

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055219.D
 Acq On : 08 Sep 2023 04:56
 Operator : MD/SY
 Sample : 04307-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2023
 Supervised By : Mahesh Dadoda 09/14/2023

Quant Time: Sep 08 06:41:08 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	165698	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	171978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	87602	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34159	4.399	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	88.000%		
7) Chloroethane-d5	1.911	69	43196	4.805	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	96.200%		
11) 1,1-Dichloroethene-d2	2.563	65	19672	4.446	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	89.000%		
20) 2-Butanone-d5	4.631	46	139340	61.829	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	123.660%		
24) Chloroform-d	5.058	84	105380	5.114	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	102.200%		
26) 1,2-Dichloroethane-d4	5.701	65	54892	5.324	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	106.400%		
32) Benzene-d6	5.724	84	203465	4.793	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.800%		
36) 1,2-Dichloropropane-d6	6.689	67	68489	5.073	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	101.400%		
41) Toluene-d8	7.898	98	173195	4.429	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.600%		
43) trans-1,3-Dichloroprop...	8.180	79	16015	4.307	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	86.200%		
46) 2-Hexanone-d5	8.634	63	70825	46.918	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	93.840%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51543	5.428	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	108.600%		
66) 1,2-Dichlorobenzene-d4	12.193	152	61895	4.841	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	96.800%		
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3909	0.399	ug/L	99
13) Acetone	2.634	43	81879	54.209	ug/L	94
15) Methyl Acetate	2.952	43	21647	7.002	ug/L	99
16) Methylene chloride	3.039	84	5056	0.432	ug/L	93
21) 2-Butanone	4.721	43	17814m	8.027	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	52733	5.543	ug/L	98
34) Trichloroethene	6.541	95	26802	2.635	ug/L	94
40) 4-Methyl-2-pentanone	7.795	43	10364	1.823	ug/L #	89
42) Toluene	7.971	91	6614	0.169	ug/L	83
70) 1,2,4-trichlorobenzene	13.843	180	7127	0.513	ug/L	98

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

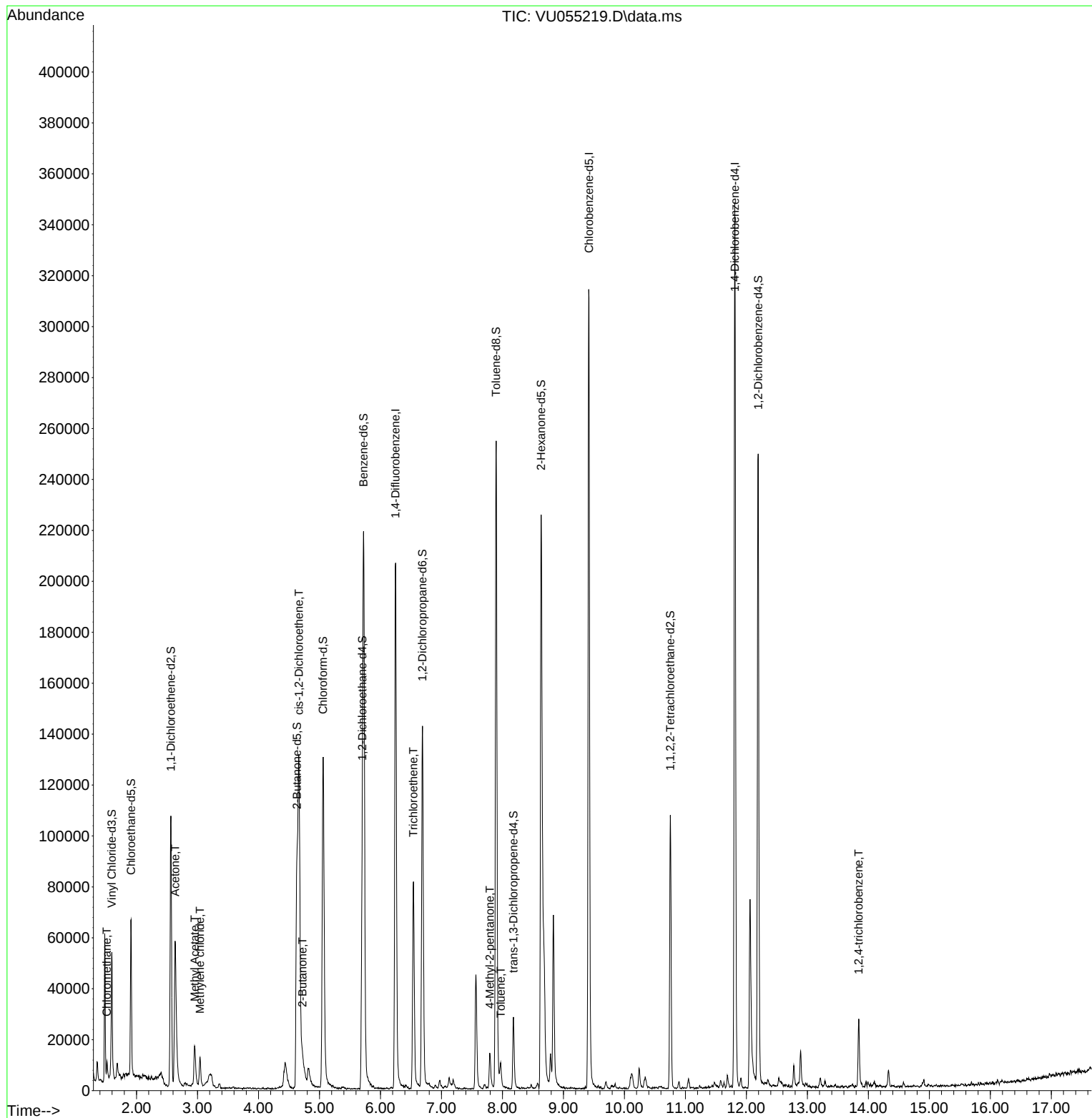
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
Data File : VU055219.D
Acq On : 08 Sep 2023 04:56
Operator : MD/SY
Sample : 04307-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

