

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
 Data File : VX033616.D
 Acq On : 04 Jan 2023 13:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 04:49:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	176640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91312	45.792	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.580%		
35) Dibromofluoromethane	5.385	113	77572	47.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.880%		
50) Toluene-d8	8.647	98	285725	48.890	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.780%		
62) 4-Bromofluorobenzene	11.079	95	65903	31.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	63.620%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	418	0.287	ug/l	99
7) Trichlorofluoromethane	1.892	101	544	0.242	ug/l #	78
10) Methyl Iodide	2.453	142	720	0.351	ug/l #	89
15) Acrylonitrile	3.081	53	1164	1.314	ug/l	96
17) Carbon Disulfide	2.514	76	6311	3.227	ug/l #	95
21) trans-1,2-Dichloroethene	3.093	96	1047	0.642	ug/l #	82
31) Cyclohexane	5.476	56	782	0.282	ug/l #	73
36) 1,1-Dichloropropene	5.702	75	997	0.450	ug/l	89
39) Methylcyclohexane	7.385	83	981	0.355	ug/l	88
44) Trichloroethene	7.135	130	778	0.421	ug/l	99
46) Dibromomethane	7.586	93	339	0.290	ug/l	91
64) Tetrachloroethene	9.275	164	677	0.629	ug/l #	83
65) Chlorobenzene	10.079	112	833	0.278	ug/l	92
67) Ethyl Benzene	10.195	91	1280	0.245	ug/l	91
68) m/p-Xylenes	10.305	106	1065	0.523	ug/l	97
70) Styrene	10.659	104	793	0.239	ug/l	91
73) Isopropylbenzene	10.963	105	1250	0.258	ug/l	94
77) Bromobenzene	11.201	156	445	0.347	ug/l	91
78) n-propylbenzene	11.305	91	2344	0.427	ug/l	94
79) 2-Chlorotoluene	11.366	91	1230	0.373	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1344	0.337	ug/l	92
82) 4-Chlorotoluene	11.457	91	1812	0.475	ug/l	99
83) tert-Butylbenzene	11.713	119	1205	0.289	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1394	0.348	ug/l	86
85) sec-Butylbenzene	11.890	105	2099	0.427	ug/l	98
86) p-Isopropyltoluene	12.012	119	1820	0.433	ug/l #	74
87) 1,3-Dichlorobenzene	11.969	146	1514	0.656	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	1925m	0.852	ug/l	
89) n-Butylbenzene	12.335	91	2762	0.786	ug/l	93
90) Hexachloroethane	12.542	117	195	0.288	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	1012	0.459	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	2033	2.882	ug/l	90
94) Hexachlorobutadiene	13.725	225	1727	2.561	ug/l	99
95) Naphthalene	13.780	128	4374	3.967	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2121	4.978	ug/l	94

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Response via : Initial Calibration

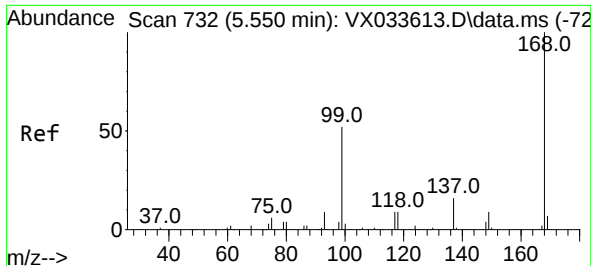
Instrument :
MSVOA_X
ClientSampleId :
IBLK

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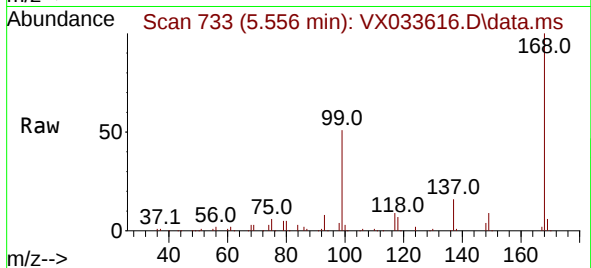
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

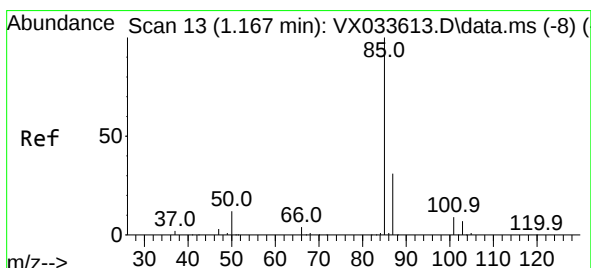
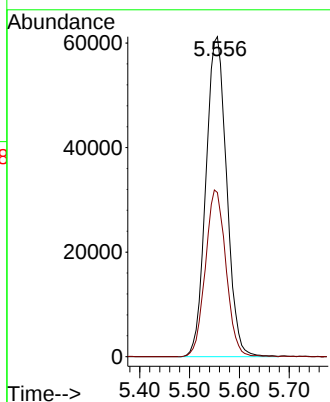
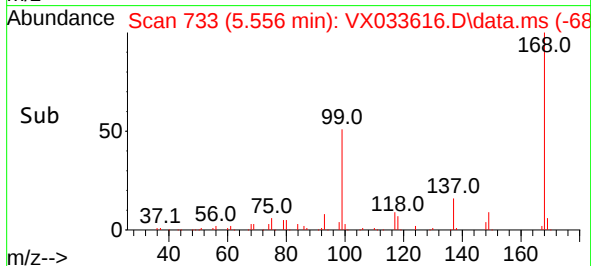
Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:168 Resp: 176640
Ion Ratio Lower Upper
168 100
99 51.3 41.4 62.2

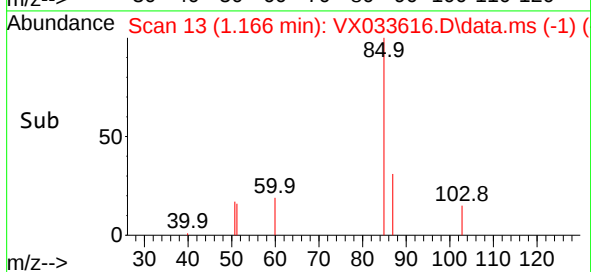
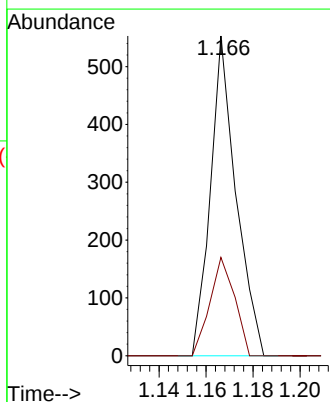
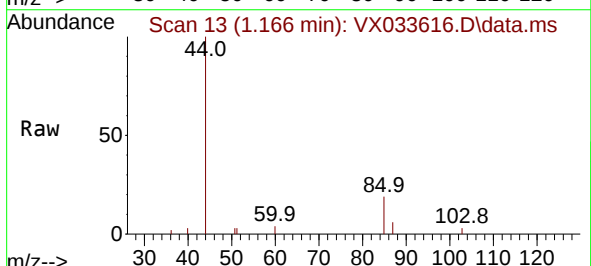
Manual Integrations
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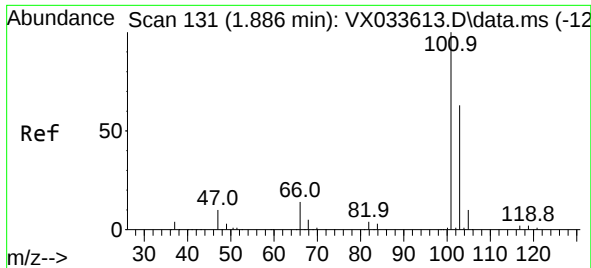
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#2
Dichlorodifluoromethane
Concen: 0.287 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

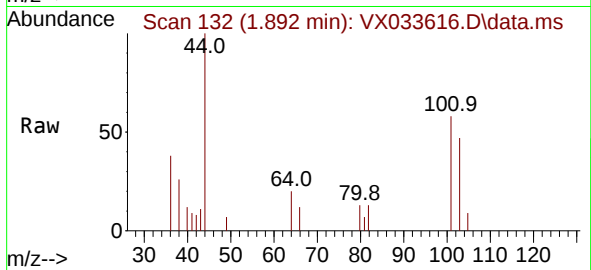
Tgt Ion: 85 Resp: 418
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0





#7
Trichlorofluoromethane
Concen: 0.242 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

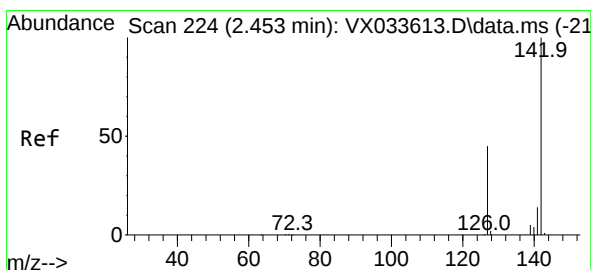
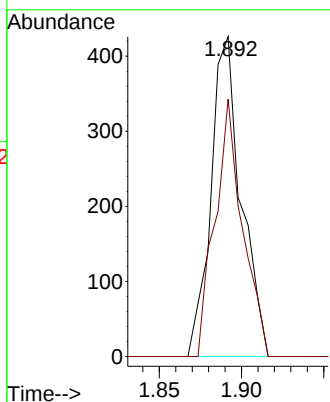
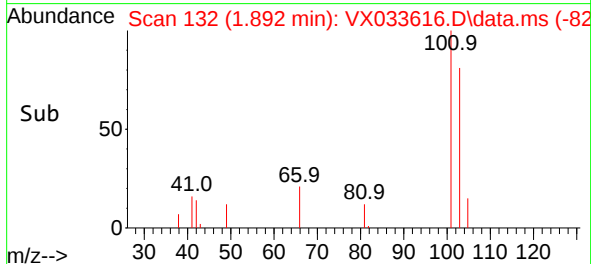
Instrument :
MSVOA_X
ClientSampleId :
IBLK



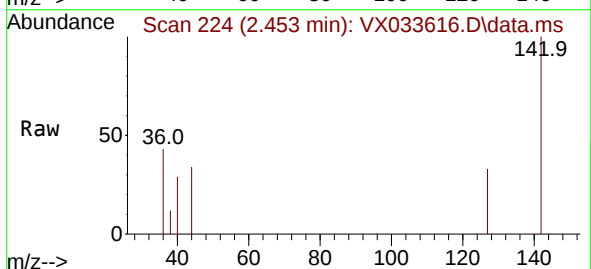
Tgt Ion:101 Resp: 544
Ion Ratio Lower Upper
101 100
103 80.5 50.6 75.8

Manual Integrations
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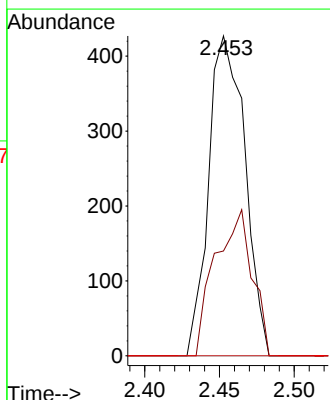
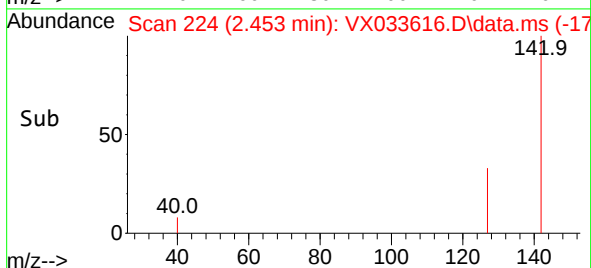
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

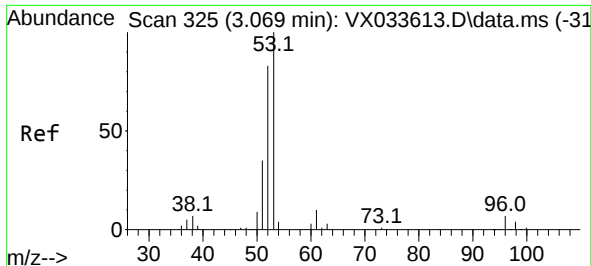


#10
Methyl Iodide
Concen: 0.351 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24



Tgt Ion:142 Resp: 720
Ion Ratio Lower Upper
142 100
127 46.7 35.7 53.5
141 0.0 11.6 17.4





#15

Acrylonitrile

Concen: 1.314 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 53 Resp: 1164

