

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045794.D
 Acq On : 15 Nov 2021 16:10
 Operator : SY/MD
 Sample : MDL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 16 03:29:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	105066	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	105140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	47014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35668	4.285	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.919	69	28036	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.572	65	15126	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.671	46	107993	48.410	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	5.070	84	62586	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.707	65	38140	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.732	84	129196	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.694	67	41375	4.534	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.903	98	112086	4.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.182	79	16431	4.435	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.639	63	84557	50.714	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.420%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	38405	4.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	41157	5.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1623	0.190	ug/L	91
3) Chloromethane	1.520	50	3338	0.368	ug/L	96
5) Vinyl chloride	1.607	62	1997	0.219	ug/L #	70
6) Bromomethane	1.861	94	1192	0.221	ug/L	97
8) Chloroethane	1.938	64	1429	0.275	ug/L #	81
9) Trichlorofluoromethane	2.144	101	2448	0.208	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1855	0.269	ug/L #	80
12) 1,1-Dichloroethene	2.584	96	1644	0.253	ug/L #	1
13) Acetone	2.716	43	3042m	2.317	ug/L	
14) Carbon disulfide	2.800	76	4302	0.209	ug/L	98
15) Methyl Acetate	2.980	43	785m	0.244	ug/L	
16) Methylene chloride	3.051	84	2565	0.267	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	3251	0.192	ug/L	95
18) trans-1,2-Dichloroethene	3.359	96	1366	0.196	ug/L	91
19) 1,1-Dichloroethane	3.877	63	2412	0.185	ug/L	93
21) 2-Butanone	4.739	43	5517m	2.497	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	1453	0.192	ug/L	93
23) Bromochloromethane	4.983	128	583	0.177	ug/L	96
25) Chloroform	5.092	83	6696	0.473	ug/L	93

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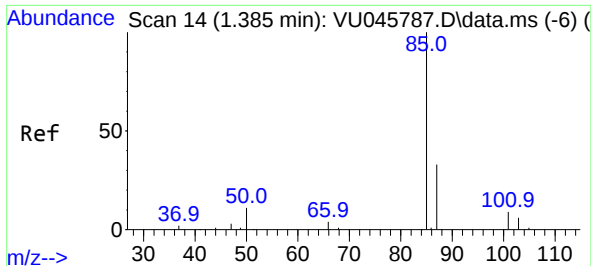
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
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 Response via : Initial Calibration

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

27) 1,2-Dichloroethane	5.803	62	1983	0.219	ug/L #	73
29) 1,1,1-Trichloroethane	5.324	97	2264	0.198	ug/L	94
30) Cyclohexane	5.395	56	2062	0.182	ug/L	93
31) Carbon tetrachloride	5.523	117	1869	0.195	ug/L	99
33) Benzene	5.780	78	6393	0.218	ug/L	100
34) Trichloroethene	6.549	95	1716	0.227	ug/L	93
35) Methylcyclohexane	6.764	83	2240	0.193	ug/L	95
37) 1,2-Dichloropropane	6.797	63	1538	0.199	ug/L #	88
38) Bromodichloromethane	7.112	83	1927	0.202	ug/L #	95
39) cis-1,3-Dichloropropene	7.610	75	2218	0.202	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	9726	1.920	ug/L #	86
42) Toluene	7.973	91	7729	0.255	ug/L	93
44) trans-1,3-Dichloropropene	8.214	75	1992	0.209	ug/L	95
45) 1,1,2-Trichloroethane	8.404	97	1198	0.209	ug/L	96
47) Tetrachloroethene	8.555	164	1081	0.204	ug/L	81
48) 2-Hexanone	8.690	43	18445	5.041	ug/L #	97
49) Dibromochloromethane	8.813	129	1255	0.192	ug/L	90
50) 1,2-Dibromoethane	8.928	107	1089	0.202	ug/L #	98
51) Chlorobenzene	9.452	112	3994	0.210	ug/L	93
52) Ethylbenzene	9.575	91	6244	0.197	ug/L	92
53) m,p-Xylene	9.697	106	2412	0.199	ug/L	93
54) o-Xylene	10.102	106	1968	0.168	ug/L	84
55) Styrene	10.121	104	3129	0.159	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.787	83	1632	0.222	ug/L #	96
59) Bromoform	10.295	173	727	0.233	ug/L #	93
60) Isopropylbenzene	10.488	105	5144	0.186	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	1188	0.243	ug/L	94
62) 1,3,5-Trimethylbenzene	11.092	105	4055	0.180	ug/L	93
63) 1,2,4-Trimethylbenzene	11.468	105	3923	0.173	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	2950	0.229	ug/L	89
65) 1,4-Dichlorobenzene	11.838	146	4018	0.307	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	2975	0.241	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	1959	0.203	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	1641	0.201	ug/L	92
71) Naphthalene	14.089	128	3223	0.192	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.333	180	1729	0.213	ug/L #	88

