

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
 Data File : VU044716.D
 Acq On : 20 Sep 2021 18:04
 Operator : SY/MD
 Sample : M3789-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CE8

Quant Time: Sep 21 02:50:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 21 02:46:41 2021
 Response via : Initial Calibration

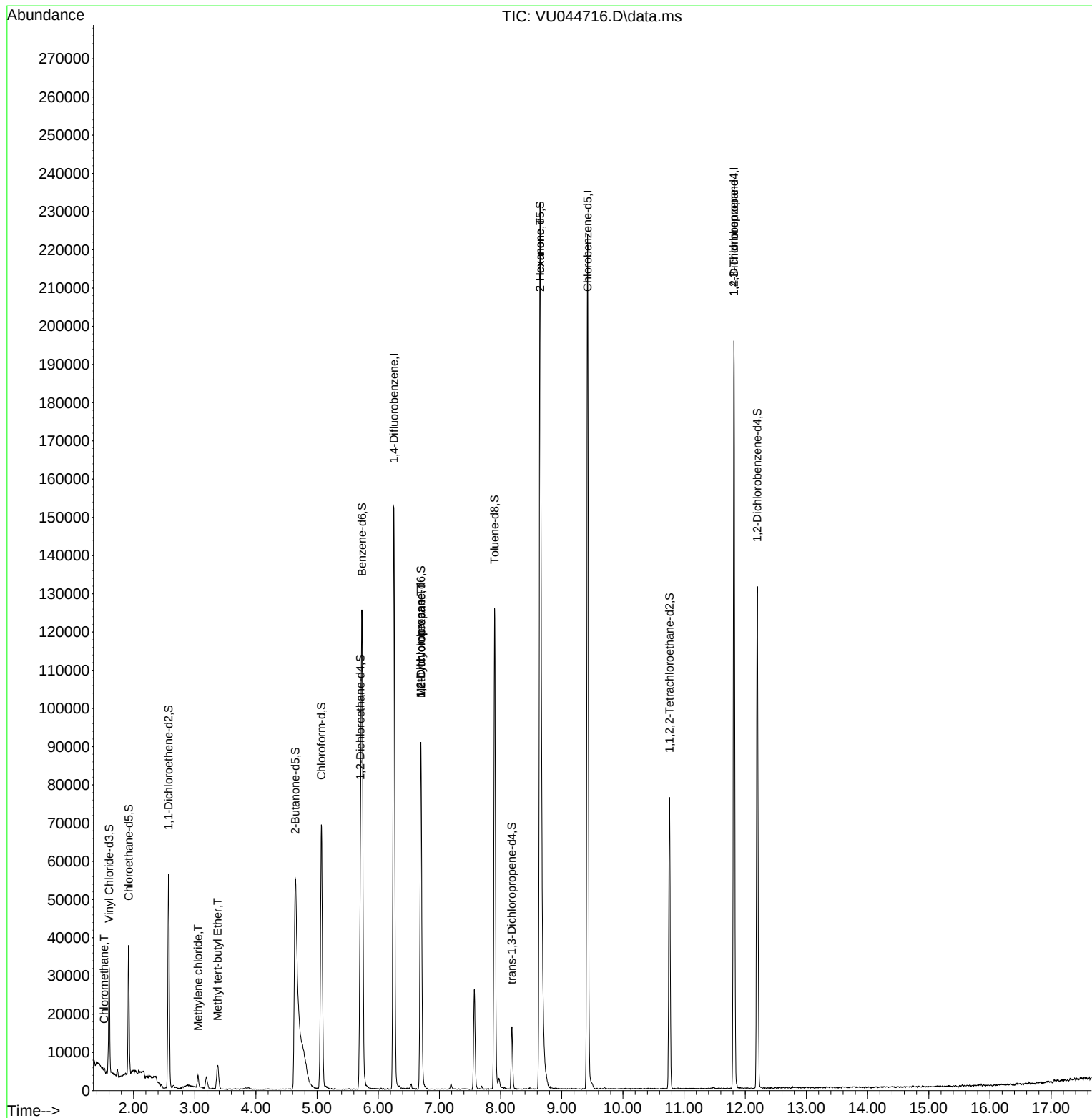
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	116830	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	116669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	47320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18531	2.688	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	53.800%	
7) Chloroethane-d5	1.919	69	24274	3.451	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	69.000%	
11) 1,1-Dichloroethene-d2	2.572	65	10864	3.120	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.400%	
20) 2-Butanone-d5	4.646	46	153208	53.019	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.040%	
24) Chloroform-d	5.070	84	62262	4.294	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.710	65	38071	4.403	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
32) Benzene-d6	5.736	84	109002	3.664	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.200%	
36) 1,2-Dichloropropane-d6	6.697	67	41473	4.245	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.000%	
41) Toluene-d8	7.903	98	81971	3.165	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	63.400%#	
43) trans-1,3-Dichloroprop...	8.182	79	9235	2.682	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	53.600%#	
46) 2-Hexanone-d5	8.645	63	103213	46.632	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.260%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	38614	4.458	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	12.198	152	32290	4.135	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.800%	
Target Compounds						
3) Chloromethane	1.520	50	919	0.082	ug/L	97
16) Methylene chloride	3.054	84	1315	0.110	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	7172	0.346	ug/L #	87
35) Methylcyclohexane	6.697	83	9399	0.667	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	4574	0.493	ug/L #	88
48) 2-Hexanone	8.645	43	16873	3.139	ug/L #	73
61) 1,2,3-Trichloropropane	11.816	75	7102	1.358	ug/L #	68

