

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043279.D
 Acq On : 22 Apr 2021 15:36
 Operator : SY/MD
 Sample : M2088-06DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4487DL

Quant Time: Apr 22 23:42:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

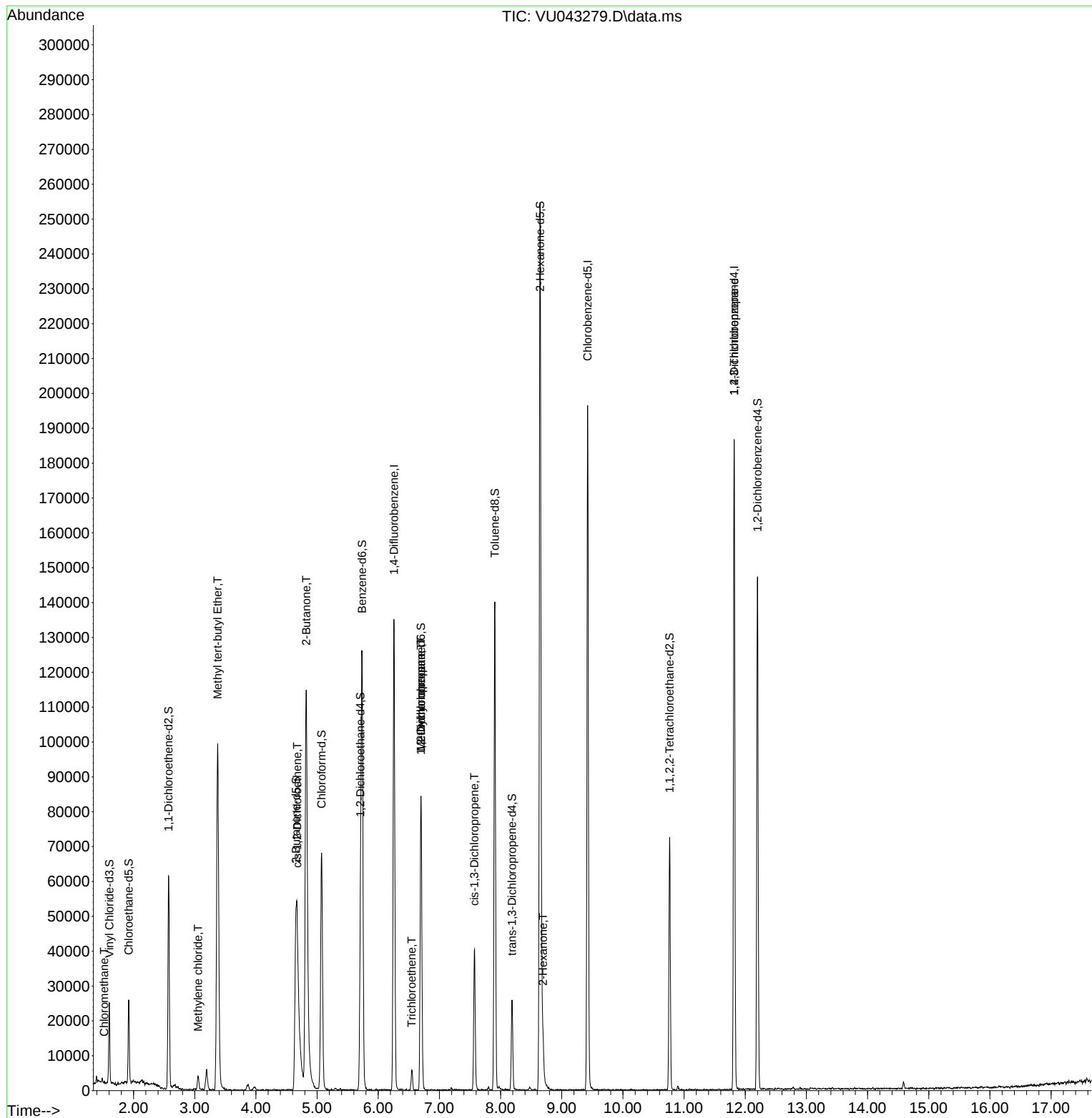
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	97207	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	97646	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	44913	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	15117	3.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.20%
7) Chloroethane-d5	1.919	69	16258	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.572	65	12101	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	4.655	46	137661	63.50	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.00%
24) Chloroform-d	5.073	84	59654	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.710	65	39929	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.736	84	100539	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.697	67	36120	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	85280	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloroprop...	8.186	79	12736	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.645	63	78809	47.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.92%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34210	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	35838	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	565	0.09	ug/L	83
16) Methylene chloride	3.054	84	1521	0.22	ug/L	# 71
17) Methyl tert-butyl Ether	3.375	73	100774	5.70	ug/L	# 91
21) 2-Butanone	4.822	43	197623	75.17	ug/L	# 43
22) cis-1,2-Dichloroethene	4.674	96	1317	0.19	ug/L	# 87
34) Trichloroethene	6.546	95	2023	0.28	ug/L	76
35) Methylcyclohexane	6.700	83	8539	0.86	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4377	0.60	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	1207	0.11	ug/L	99
48) 2-Hexanone	8.694	43	5166	1.07	ug/L	# 86
61) 1,2,3-Trichloropropane	11.819	75	5801	1.25	ug/L	# 62