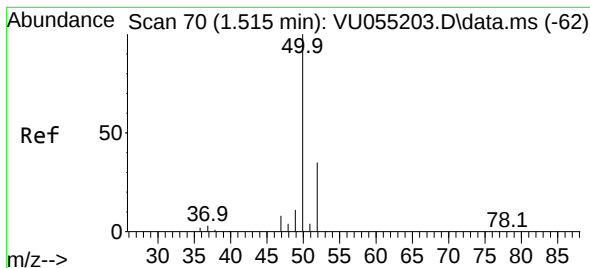
Instrument :
MSVOA_U
ClientSampleId :
BH4P7

Quant Time: Sep 08 06:41:08 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

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/14/2023





#3

Chloromethane

Concen: 0.399 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU055219.D

Acq: 08 Sep 2023 04:56

Instrument :

MSVOA_U

ClientSampleId :

BH4P7

Tgt Ion: 50 Resp: 3909

Ion Ratio Lower Upper

50 100

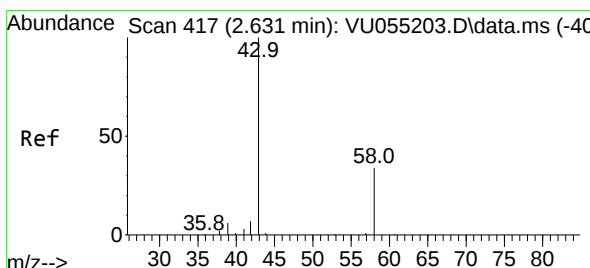
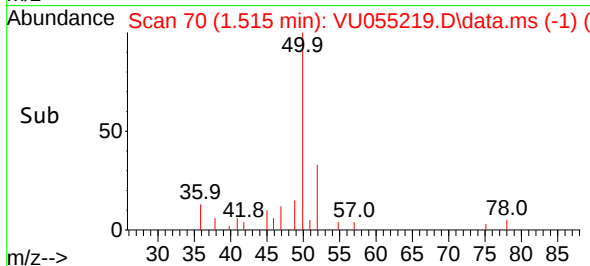
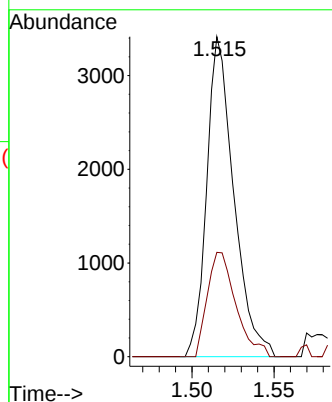
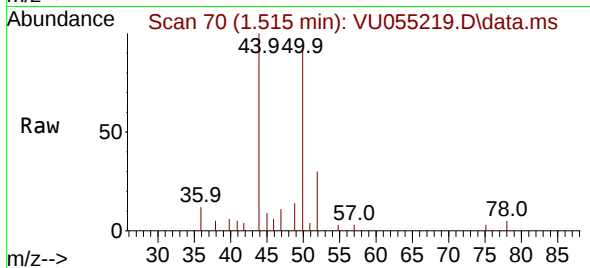
52 32.6 22.5 41.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/14/2023



