

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055539.D
 Acq On : 27 Sep 2023 01:07
 Operator : MD/SY
 Sample : 04530-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 06:37:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

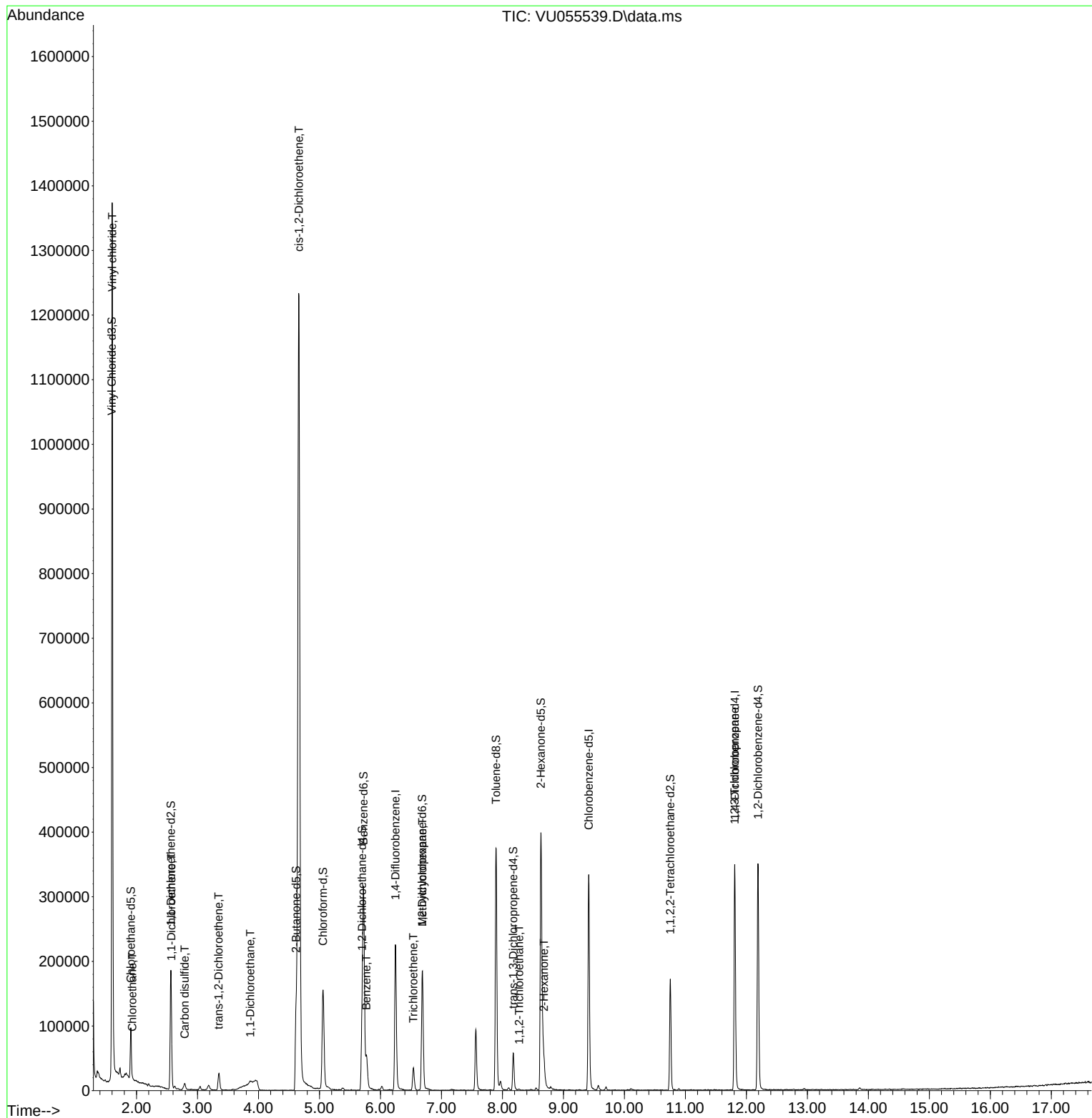
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	191659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	196597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	101429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	83499	4.311	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.907	69	59645	3.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.563	65	33348	4.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.618	46	203591	58.188	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.380%
24) Chloroform-d	5.058	84	153480	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.698	65	81663	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.724	84	313079	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	95595	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.898	98	268081	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.177	79	35210	4.883	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.631	63	125464	57.207	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.420%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87442	5.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	99211	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	888739	50.184	ug/L	97
8) Chloroethane	1.933	64	2470	0.214	ug/L #	54
12) 1,1-Dichloroethene	2.573	96	2064	0.154	ug/L #	1
14) Carbon disulfide	2.792	76	10679	0.265	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	12094	0.895	ug/L	95
19) 1,1-Dichloroethane	3.866	63	3314	0.133	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	678881	43.353	ug/L	97
33) Benzene	5.769	78	51104	0.903	ug/L	100
34) Trichloroethene	6.541	95	12305	0.769	ug/L	96
35) Methylcyclohexane	6.689	83	23571	1.022	ug/L #	20
45) 1,1,2-Trichloroethane	8.274	97	1118	0.108	ug/L #	14
48) 2-Hexanone	8.682	43	24588	4.726	ug/L #	83
61) 1,2,3-Trichloropropane	11.807	75	10942	1.382	ug/L #	67

