

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032024\
 Data File : VU058175.D
 Acq On : 20 Mar 2024 16:10
 Operator : MD/SY
 Sample : P1779-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 21 01:49:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 21 01:49:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	108696	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	105098	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	46307	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30765	3.934	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.911	69	28157	4.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.564	65	14355	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.625	46	76798	59.600	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.200%
24) Chloroform-d	5.056	84	66783	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	34726	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.721	84	131831	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.686	67	42676	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.895	98	110143	3.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.178	79	11753	3.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.631	63	59186	55.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	28105	4.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	36838	4.830	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%

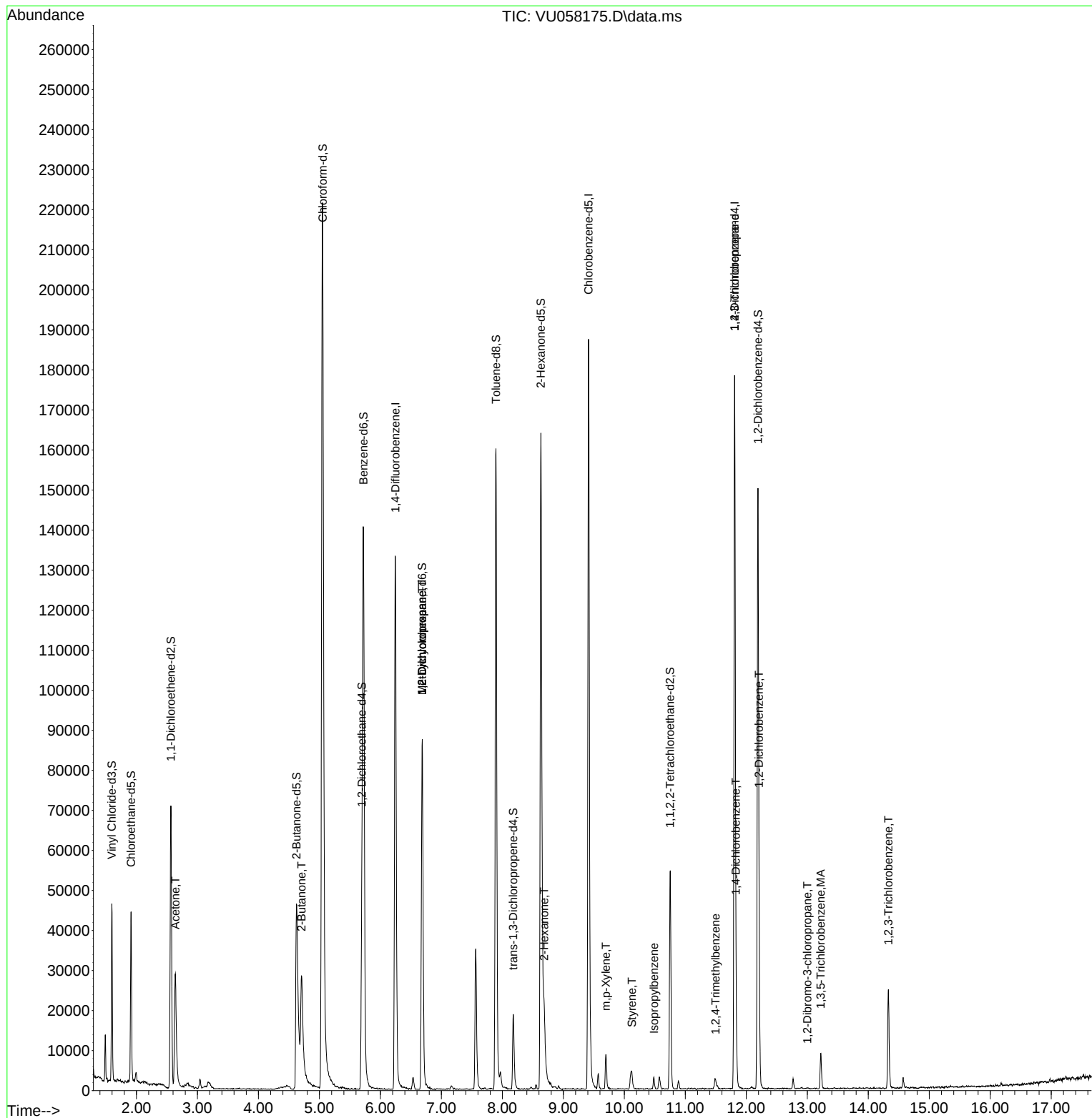
Target Compounds				Qvalue		
13) Acetone	2.638	43	41867	43.660	ug/L	99
21) 2-Butanone	4.708	43	46101	30.510	ug/L	100
35) Methylcyclohexane	6.686	83	9562	0.735	ug/L #	18
37) 1,2-Dichloropropane	6.686	63	4651	0.559	ug/L #	89
48) 2-Hexanone	8.686	43	11259	4.013	ug/L	93
53) m,p-Xylene	9.698	106	2348	0.175	ug/L	86
55) Styrene	10.123	104	2279	0.108	ug/L	94
60) Isopropylbenzene	10.486	105	2280	0.074	ug/L	96
61) 1,2,3-Trichloropropane	11.808	75	7833	2.065	ug/L #	66
63) 1,2,4-Trimethylbenzene	11.493	105	1526	0.059	ug/L #	32
65) 1,4-Dichlorobenzene	11.830	146	2915	0.212	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	6311	0.516	ug/L	92
68) 1,2-Dibromo-3-chloropr...	13.001	75	100	0.133	ug/L #	7
69) 1,3,5-Trichlorobenzene	13.219	180	3472	0.344	ug/L	93
72) 1,2,3-Trichlorobenzene	14.329	180	8040	1.343	ug/L	97

