

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050345.D
 Acq On : 15 Aug 2022 16:48
 Operator : SY/MD
 Sample : N4115-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 16 00:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:29:27 2022
 Response via : Initial Calibration

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

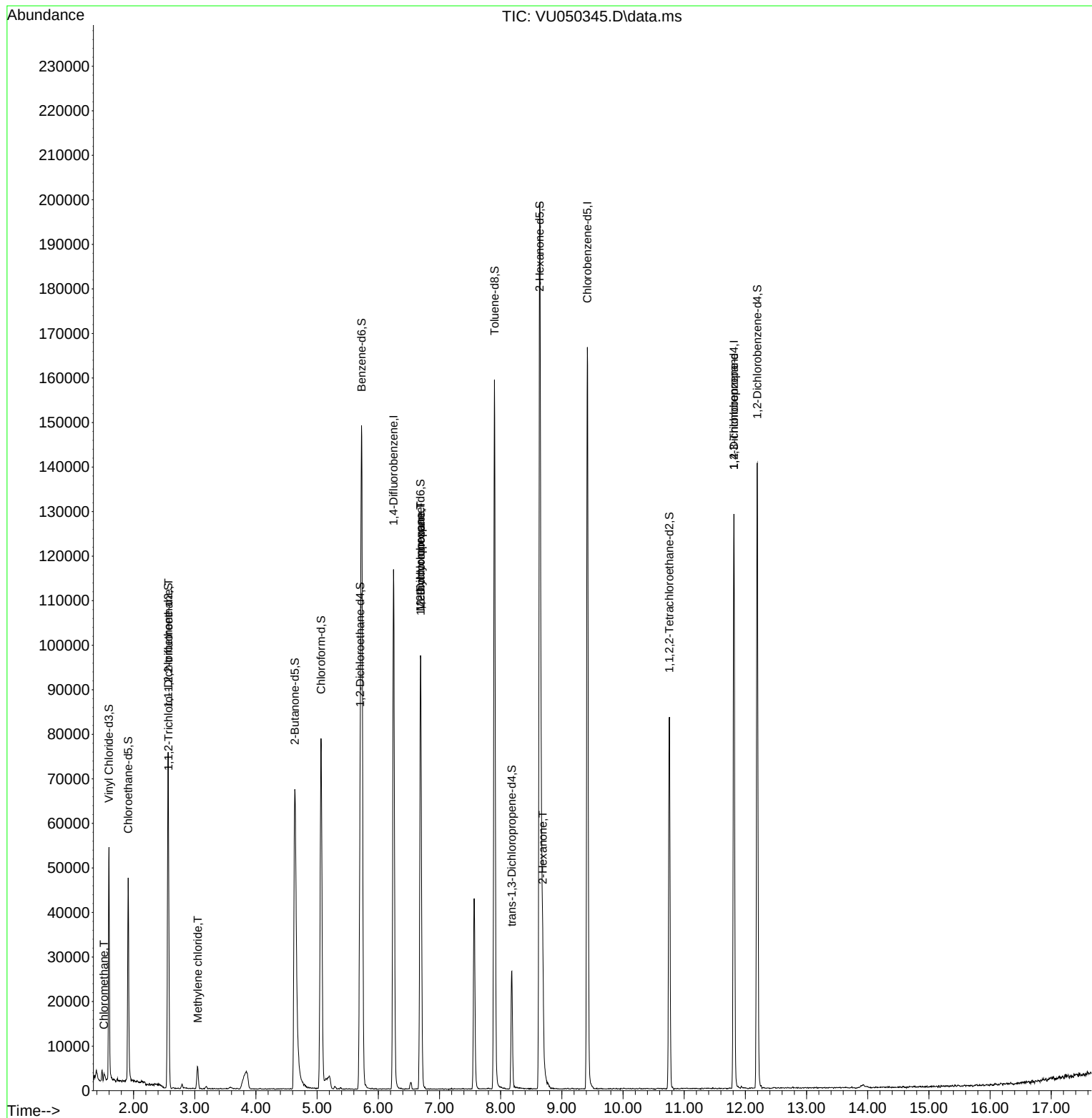
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	95482	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	96310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38301	4.820	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.400%	
7) Chloroethane-d5	1.912	69	32429	5.058	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.200%	
11) 1,1-Dichloroethene-d2	2.565	65	14329	4.614	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.200%	
20) 2-Butanone-d5	4.636	46	116781	60.267	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.540%	
24) Chloroform-d	5.063	84	74192	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.703	65	39776	5.242	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.729	84	140689	4.681	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	6.690	67	49874	5.039	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.899	98	109486	4.125	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	8.182	79	15869	4.474	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.636	63	60668	48.237	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.480%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45227	5.204	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37678	5.316	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1864	0.163	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	336	0.054	ug/L #	22
16) Methylene chloride	3.047	84	2462	0.244	ug/L	97
35) Methylcyclohexane	6.690	83	11363	1.079	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5062	0.563	ug/L #	89
48) 2-Hexanone	8.687	43	17327	4.303	ug/L #	83
61) 1,2,3-Trichloropropane	11.812	75	4198	0.852	ug/L #	65