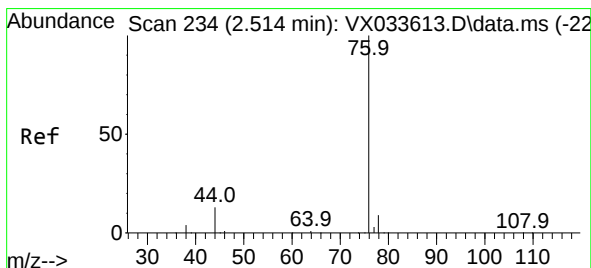
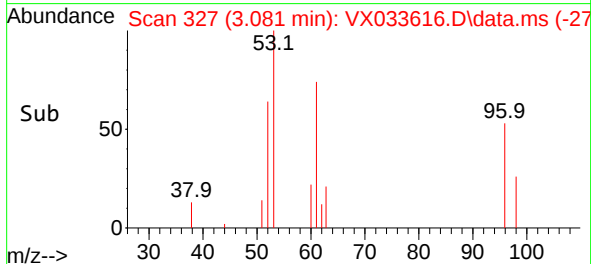
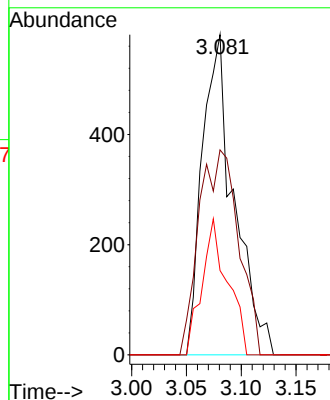
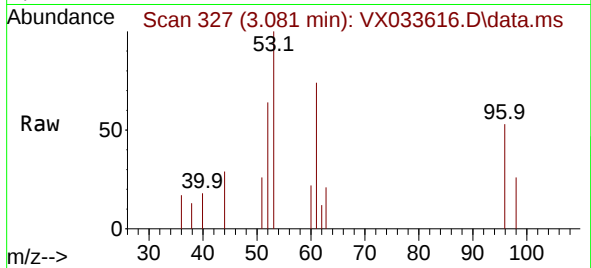
Ion	Ratio	Lower	Upper
53	100		
52	80.6	66.7	100.1
51	34.4	29.8	44.8

Manual Integrations

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Supervised By :Mahesh Dadoda 01/05/2023



#17

Carbon Disulfide

Concen: 3.227 ug/l

RT: 2.514 min Scan# 234

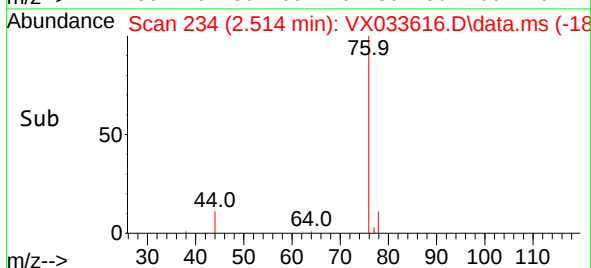
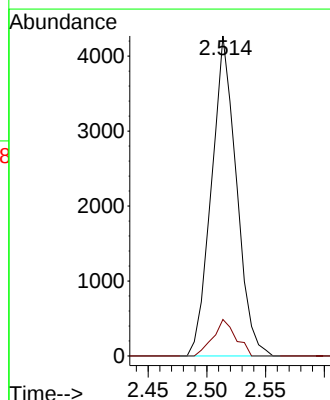
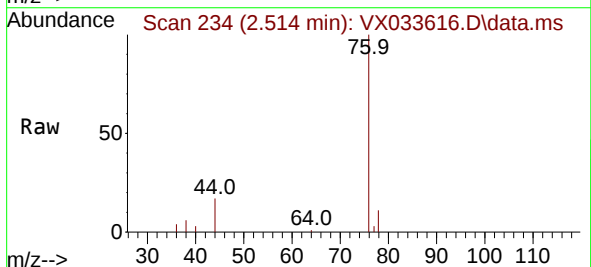
Delta R.T. -0.000 min

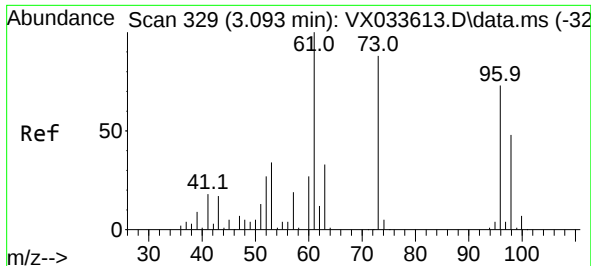
Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Tgt Ion: 76 Resp: 6311

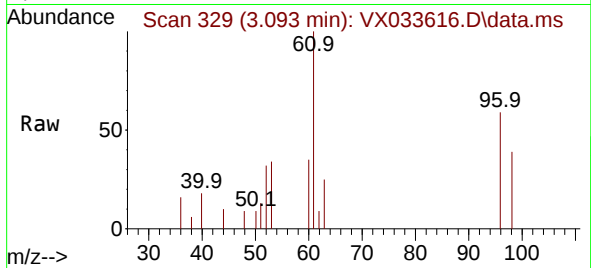
Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.6	11.4#





#21
trans-1,2-Dichloroethene
Concen: 0.642 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

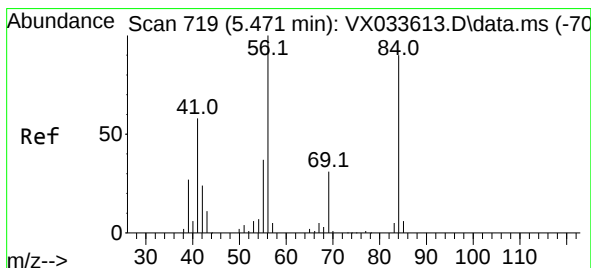
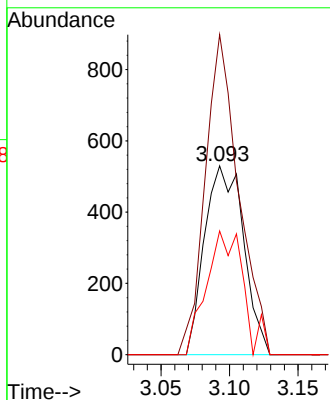
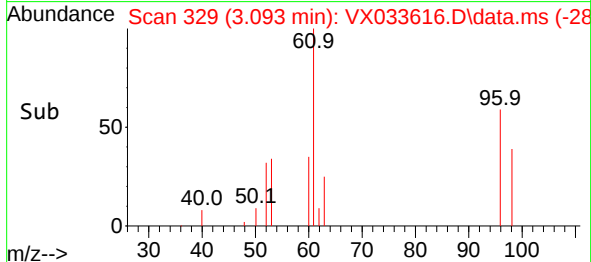
Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 96 Resp: 104
Ion Ratio Lower Upper
96 100
61 169.4 109.7 164.5
98 65.5 52.2 78.2

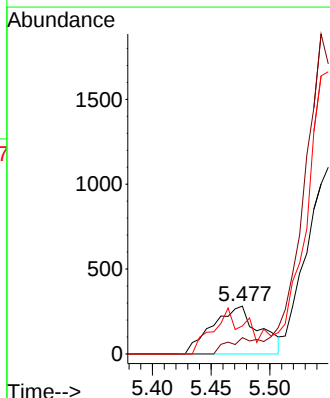
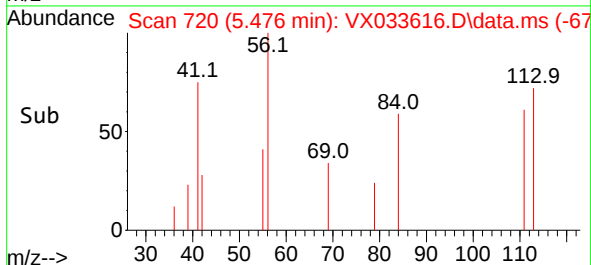
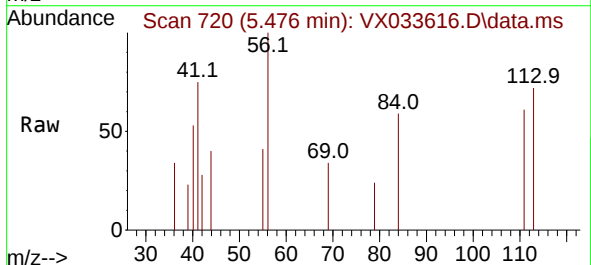
Manual Integrations
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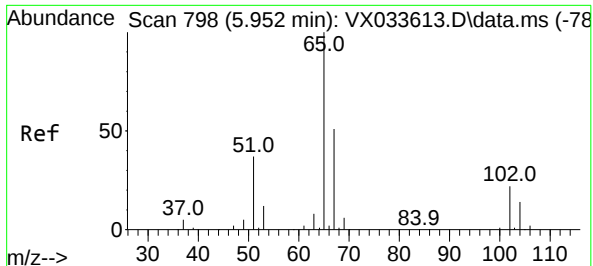
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#31
Cyclohexane
Concen: 0.282 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 56 Resp: 782
Ion Ratio Lower Upper
56 100
69 34.0 24.6 36.8
84 58.5 72.2 108.2#





#33

1,2-Dichloroethane-d4

Concen: 45.792 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 65 Resp: 91312

Ion Ratio Lower Upper

65 100

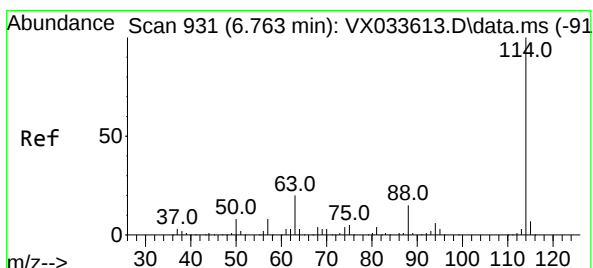
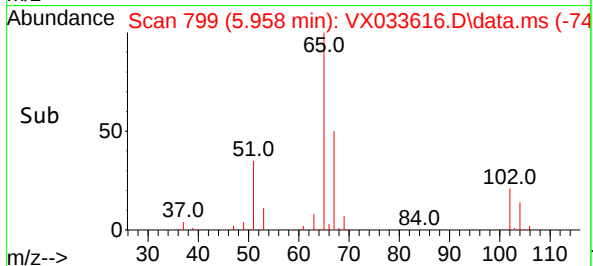
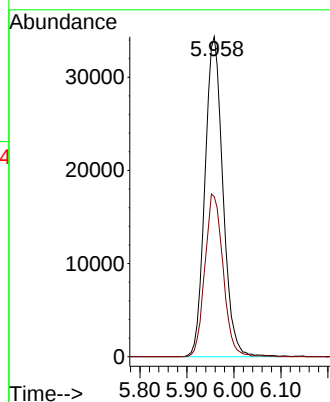
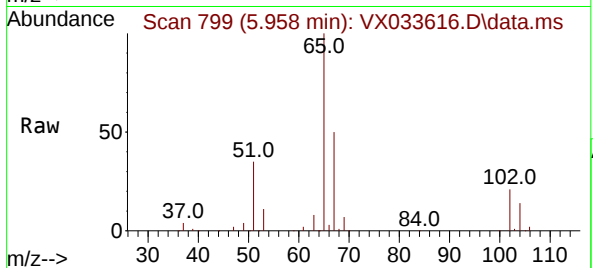
67 51.2 0.0 104.8

Manual Integrations

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Supervised By :Mahesh Dadoda 01/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

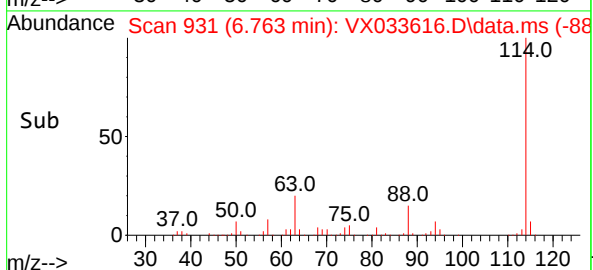
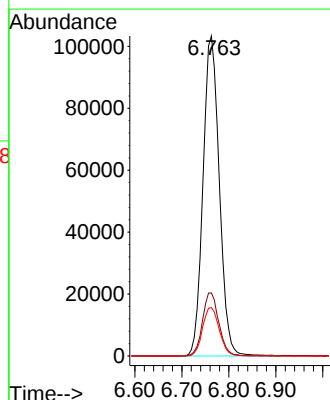
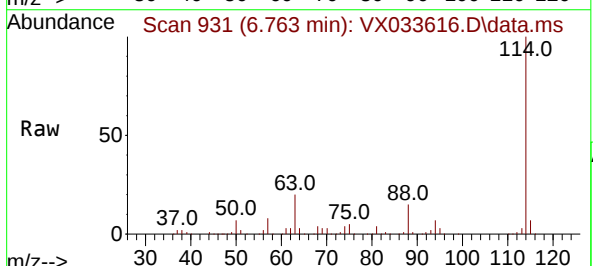
Tgt Ion:114 Resp: 248762