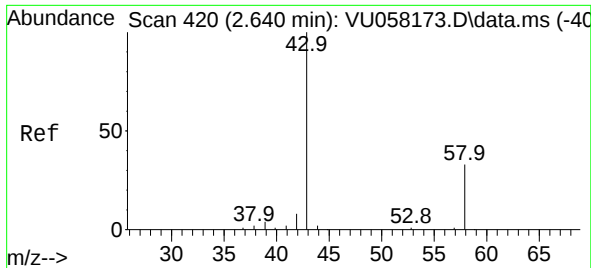
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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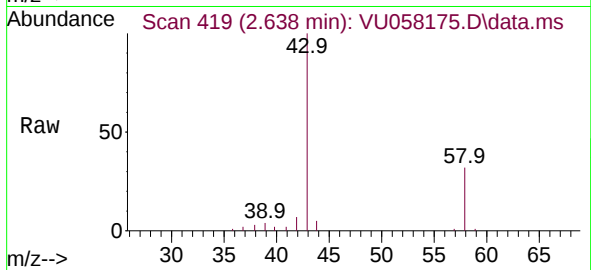
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 21 01:49:11 2024
Response via : Initial Calibration



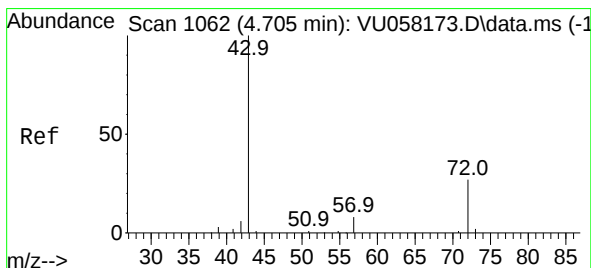
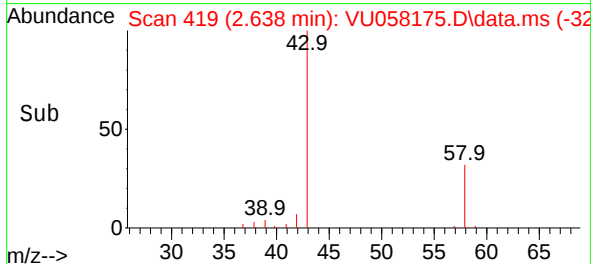
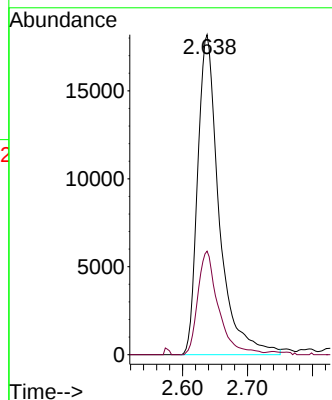


#13
Acetone
Concen: 43.660 ug/L
RT: 2.638 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU058175.D
Acq: 20 Mar 2024 16:10

Instrument :
MSVOA_U
ClientSampleId :

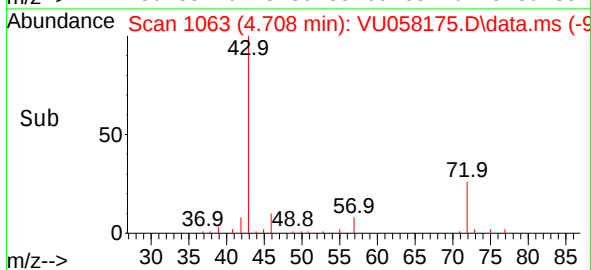
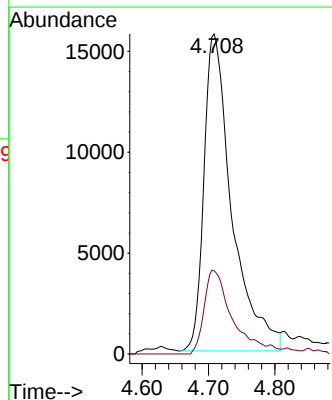
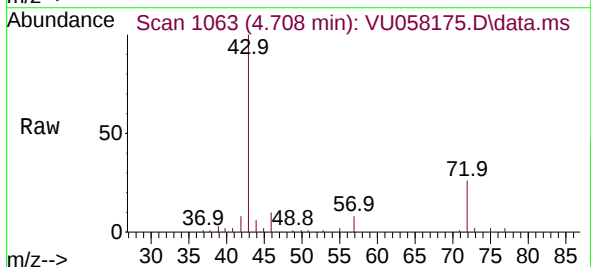