#13

Acetone

Concen: 54.209 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.003 min

Lab File: VU055219.D

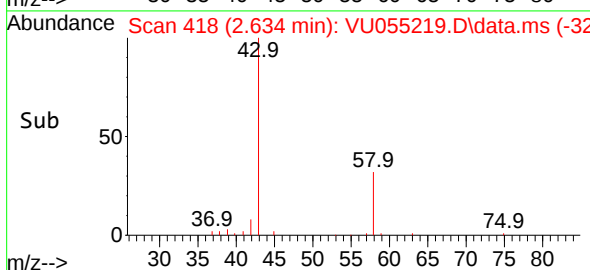
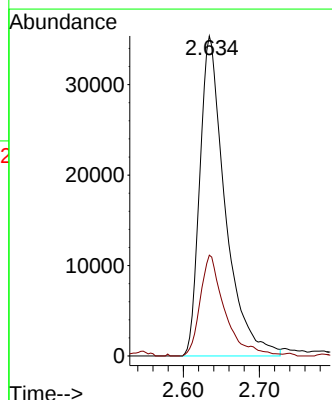
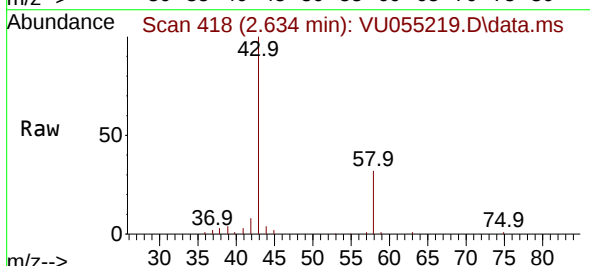
Acq: 08 Sep 2023 04:56

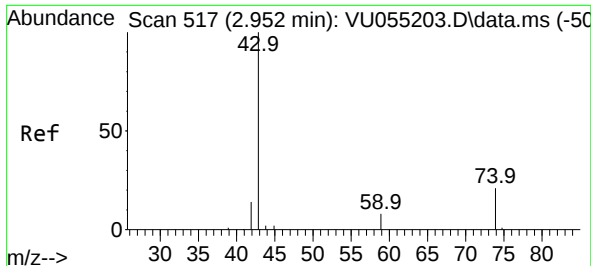
Tgt Ion: 43 Resp: 81879

Ion Ratio Lower Upper

43 100

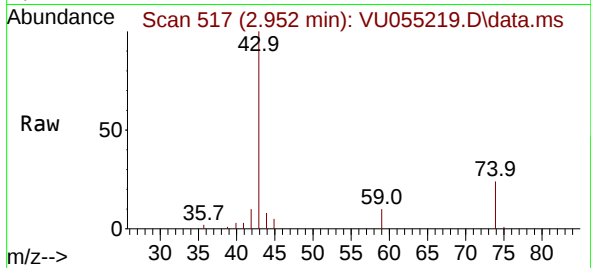
58 30.6 0.0 67.8





#15
Methyl Acetate
Concen: 7.002 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

