

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 :

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)

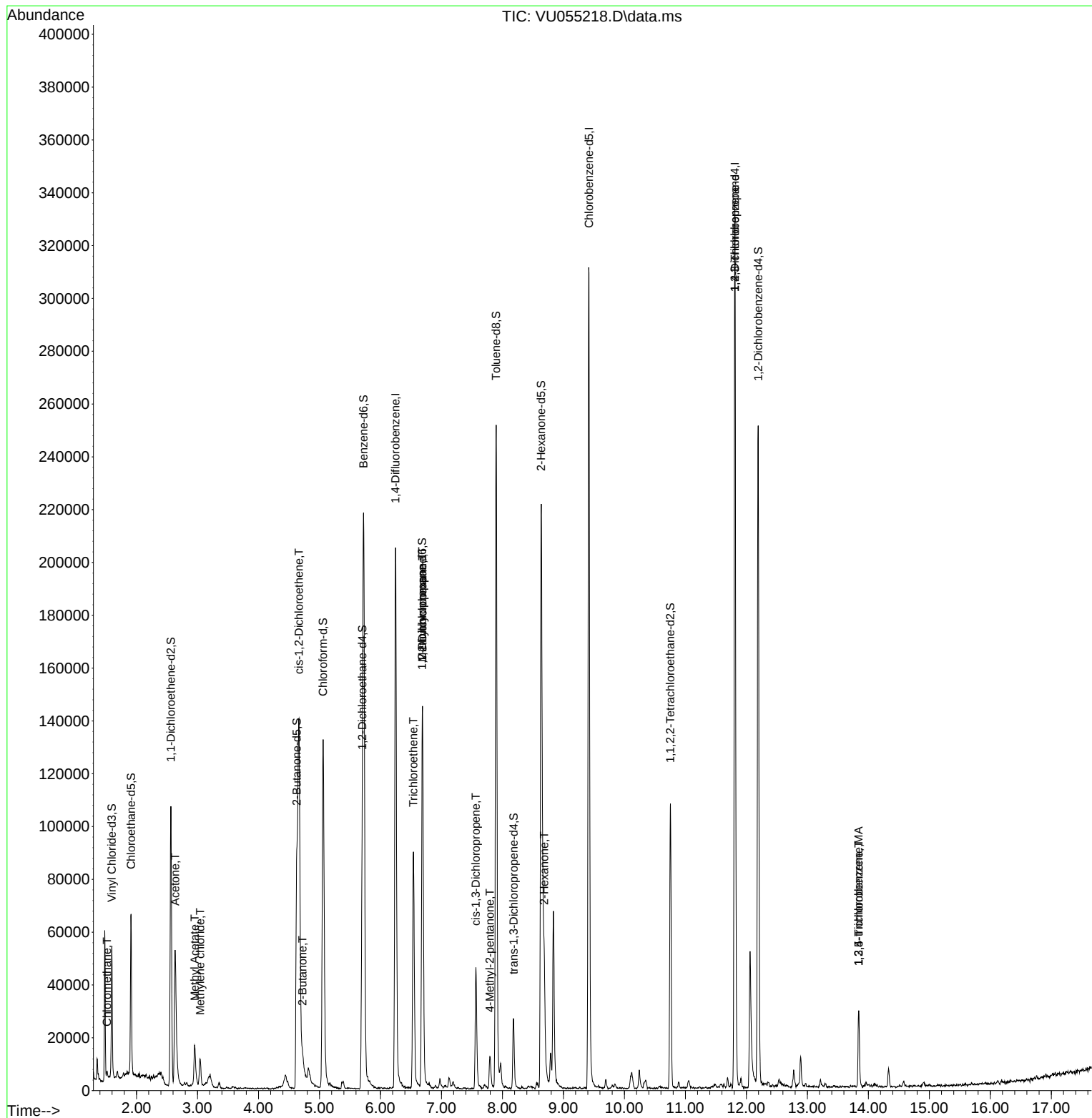
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	164602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	169436	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	84552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32096	4.160	ug/L	0.00
Spiked Amount	5.000	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						Qvalue
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
35) Methylcyclohexane	6.688	83	15930	1.133	ug/L #	19
37) 1,2-Dichloropropane	6.688	63	7657	0.780	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	1570	0.118	ug/L #	67
40) 4-Methyl-2-pentanone	7.795	43	9677	1.728	ug/L #	89
48) 2-Hexanone	8.685	43	25538	5.822	ug/L #	96
61) 1,2,3-Trichloropropane	11.810	75	13748	2.450	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.842	180	7847	0.549	ug/L	92
70) 1,2,4-trichlorobenzene	13.842	180	7847	0.585	ug/L	88

