

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
 Data File : VX036348.D
 Acq On : 27 Jun 2023 14:03
 Operator : JC/MD
 Sample : 03361-23MEDL 10X
 Misc : 10.67g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB-7-GRAB-5MEDL

Quant Time: Jun 27 17:10:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	254564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	445099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199573	54.693	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.380%			
35) Dibromofluoromethane	5.385	113	154404	52.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.220%			
50) Toluene-d8	8.647	98	557105	50.823	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.640%			
62) 4-Bromofluorobenzene	11.079	95	206782	53.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.120%			
Target Compounds					Qvalue	
18) Methyl Acetate	2.709	43	20529	3.201	ug/l	97
39) Methylcyclohexane	7.379	83	1889	0.361	ug/l #	82
52) Toluene	8.720	92	1737	0.224	ug/l	99
64) Tetrachloroethene	9.269	164	728	0.254	ug/l #	83
67) Ethyl Benzene	10.195	91	6034	0.398	ug/l	93
68) m/p-Xylenes	10.299	106	13376	2.270	ug/l	95
69) o-Xylene	10.640	106	6129	1.077	ug/l	98
73) Isopropylbenzene	10.963	105	3033	0.211	ug/l	93
78) n-propylbenzene	11.305	91	9933	0.591	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	27079	2.220	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	68971	5.716	ug/l	93
85) sec-Butylbenzene	11.890	105	3582	0.242	ug/l	98
86) p-Isopropyltoluene	12.006	119	3136m	0.252	ug/l	
89) n-Butylbenzene	12.323	91	12588	1.138	ug/l #	26
95) Naphthalene	13.774	128	15535	1.191	ug/l	98

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

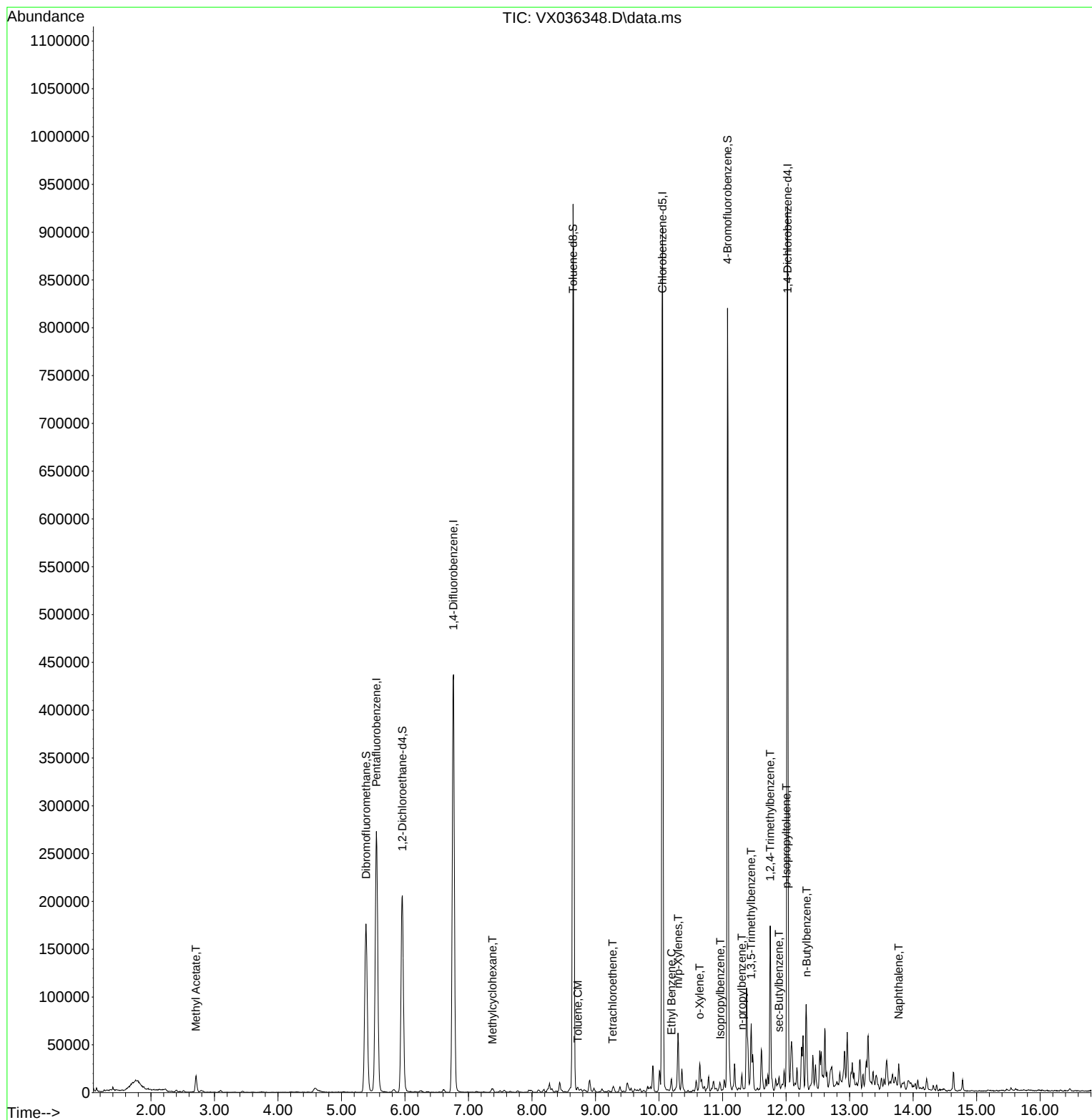
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
Data File : VX036348.D
Acq On : 27 Jun 2023 14:03
Operator : JC/MD
Sample : 03361-23MEDL 10X
Misc : 10.67g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5MEDL

Quant Time: Jun 27 17:10:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

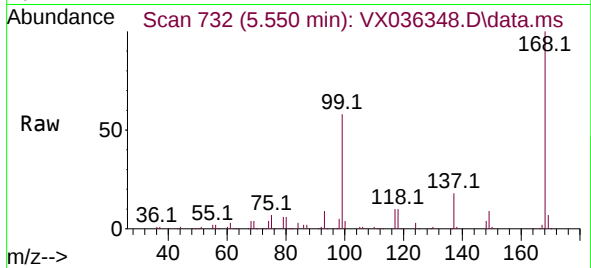
Reviewed By : John Carlone 06/28/2023
Supervised By : Mahesh Dadoda 06/28/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

