

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050279.D
 Acq On : 12 Aug 2022 14:03
 Operator : SY/MD
 Sample : N4075-15DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 23:16:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 23:11:34 2022
 Response via : Initial Calibration

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

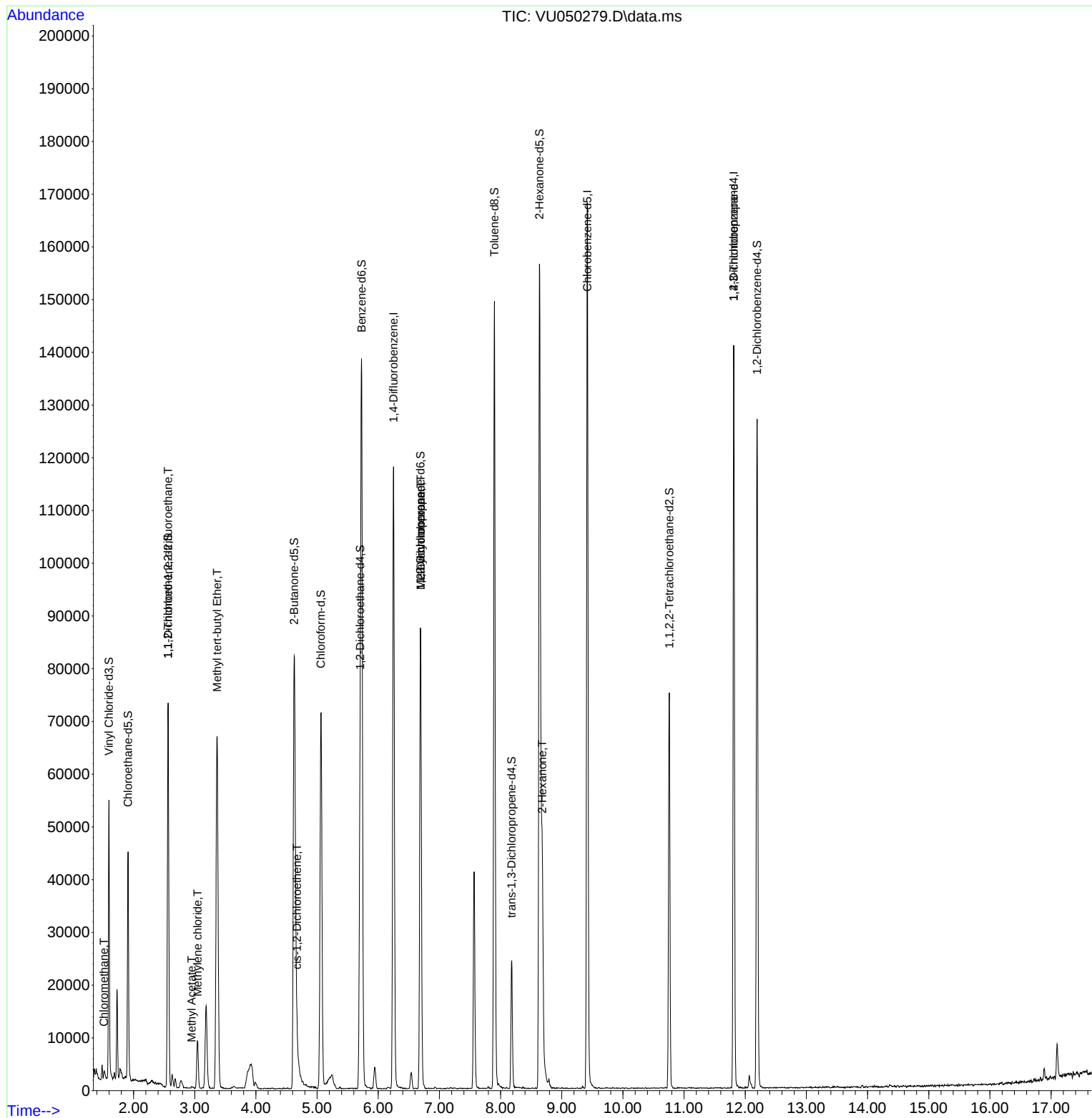
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	97562	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	96809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38676	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38321	4.720	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.909	69	31746	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.565	65	13513	4.258	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.623	46	97280	49.133	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.260%
24) Chloroform-d	5.063	84	68560	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.703	65	36130	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.729	84	130730	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.690	67	44653	4.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.899	98	101660	3.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.179	79	14674	4.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.636	63	46551	36.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38570	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	34687	4.577	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1528	0.131	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	323	0.051	ug/L #	22
15) Methyl Acetate	2.948	43	495	0.164	ug/L #	46
16) Methylene chloride	3.047	84	4571	0.444	ug/L	92
17) Methyl tert-butyl Ether	3.366	73	73097	4.153	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	437	0.052	ug/L	77
35) Methylcyclohexane	6.693	83	10240	0.967	ug/L #	19
37) 1,2-Dichloropropane	6.693	63	4338	0.480	ug/L #	89
48) 2-Hexanone	8.684	43	22050	5.448	ug/L #	85
61) 1,2,3-Trichloropropane	11.812	75	4455	0.846	ug/L #	69