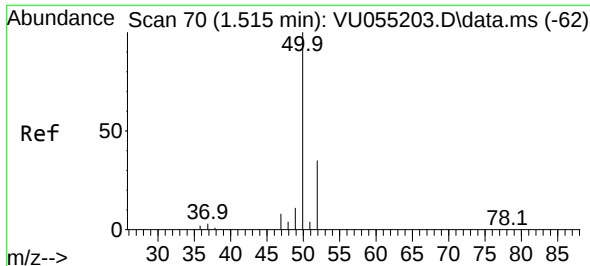
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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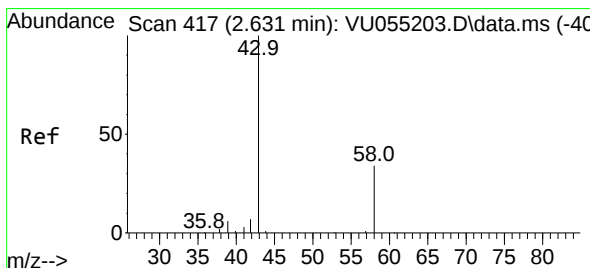
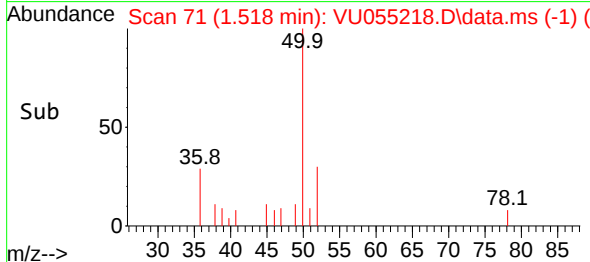
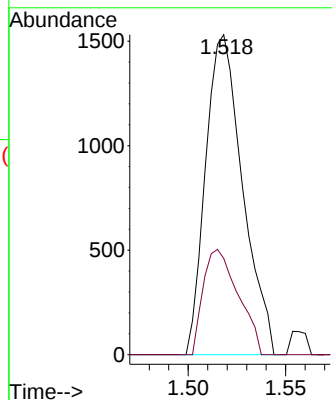
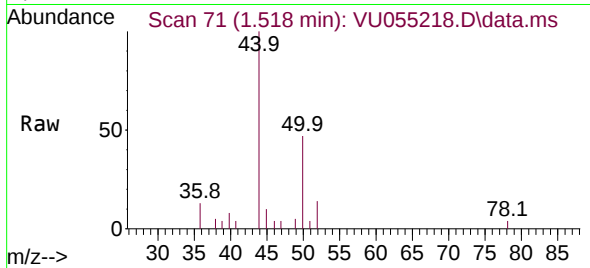




#3
Chloromethane
Concen: 0.207 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055218.D
Acq: 08 Sep 2023 04:32

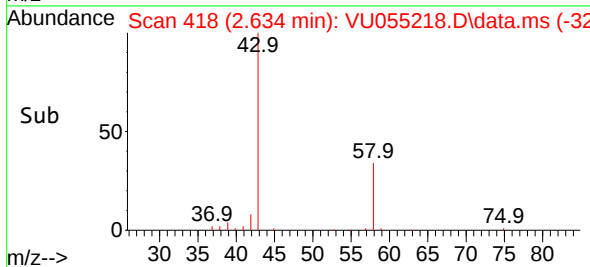
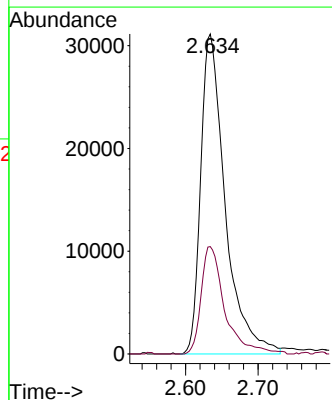
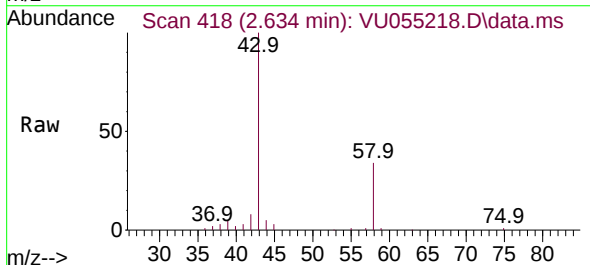
Instrument :
MSVOA_U
ClientSampleId :

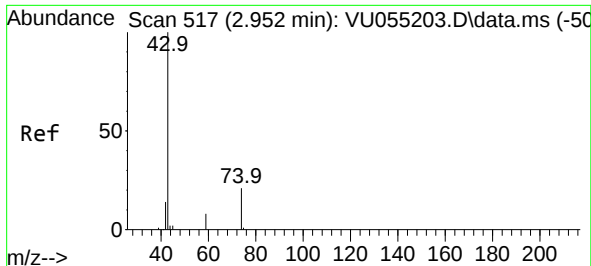
Tgt Ion: 50 Resp: 2020
Ion Ratio Lower Upper
50 100
52 30.1 22.5 41.7



