

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047313.D
 Acq On : 03 Mar 2022 14:24
 Operator : SY/MD
 Sample : N1773-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY11

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

Quant Time: Mar 04 01:55:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	147836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	45000	3.714	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.200%	
7) Chloroethane-d5	1.919	69	37749	3.931	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.600%	
11) 1,1-Dichloroethene-d2	2.571	65	19534	3.898	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	4.649	46	152150	52.540	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.080%	
24) Chloroform-d	5.070	84	86331	4.290	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.706	65	47267	4.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
32) Benzene-d6	5.732	84	174199	4.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.693	67	56143	4.271	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.899	98	163643	4.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.000%	
43) trans-1,3-Dichloroprop...	8.182	79	24284	4.076	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.636	63	131257	41.839	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.680%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	52662	4.408	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	72651	4.409	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.200%	
Target Compounds						Qvalue
13) Acetone	2.694	43	18144m	12.515	ug/L	
17) Methyl tert-butyl Ether	3.369	73	36808	1.427	ug/L #	57
19) 1,1-Dichloroethane	3.874	63	2477	0.139	ug/L	94
21) 2-Butanone	4.735	43	8275	3.039	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	15680	1.412	ug/L	94
30) Cyclohexane	5.398	56	2315	0.133	ug/L #	81
33) Benzene	5.777	78	48177	1.147	ug/L	100
34) Trichloroethene	6.546	95	70021	6.249	ug/L	95
47) Tetrachloroethene	8.555	164	328563	36.135	ug/L	92
53) m,p-Xylene	9.693	106	1967	0.098	ug/L	93
60) Isopropylbenzene	10.484	105	11541	0.214	ug/L	98

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

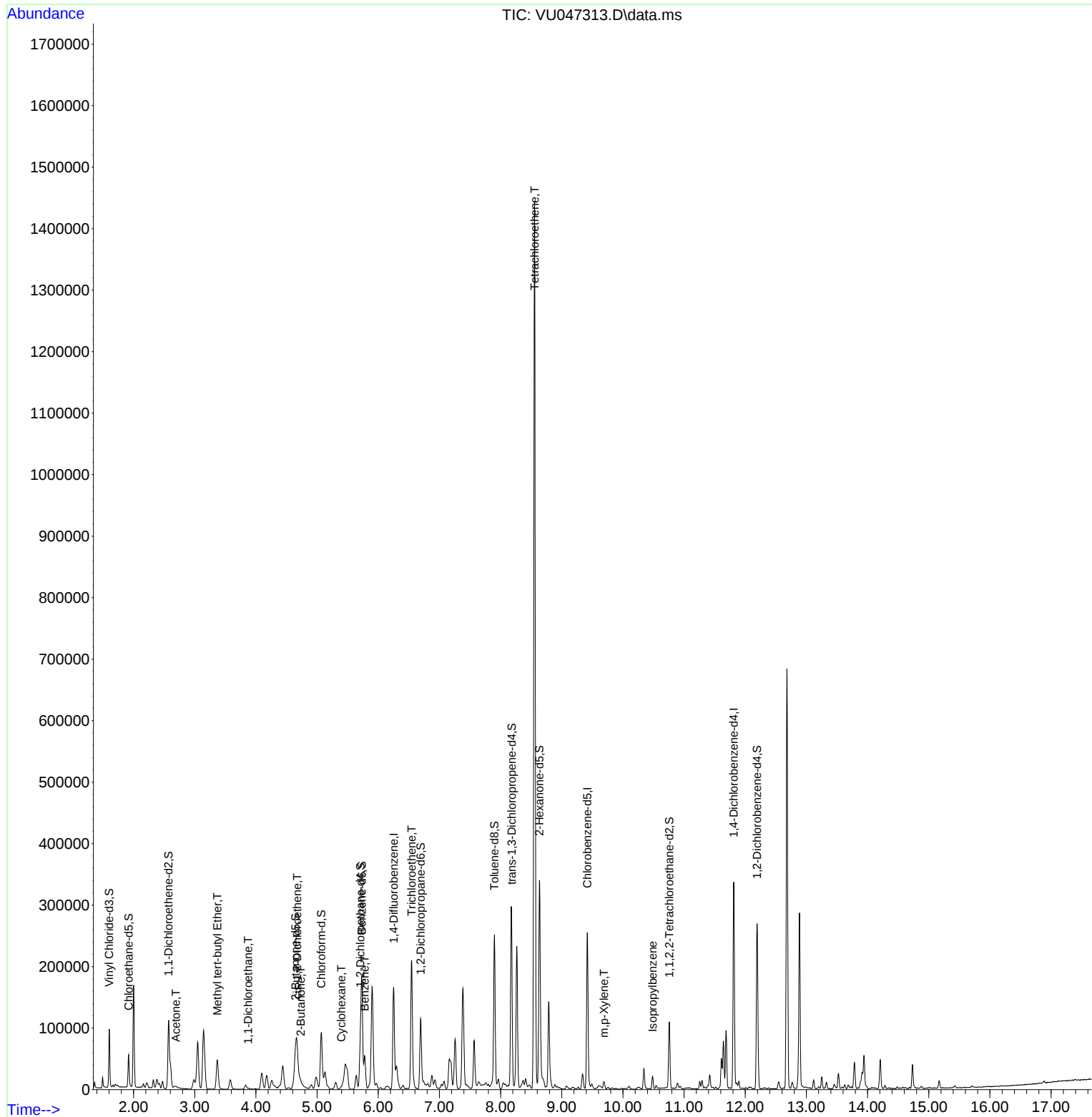
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047313.D
Acq On : 03 Mar 2022 14:24
Operator : SY/MD
Sample : N1773-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