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



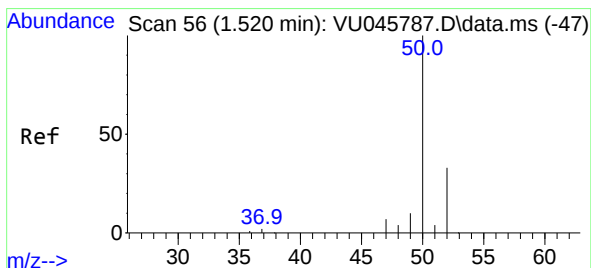
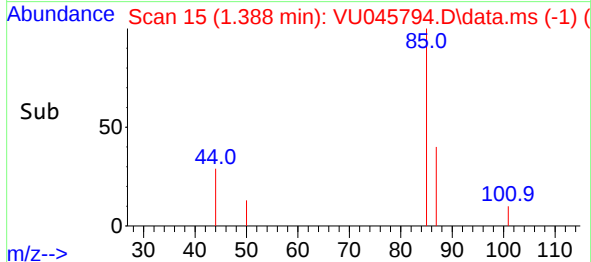
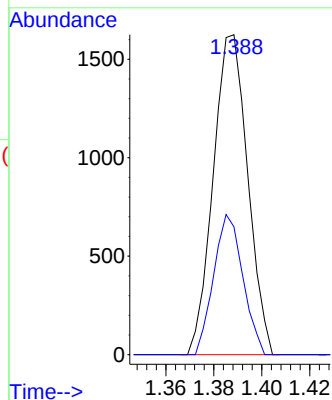
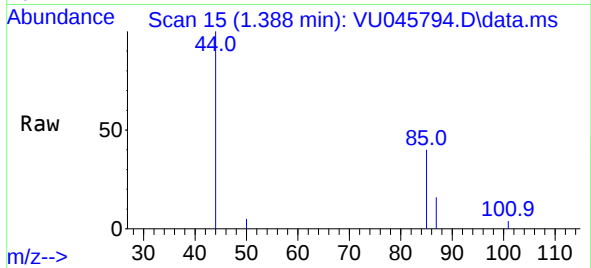
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Dichlorodifluoromethane
Concen: 0.190 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 85 Resp: 162
Ion Ratio Lower Upper
85 100
87 37.0 25.8 38.6

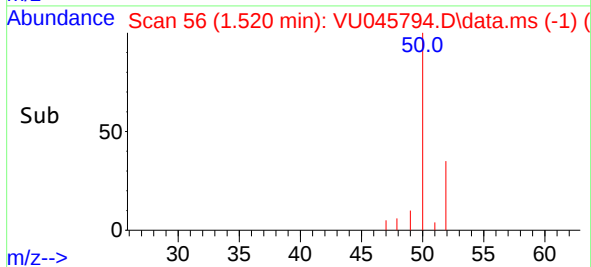
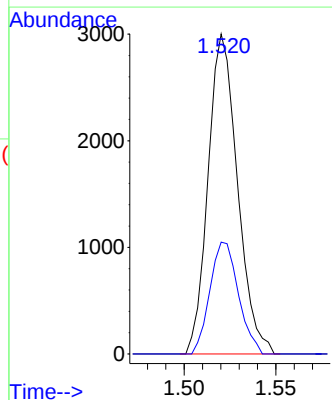
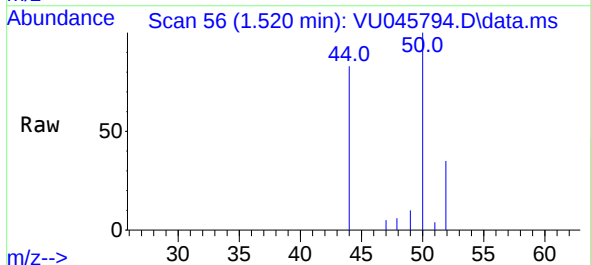
Manual Integrations
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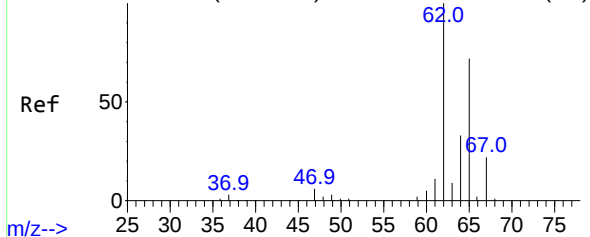


