

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050276.D
 Acq On : 12 Aug 2022 12:49
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 23:15:26 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)

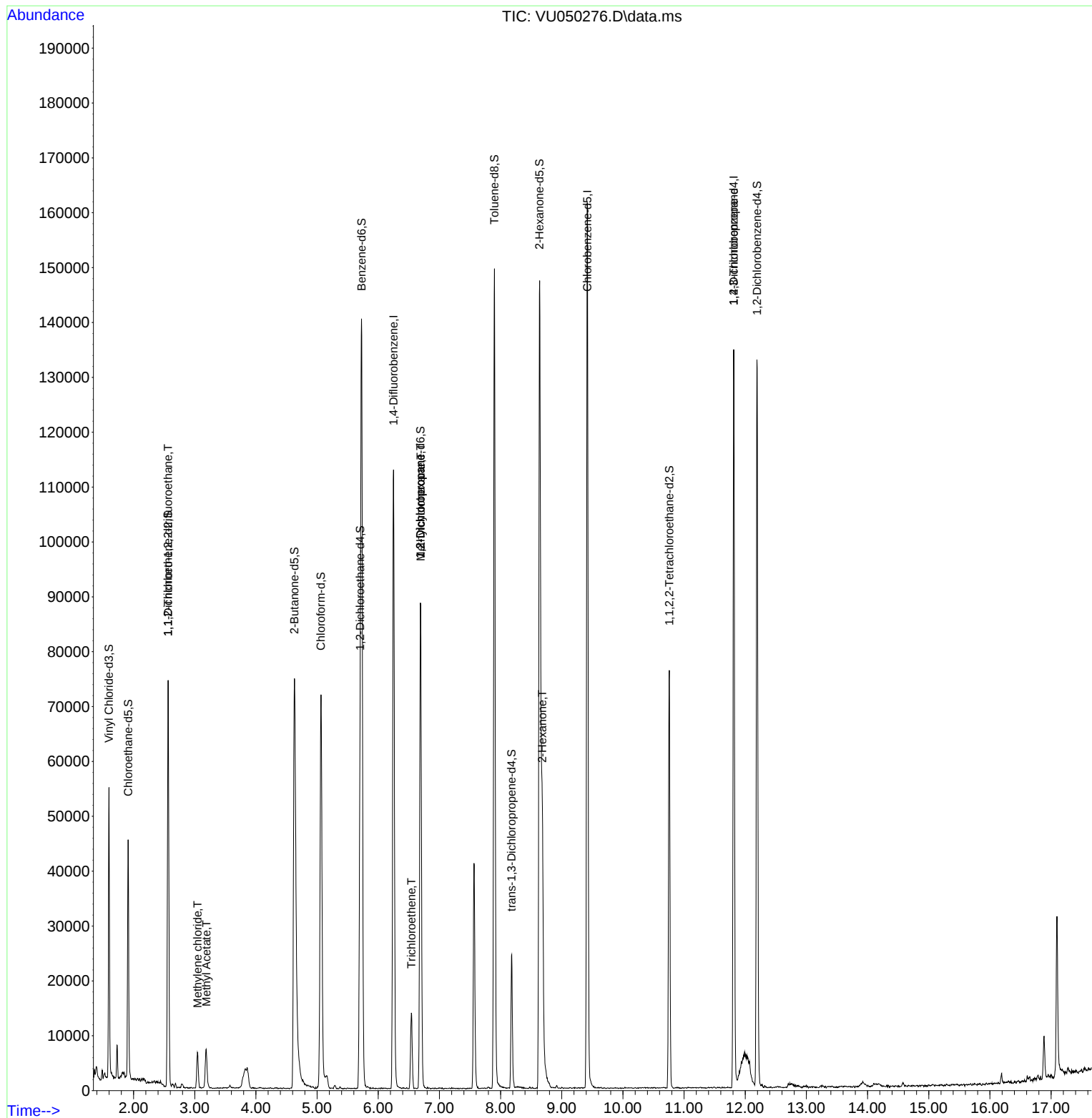
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	94247	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	94208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38601	4.922	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.400%	
7) Chloroethane-d5	1.912	69	31914	5.043	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.565	65	14115	4.605	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.000%	
20) 2-Butanone-d5	4.629	46	97663	51.061	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.120%	
24) Chloroform-d	5.063	84	67975	4.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.703	65	36394	4.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
32) Benzene-d6	5.729	84	133382	4.537	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.690	67	45152	4.664	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.899	98	103777	3.997	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	8.179	79	14150	4.079	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.636	63	45441	36.937	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.880%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39455	4.641	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	36247	5.009	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	439	0.071	ug/L #	22
15) Methyl Acetate	3.189	43	552	0.190	ug/L #	46
16) Methylene chloride	3.044	84	3110	0.312	ug/L	88
34) Trichloroethene	6.542	95	4653	0.583	ug/L	98
35) Methylcyclohexane	6.694	83	10438	1.013	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4767	0.542	ug/L #	89
48) 2-Hexanone	8.684	43	25960	6.591	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	4176	0.830	ug/L #	65

