

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049585.D
 Acq On : 01 Jul 2022 16:31
 Operator : SY/MD
 Sample : N3569-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-20

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/05/2022
 Supervised By :Mahesh Dadoda 07/05/2022

Quant Time: Jul 04 06:46:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	208916	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	359826	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	327007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	145531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	151110	46.966	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.940%		
35) Dibromofluoromethane	5.288	113	118164	46.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	7.899	98	435961	48.553	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.100%		
62) 4-Bromofluorobenzene	10.632	95	152212	44.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.500%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.601	62	2006	0.594	ug/l	95
16) Acetone	2.626	43	6792	4.186	ug/l	96
27) cis-1,2-Dichloroethene	4.668	96	5210	1.843	ug/l	97
44) Trichloroethene	6.546	130	1336	0.510	ug/l	82
64) Tetrachloroethene	8.552	164	1739	0.829	ug/l	95
73) Isopropylbenzene	10.484	105	8677	0.837	ug/l	99
85) sec-Butylbenzene	11.645	105	10884	0.972	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	6513m	1.339	ug/l	
89) n-Butylbenzene	12.211	91	3893	0.465	ug/l #	77
95) Naphthalene	14.092	128	7200	2.346	ug/l #	92

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

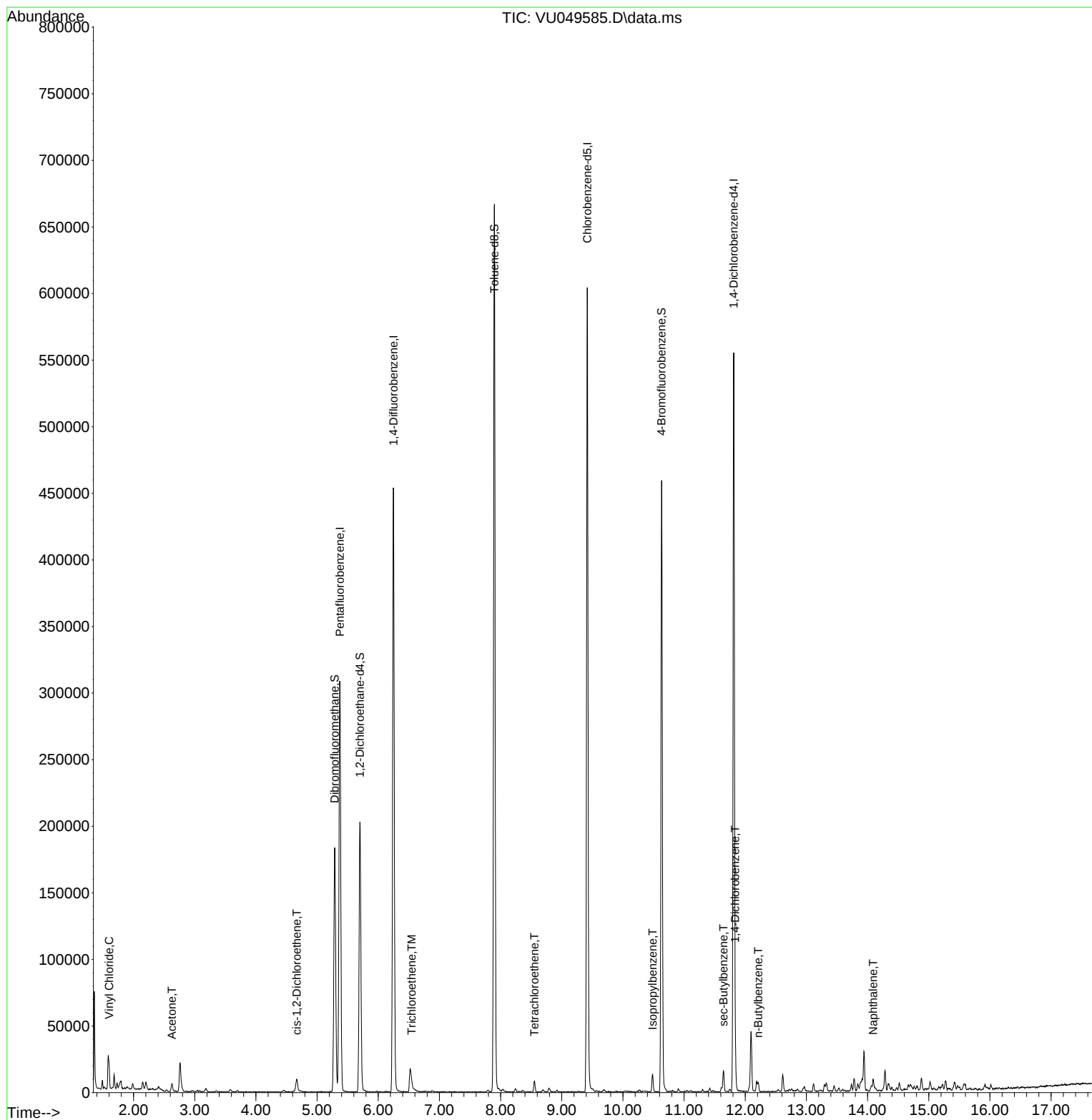
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
Data File : VU049585.D
Acq On : 01 Jul 2022 16:31
Operator : SY/MD
Sample : N3569-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

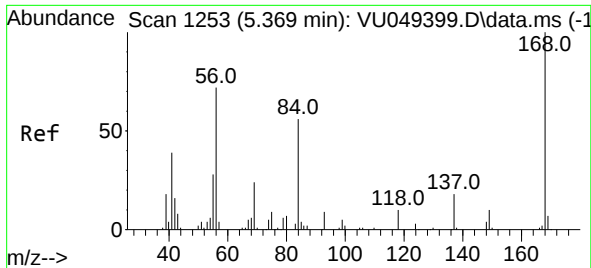
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-20

