

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043429.D
 Acq On : 29 Apr 2021 16:50
 Operator : SY/MD
 Sample : M2162-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 07:30:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

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

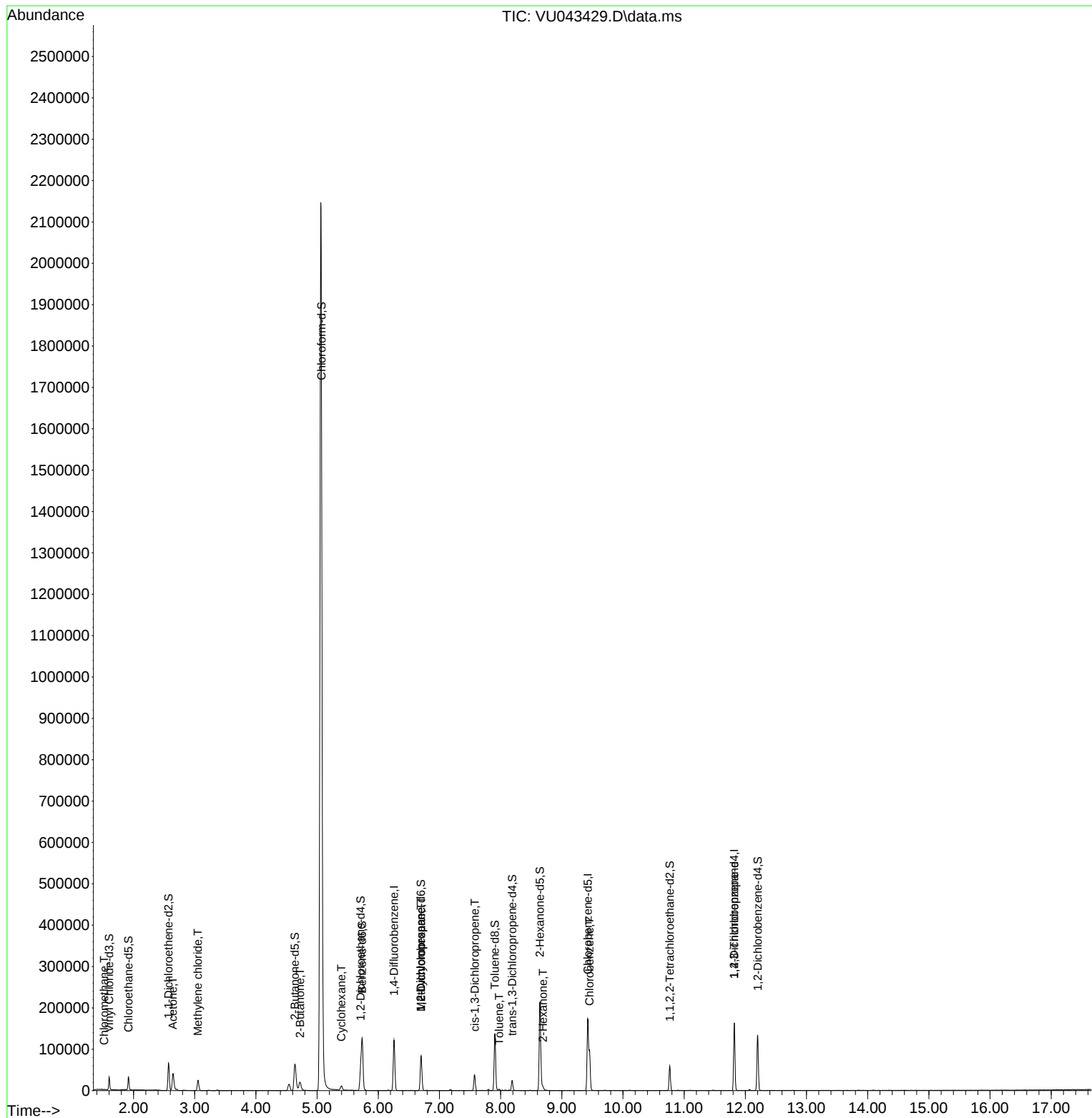
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	88299	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	85810	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39091	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21030	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.916	69	20986	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.572	65	12736	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	4.636	46	104186	52.90	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.80%
24) Chloroform-d	5.073	84	58323	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.710	65	35267	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.736	84	104503	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.700	67	36212	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.906	98	84302	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloroprop...	8.189	79	12142	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.642	63	64309	44.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.14%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	27844	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
66) 1,2-Dichlorobenzene-d4	12.202	152	32762	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1034	0.19	ug/L	90
13) Acetone	2.643	43	56259	38.88	ug/L	# 64
16) Methylene chloride	3.051	84	10115	1.59	ug/L	# 72
21) 2-Butanone	4.720	43	31251	13.09	ug/L	83
30) Cyclohexane	5.398	56	4917	0.54	ug/L	# 80
35) Methylcyclohexane	6.700	83	7887	0.90	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4411	0.68	ug/L	# 87
39) cis-1,3-Dichloropropene	7.578	75	924	0.10	ug/L	# 59
42) Toluene	7.977	91	2489	0.10	ug/L	91
48) 2-Hexanone	8.694	43	4834	1.14	ug/L	# 75
51) Chlorobenzene	9.453	112	42433	2.60	ug/L	# 88
61) 1,2,3-Trichloropropane	11.819	75	5378	1.33	ug/L	# 65