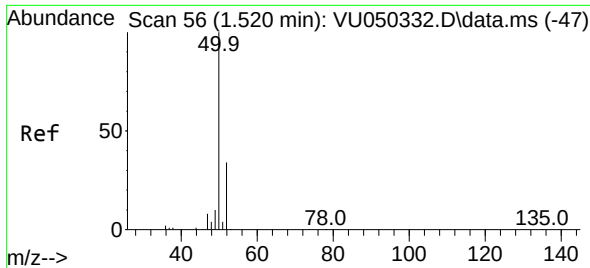
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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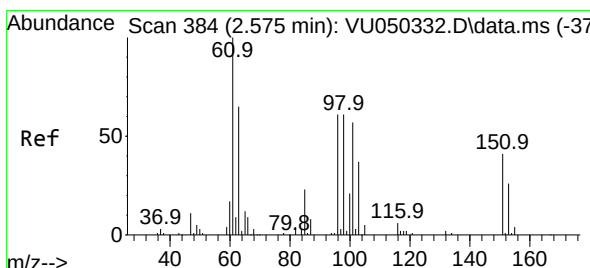
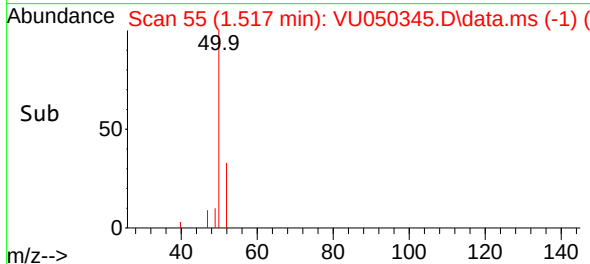
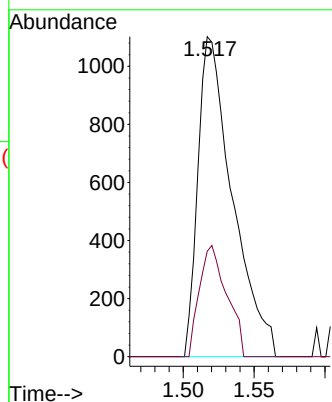
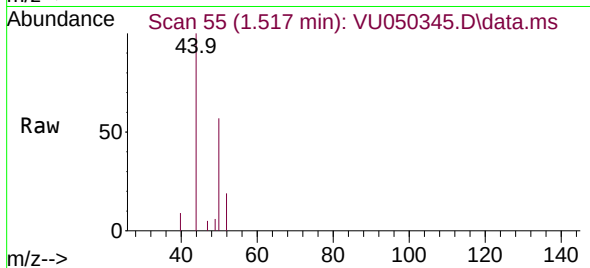




#3
Chloromethane
Concen: 0.163 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.004 min
Lab File: VU050345.D
Acq: 15 Aug 2022 16:48