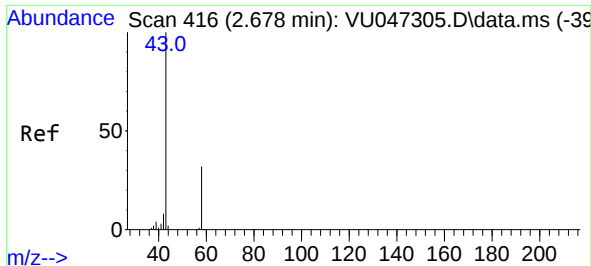
Instrument :
MSVOA_U
ClientSampleId :
BFY11

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/04/2022
Supervised By : Mahesh Dadoda 03/04/2022

Quant Time: Mar 04 01:55:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 04 01:50:04 2022
Response via : Initial Calibration





#13

Acetone

Concen: 12.515 ug/L m

RT: 2.694 min Scan# 416

Delta R.T. 0.016 min

Lab File: VU047313.D

Acq: 03 Mar 2022 14:24

Instrument :

MSVOA_U

ClientSampleId :

BFY11

Tgt Ion: 43 Resp: 1814

Ion Ratio Lower Upper

43 100

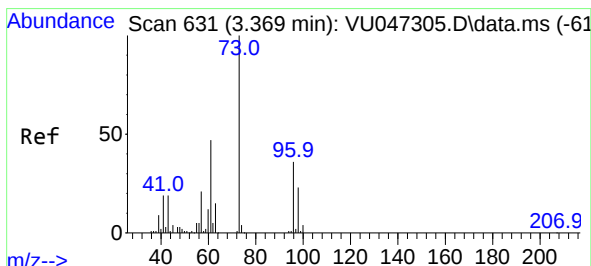
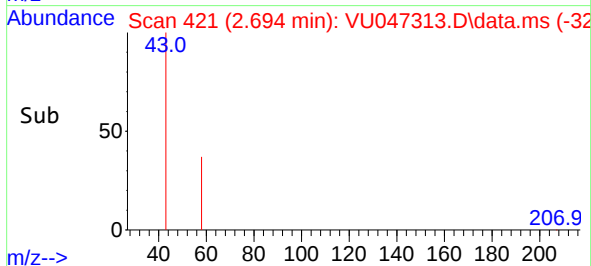
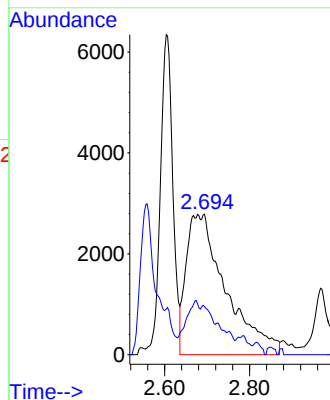