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022

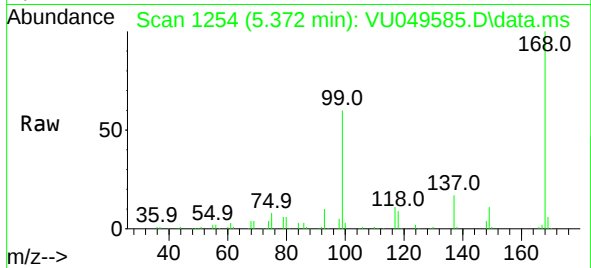
Quant Time: Jul 04 06:46:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 28 10:35:43 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. 0.003 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

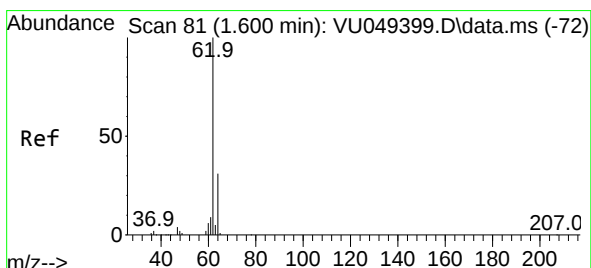
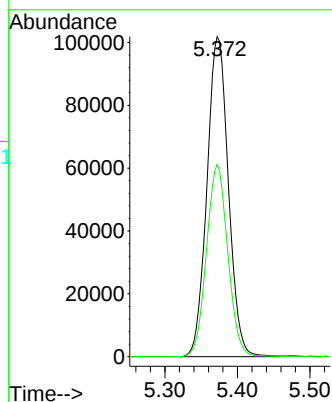
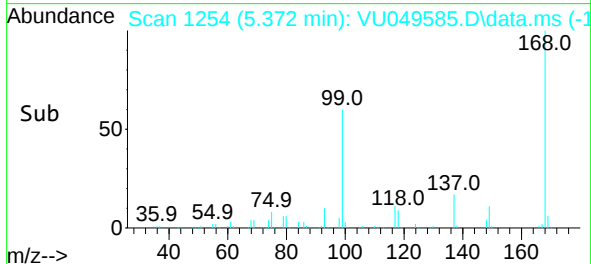
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-20



Tgt Ion:168 Resp: 208910
Ion Ratio Lower Upper
168 100
99 60.1 39.3 58.9

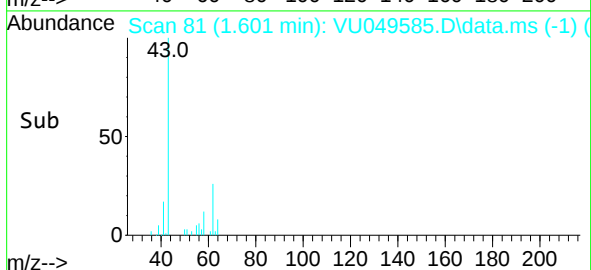
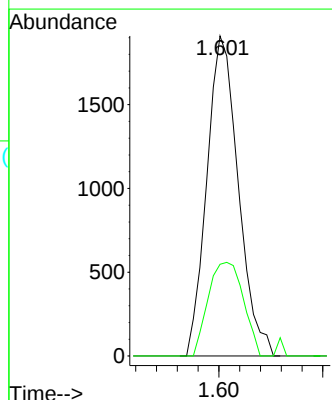
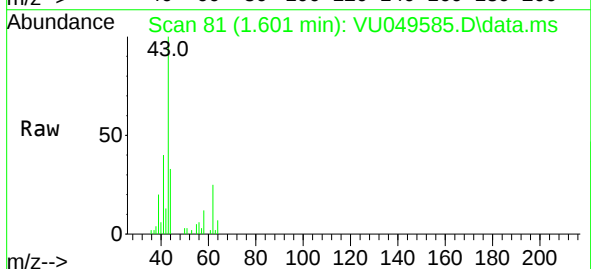
Manual Integrations
APPROVED

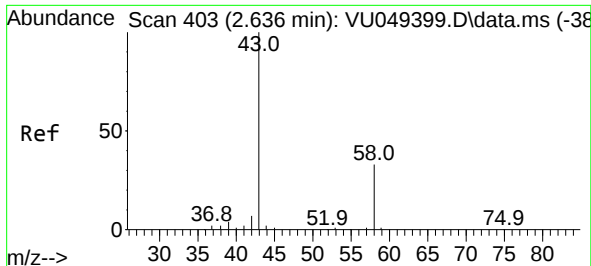
Reviewed By :Krupa Patel 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022



#4
Vinyl Chloride
Concen: 0.594 ug/l
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

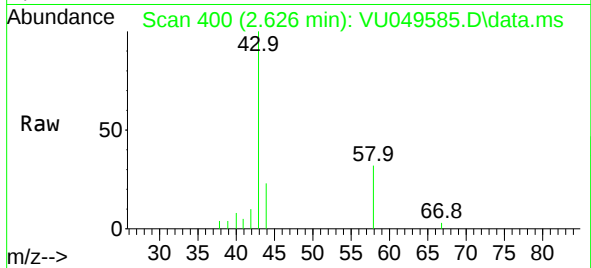
Tgt Ion: 62 Resp: 2006
Ion Ratio Lower Upper
62 100
64 28.6 25.3 37.9





#16
Acetone
Concen: 4.186 ug/l
RT: 2.626 min Scan# 403
Delta R.T. -0.010 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