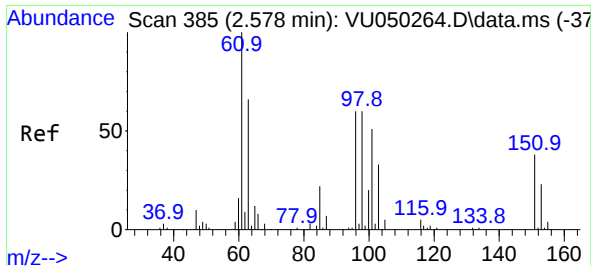
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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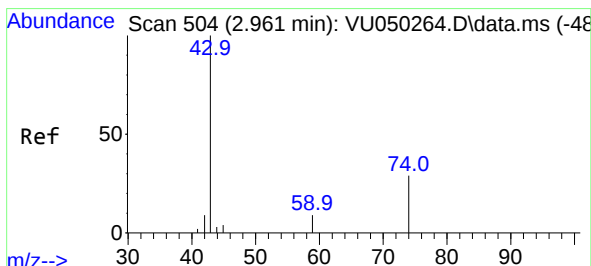
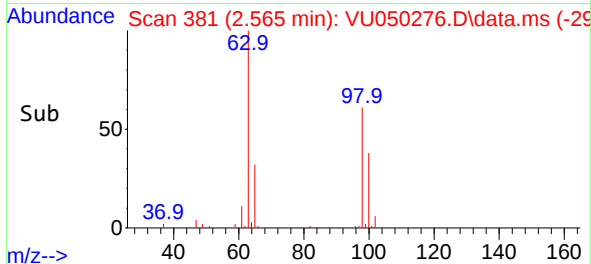
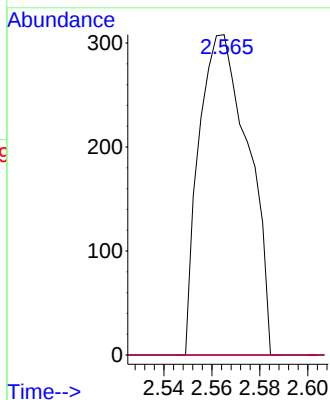
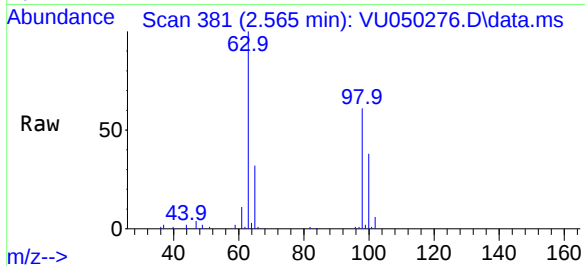




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU050276.D
Acq: 12 Aug 2022 12:49

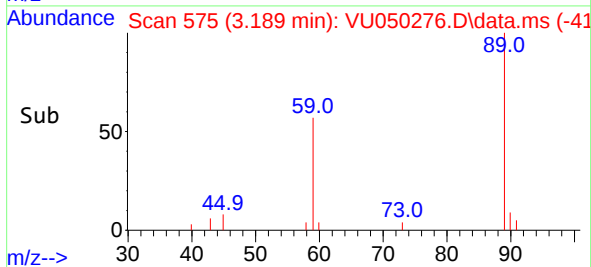
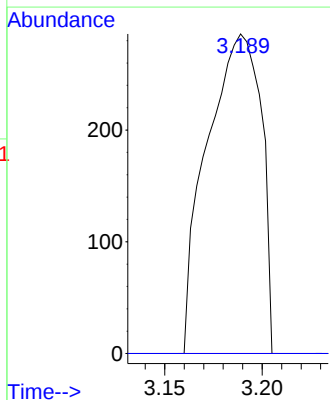
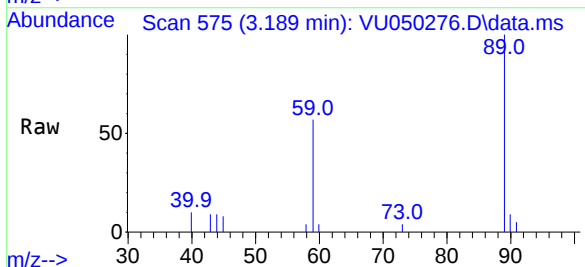
Instrument :
MSVOA_U
ClientSampleId :