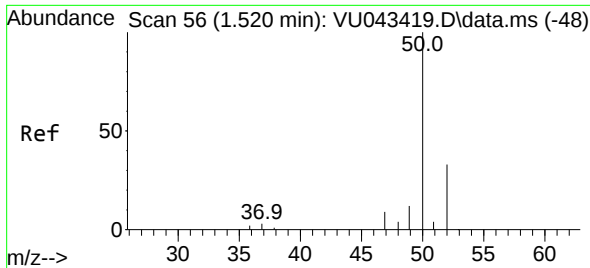
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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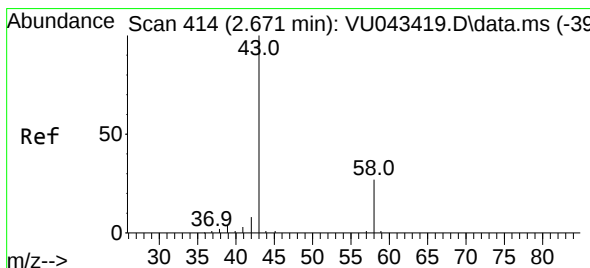
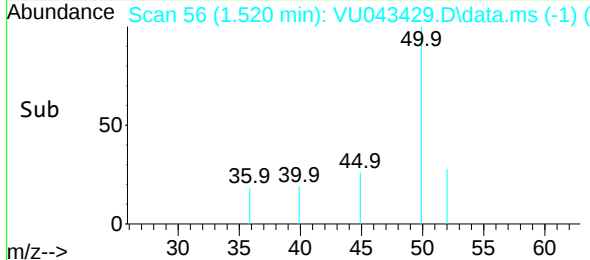
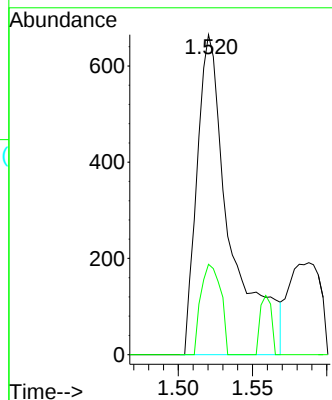
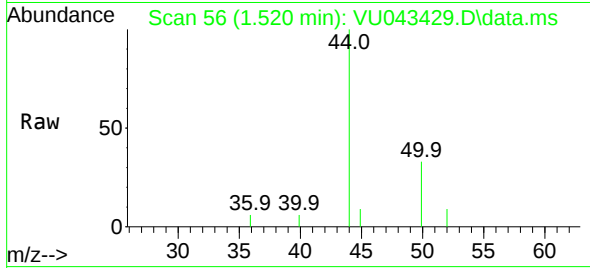