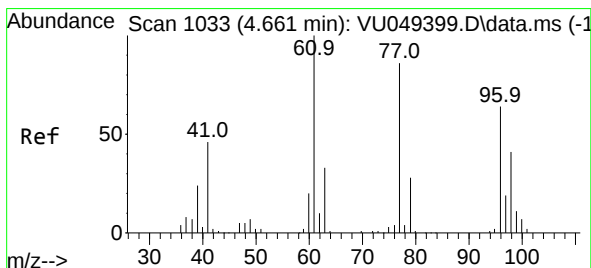
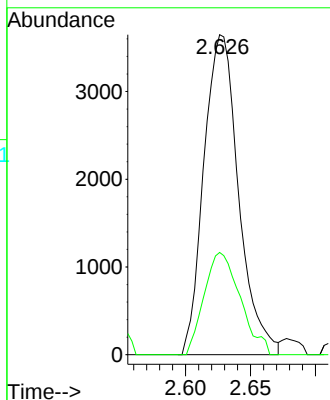
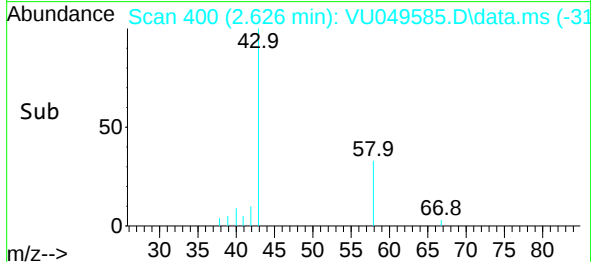
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-20



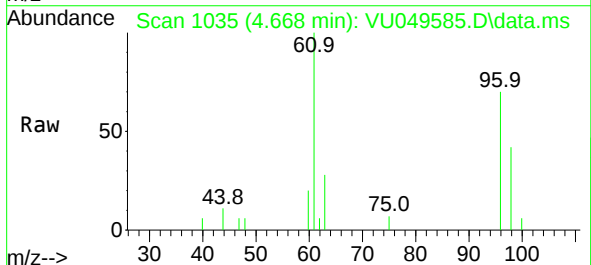
Tgt Ion: 43 Resp: 6792
Ion Ratio Lower Upper
43 100
58 32.0 27.5 41.3

Manual Integrations
APPROVED

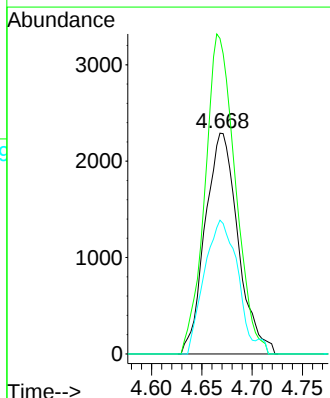
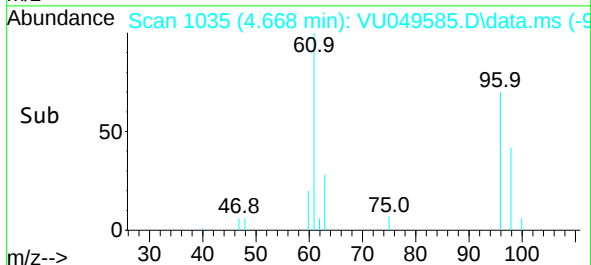
Reviewed By :Krupa Patel 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022

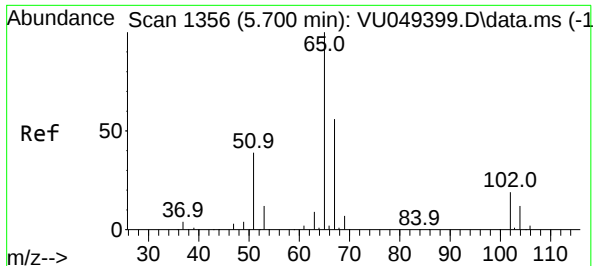


#27
cis-1,2-Dichloroethene
Concen: 1.843 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31



Tgt Ion: 96 Resp: 5210
Ion Ratio Lower Upper
96 100
61 133.3 0.0 271.6
98 60.8 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 46.966 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049585.D

Acq: 01 Jul 2022 16:31

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-09-20

Tgt Ion: 65 Resp: 151110

Ion Ratio Lower Upper

65 100

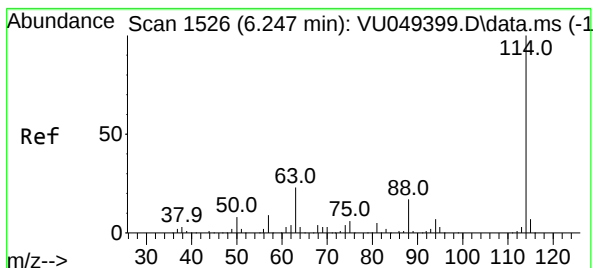
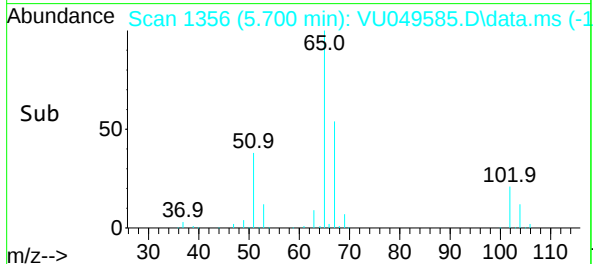
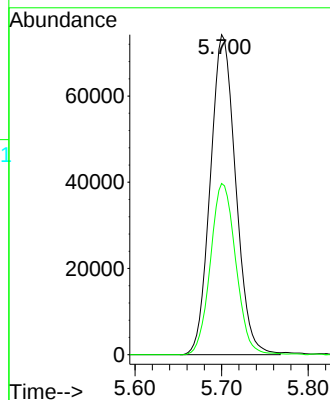
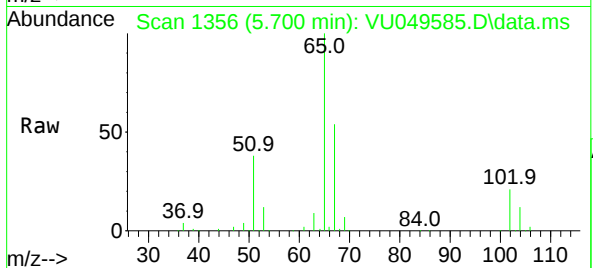
67 53.4 0.0 108.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/05/2022