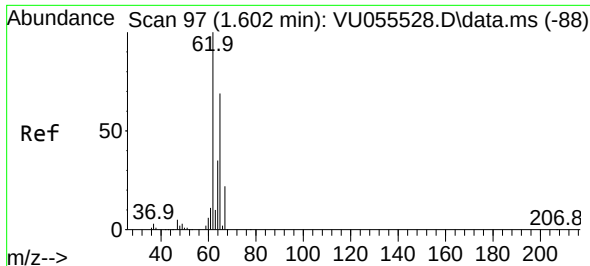
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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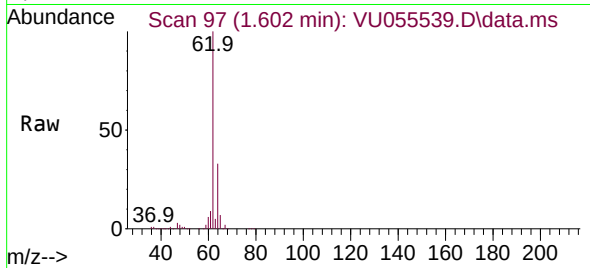
Quant Time: Sep 27 06:37:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
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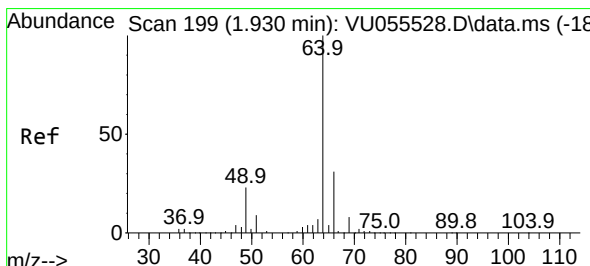
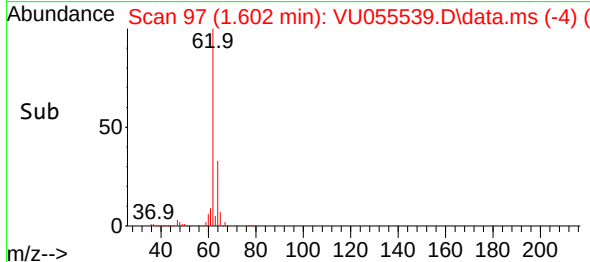
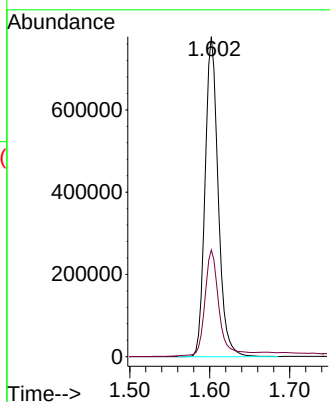


#5
 Vinyl chloride
 Concen: 50.184 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055539.D
 Acq: 27 Sep 2023 01:07

Instrument :
 MSVOA_U
 ClientSampleId :