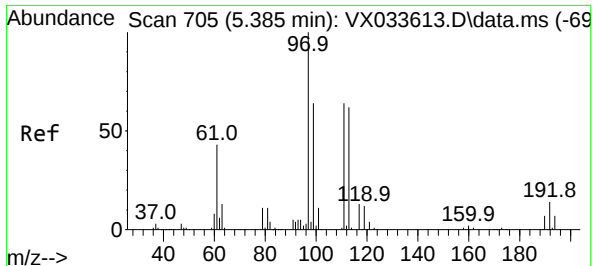
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.442 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

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ClientSampleId :

IBLK

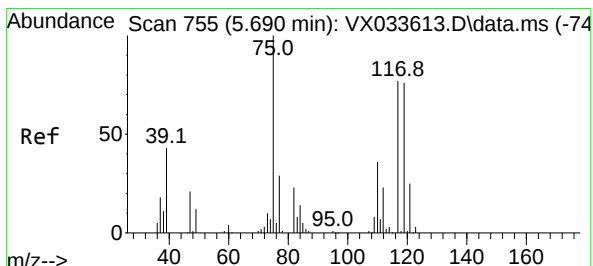
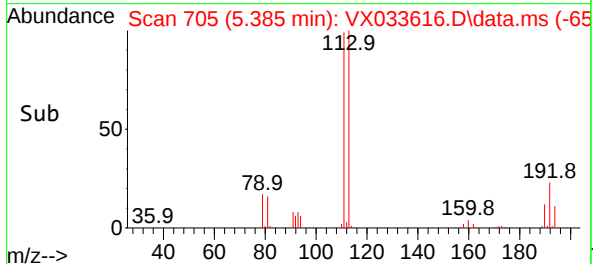
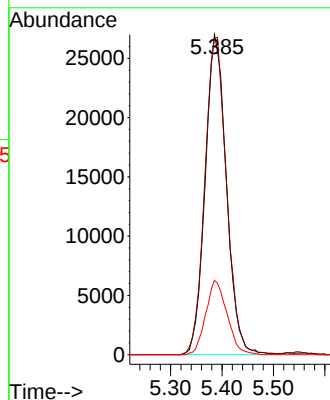
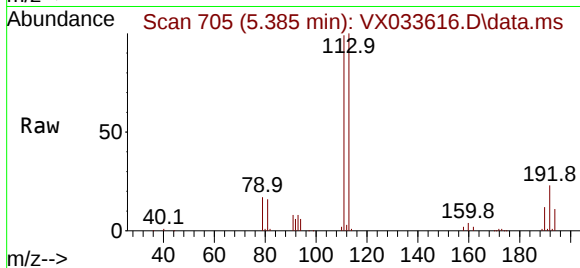
Tgt Ion:	113	Resp:	7757
Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.2	121.8
192	23.3	18.2	27.2

Manual Integrations

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Supervised By :Mahesh Dadoda 01/05/2023



#36

1,1-Dichloropropene

Concen: 0.450 ug/l

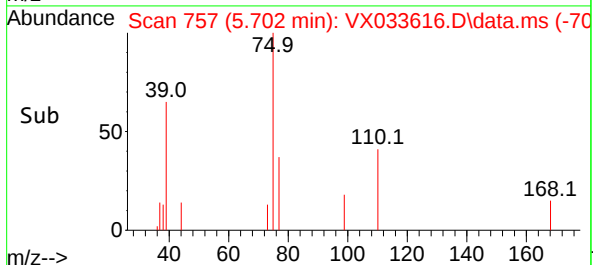
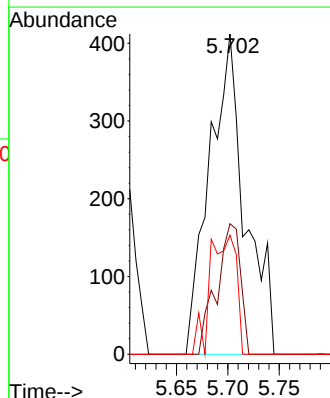
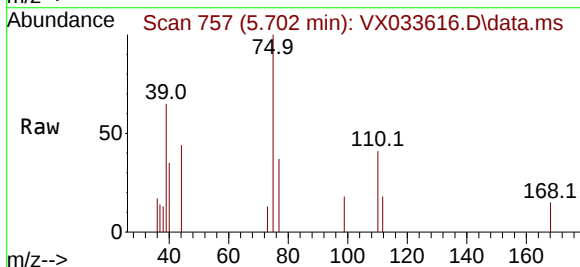
RT: 5.702 min Scan# 757

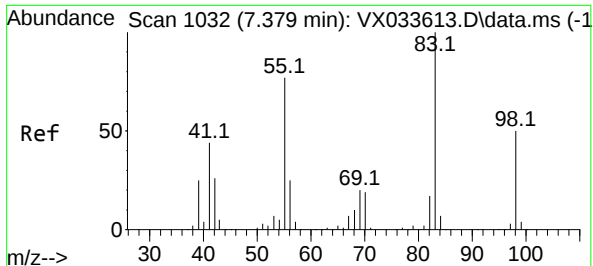
Delta R.T. 0.012 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Tgt Ion:	75	Resp:	997
Ion	Ratio	Lower	Upper
75	100		
110	27.2	18.0	54.0
77	27.3	24.5	36.7





#39

Methylcyclohexane

Concen: 0.355 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 83 Resp: 98

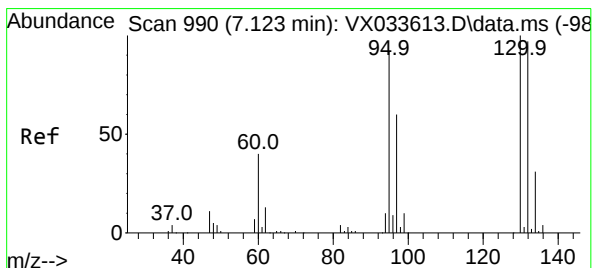
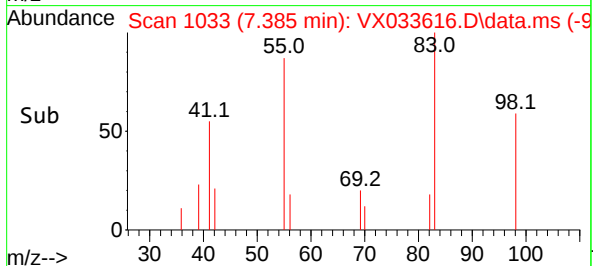
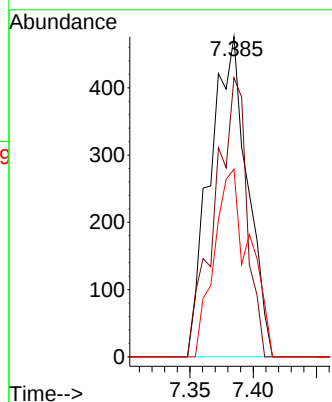
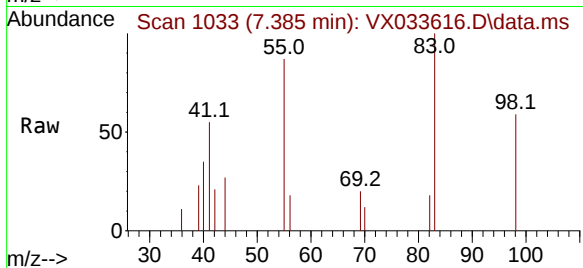
Ion	Ratio	Lower	Upper
83	100		
55	87.2	61.4	92.2
98	58.6	40.2	60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#44

Trichloroethene

Concen: 0.421 ug/l

RT: 7.135 min Scan# 992

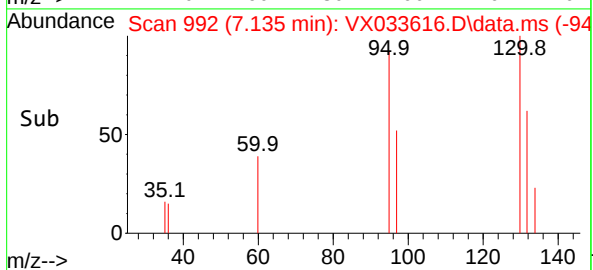
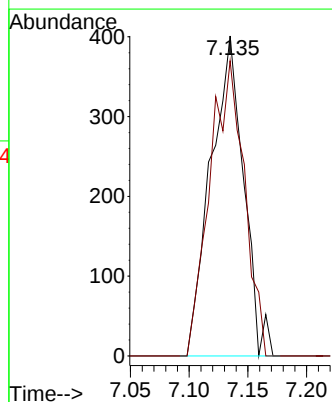
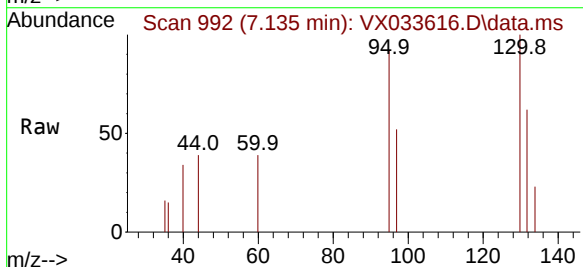
Delta R.T. 0.012 min

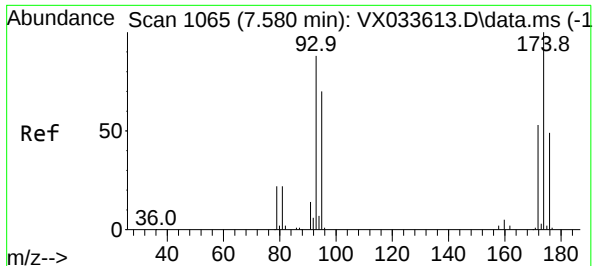
Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Tgt Ion:130 Resp: 778

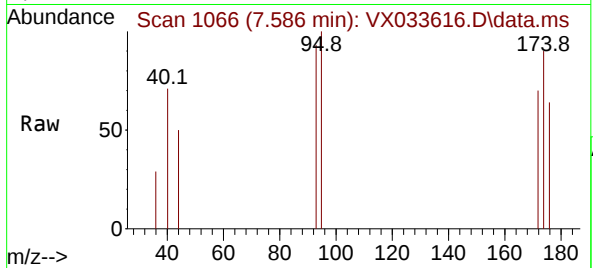
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	183.0





#46
Dibromomethane
Concen: 0.290 ug/l
RT: 7.586 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

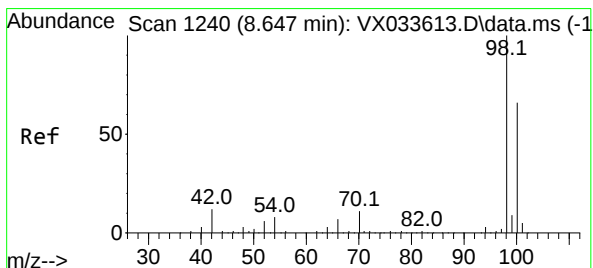
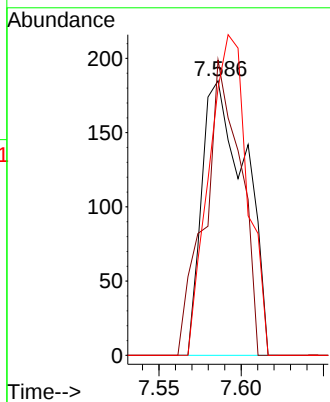
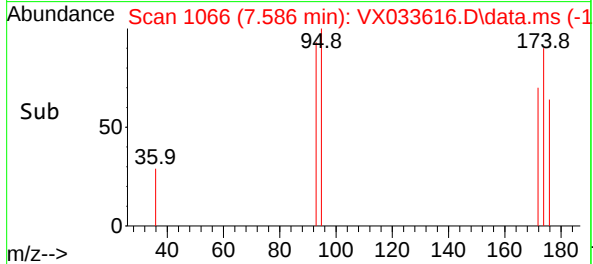
Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 93 Resp: 339
Ion Ratio Lower Upper
93 100
95 88.8 65.7 98.5
174 103.8 92.5 138.7