#3
Chloromethane
Concen: 0.19 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50

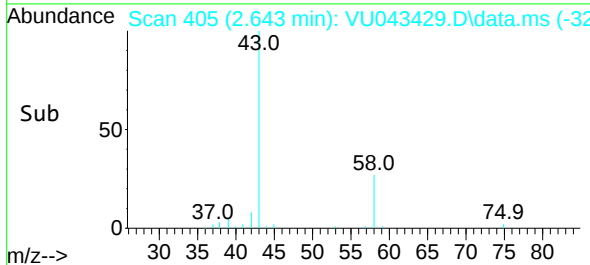
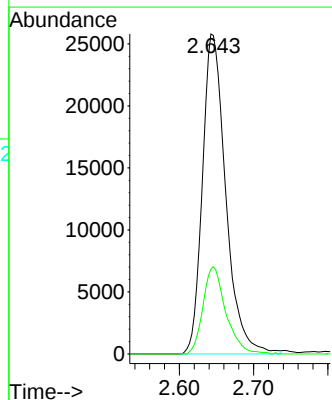
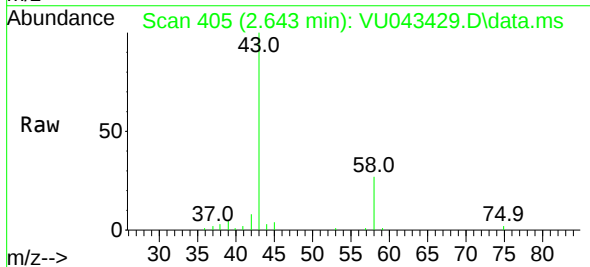
Instrument :
MSVOA_U
ClientSampled :

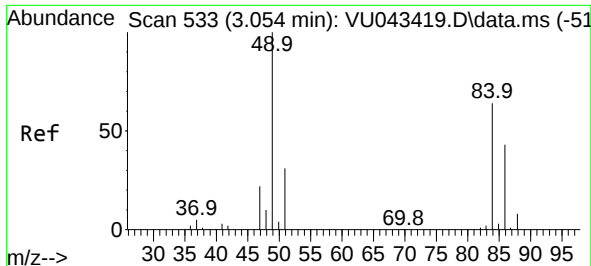
Tgt Ion: 50 Resp: 1034
Ion Ratio Lower Upper
50 100
52 28.3 23.6 43.8



#13
Acetone
Concen: 38.88 ug/L
RT: 2.643 min Scan# 405
Delta R.T. -0.029 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50

Tgt Ion: 43 Resp: 56259
Ion Ratio Lower Upper
43 100
58 26.6 0.0 25.0#

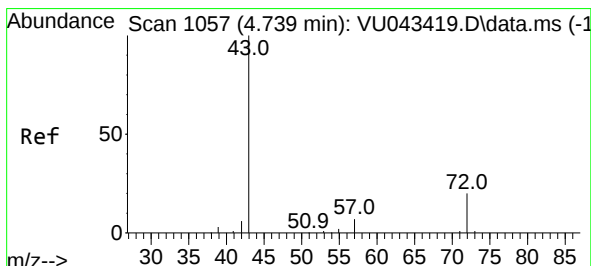
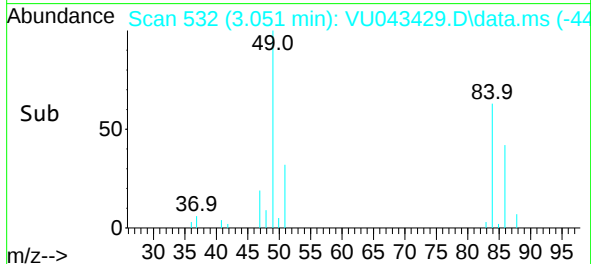
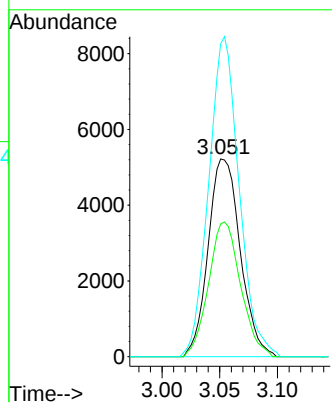
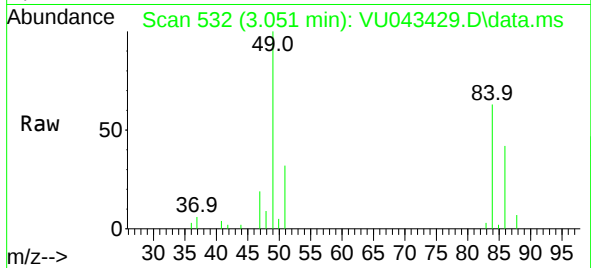