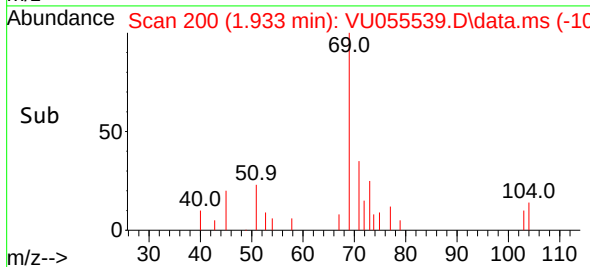
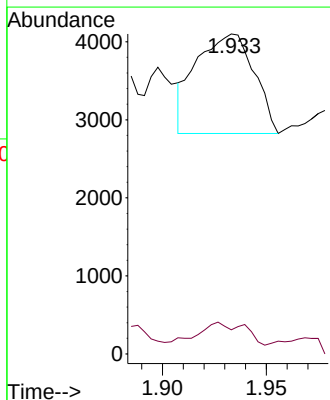
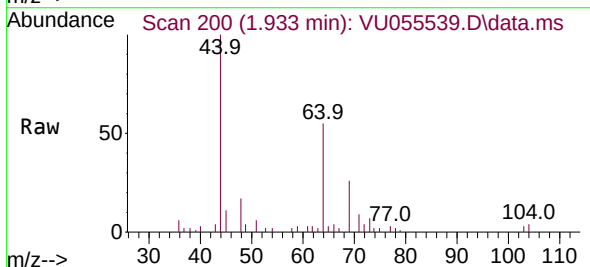


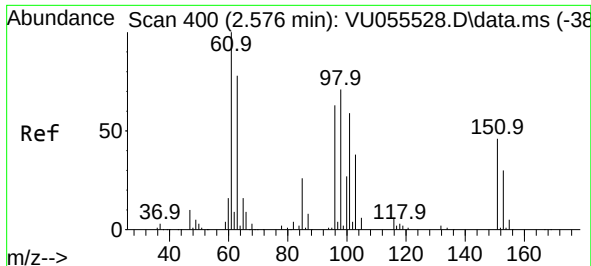
Tgt Ion: 62 Resp: 888739
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.3 41.5



#8
 Chloroethane
 Concen: 0.214 ug/L
 RT: 1.933 min Scan# 200
 Delta R.T. 0.003 min
 Lab File: VU055539.D
 Acq: 27 Sep 2023 01:07

Tgt Ion: 64 Resp: 2470
 Ion Ratio Lower Upper
 64 100
 66 7.5 23.7 44.1#





#12

1,1-Dichloroethene

Concen: 0.154 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU055539.D

Acq: 27 Sep 2023 01:07

Instrument :

MSVOA_U

ClientSampleId :

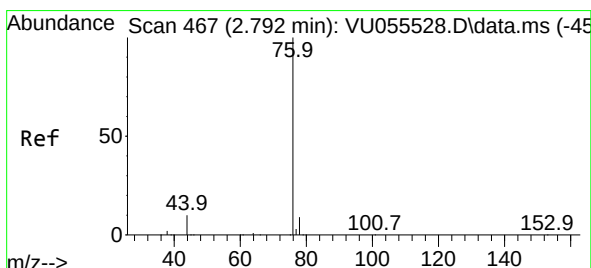
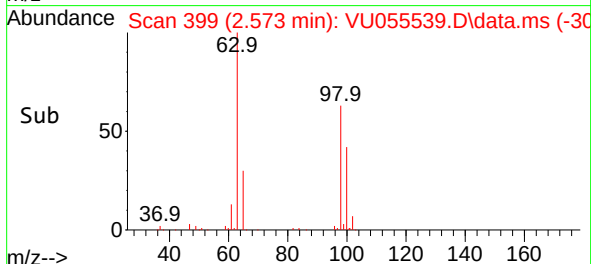
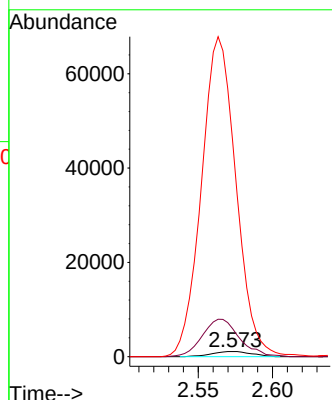
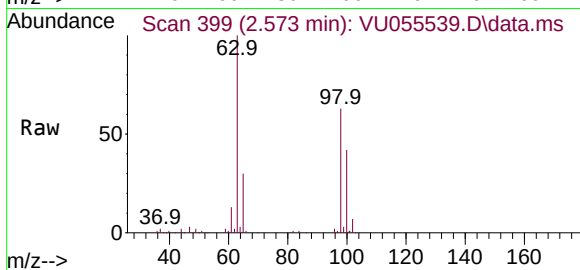
Tgt Ion: 96 Resp: 2064

