

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055542.D
 Acq On : 27 Sep 2023 02:20
 Operator : MD/SY
 Sample : 04530-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

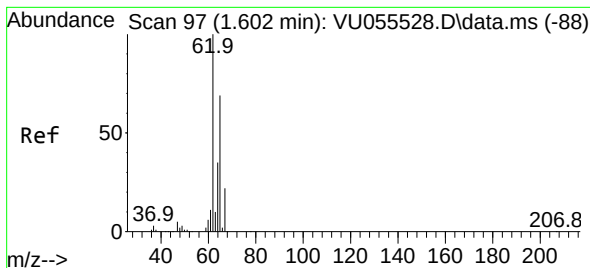
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 06:38:21 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	6.248	114	163539	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	86619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	63005	3.812	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.904	69	41644	2.859	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.200%#
11) 1,1-Dichloroethene-d2	2.563	65	26877	3.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.621	46	197266	66.075	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.160%#
24) Chloroform-d	5.058	84	121649	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.698	65	67256	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.724	84	242150	3.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.685	67	77527	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.894	98	207410	3.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.177	79	28484	4.461	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.631	63	122124	62.880	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.760%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78311	5.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	79927	4.572	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	63662	4.213	ug/L #	65
14) Carbon disulfide	2.788	76	10338	0.301	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	32944	2.466	ug/L	96
33) Benzene	5.772	78	18298	0.365	ug/L	100
35) Methylcyclohexane	6.689	83	18095	0.886	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	7840	0.598	ug/L #	88
48) 2-Hexanone	8.682	43	22093	4.795	ug/L #	88
61) 1,2,3-Trichloropropane	11.811	75	9176	1.357	ug/L #	65

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



#5

Vinyl chloride

Concen: 4.213 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

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MSVOA_U

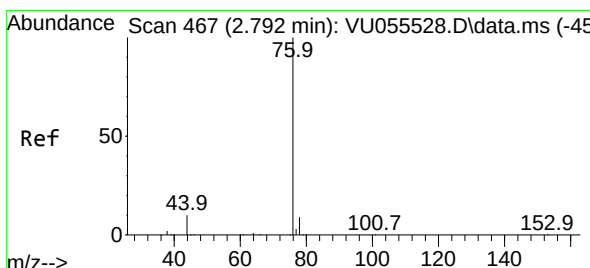
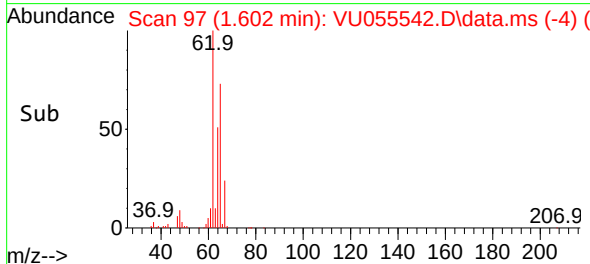
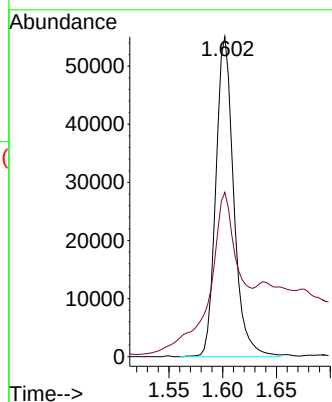
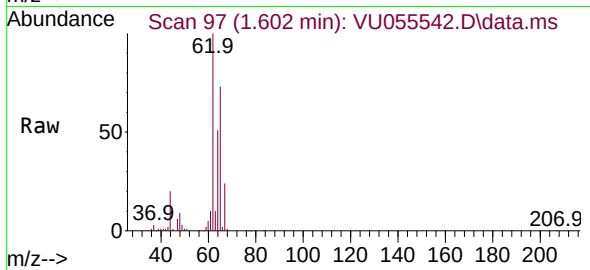
ClientSampleId :

