

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032497.D
 Acq On : 31 Oct 2022 18:49
 Operator : JC/MD
 Sample : N5193-13DL 20X
 Misc : 6.07g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-SS-07-00-20DL

Quant Time: Nov 01 05:16:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	124918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82010	47.249	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.500%		
35) Dibromofluoromethane	5.385	113	65372	46.010	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.020%		
50) Toluene-d8	8.653	98	243729	49.333	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.660%		
62) 4-Bromofluorobenzene	11.079	95	88419	45.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.640%		
Target Compounds						
					Qvalue	
31) Cyclohexane	5.471	56	27117	12.885	ug/l	90
39) Methylcyclohexane	7.385	83	109210	46.652	ug/l	99
67) Ethyl Benzene	10.195	91	27588	3.825	ug/l	96
68) m/p-Xylenes	10.305	106	2912	1.040	ug/l	76
69) o-Xylene	10.640	106	17726	6.509	ug/l	100
73) Isopropylbenzene	10.964	105	27774	3.879	ug/l	98
78) n-propylbenzene	11.305	91	38274	4.640	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	30700	5.017	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	41690	6.850	ug/l	99
85) sec-Butylbenzene	11.890	105	35522	4.832	ug/l	79
86) p-Isopropyltoluene	12.012	119	20290	3.253	ug/l	98
89) n-Butylbenzene	12.329	91	30838m	5.683	ug/l	
95) Naphthalene	13.774	128	132037	18.614	ug/l	96

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

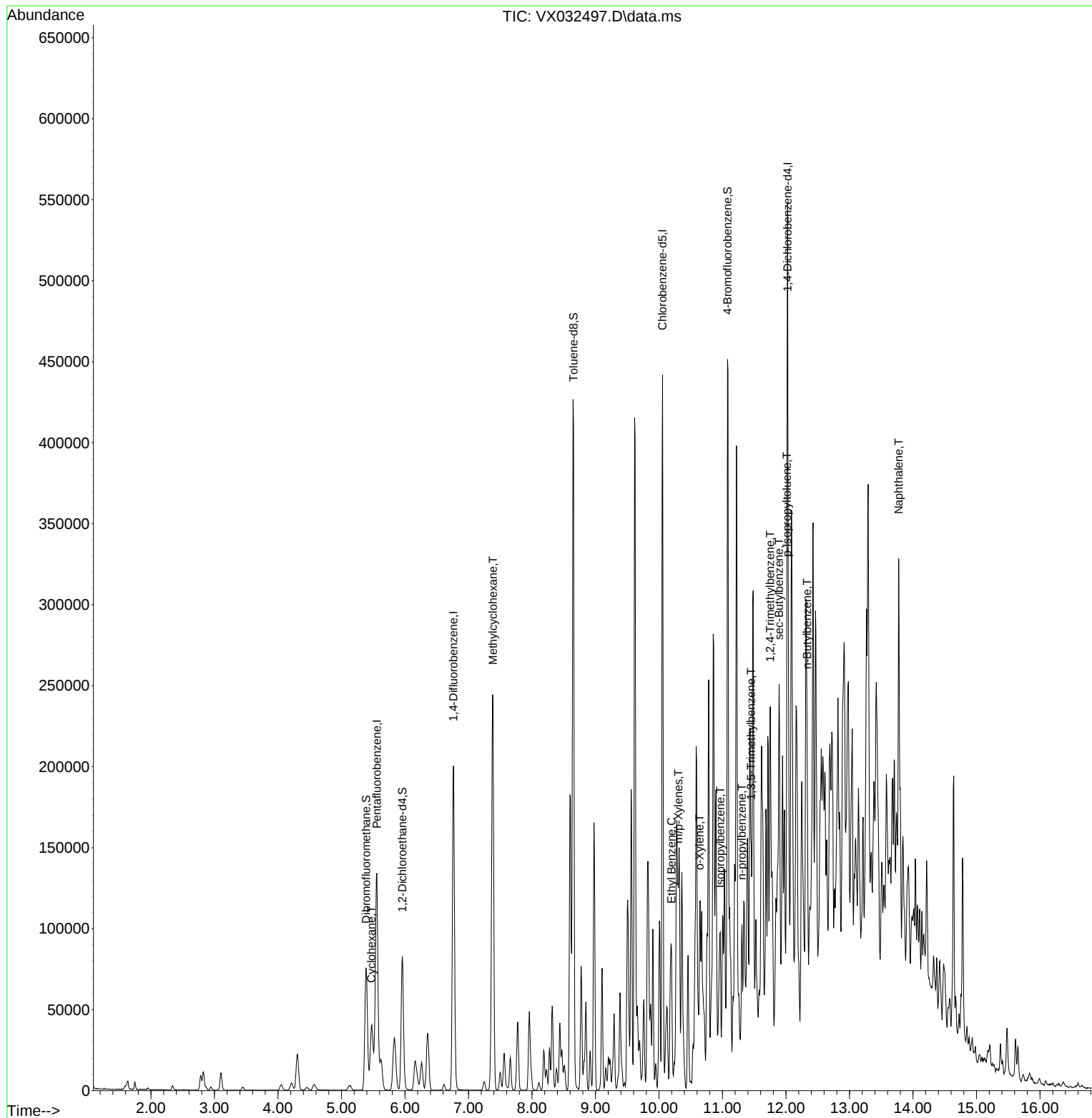
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
Data File : VX032497.D
Acq On : 31 Oct 2022 18:49
Operator : JC/MD
Sample : N5193-13DL 20X
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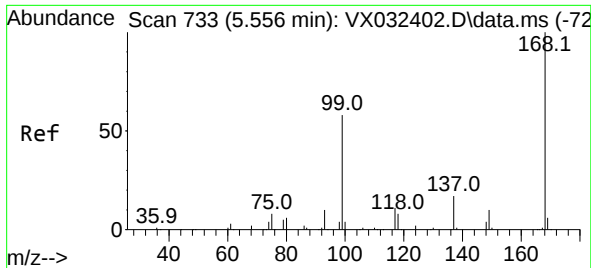
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-07-00-20DL

Quant Time: Nov 01 05:16:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

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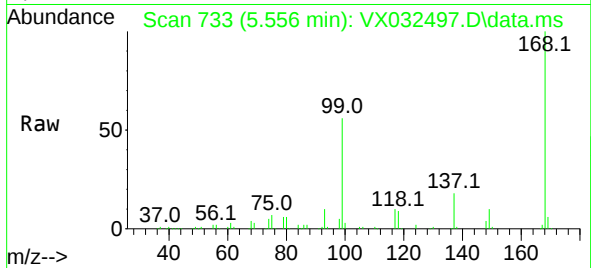
Reviewed By : John Carlone 11/01/2022
Supervised By : Mahesh Dadoda 11/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