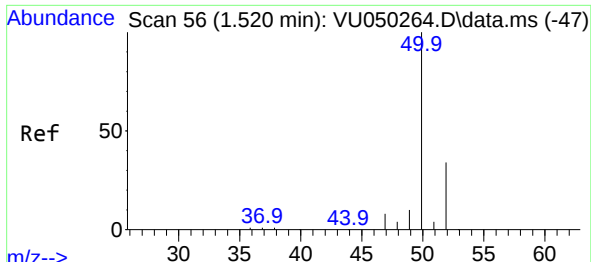
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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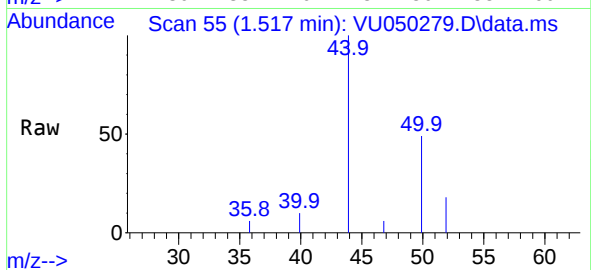
Quant Time: Aug 12 23:16:20 2022
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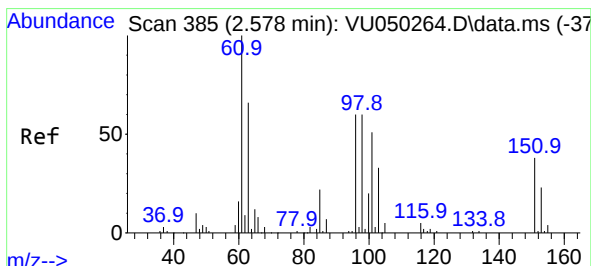
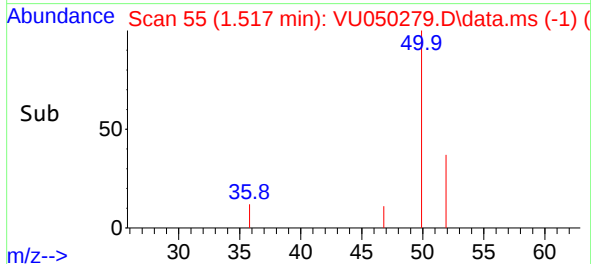
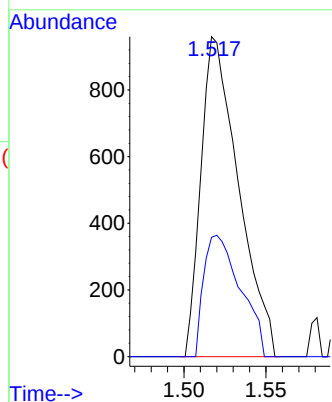