#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

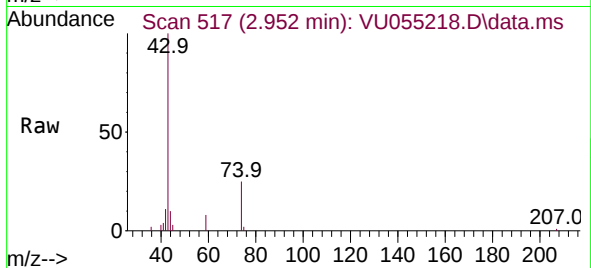
Tgt Ion: 43 Resp: 72988
Ion Ratio Lower Upper
43 100
58 32.5 0.0 67.8



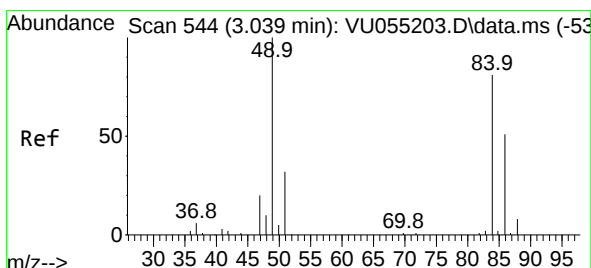
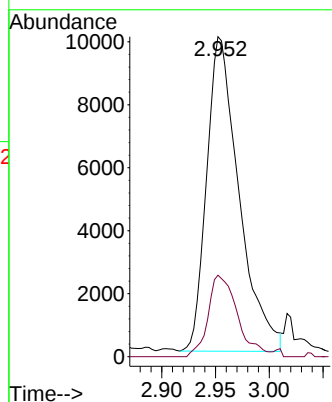
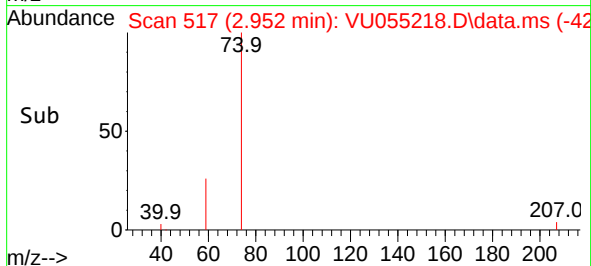


#15
Methyl Acetate
Concen: 6.798 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055218.D
Acq: 08 Sep 2023 04:32

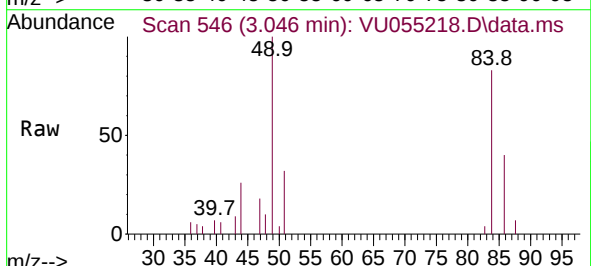
Instrument :
MSVOA_U
ClientSampleId :



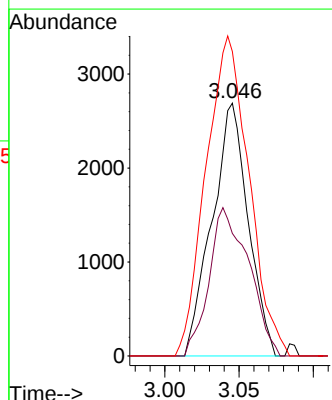
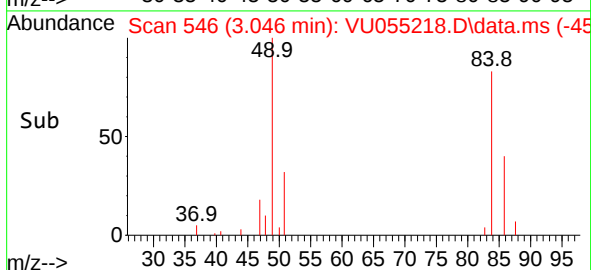
Tgt Ion: 43 Resp: 20879
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6

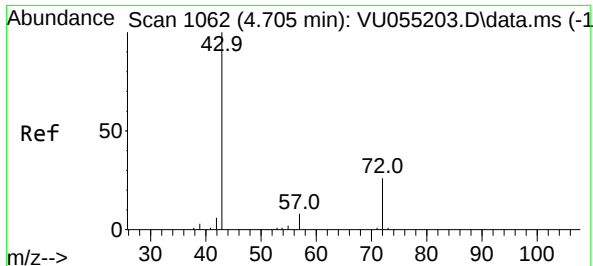


#16
Methylene chloride
Concen: 0.392 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.006 min
Lab File: VU055218.D
Acq: 08 Sep 2023 04:32



