

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055538.D
 Acq On : 27 Sep 2023 00:43
 Operator : MD/SY
 Sample : 04530-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/27/2023
 Supervised By : Mahesh Dadoda 09/28/2023

Quant Time: Sep 27 06:37:14 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	190971	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197417	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98639	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	343676	17.806	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	356.200%#
7) Chloroethane-d5	1.904	69	54217	3.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.800%#
11) 1,1-Dichloroethene-d2	2.563	65	32206	4.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.634	46	199617	57.258	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.520%
24) Chloroform-d	5.058	84	142531	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.698	65	76738	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.724	84	291611	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.685	67	91274	4.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.894	98	250261	3.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.177	79	34442	4.757	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.631	63	127926	58.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83856	5.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	95488	4.796	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
5) Vinyl chloride	1.589	62	19644600m	1113.268	ug/L	
12) 1,1-Dichloroethene	2.576	96	41377	3.099	ug/L	89
14) Carbon disulfide	2.792	76	18063	0.450	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	181054	13.453	ug/L	99
22) cis-1,2-Dichloroethene	4.644	96	28905483m	1852.560	ug/L	
27) 1,2-Dichloroethane	5.788	62	4712m	0.292	ug/L	
33) Benzene	5.772	78	79134	1.393	ug/L	100
34) Trichloroethene	6.541	95	18796	1.169	ug/L	97
42) Toluene	7.971	91	14166	0.234	ug/L	99
47) Tetrachloroethene	8.550	164	2101	0.182	ug/L	93
70) 1,2,4-trichlorobenzene	13.849	180	4781	0.335	ug/L	88

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

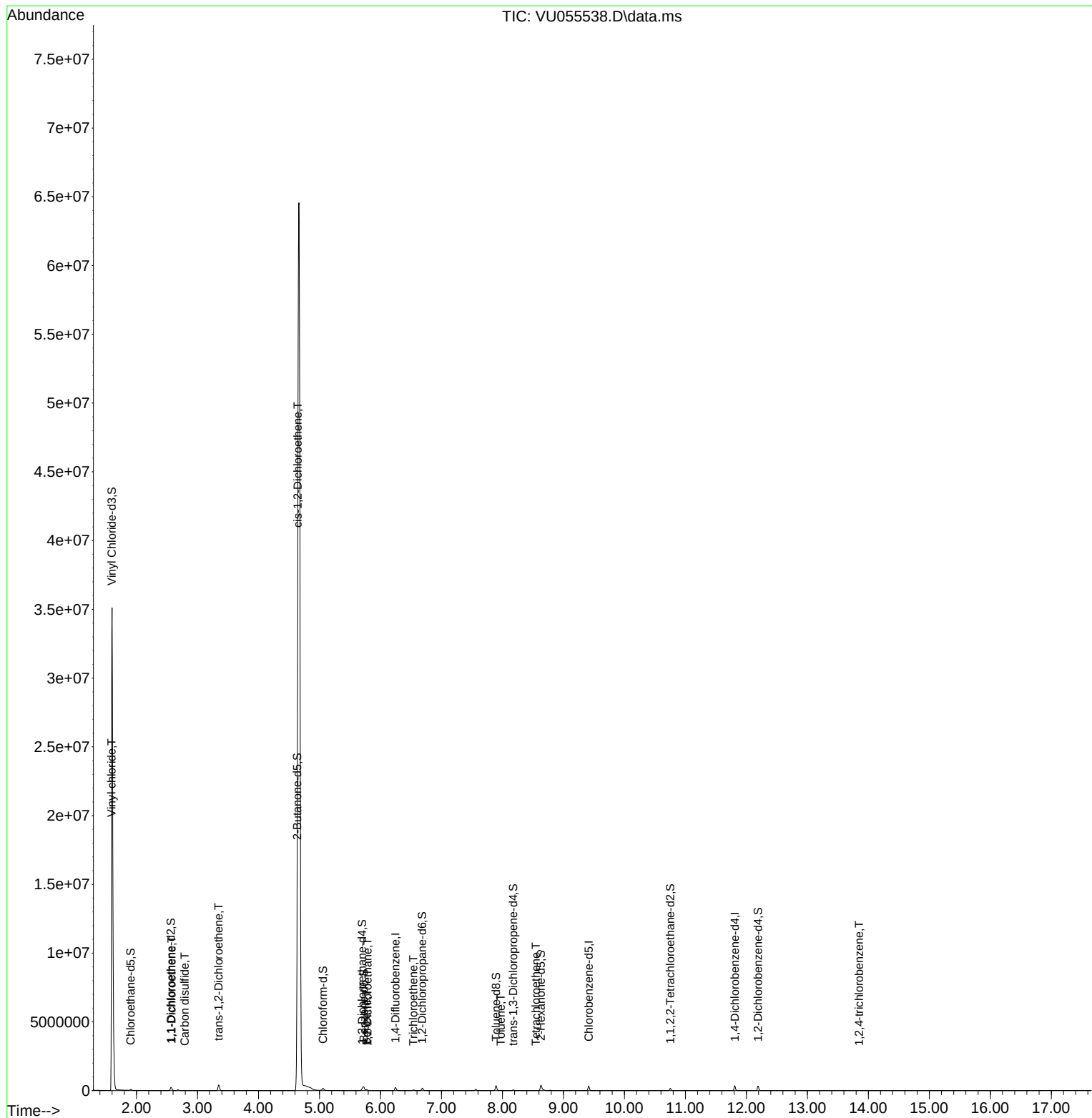
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
Data File : VU055538.D
Acq On : 27 Sep 2023 00:43
Operator : MD/SY
Sample : 04530-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