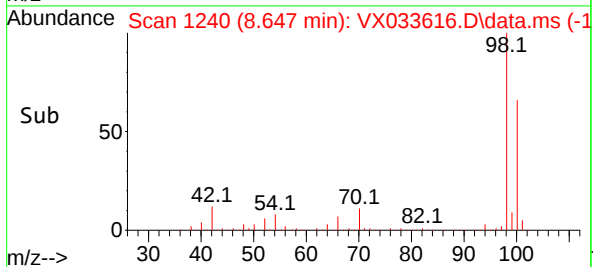
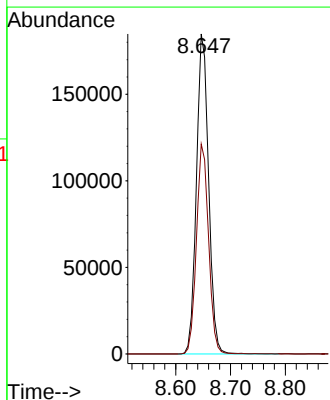
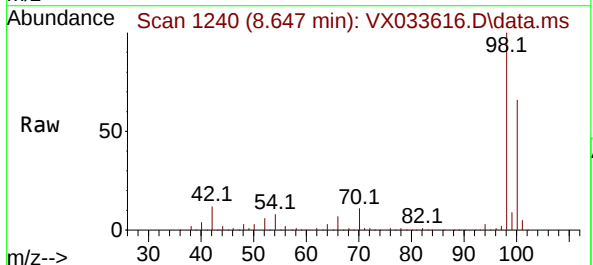
Manual Integrations
APPROVED

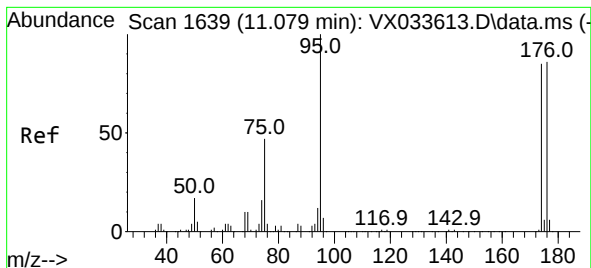
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#50
Toluene-d8
Concen: 48.890 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

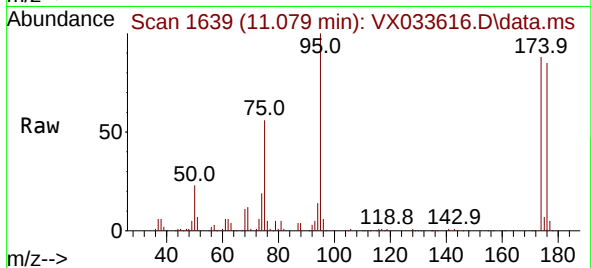
Tgt Ion: 98 Resp: 285725
Ion Ratio Lower Upper
98 100
100 65.5 53.6 80.4





#62
4-Bromofluorobenzene
Concen: 31.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

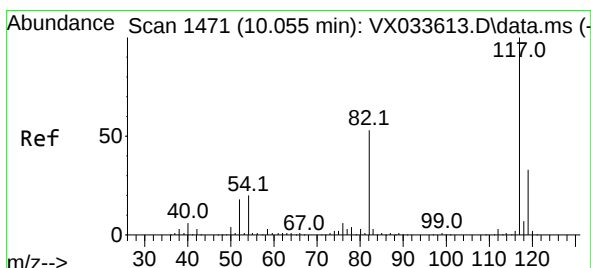
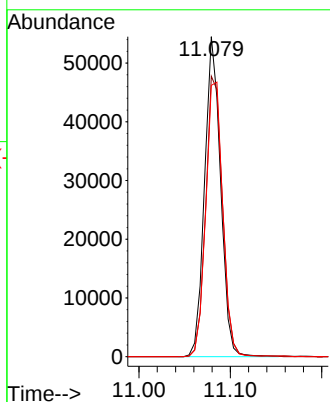
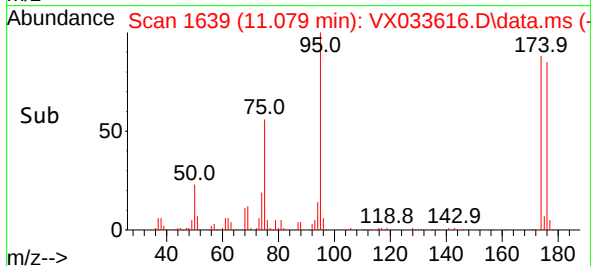
Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 95 Resp: 6590
Ion Ratio Lower Upper
95 100
174 92.2 0.0 180.4
176 91.8 0.0 176.2

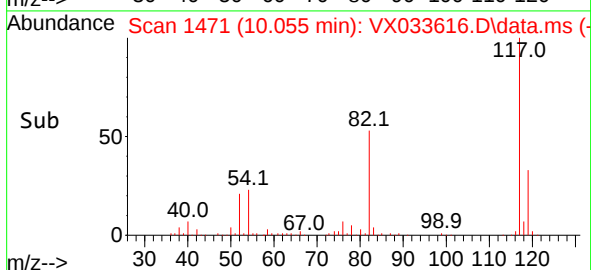
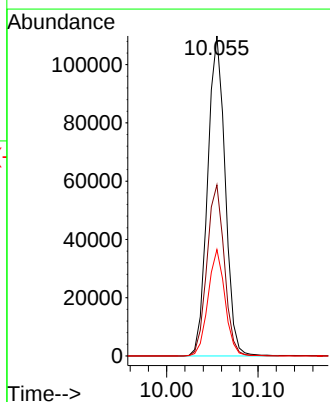
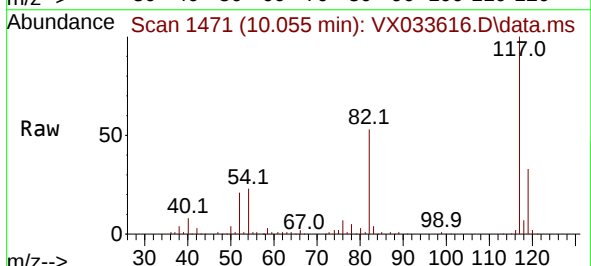
Manual Integrations
APPROVED

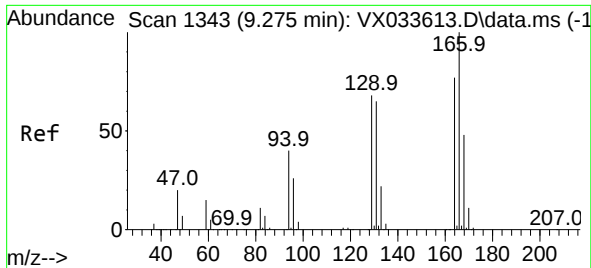
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

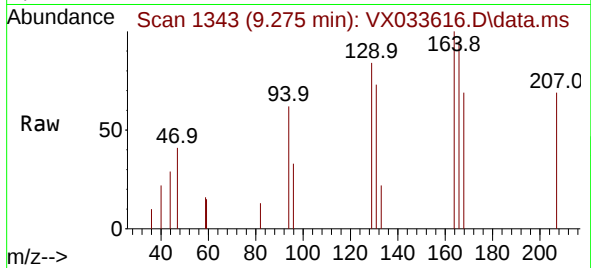
Tgt Ion:117 Resp: 146170
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.2
119 33.3 26.2 39.4





#64
Tetrachloroethene
Concen: 0.629 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

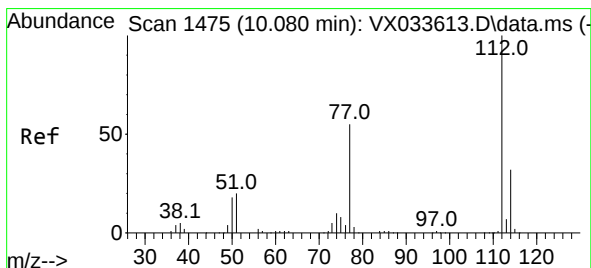
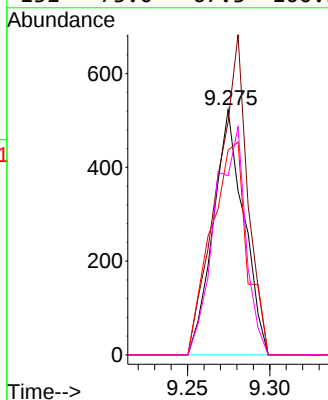
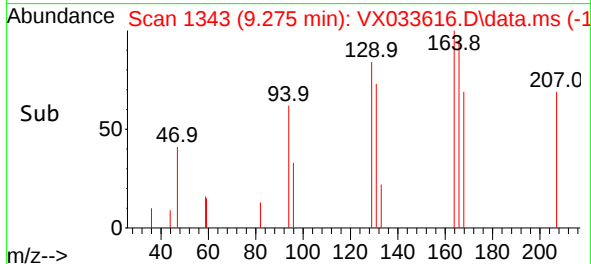
Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:164 Resp: 67.3
Ion Ratio Lower Upper
164 100
166 95.0 103.4 155.0
129 83.6 70.0 105.0
131 73.0 67.3 100.9

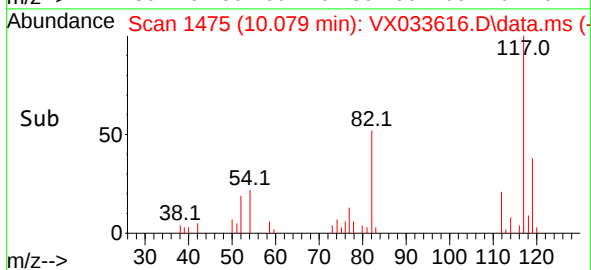
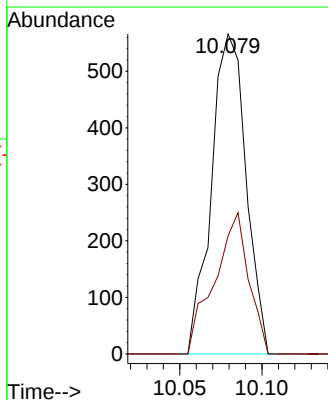
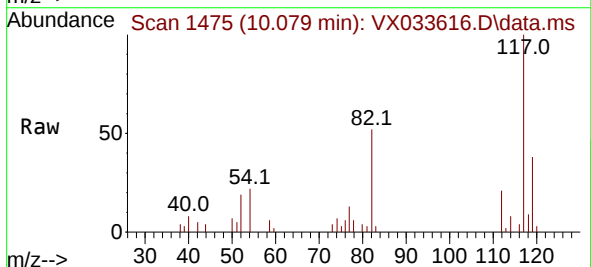
Manual Integrations
APPROVED

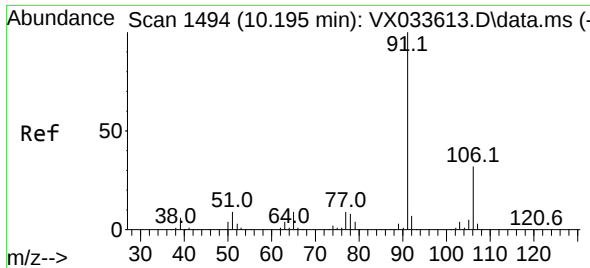
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#65
Chlorobenzene
Concen: 0.278 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

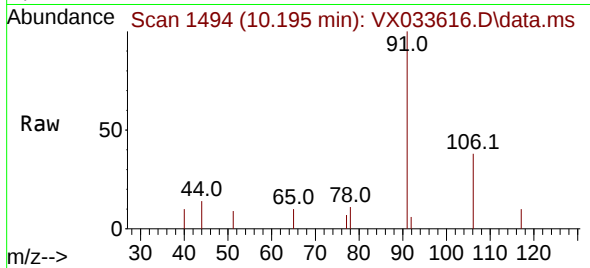
Tgt Ion:112 Resp: 833
Ion Ratio Lower Upper
112 100
114 36.9 25.8 38.6





#67
Ethyl Benzene
Concen: 0.245 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