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

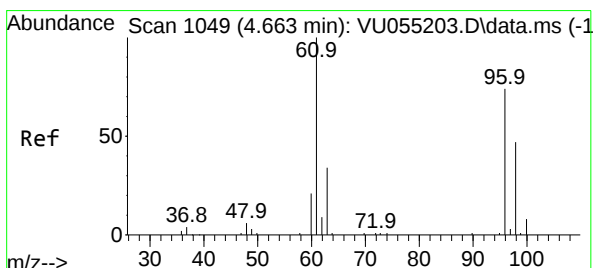
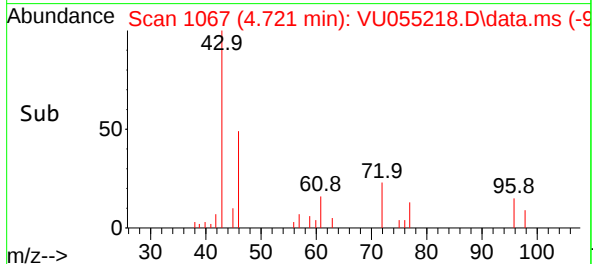
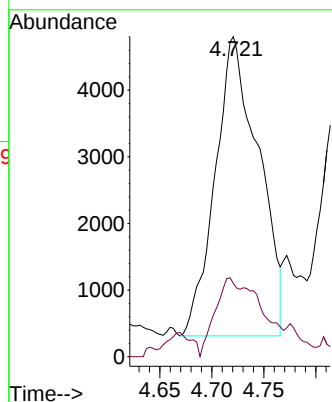
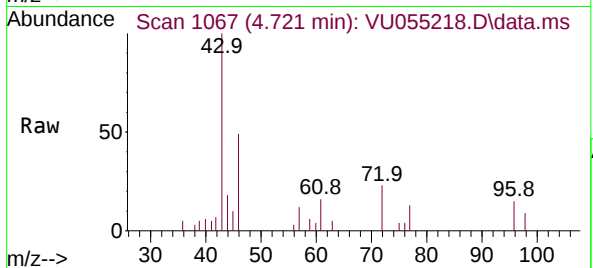
ClientSampleId :

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

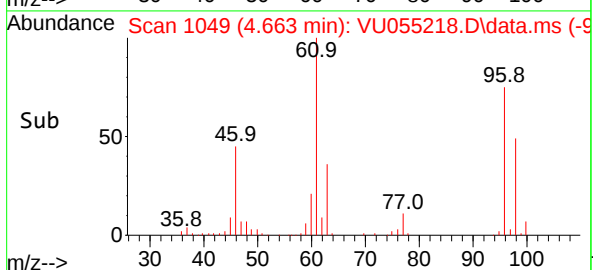
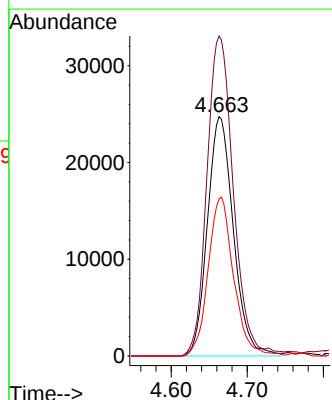
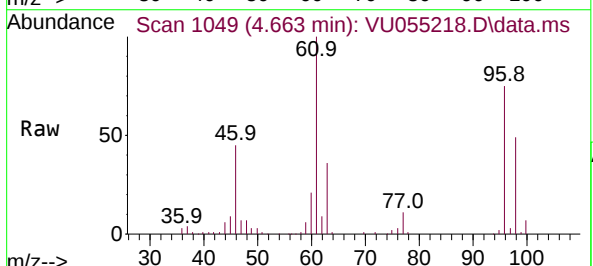
Tgt Ion: 96 Resp: 58820

