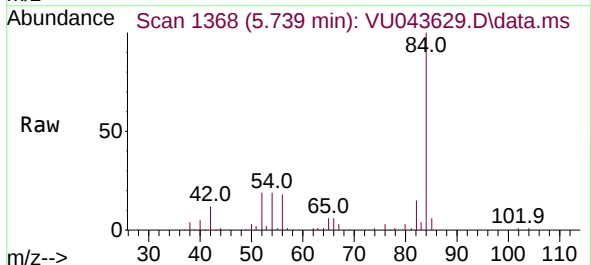
Instrument :
MSVOA_U
ClientSampleId :

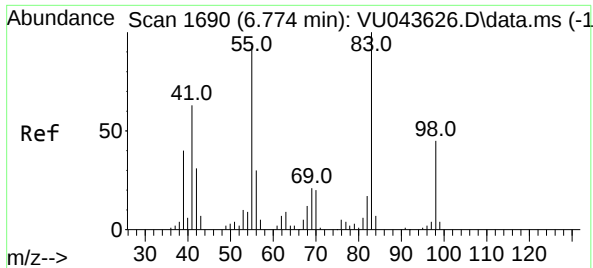
Tgt Ion: 84 Resp: 7492
Ion Ratio Lower Upper
84 100
86 63.3 45.6 84.6
49 155.1 107.0 198.8



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043629.D
Acq: 10 May 2021 11:29

Tgt Ion: 62 Resp: 799
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

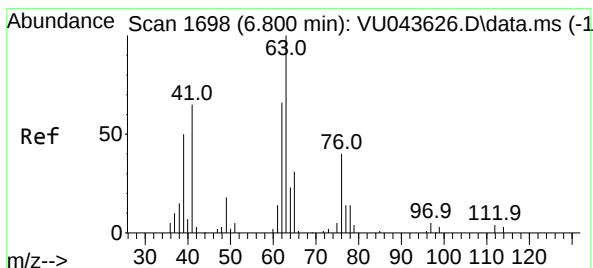
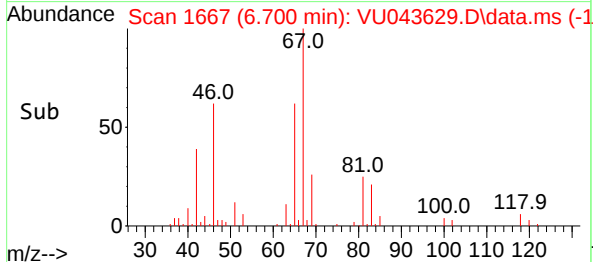
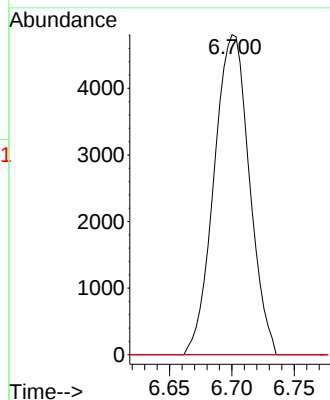
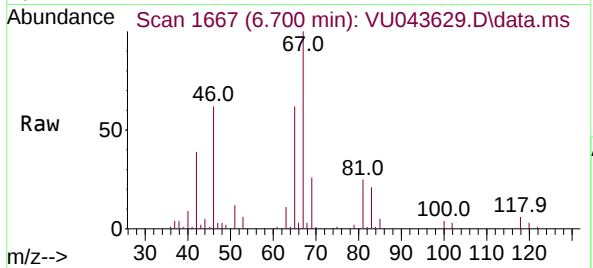




#35
Methylcyclohexane
Concen: 1.04 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043629.D
Acq: 10 May 2021 11:29

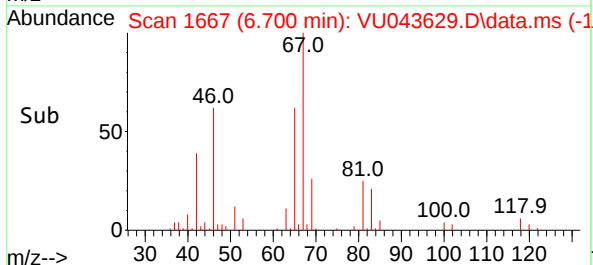
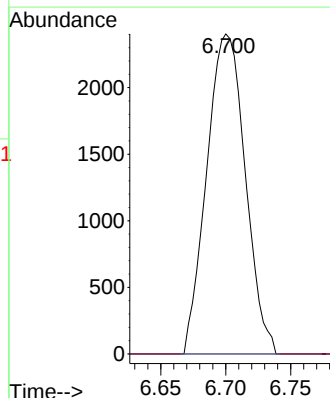
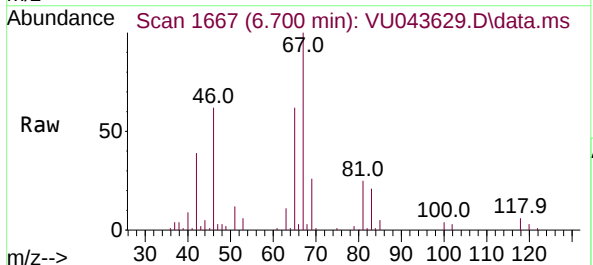
Instrument :
MSVOA_U
ClientSampleId :