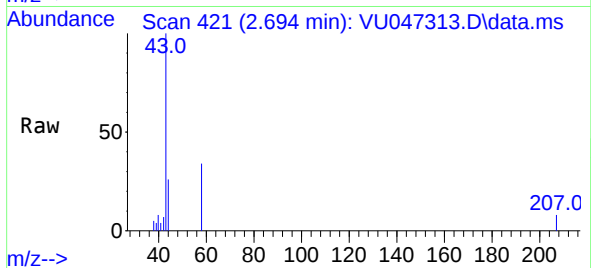
58 7.9 0.0 71.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#17

Methyl tert-butyl Ether

Concen: 1.427 ug/L

RT: 3.369 min Scan# 631

Delta R.T. -0.000 min

Lab File: VU047313.D

Acq: 03 Mar 2022 14:24

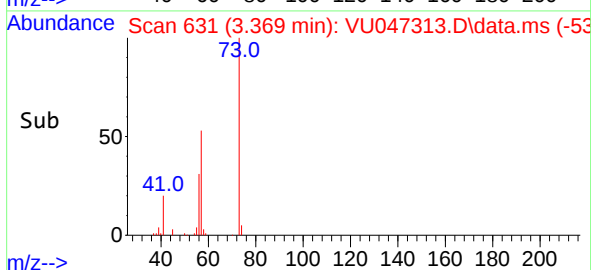
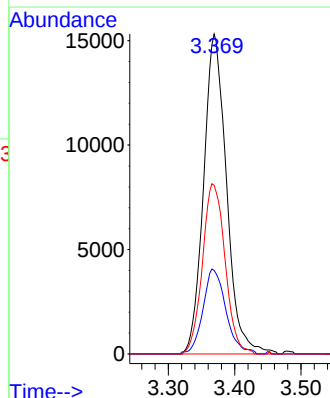
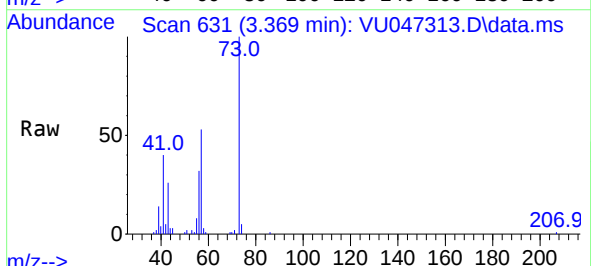
Tgt Ion: 73 Resp: 36808

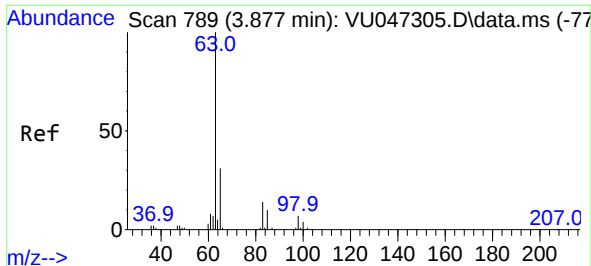
Ion Ratio Lower Upper

73 100

43 26.5 14.8 22.2#

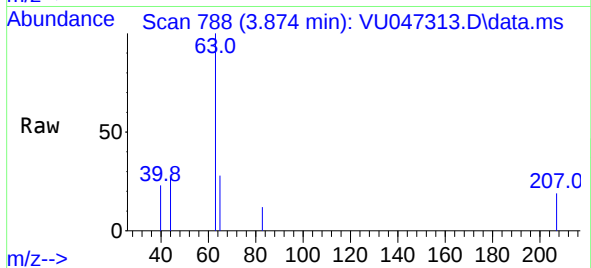
57 52.5 17.4 26.0#





#19
1,1-Dichloroethane
Concen: 0.139 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU047313.D
Acq: 03 Mar 2022 14:24