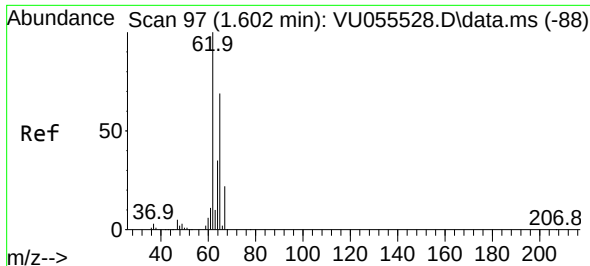
Instrument :
MSVOA_U
ClientSampleId :
EYHY4

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/27/2023
Supervised By : Mahesh Dadoda 09/28/2023

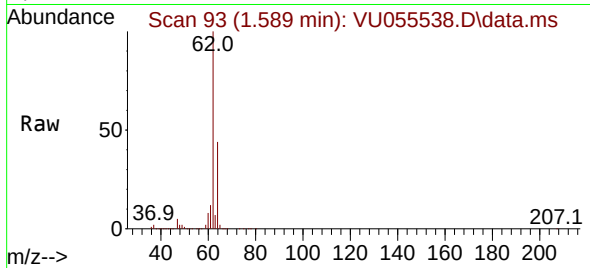
Quant Time: Sep 27 06:37:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 06:19:47 2023
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1113.268 ug/L m
 RT: 1.589 min Scan# 91
 Delta R.T. -0.013 min
 Lab File: VU055538.D
 Acq: 27 Sep 2023 00:43

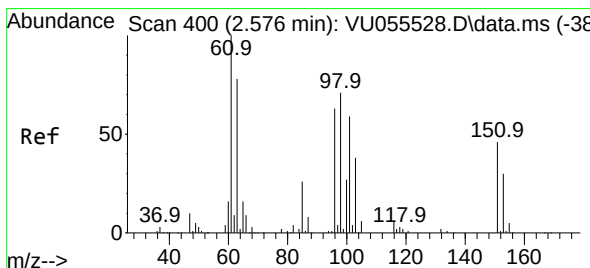
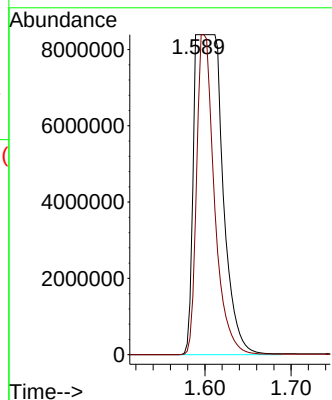
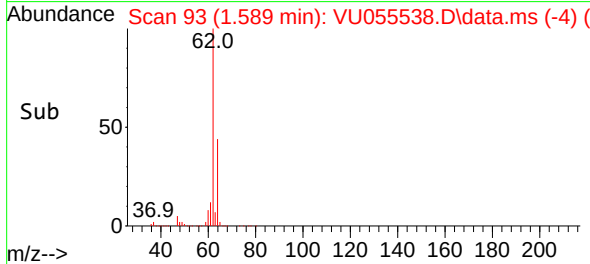
Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY4