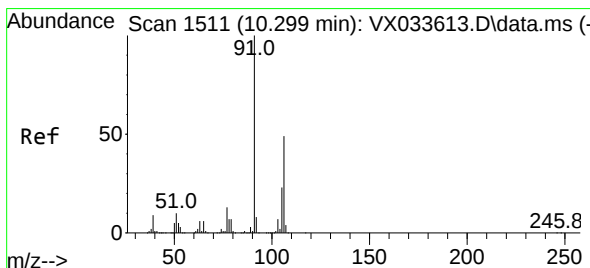
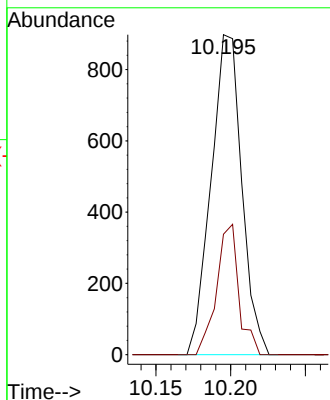
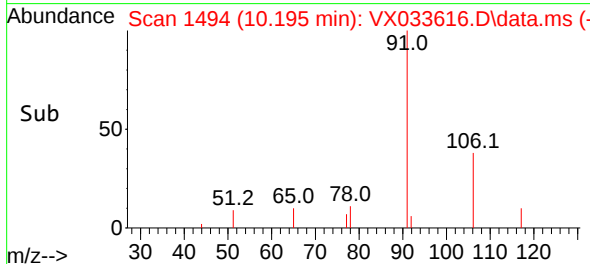
Instrument : MSVOA_X
ClientSampleId : IBLK



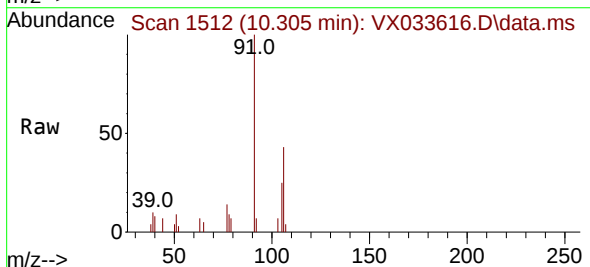
Tgt Ion: 91 Resp: 1280
Ion Ratio Lower Upper
91 100
106 37.6 25.9 38.9

Manual Integrations
APPROVED

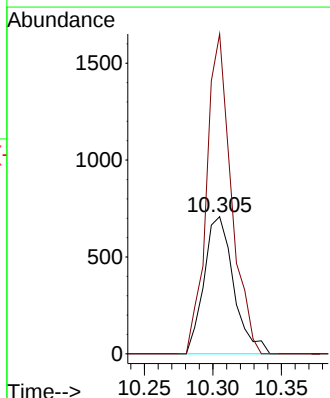
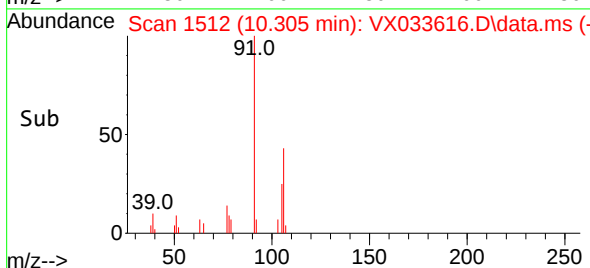
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

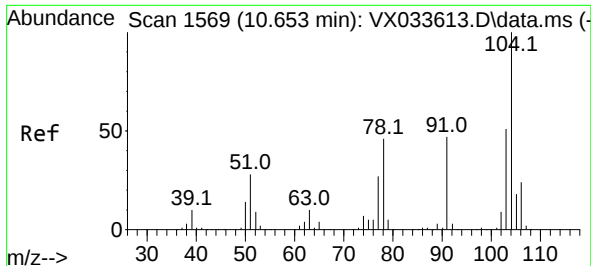


#68
m/p-Xylenes
Concen: 0.523 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24



Tgt Ion:106 Resp: 1065
Ion Ratio Lower Upper
106 100
91 195.0 159.6 239.4





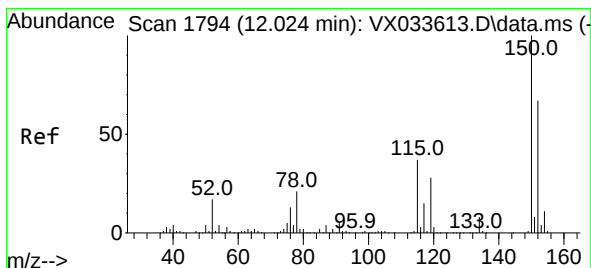
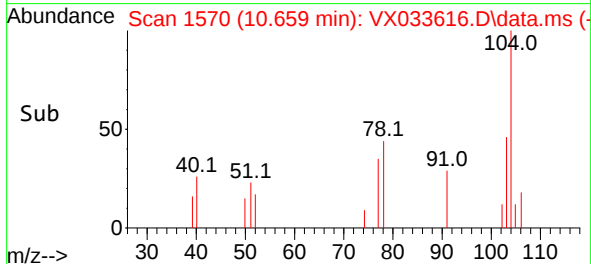
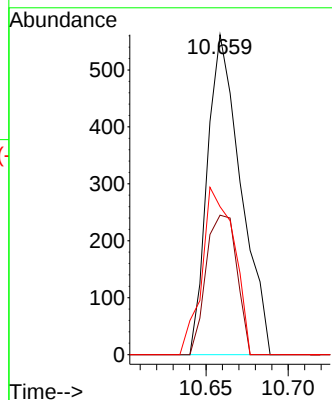
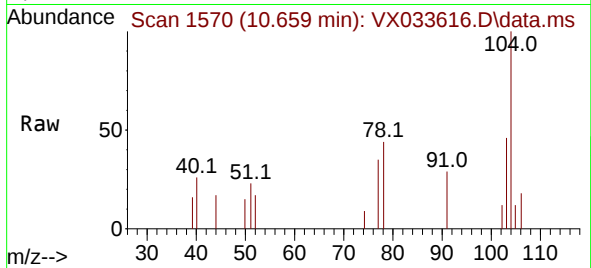
#70
Styrene
Concen: 0.239 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:104 Resp: 79
Ion Ratio Lower Upper
104 100
78 40.2 39.3 58.9
103 50.2 43.3 64.9

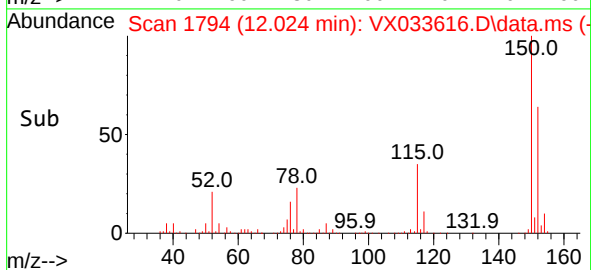
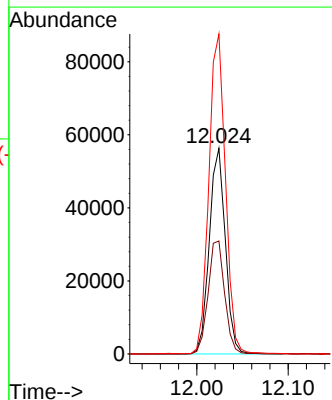
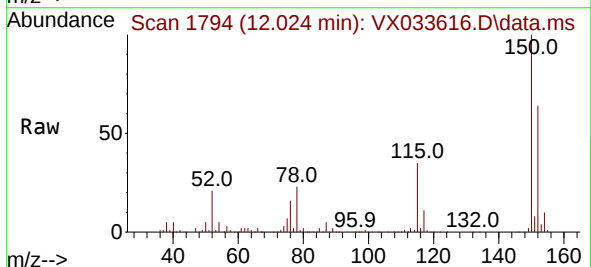
Manual Integrations
APPROVED

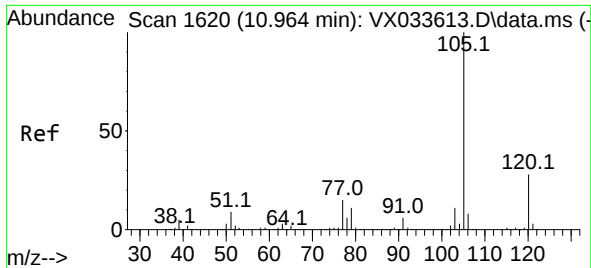
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

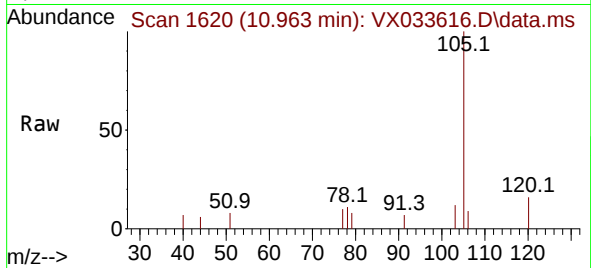
Tgt Ion:152 Resp: 68643
Ion Ratio Lower Upper
152 100
115 56.8 38.5 115.5
150 160.7 0.0 340.4





#73
Isopropylbenzene
Concen: 0.258 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

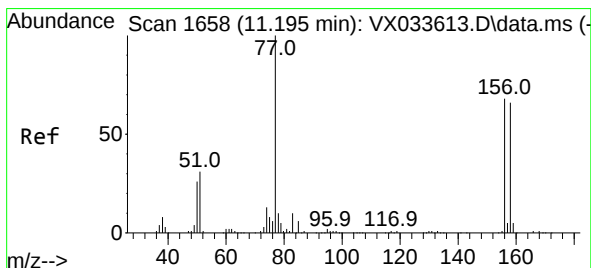
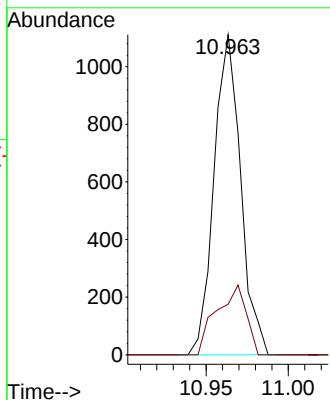
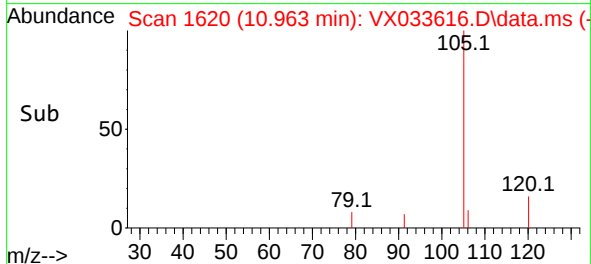
Instrument :
MSVOA_X
ClientSampleId :
IBLK



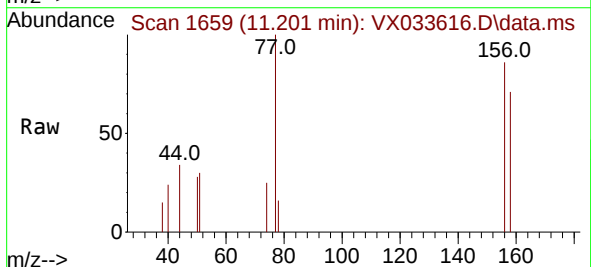
Tgt Ion:105 Resp: 1250
Ion Ratio Lower Upper
105 100
120 24.2 13.7 41.0

Manual Integrations
APPROVED

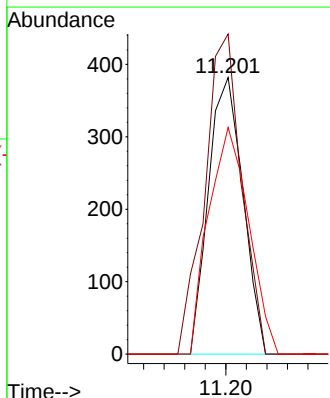
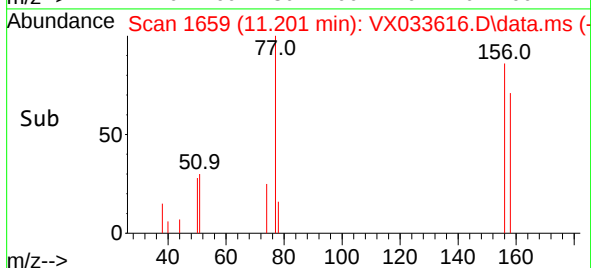
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

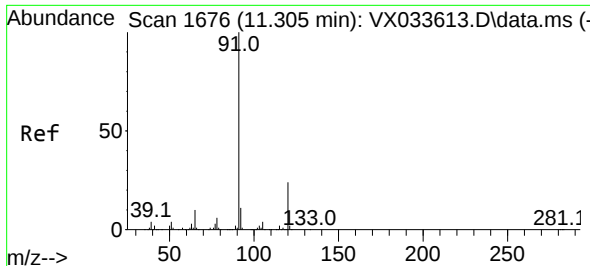


#77
Bromobenzene
Concen: 0.347 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24