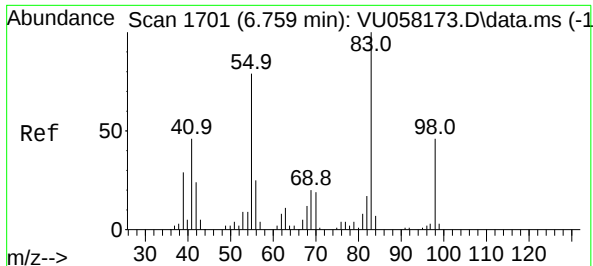
Tgt Ion: 43 Resp: 41867
Ion Ratio Lower Upper
43 100
58 31.1 0.0 63.6



#21
2-Butanone
Concen: 30.510 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.004 min
Lab File: VU058175.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 43 Resp: 46101
Ion Ratio Lower Upper
43 100
72 25.8 13.0 39.0





#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058175.D

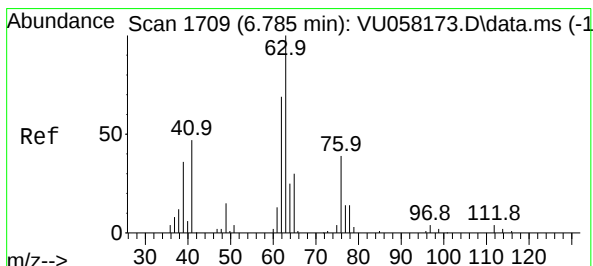
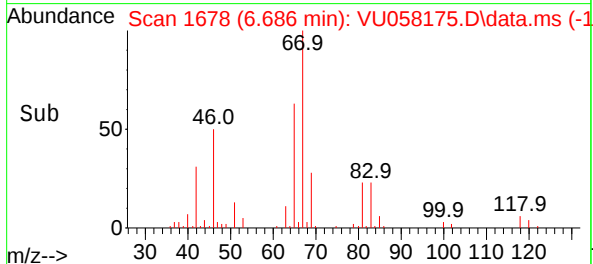
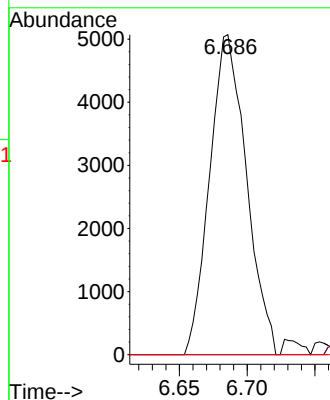
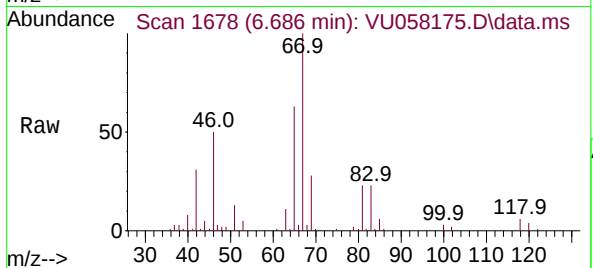
Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9562
Ion Ratio	Lower	Upper
83	100	
55	1.0	63.0 94.6#
98	0.0	36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.559 ug/L

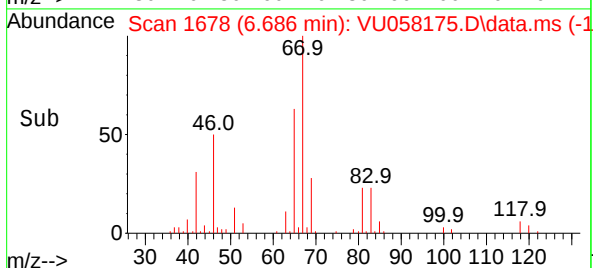
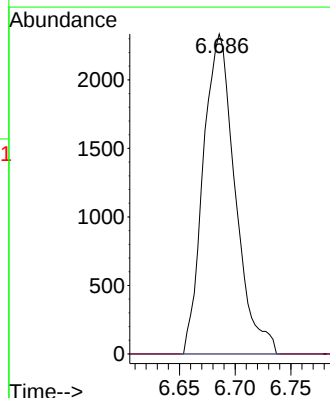
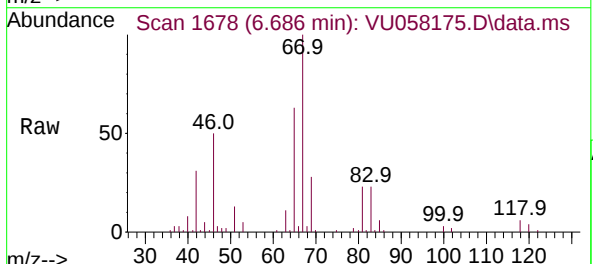
RT: 6.686 min Scan# 1678