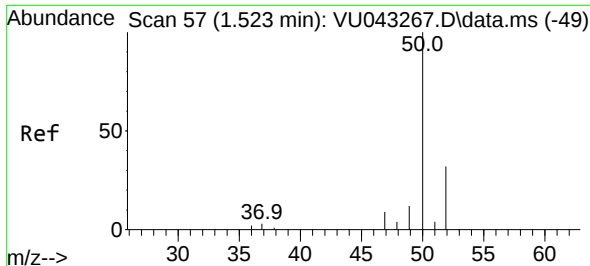
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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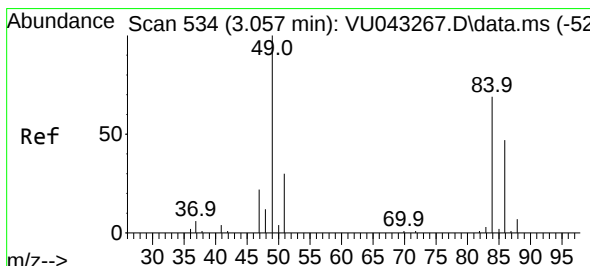
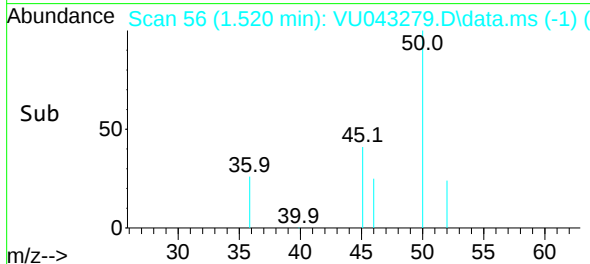
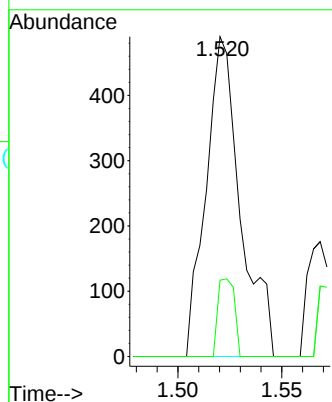
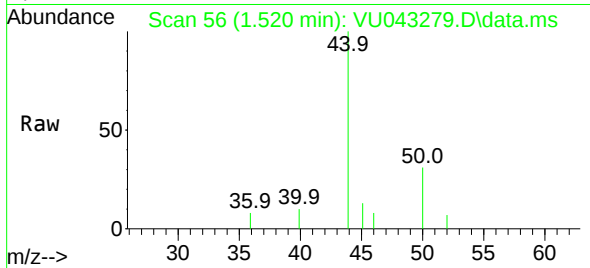