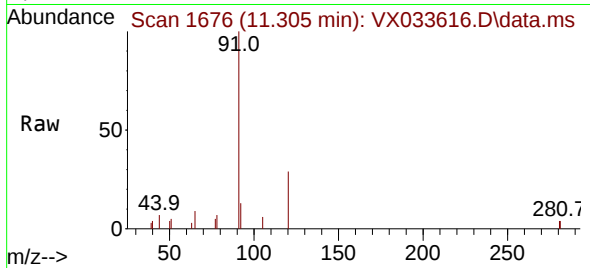
Tgt Ion:156 Resp: 445
Ion Ratio Lower Upper
156 100
77 123.6 70.9 212.6
158 95.5 48.3 144.9





#78
n-propylbenzene
Concen: 0.427 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

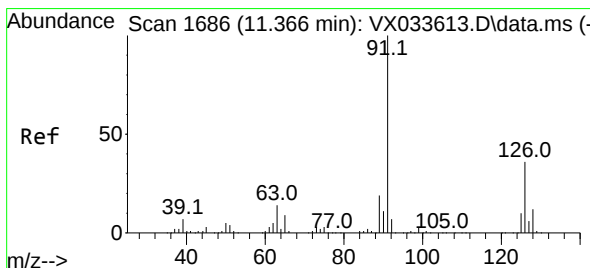
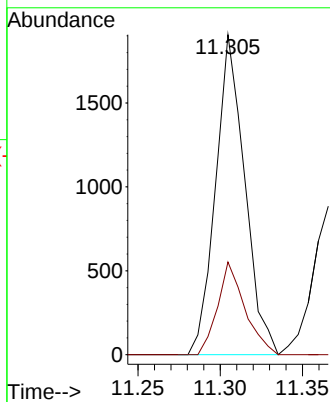
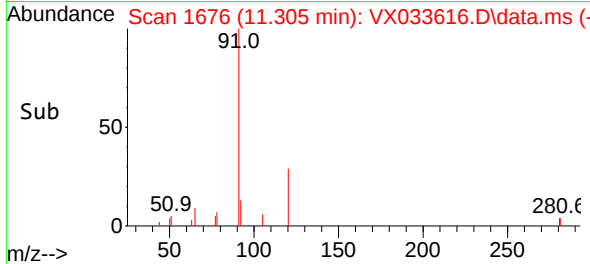
Instrument :
MSVOA_X
ClientSampleId :
IBLK



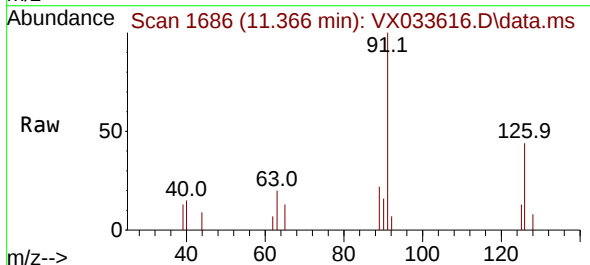
Tgt Ion: 91 Resp: 2344
Ion Ratio Lower Upper
91 100
120 27.1 12.2 36.6

Manual Integrations
APPROVED

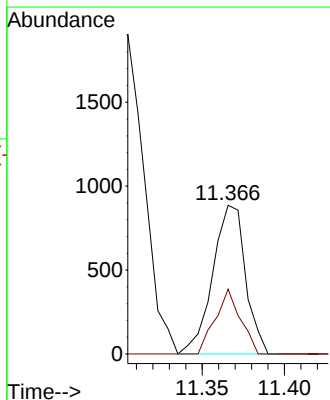
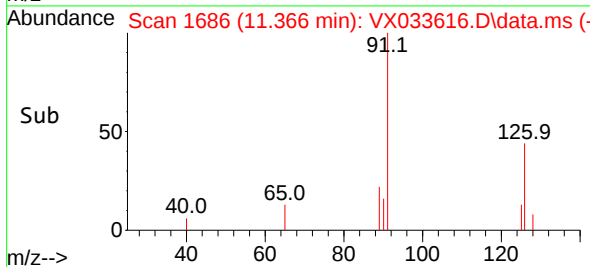
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

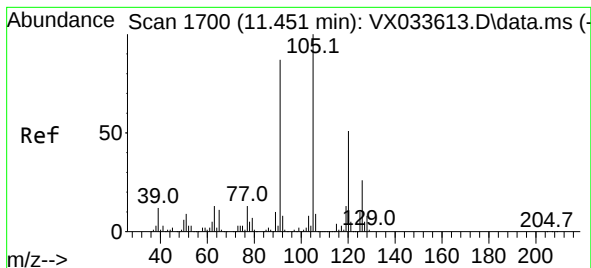


#79
2-Chlorotoluene
Concen: 0.373 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24



Tgt Ion: 91 Resp: 1230
Ion Ratio Lower Upper
91 100
126 33.4 17.6 52.9





#80

1,3,5-Trimethylbenzene

Concen: 0.337 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

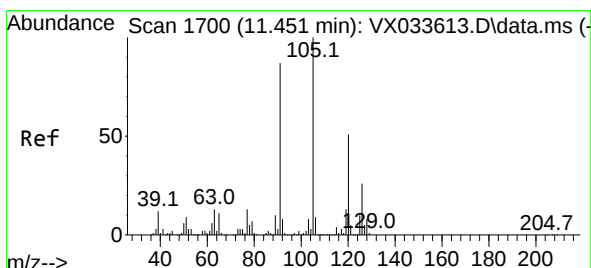
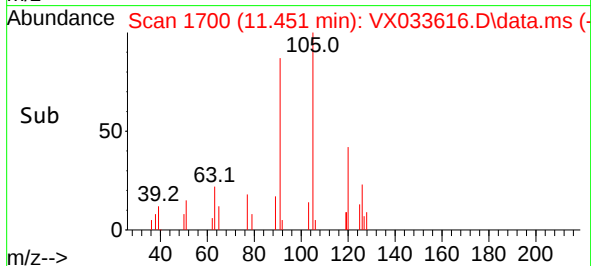
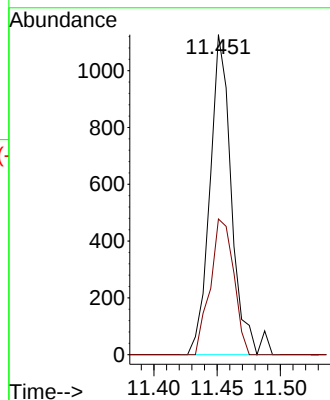
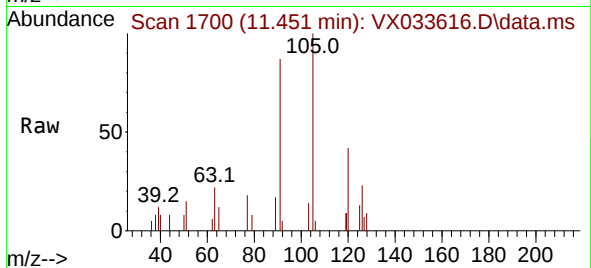
Tgt Ion:105 Resp: 1344
 Ion Ratio Lower Upper
 105 100
 120 45.6 25.5 76.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#82

4-Chlorotoluene

Concen: 0.475 ug/l

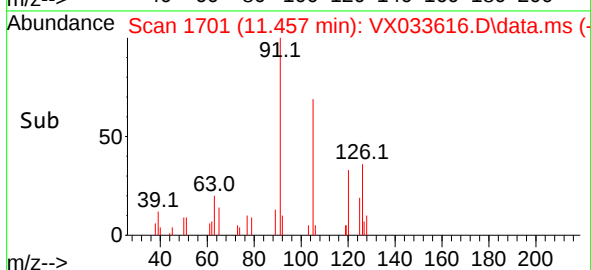
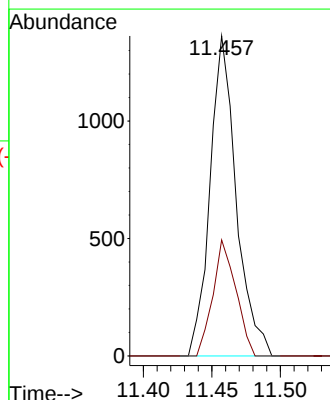
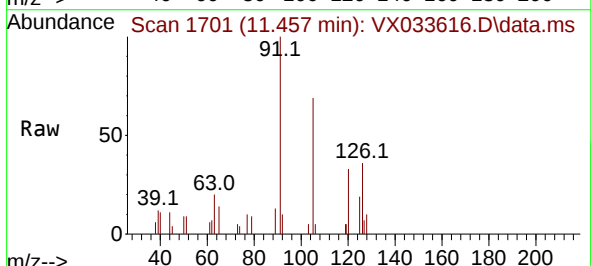
RT: 11.457 min Scan# 1701

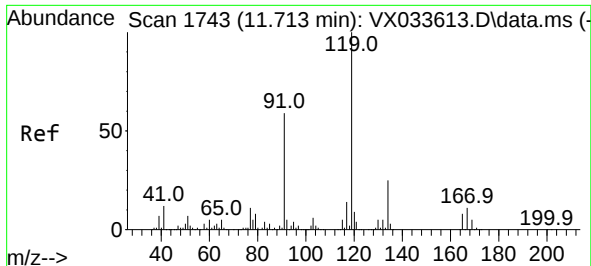
Delta R.T. 0.006 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

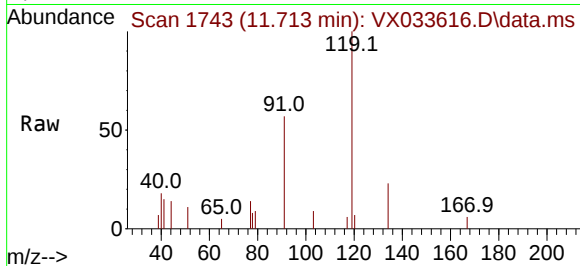
Tgt Ion: 91 Resp: 1812
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.0





#83
tert-Butylbenzene
Concen: 0.289 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

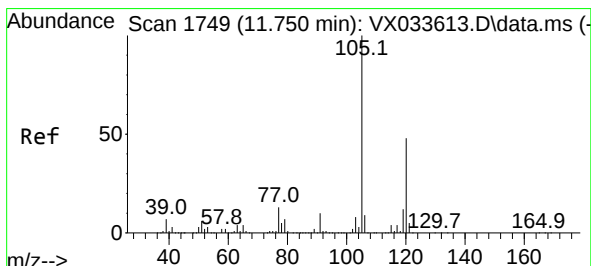
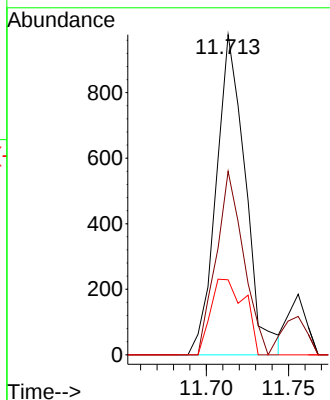
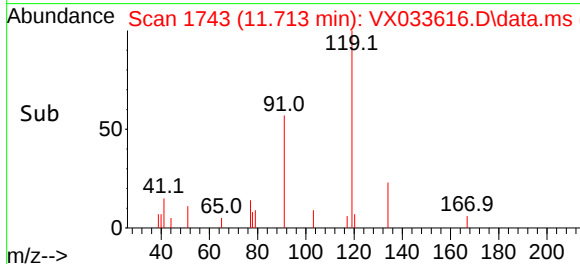
Instrument :
MSVOA_X
ClientSampleId :
IBLK



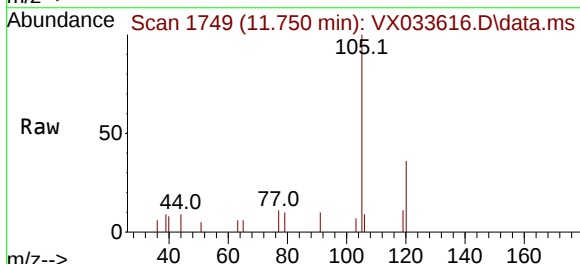
Tgt Ion:119 Resp: 1209
Ion Ratio Lower Upper
119 100
91 53.7 27.9 83.6
134 27.4 12.2 36.6

Manual Integrations
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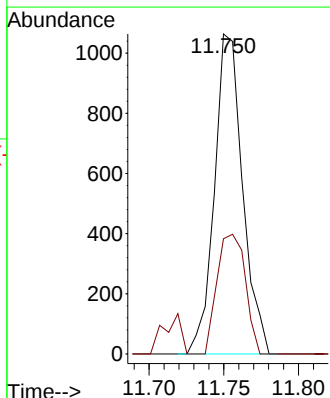
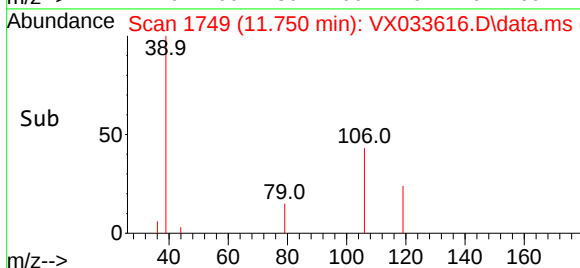
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