#16
Methylene chloride
Concen: 1.59 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50

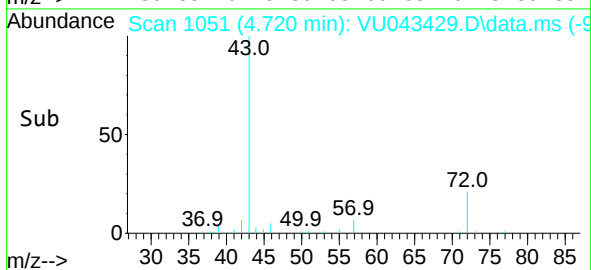
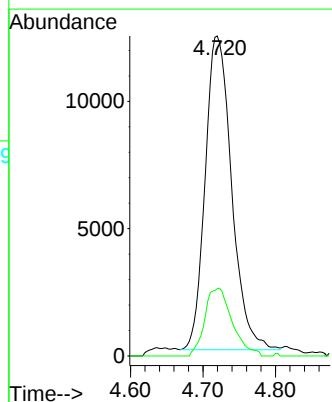
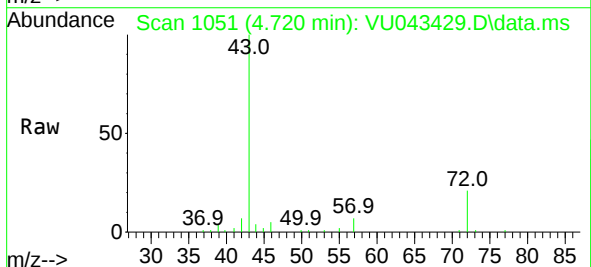
Instrument :
MSVOA_U
ClientSampleId :

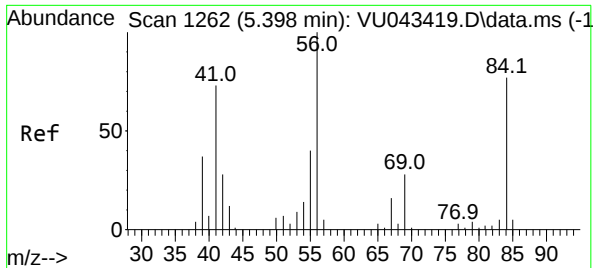
Tgt Ion: 84 Resp: 10115
Ion Ratio Lower Upper
84 100
86 67.2 44.9 83.5
49 158.2 79.0 146.8#



#21
2-Butanone
Concen: 13.09 ug/L
RT: 4.720 min Scan# 1051
Delta R.T. -0.019 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50