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043279.D
Acq: 22 Apr 2021 15:36

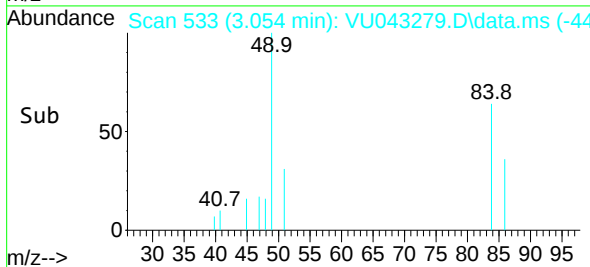
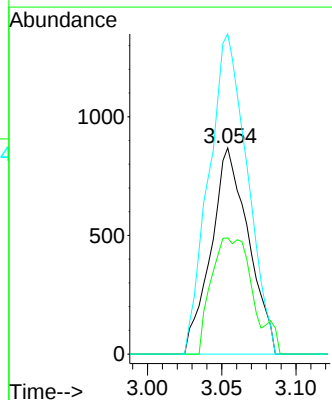
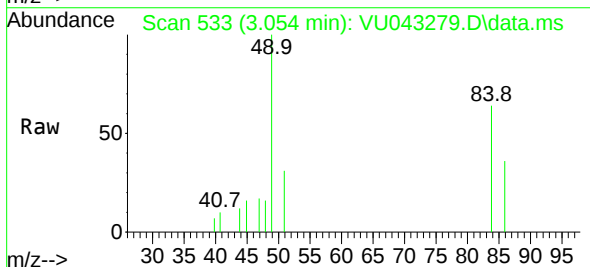
Instrument :
MSVOA_U
ClientSampleId :
H4487DL

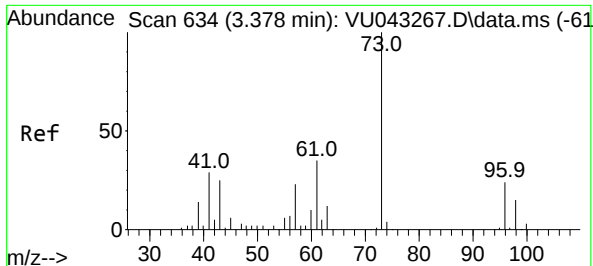
Tgt Ion: 50 Resp: 565
Ion Ratio Lower Upper
50 100
52 23.9 23.6 43.8



#16
Methylene chloride
Concen: 0.22 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU043279.D
Acq: 22 Apr 2021 15:36

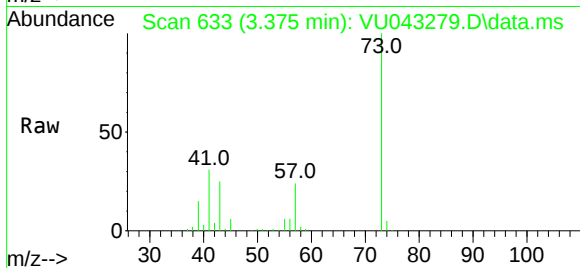
Tgt Ion: 84 Resp: 1521
Ion Ratio Lower Upper
84 100
86 56.4 44.9 83.5
49 155.2 79.0 146.8#