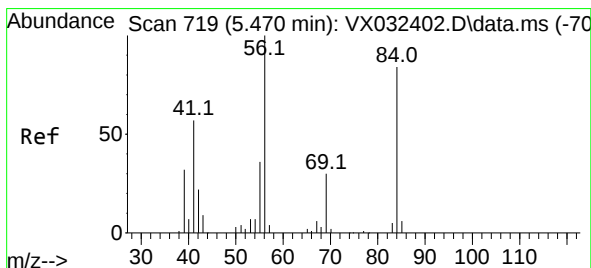
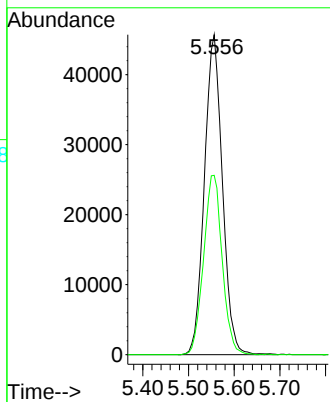
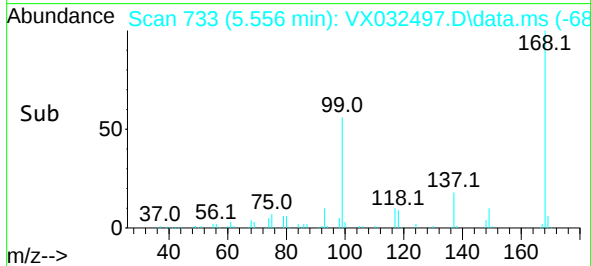
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-07-00-20DL



Tgt Ion:168 Resp: 124918
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1

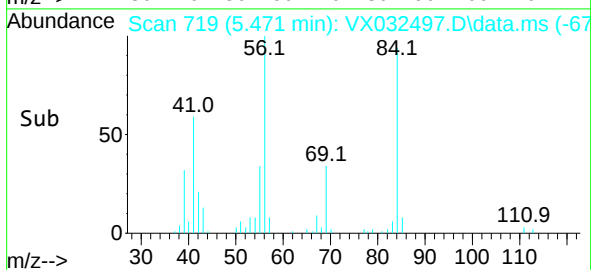
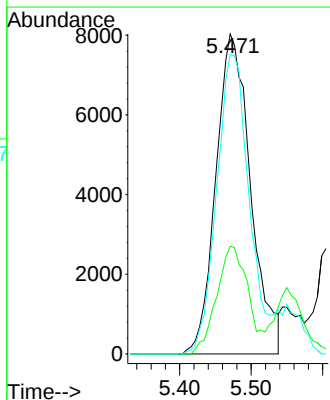
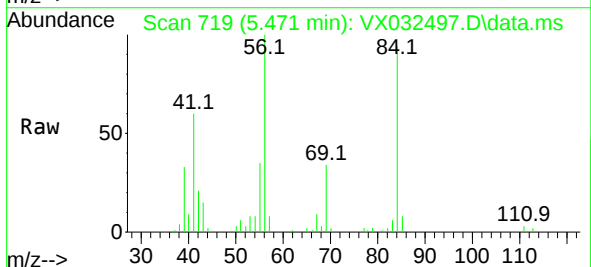
Manual Integrations
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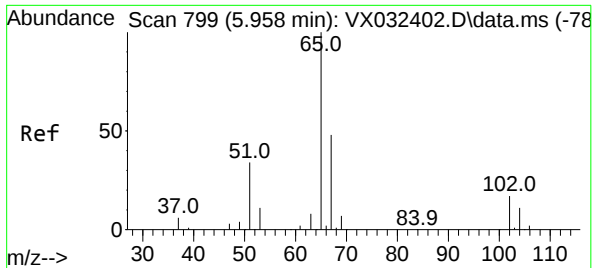
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#31
Cyclohexane
Concen: 12.885 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

Tgt Ion: 56 Resp: 27117
Ion Ratio Lower Upper
56 100
69 33.7 24.1 36.1
84 93.7 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 47.249 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032497.D

Acq: 31 Oct 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

LSP-SS-07-00-20DL

Tgt Ion: 65 Resp: 82010

Ion Ratio Lower Upper

65 100

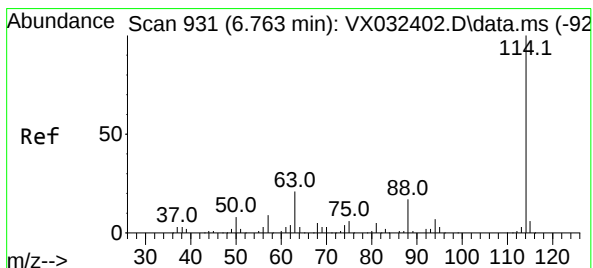
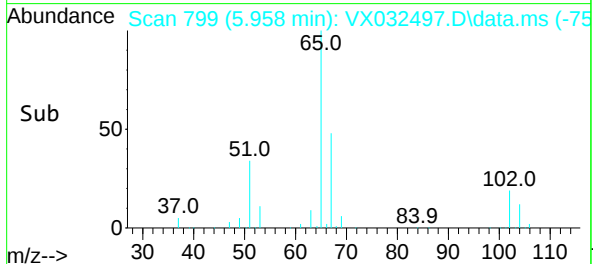
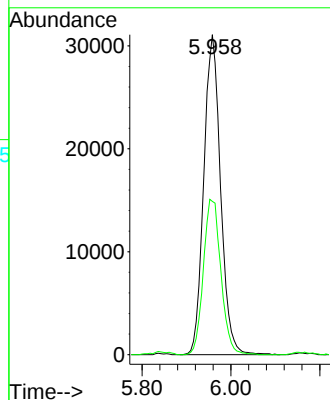
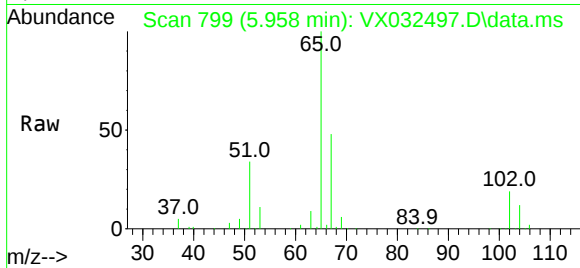
67 50.5 0.0 101.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032497.D