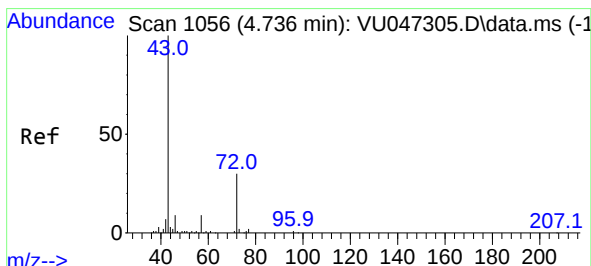
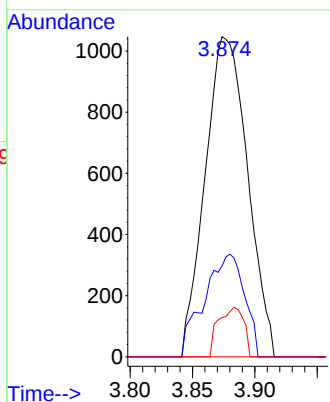
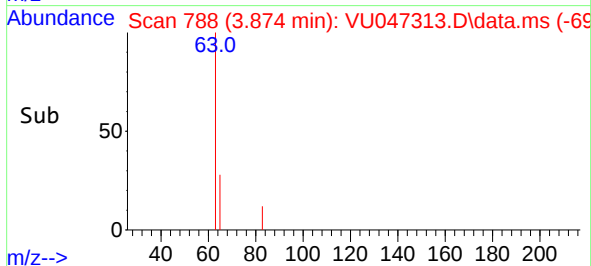
Instrument :
MSVOA_U
ClientSampleId :
BFY11



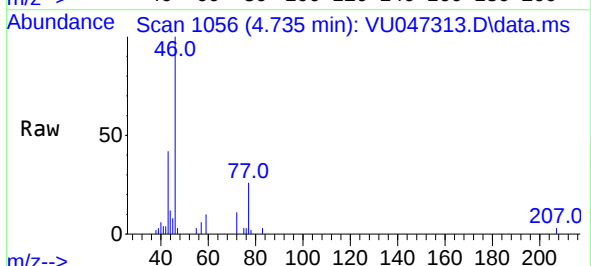
Tgt Ion: 63 Resp: 247
Ion Ratio Lower Upper
63 100
65 28.4 22.3 41.5
83 12.2 9.6 17.8

Manual Integrations
APPROVED

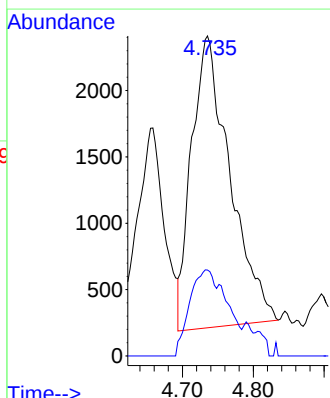
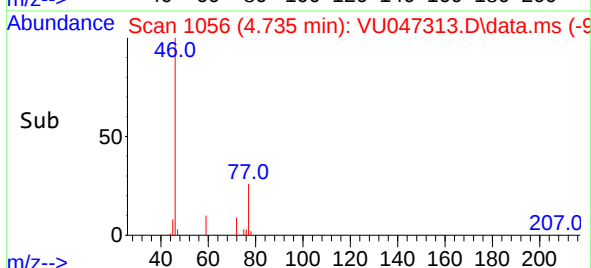
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