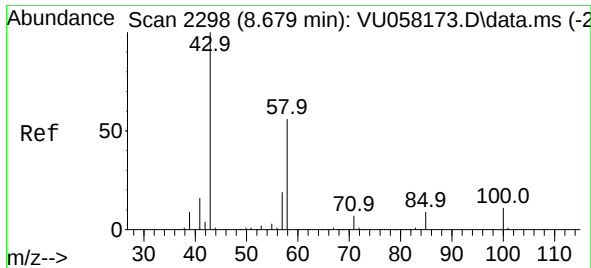
Delta R.T. -0.099 min

Lab File: VU058175.D

Acq: 20 Mar 2024 16:10

Tgt Ion: 63	Resp:	4651
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.0 4.4#





#48

2-Hexanone

Concen: 4.013 ug/L

RT: 8.686 min Scan# 24

Delta R.T. 0.007 min

Lab File: VU058175.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 11259

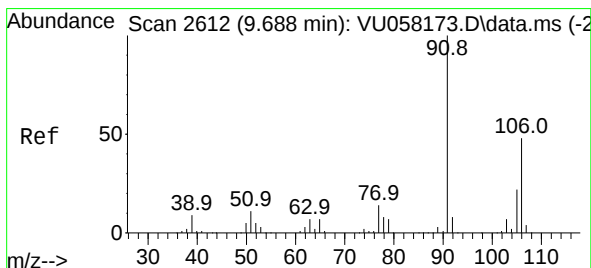
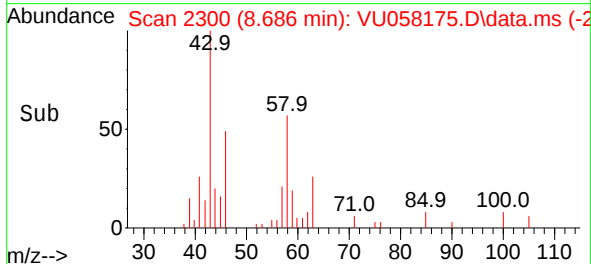
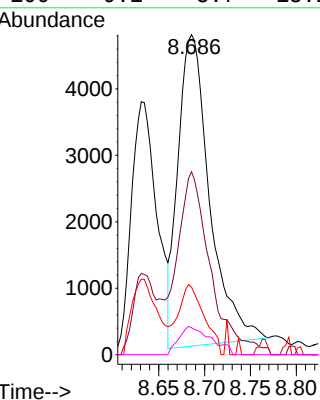
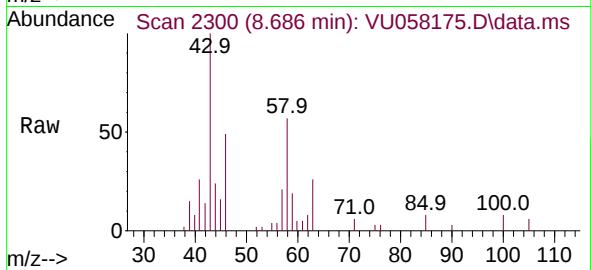
Ion Ratio Lower Upper

43 100

58 61.2 43.3 64.9

57 18.7 15.2 22.8

100 9.1 8.7 13.1



#53

m,p-Xylene

Concen: 0.175 ug/L

RT: 9.698 min Scan# 2615

Delta R.T. 0.010 min

Lab File: VU058175.D

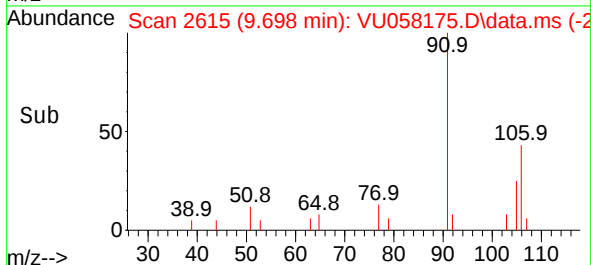
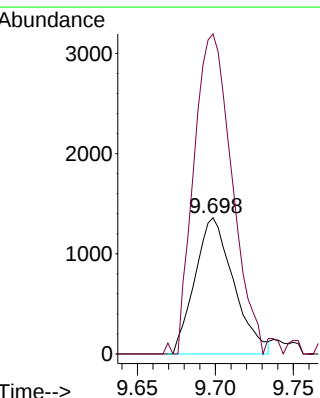
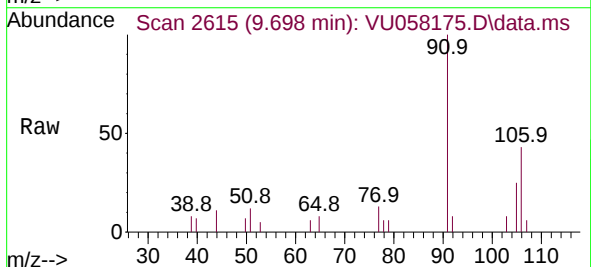
Acq: 20 Mar 2024 16:10