Ion Ratio Lower Upper

96 100

61 543.0 114.5 212.7#

63 4177.3 98.3 182.5#



#14

Carbon disulfide

Concen: 0.265 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU055539.D

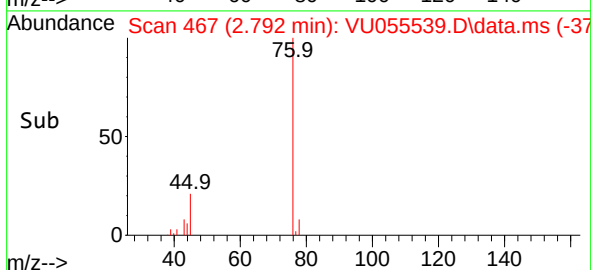
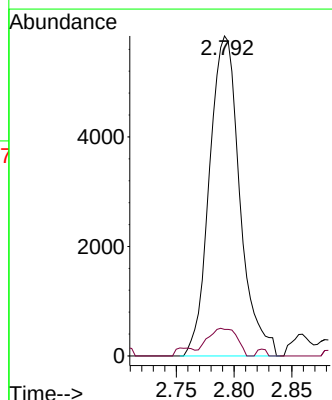
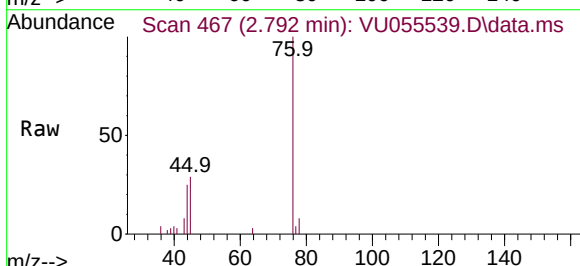
Acq: 27 Sep 2023 01:07

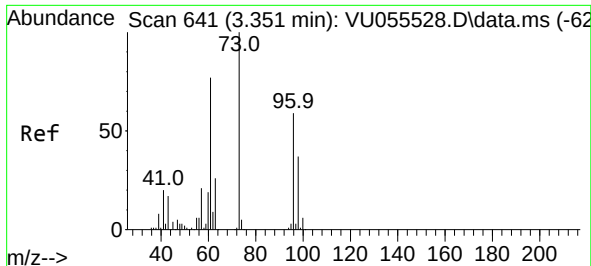
Tgt Ion: 76 Resp: 10679

Ion Ratio Lower Upper

76 100

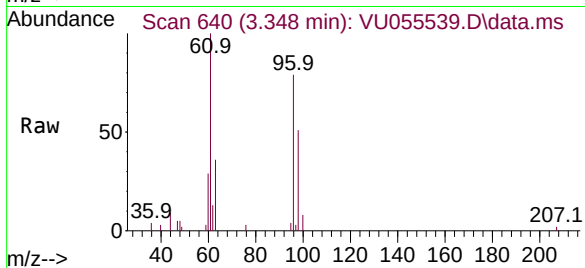
78 8.3 7.7 11.5





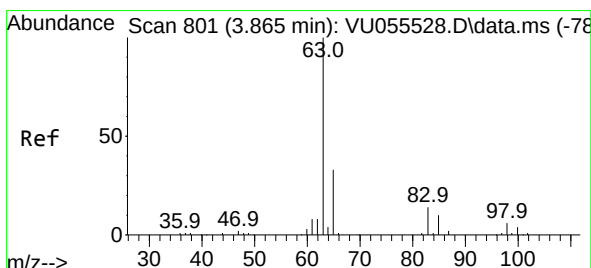
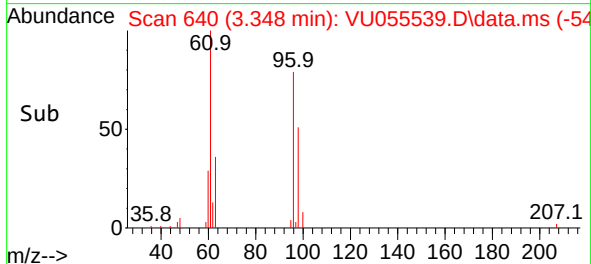
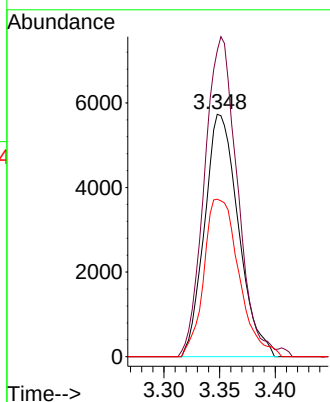
#18
trans-1,2-Dichloroethene
Concen: 0.895 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055539.D
Acq: 27 Sep 2023 01:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 12094