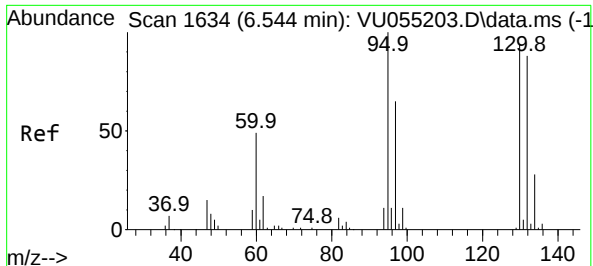
Ion Ratio Lower Upper

96 100

61 133.7 97.2 180.4

98 65.7 46.1 85.7

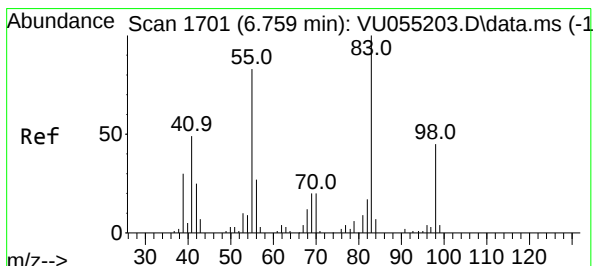
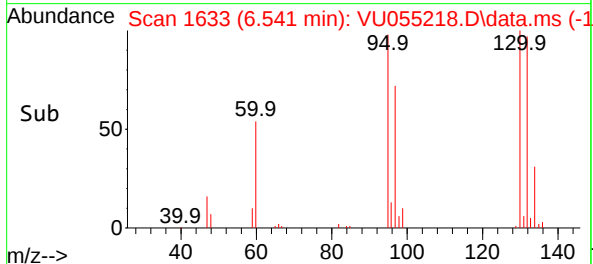
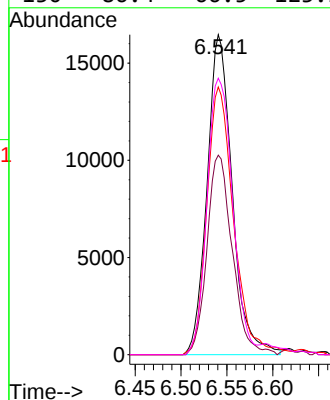
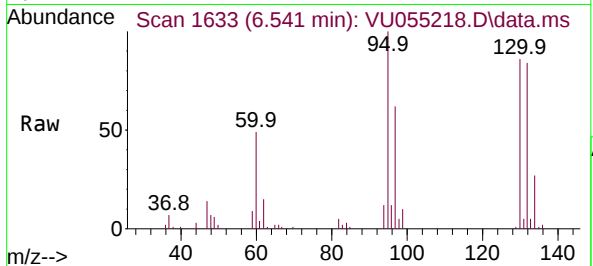




#34
Trichloroethene
Concen: 3.128 ug/L
RT: 6.541 min Scan# 1634
Delta R.T. -0.003 min
Lab File: VU055218.D
Acq: 08 Sep 2023 04:32

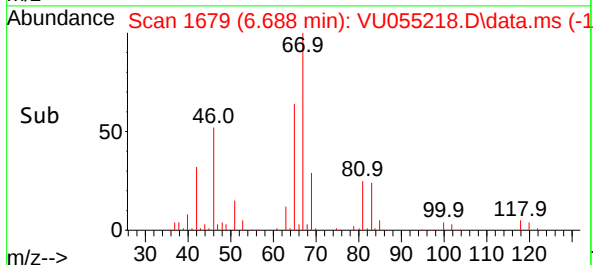
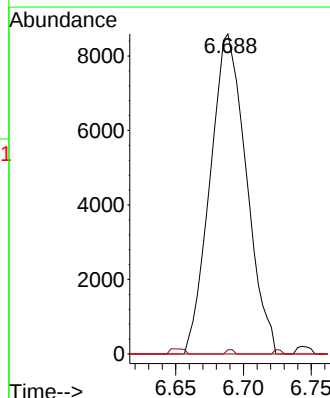
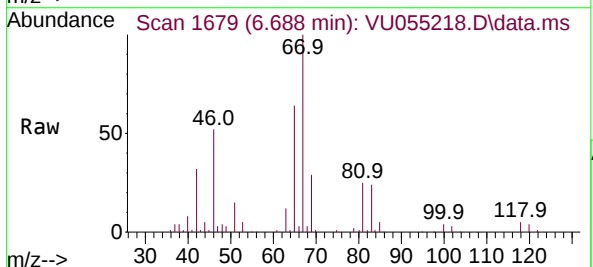
Instrument :
MSVOA_U
ClientSampleId :

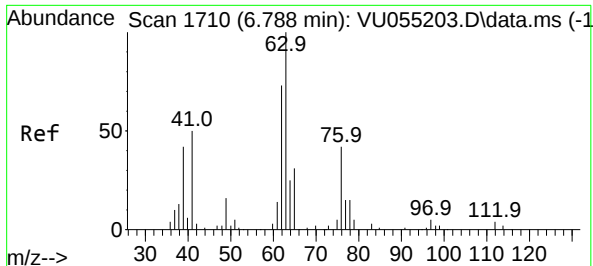
Tgt Ion: 95 Resp: 31353
Ion Ratio Lower Upper
95 100
97 62.4 44.7 83.1
132 83.6 66.6 123.6
130 86.4 66.5 123.5



#35
Methylcyclohexane
Concen: 1.133 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055218.D
Acq: 08 Sep 2023 04:32

Tgt Ion: 83 Resp: 15930
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 0.0 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.780 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055218.D

Acq: 08 Sep 2023 04:32

Instrument :

