

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055258.D
 Acq On : 12 Sep 2023 19:19
 Operator : MD/SY
 Sample : 04306-13 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:49:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

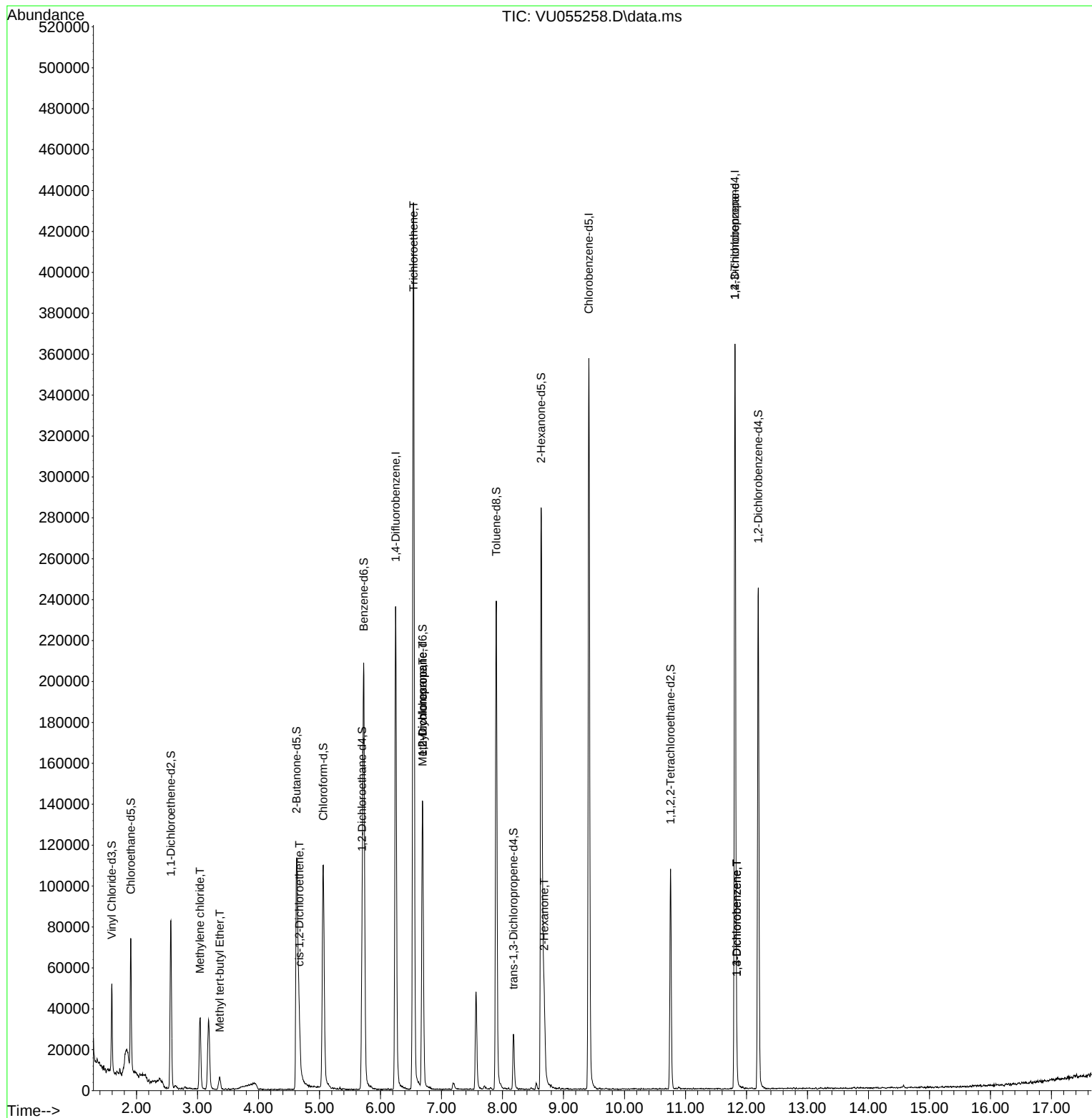
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	187209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	95307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28811	3.284	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.600%	
7) Chloroethane-d5	1.907	69	46584	4.587	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.563	65	15852	3.171	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.400%	
20) 2-Butanone-d5	4.624	46	141294	55.492	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.980%	
24) Chloroform-d	5.058	84	101344	4.353	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.698	65	55605	4.774	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.727	84	192303	3.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.400%	
36) 1,2-Dichloropropane-d6	6.688	67	67406	4.324	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.400%	
41) Toluene-d8	7.897	98	163001	3.611	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.200%	
43) trans-1,3-Dichloroprop...	8.180	79	16693	3.889	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.800%	
46) 2-Hexanone-d5	8.634	63	91598	52.560	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.120%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52048	4.748	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	63584	4.571	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	17754	1.342	ug/L	95
17) Methyl tert-butyl Ether	3.364	73	6291	0.277	ug/L #	95
22) cis-1,2-Dichloroethene	4.669	96	9207	0.857	ug/L	83
34) Trichloroethene	6.541	95	142887	12.167	ug/L	99
35) Methylcyclohexane	6.692	83	15633	0.949	ug/L #	19
37) 1,2-Dichloropropane	6.688	63	7485	0.651	ug/L #	90
48) 2-Hexanone	8.685	43	22857	4.447	ug/L #	80
61) 1,2,3-Trichloropropane	11.810	75	13974	2.209	ug/L #	68
64) 1,3-Dichlorobenzene	11.839	146	3567	0.167	ug/L	100
65) 1,4-Dichlorobenzene	11.839	146	3567	0.168	ug/L	97

