

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055218.D
 Acq On : 08 Sep 2023 04:32
 Operator : MD/SY
 Sample : 04307-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N7

Quant Time: Sep 08 06:40:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

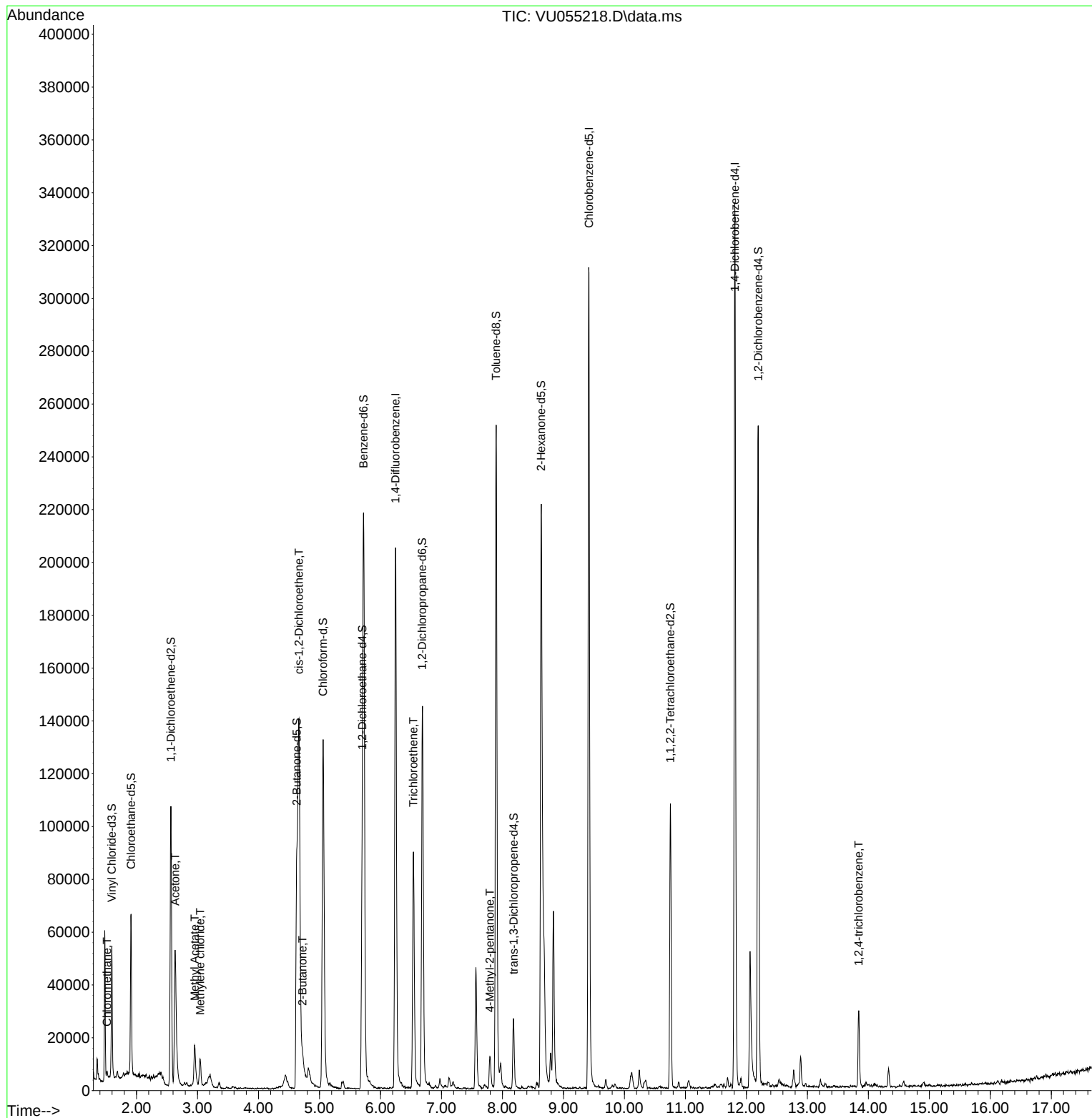
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	164602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	169436	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	84552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32096	4.160	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.911	69	41931	4.696	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.563	65	20113	4.576	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	4.627	46	141094	63.025	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.040%	
24) Chloroform-d	5.058	84	107092	5.231	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
26) 1,2-Dichloroethane-d4	5.701	65	55498	5.419	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.400%	
32) Benzene-d6	5.724	84	202296	4.837	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.685	67	69432	5.220	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	7.897	98	171094	4.441	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.184	79	15198	4.149	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.634	63	69855	46.970	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.940%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52129	5.572	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	61336	4.970	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
3) Chloromethane	1.518	50	2020	0.207	ug/L	96
13) Acetone	2.634	43	72988	48.645	ug/L	97
15) Methyl Acetate	2.952	43	20879	6.798	ug/L	99
16) Methylene chloride	3.046	84	4558	0.392	ug/L	91
21) 2-Butanone	4.721	43	13074	5.931	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	58820	6.224	ug/L	97
34) Trichloroethene	6.541	95	31353	3.128	ug/L	92
40) 4-Methyl-2-pentanone	7.795	43	9677	1.728	ug/L #	89
70) 1,2,4-trichlorobenzene	13.842	180	7847	0.585	ug/L	88