Supervised By :Mahesh Dadoda 07/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049585.D

Acq: 01 Jul 2022 16:31

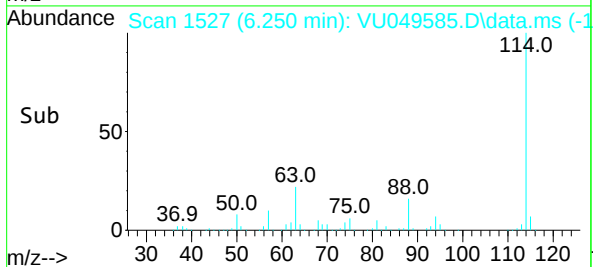
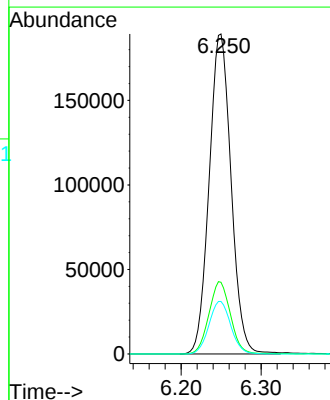
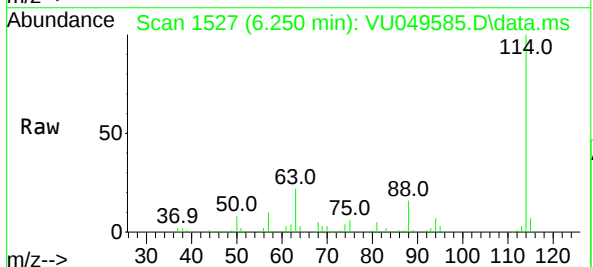
Tgt Ion:114 Resp: 359826

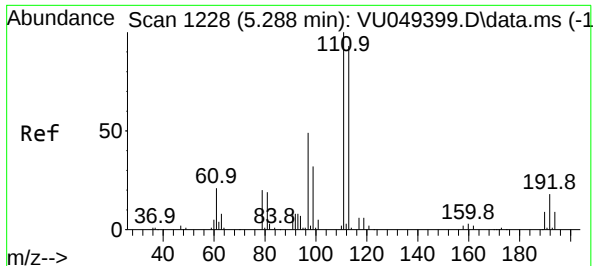
Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.8

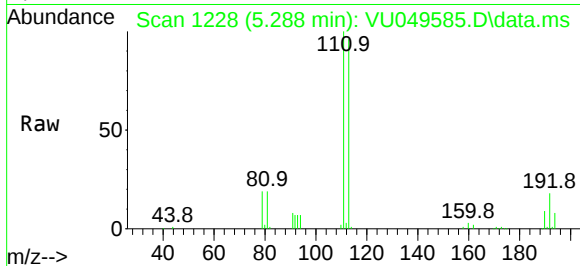
88 16.4 0.0 29.2





#35
Dibromofluoromethane
Concen: 46.938 ug/l
RT: 5.288 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

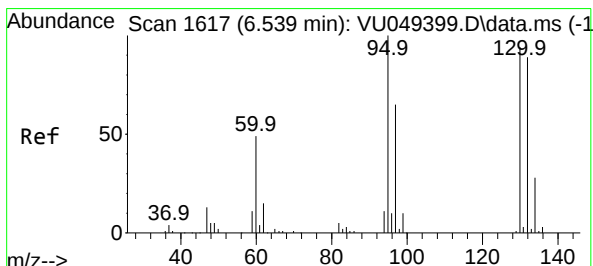
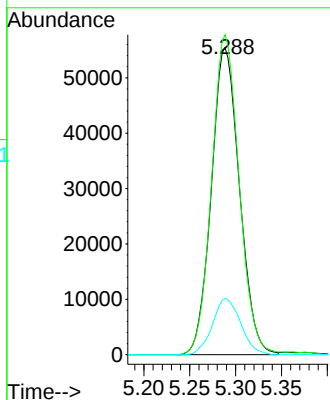
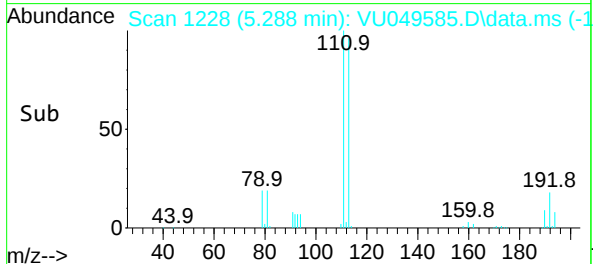
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-20



Tgt Ion:113 Resp: 118164
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 18.4 18.0 27.0

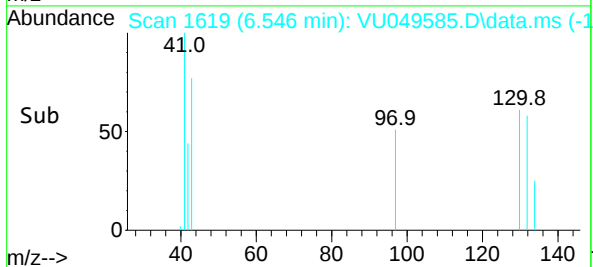
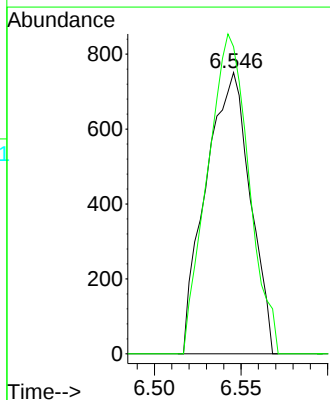
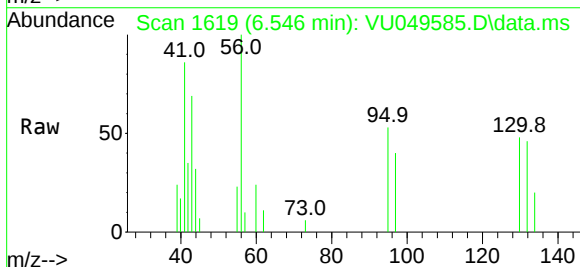
Manual Integrations
APPROVED