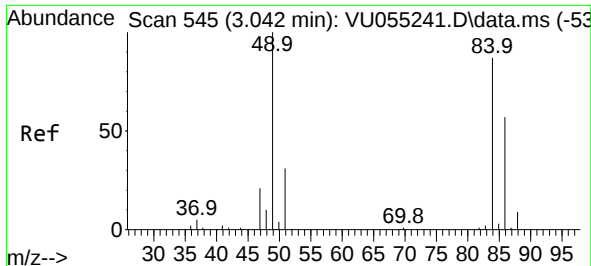
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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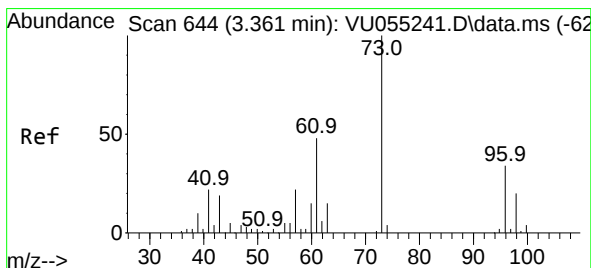
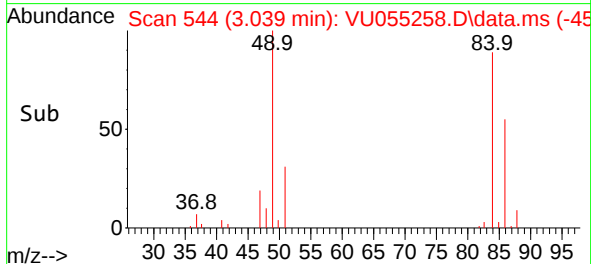
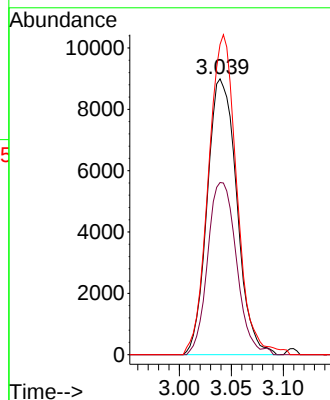
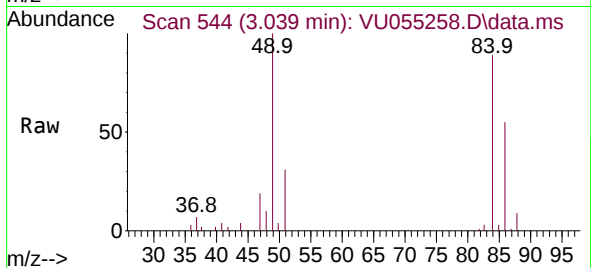