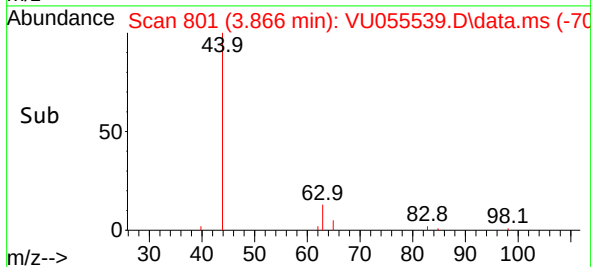
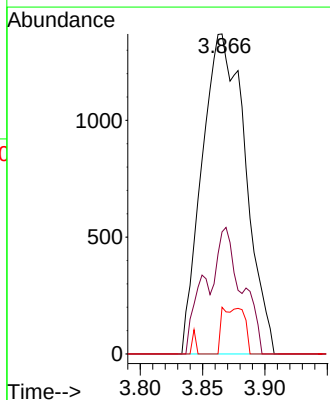
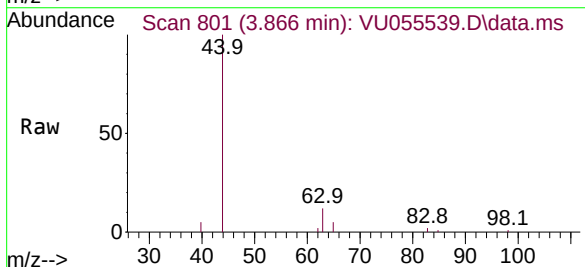
Ion	Ratio	Lower	Upper
96	100		
61	126.2	94.6	175.6
98	65.0	45.7	84.9

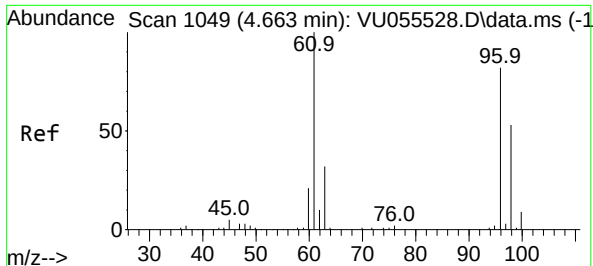


#19
1,1-Dichloroethane
Concen: 0.133 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055539.D
Acq: 27 Sep 2023 01:07

Tgt Ion: 63 Resp: 3314

Ion	Ratio	Lower	Upper
63	100		
65	38.2	22.0	41.0
83	14.6	10.1	18.9



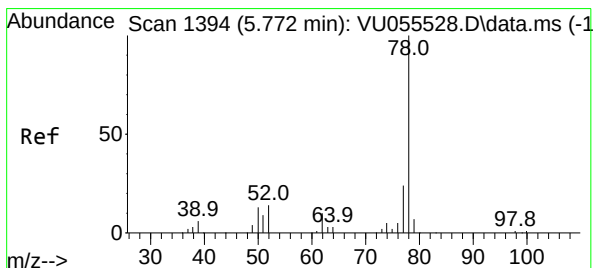
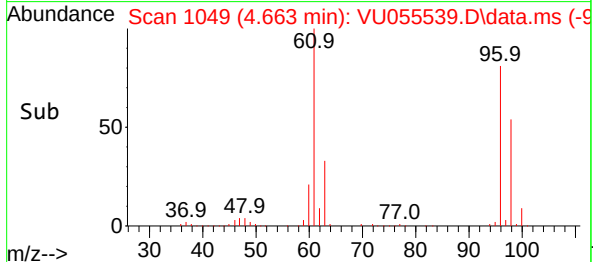
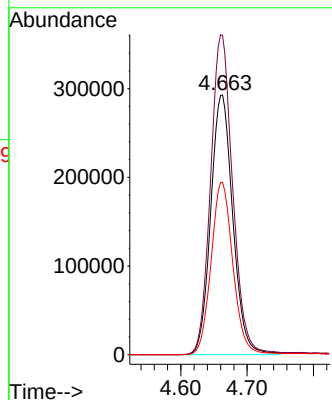
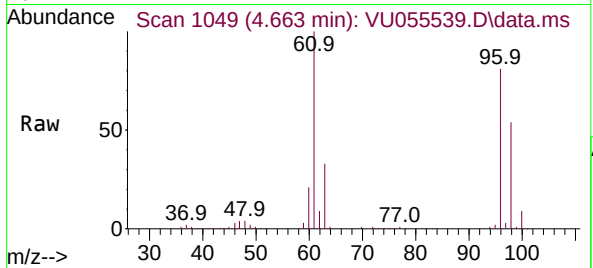