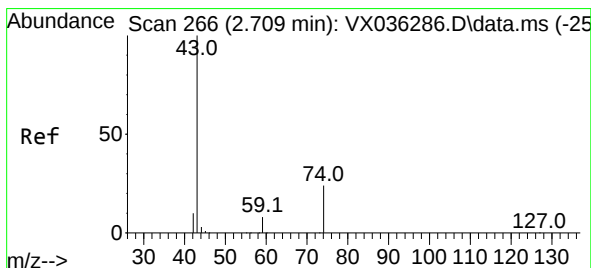
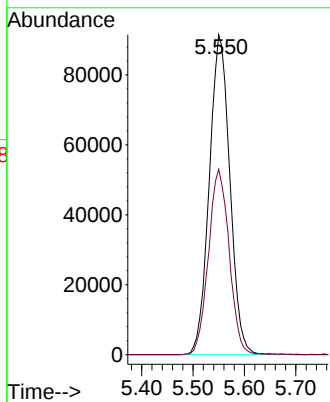
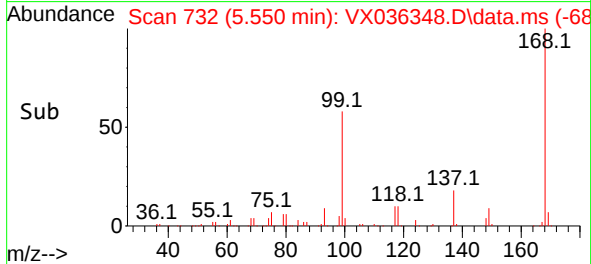
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5MEDL



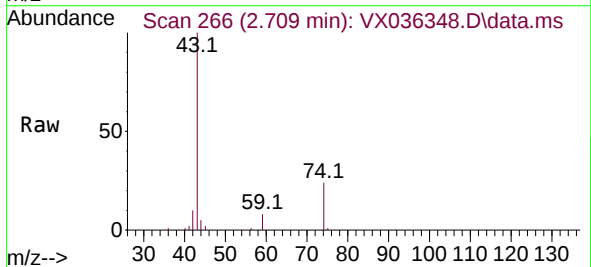
Tgt Ion:168 Resp: 254564
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0

Manual Integrations
APPROVED

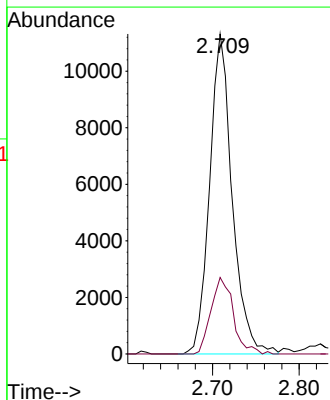
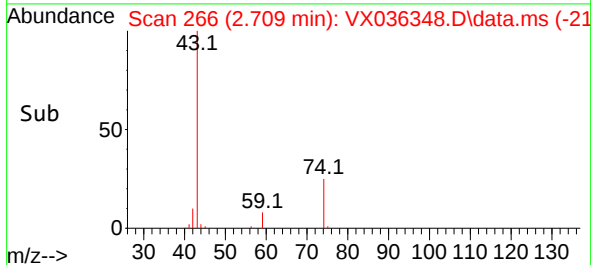
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

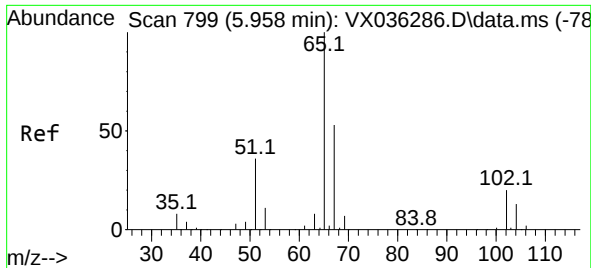


#18
Methyl Acetate
Concen: 3.201 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03



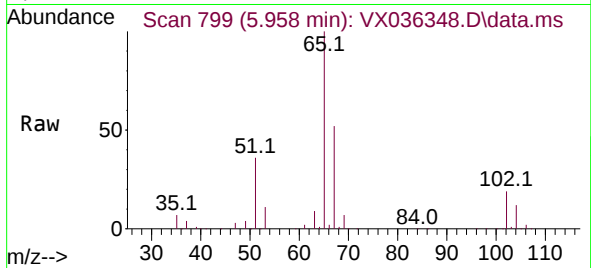
Tgt Ion: 43 Resp: 20529
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8





#33
1,2-Dichloroethane-d4
Concen: 54.693 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

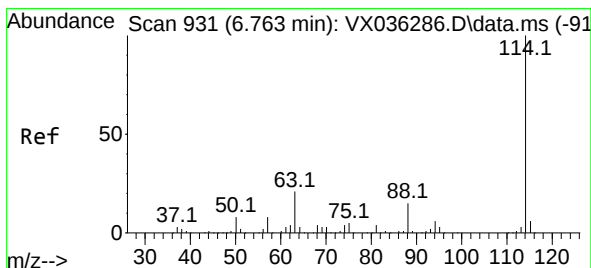
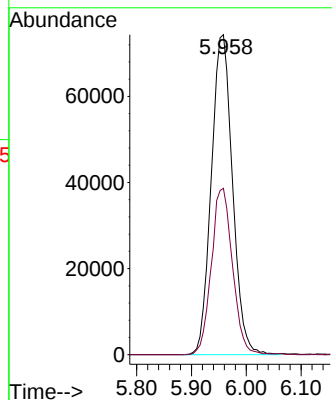
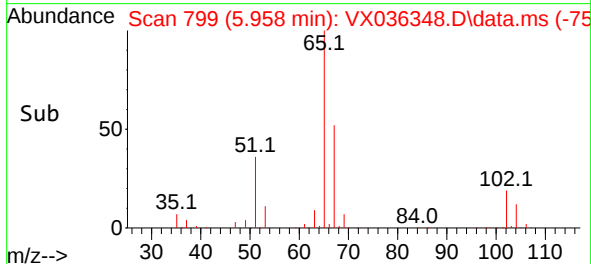
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5MEDL



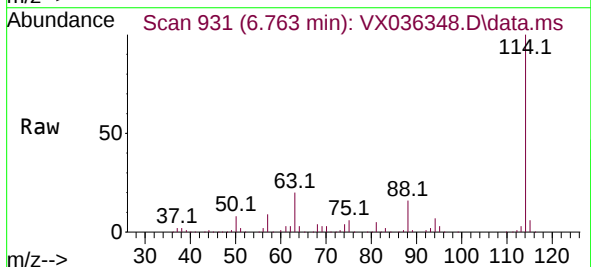
Tgt Ion: 65 Resp: 19957
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

Manual Integrations
APPROVED

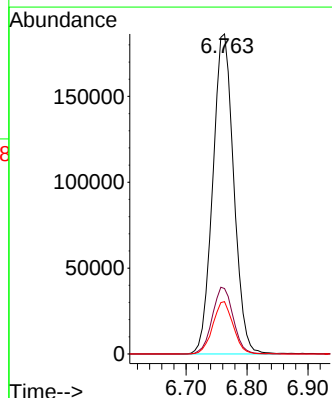
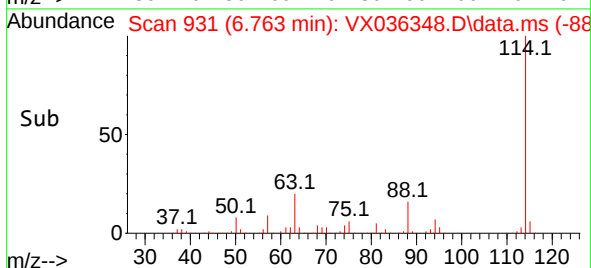
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