Tgt Ion: 62 Resp: 63662

Ion Ratio Lower Upper

62 100

64 51.3 22.3 41.5#



#14

Carbon disulfide

Concen: 0.301 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU055542.D

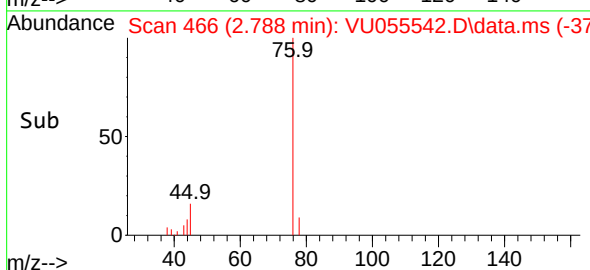
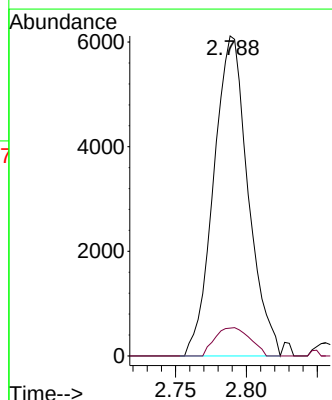
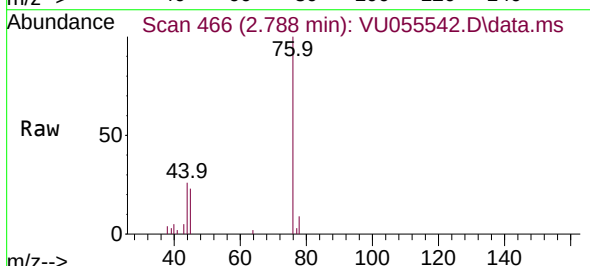
Acq: 27 Sep 2023 02:20

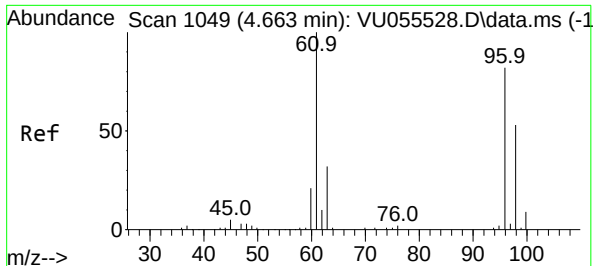
Tgt Ion: 76 Resp: 10338

Ion Ratio Lower Upper

76 100

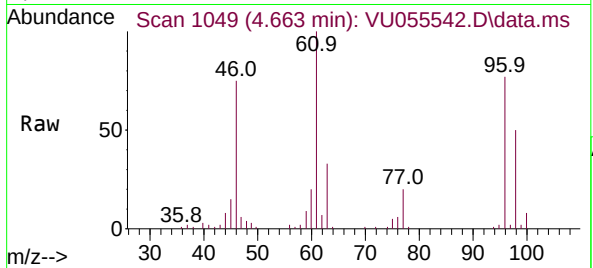
78 8.7 7.7 11.5



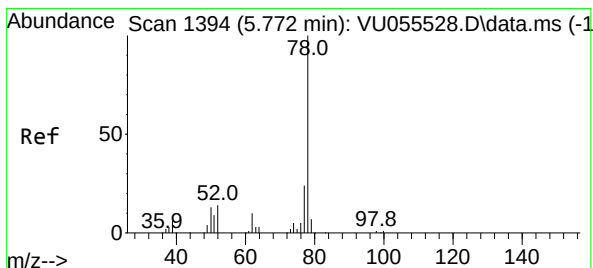
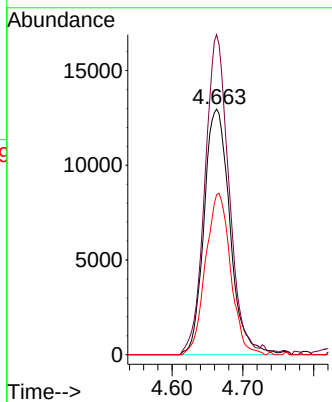
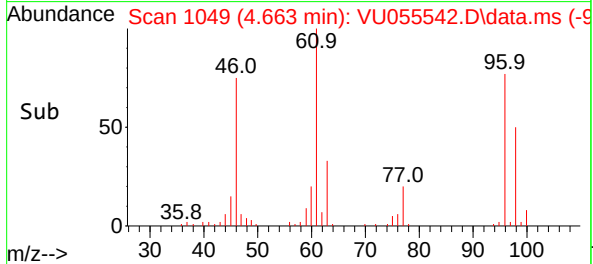


#22
 cis-1,2-Dichloroethene
 Concen: 2.466 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055542.D
 Acq: 27 Sep 2023 02:20

Instrument :
 MSVOA_U
 ClientSampleId :