#3
Chloromethane
Concen: 0.368 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 50 Resp: 3338
Ion Ratio Lower Upper
50 100
52 34.9 23.0 42.8



Abundance Scan 82 (1.604 min): VU045787.D\data.ms (-73)



#5

Vinyl chloride

Concen: 0.219 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 62 Resp: 199

Ion Ratio Lower Upper

62 100

64 49.7 22.9 42.5

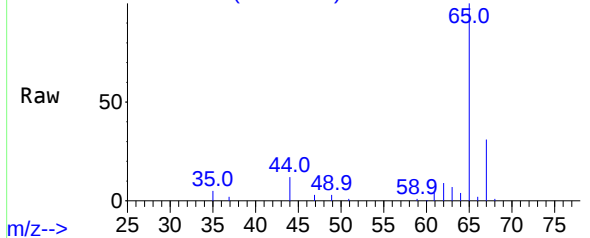
Manual Integrations

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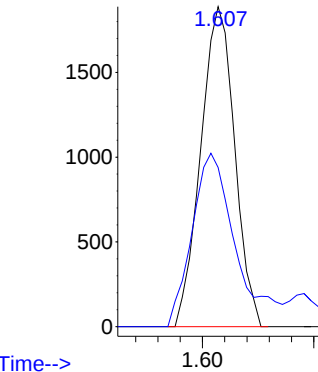
Reviewed By :John Carlone 11/16/2021

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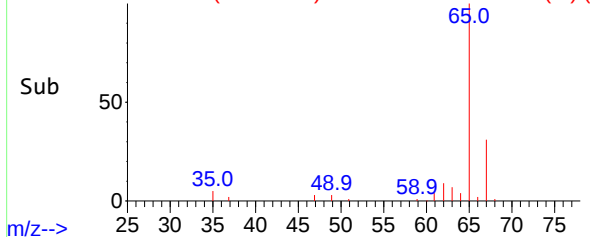
Abundance Scan 83 (1.607 min): VU045794.D\data.ms



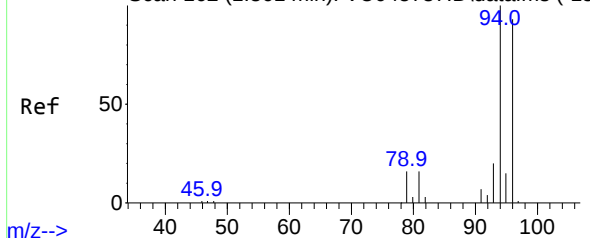
Abundance



Abundance Scan 83 (1.607 min): VU045794.D\data.ms (-1)



Abundance Scan 162 (1.861 min): VU045787.D\data.ms (-15)



#6

Bromomethane

Concen: 0.221 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

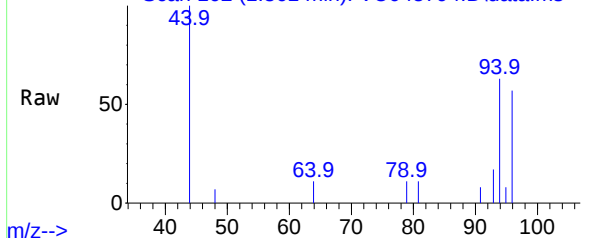
Tgt Ion: 94 Resp: 1192

Ion Ratio Lower Upper

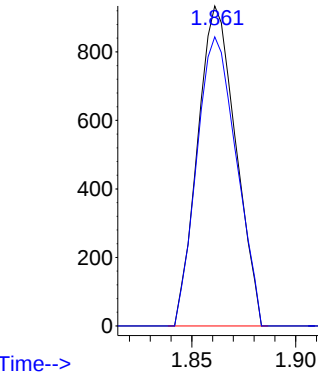
94 100

96 90.4 65.5 121.6

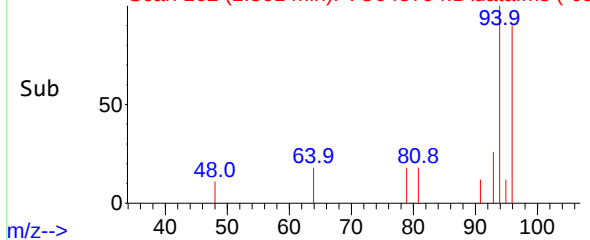
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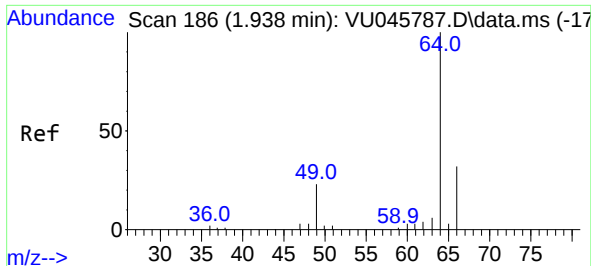