Tgt Ion: 43 Resp: 31251
Ion Ratio Lower Upper
43 100
72 22.3 15.8 47.3

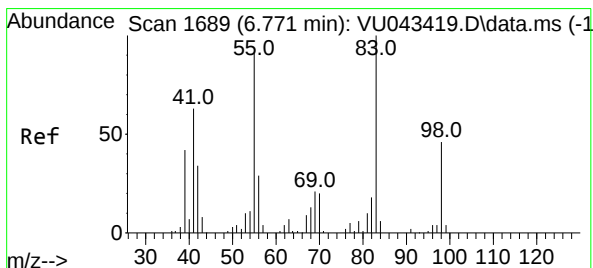
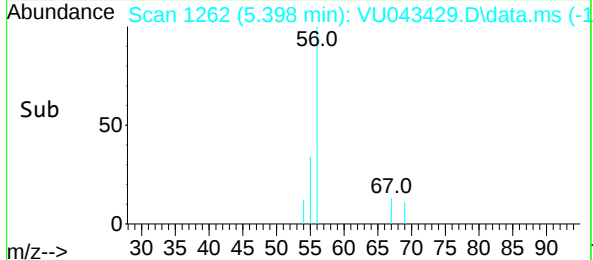
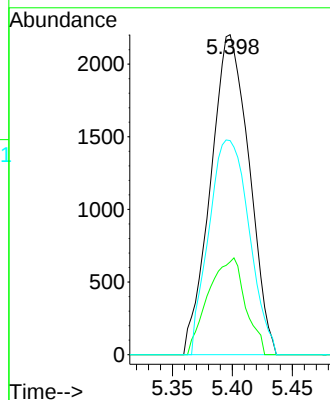
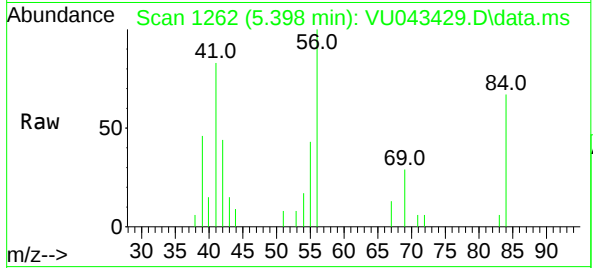




#30
Cyclohexane
Concen: 0.54 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50

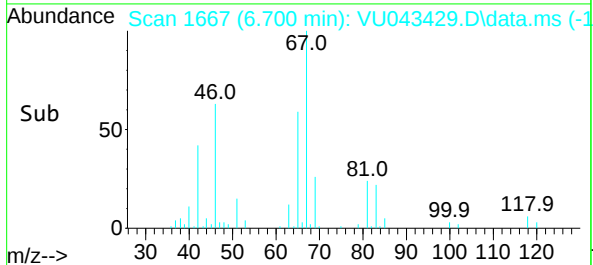
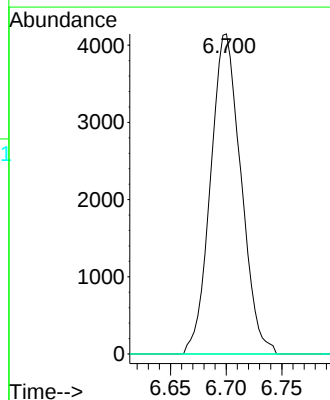
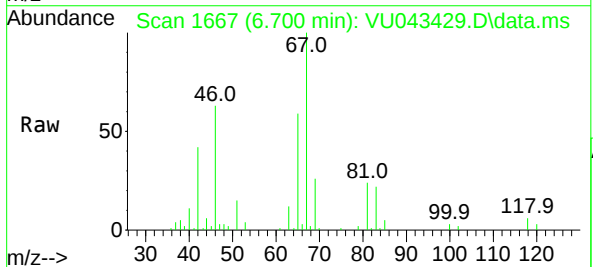
Instrument :
MSVOA_U
ClientSampleId :

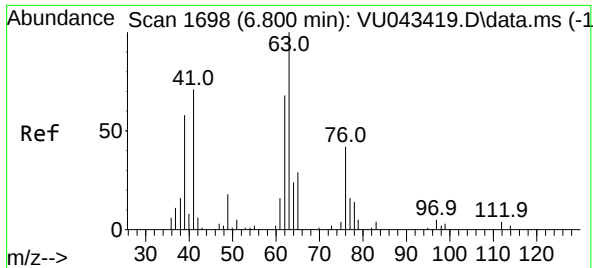
Tgt Ion:	56	Resp:	4917
Ion Ratio	Lower	Upper	
56	100		
69	29.2	25.2	37.8
84	70.1	76.2	114.4#