Acq: 31 Oct 2022 18:49

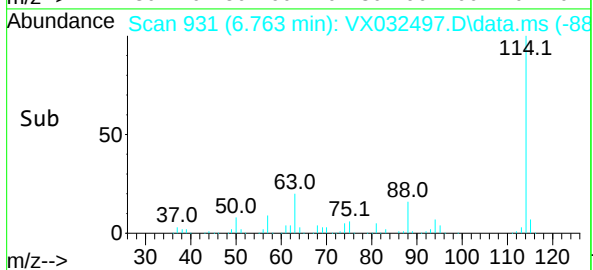
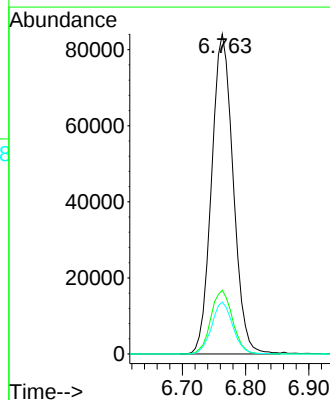
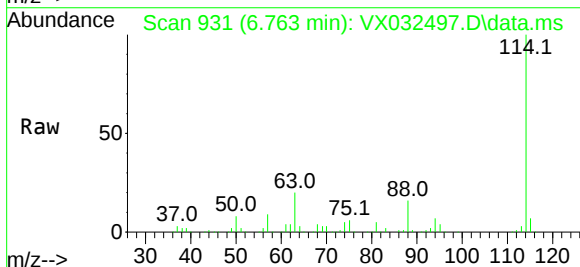
Tgt Ion:114 Resp: 199187

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.010 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032497.D

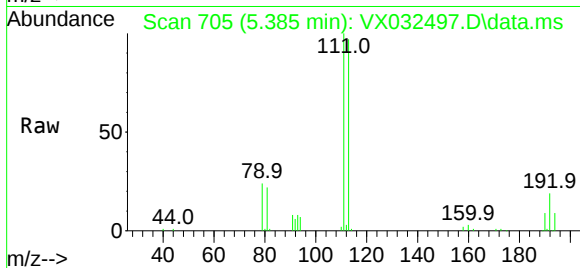
Acq: 31 Oct 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

LSP-SS-07-00-20DL



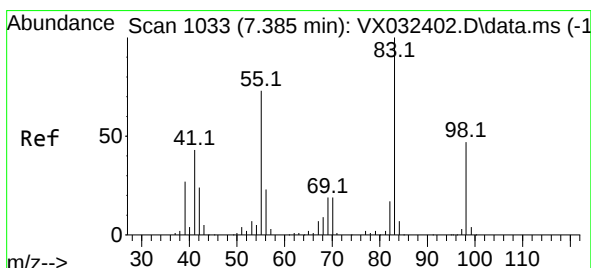
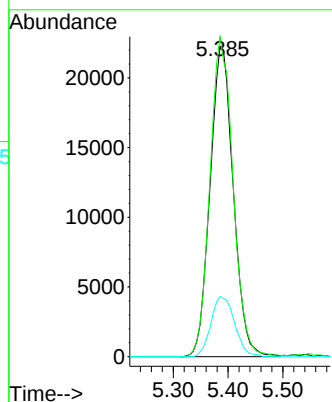
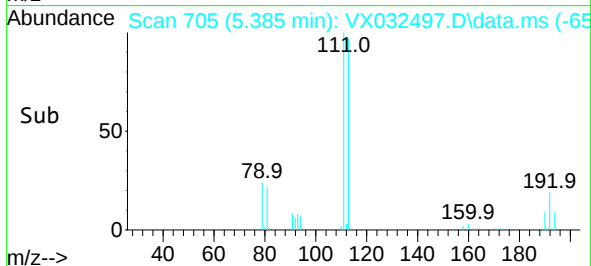
Tgt Ion:	113	Resp:	65372
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	19.8	15.4	23.2

Manual Integrations

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Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#39

Methylcyclohexane

Concen: 46.652 ug/l

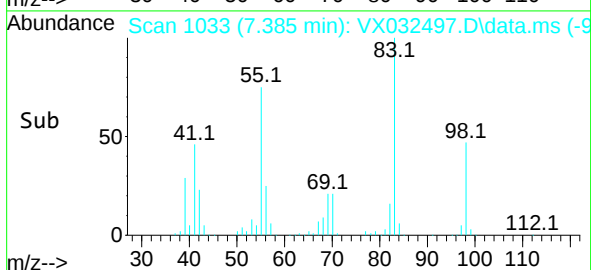
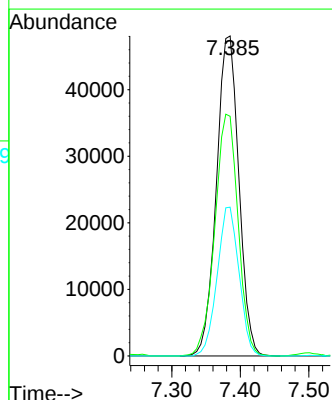
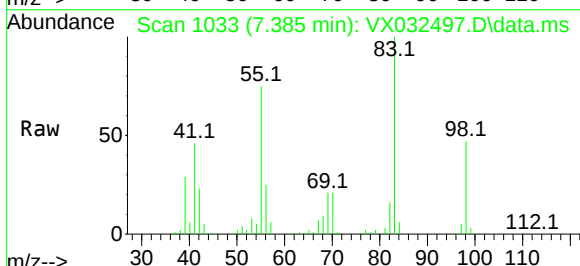
RT: 7.385 min Scan# 1033

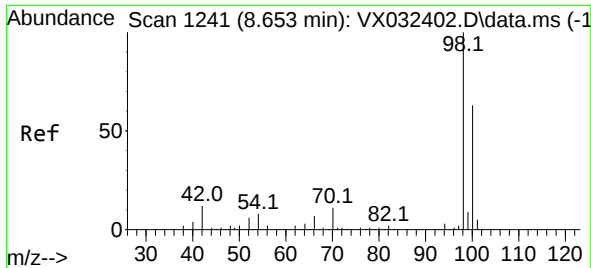
Delta R.T. 0.000 min

Lab File: VX032497.D

Acq: 31 Oct 2022 18:49

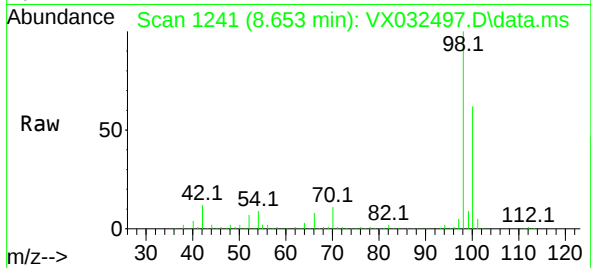
Tgt Ion:	83	Resp:	109210
Ion	Ratio	Lower	Upper
83	100		
55	74.9	58.4	87.6
98	46.5	37.2	55.8