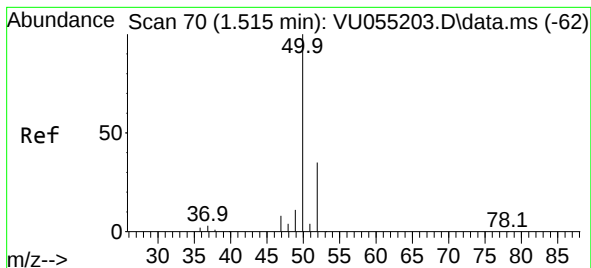
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.207 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU055218.D

Acq: 08 Sep 2023 04:32

Instrument :

MSVOA_U

ClientSampleId :

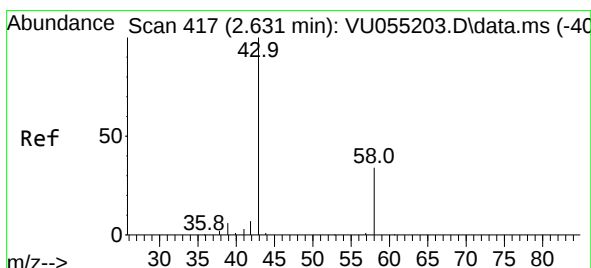
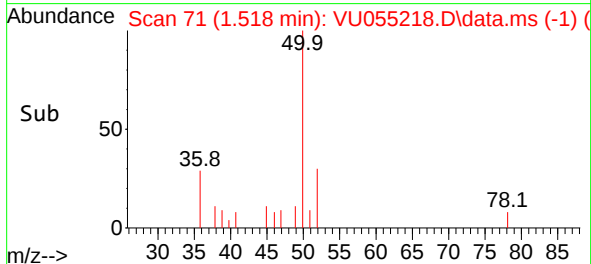
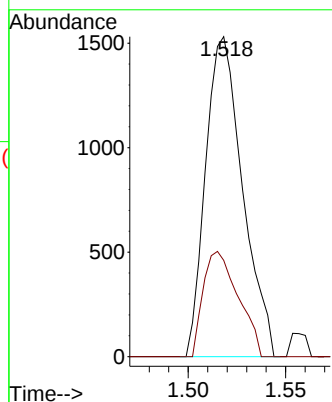
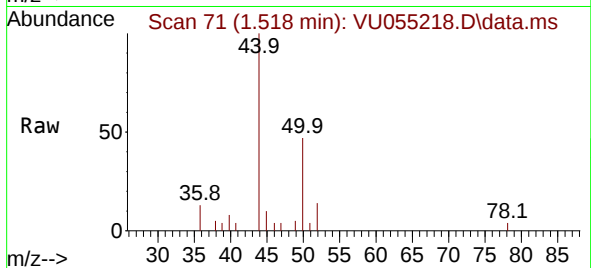
BH4N7