#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050279.D
Acq: 12 Aug 2022 14:03

Instrument :
MSVOA_U
ClientSampleId :

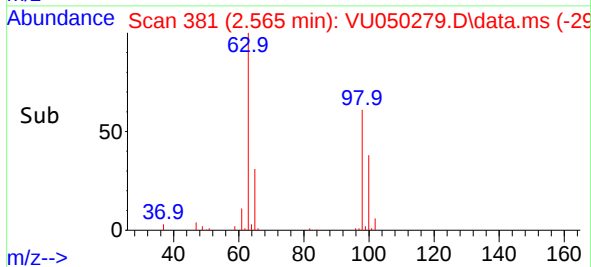
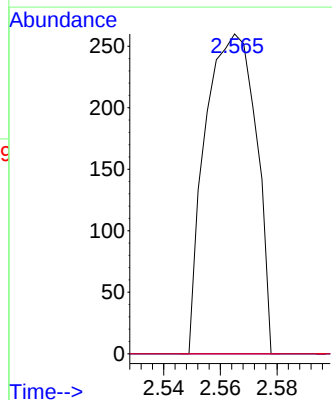
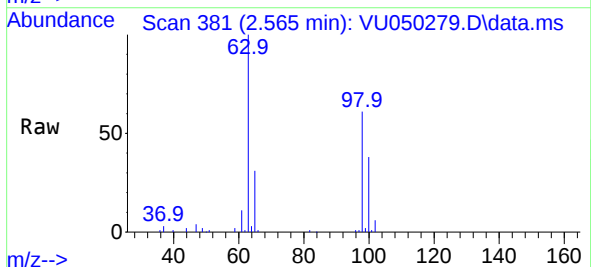


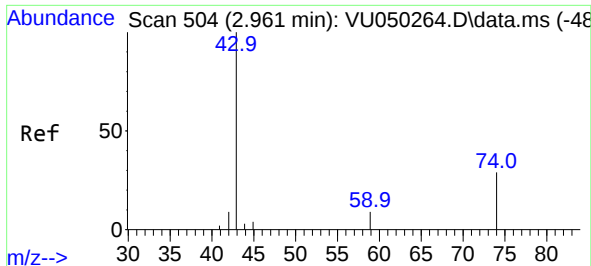
Tgt Ion: 50 Resp: 1528
Ion Ratio Lower Upper
50 100
52 37.3 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU050279.D
Acq: 12 Aug 2022 14:03

Tgt Ion: 101 Resp: 323
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

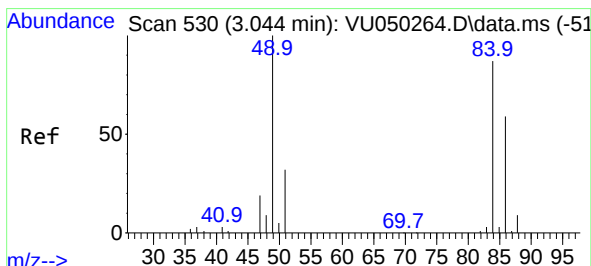
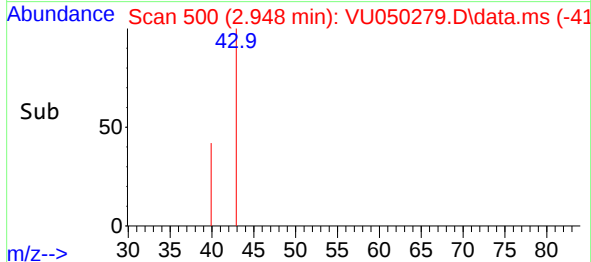
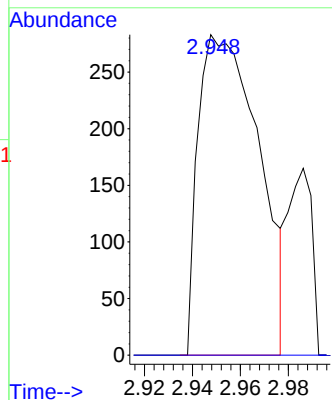
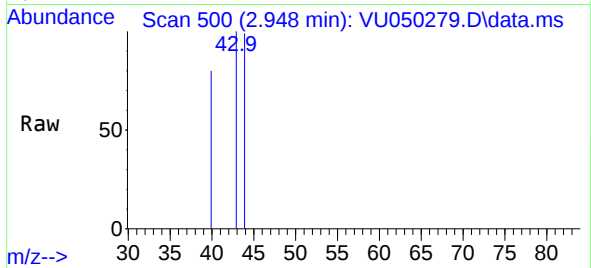