#50
Toluene-d8
Concen: 49.333 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

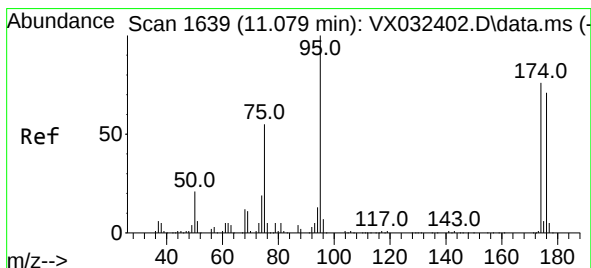
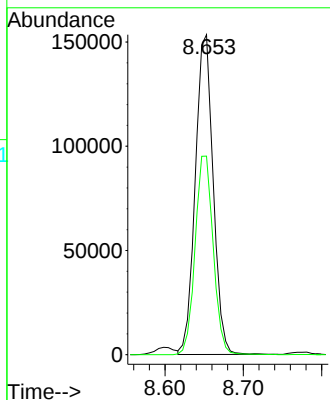
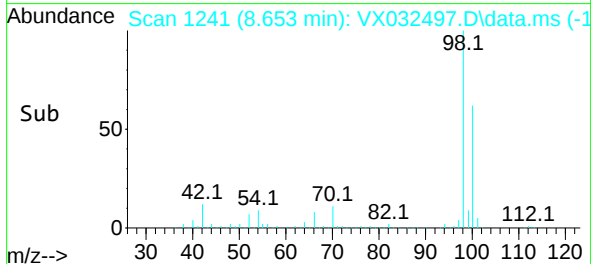
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-07-00-20DL



Tgt Ion: 98 Resp: 243729
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

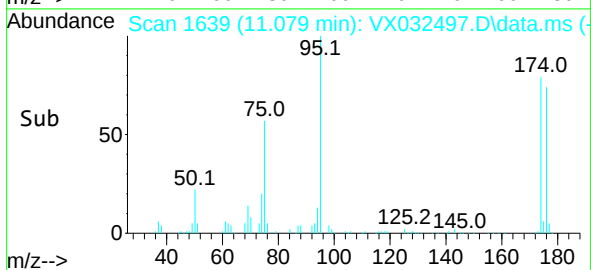
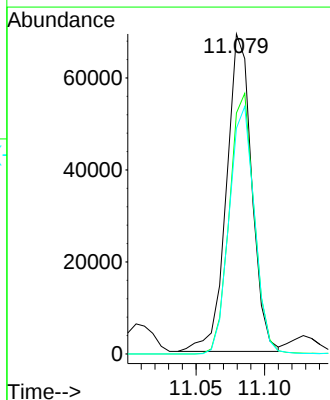
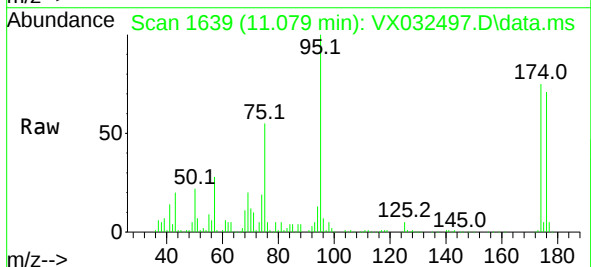
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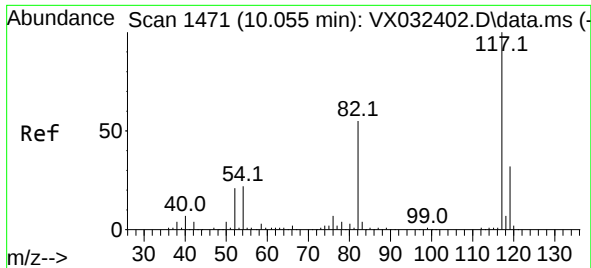
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#62
4-Bromofluorobenzene
Concen: 45.816 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

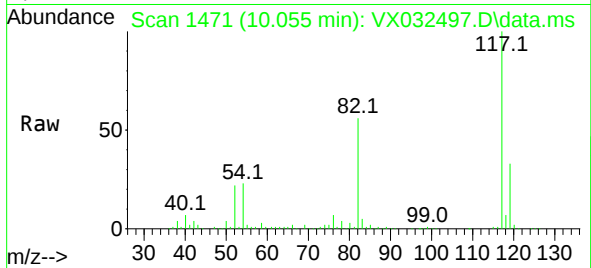
Tgt Ion: 95 Resp: 88419
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 78.4 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

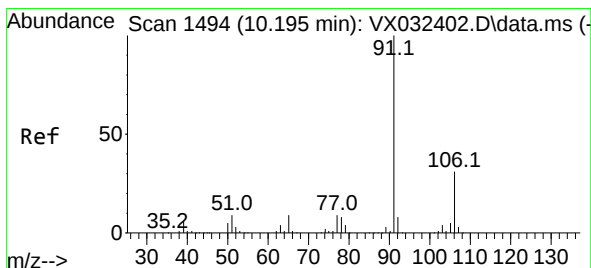
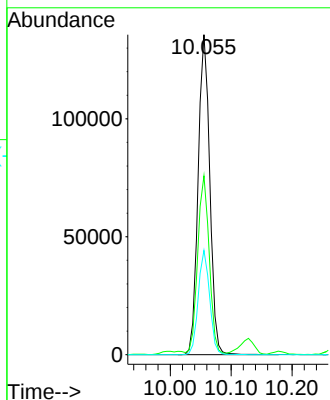
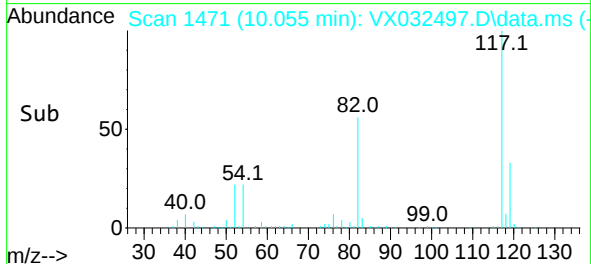
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-07-00-20DL



Tgt Ion:117 Resp: 180072
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.6 25.7 38.5