Abundance



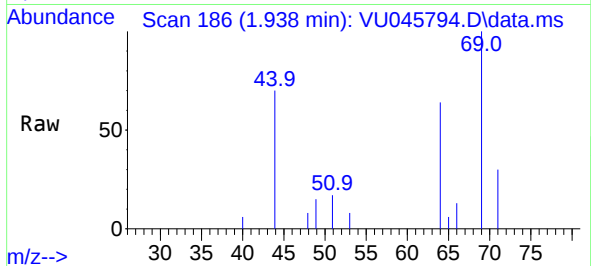
Abundance Scan 162 (1.861 min): VU045794.D\data.ms (-69)





#8
Chloroethane
Concen: 0.275 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

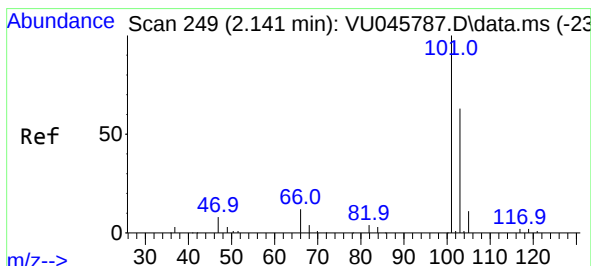
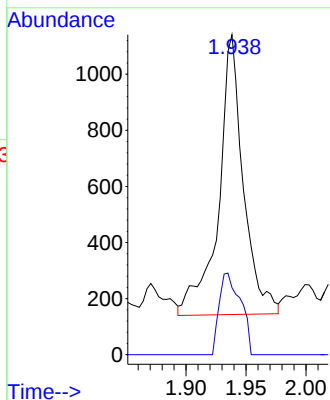
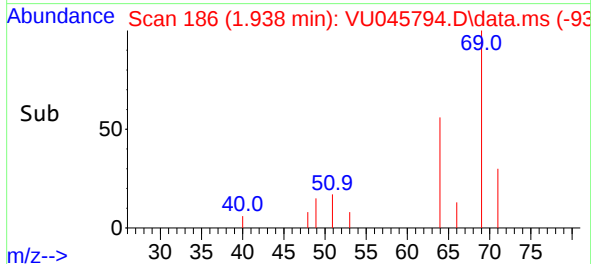
Instrument :
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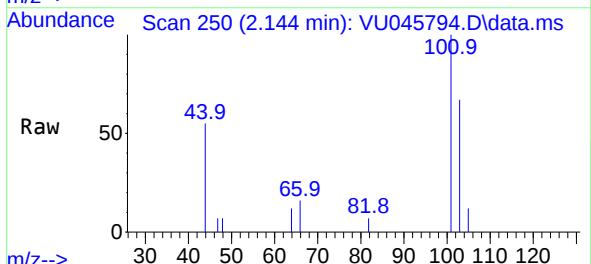
Tgt Ion: 64 Resp: 1429
Ion Ratio Lower Upper
64 100
66 20.9 22.1 41.1

Manual Integrations
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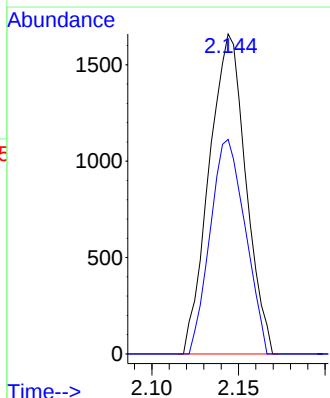
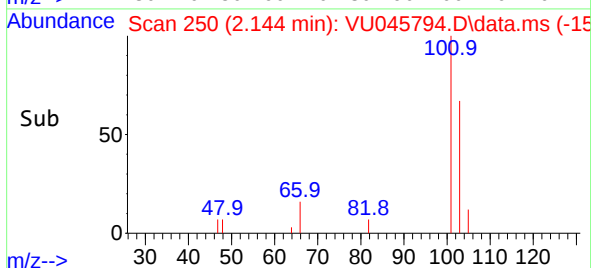
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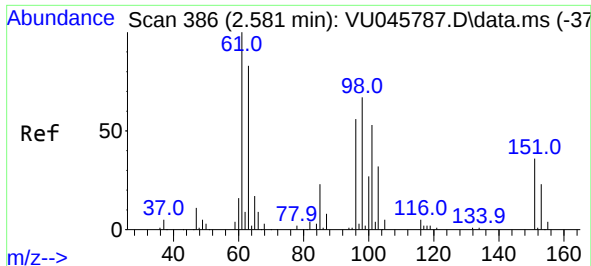