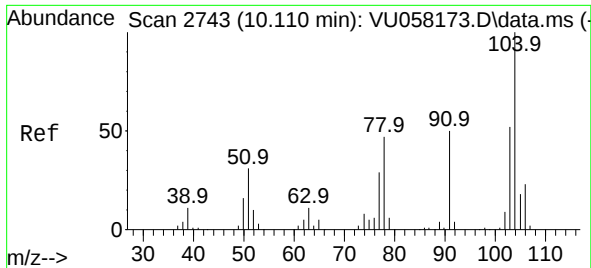
Tgt Ion:106 Resp: 2348

Ion Ratio Lower Upper

106 100

91 235.1 148.8 276.4

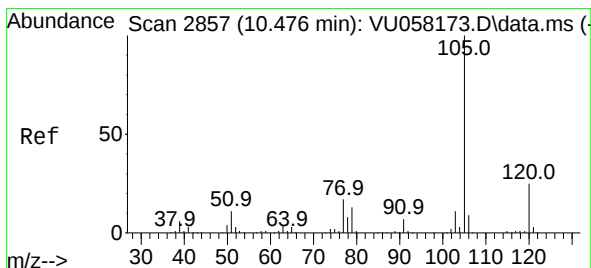
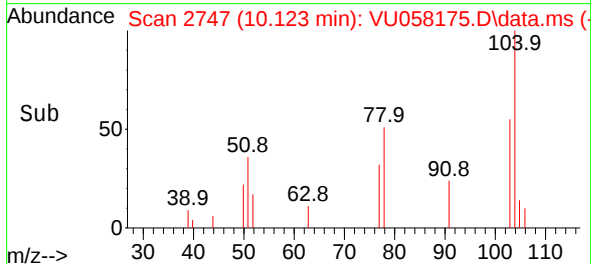
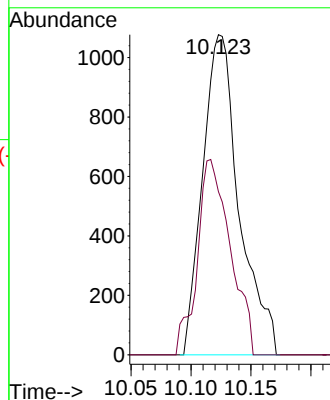
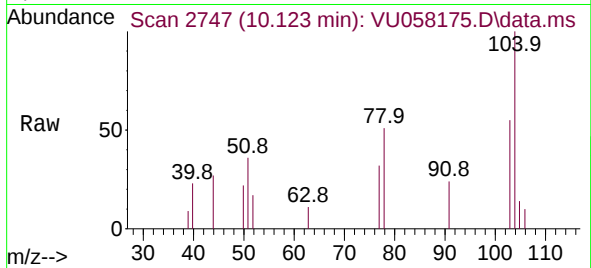




#55
Styrene
Concen: 0.108 ug/L
RT: 10.123 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU058175.D
Acq: 20 Mar 2024 16:10

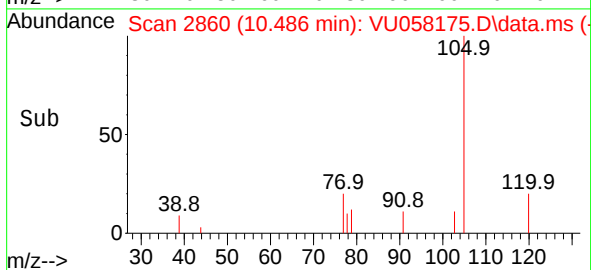
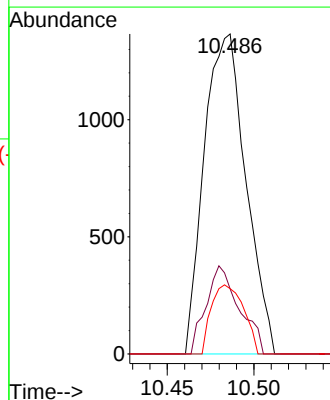
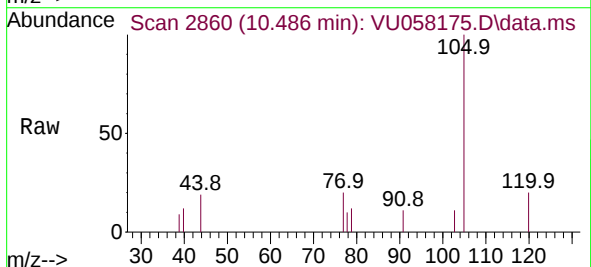
Instrument :
MSVOA_U
ClientSampleId :

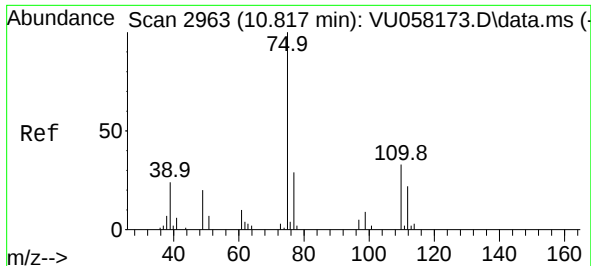
Tgt Ion:104 Resp: 2279
Ion Ratio Lower Upper
104 100
78 44.7 34.2 63.4



#60
Isopropylbenzene
Concen: 0.074 ug/L
RT: 10.486 min Scan# 2860
Delta R.T. 0.010 min
Lab File: VU058175.D
Acq: 20 Mar 2024 16:10

Tgt Ion:105 Resp: 2280
Ion Ratio Lower Upper
105 100
120 22.1 20.4 30.6
77 16.7 13.2 19.8