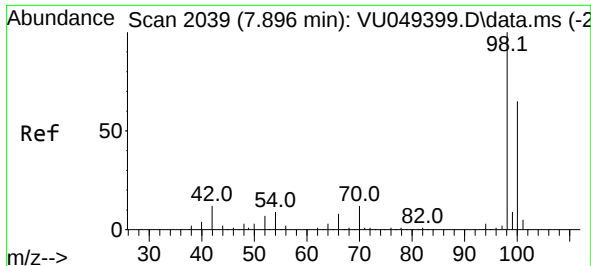
Reviewed By :Krupa Patel 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022



#44
Trichloroethene
Concen: 0.510 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.007 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

Tgt Ion:130 Resp: 1336
Ion Ratio Lower Upper
130 100
95 109.2 0.0 184.6





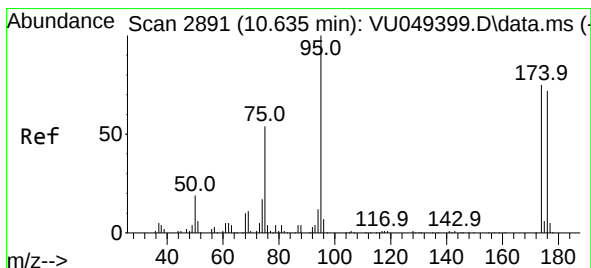
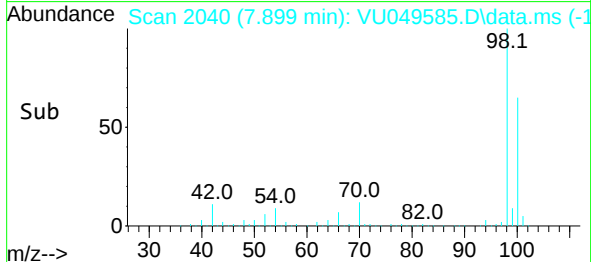
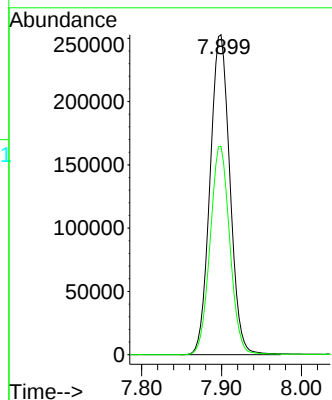
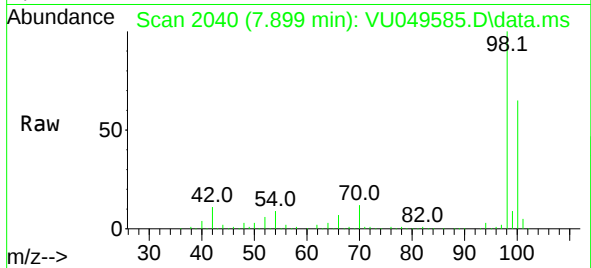
#50
Toluene-d8
Concen: 48.553 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-20

Tgt Ion: 98 Resp: 43596
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

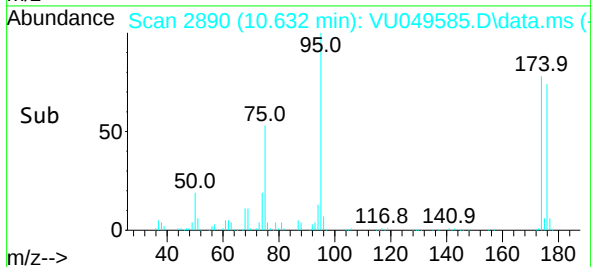
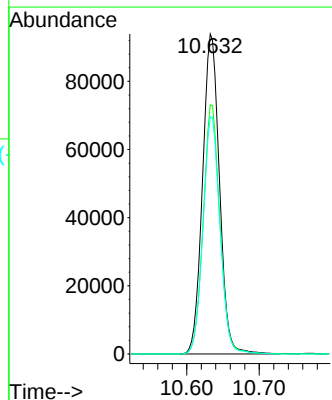
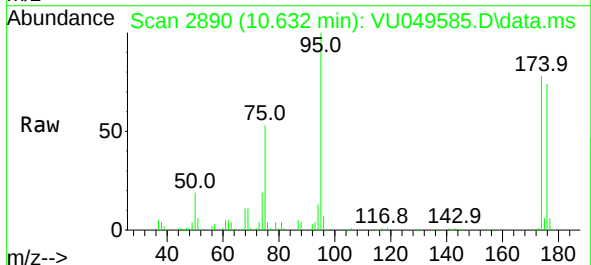
Manual Integrations
APPROVED

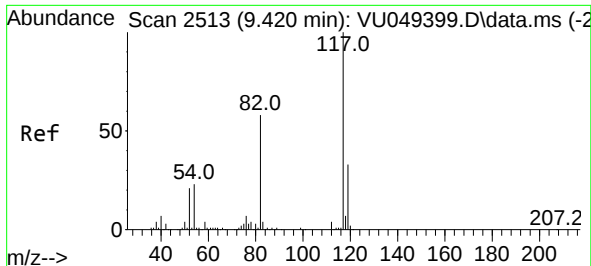
Reviewed By :Krupa Patel 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022