#9
Trichlorofluoromethane
Concen: 0.208 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10



Tgt Ion:101 Resp: 2448
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3





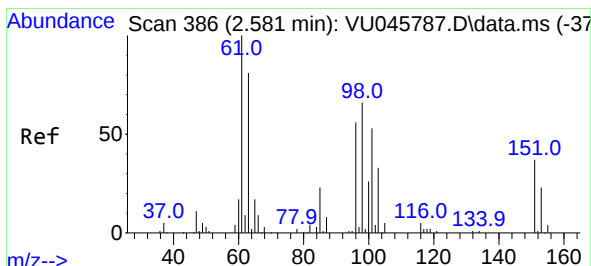
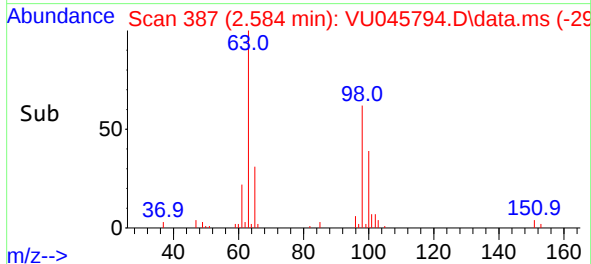
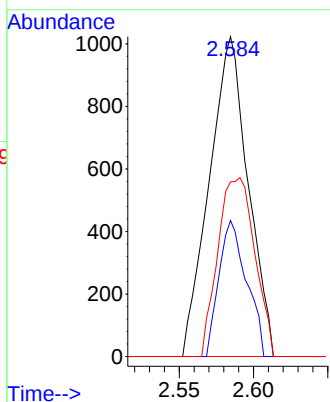
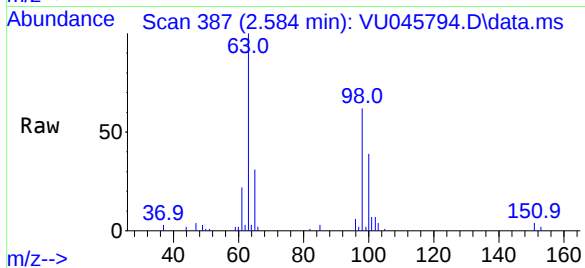
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.269 ug/L
RT: 2.584 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Instrument :
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ClientSampleId :
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Tgt Ion: 101 Resp: 185
Ion Ratio Lower Upper
101 100
85 30.4 34.6 51.8
151 53.2 56.1 84.1

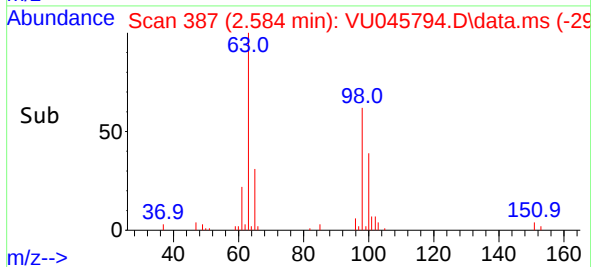
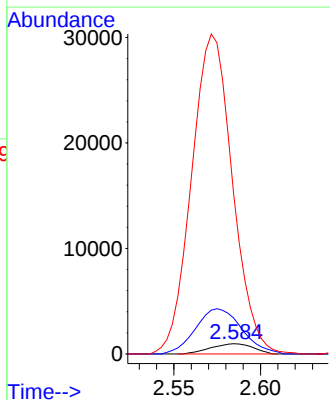
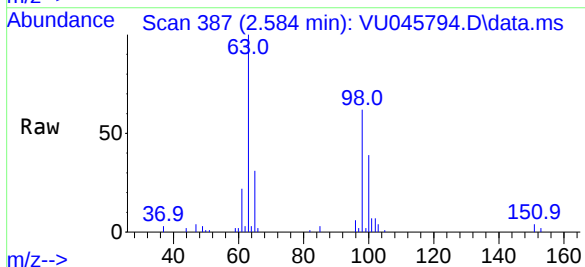
Manual Integrations
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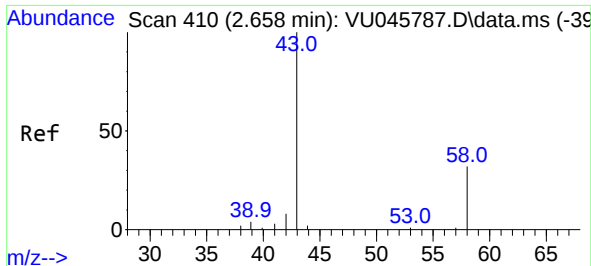
Reviewed By : John Carlone 11/16/2021
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#12
1,1-Dichloroethene
Concen: 0.253 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 96 Resp: 1644
Ion Ratio Lower Upper
96 100
61 351.8 124.7 231.5#
63 1572.5 105.2 195.4#