#16
Methylene chloride
Concen: 1.342 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU055258.D
Acq: 12 Sep 2023 19:19

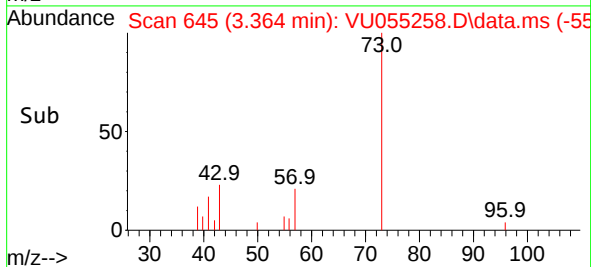
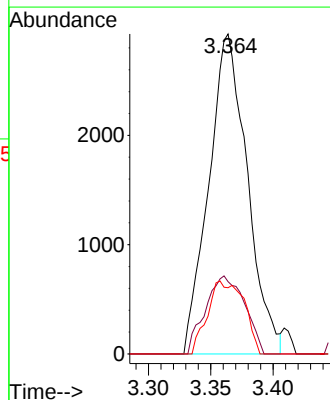
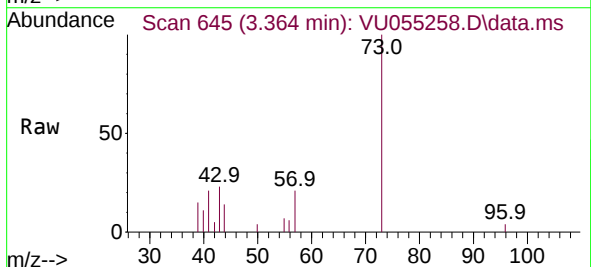
Instrument :
MSVOA_U
ClientSampleId :

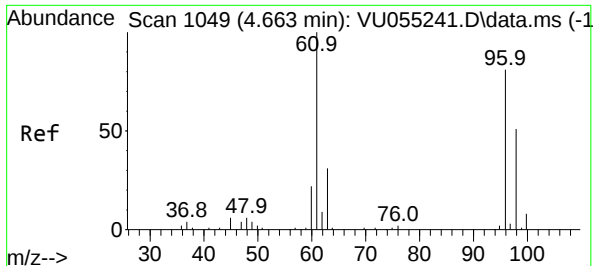
Tgt Ion: 84 Resp: 17754
Ion Ratio Lower Upper
84 100
86 62.4 43.4 80.6
49 116.8 87.7 162.9



#17
Methyl tert-butyl Ether
Concen: 0.277 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.003 min
Lab File: VU055258.D
Acq: 12 Sep 2023 19:19

Tgt Ion: 73 Resp: 6291
Ion Ratio Lower Upper
73 100
43 24.8 16.2 24.2#
57 21.5 17.4 26.2

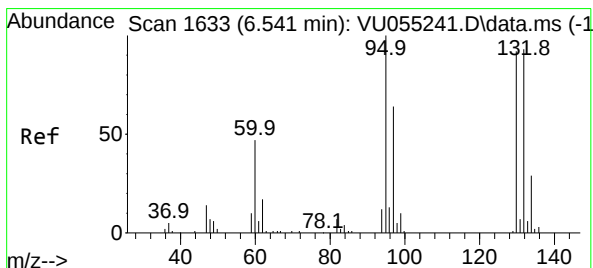
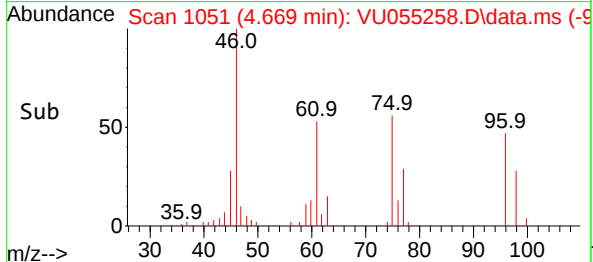
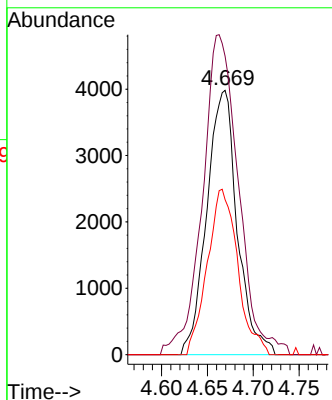
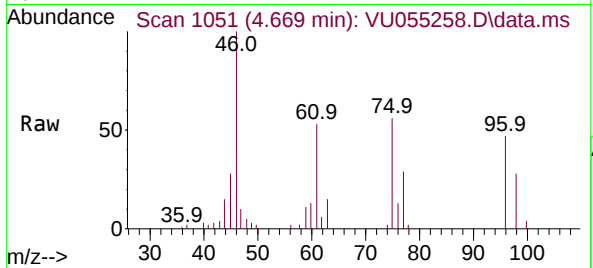