MSVOA_U

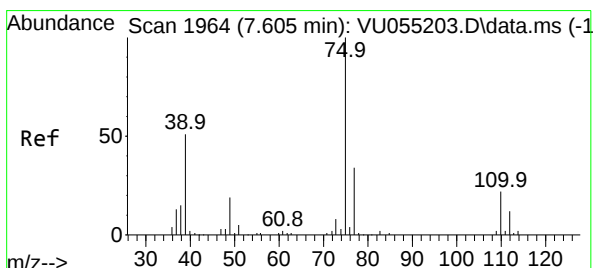
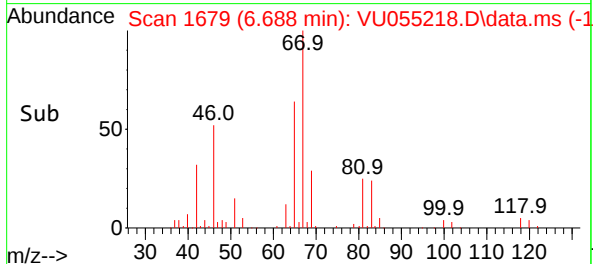
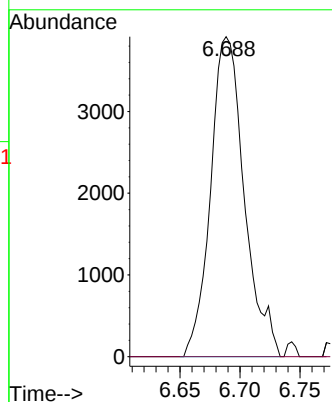
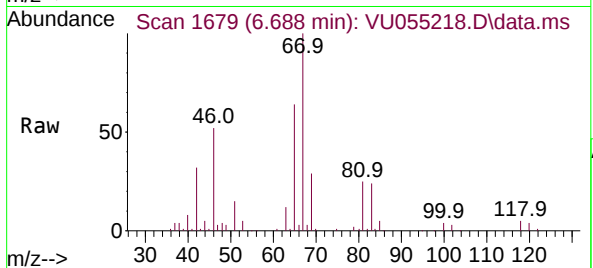
ClientSampleId :

Tgt Ion: 63 Resp: 7657

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU055218.D

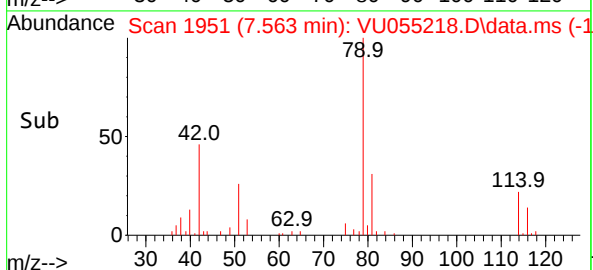
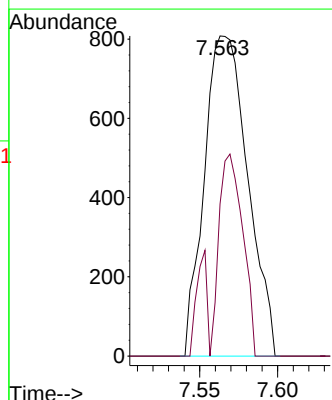
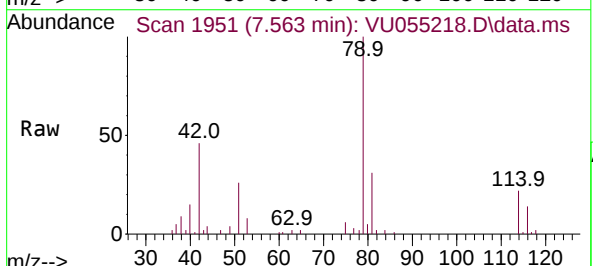
Acq: 08 Sep 2023 04:32

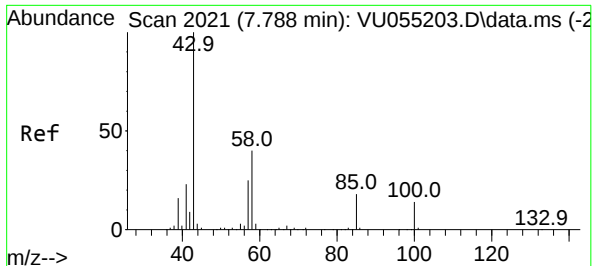
Tgt Ion: 75 Resp: 1570

Ion Ratio Lower Upper

75 100

77 47.5 20.9 38.9#





#40

4-Methyl-2-pentanone

Concen: 1.728 ug/L

RT: 7.795 min Scan# 20

Delta R.T. 0.006 min

Lab File: VU055218.D

Acq: 08 Sep 2023 04:32

Instrument :

MSVOA_U

ClientSampleId :