Tgt Ion: 62 Resp:19644600
 Ion Ratio Lower Upper
 62 100
 64 43.8 22.3 41.5

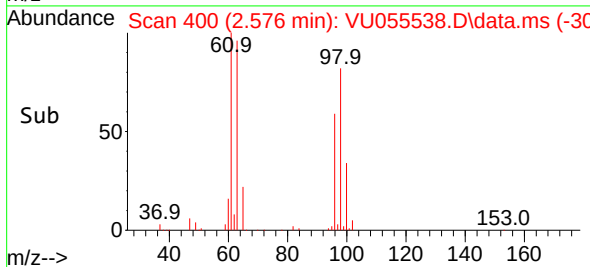
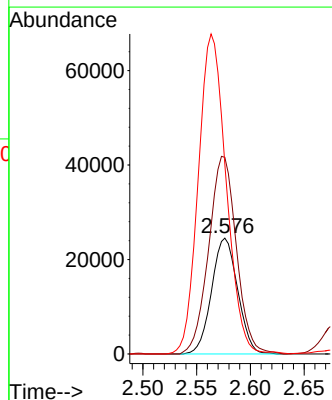
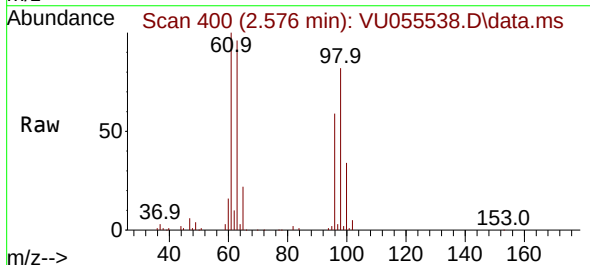
Manual Integrations
 APPROVED

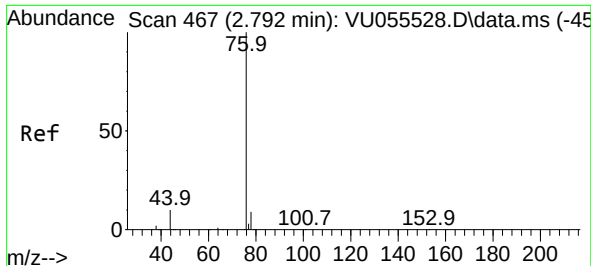
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#12
 1,1-Dichloroethene
 Concen: 3.099 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055538.D
 Acq: 27 Sep 2023 00:43

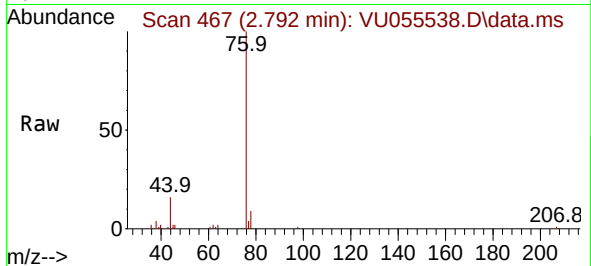
Tgt Ion: 96 Resp: 41377
 Ion Ratio Lower Upper
 96 100
 61 169.8 114.5 212.7
 63 163.7 98.3 182.5





#14
Carbon disulfide
Concen: 0.450 ug/L
RT: 2.792 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU055538.D
Acq: 27 Sep 2023 00:43