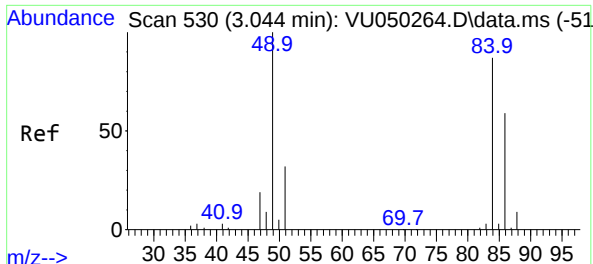
Tgt Ion:101 Resp: 439
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



#15
Methyl Acetate
Concen: 0.190 ug/L
RT: 3.189 min Scan# 575
Delta R.T. 0.228 min
Lab File: VU050276.D
Acq: 12 Aug 2022 12:49

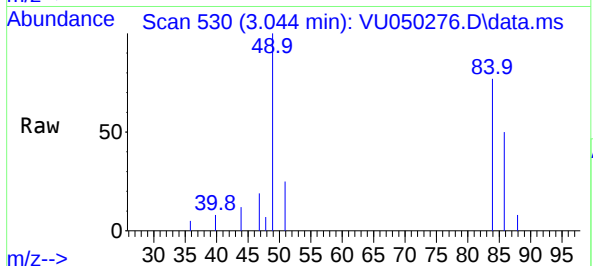
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#



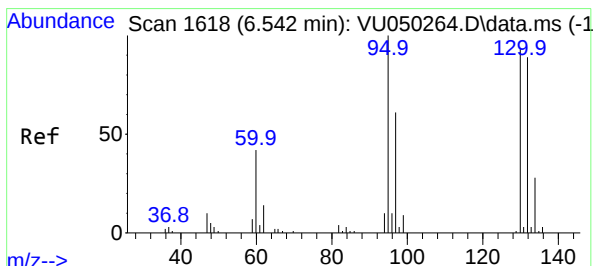
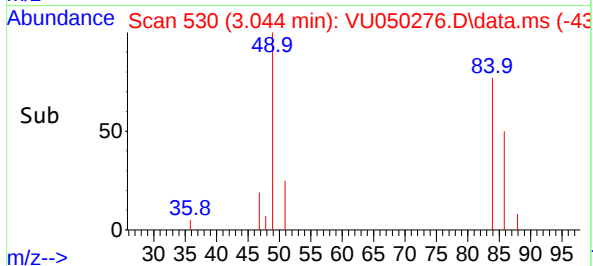
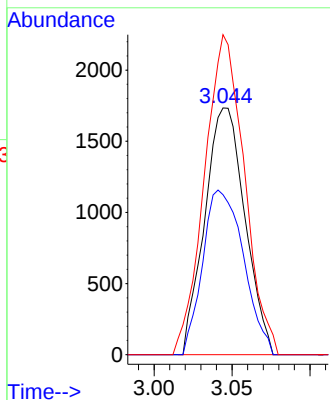


#16
Methylene chloride
Concen: 0.312 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050276.D
Acq: 12 Aug 2022 12:49

Instrument :
MSVOA_U
ClientSampleId :

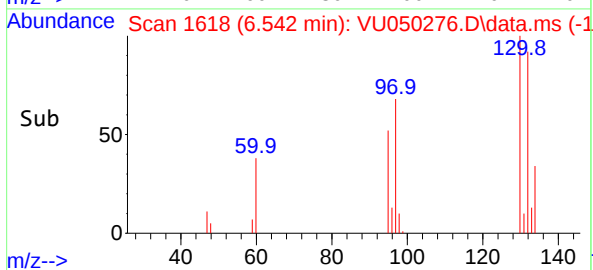
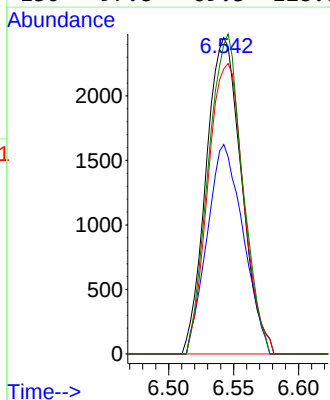
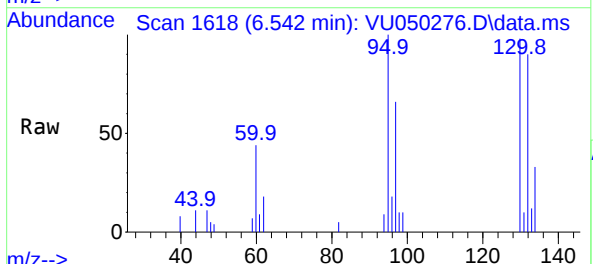