#61

1,2,3-Trichloropropane

Concen: 2.065 ug/L

RT: 11.808 min Scan# 3173

Delta R.T. 0.991 min

Lab File: VU058175.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_U

ClientSampleId :

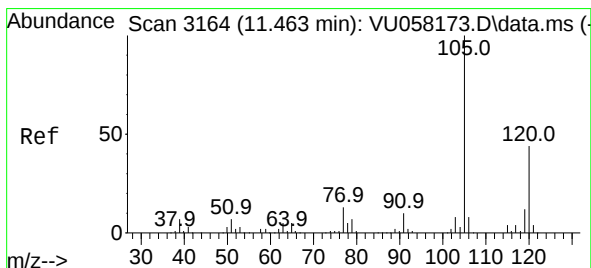
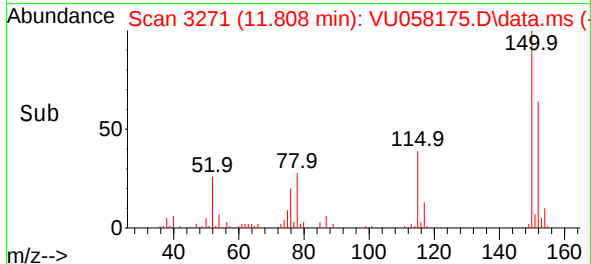
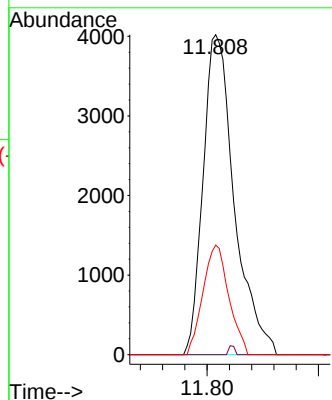
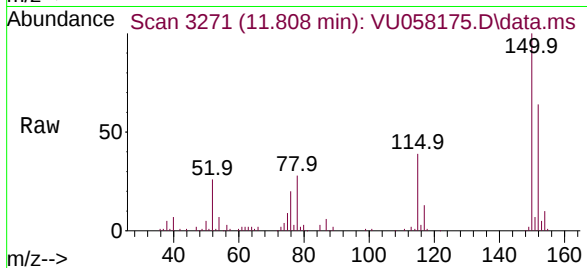
Tgt Ion: 75 Resp: 7833

Ion Ratio Lower Upper

75 100

110 0.5 28.0 42.0#

77 28.3 24.7 37.1



#63

1,2,4-Trimethylbenzene

Concen: 0.059 ug/L

RT: 11.493 min Scan# 3173

Delta R.T. 0.029 min

Lab File: VU058175.D

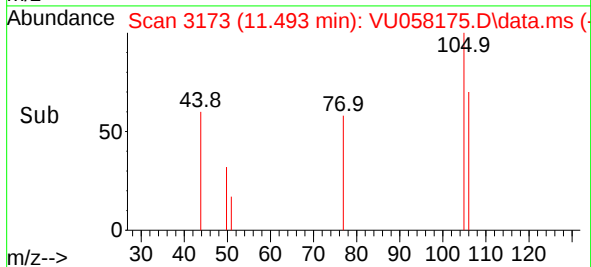
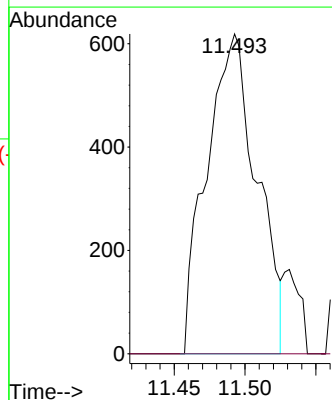
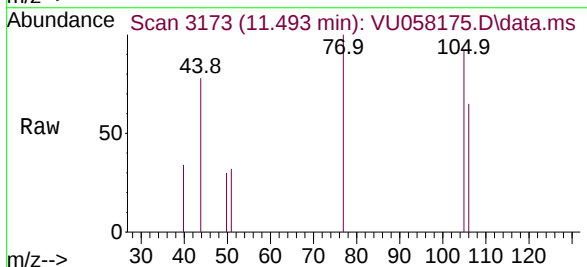
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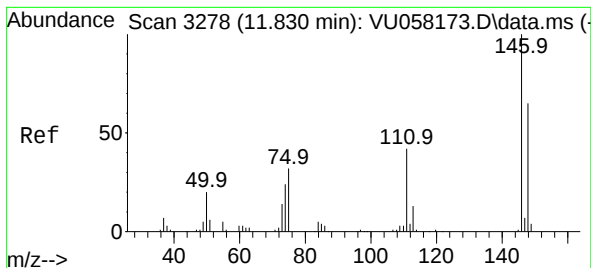
Tgt Ion:105 Resp: 1526