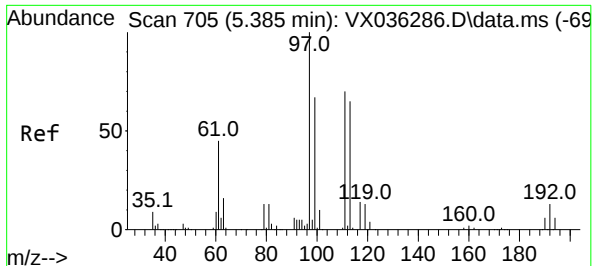


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03



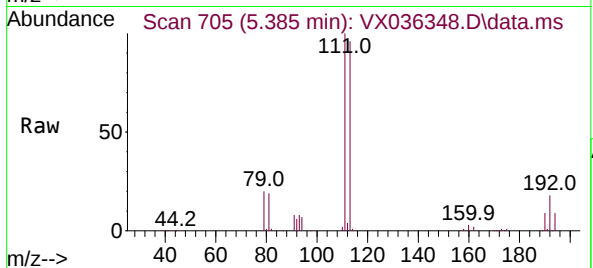
Tgt Ion:114 Resp: 445099
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.610 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

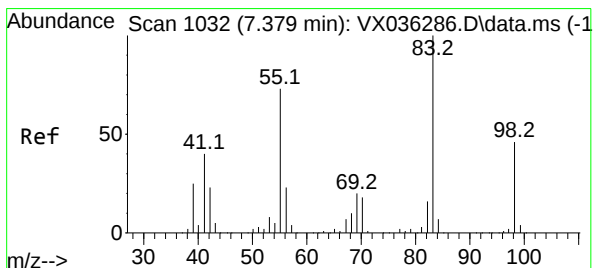
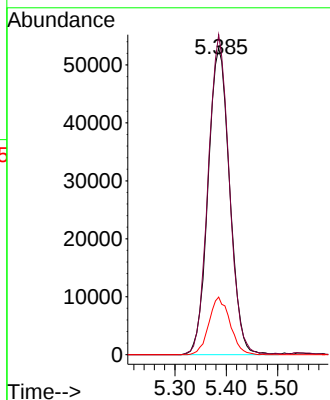
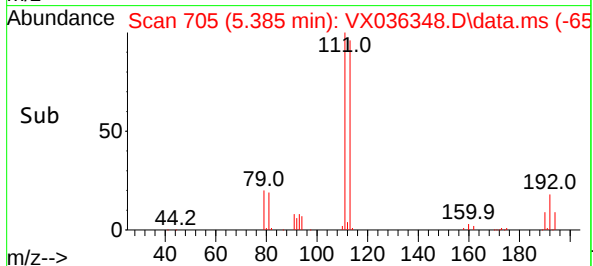
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5MEDL



Tgt Ion:113 Resp: 154404
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.3 13.3 19.9

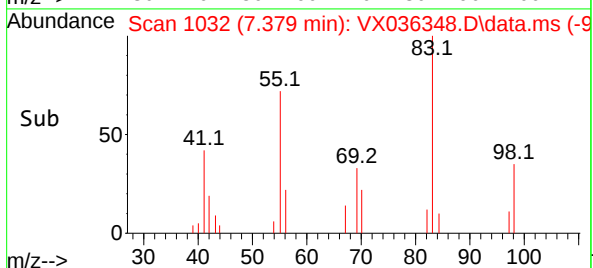
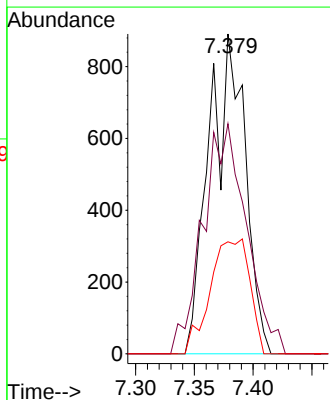
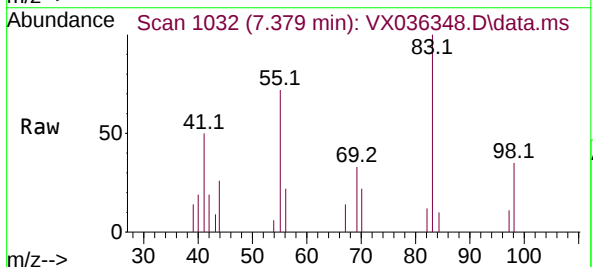
Manual Integrations
APPROVED

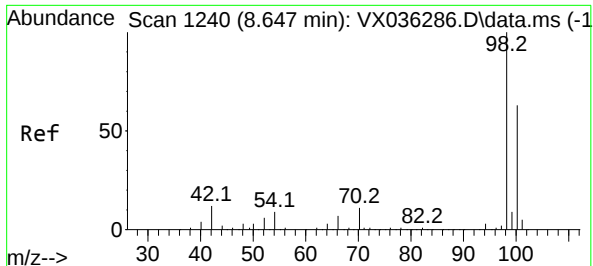
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#39
Methylcyclohexane
Concen: 0.361 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

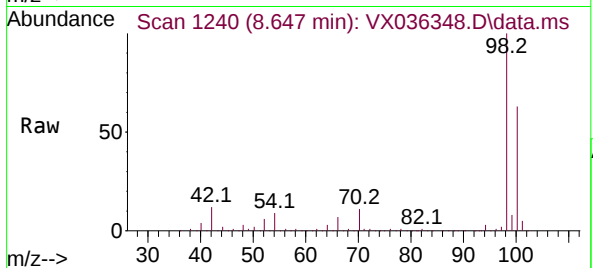
Tgt Ion: 83 Resp: 1889
Ion Ratio Lower Upper
83 100
55 64.3 64.6 97.0#
98 35.0 36.7 55.1#





#50
Toluene-d8
Concen: 50.823 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

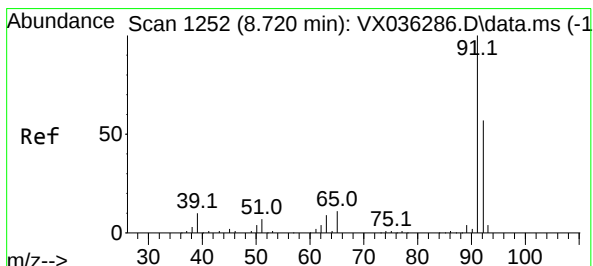
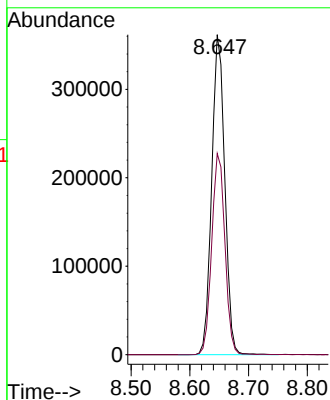
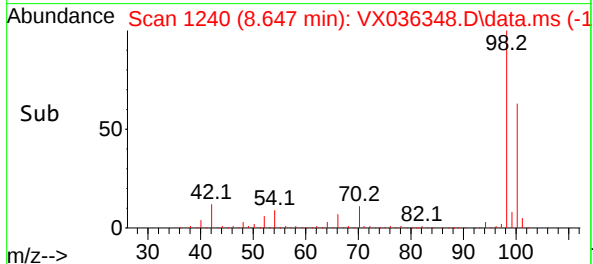
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5MEDL