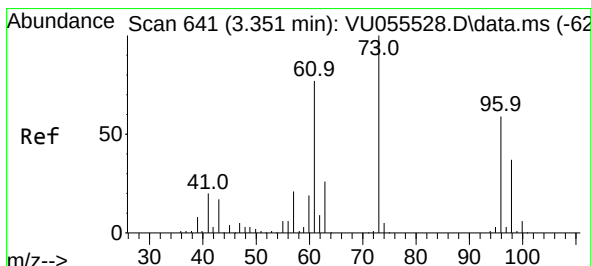
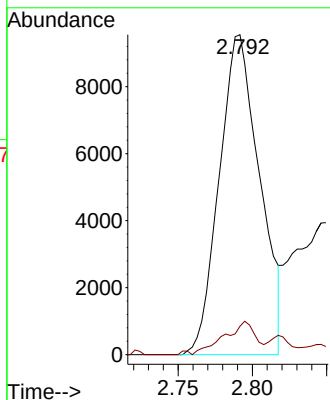
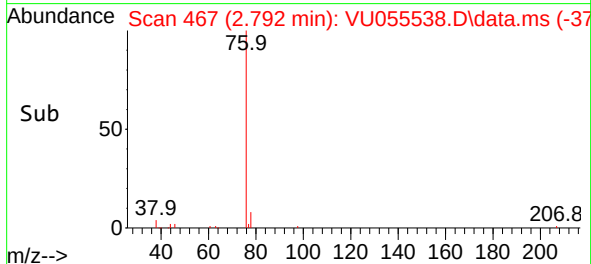
Instrument :
MSVOA_U
ClientSampleId :
EYHY4



Tgt Ion: 76 Resp: 1806
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5

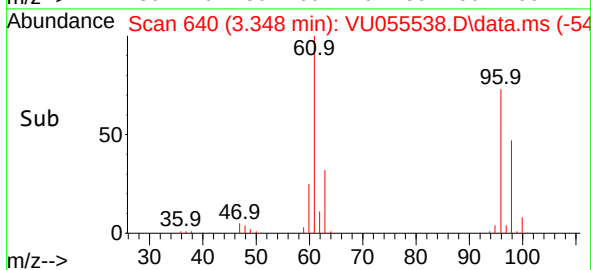
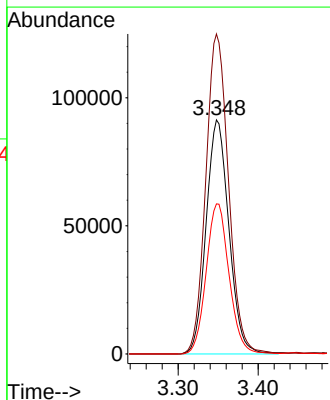
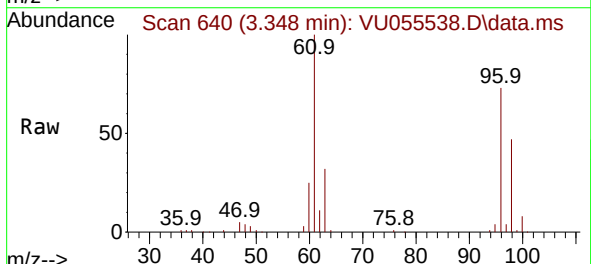
Manual Integrations
APPROVED

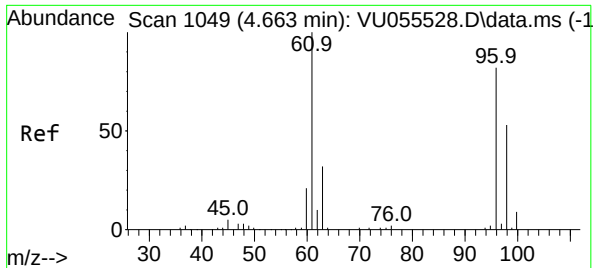
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/28/2023



#18
trans-1,2-Dichloroethene
Concen: 13.453 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055538.D
Acq: 27 Sep 2023 00:43