#15
Methyl Acetate
Concen: 0.164 ug/L
RT: 2.948 min Scan# 504
Delta R.T. -0.013 min
Lab File: VU050279.D
Acq: 12 Aug 2022 14:03

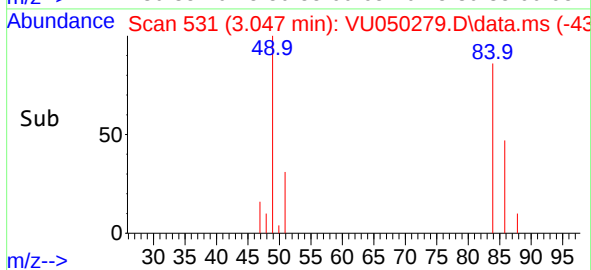
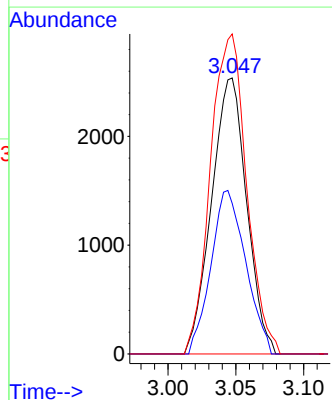
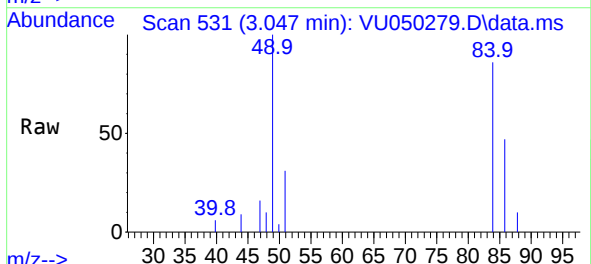
Instrument :
MSVOA_U
ClientSampleId :

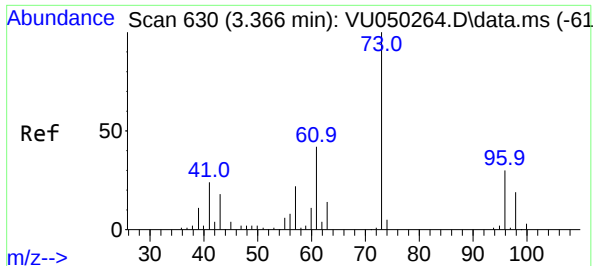
Tgt Ion: 43 Resp: 495
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#



#16
Methylene chloride
Concen: 0.444 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU050279.D
Acq: 12 Aug 2022 14:03

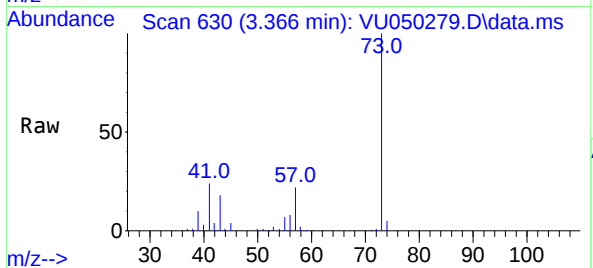
Tgt Ion: 84 Resp: 4571
Ion Ratio Lower Upper
84 100
86 54.5 45.9 85.3
49 115.9 77.6 144.0