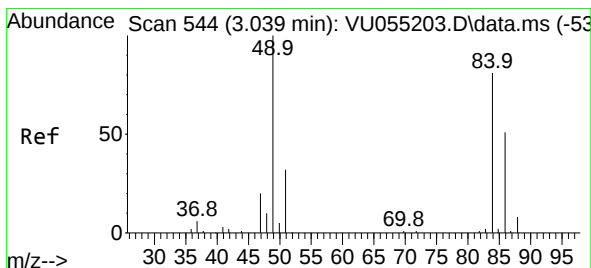
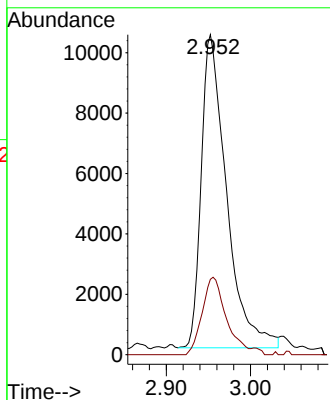
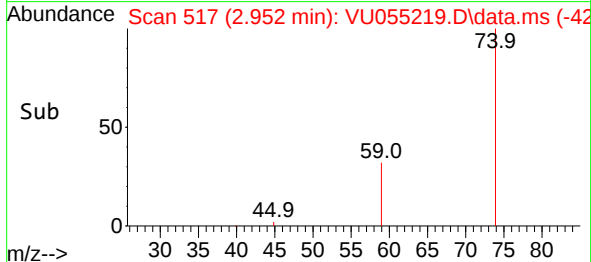
Instrument :
MSVOA_U
ClientSampleId :
BH4P7



Tgt Ion: 43 Resp: 2164
Ion Ratio Lower Upper
43 100
74 23.5 18.4 27.6

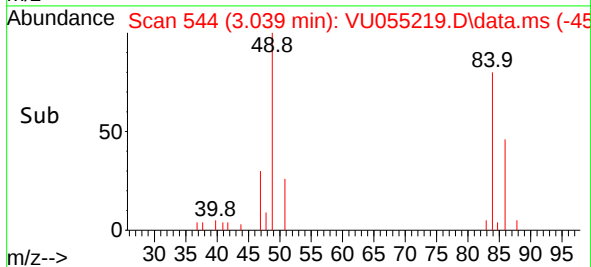
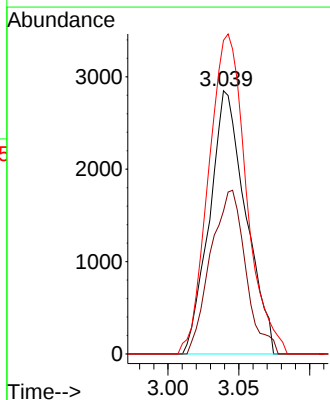
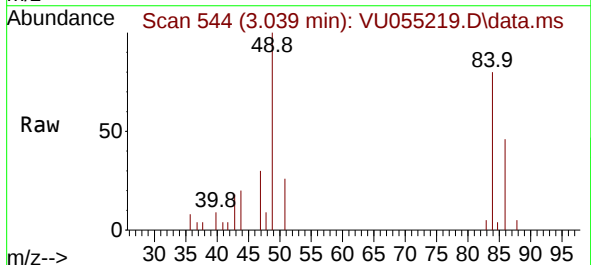
Manual Integrations
APPROVED

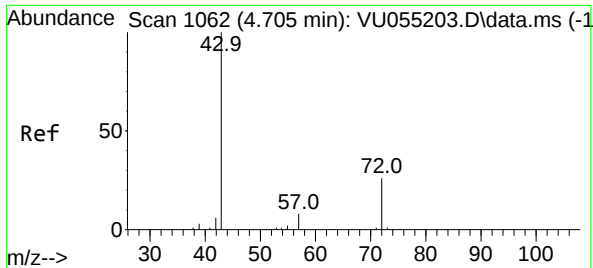
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/14/2023



#16
Methylene chloride
Concen: 0.432 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

Tgt Ion: 84 Resp: 5056
Ion Ratio Lower Upper
84 100
86 54.3 43.4 80.6
49 119.1 87.7 162.9