Tgt Ion: 50 Resp: 2020

Ion Ratio Lower Upper

50 100

52 30.1 22.5 41.7



#13

Acetone

Concen: 48.645 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.003 min

Lab File: VU055218.D

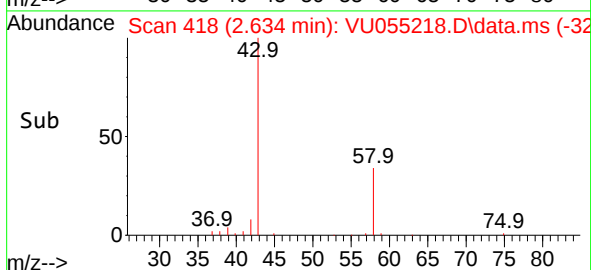
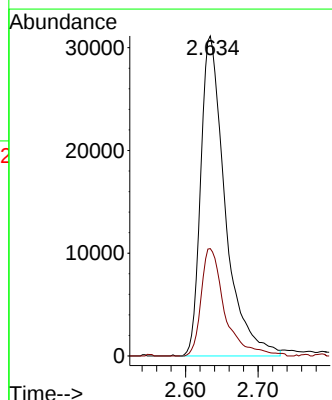
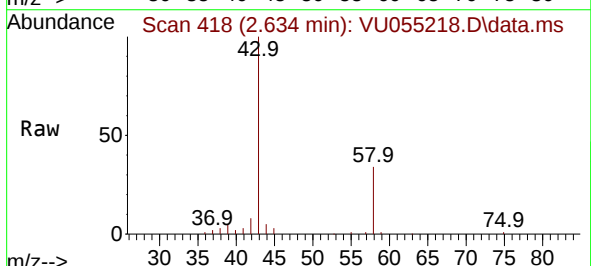
Acq: 08 Sep 2023 04:32

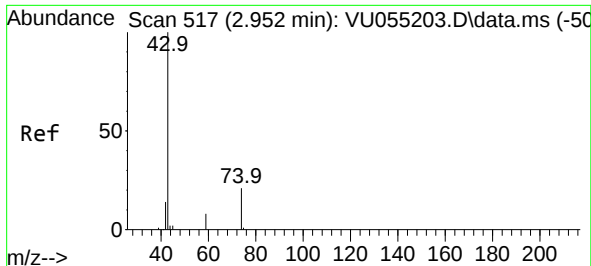
Tgt Ion: 43 Resp: 72988

Ion Ratio Lower Upper

43 100

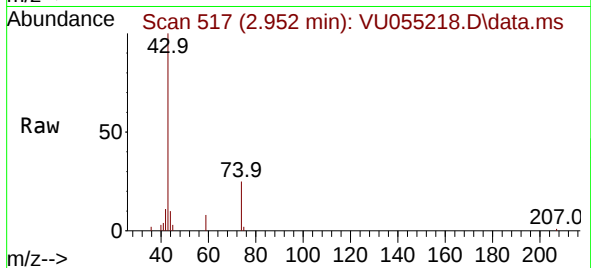
58 32.5 0.0 67.8



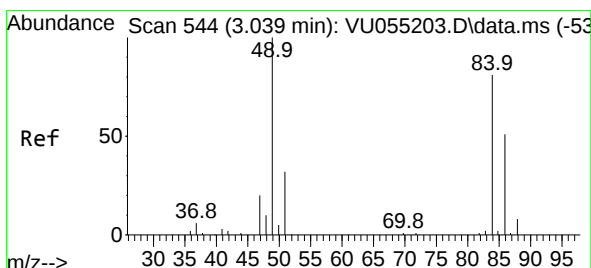
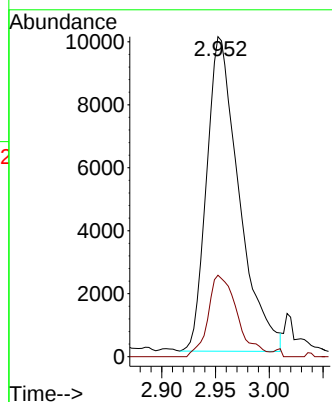
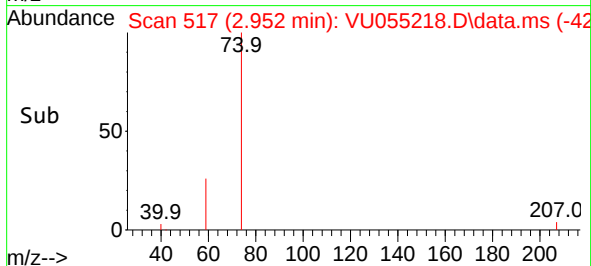


#15
Methyl Acetate
Concen: 6.798 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055218.D
Acq: 08 Sep 2023 04:32