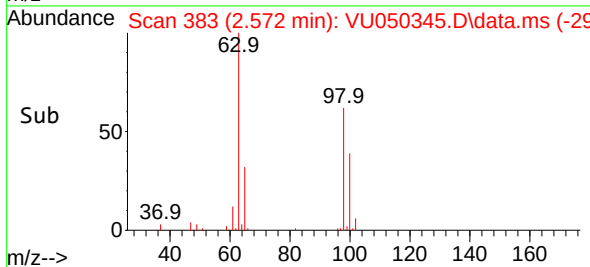
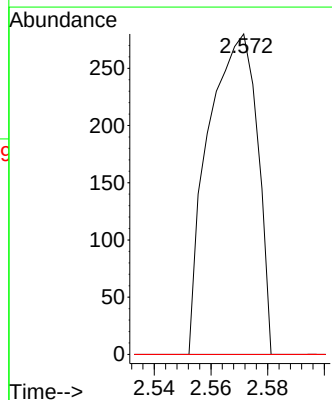
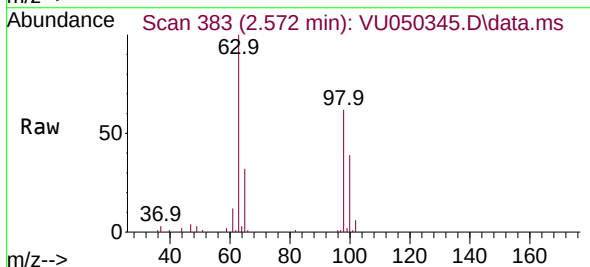
Instrument :
MSVOA_U
ClientSampleId :

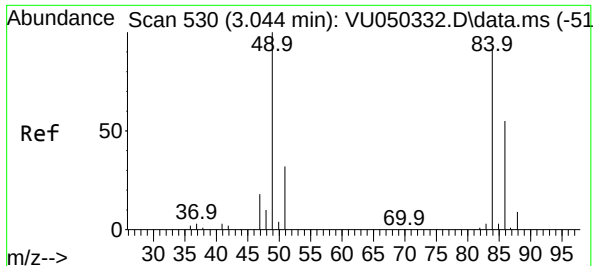
Tgt Ion: 50 Resp: 1864
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.004 min
Lab File: VU050345.D
Acq: 15 Aug 2022 16:48

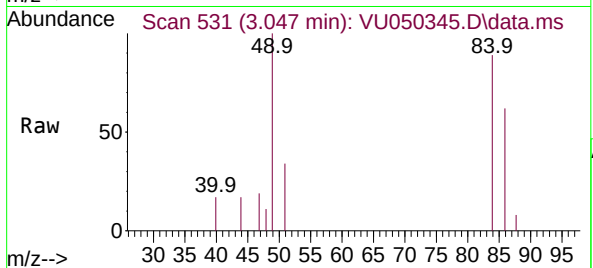
Tgt Ion: 101 Resp: 336
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



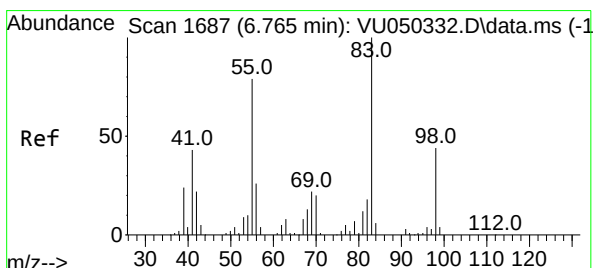
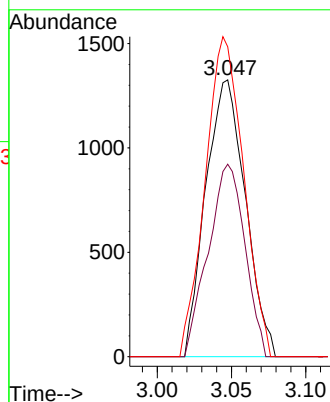
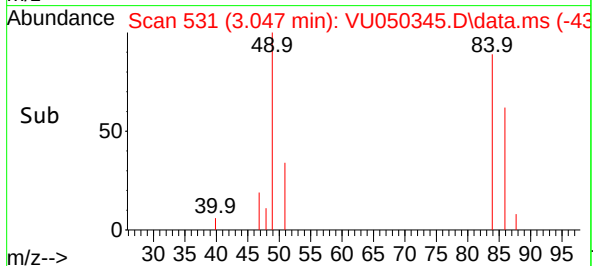