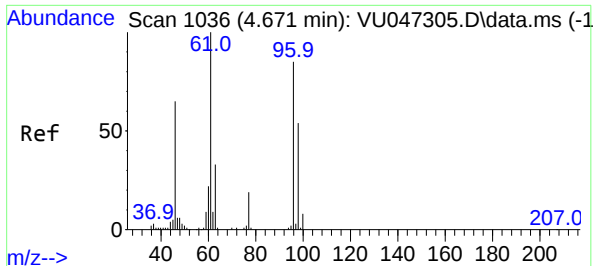


#21
2-Butanone
Concen: 3.039 ug/L
RT: 4.735 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VU047313.D
Acq: 03 Mar 2022 14:24



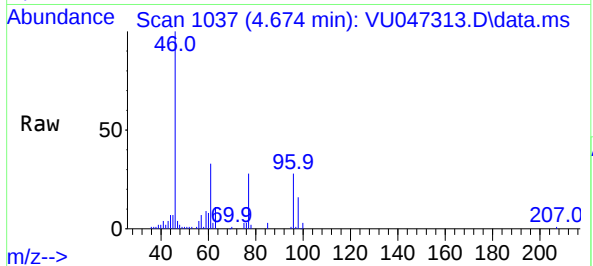
Tgt Ion: 43 Resp: 8275
Ion Ratio Lower Upper
43 100
72 28.8 14.1 42.3





#22
 cis-1,2-Dichloroethene
 Concen: 1.412 ug/L
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU047313.D
 Acq: 03 Mar 2022 14:24

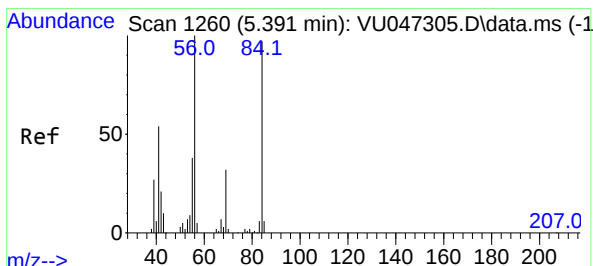
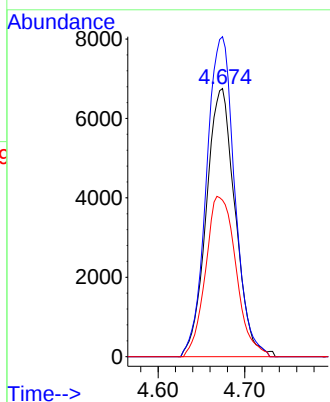
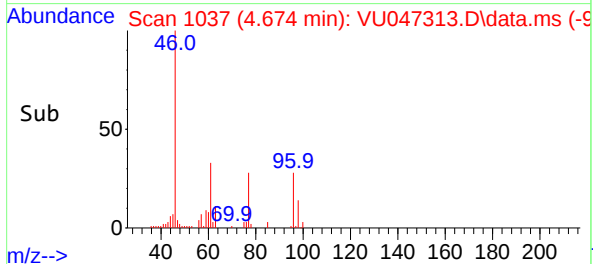
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY11



Tgt Ion: 96 Resp: 15680
 Ion Ratio Lower Upper
 96 100
 61 119.3 88.5 164.3
 98 58.4 44.4 82.5

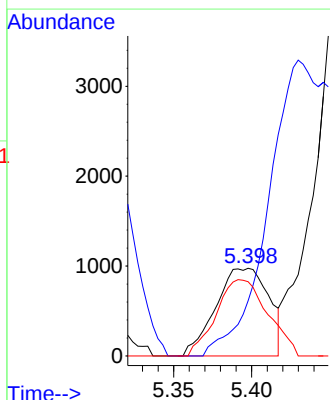
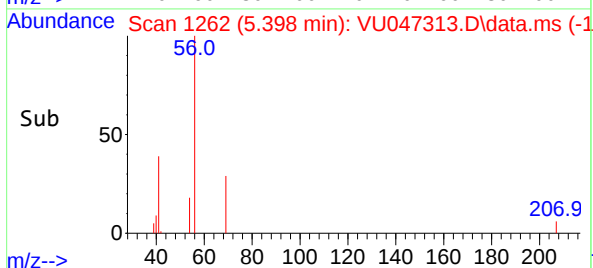
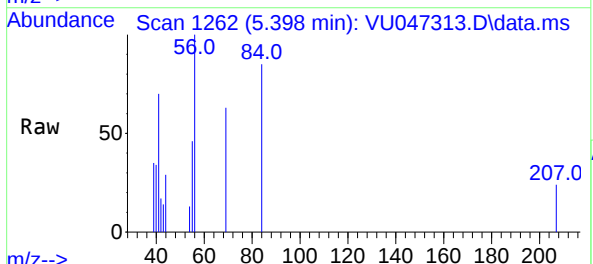
Manual Integrations
 APPROVED