#13

Acetone

Concen: 2.317 ug/L m

RT: 2.716 min Scan# 43

Delta R.T. 0.058 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 43 Resp: 304

Ion Ratio Lower Upper

43 100

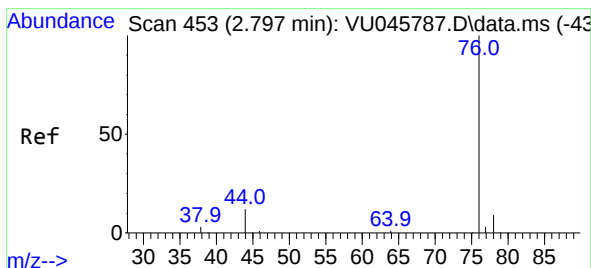
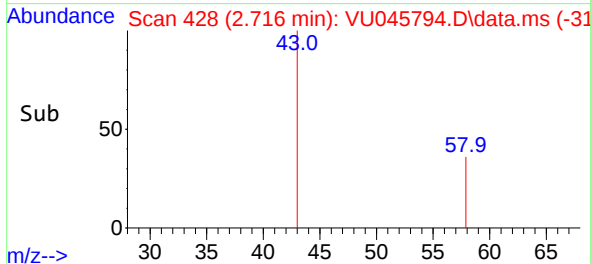
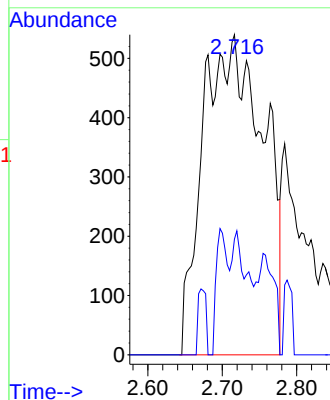
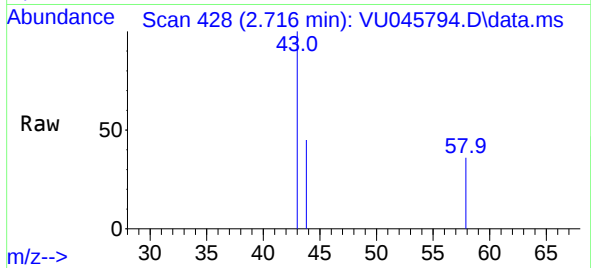
58 2.7 0.0 71.6

Manual Integrations

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#14

Carbon disulfide

Concen: 0.209 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU045794.D

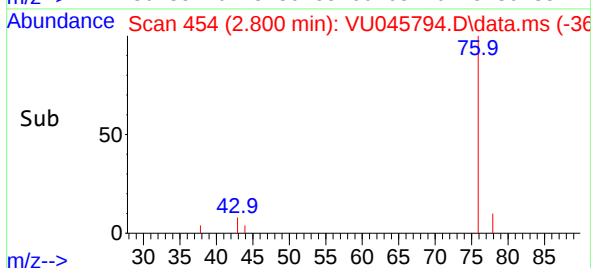
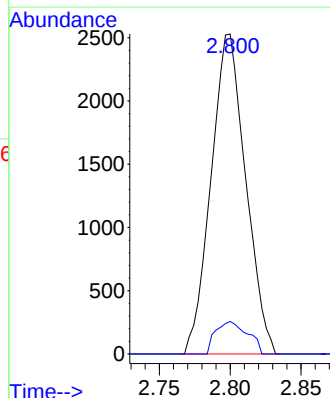
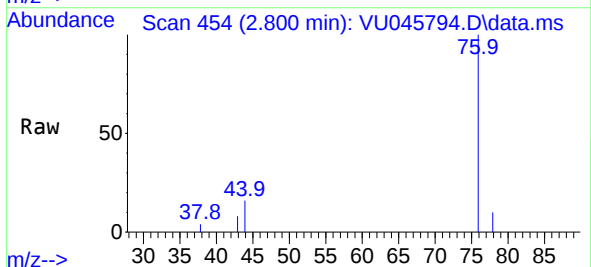
Acq: 15 Nov 2021 16:10