#62
4-Bromofluorobenzene
Concen: 44.253 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

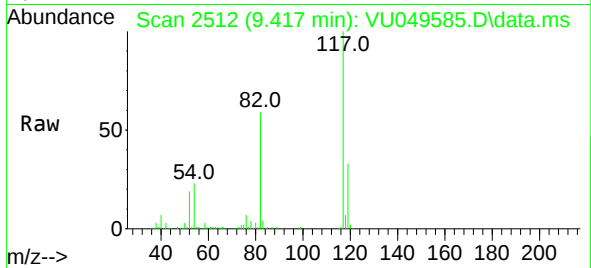
Tgt Ion: 95 Resp: 152212
Ion Ratio Lower Upper
95 100
174 76.9 0.0 182.0
176 74.2 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

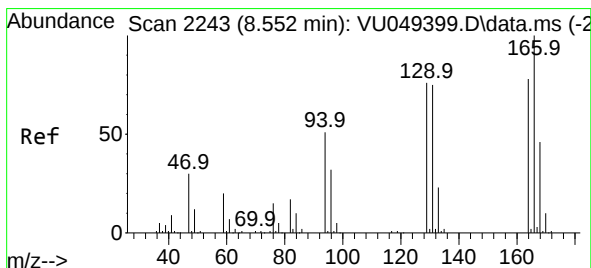
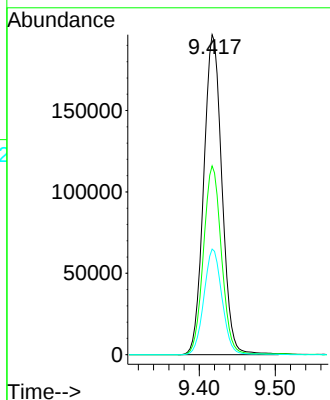
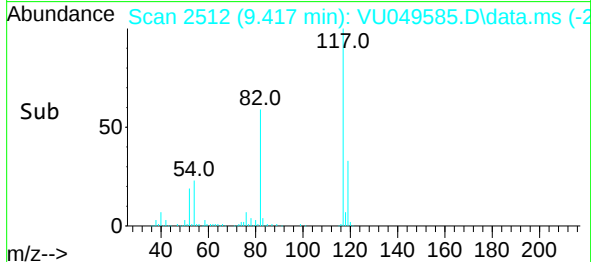
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-20



Tgt Ion:117 Resp: 32700
Ion Ratio Lower Upper
117 100
82 59.0 41.7 62.5
119 33.0 25.7 38.5

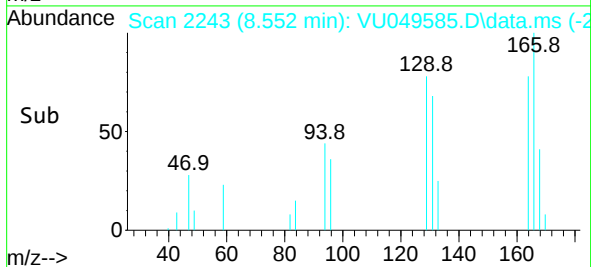
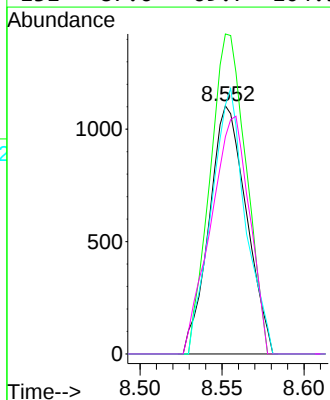
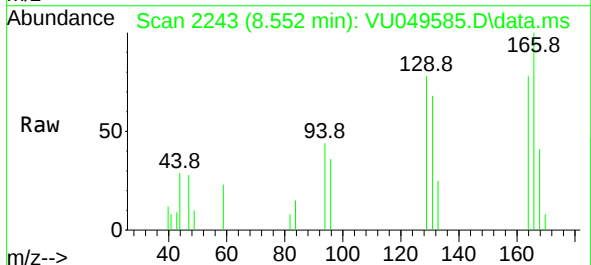
Manual Integrations
APPROVED

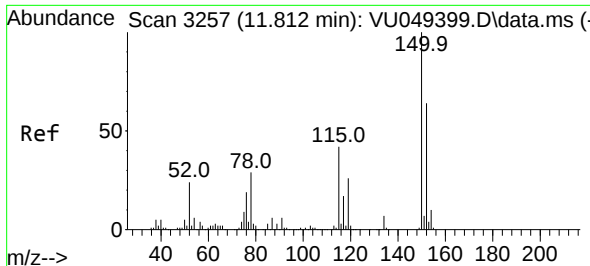
Reviewed By :Krupa Patel 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022



#64
Tetrachloroethene
Concen: 0.829 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

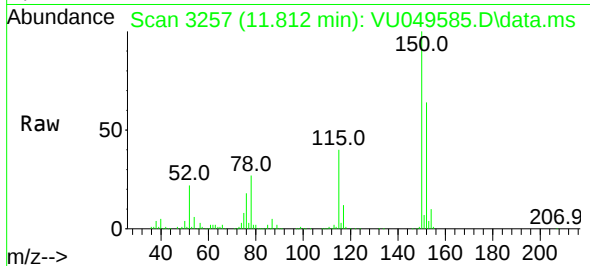
Tgt Ion:164 Resp: 1739
Ion Ratio Lower Upper
164 100
166 129.0 100.0 150.0
129 100.4 72.0 108.0
131 87.6 69.7 104.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