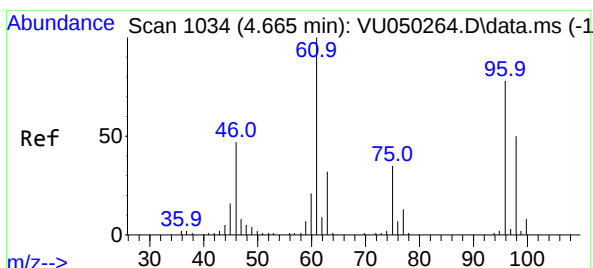
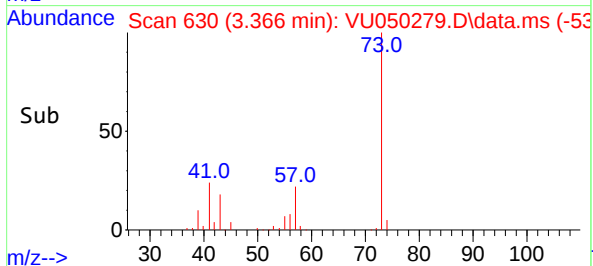
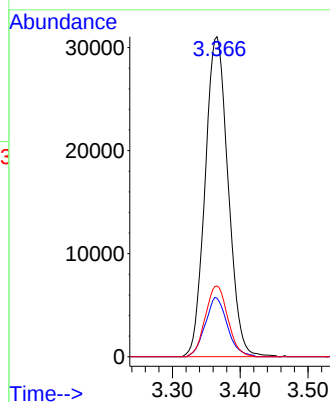
#17
Methyl tert-butyl Ether
Concen: 4.153 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050279.D
Acq: 12 Aug 2022 14:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 73097

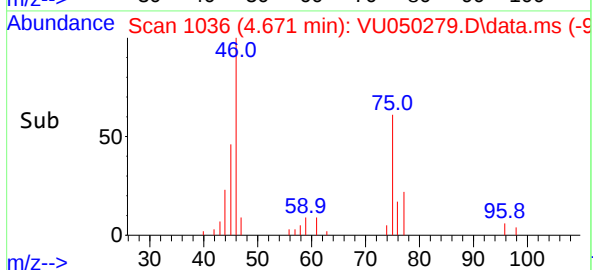
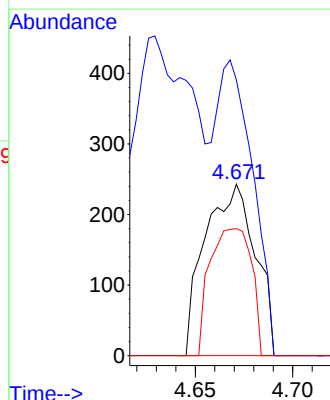
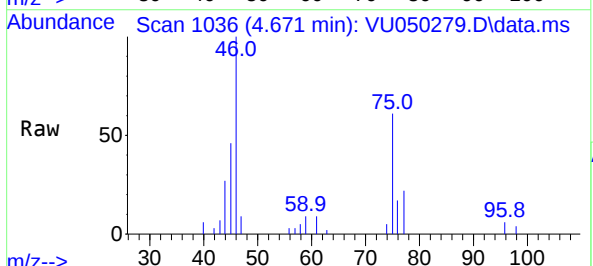
Ion	Ratio	Lower	Upper
73	100		
43	17.9	13.5	20.3
57	21.7	17.4	26.2