Tgt Ion: 98 Resp: 55710
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

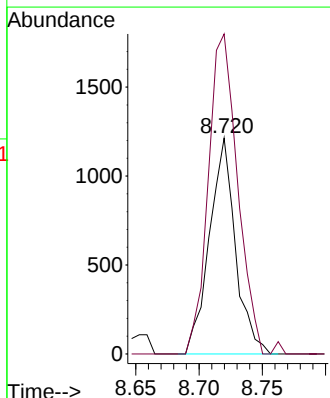
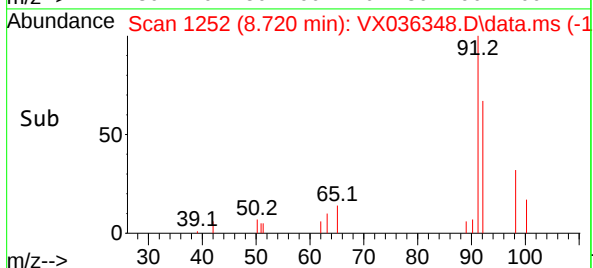
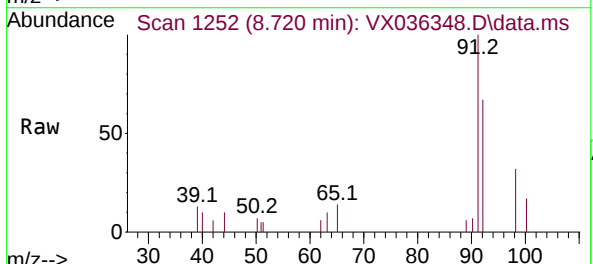
Manual Integrations
APPROVED

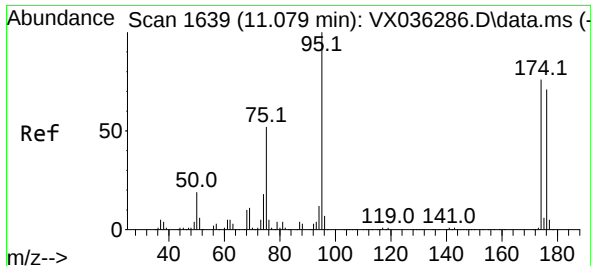
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#52
Toluene
Concen: 0.224 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

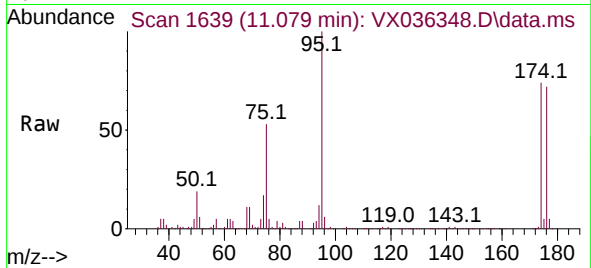
Tgt Ion: 92 Resp: 1737
Ion Ratio Lower Upper
92 100
91 166.5 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 53.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

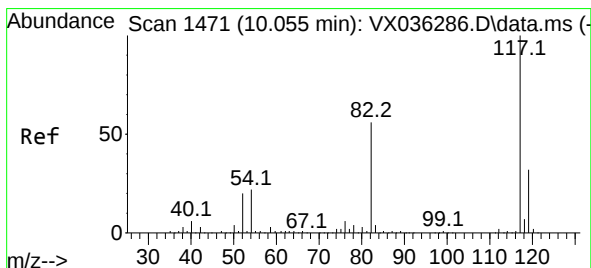
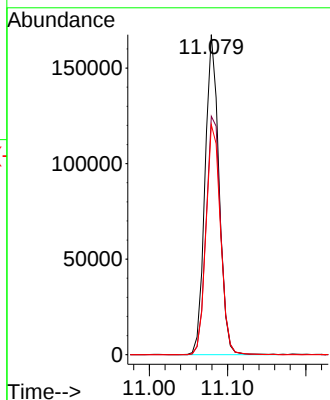
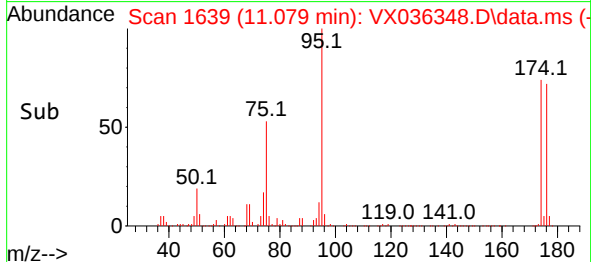
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5MEDL



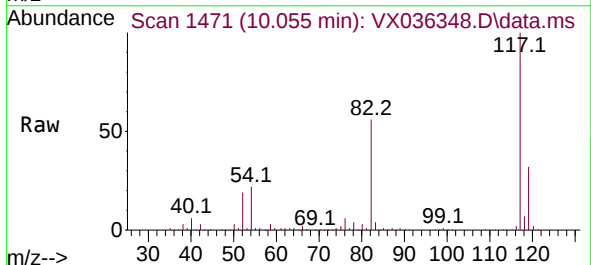
Tgt Ion: 95 Resp: 206782
Ion Ratio Lower Upper
95 100
174 77.8 0.0 135.6
176 74.6 0.0 131.0

Manual Integrations
APPROVED

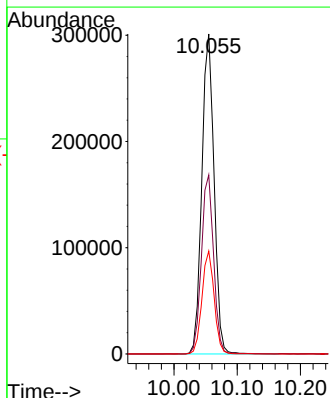
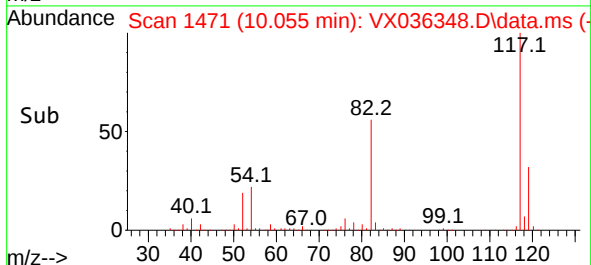
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

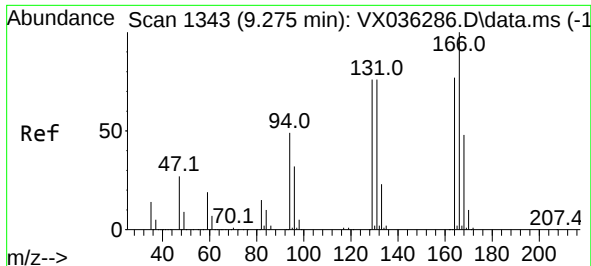


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03



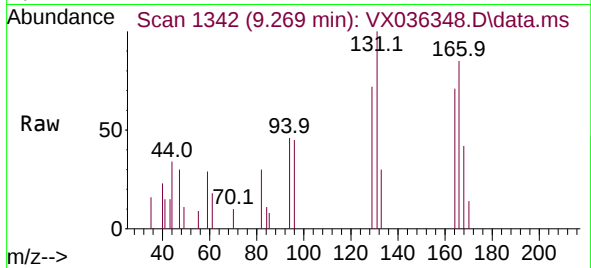
Tgt Ion:117 Resp: 405868
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.1 25.5 38.3