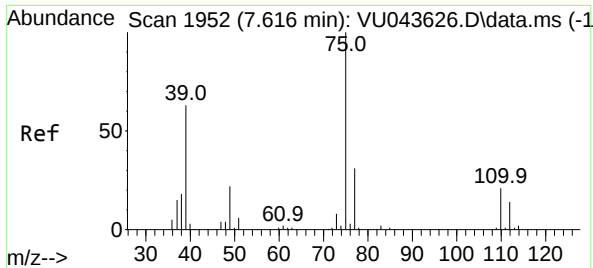
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.2	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043629.D
Acq: 10 May 2021 11:29

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



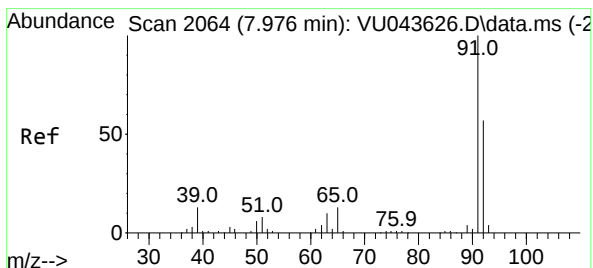
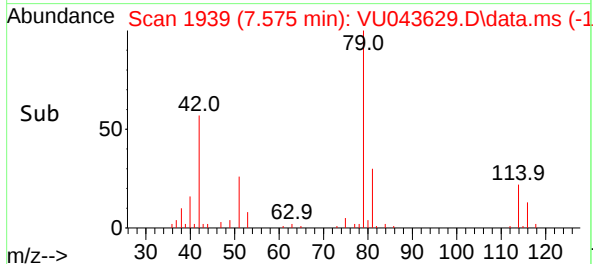
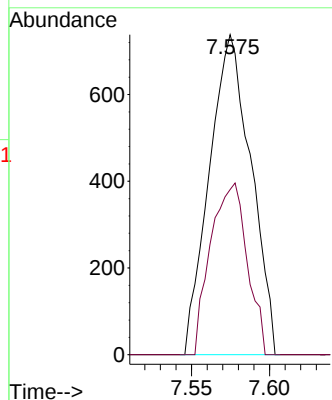
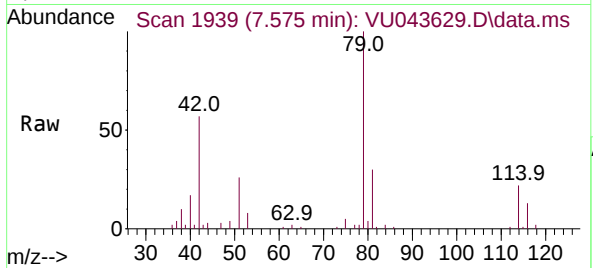


#39

cis-1,3-Dichloropropene
 Concen: 0.13 ug/L
 RT: 7.575 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU043629.D
 Acq: 10 May 2021 11:29