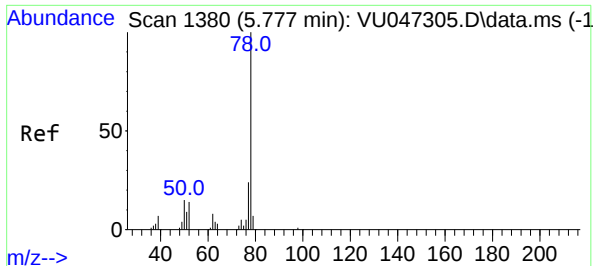
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022



#30
 Cyclohexane
 Concen: 0.133 ug/L
 RT: 5.398 min Scan# 1262
 Delta R.T. 0.006 min
 Lab File: VU047313.D
 Acq: 03 Mar 2022 14:24

Tgt Ion: 56 Resp: 2315
 Ion Ratio Lower Upper
 56 100
 69 0.0 24.7 37.1#
 84 84.3 71.8 107.6





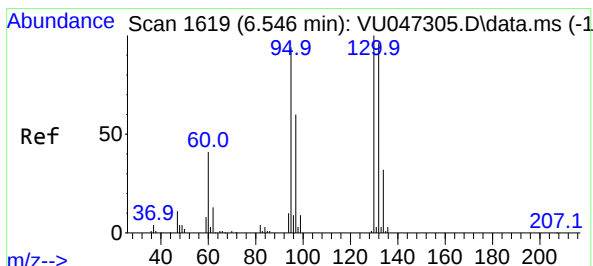
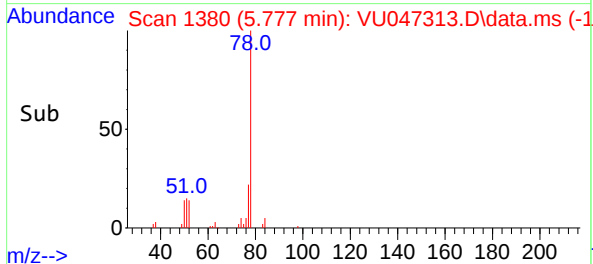
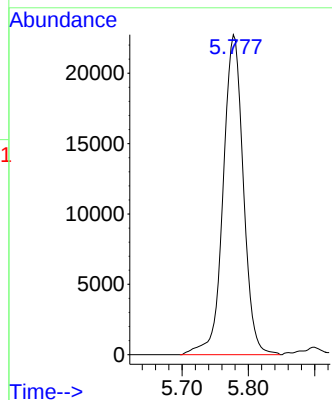
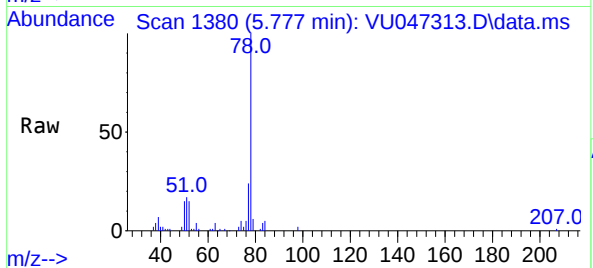
#33
Benzene
Concen: 1.147 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047313.D
Acq: 03 Mar 2022 14:24