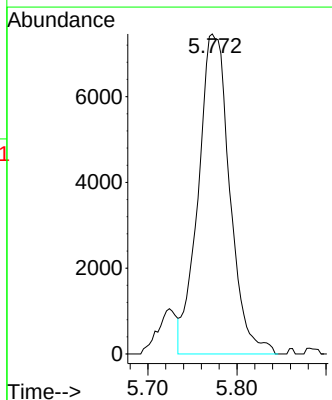
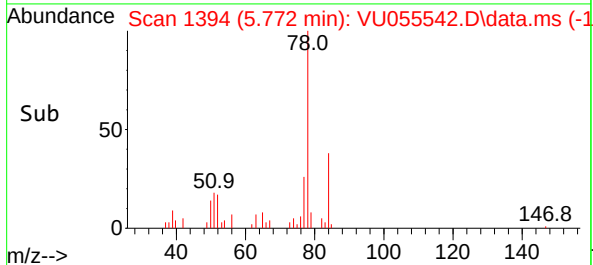
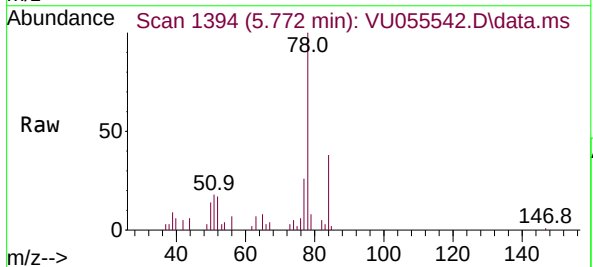


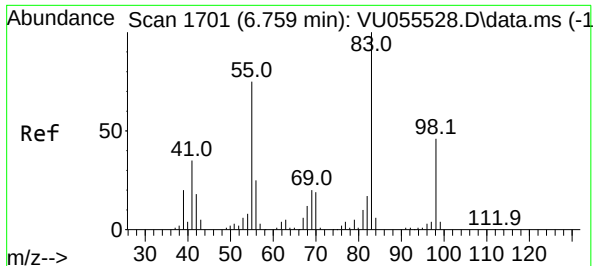
Tgt Ion:	96	Resp:	32944
Ion	Ratio	Lower	Upper
96	100		
61	130.3	87.8	163.2
98	65.2	44.4	82.4



#33
 Benzene
 Concen: 0.365 ug/L
 RT: 5.772 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VU055542.D
 Acq: 27 Sep 2023 02:20

Tgt Ion: 78 Resp: 18298





#35

Methylcyclohexane

Concen: 0.886 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055542.D

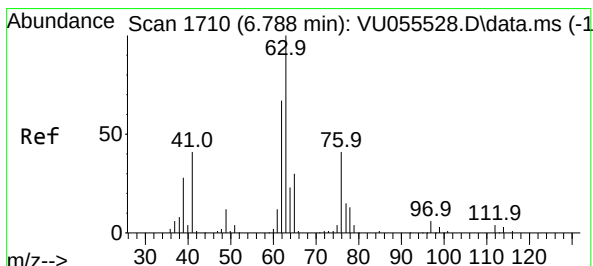
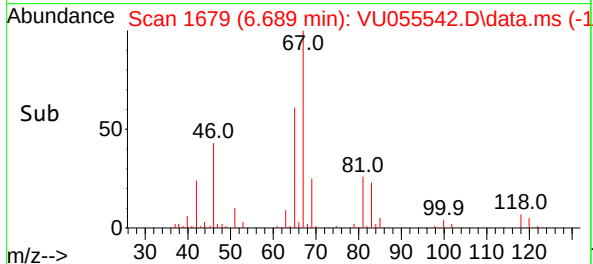
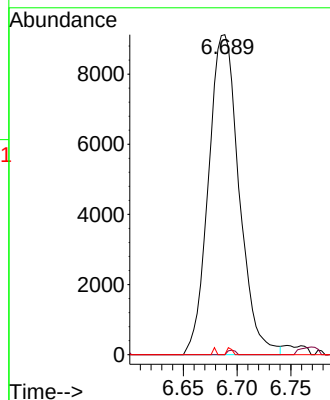
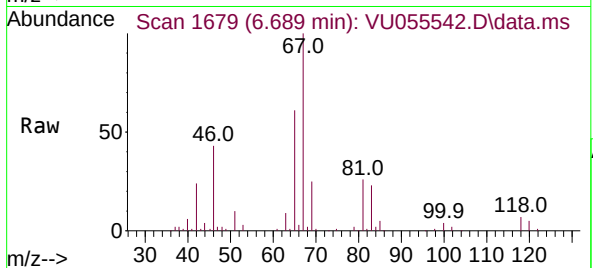
Acq: 27 Sep 2023 02:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 18095
Ion Ratio	Lower Upper
83	100
55	0.4 59.1 88.7#
98	0.4 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.598 ug/L