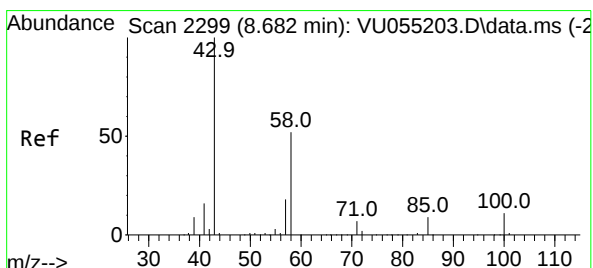
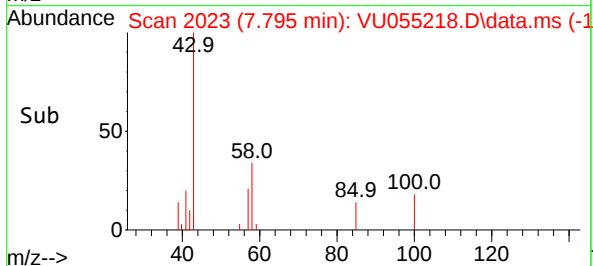
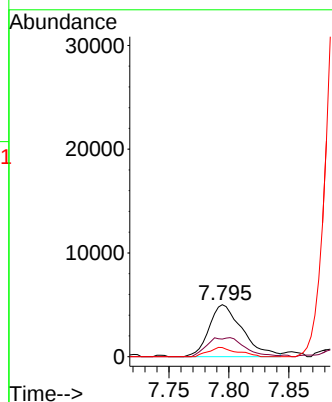
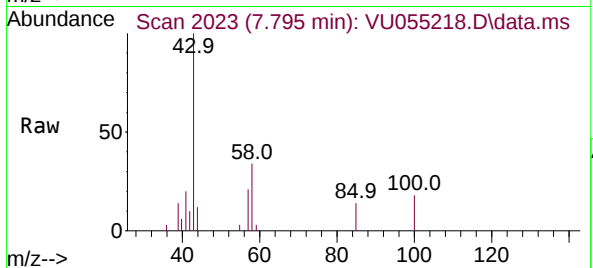
Tgt Ion: 43 Resp: 9677

Ion Ratio Lower Upper

43 100

58 40.8 31.5 47.3

100 0.0 11.8 17.8#



#48

2-Hexanone

Concen: 5.822 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055218.D

Acq: 08 Sep 2023 04:32

Tgt Ion: 43 Resp: 25538

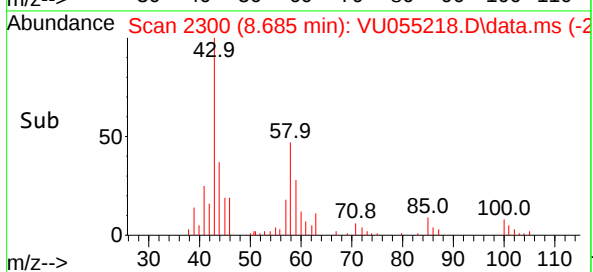
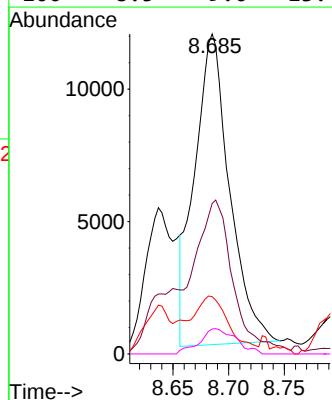
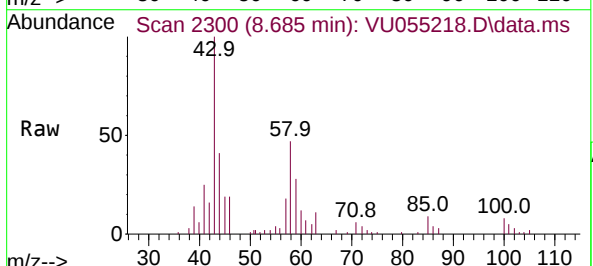
Ion Ratio Lower Upper