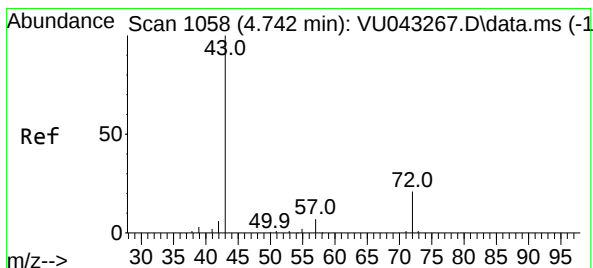
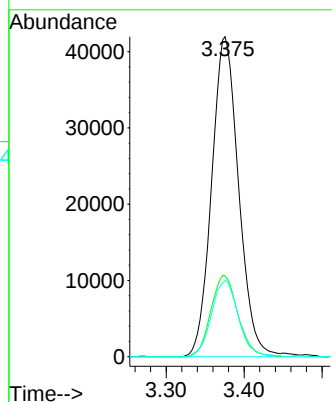
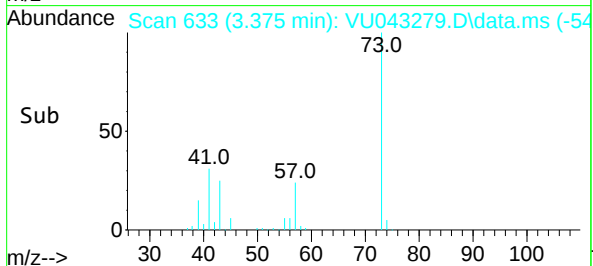


#17
Methyl tert-butyl Ether
Concen: 5.70 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.003 min
Lab File: VU043279.D
Acq: 22 Apr 2021 15:36

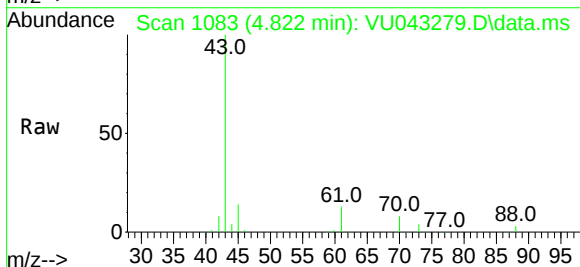
Instrument :
MSVOA_U
ClientSampleId :
H4487DL



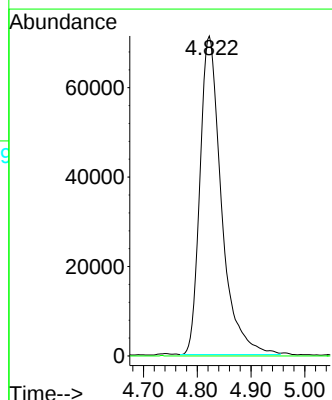
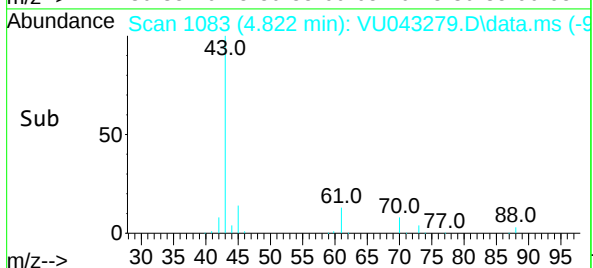
Tgt Ion: 73 Resp: 100774
Ion Ratio Lower Upper
73 100
43 25.3 15.0 22.4#
57 23.8 17.3 25.9

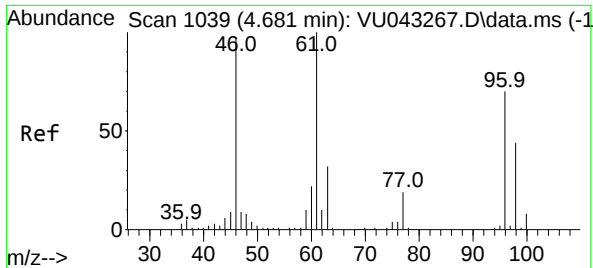


#21
2-Butanone
Concen: 75.17 ug/L
RT: 4.822 min Scan# 1083
Delta R.T. 0.081 min
Lab File: VU043279.D
Acq: 22 Apr 2021 15:36