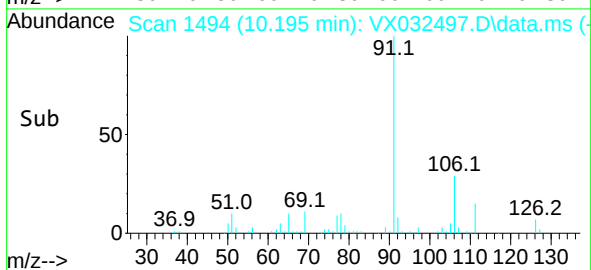
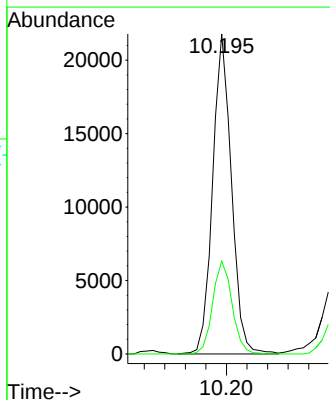
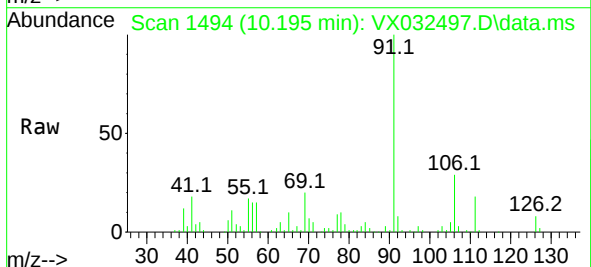
Manual Integrations
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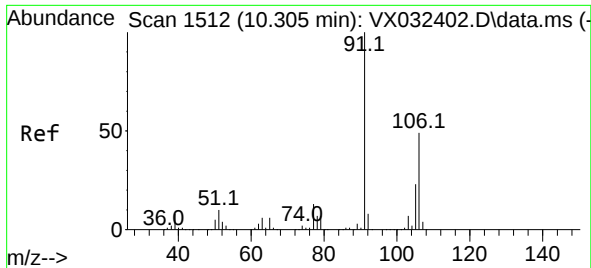
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#67
Ethyl Benzene
Concen: 3.825 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

Tgt Ion: 91 Resp: 27588
Ion Ratio Lower Upper
91 100
106 29.0 25.0 37.6





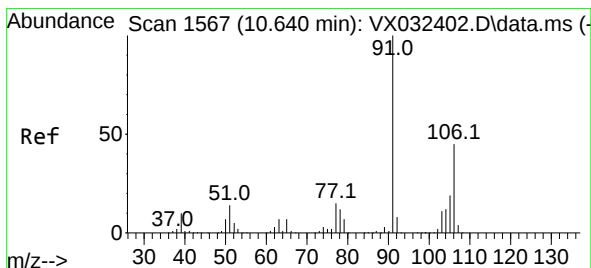
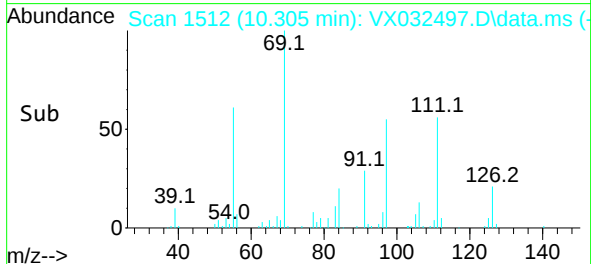
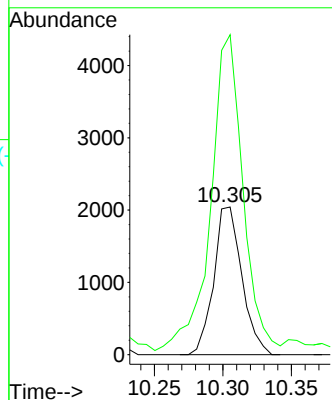
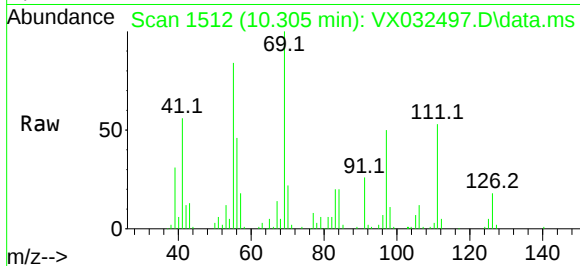
#68
m/p-Xylenes
Concen: 1.040 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-07-00-20DL

Tgt Ion:106 Resp: 2912
Ion Ratio Lower Upper
106 100
91 243.3 164.5 246.7

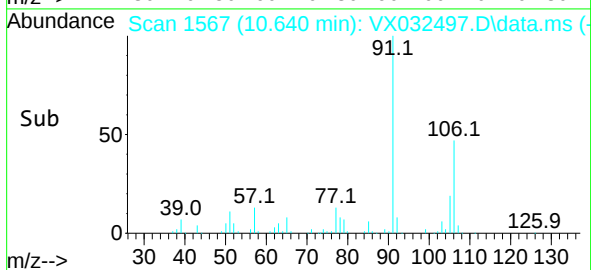
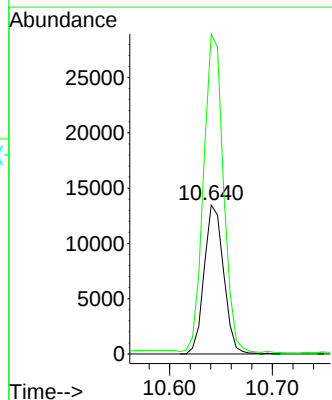
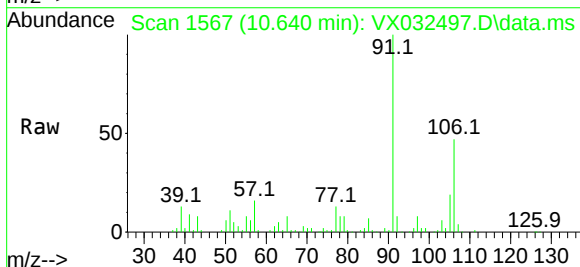
Manual Integrations
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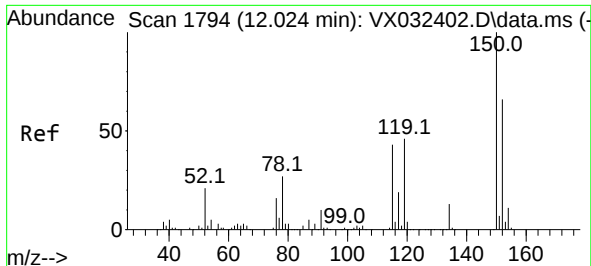
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#69
o-Xylene
Concen: 6.509 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