#22
 cis-1,2-Dichloroethene
 Concen: 0.857 ug/L
 RT: 4.669 min Scan# 1049
 Delta R.T. 0.006 min
 Lab File: VU055258.D
 Acq: 12 Sep 2023 19:19

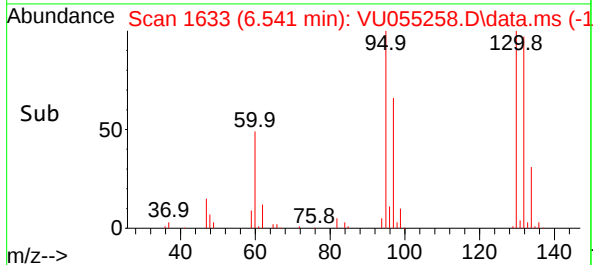
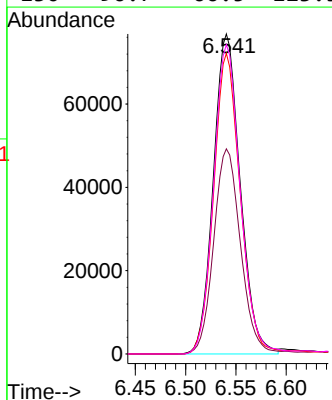
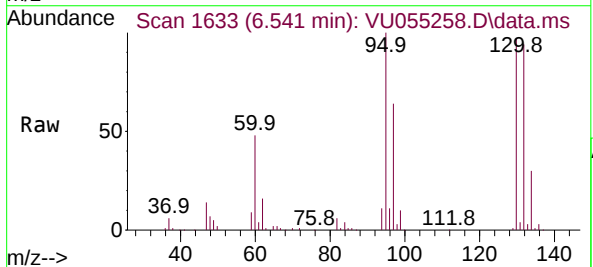
Instrument :
 MSVOA_U
 ClientSampleId :

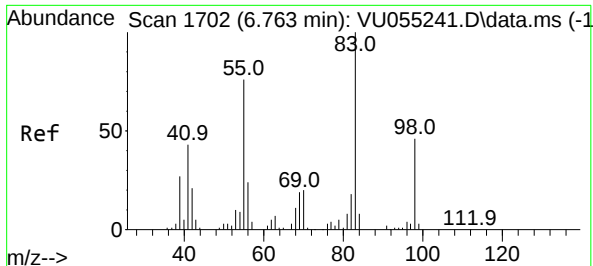
Tgt Ion: 96 Resp: 9207
 Ion Ratio Lower Upper
 96 100
 61 113.0 97.2 180.4
 98 58.6 46.1 85.7



#34
 Trichloroethene
 Concen: 12.167 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU055258.D
 Acq: 12 Sep 2023 19:19

Tgt Ion: 95 Resp: 142887
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.7 83.1
 132 94.0 66.6 123.6
 130 96.7 66.5 123.5