Tgt Ion: 43 Resp: 197623
Ion Ratio Lower Upper
43 100
72 0.0 15.8 47.3#



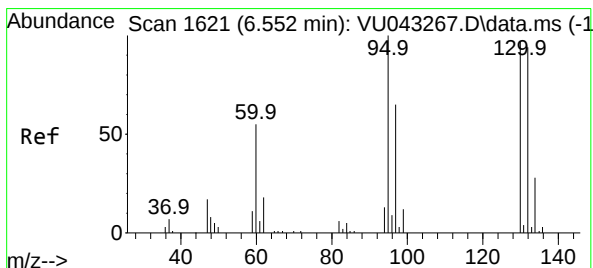
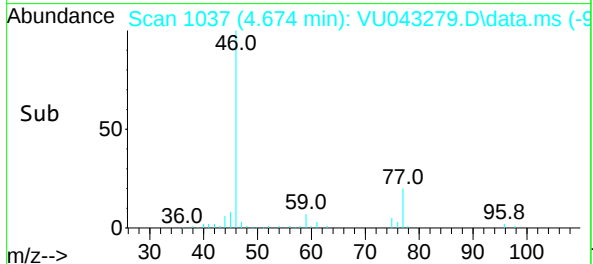
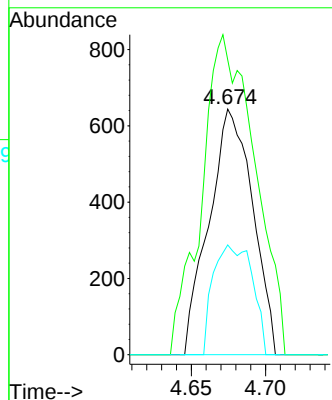
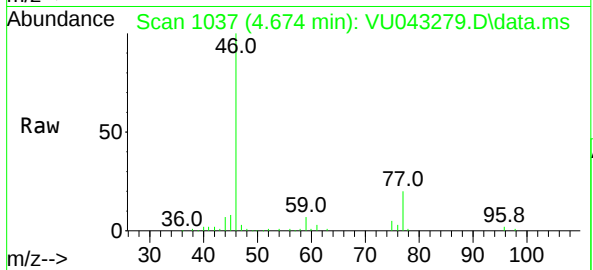


#22

cis-1,2-Dichloroethene
Concen: 0.19 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VU043279.D
Acq: 22 Apr 2021 15:36

Instrument :
MSVOA_U
ClientSampleId :
H4487DL

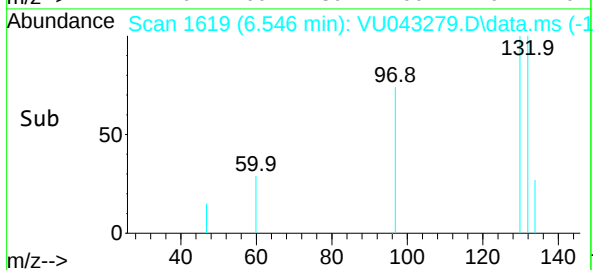
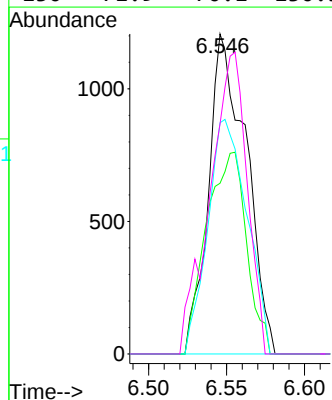
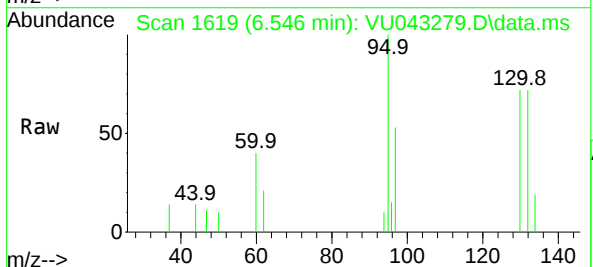
Tgt Ion: 96 Resp: 1317
Ion Ratio Lower Upper
96 100
61 120.0 87.4 162.4
98 44.7 47.7 88.5#