#64
Tetrachloroethene
Concen: 0.254 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

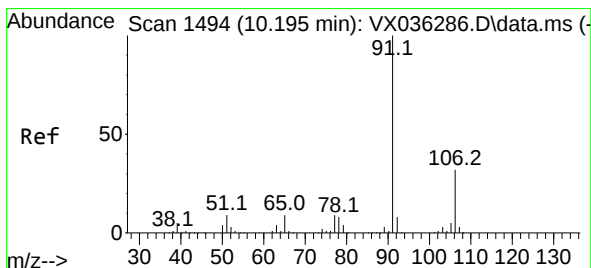
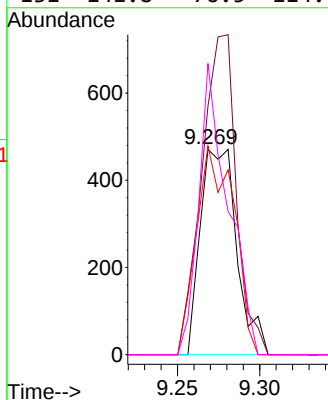
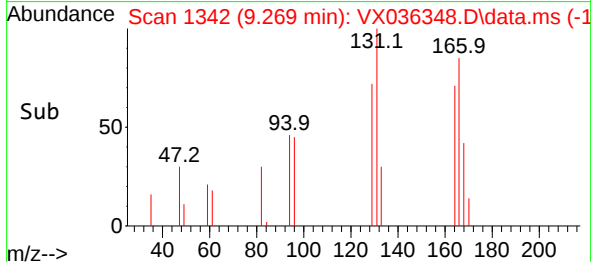
Instrument : MSVOA_X
ClientSampleId : TOTAL-VOC-SB-7-GRAB-5MEDL



Tgt Ion:164 Resp: 728
Ion Ratio Lower Upper
164 100
166 121.0 102.7 154.1
129 101.7 80.4 120.6
131 141.8 76.5 114.7#

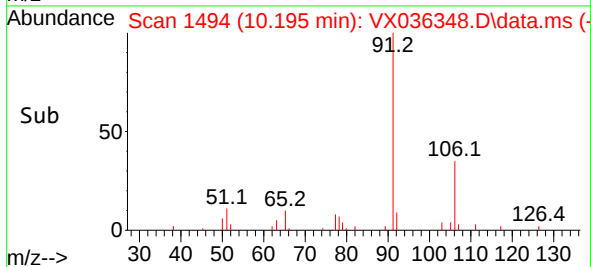
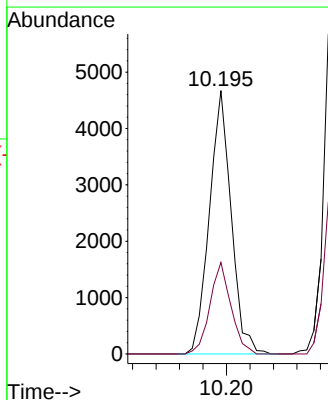
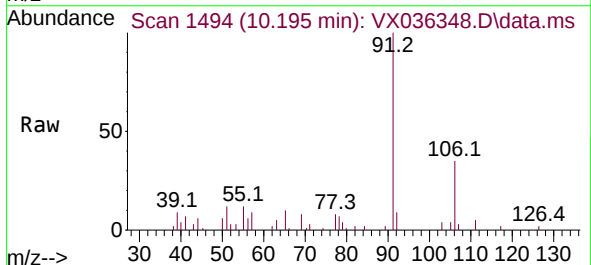
Manual Integrations
APPROVED

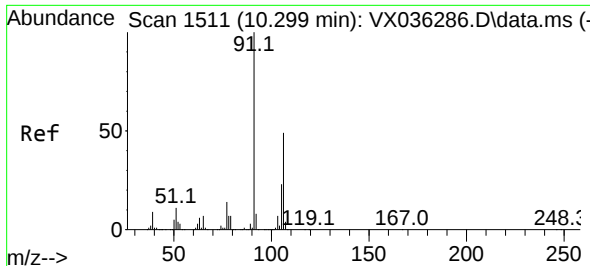
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#67
Ethyl Benzene
Concen: 0.398 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

Tgt Ion: 91 Resp: 6034
Ion Ratio Lower Upper
91 100
106 34.8 24.9 37.3





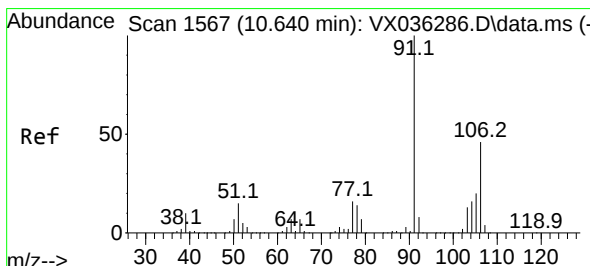
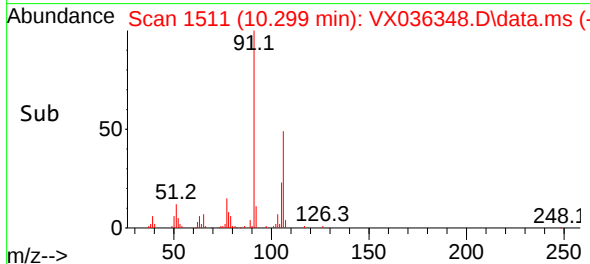
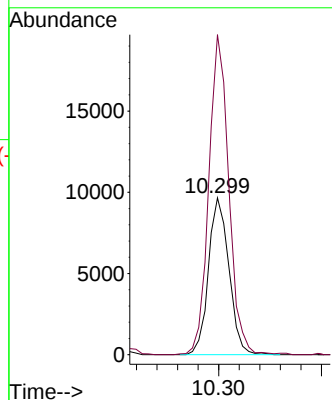
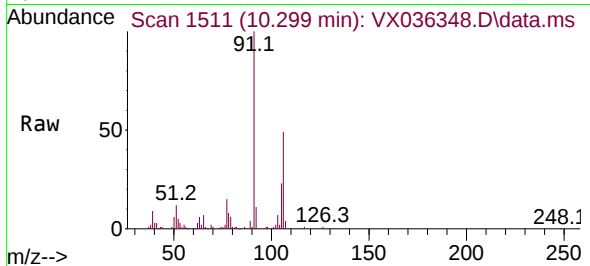
#68
m/p-Xylenes
Concen: 2.270 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5MEDL