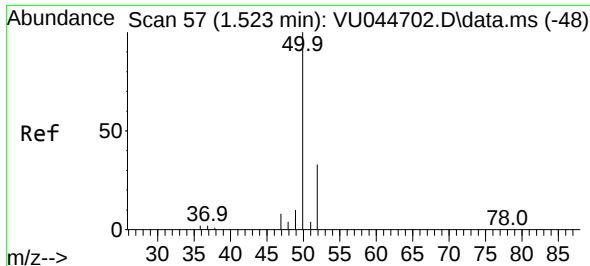
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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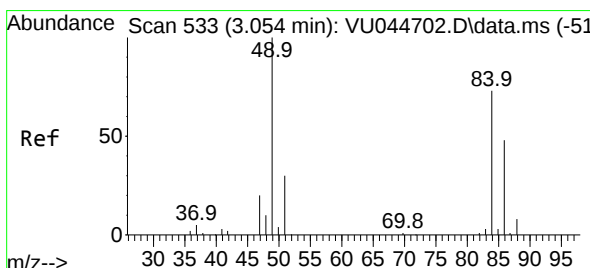
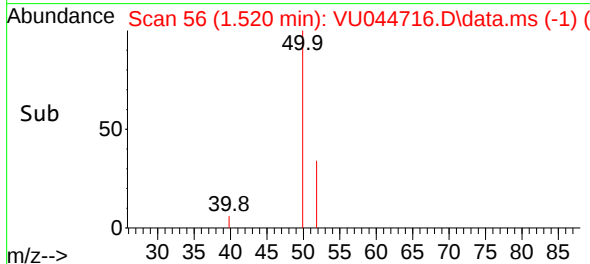
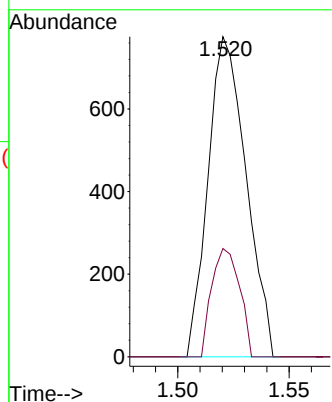
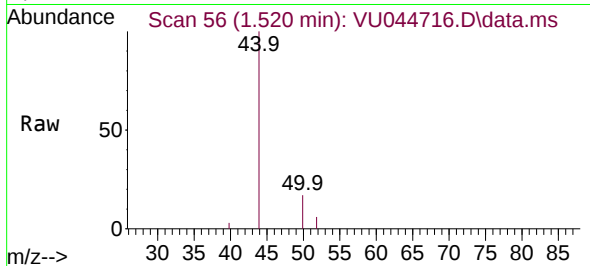




#3
Chloromethane
Concen: 0.082 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044716.D
Acq: 20 Sep 2021 18:04