#35
Methylcyclohexane
Concen: 0.90 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.070 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50

Tgt Ion:	83	Resp:	7887
Ion Ratio	Lower	Upper	
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#

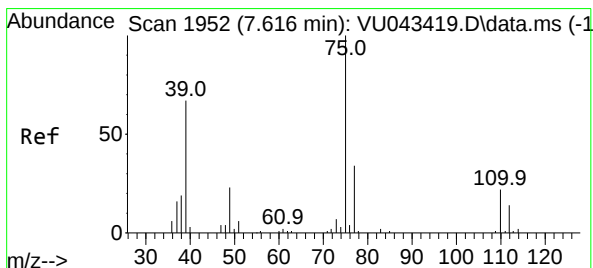
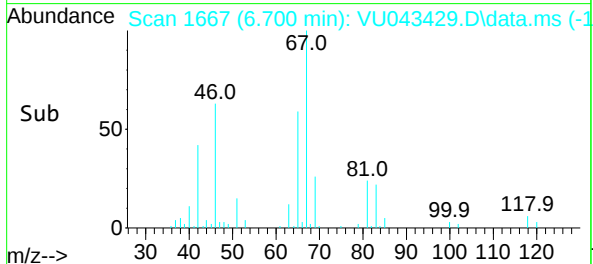
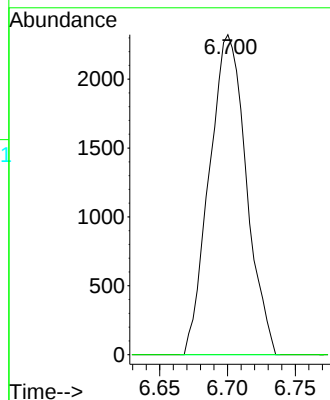
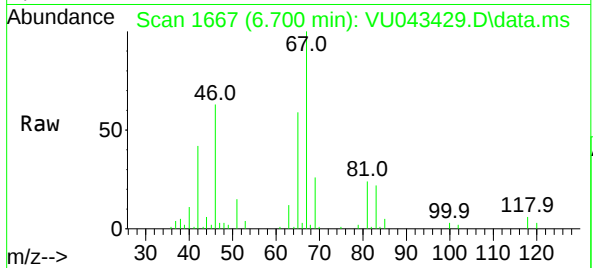




#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50

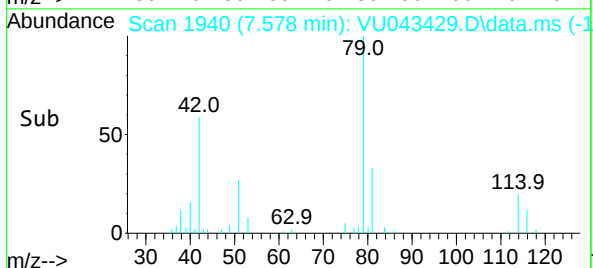
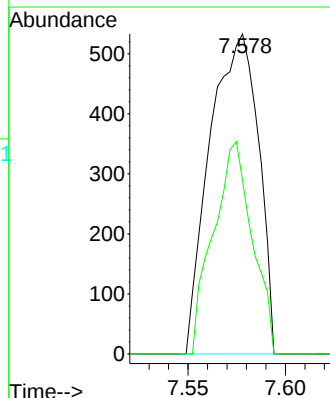
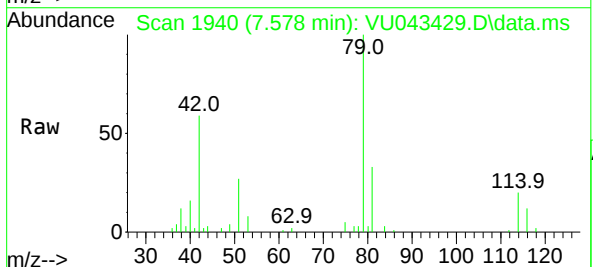
Instrument :
MSVOA_U
ClientSampled :