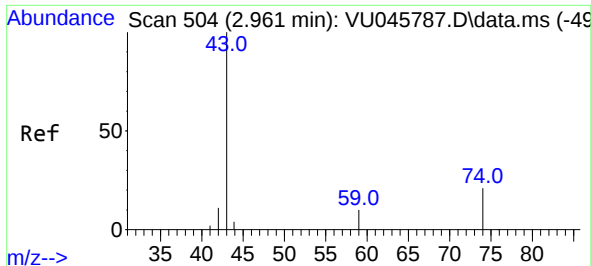
Tgt Ion: 76 Resp: 4302

Ion Ratio Lower Upper

76 100

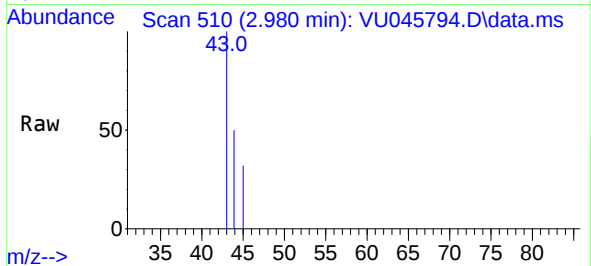
78 10.2 7.5 11.3





#15
Methyl Acetate
Concen: 0.244 ug/L m
RT: 2.980 min Scan# 510
Delta R.T. 0.019 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

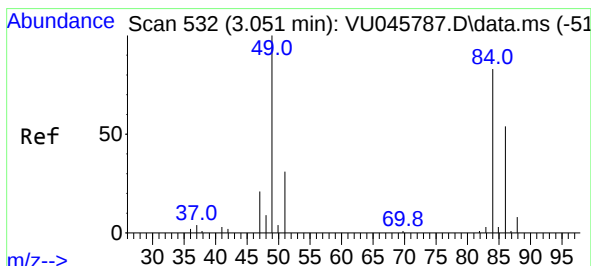
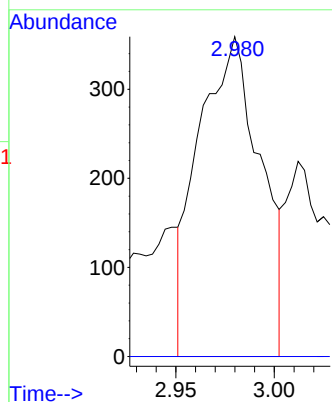
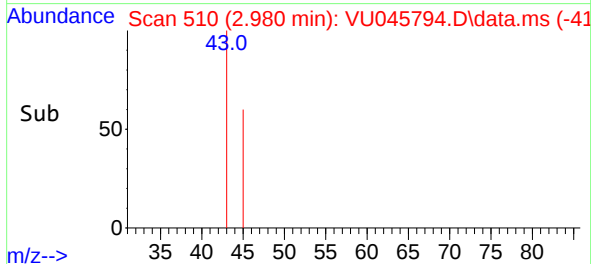
Instrument :
MSVOA_U
ClientSampleId :
MDL03



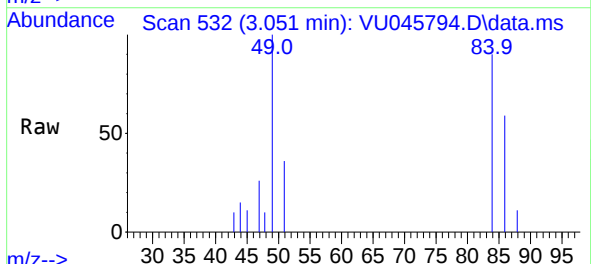
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7

Manual Integrations
APPROVED

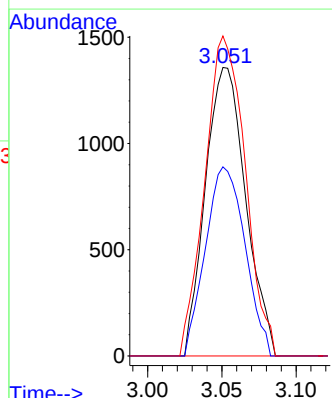
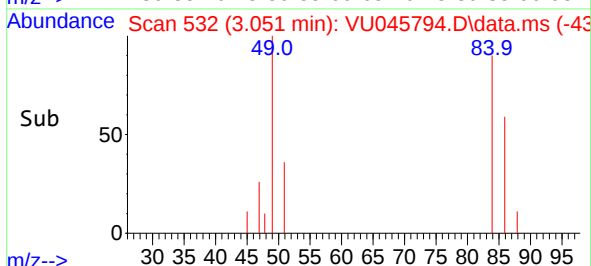
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