Instrument :
MSVOA_U
ClientSampleId :
BFY11

Tgt Ion: 78 Resp: 4817

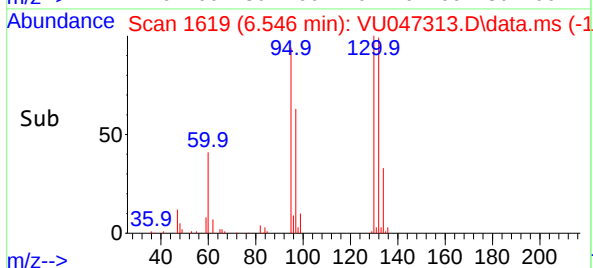
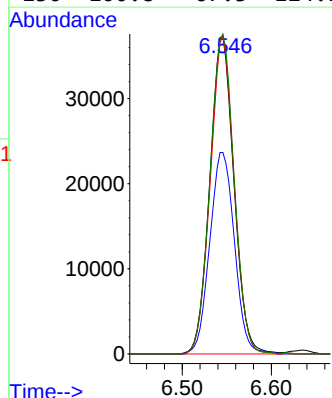
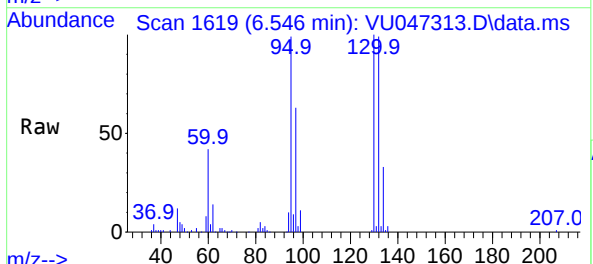
Manual Integrations
APPROVED

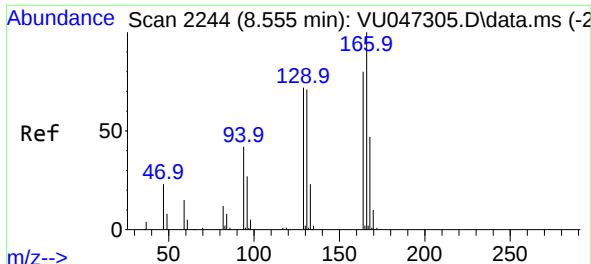
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#34
Trichloroethene
Concen: 6.249 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047313.D
Acq: 03 Mar 2022 14:24

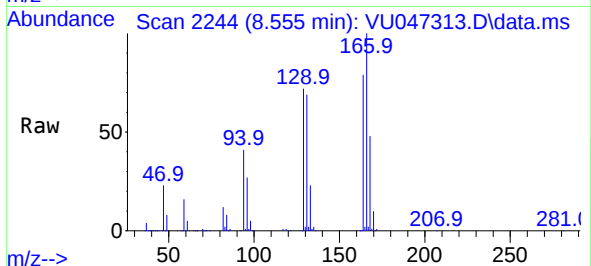
Tgt Ion: 95 Resp: 70021
Ion Ratio Lower Upper
95 100
97 63.4 46.5 86.5
132 100.0 65.1 120.9
130 100.8 67.3 124.9





#47
Tetrachloroethene
Concen: 36.135 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047313.D
Acq: 03 Mar 2022 14:24