#22
 cis-1,2-Dichloroethene
 Concen: 43.353 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055539.D
 Acq: 27 Sep 2023 01:07

Instrument :
 MSVOA_U
 ClientSampleId :

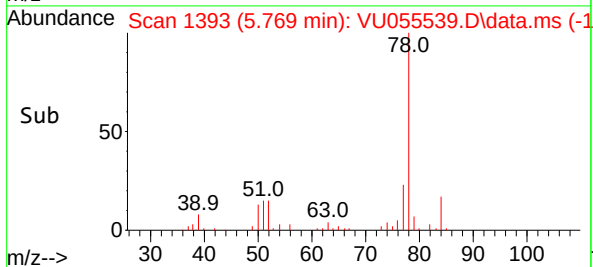
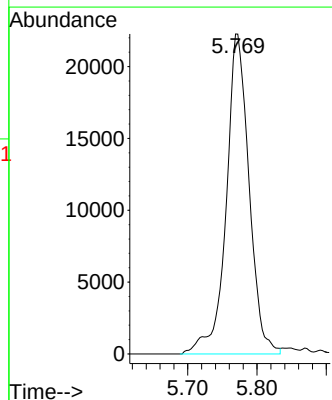
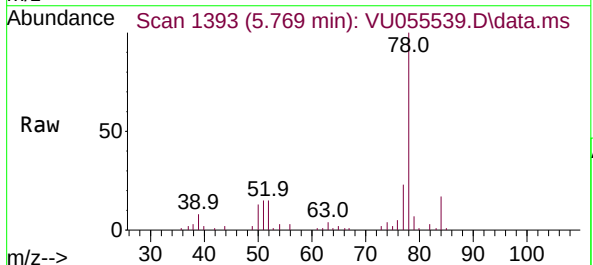
Tgt Ion: 96 Resp: 678881

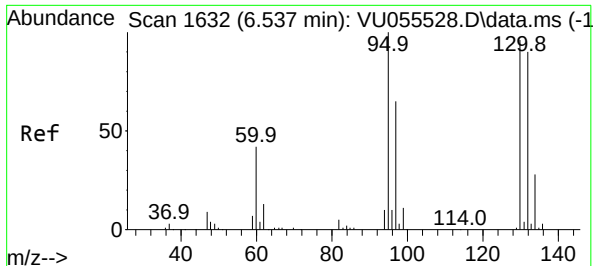
Ion	Ratio	Lower	Upper
96	100		
61	122.9	87.8	163.2
98	66.3	44.4	82.4



#33
 Benzene
 Concen: 0.903 ug/L
 RT: 5.769 min Scan# 1393
 Delta R.T. -0.003 min
 Lab File: VU055539.D
 Acq: 27 Sep 2023 01:07

Tgt Ion: 78 Resp: 51104





#34

Trichloroethene

Concen: 0.769 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

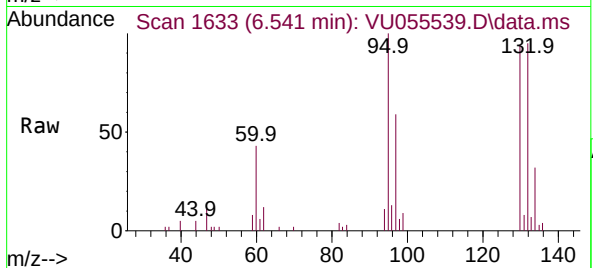
Lab File: VU055539.D

Acq: 27 Sep 2023 01:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 12305

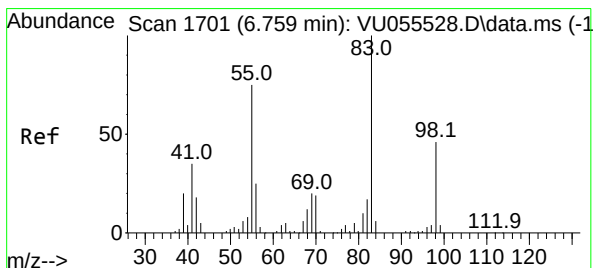
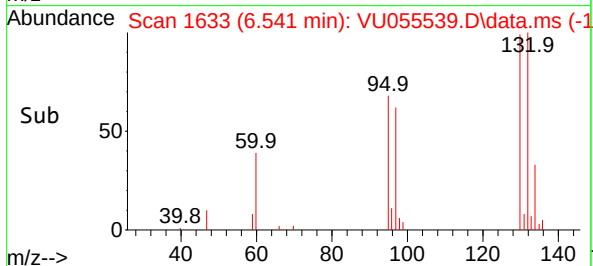
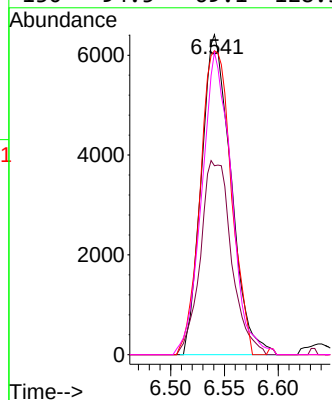
Ion Ratio Lower Upper