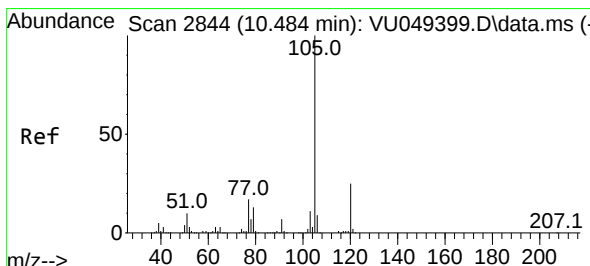
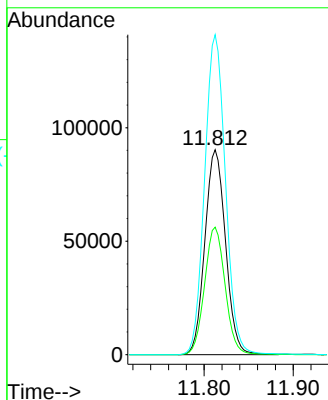
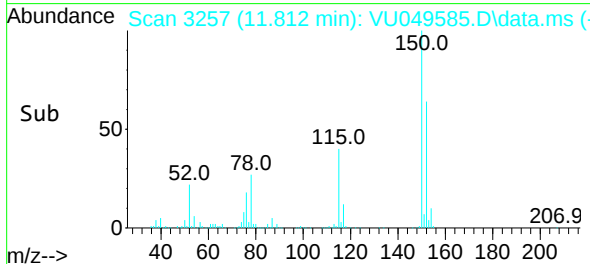
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-20



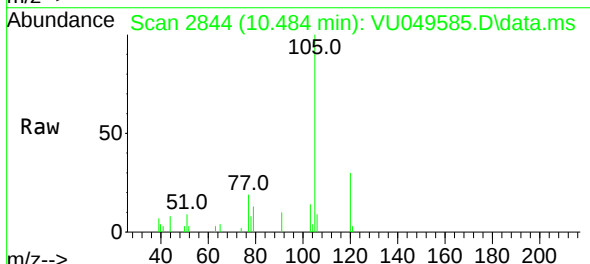
Tgt Ion:152 Resp: 14553
Ion Ratio Lower Upper
152 100
115 62.0 37.0 110.9
150 157.5 0.0 342.2

Manual Integrations
APPROVED

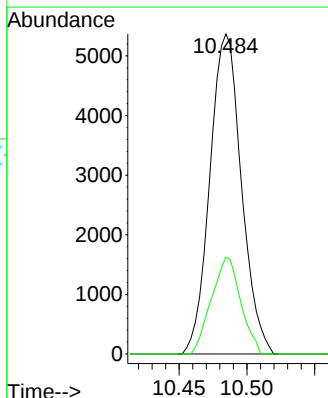
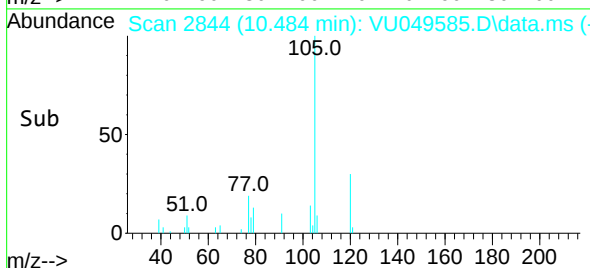
Reviewed By :Krupa Patel 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022

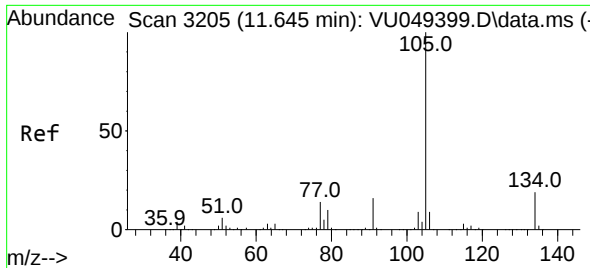


#73
Isopropylbenzene
Concen: 0.837 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31



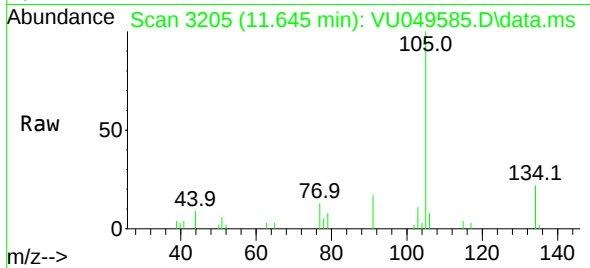
Tgt Ion:105 Resp: 8677
Ion Ratio Lower Upper
105 100
120 28.0 13.8 41.4





#85
 sec-Butylbenzene
 Concen: 0.972 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049585.D
 Acq: 01 Jul 2022 16:31

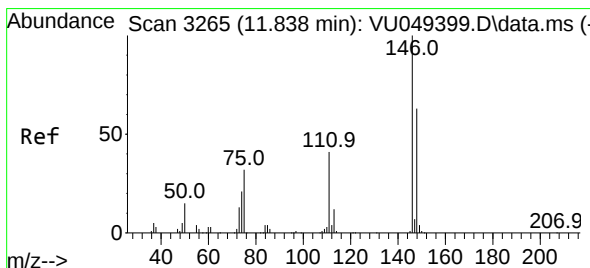
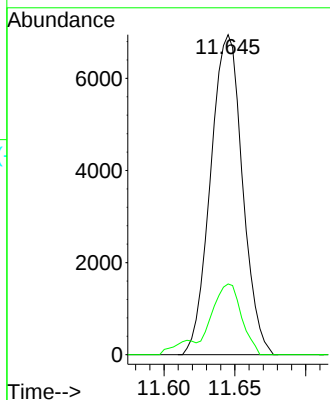
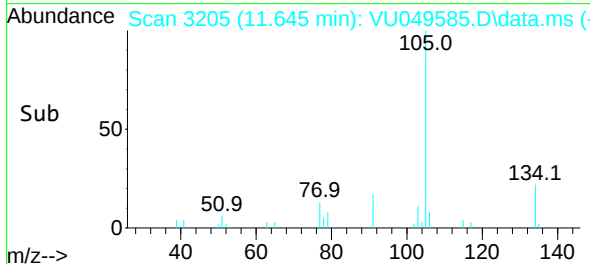
Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-20