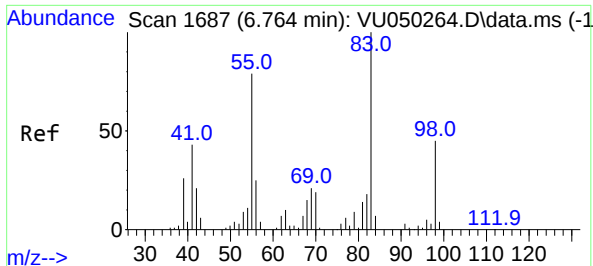


#22
cis-1,2-Dichloroethene
Concen: 0.052 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU050279.D
Acq: 12 Aug 2022 14:03

Tgt Ion: 96 Resp: 437

Ion	Ratio	Lower	Upper
96	100		
61	160.9	89.0	165.4
98	74.1	45.2	84.0





#35

Methylcyclohexane

Concen: 0.967 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050279.D

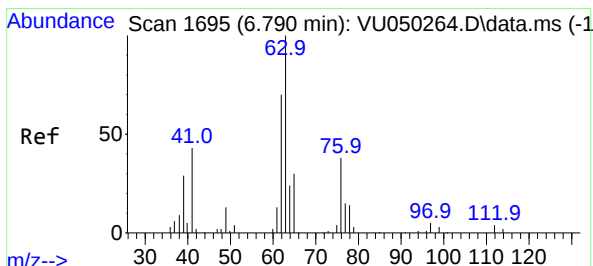
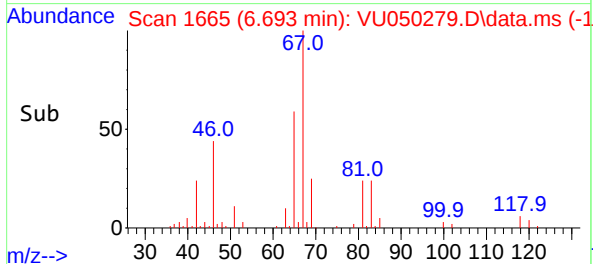
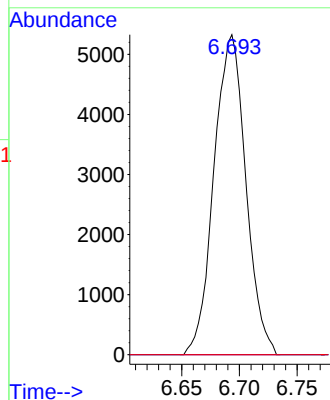
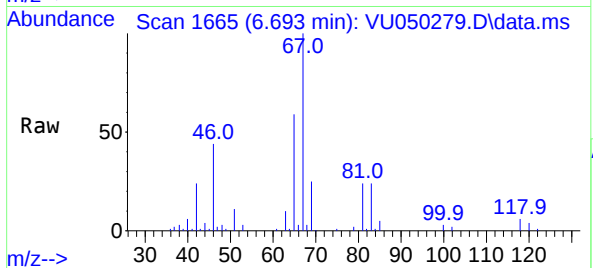
Acq: 12 Aug 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10240
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 1.3	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.480 ug/L

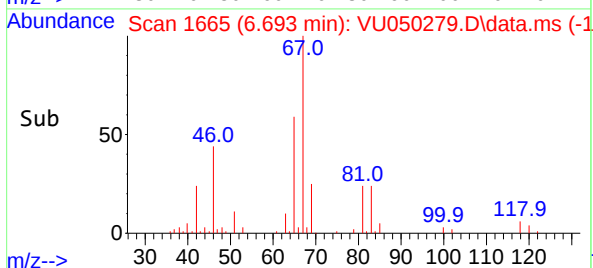
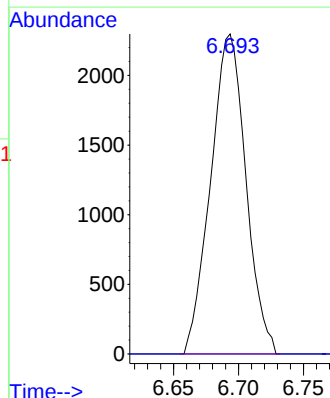
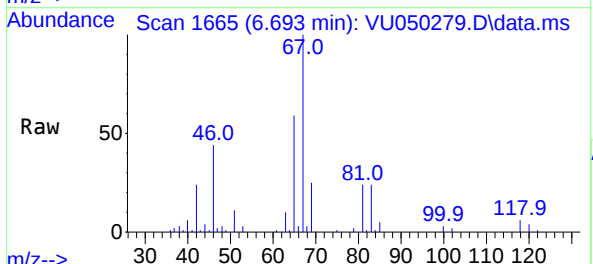
RT: 6.693 min Scan# 1665