#16
Methylene chloride
Concen: 0.244 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050345.D
Acq: 15 Aug 2022 16:48

Instrument :
MSVOA_U
ClientSampleId :

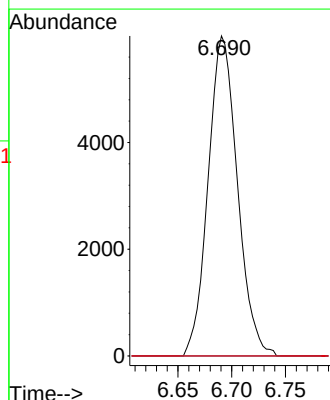
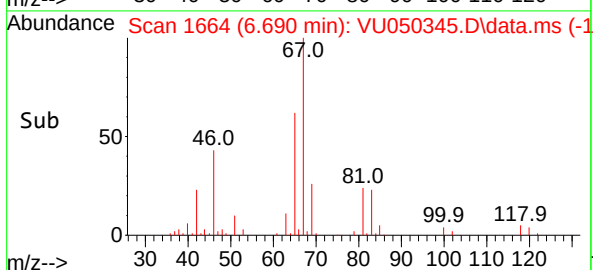
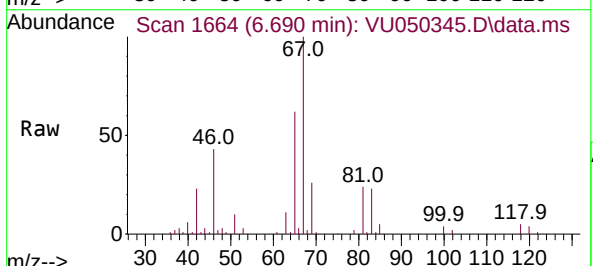


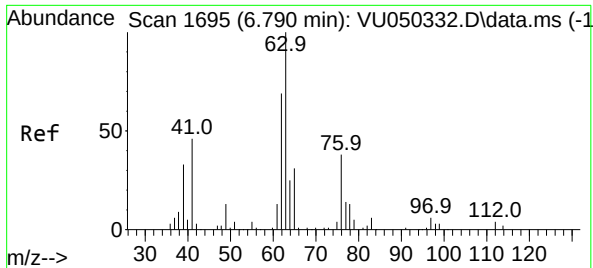
Tgt Ion: 84 Resp: 2462
Ion Ratio Lower Upper
84 100
86 69.5 45.9 85.3
49 112.0 77.6 144.0



#35
Methylcyclohexane
Concen: 1.079 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050345.D
Acq: 15 Aug 2022 16:48

Tgt Ion: 83 Resp: 11363
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 36.2 54.2#

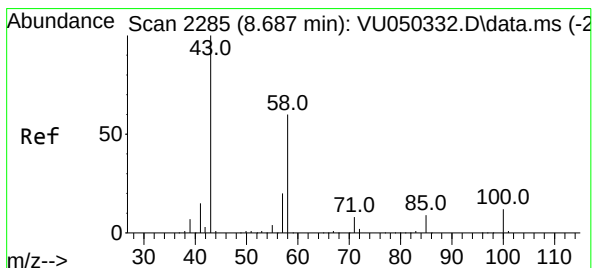
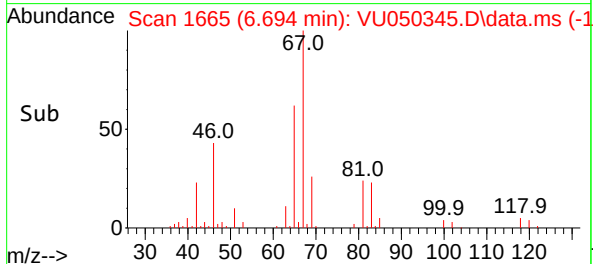
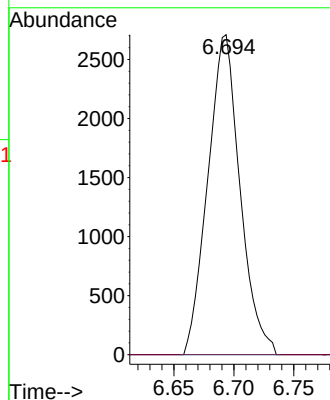
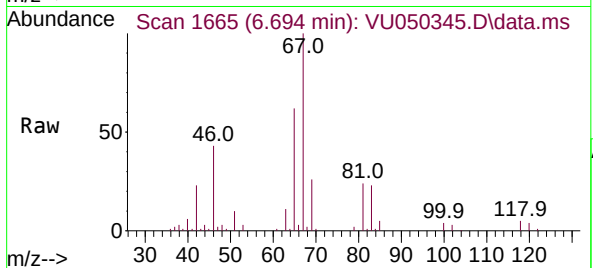