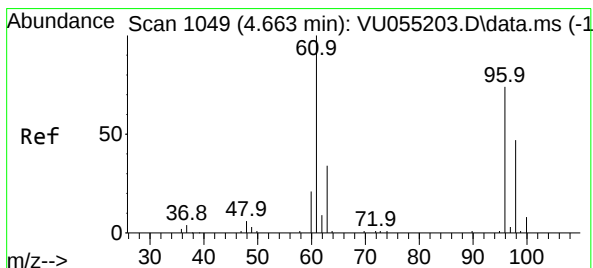
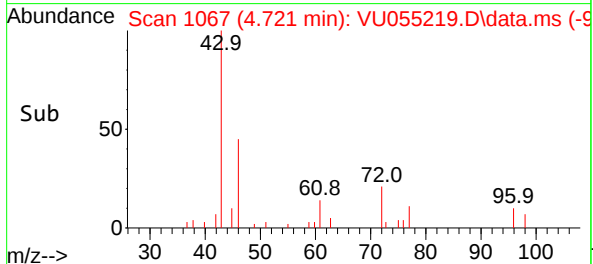
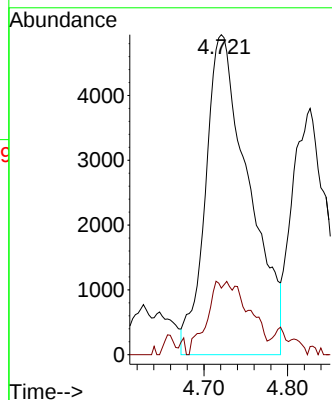
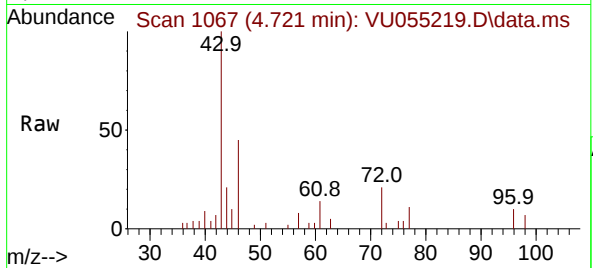
#21
2-Butanone
Concen: 8.027 ug/L m
RT: 4.721 min Scan# 1067
Delta R.T. 0.016 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

Instrument :
MSVOA_U
ClientSampleId :
BH4P7

Tgt Ion: 43 Resp: 17814
Ion Ratio Lower Upper
43 100
72 1.0 13.5 40.5

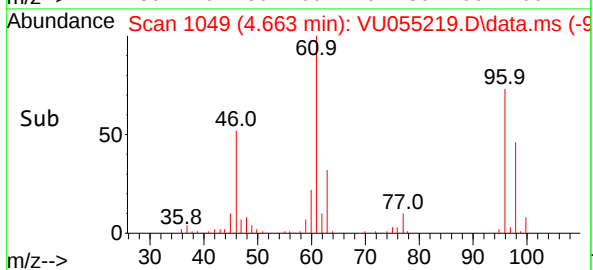
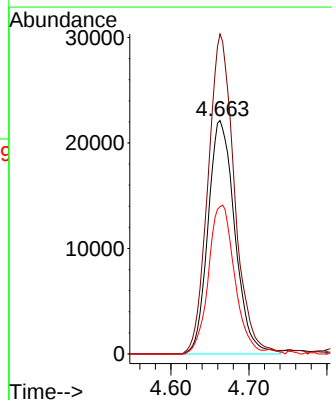
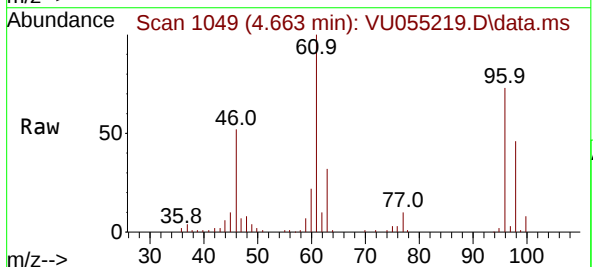
Manual Integrations
APPROVED