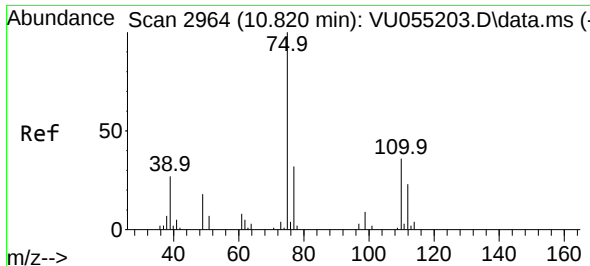
43 100

58 52.8 44.0 66.0

57 18.3 16.2 24.2

100 8.5 9.0 13.4#

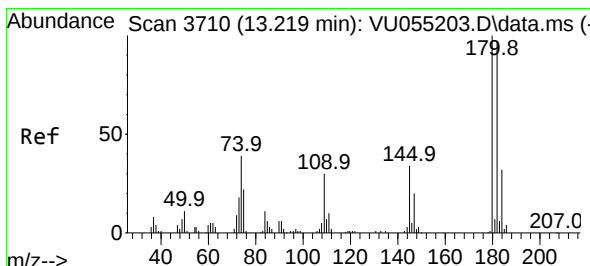
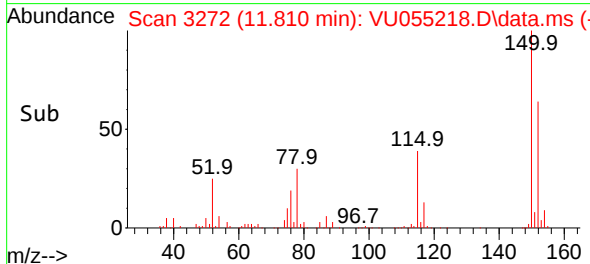
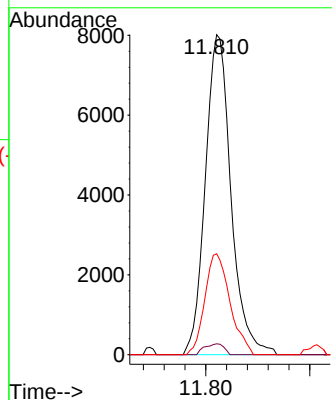
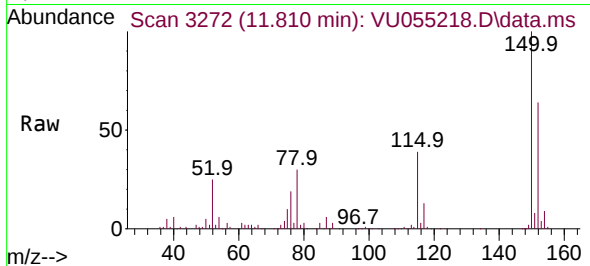




#61
1,2,3-Trichloropropane
Concen: 2.450 ug/L
RT: 11.810 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055218.D
Acq: 08 Sep 2023 04:32

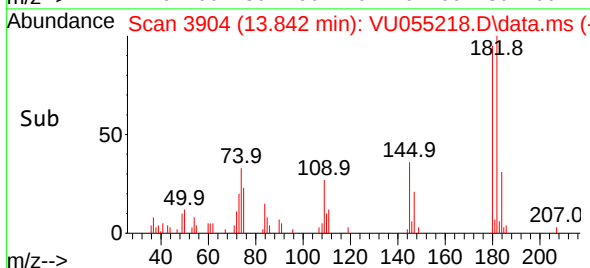
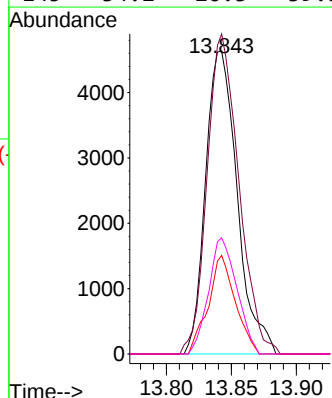
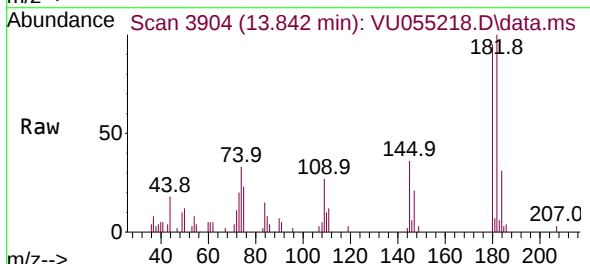
Instrument :
MSVOA_U
ClientSampleId :

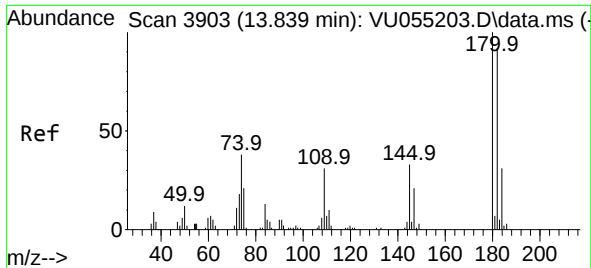
Tgt Ion: 75 Resp: 13748
Ion Ratio Lower Upper
75 100
110 2.6 28.2 42.2#
77 30.8 26.2 39.4



#69
1,3,5-Trichlorobenzene
Concen: 0.549 ug/L
RT: 13.842 min Scan# 3904
Delta R.T. 0.624 min
Lab File: VU055218.D
Acq: 08 Sep 2023 04:32

Tgt Ion:180 Resp: 7847
Ion Ratio Lower Upper
180 100
182 106.0 75.8 113.6
184 27.9 24.0 36.0
145 34.2 26.3 39.5





#70

1,2,4-trichlorobenzene

Concen: 0.585 ug/L

RT: 13.842 min Scan# 3904

Delta R.T. 0.003 min

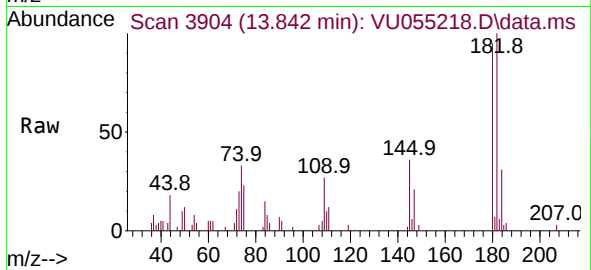
Lab File: VU055218.D

Acq: 08 Sep 2023 04:32

Instrument :

MSVOA_U

ClientSampleId :



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