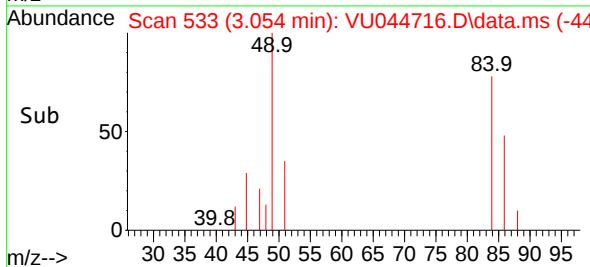
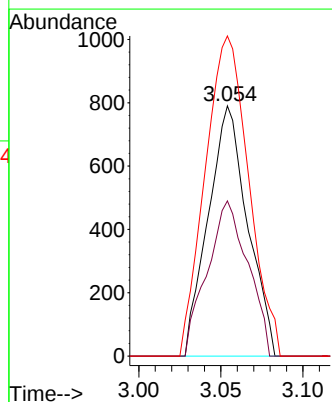
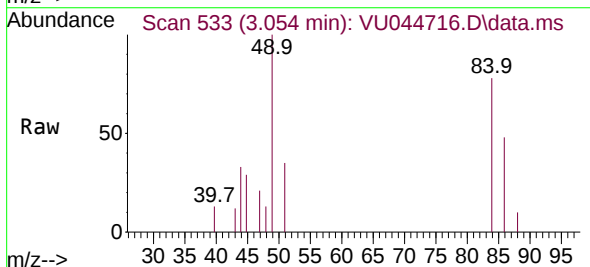
Instrument :
MSVOA_U
ClientSampleId :
C0CE8

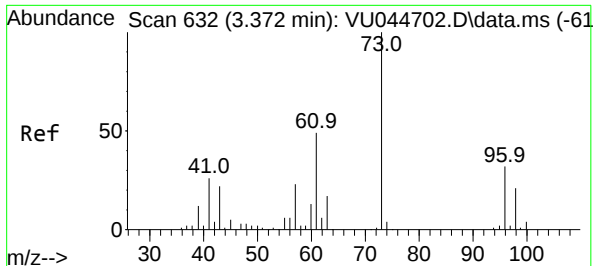
Tgt Ion: 50 Resp: 919
Ion Ratio Lower Upper
50 100
52 33.8 22.6 42.0



#16
Methylene chloride
Concen: 0.110 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044716.D
Acq: 20 Sep 2021 18:04

Tgt Ion: 84 Resp: 1315
Ion Ratio Lower Upper
84 100
86 62.0 45.8 85.2
49 128.0 92.9 172.5



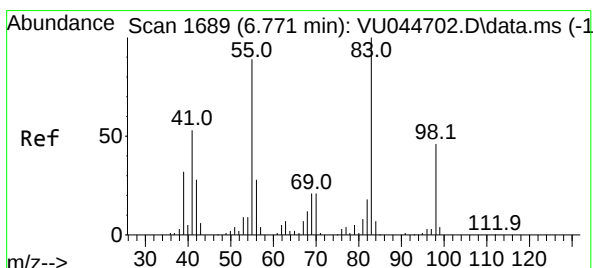
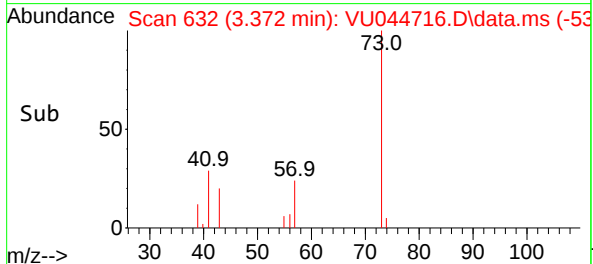
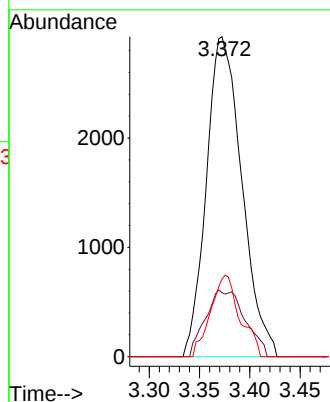
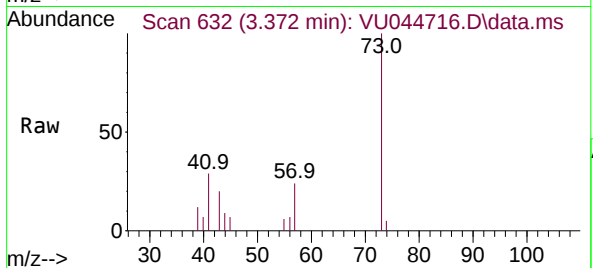