Ion Ratio Lower Upper

105 100

120 0.0 34.8 52.2#





#65

1,4-Dichlorobenzene

Concen: 0.212 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058175.D

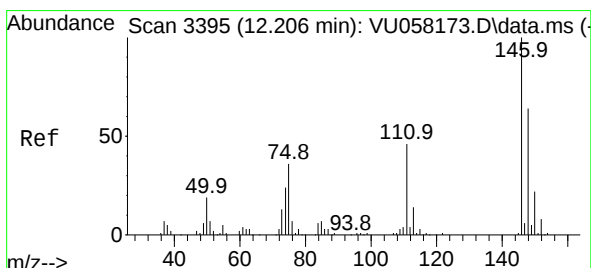
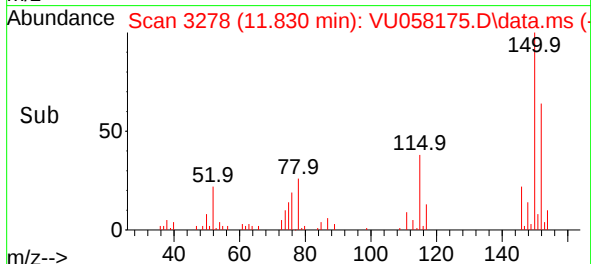
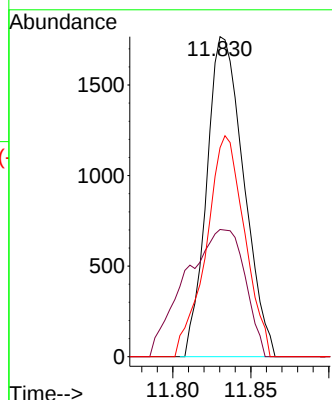
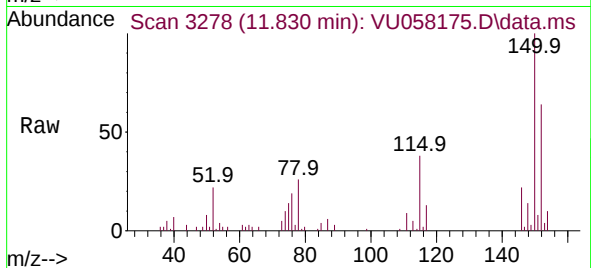
Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	2915
Ion Ratio	Lower	Upper
146	100	
111	39.7	30.1 55.9
148	65.3	45.0 83.6



#67

1,2-Dichlorobenzene

Concen: 0.516 ug/L

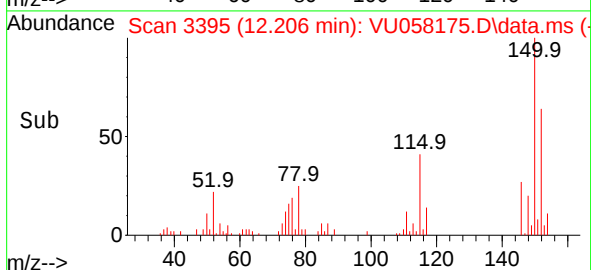
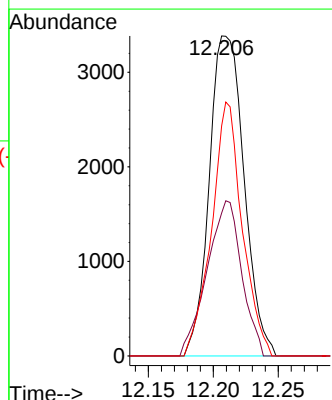
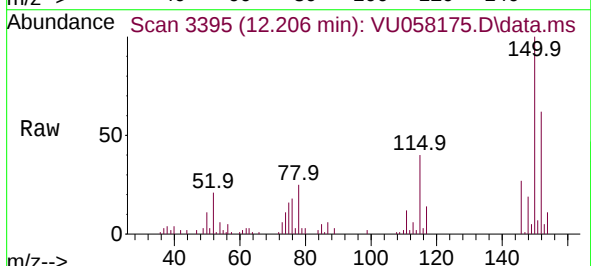
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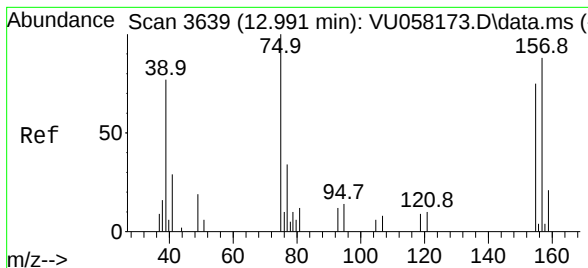
Delta R.T. 0.000 min

Lab File: VU058175.D

Acq: 20 Mar 2024 16:10

Tgt Ion:146	Resp:	6311
Ion Ratio	Lower	Upper
146	100	
111	44.6	37.4 56.0
148	71.9	50.8 76.2