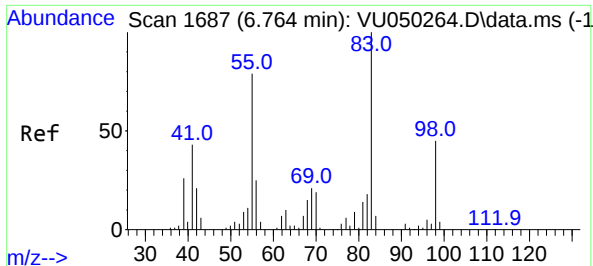
Tgt Ion: 84 Resp: 3110
Ion Ratio Lower Upper
84 100
86 64.9 45.9 85.3
49 129.7 77.6 144.0



#34
Trichloroethene
Concen: 0.583 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050276.D
Acq: 12 Aug 2022 12:49

Tgt Ion: 95 Resp: 4653
Ion Ratio Lower Upper
95 100
97 66.2 45.6 84.8
132 90.1 65.0 120.6
130 97.8 69.3 128.7

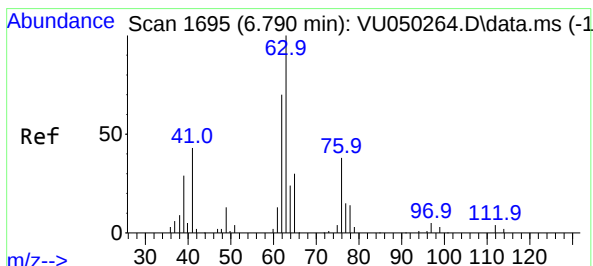
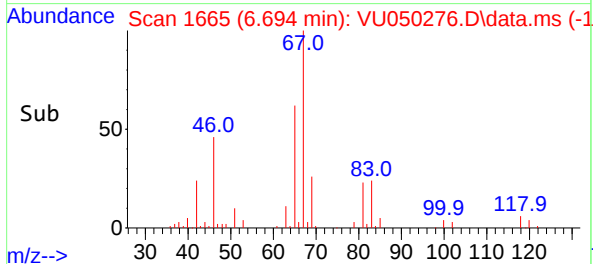
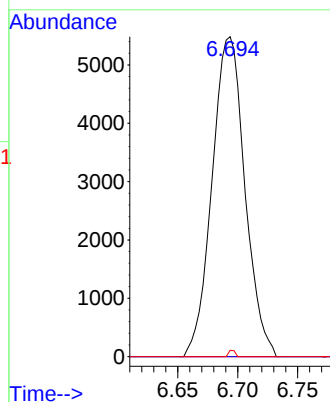
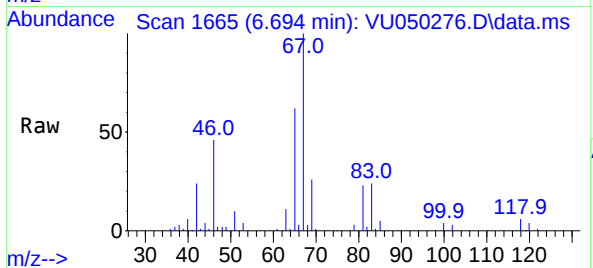




#35
Methylcyclohexane
Concen: 1.013 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050276.D
Acq: 12 Aug 2022 12:49

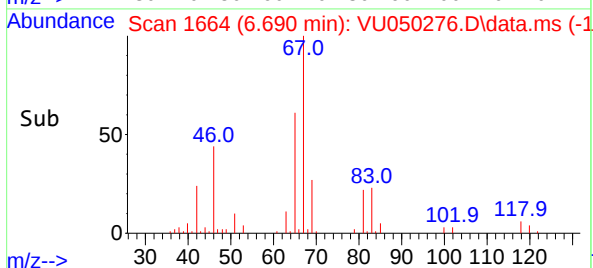
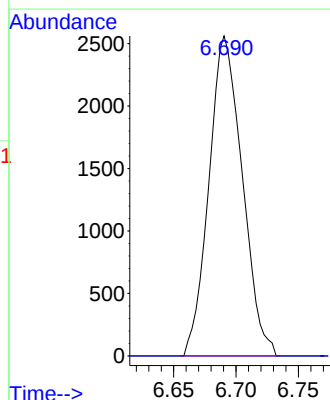
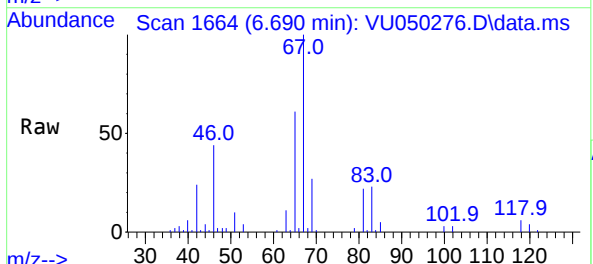
Instrument :
MSVOA_U
ClientSampleId :