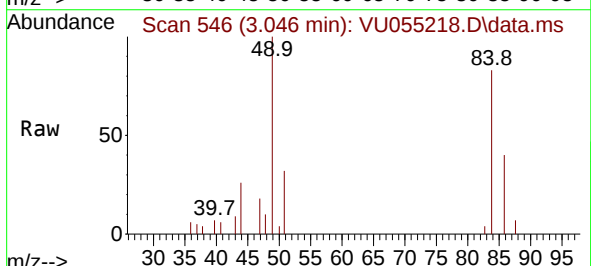
Instrument :
MSVOA_U
ClientSampleId :
BH4N7



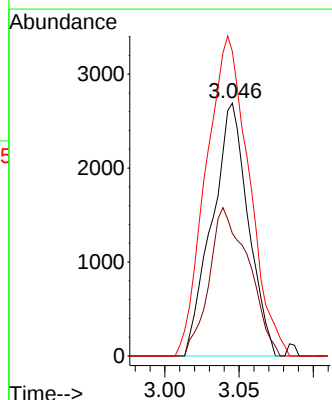
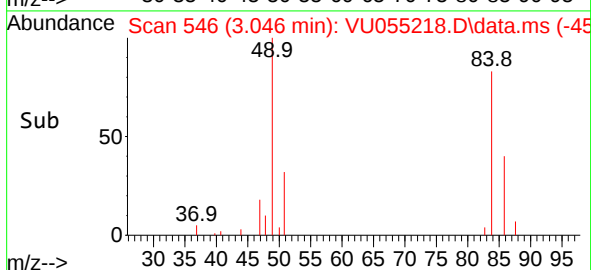
Tgt Ion: 43 Resp: 20879
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6

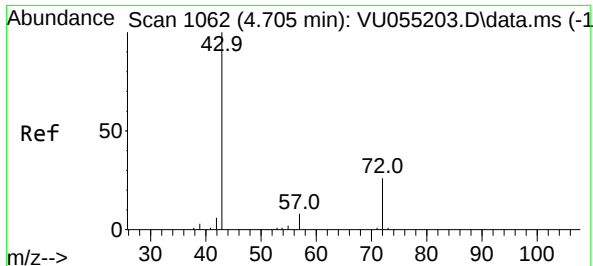


#16
Methylene chloride
Concen: 0.392 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.006 min
Lab File: VU055218.D
Acq: 08 Sep 2023 04:32



Tgt Ion: 84 Resp: 4558
Ion Ratio Lower Upper
84 100
86 48.5 43.4 80.6
49 120.5 87.7 162.9





#21

2-Butanone

Concen: 5.931 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.016 min

Lab File: VU055218.D

Acq: 08 Sep 2023 04:32

Instrument :

MSVOA_U

ClientSampleId :

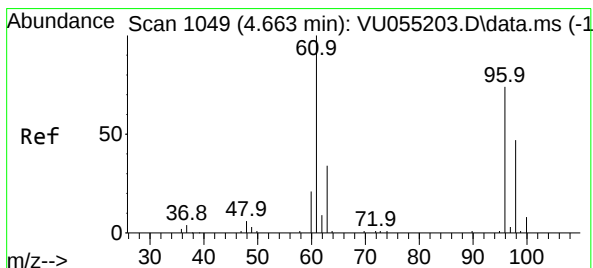
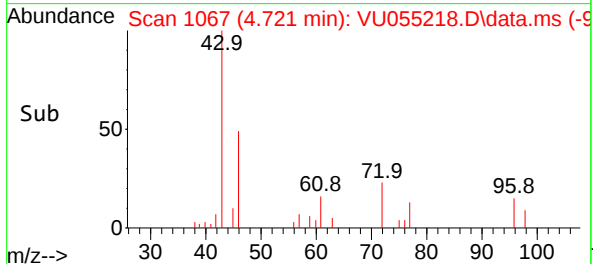
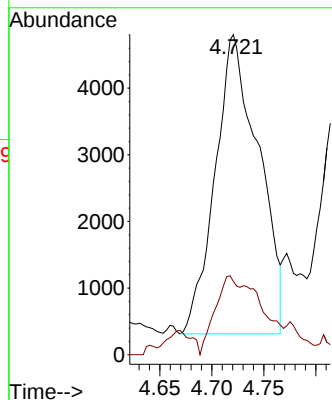
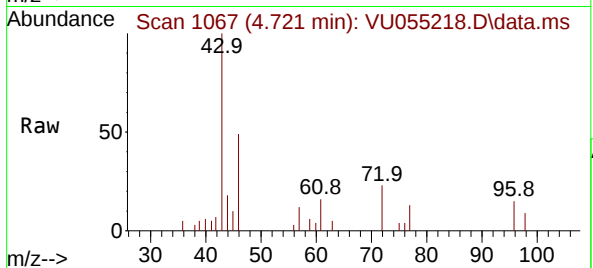
BH4N7