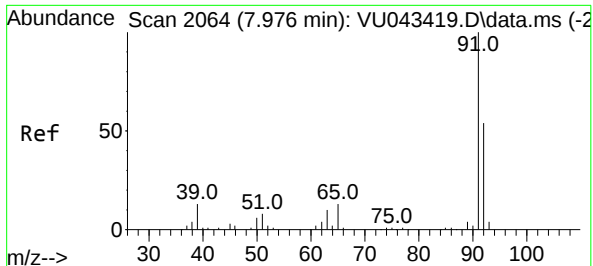
Tgt Ion: 63 Resp: 4411
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50

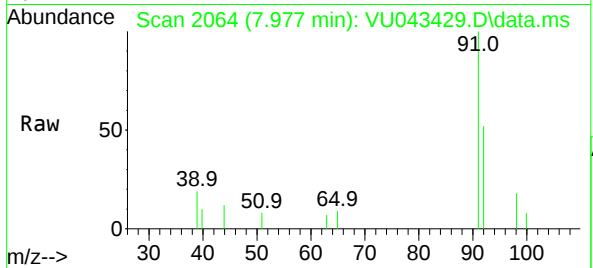
Tgt Ion: 75 Resp: 924
Ion Ratio Lower Upper
75 100
77 54.0 21.8 40.6#



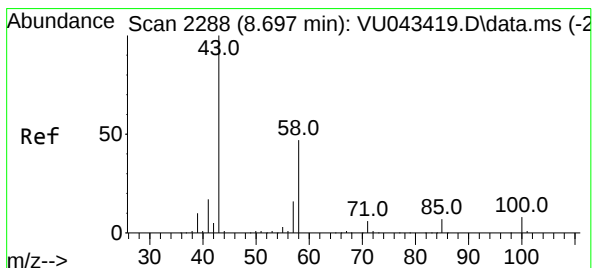
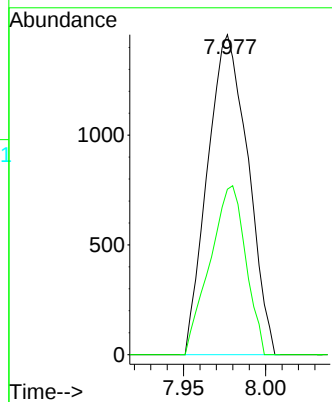
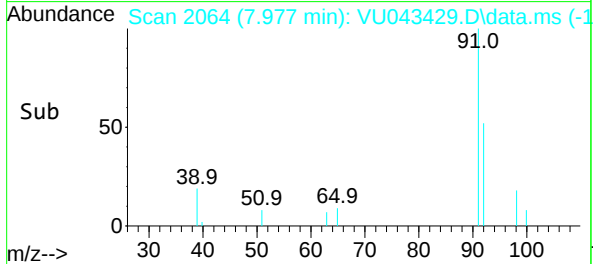


#42
Toluene
Concen: 0.10 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50

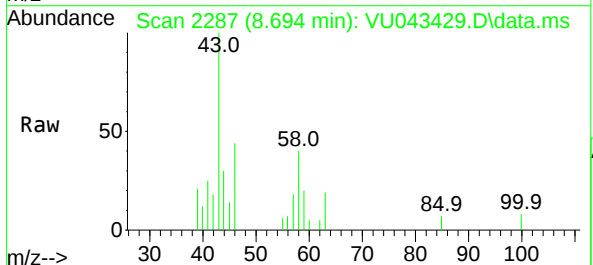
Instrument :
MSVOA_U
ClientSampled :



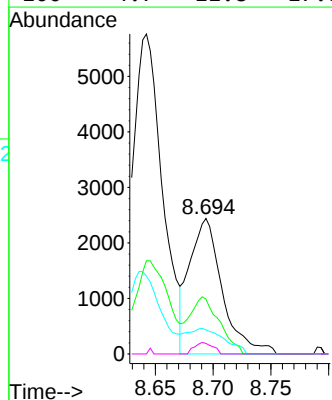
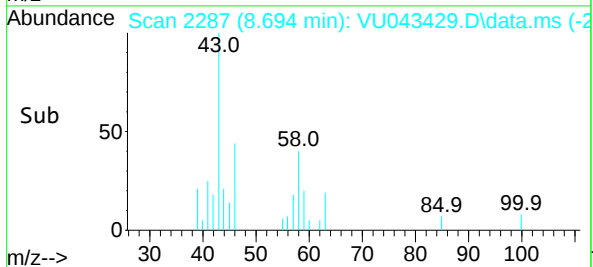
Tgt Ion: 91 Resp: 2489
Ion Ratio Lower Upper
91 100
92 51.7 40.9 76.0