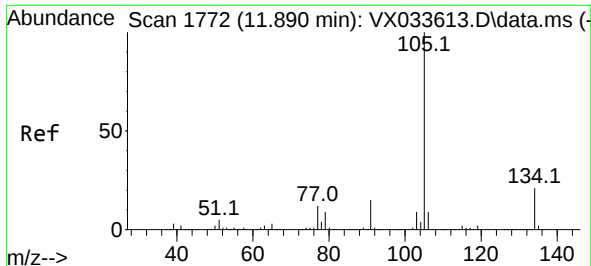


#84
1,2,4-Trimethylbenzene
Concen: 0.348 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24



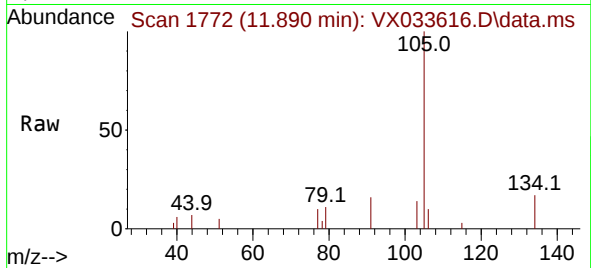
Tgt Ion:105 Resp: 1394
Ion Ratio Lower Upper
105 100
120 37.5 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 0.427 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033616.D
 Acq: 04 Jan 2023 13:24

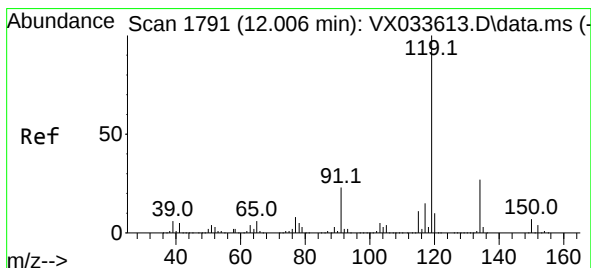
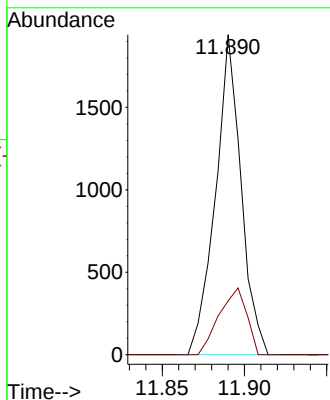
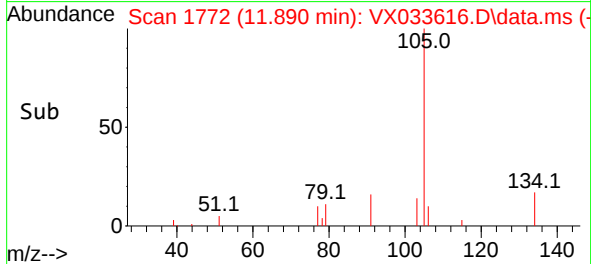
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



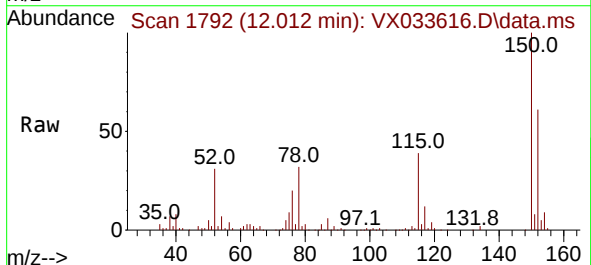
Tgt Ion:105 Resp: 209
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.8 32.4

Manual Integrations
 APPROVED

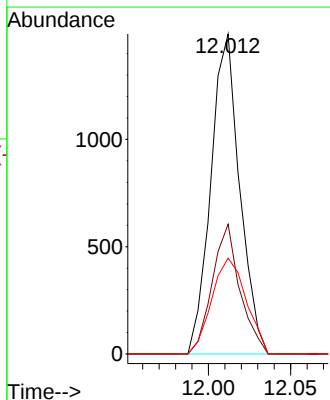
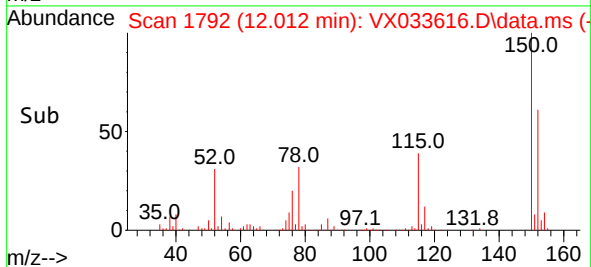
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023

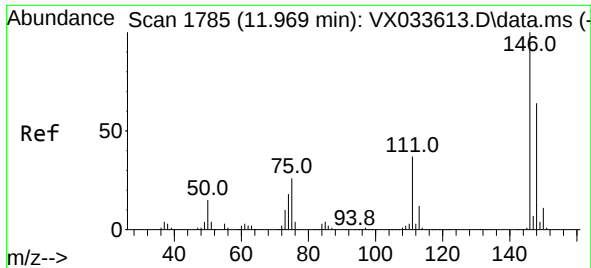


#86
 p-Isopropyltoluene
 Concen: 0.433 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033616.D
 Acq: 04 Jan 2023 13:24



Tgt Ion:119 Resp: 1820
 Ion Ratio Lower Upper
 119 100
 134 39.0 13.4 40.2
 91 35.8 11.2 33.6#





#87

1,3-Dichlorobenzene

Concen: 0.656 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

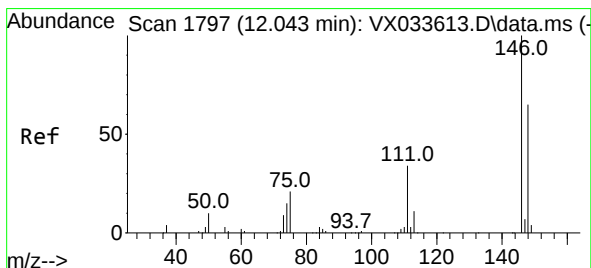
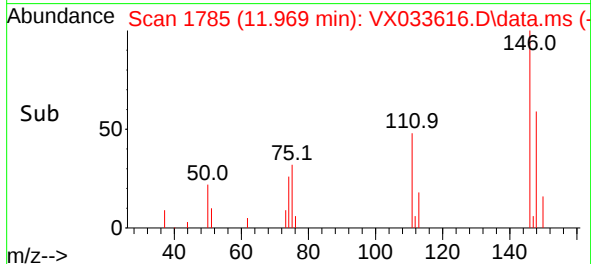
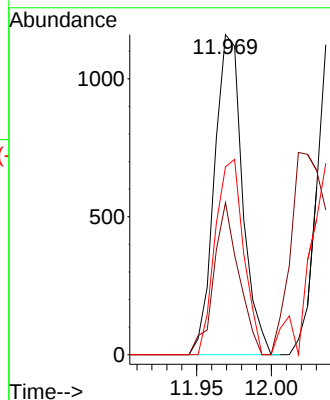
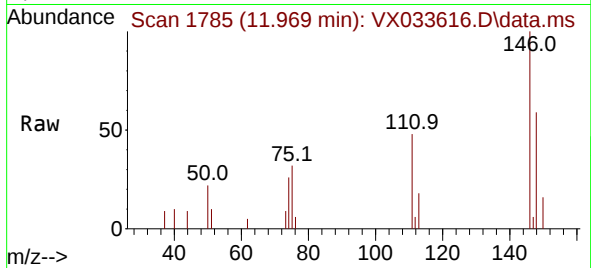
Tgt Ion:146	Resp:	1514
Ion Ratio	Lower	Upper
146	100	
111	42.2	18.9 56.5
148	61.4	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#88

1,4-Dichlorobenzene

Concen: 0.852 ug/l m

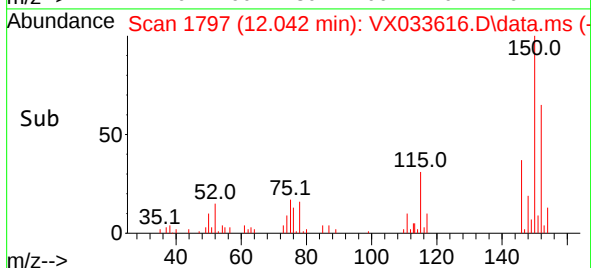
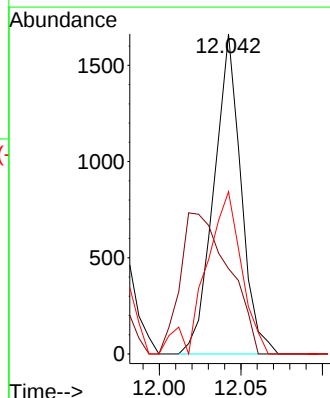
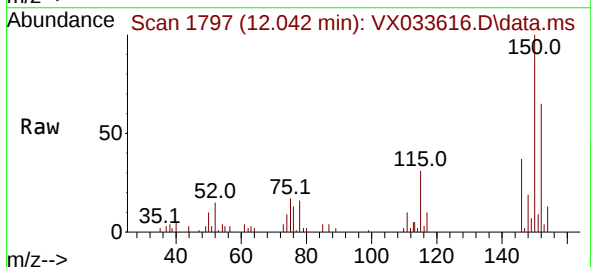
RT: 12.042 min Scan# 1797

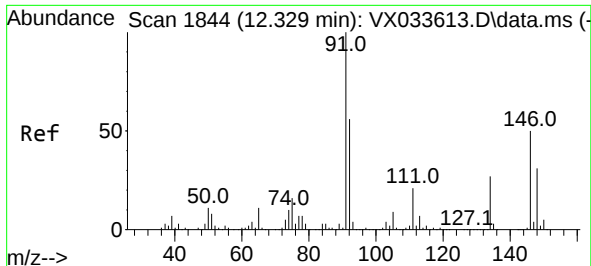
Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Tgt Ion:146	Resp:	1925
Ion Ratio	Lower	Upper
146	100	
111	33.2	18.2 54.6
148	48.3	32.2 96.6





#89

n-Butylbenzene

Concen: 0.786 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

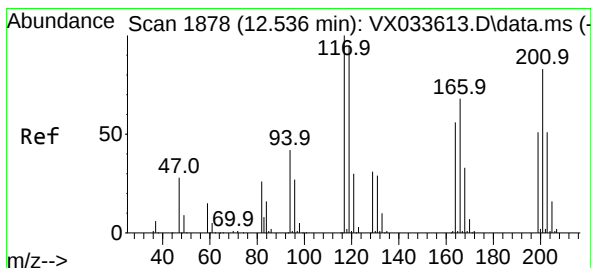
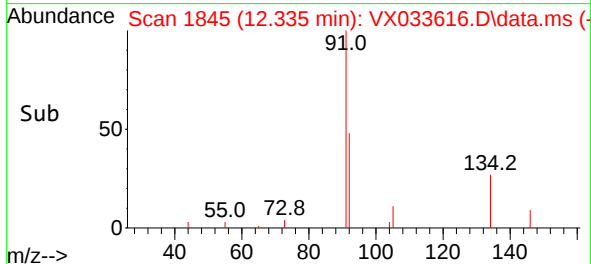
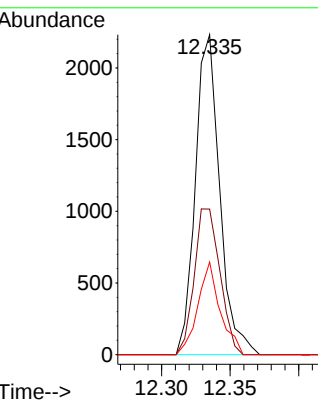
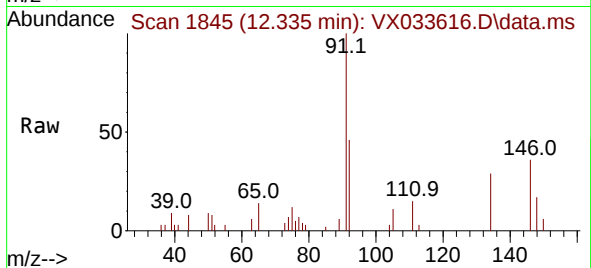
Tgt Ion: 91	Resp: 276
Ion Ratio	Lower Upper
91	100
92	48.1 27.6 82.7
134	26.6 14.1 42.4