95 100

97 59.0 45.4 84.2

132 95.0 65.2 121.2

130 94.5 69.1 128.3



#35

Methylcyclohexane

Concen: 1.022 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055539.D

Acq: 27 Sep 2023 01:07

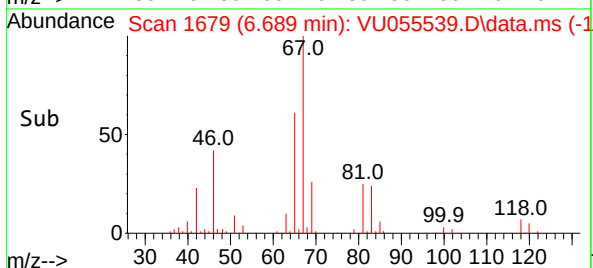
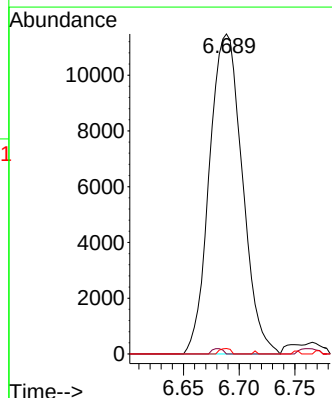
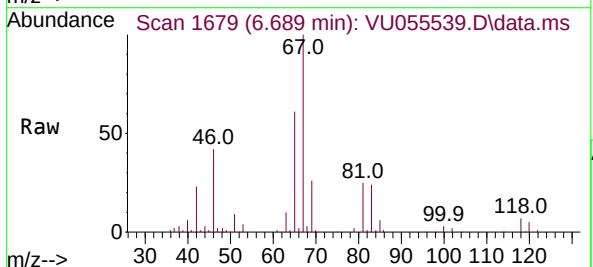
Tgt Ion: 83 Resp: 23571