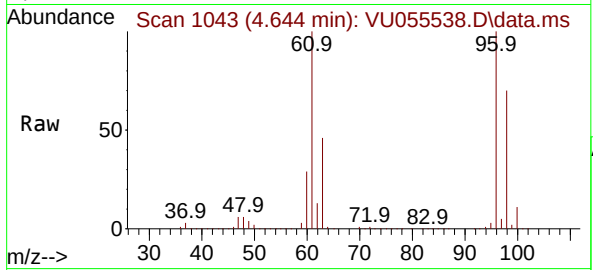
Tgt Ion: 96 Resp: 181054
Ion Ratio Lower Upper
96 100
61 136.7 94.6 175.6
98 64.1 45.7 84.9





#22
 cis-1,2-Dichloroethene
 Concen: 1852.560 ug/L m
 RT: 4.644 min Scan# 1043
 Delta R.T. -0.019 min
 Lab File: VU055538.D
 Acq: 27 Sep 2023 00:43

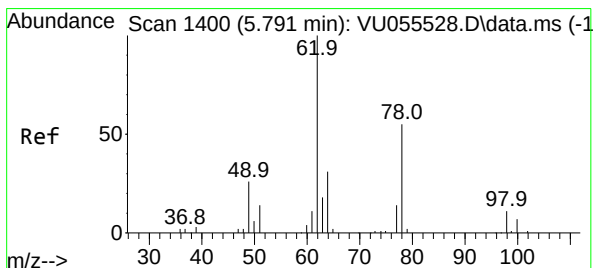
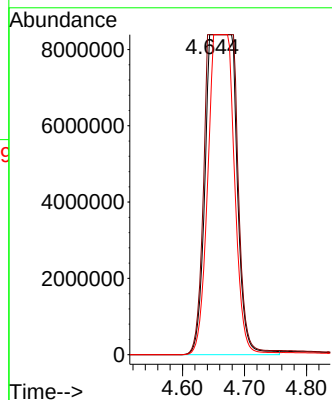
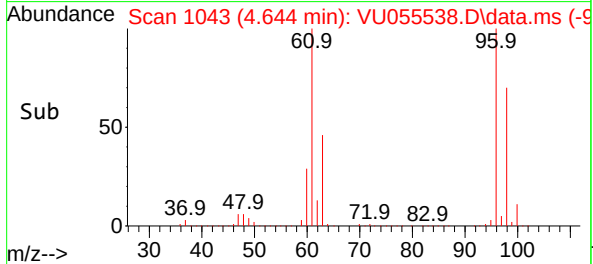
Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY4



Tgt Ion: 96 Resp: 2890548
 Ion Ratio Lower Upper
 96 100
 61 100.0 87.8 163.2
 98 69.8 44.4 82.4

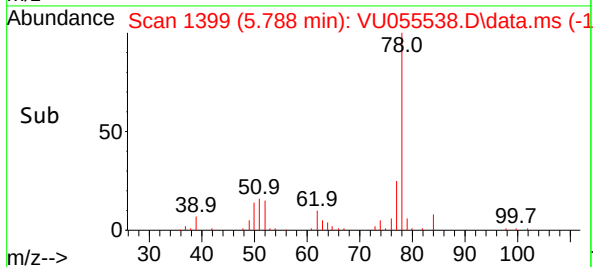
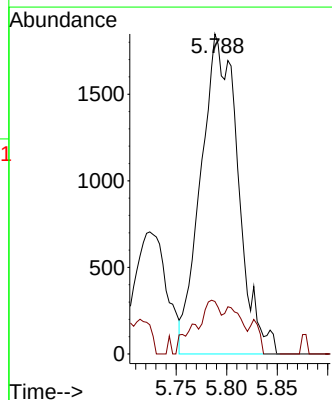
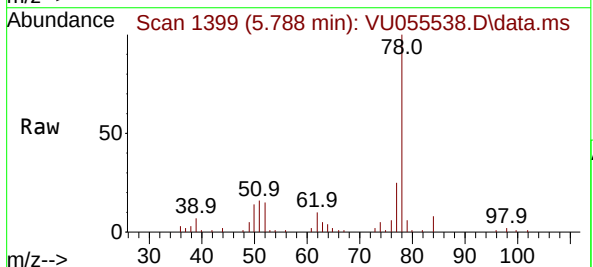
Manual Integrations
 APPROVED