Manual Integrations

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Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#90

Hexachloroethane

Concen: 0.288 ug/l

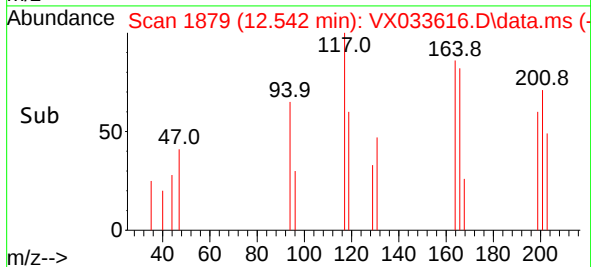
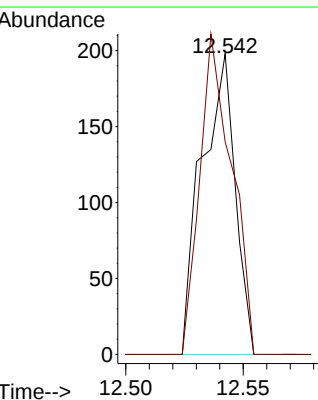
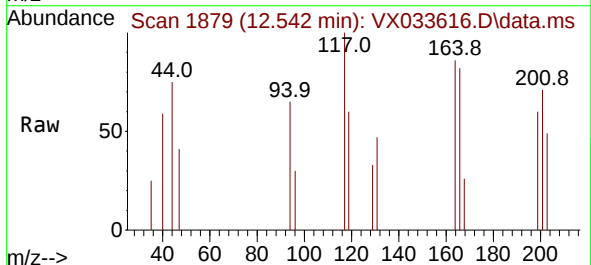
RT: 12.542 min Scan# 1879

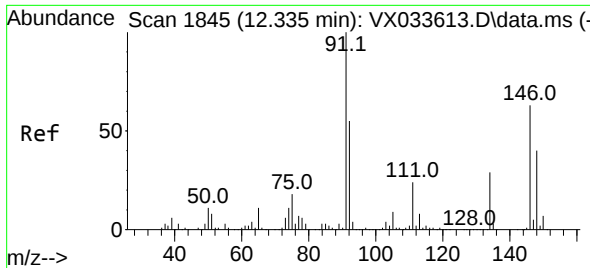
Delta R.T. 0.006 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Tgt Ion: 117	Resp: 195
Ion Ratio	Lower Upper
117	100
201	102.1 45.6 136.7





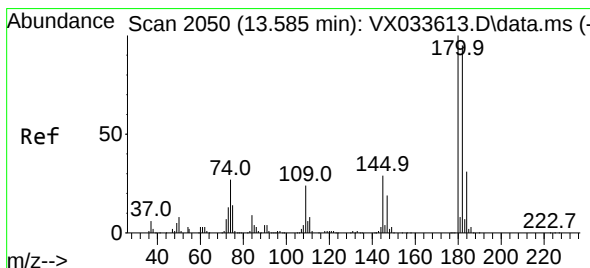
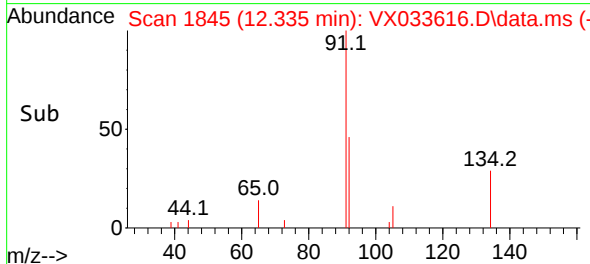
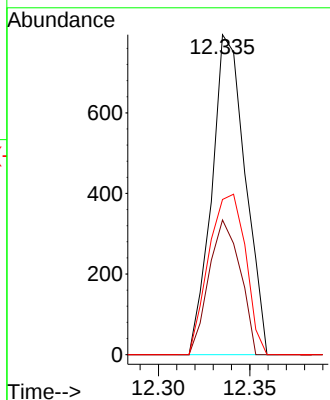
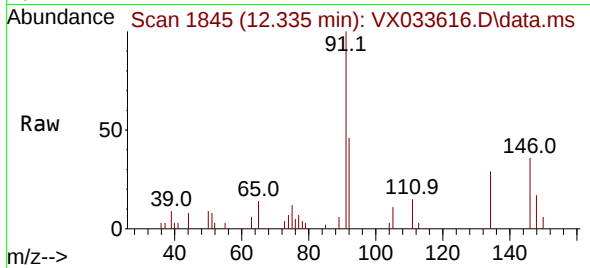
#91
1,2-Dichlorobenzene
Concen: 0.459 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:146 Resp: 101
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 55.1 32.1 96.5

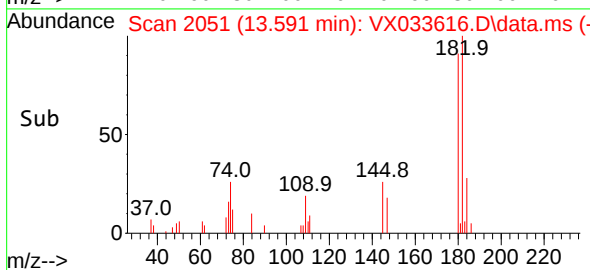
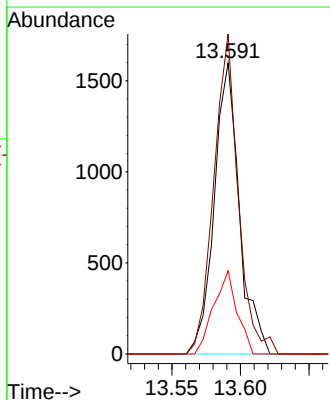
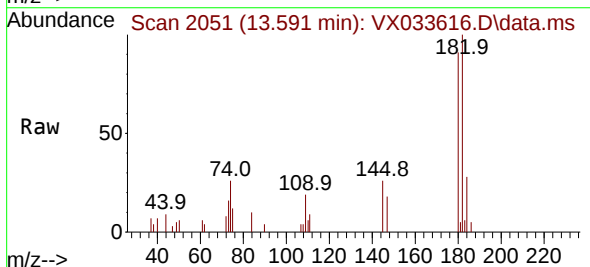
Manual Integrations
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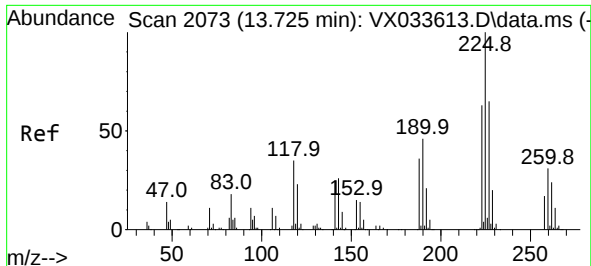
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#93
1,2,4-Trichlorobenzene
Concen: 2.882 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

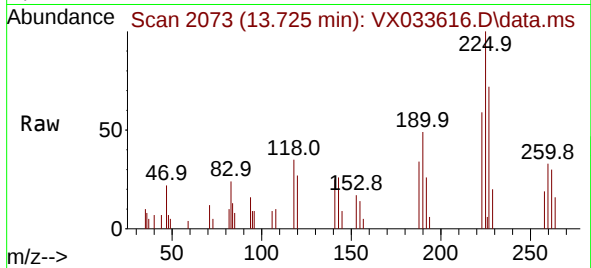
Tgt Ion:180 Resp: 2033
Ion Ratio Lower Upper
180 100
182 106.9 47.4 142.2
145 26.5 14.1 42.2





#94
Hexachlorobutadiene
Concen: 2.561 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

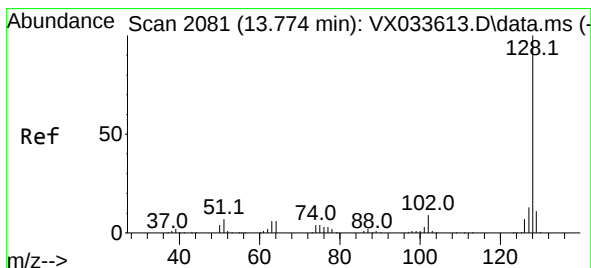
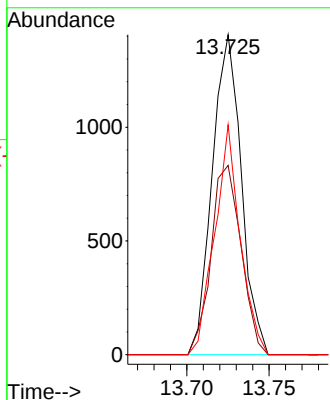
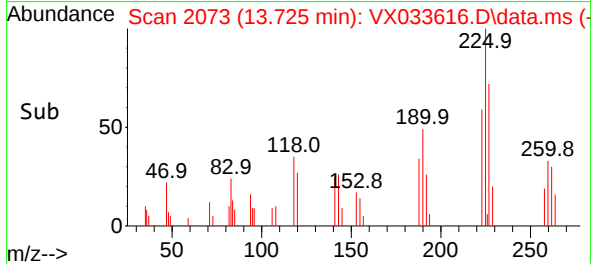
Instrument :
MSVOA_X
ClientSampleId :
IBLK



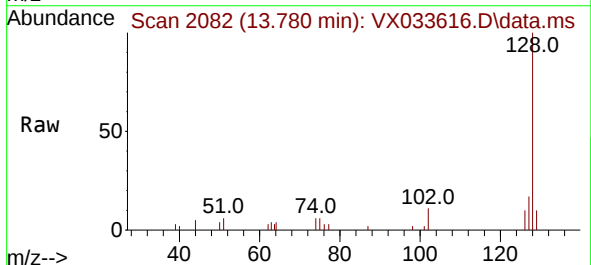
Tgt Ion:225 Resp: 172
Ion Ratio Lower Upper
225 100
223 61.3 31.4 94.3
227 63.3 31.9 95.5

Manual Integrations
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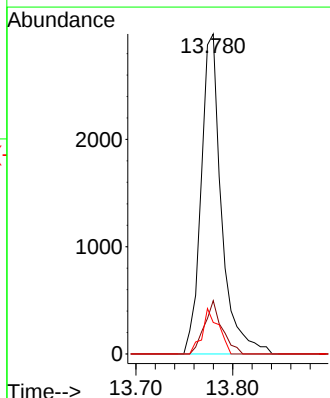
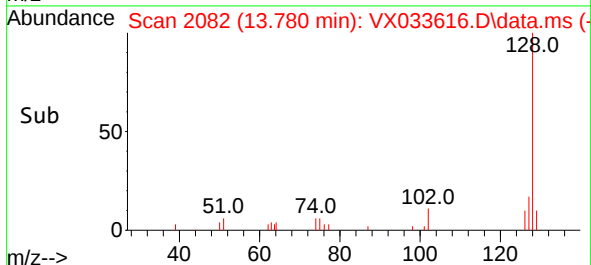
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

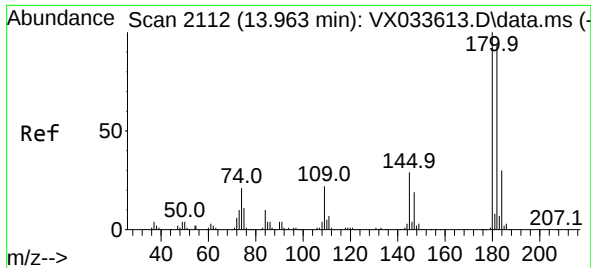


#95
Naphthalene
Concen: 3.967 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24



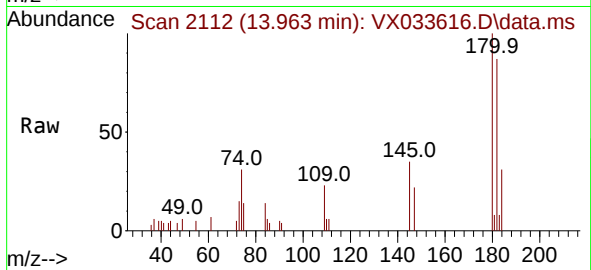
Tgt Ion:128 Resp: 4374
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 11.4 9.0 13.4





#96
 1,2,3-Trichlorobenzene
 Concen: 4.978 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX033616.D
 Acq: 04 Jan 2023 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	212
Ion Ratio	Lower	Upper	
180	100		
182	87.5	47.2	141.6
145	29.1	15.0	45.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023