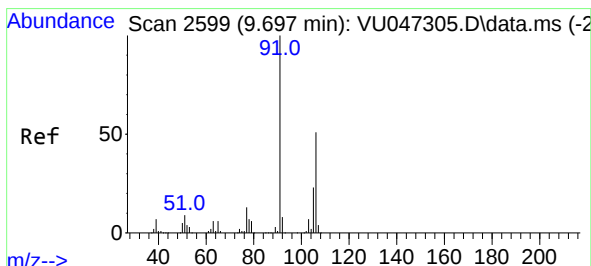
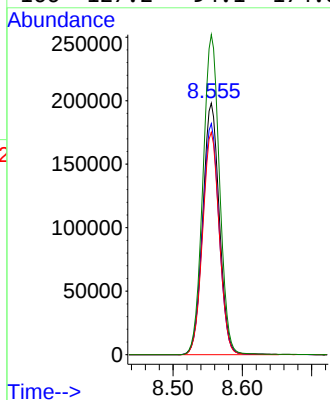
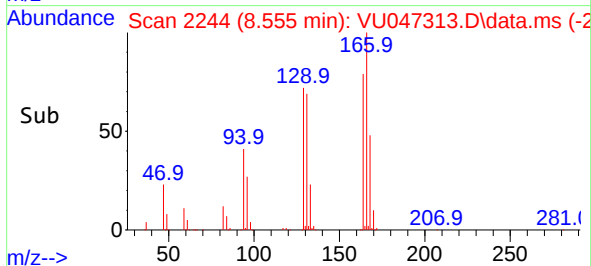
Instrument :
MSVOA_U
ClientSampleId :
BFY11



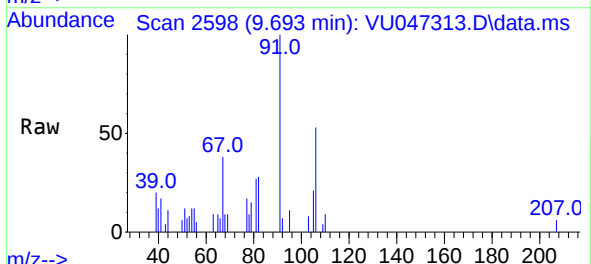
Tgt Ion:164 Resp: 32856
Ion Ratio Lower Upper
164 100
129 91.9 71.8 133.4
131 88.4 68.5 127.3
166 127.2 94.1 174.8

Manual Integrations
APPROVED

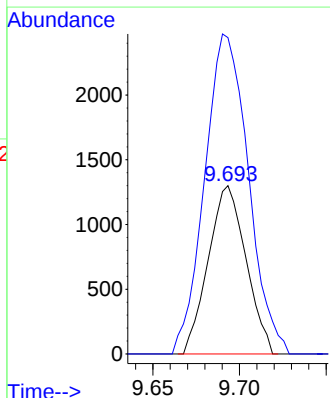
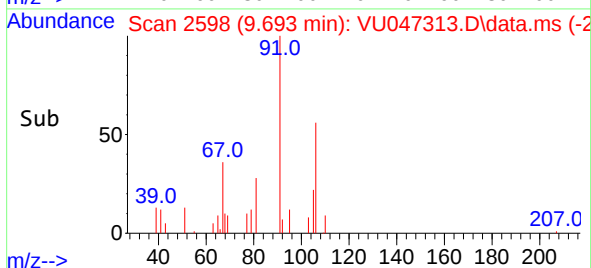
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

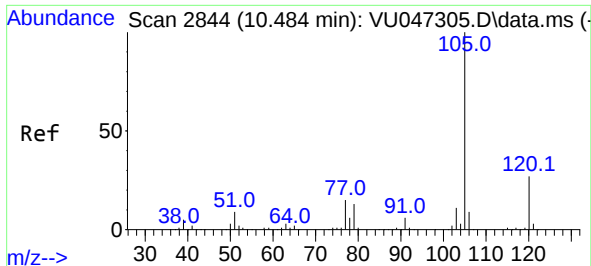


#53
m,p-Xylene
Concen: 0.098 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047313.D
Acq: 03 Mar 2022 14:24



Tgt Ion:106 Resp: 1967
Ion Ratio Lower Upper
106 100
91 187.9 139.4 259.0





#60
Isopropylbenzene
Concen: 0.214 ug/L
RT: 10.484 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VU047313.D
Acq: 03 Mar 2022 14:24

Instrument :
MSVOA_U
ClientSampleId :
BFY11

Tgt Ion:105 Resp: 1154
Ion Ratio Lower Upper
105 100
120 27.2 20.7 31.1
77 16.1 12.6 19.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