Tgt Ion:106 Resp: 13370
Ion Ratio Lower Upper
106 100
91 199.7 165.5 248.3

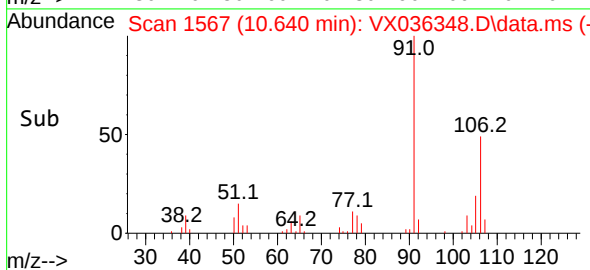
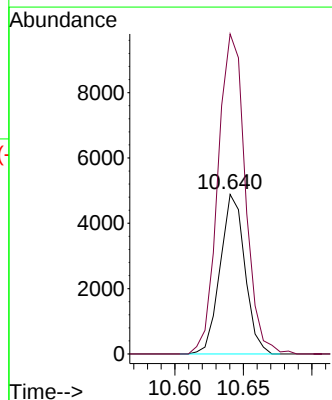
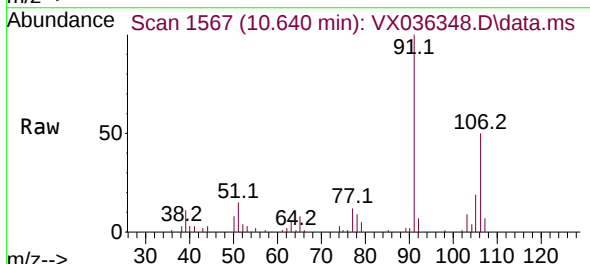
Manual Integrations
APPROVED

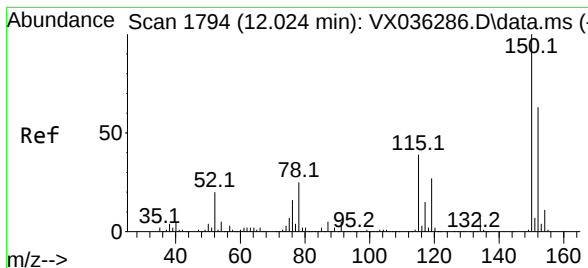
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#69
o-Xylene
Concen: 1.077 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

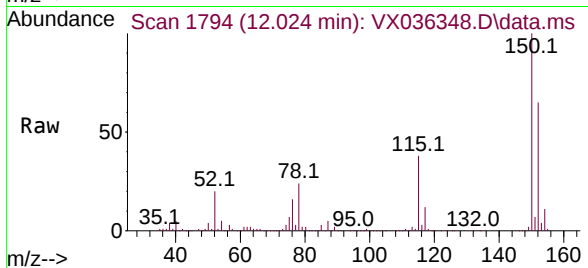
Tgt Ion:106 Resp: 6129
Ion Ratio Lower Upper
106 100
91 221.5 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

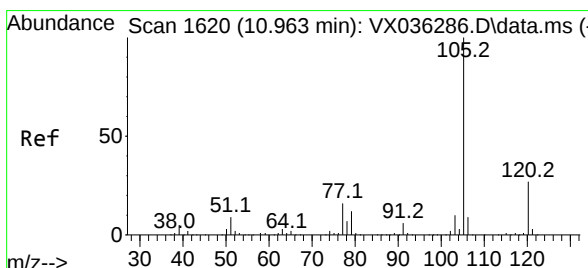
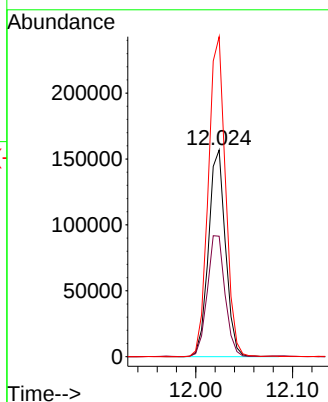
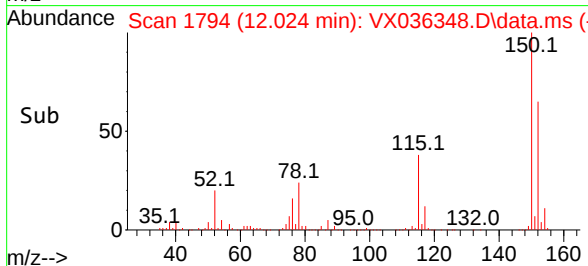
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5MEDL



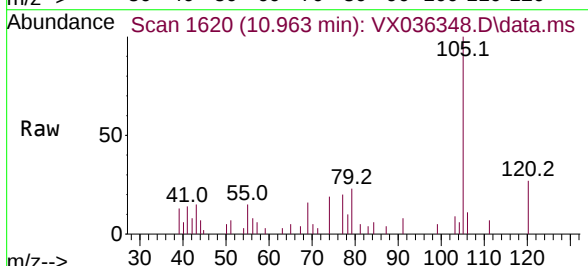
Tgt Ion:152 Resp: 19110
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 156.8 0.0 345.0

Manual Integrations
APPROVED

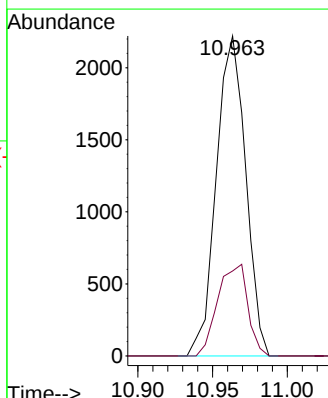
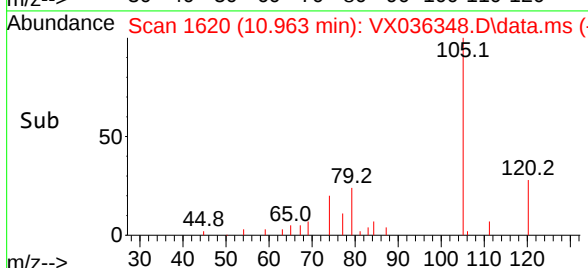
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

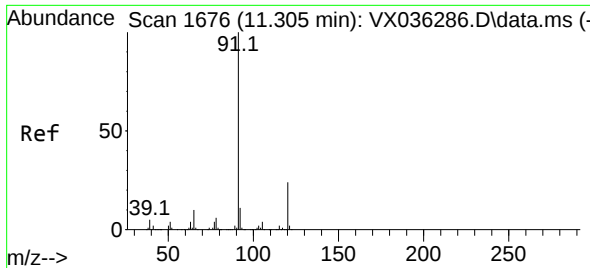


#73
Isopropylbenzene
Concen: 0.211 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03