Instrument :
 MSVOA_U
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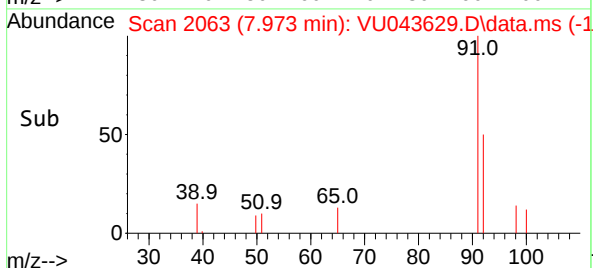
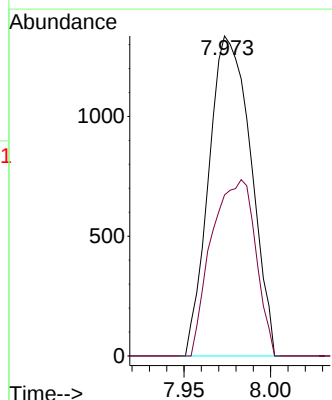
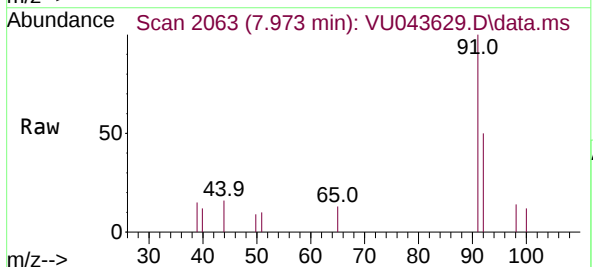
Tgt Ion: 75 Resp: 1371
 Ion Ratio Lower Upper
 75 100
 77 51.6 21.9 40.7#

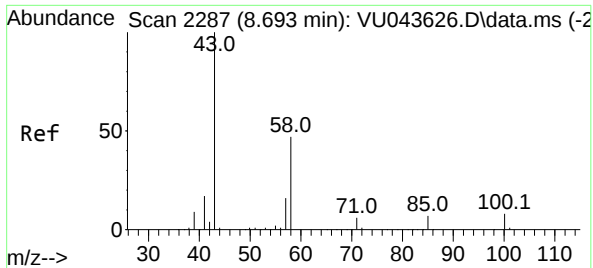


#42

Toluene
 Concen: 0.08 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.003 min
 Lab File: VU043629.D
 Acq: 10 May 2021 11:29

Tgt Ion: 91 Resp: 2253
 Ion Ratio Lower Upper
 91 100
 92 50.3 39.1 72.5

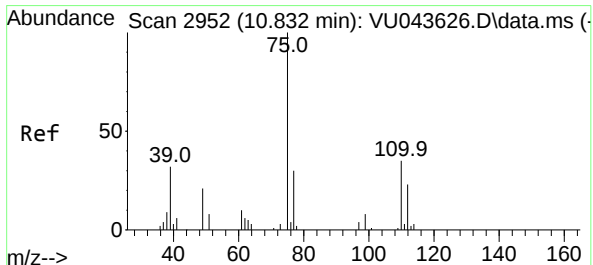
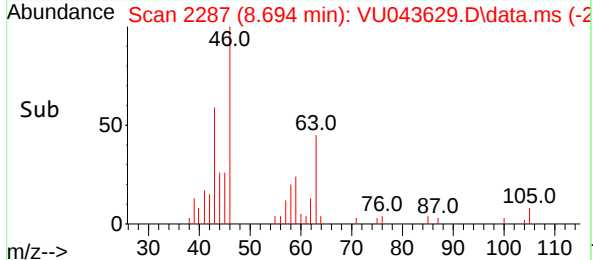
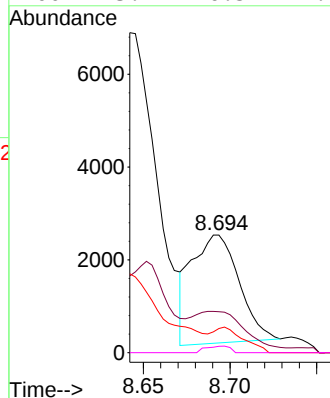
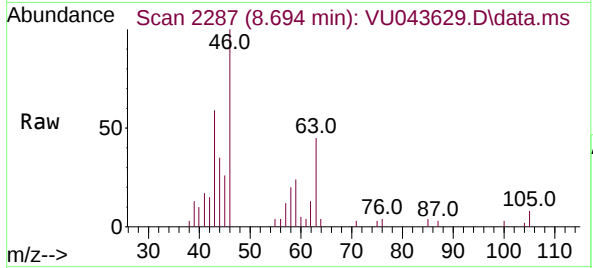




#48
2-Hexanone
Concen: 0.89 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043629.D
Acq: 10 May 2021 11:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	4458
Ion	Ratio	Lower	Upper
43	100		
58	36.9	36.8	55.2
57	14.9	13.2	19.8
100	3.1	6.5	9.7#



#61
1,2,3-Trichloropropane
Concen: 1.43 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043629.D
Acq: 10 May 2021 11:29

Tgt Ion:	75	Resp:	6961
Ion	Ratio	Lower	Upper
75	100		
110	2.1	28.6	42.8#
77	33.9	25.7	38.5