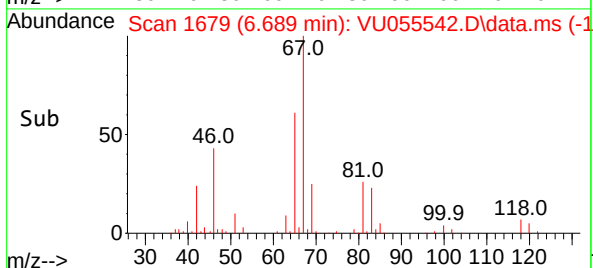
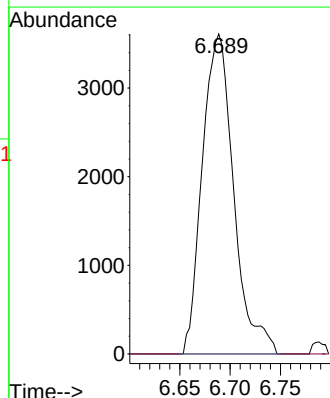
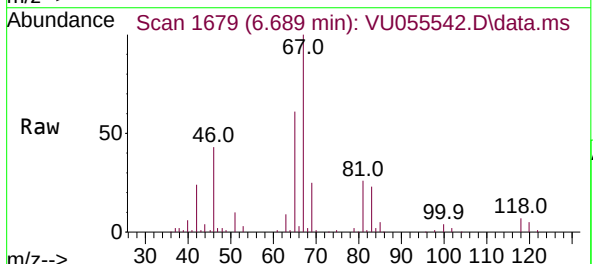
RT: 6.689 min Scan# 1679

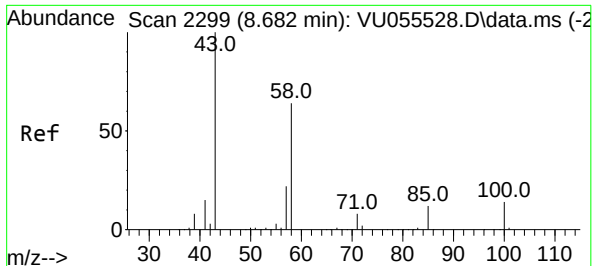
Delta R.T. -0.100 min

Lab File: VU055542.D

Acq: 27 Sep 2023 02:20

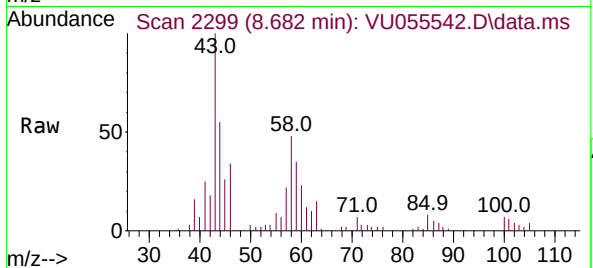
Tgt Ion: 63	Resp: 7840
Ion Ratio	Lower Upper
63	100
112	0.0 3.0 4.6#



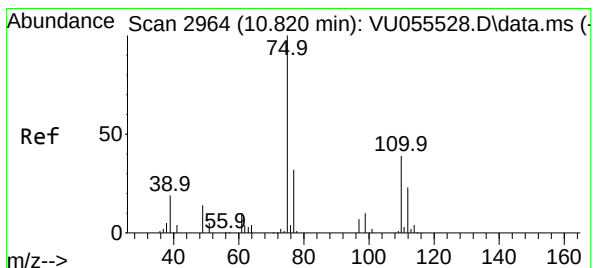
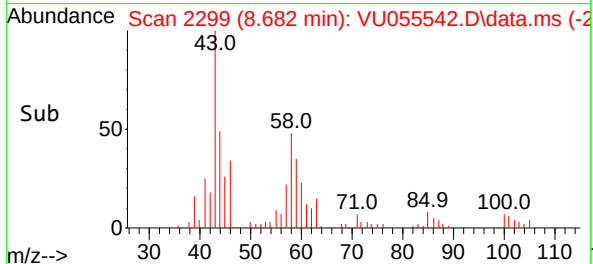
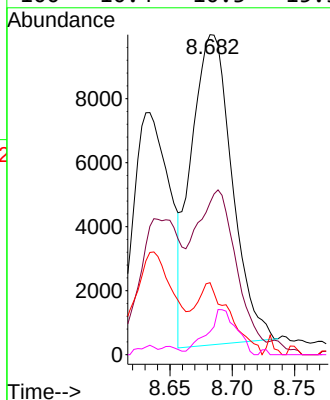


#48
2-Hexanone
Concen: 4.795 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055542.D
Acq: 27 Sep 2023 02:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	22093
Ion Ratio	100	Lower	Upper
43	100		
58	48.4	48.5	72.7#
57	18.8	17.0	25.4
100	10.4	10.3	15.5



#61
1,2,3-Trichloropropane
Concen: 1.357 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055542.D
Acq: 27 Sep 2023 02:20

Tgt Ion:	75	Resp:	9176
Ion Ratio	100	Lower	Upper
75	100		
110	2.2	30.6	45.8#
77	37.2	26.7	40.1