Tgt Ion:105 Resp: 3033
Ion Ratio Lower Upper
105 100
120 29.2 12.9 38.6





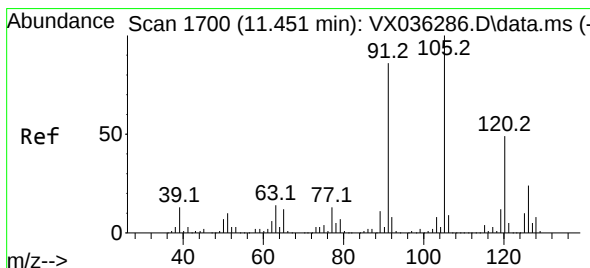
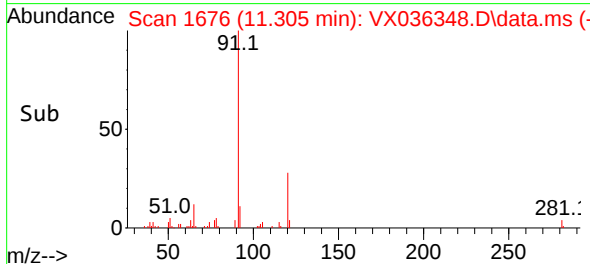
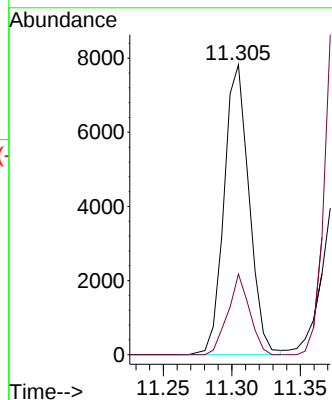
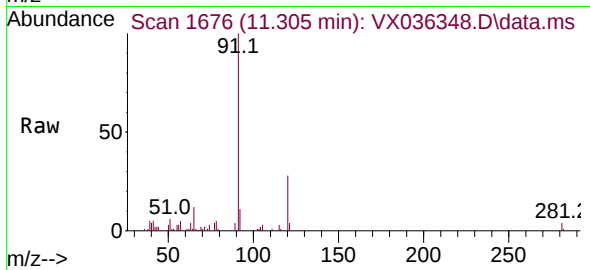
#78
n-propylbenzene
Concen: 0.591 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5MEDL

Tgt Ion: 91 Resp: 993
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.4

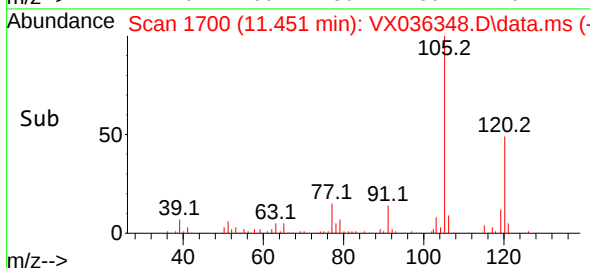
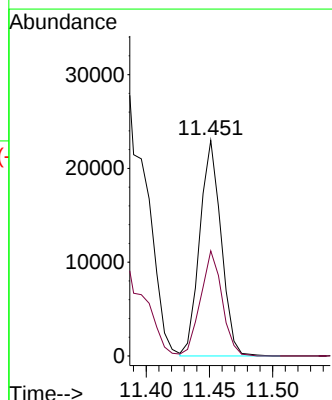
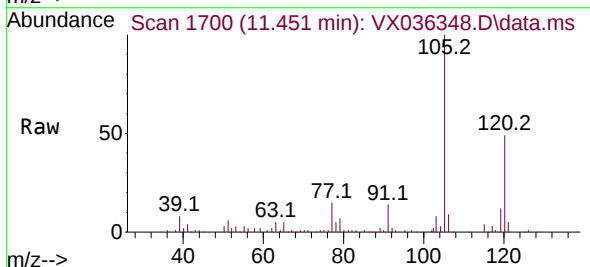
Manual Integrations
APPROVED

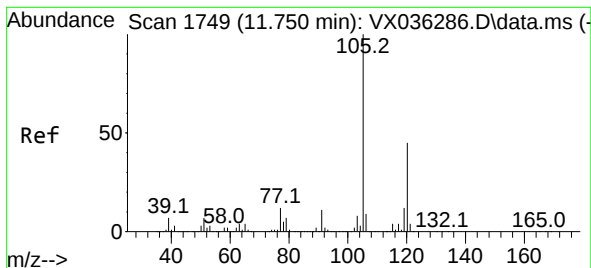
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 2.220 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

Tgt Ion:105 Resp: 27079
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 5.716 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036348.D

Acq: 27 Jun 2023 14:03

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-SB-7-GRAB-5MEDL

Tgt Ion:105 Resp: 6897

Ion Ratio Lower Upper

105 100

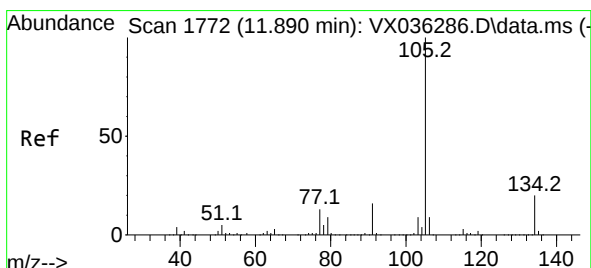
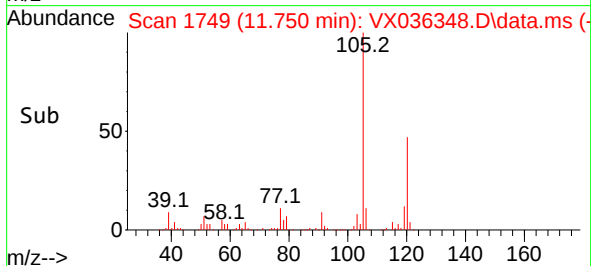
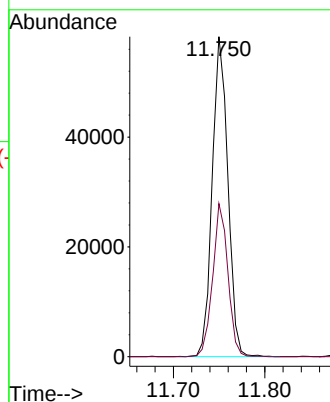
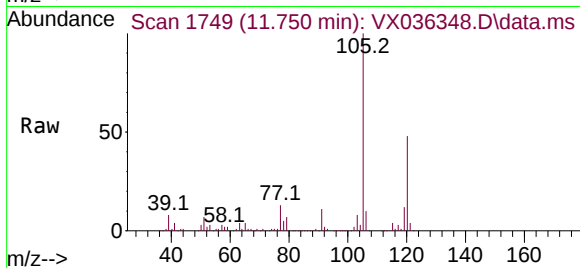
120 46.7 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#85

sec-Butylbenzene

Concen: 0.242 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX036348.D

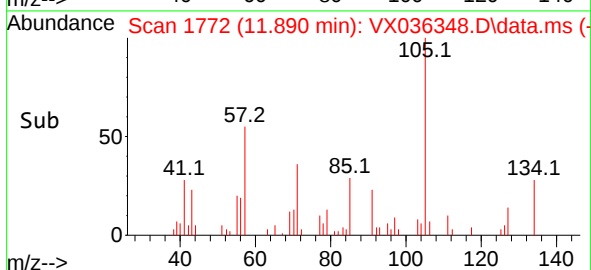
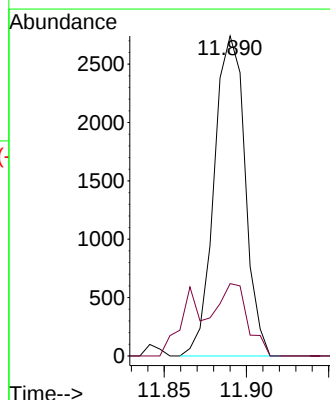
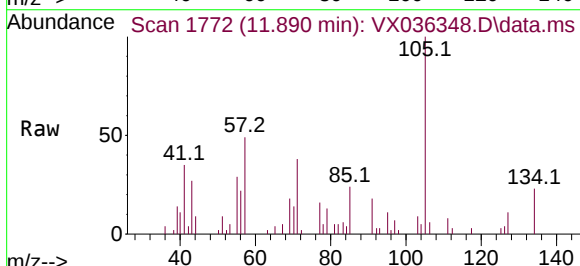
Acq: 27 Jun 2023 14:03