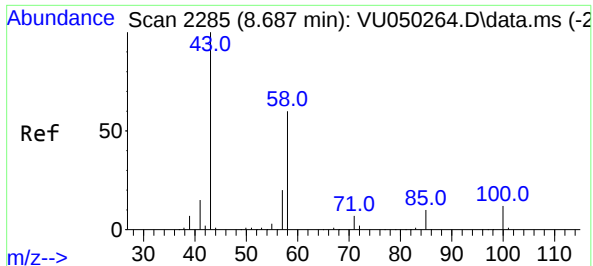
Delta R.T. -0.097 min

Lab File: VU050279.D

Acq: 12 Aug 2022 14:03

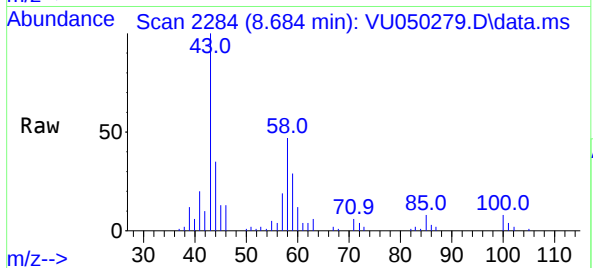
Tgt Ion: 63	Resp: 4338
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#



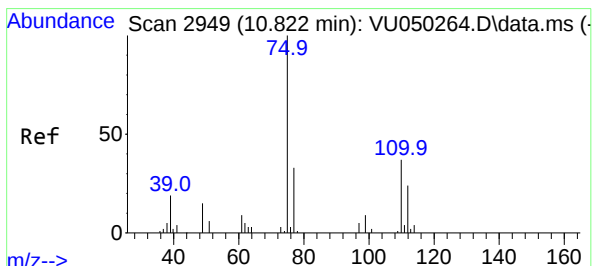
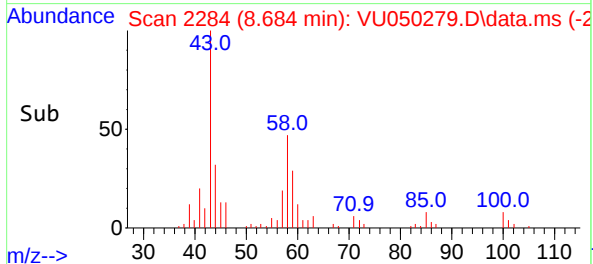
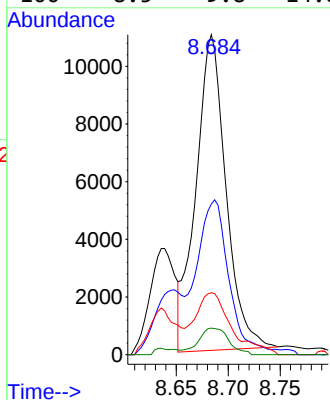


#48
2-Hexanone
Concen: 5.448 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050279.D
Acq: 12 Aug 2022 14:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 22050
Ion Ratio Lower Upper
43 100
58 49.5 50.6 76.0#
57 23.6 16.0 24.0
100 8.5 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 0.846 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050279.D
Acq: 12 Aug 2022 14:03

Tgt Ion: 75 Resp: 4455
Ion Ratio Lower Upper
75 100
110 0.9 28.5 42.7#
77 32.5 25.8 38.6