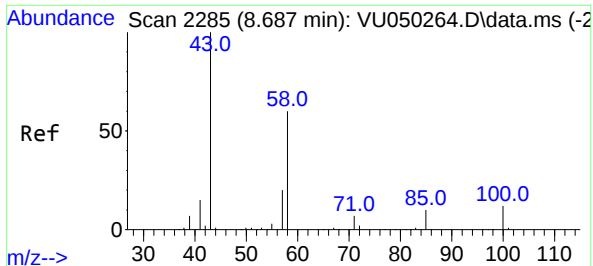
Tgt Ion:	83	Resp:	10438
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.4	36.2	54.2#



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU050276.D
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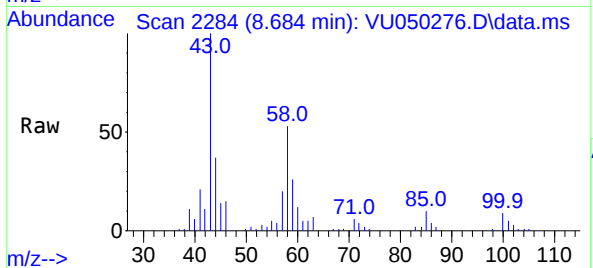
Tgt Ion:	63	Resp:	4767
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



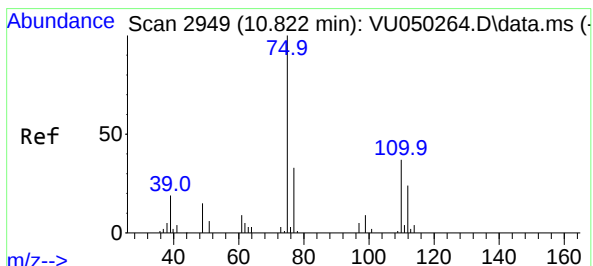
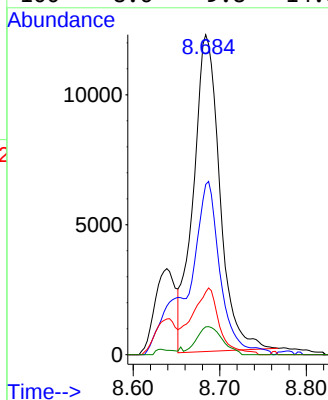
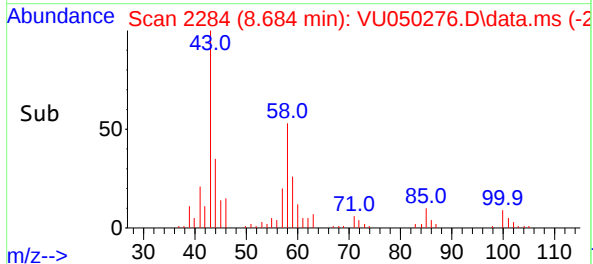


#48
2-Hexanone
Concen: 6.591 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050276.D
Acq: 12 Aug 2022 12:49

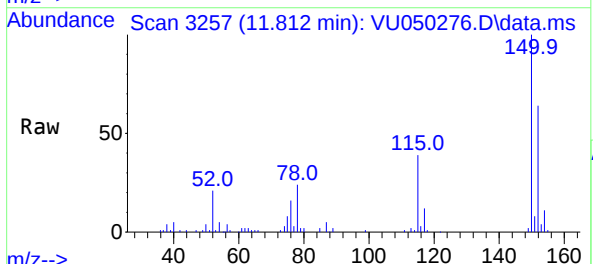
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 25960
Ion Ratio Lower Upper
43 100
58 52.2 50.6 76.0
57 22.1 16.0 24.0
100 8.6 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 0.830 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050276.D
Acq: 12 Aug 2022 12:49



Tgt Ion: 75 Resp: 4176
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 35.3 25.8 38.6