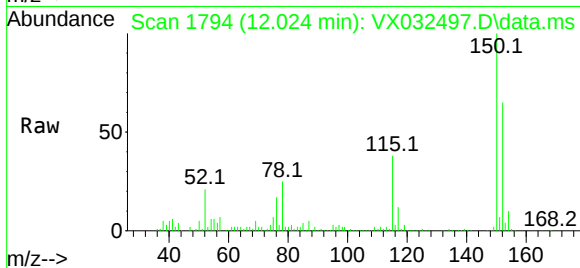
Tgt Ion:106 Resp: 17726
Ion Ratio Lower Upper
106 100
91 219.2 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

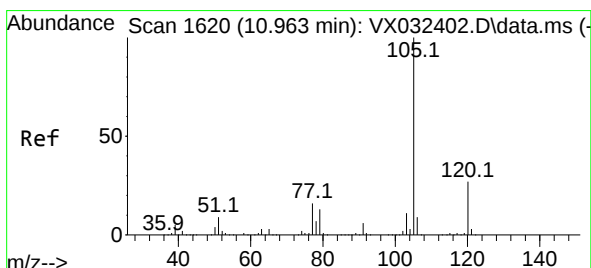
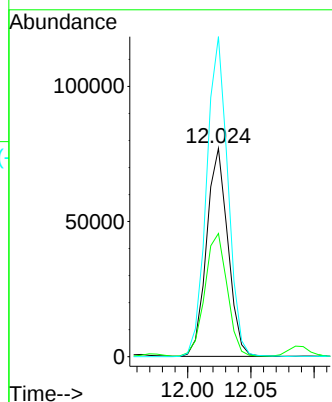
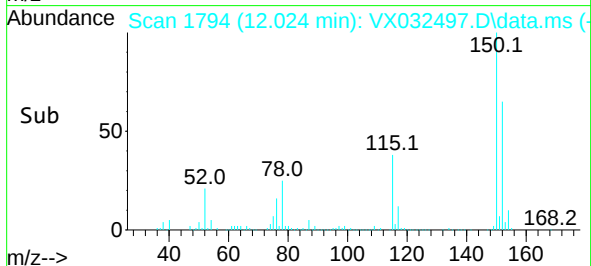
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-07-00-20DL



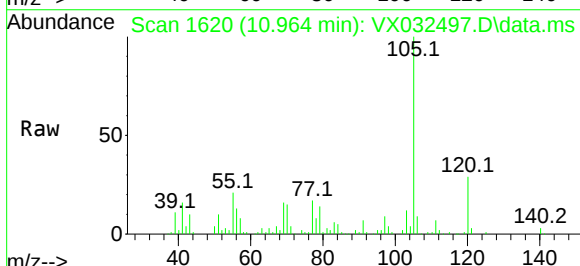
Tgt Ion:152 Resp: 90354
Ion Ratio Lower Upper
152 100
115 62.6 44.0 132.0
150 153.8 0.0 351.8

Manual Integrations
APPROVED

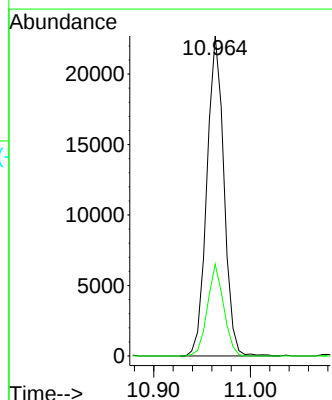
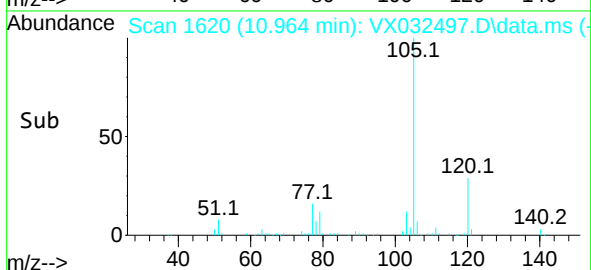
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

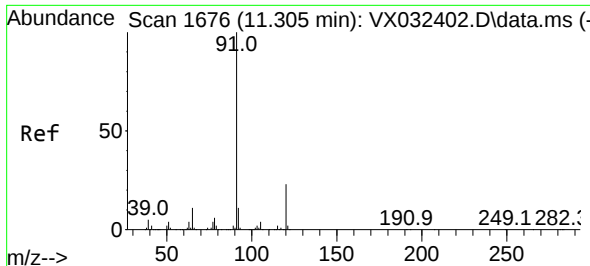


#73
Isopropylbenzene
Concen: 3.879 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49



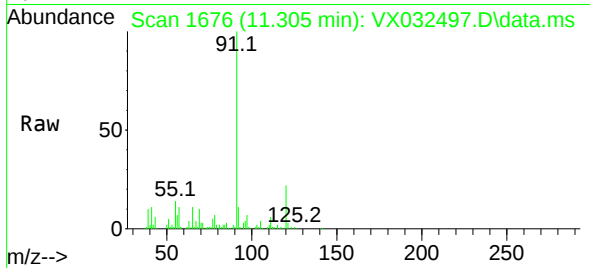
Tgt Ion:105 Resp: 27774
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.3





#78
n-propylbenzene
Concen: 4.640 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

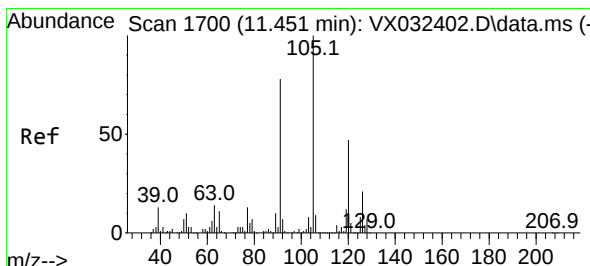
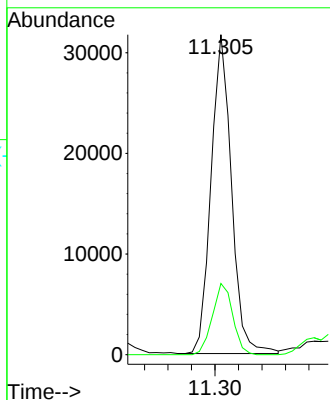
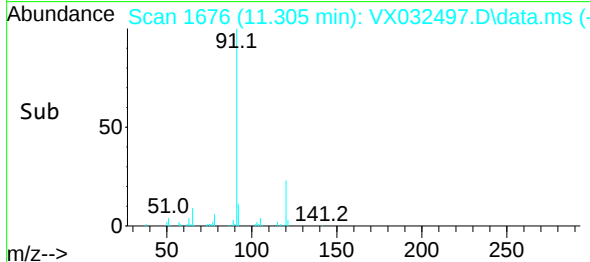
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-07-00-20DL