#35

Methylcyclohexane

Concen: 0.949 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055258.D

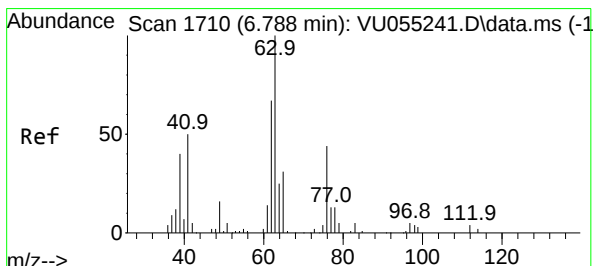
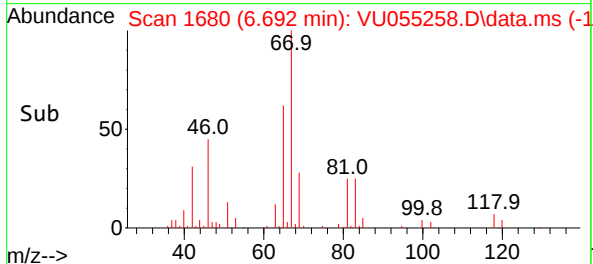
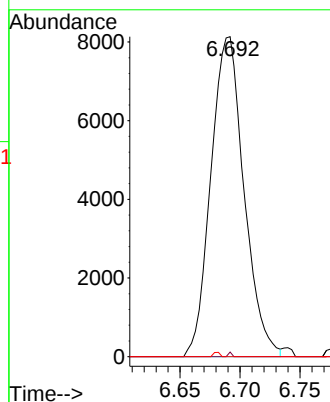
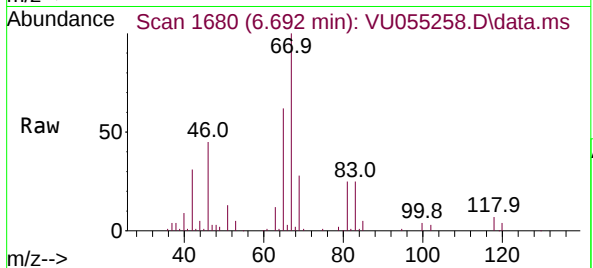
Acq: 12 Sep 2023 19:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	15633
Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.4	90.6#
98	0.0	35.3	52.9#



#37

1,2-Dichloropropane

Concen: 0.651 ug/L

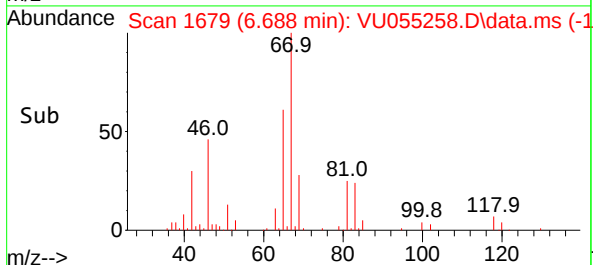
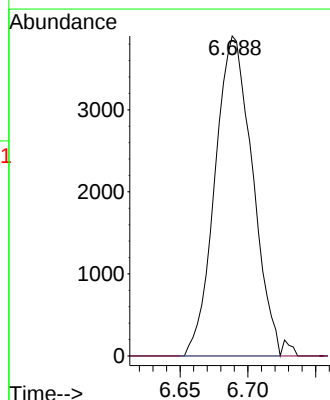
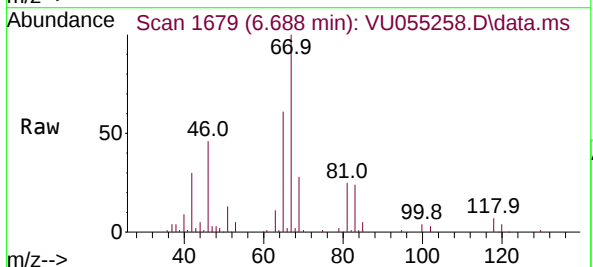
RT: 6.688 min Scan# 1679