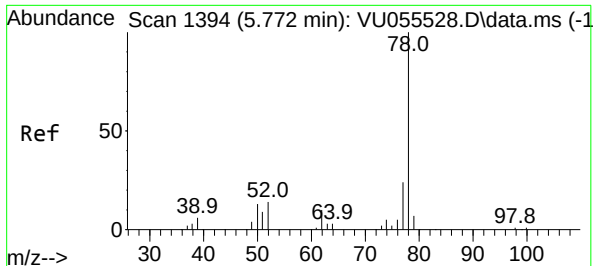
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#27
 1,2-Dichloroethane
 Concen: 0.292 ug/L m
 RT: 5.788 min Scan# 1399
 Delta R.T. -0.003 min
 Lab File: VU055538.D
 Acq: 27 Sep 2023 00:43

Tgt Ion: 62 Resp: 4712
 Ion Ratio Lower Upper
 62 100
 98 16.4 7.0 10.4#





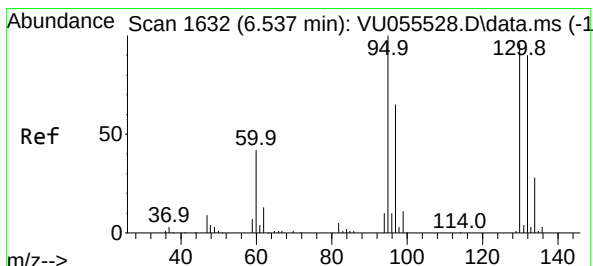
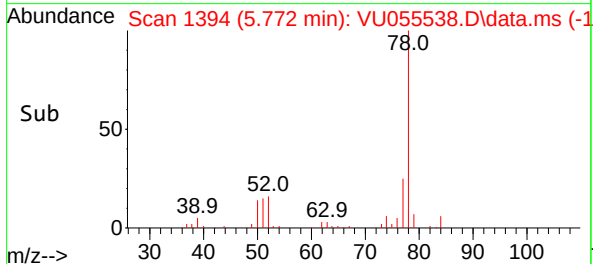
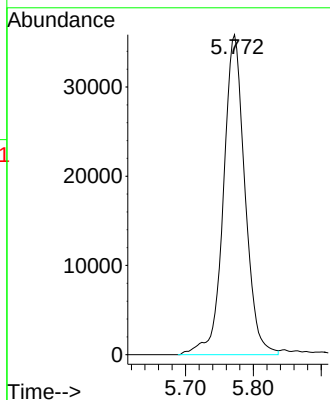
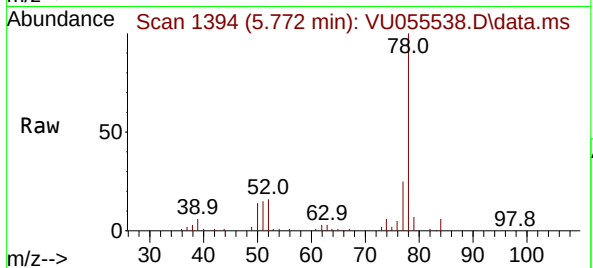
#33
Benzene
Concen: 1.393 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055538.D
Acq: 27 Sep 2023 00:43