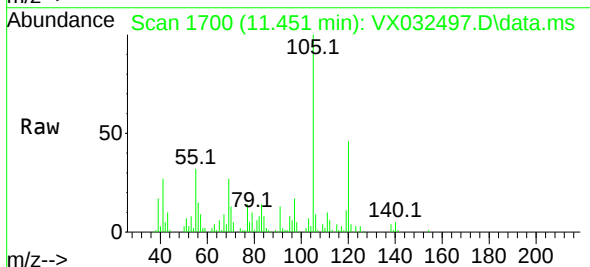
Tgt Ion: 91 Resp: 38274
Ion Ratio Lower Upper
91 100
120 22.2 11.6 34.8

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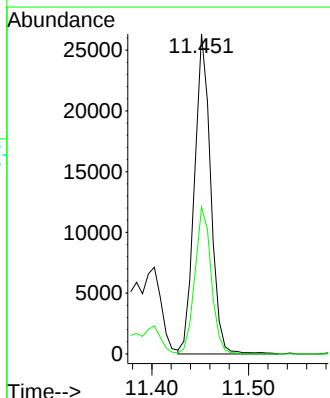
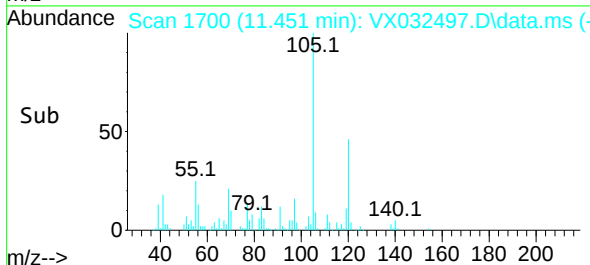
Reviewed By :John Carlone 11/01/2022
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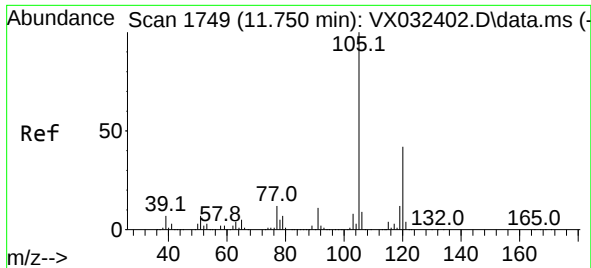


#80
1,3,5-Trimethylbenzene
Concen: 5.017 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49



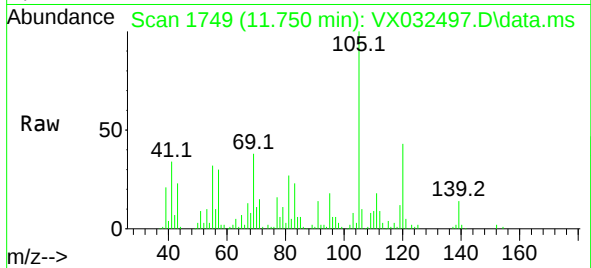
Tgt Ion:105 Resp: 30700
Ion Ratio Lower Upper
105 100
120 46.2 23.6 71.0





#84
1,2,4-Trimethylbenzene
Concen: 6.850 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

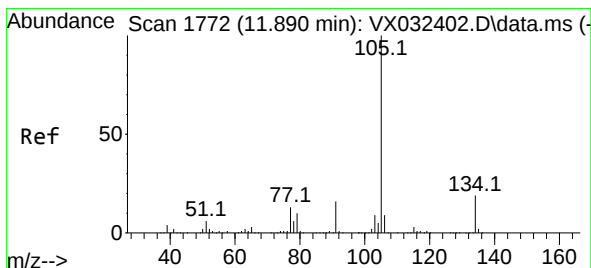
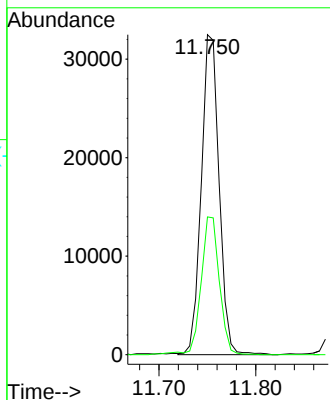
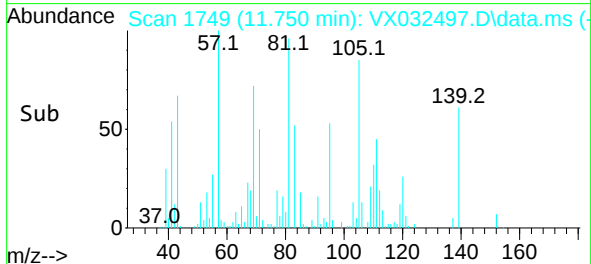
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-07-00-20DL



Tgt Ion:105 Resp: 41690
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.5

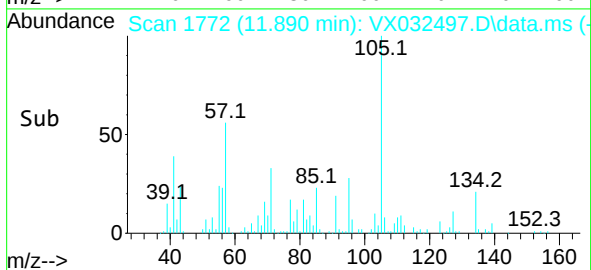
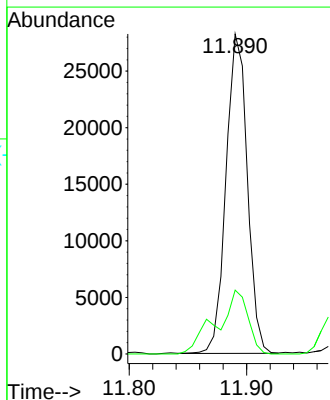
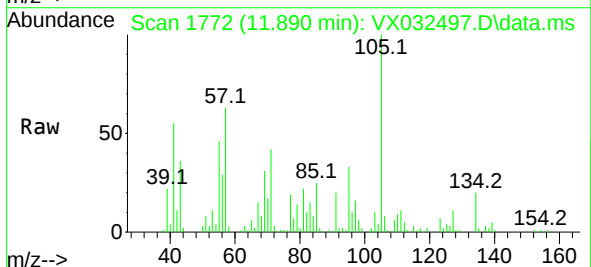
Manual Integrations
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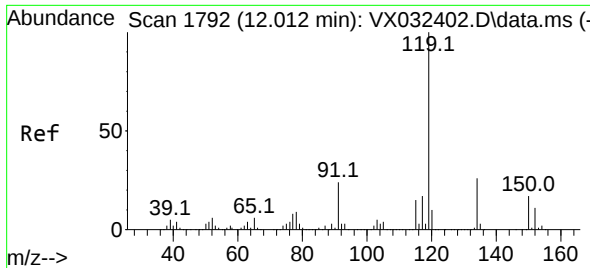
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#85
sec-Butylbenzene
Concen: 4.832 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