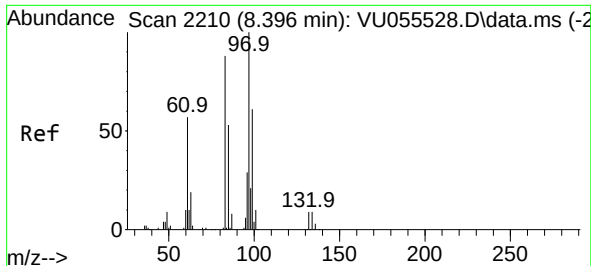
Ion Ratio Lower Upper

83 100

55 0.5 59.1 88.7#

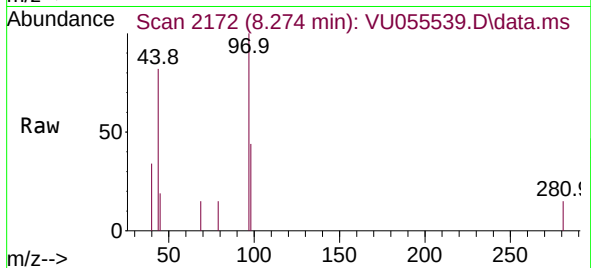
98 0.6 36.3 54.5#



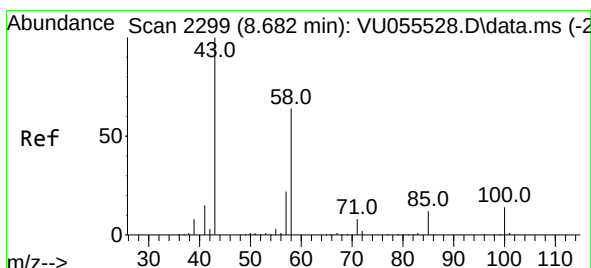
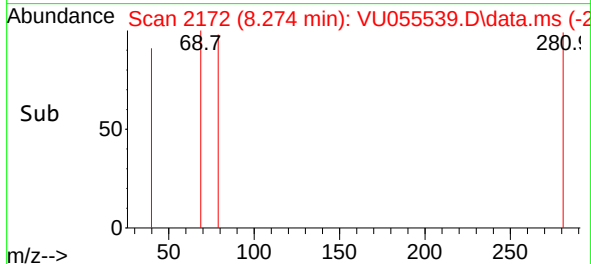
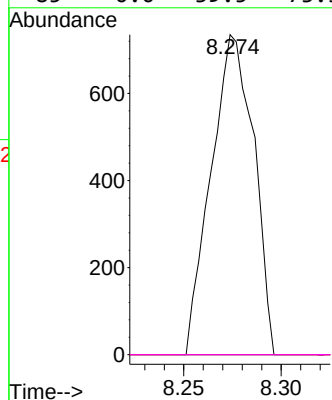


#45
1,1,2-Trichloroethane
Concen: 0.108 ug/L
RT: 8.274 min Scan# 2118
Delta R.T. -0.122 min
Lab File: VU055539.D
Acq: 27 Sep 2023 01:07

Instrument :
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ClientSampleId :

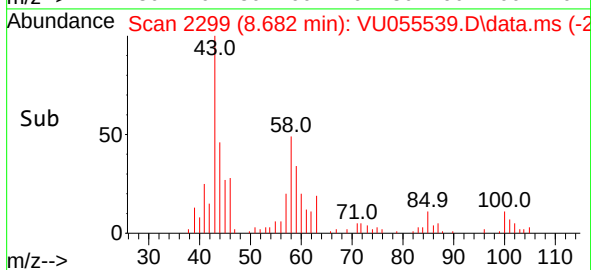
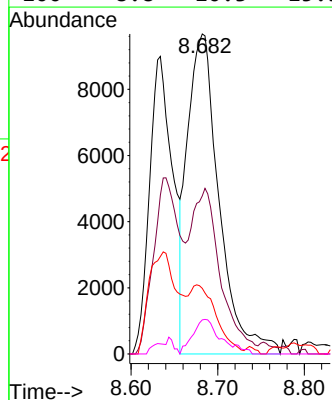
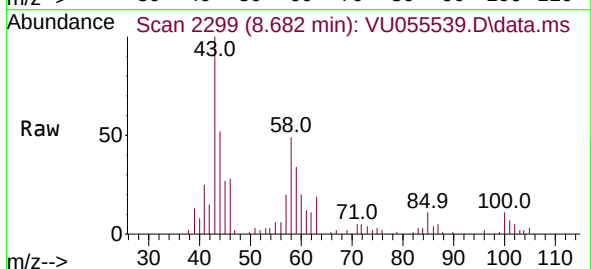


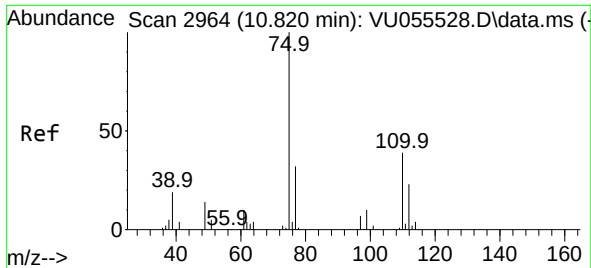
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.1	81.9#
83	0.0	61.5	114.1#
85	0.0	39.5	73.3#



#48
2-Hexanone
Concen: 4.726 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055539.D
Acq: 27 Sep 2023 01:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.7	48.5	72.7#
57	15.9	17.0	25.4#
100	8.8	10.3	15.5#





#61

1,2,3-Trichloropropane

Concen: 1.382 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.987 min

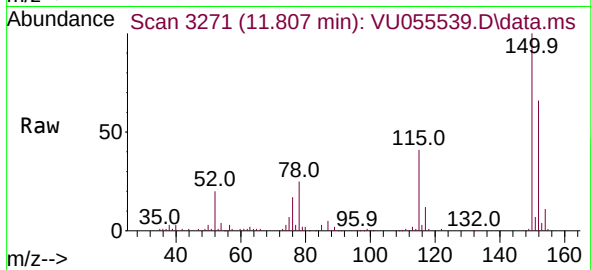
Lab File: VU055539.D

Acq: 27 Sep 2023 01:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 10942

Ion Ratio Lower Upper

75 100

110 1.6 30.6 45.8#

77 33.1 26.7 40.1