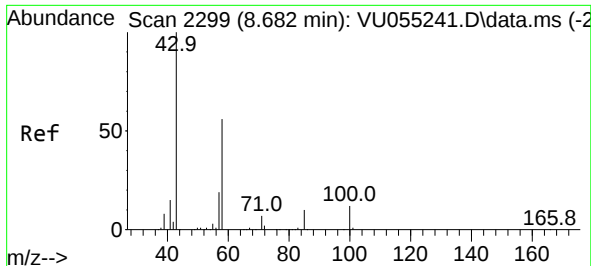
Delta R.T. -0.100 min

Lab File: VU055258.D

Acq: 12 Sep 2023 19:19

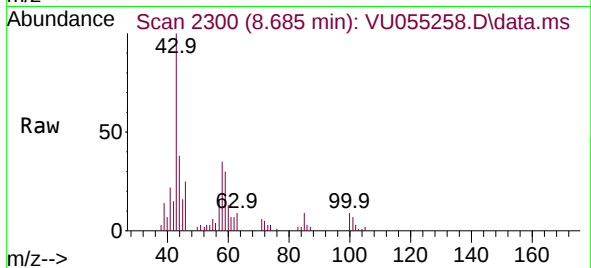
Tgt Ion:	63	Resp:	7485
Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.2	4.8#



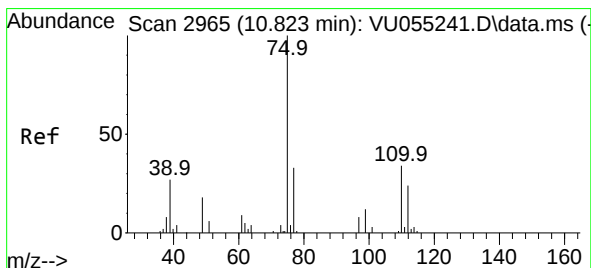
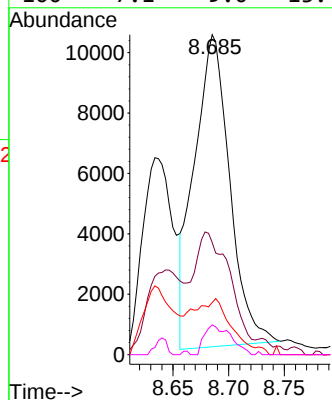
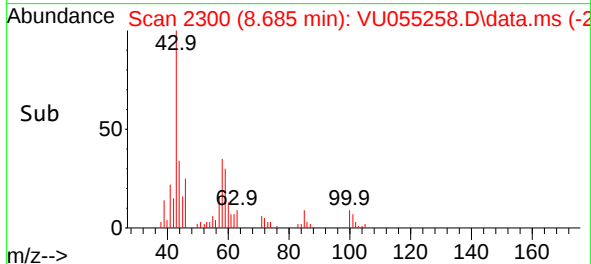


#48
2-Hexanone
Concen: 4.447 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055258.D
Acq: 12 Sep 2023 19:19

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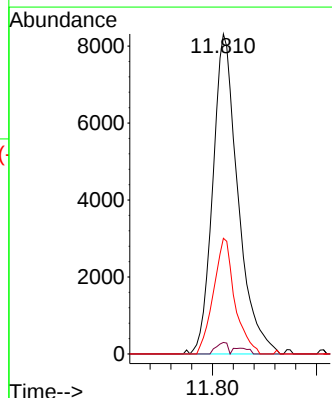
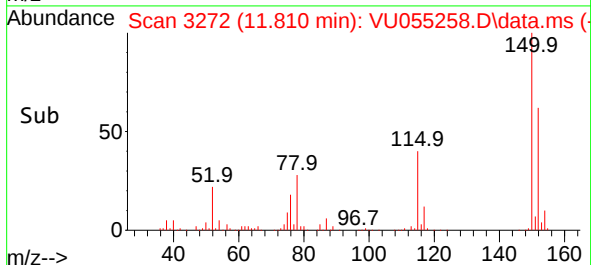
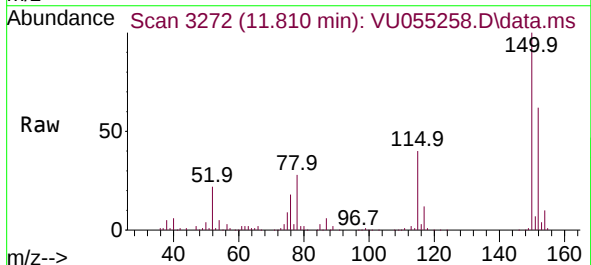