#17

Methyl tert-butyl Ether
Concen: 0.346 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044716.D
Acq: 20 Sep 2021 18:04

Instrument :
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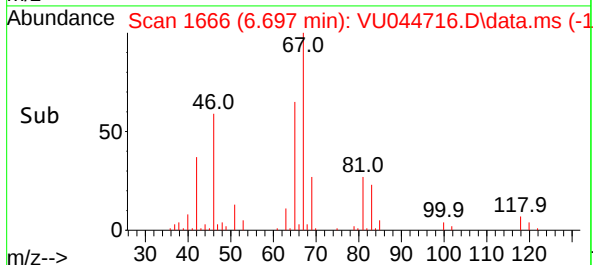
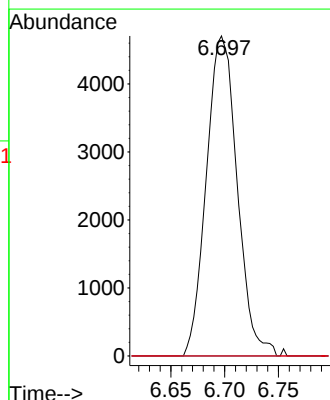
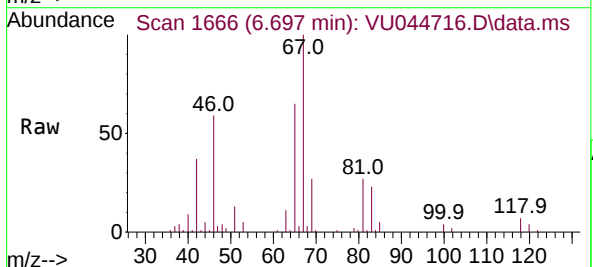
Tgt Ion: 73	Resp: 7172
Ion Ratio	Lower Upper
73 100	
43 11.9	17.8 26.6#
57 21.1	18.6 27.8

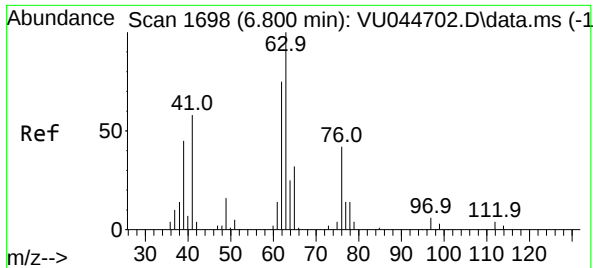


#35

Methylcyclohexane
Concen: 0.667 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044716.D
Acq: 20 Sep 2021 18:04

Tgt Ion: 83	Resp: 9399
Ion Ratio	Lower Upper
83 100	
55 0.0	68.3 102.5#
98 2.5	37.3 55.9#

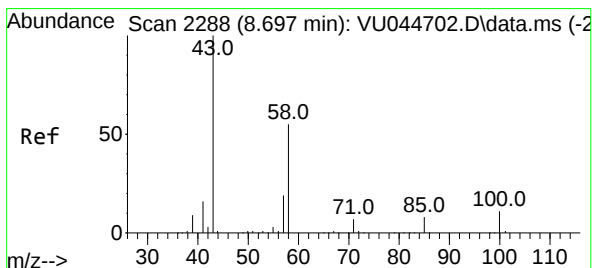
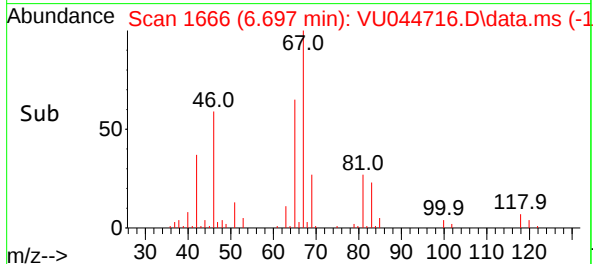
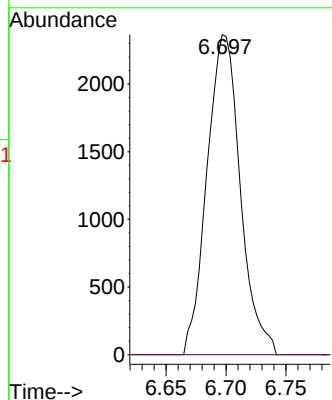
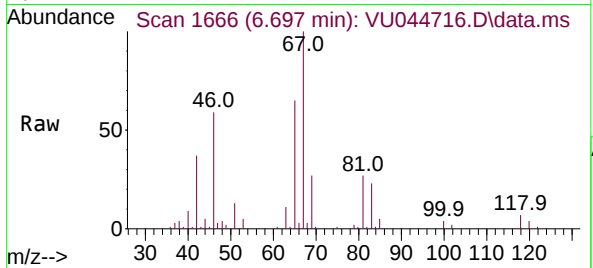