#37
1,2-Dichloropropane
Concen: 0.563 ug/L
RT: 6.694 min Scan# 11
Delta R.T. -0.097 min
Lab File: VU050345.D
Acq: 15 Aug 2022 16:48

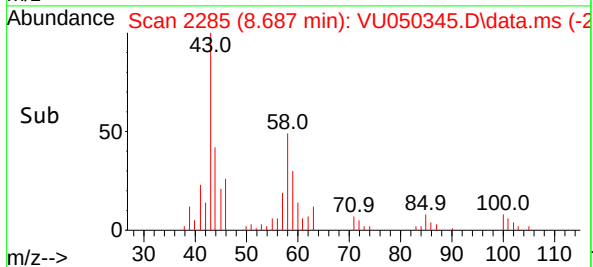
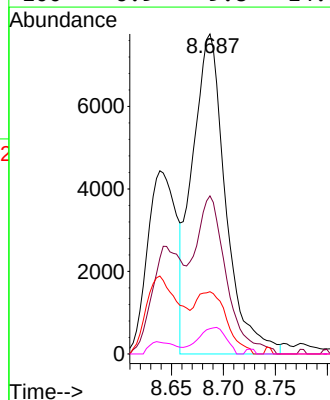
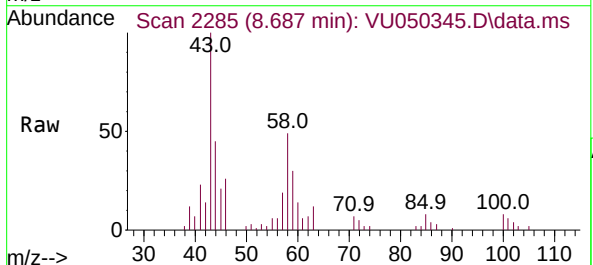
Instrument :
MSVOA_U
ClientSampleId :

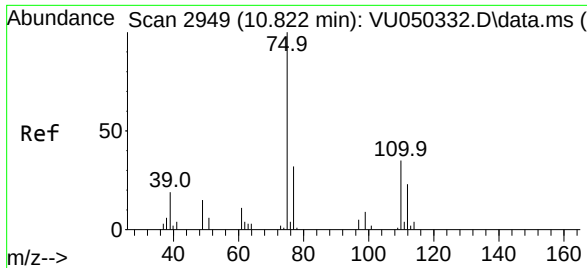
Tgt Ion: 63 Resp: 5062
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#48
2-Hexanone
Concen: 4.303 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU050345.D
Acq: 15 Aug 2022 16:48

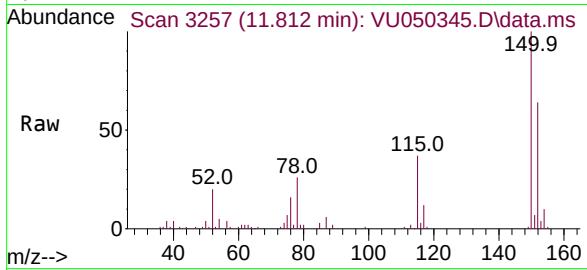
Tgt Ion: 43 Resp: 17327
Ion Ratio Lower Upper
43 100
58 46.2 50.6 76.0#
57 18.4 16.0 24.0
100 6.9 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.852 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050345.D
 Acq: 15 Aug 2022 16:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4198
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 28.8 25.8 38.6