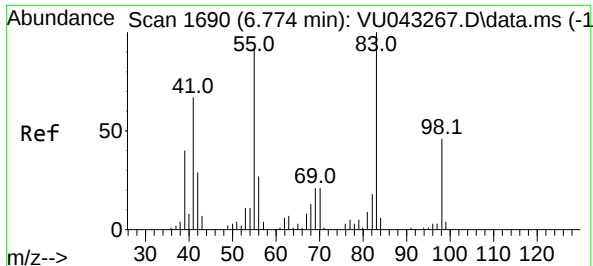


#34

Trichloroethene
Concen: 0.28 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VU043279.D
Acq: 22 Apr 2021 15:36

Tgt Ion: 95 Resp: 2023
Ion Ratio Lower Upper
95 100
97 53.4 45.8 85.2
132 72.2 68.7 127.7
130 71.9 70.1 130.3





#35

Methylcyclohexane

Concen: 0.86 ug/L

RT: 6.700 min Scan# 1667

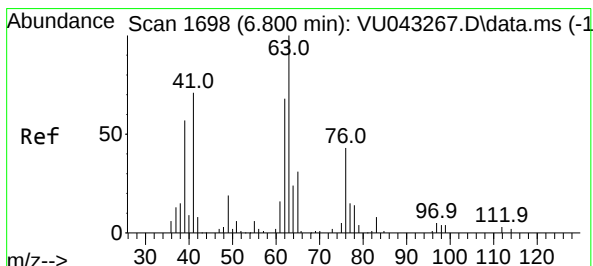
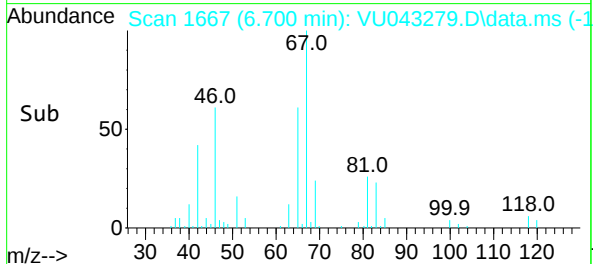
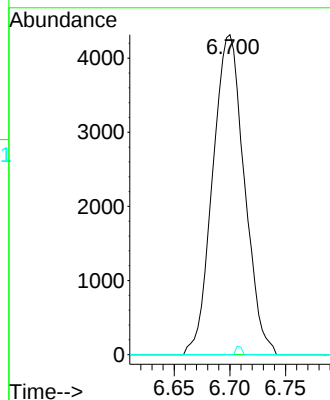
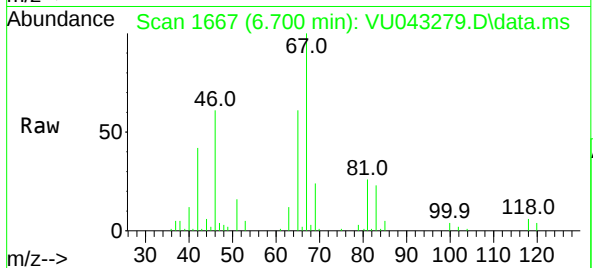
Delta R.T. -0.074 min

Lab File: VU043279.D

Acq: 22 Apr 2021 15:36

Tgt Ion:	83	Resp:	8539
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.5	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :
H4487DL