Instrument :
MSVOA_U
ClientSampleId :
EYHY4

Tgt Ion: 78 Resp: 79134

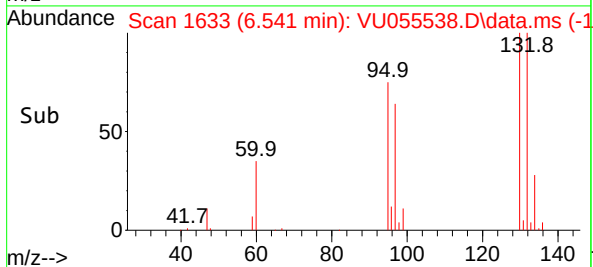
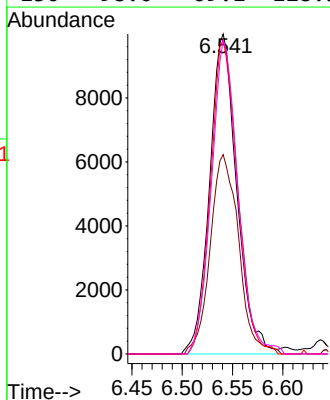
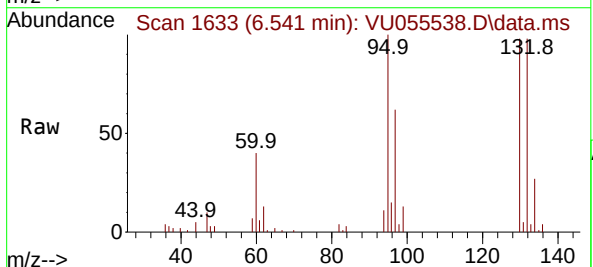
Manual Integrations
APPROVED

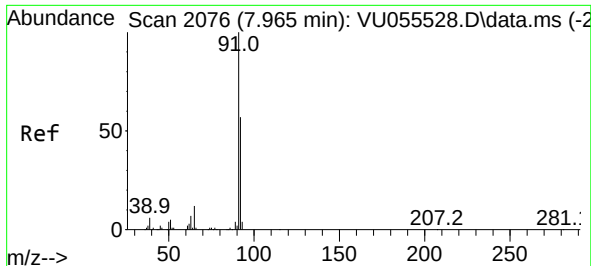
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/28/2023



#34
Trichloroethene
Concen: 1.169 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU055538.D
Acq: 27 Sep 2023 00:43

Tgt Ion: 95 Resp: 18796
Ion Ratio Lower Upper
95 100
97 62.3 45.4 84.2
132 98.1 65.2 121.2
130 98.0 69.1 128.3





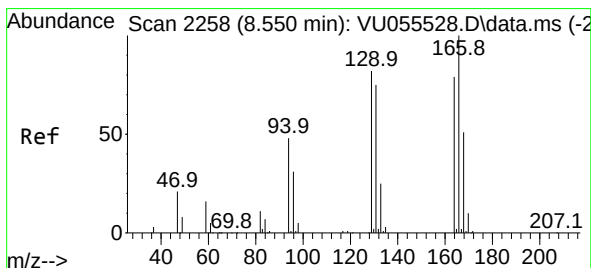
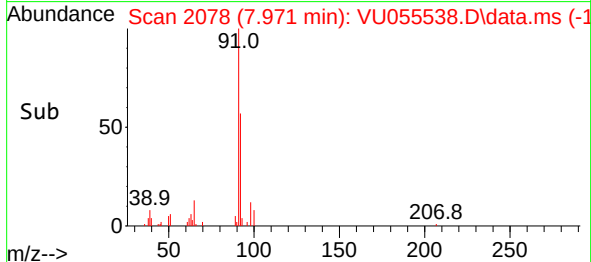
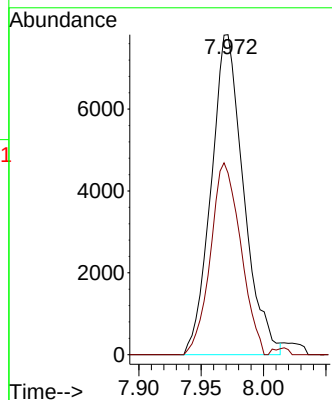
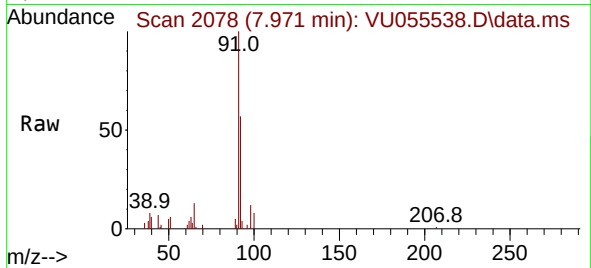
#42
Toluene
Concen: 0.234 ug/L
RT: 7.971 min Scan# 2076
Delta R.T. 0.006 min
Lab File: VU055538.D
Acq: 27 Sep 2023 00:43