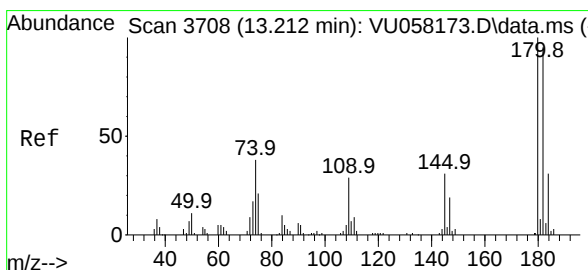
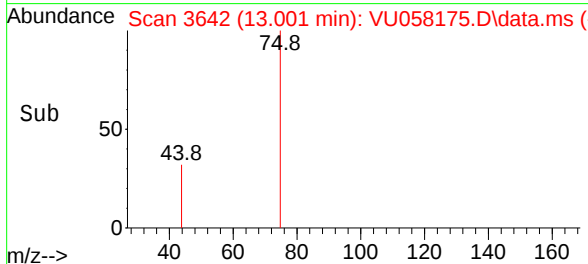
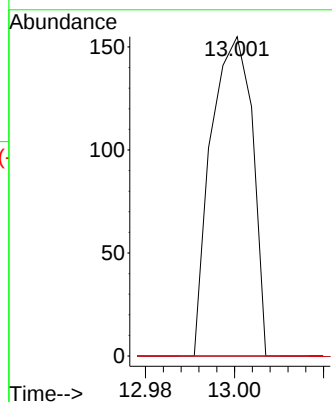
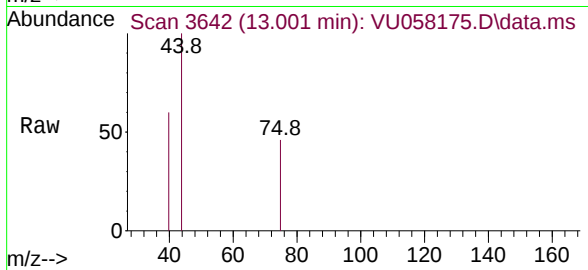




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.133 ug/L
 RT: 13.001 min Scan# 3642
 Delta R.T. 0.010 min
 Lab File: VU058175.D
 Acq: 20 Mar 2024 16:10

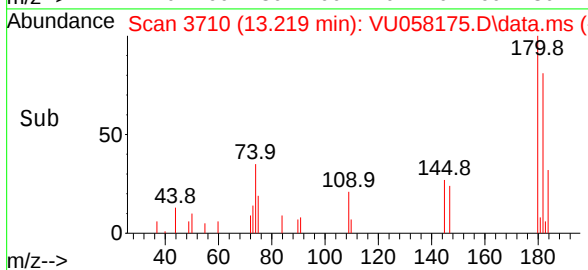
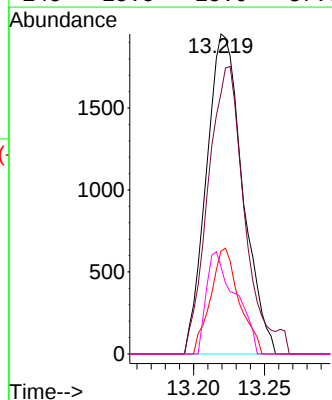
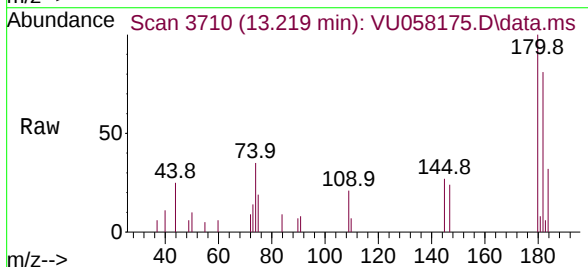
Instrument :
 MSVOA_U
 ClientSampleId :

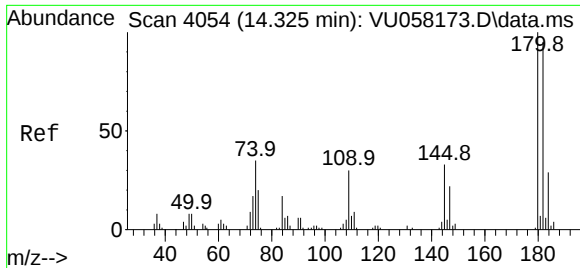
Tgt Ion: 75 Resp: 100
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.0 91.6#
 157 0.0 74.6 112.0#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.344 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.007 min
 Lab File: VU058175.D
 Acq: 20 Mar 2024 16:10

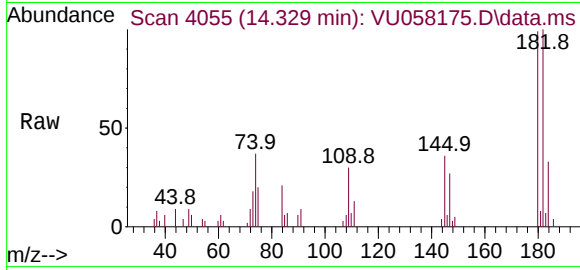
Tgt Ion:180 Resp: 3472
 Ion Ratio Lower Upper
 180 100
 182 90.6 76.3 114.5
 184 26.1 24.6 36.8
 145 25.5 25.0 37.6





#72
 1,2,3-Trichlorobenzene
 Concen: 1.343 ug/L
 RT: 14.329 min Scan# 4054
 Delta R.T. 0.004 min
 Lab File: VU058175.D
 Acq: 20 Mar 2024 16:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 8040

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.6	116.4
145	33.6	28.7	43.1