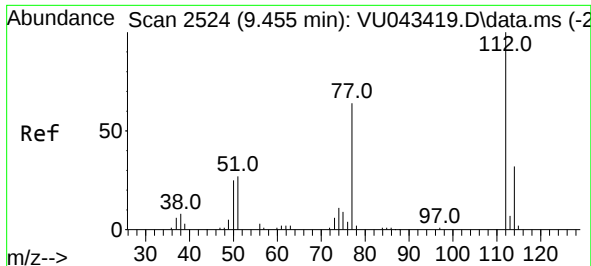


#48
2-Hexanone
Concen: 1.14 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50



Tgt Ion: 43 Resp: 4834
Ion Ratio Lower Upper
43 100
58 38.8 50.0 75.0#
57 17.1 17.4 26.0#
100 4.7 11.8 17.8#

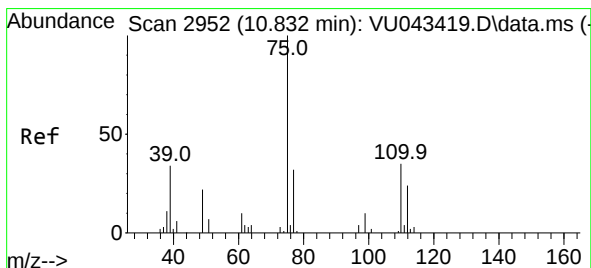
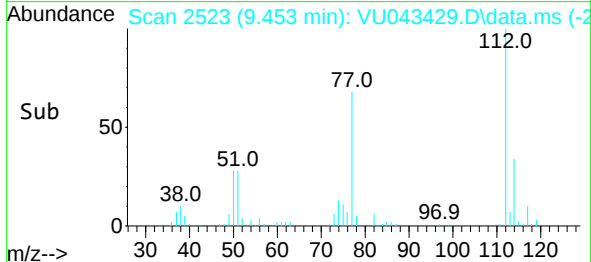
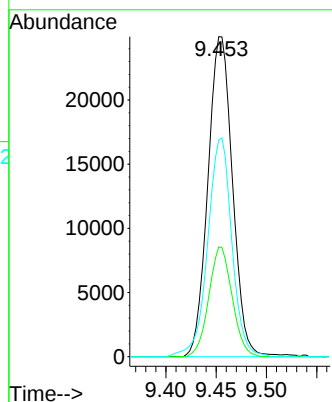
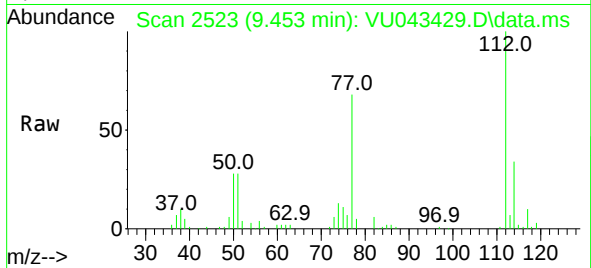




#51
Chlorobenzene
Concen: 2.60 ug/L
RT: 9.453 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 42433
Ion Ratio Lower Upper
112 100
114 34.3 21.9 40.7
77 67.7 45.1 67.7#



#61
1,2,3-Trichloropropane
Concen: 1.33 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043429.D
Acq: 29 Apr 2021 16:50

Tgt Ion: 75 Resp: 5378
Ion Ratio Lower Upper
75 100
110 0.0 31.5 47.3#
77 32.4 26.3 39.5