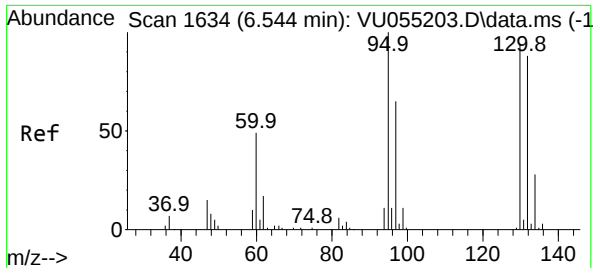
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/14/2023



#22
cis-1,2-Dichloroethene
Concen: 5.543 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

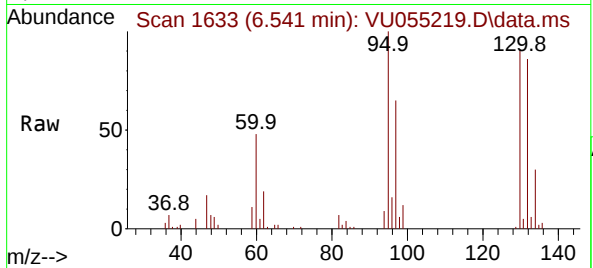
Tgt Ion: 96 Resp: 52733
Ion Ratio Lower Upper
96 100
61 137.1 97.2 180.4
98 63.1 46.1 85.7





#34
Trichloroethene
Concen: 2.635 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

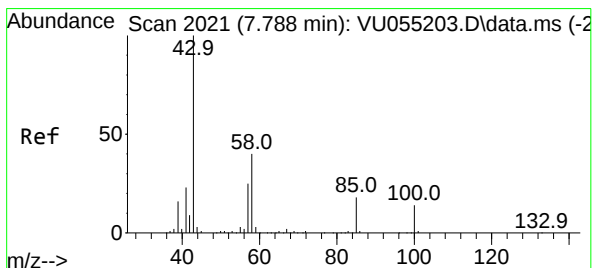
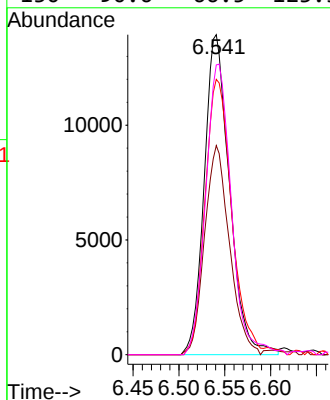
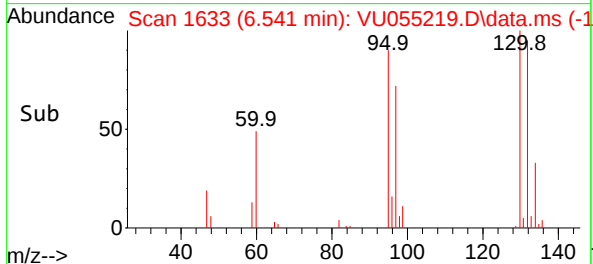
Instrument :
MSVOA_U
ClientSampleId :
BH4P7



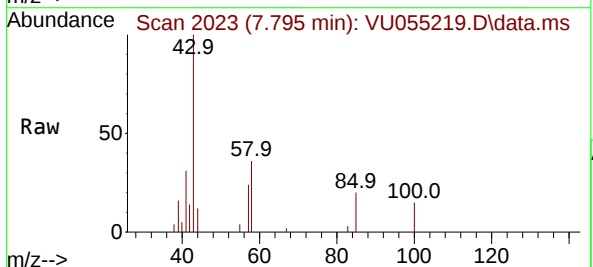
Tgt Ion: 95 Resp: 2680
Ion Ratio Lower Upper
95 100
97 65.4 44.7 83.1
132 86.0 66.6 123.6
130 90.6 66.5 123.5