#37

1,2-Dichloropropane

Concen: 0.60 ug/L

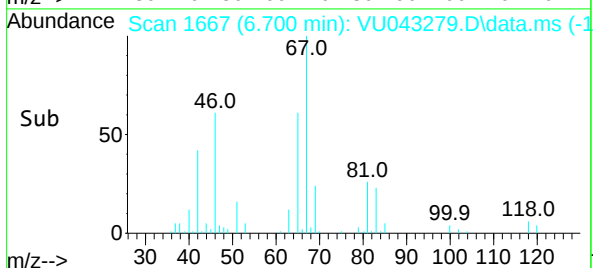
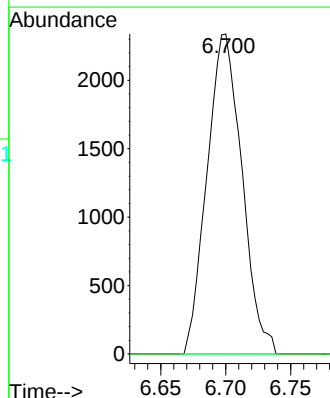
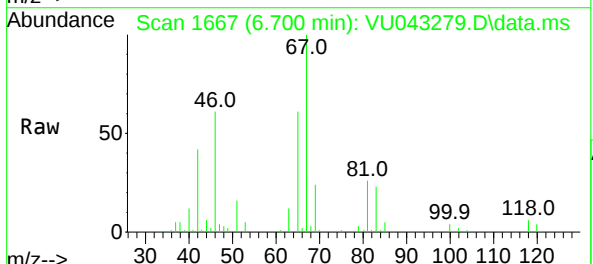
RT: 6.700 min Scan# 1667

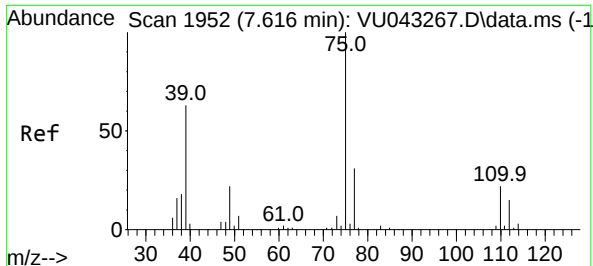
Delta R.T. -0.099 min

Lab File: VU043279.D

Acq: 22 Apr 2021 15:36

Tgt Ion:	63	Resp:	4377
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



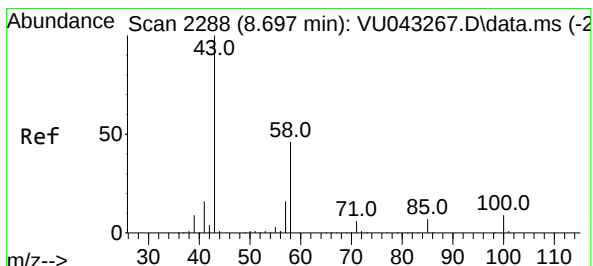
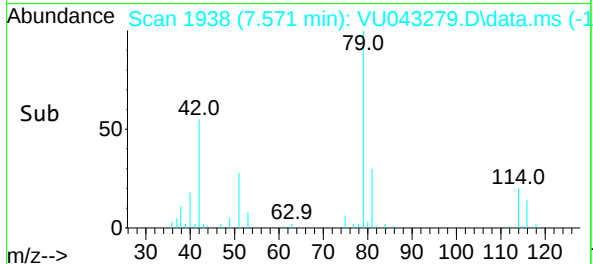
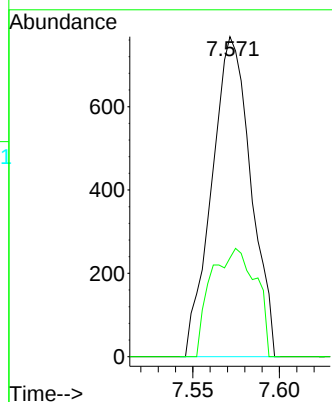
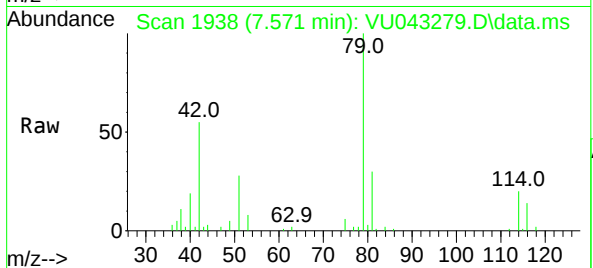