Tgt Ion: 43 Resp: 13074

Ion Ratio Lower Upper

43 100

72 28.1 13.5 40.5



#22

cis-1,2-Dichloroethene

Concen: 6.224 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055218.D

Acq: 08 Sep 2023 04:32

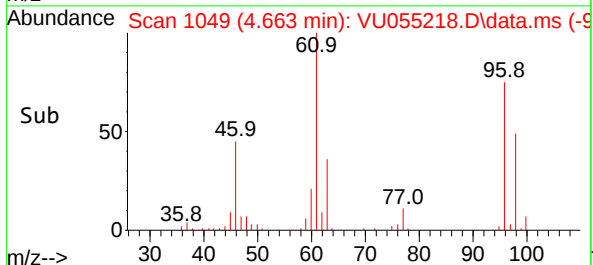
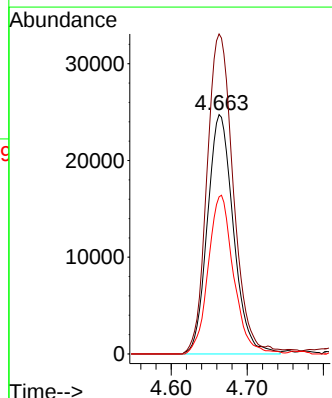
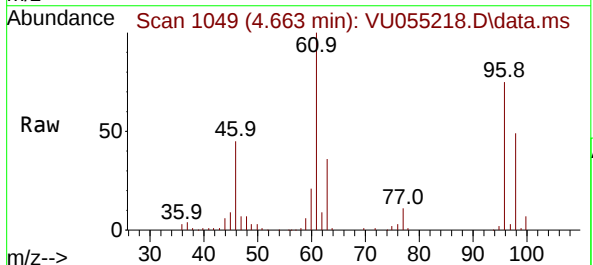
Tgt Ion: 96 Resp: 58820

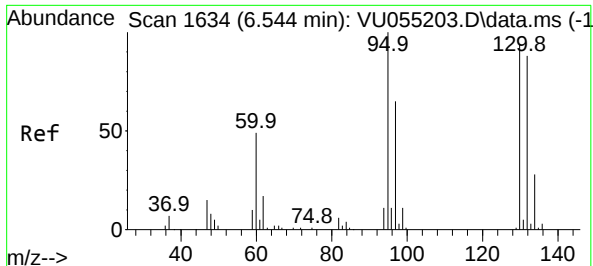
Ion Ratio Lower Upper

96 100

61 133.7 97.2 180.4

98 65.7 46.1 85.7

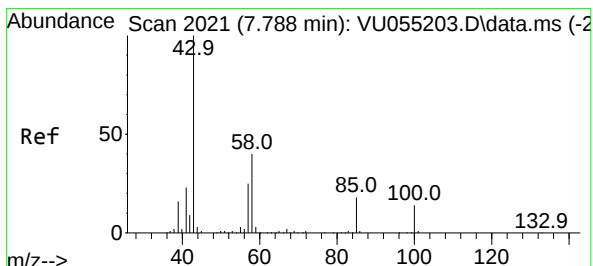
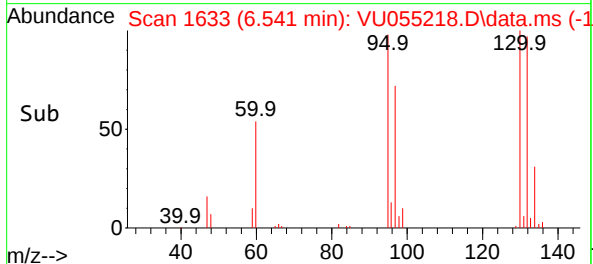
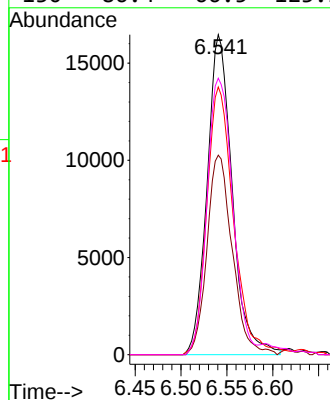
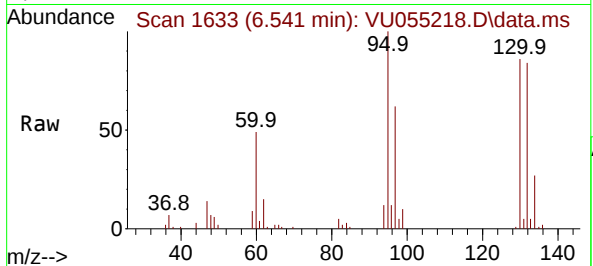