Manual Integrations
APPROVED

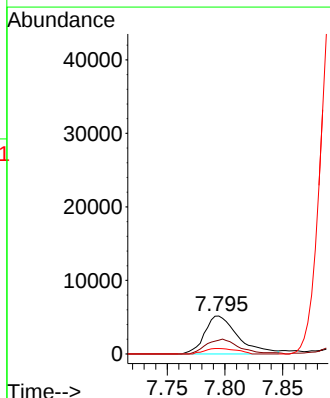
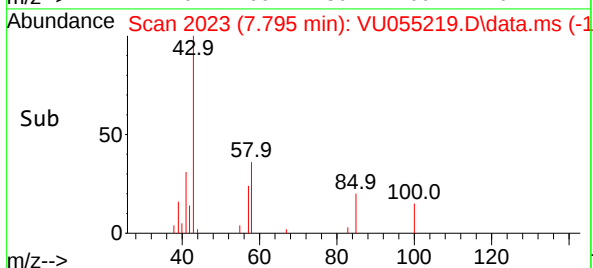
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/14/2023

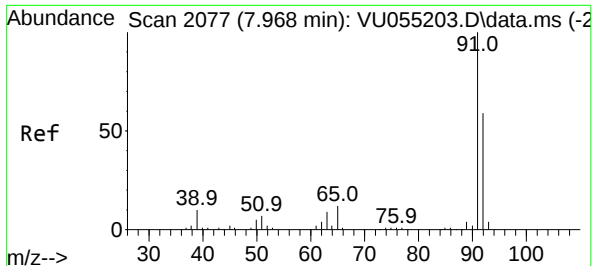


#40
4-Methyl-2-pentanone
Concen: 1.823 ug/L
RT: 7.795 min Scan# 2023
Delta R.T. 0.006 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56



Tgt Ion: 43 Resp: 10364
Ion Ratio Lower Upper
43 100
58 38.5 31.5 47.3
100 0.0 11.8 17.8#





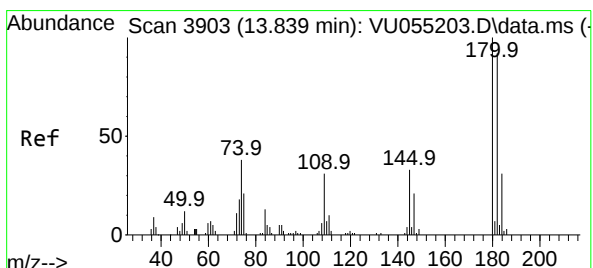
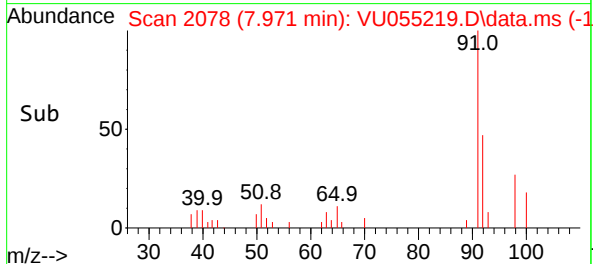
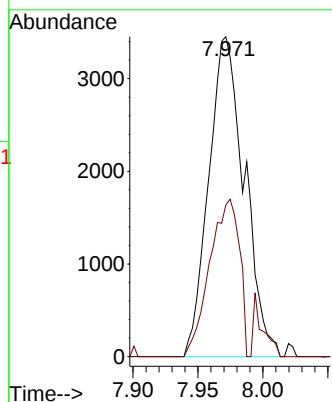
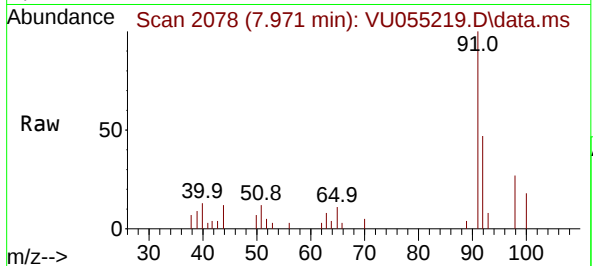
#42
Toluene
Concen: 0.169 ug/L
RT: 7.971 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

Instrument :
MSVOA_U
ClientSampleId :
BH4P7

Tgt Ion: 91 Resp: 6614
Ion Ratio Lower Upper
91 100
92 47.4 41.9 77.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/14/2023



#70
1,2,4-trichlorobenzene
Concen: 0.513 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VU055219.D
Acq: 08 Sep 2023 04:56

Tgt Ion:180 Resp: 7127
Ion Ratio Lower Upper
180 100
182 94.8 73.6 110.4
145 32.6 25.8 38.8