#39

cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.045 min
 Lab File: VU043279.D
 Acq: 22 Apr 2021 15:36

Instrument :
 MSVOA_U
 ClientSampleId :
 H4487DL

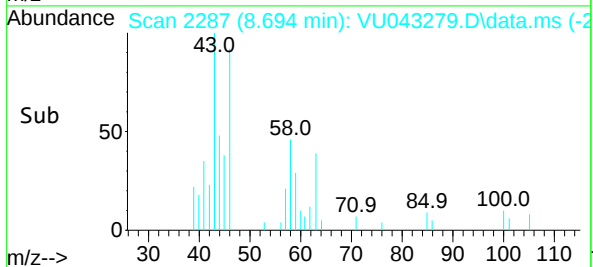
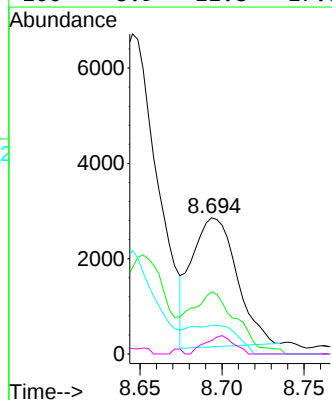
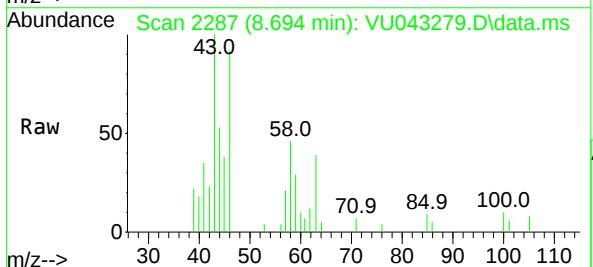
Tgt Ion: 75 Resp: 1207
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.8 40.6

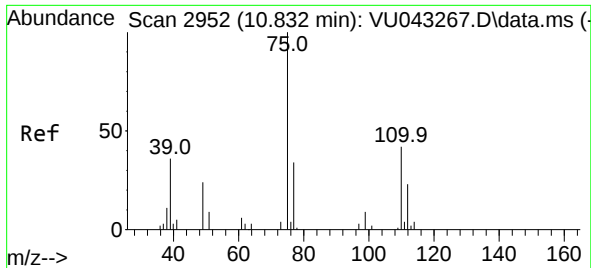


#48

2-Hexanone
 Concen: 1.07 ug/L
 RT: 8.694 min Scan# 2287
 Delta R.T. -0.003 min
 Lab File: VU043279.D
 Acq: 22 Apr 2021 15:36

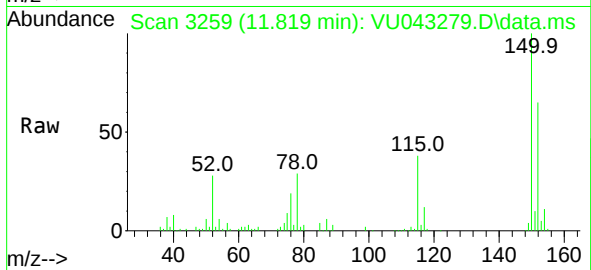
Tgt Ion: 43 Resp: 5166
 Ion Ratio Lower Upper
 43 100
 58 48.6 50.0 75.0#
 57 22.1 17.4 26.0
 100 8.9 11.8 17.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.25 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043279.D
 Acq: 22 Apr 2021 15:36

Instrument :
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Tgt Ion: 75 Resp: 5801
 Ion Ratio Lower Upper
 75 100
 110 1.8 31.5 47.3#
 77 38.3 26.3 39.5