#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044716.D
Acq: 20 Sep 2021 18:04

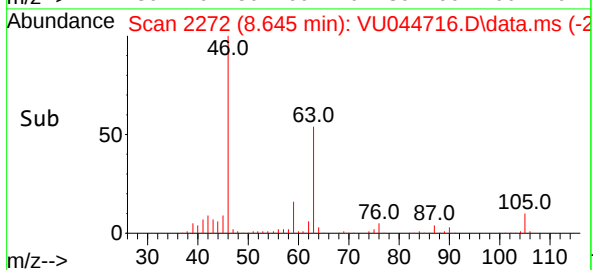
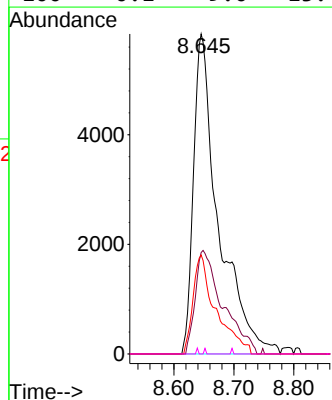
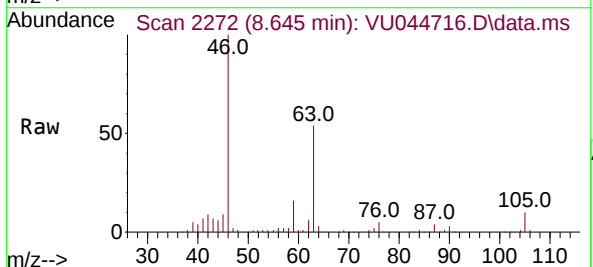
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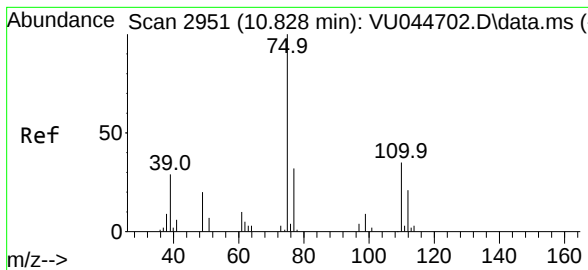
Tgt Ion: 63 Resp: 4574
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#48
2-Hexanone
Concen: 3.139 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044716.D
Acq: 20 Sep 2021 18:04

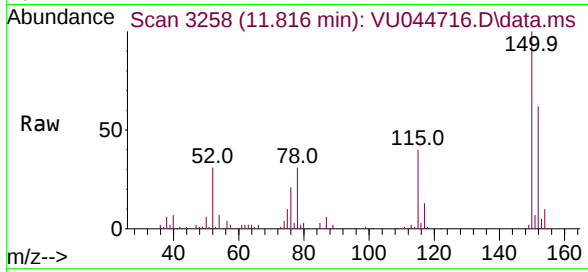
Tgt Ion: 43 Resp: 16873
Ion Ratio Lower Upper
43 100
58 35.7 44.6 66.8#
57 28.4 14.8 22.2#
100 0.1 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.358 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044716.D
 Acq: 20 Sep 2021 18:04

Instrument :
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Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.6	28.8	43.2#
77	31.6	25.9	38.9