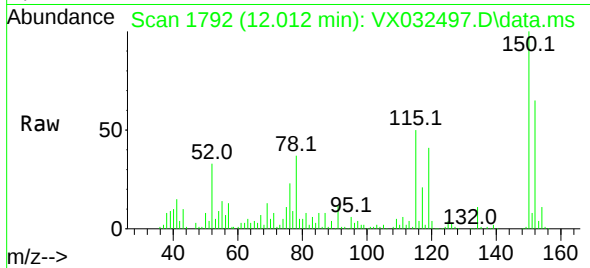
Tgt Ion:105 Resp: 35522
Ion Ratio Lower Upper
105 100
134 29.2 9.9 29.7





#86
p-Isopropyltoluene
Concen: 3.253 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

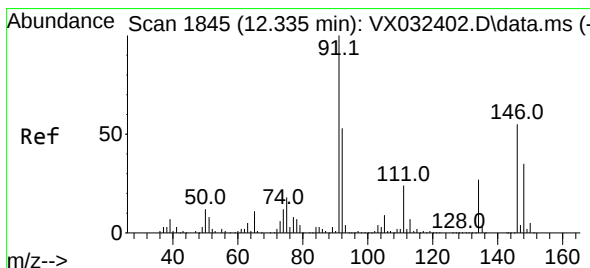
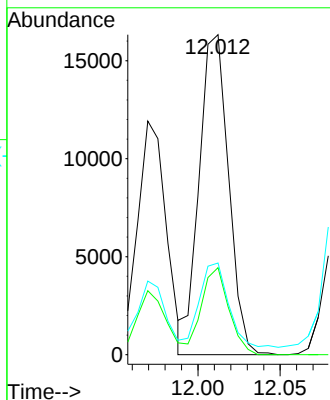
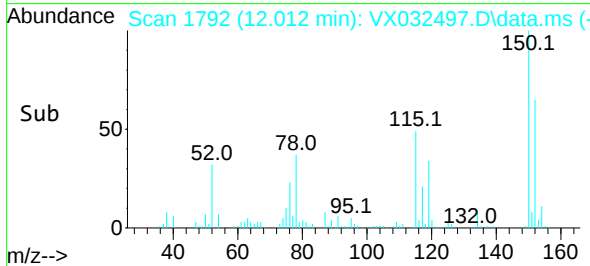
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-07-00-20DL



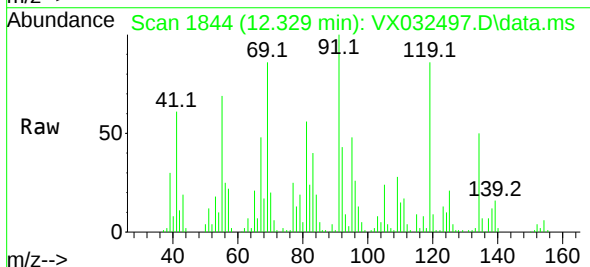
Tgt Ion:119 Resp: 20290
Ion Ratio Lower Upper
119 100
134 24.9 12.9 38.7
91 26.0 12.5 37.5

Manual Integrations
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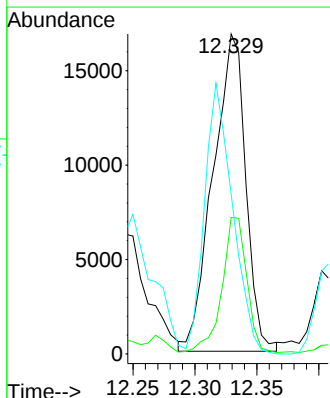
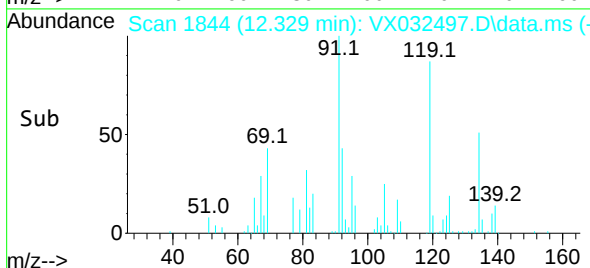
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

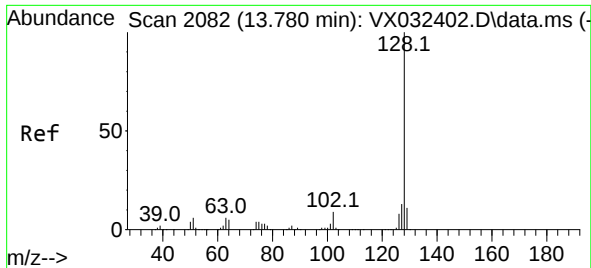


#89
n-Butylbenzene
Concen: 5.683 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49



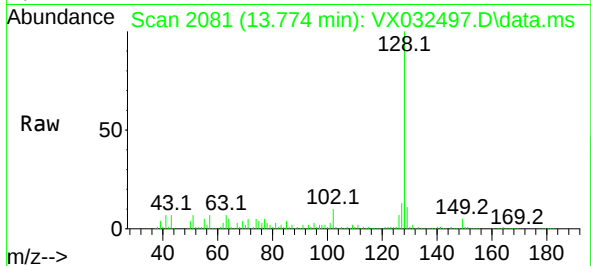
Tgt Ion: 91 Resp: 30838
Ion Ratio Lower Upper
91 100
92 0.0 26.2 78.6#
134 0.0 12.9 38.6#





#95
Naphthalene
Concen: 18.614 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032497.D
Acq: 31 Oct 2022 18:49

Instrument : MSVOA_X
ClientSampleId : LSP-SS-07-00-20DL



Tgt Ion:128 Resp: 13203
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 13.2 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