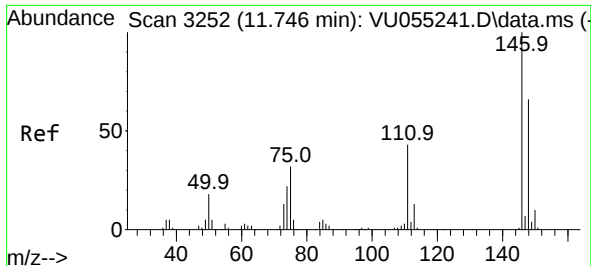
Tgt Ion: 43 Resp: 22857
Ion Ratio Lower Upper
43 100
58 34.5 44.0 66.0#
57 19.8 16.2 24.2
100 7.1 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 2.209 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.987 min
Lab File: VU055258.D
Acq: 12 Sep 2023 19:19

Tgt Ion: 75 Resp: 13974
Ion Ratio Lower Upper
75 100
110 1.6 28.2 42.2#
77 30.5 26.2 39.4

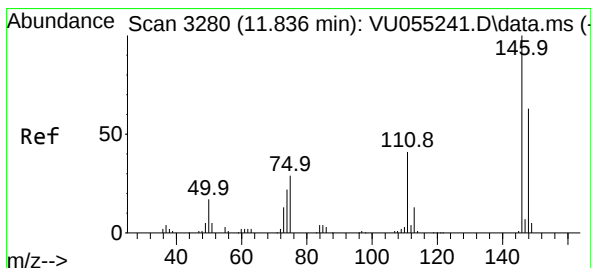
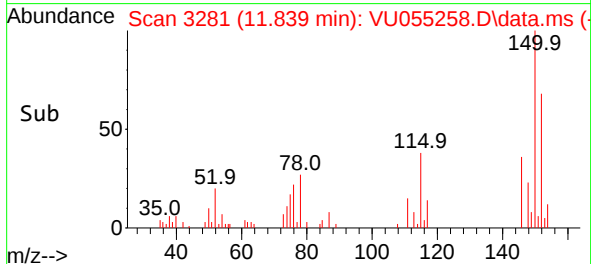
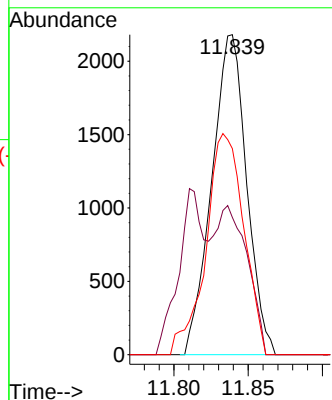
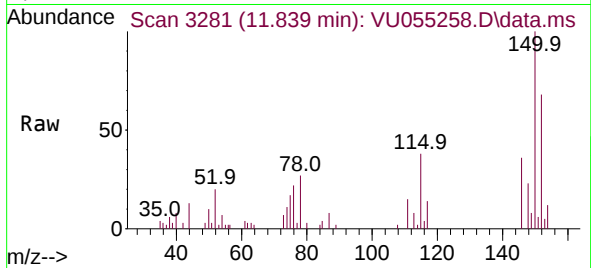




#64
 1,3-Dichlorobenzene
 Concen: 0.167 ug/L
 RT: 11.839 min Scan# 3281
 Delta R.T. 0.093 min
 Lab File: VU055258.D
 Acq: 12 Sep 2023 19:19

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Tgt Ion:146 Resp: 3567
 Ion Ratio Lower Upper
 146 100
 111 42.9 30.0 55.6
 148 64.4 45.2 84.0



#65
 1,4-Dichlorobenzene
 Concen: 0.168 ug/L
 RT: 11.839 min Scan# 3281
 Delta R.T. 0.003 min
 Lab File: VU055258.D
 Acq: 12 Sep 2023 19:19

Tgt Ion:146 Resp: 3567
 Ion Ratio Lower Upper
 146 100
 111 42.9 28.1 52.1
 148 64.4 43.8 81.3