Instrument :
MSVOA_U
ClientSampleId :
EYHY4

Tgt Ion: 91 Resp: 1416
Ion Ratio Lower Upper
91 100
92 56.8 40.3 74.8

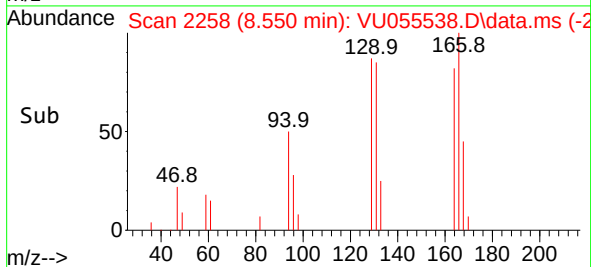
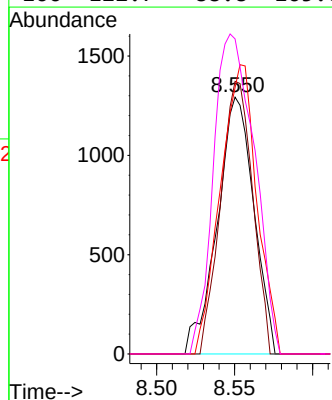
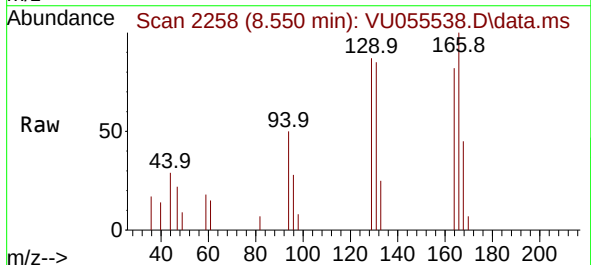
Manual Integrations
APPROVED

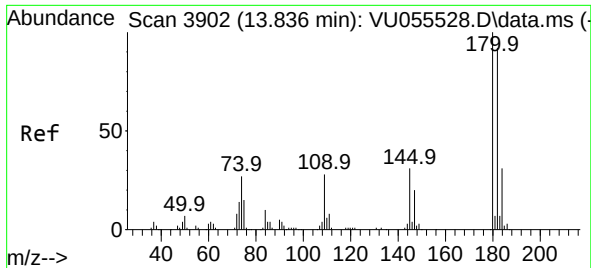
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/28/2023



#47
Tetrachloroethene
Concen: 0.182 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055538.D
Acq: 27 Sep 2023 00:43

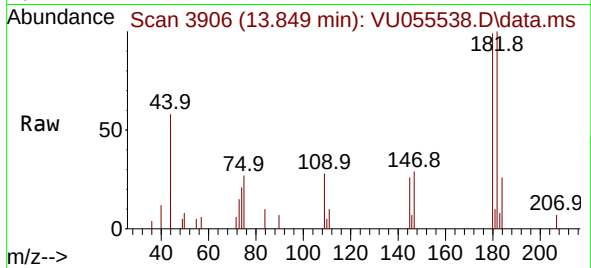
Tgt Ion:164 Resp: 2101
Ion Ratio Lower Upper
164 100
129 106.2 67.4 125.2
131 103.7 66.4 123.2
166 122.7 88.8 165.0





#70
1,2,4-trichlorobenzene
Concen: 0.335 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.013 min
Lab File: VU055538.D
Acq: 27 Sep 2023 00:43

Instrument :
MSVOA_U
ClientSampleId :
EYHY4



Tgt Ion:180 Resp: 478
Ion Ratio Lower Upper
180 100
182 109.5 76.4 114.6
145 28.0 25.4 38.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/28/2023