#34
 Trichloroethene
 Concen: 3.128 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU055218.D
 Acq: 08 Sep 2023 04:32

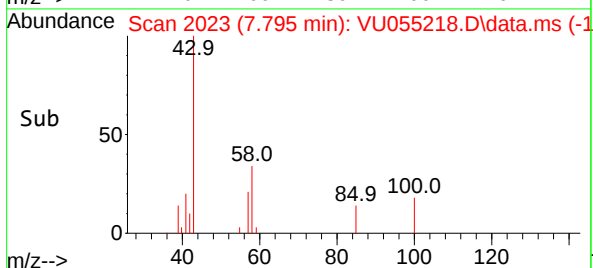
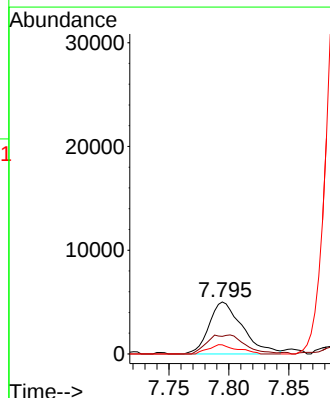
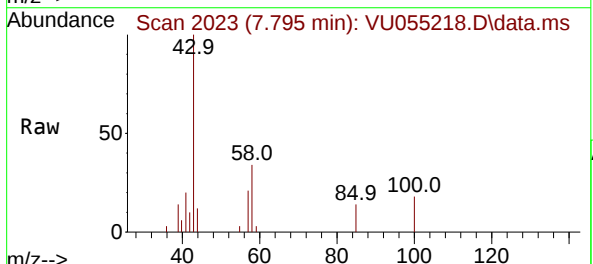
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N7

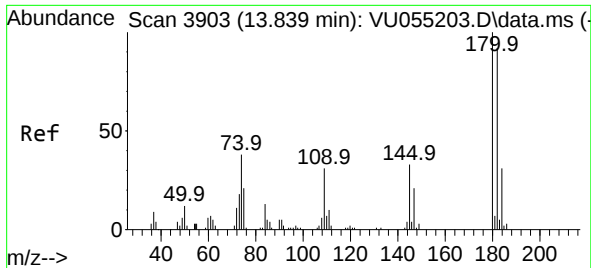
Tgt Ion: 95 Resp: 31353
 Ion Ratio Lower Upper
 95 100
 97 62.4 44.7 83.1
 132 83.6 66.6 123.6
 130 86.4 66.5 123.5



#40
 4-Methyl-2-pentanone
 Concen: 1.728 ug/L
 RT: 7.795 min Scan# 2023
 Delta R.T. 0.006 min
 Lab File: VU055218.D
 Acq: 08 Sep 2023 04:32

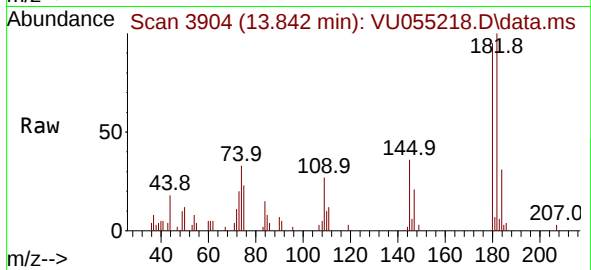
Tgt Ion: 43 Resp: 9677
 Ion Ratio Lower Upper
 43 100
 58 40.8 31.5 47.3
 100 0.0 11.8 17.8#





#70
1,2,4-trichlorobenzene
Concen: 0.585 ug/L
RT: 13.842 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VU055218.D
Acq: 08 Sep 2023 04:32

Instrument :
MSVOA_U
ClientSampleId :
BH4N7



Tgt Ion:	180	Resp:	7847
Ion	Ratio	Lower	Upper
180	100		
182	106.0	73.6	110.4
145	34.2	25.8	38.8