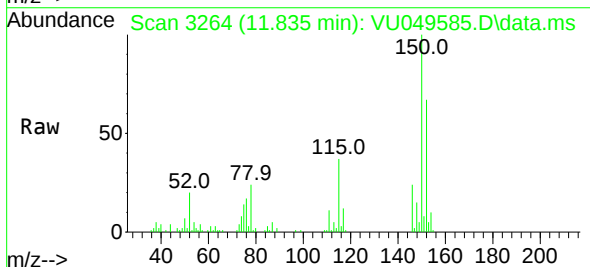
Tgt Ion:105 Resp: 10884
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

Manual Integrations
 APPROVED

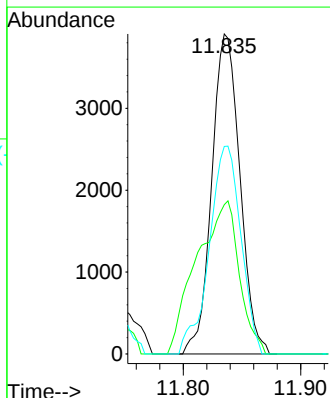
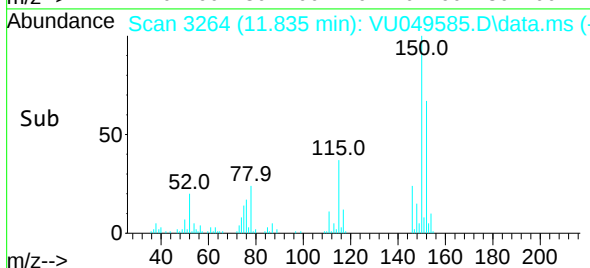
Reviewed By :Krupa Patel 07/05/2022
 Supervised By :Mahesh Dadoda 07/05/2022

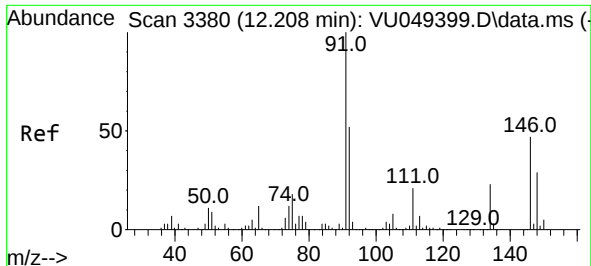


#88
 1,4-Dichlorobenzene
 Concen: 1.339 ug/l m
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.003 min
 Lab File: VU049585.D
 Acq: 01 Jul 2022 16:31



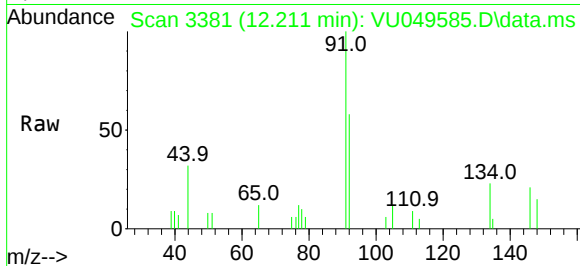
Tgt Ion:146 Resp: 6513
 Ion Ratio Lower Upper
 146 100
 111 6.0 18.5 55.5#
 148 9.0 31.9 95.7#





#89
n-Butylbenzene
Concen: 0.465 ug/l
RT: 12.211 min Scan# 3380
Delta R.T. 0.003 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

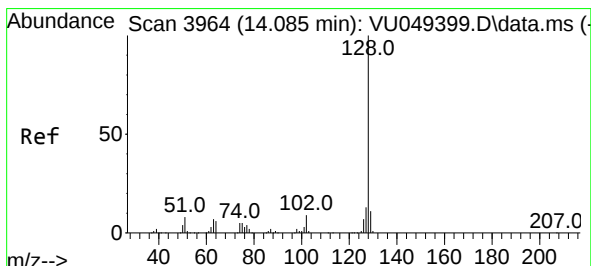
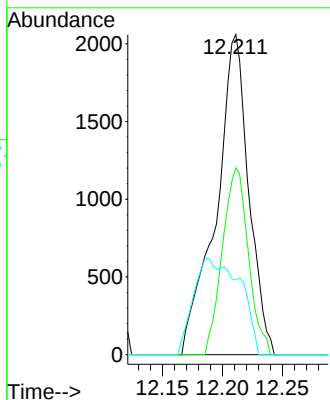
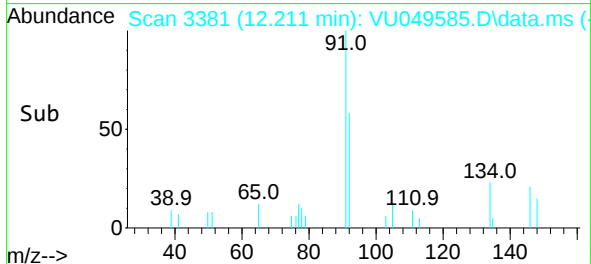
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-20



Tgt Ion: 91 Resp: 389
Ion Ratio Lower Upper
91 100
92 46.5 26.2 78.6
134 0.0 13.5 40.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022



#95
Naphthalene
Concen: 2.346 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VU049585.D
Acq: 01 Jul 2022 16:31

Tgt Ion:128 Resp: 7200
Ion Ratio Lower Upper
128 100
127 7.4 10.3 15.5#
129 10.5 8.6 13.0