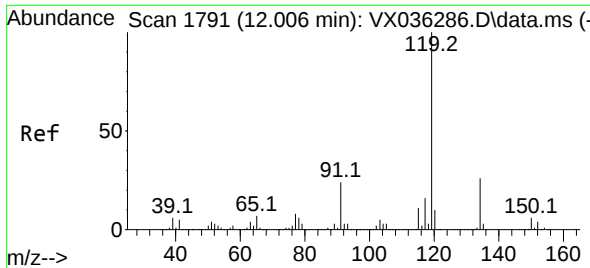
Tgt Ion:105 Resp: 3582

Ion Ratio Lower Upper

105 100

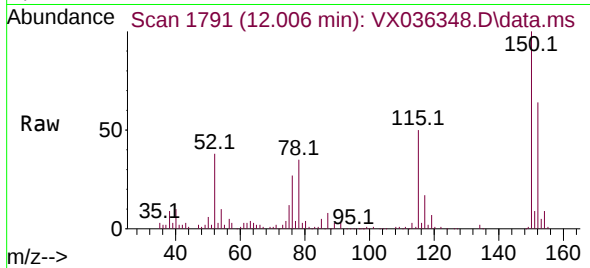
134 20.6 9.8 29.4





#86
p-Isopropyltoluene
Concen: 0.252 ug/l m
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

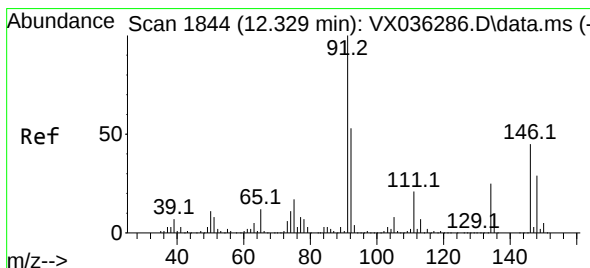
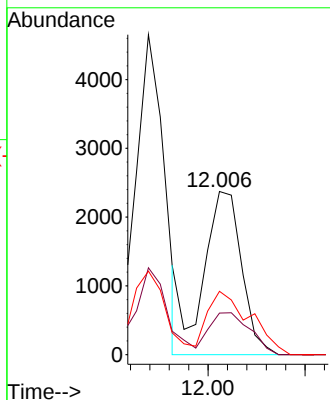
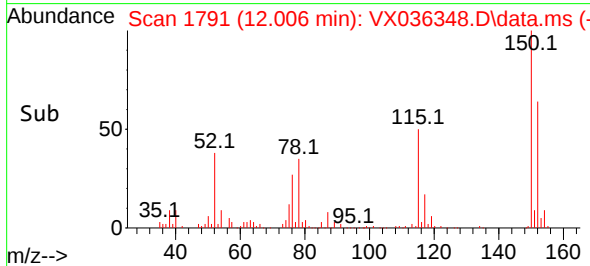
Instrument : MSVOA_X
ClientSampleId : TOTAL-VOC-SB-7-GRAB-5MEDL



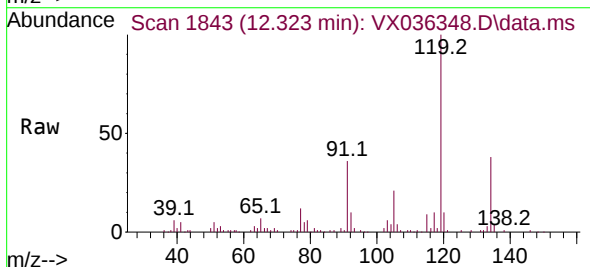
Tgt Ion: 119 Resp: 3130
Ion Ratio Lower Upper
119 100
134 45.8 12.8 38.3
91 48.2 13.1 39.3

Manual Integrations
APPROVED

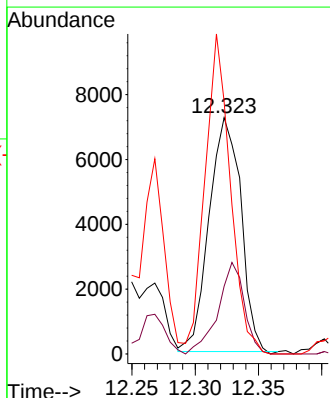
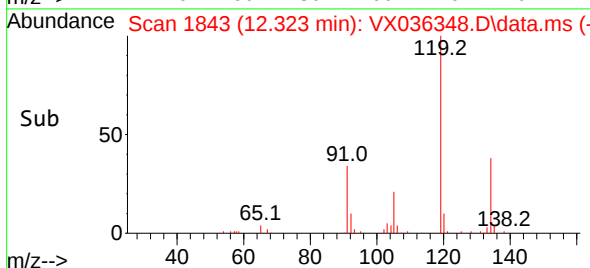
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

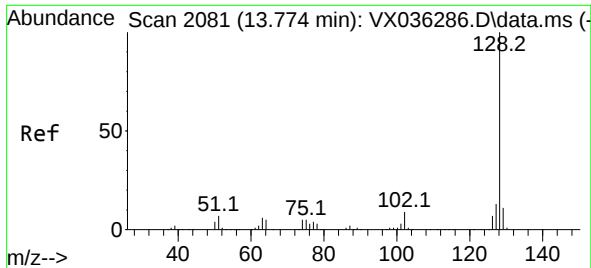


#89
n-Butylbenzene
Concen: 1.138 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03



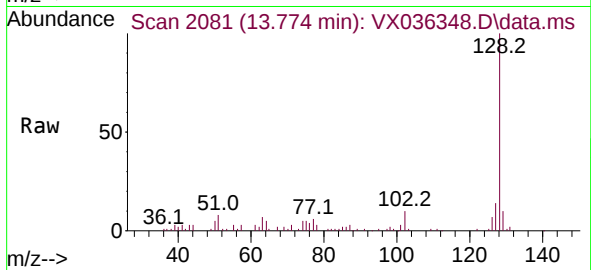
Tgt Ion: 91 Resp: 12588
Ion Ratio Lower Upper
91 100
92 32.3 27.4 82.0
134 108.9 12.6 37.8





#95
Naphthalene
Concen: 1.191 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036348.D
Acq: 27 Jun 2023 14:03

Instrument : MSVOA_X
ClientSampleId : TOTAL-VOC-SB-7-GRAB-5MEDL



Tgt Ion:128 Resp: 15538
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 12.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