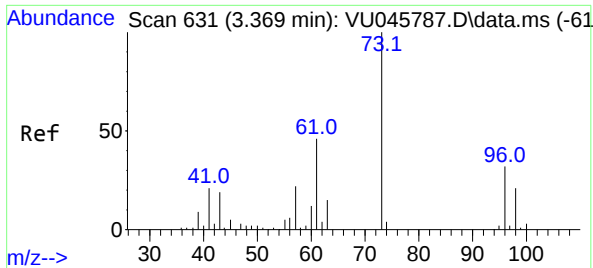


#16
Methylene chloride
Concen: 0.267 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10



Tgt Ion: 84 Resp: 2565
Ion Ratio Lower Upper
84 100
86 65.5 45.8 85.0
49 110.9 84.5 156.9





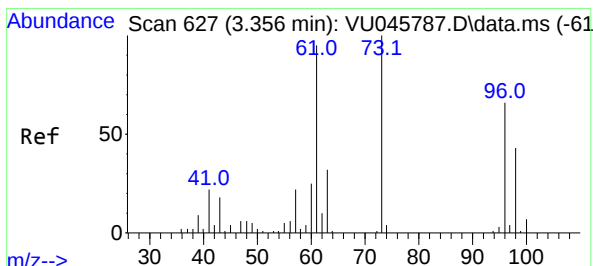
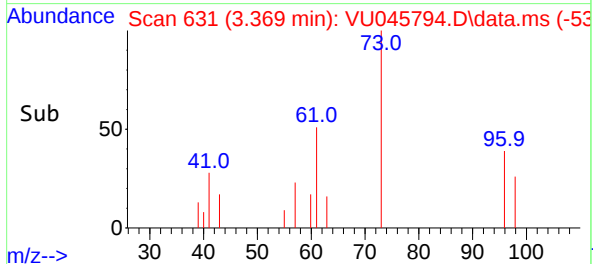
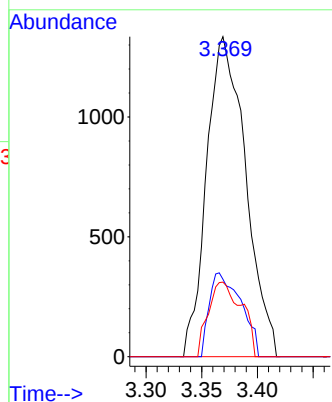
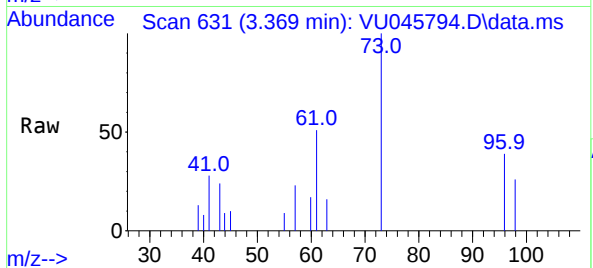
#17
Methyl tert-butyl Ether
Concen: 0.192 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 73 Resp: 325
Ion Ratio Lower Upper
73 100
43 21.3 14.8 22.2
57 19.8 17.4 26.0

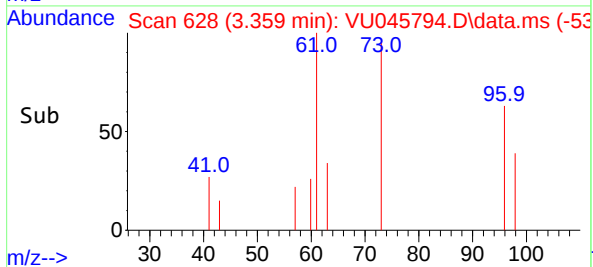
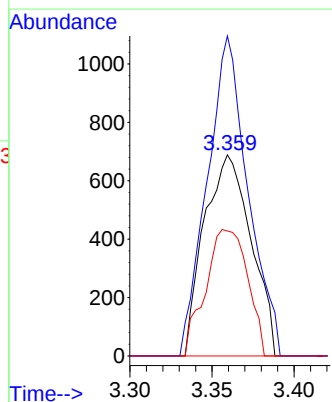
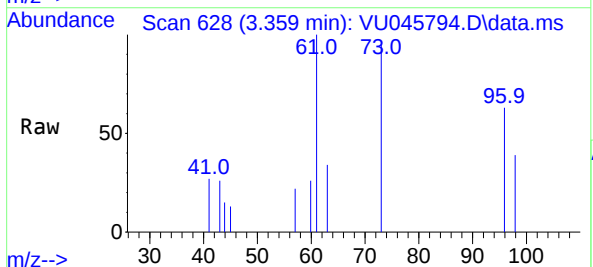
Manual Integrations
APPROVED

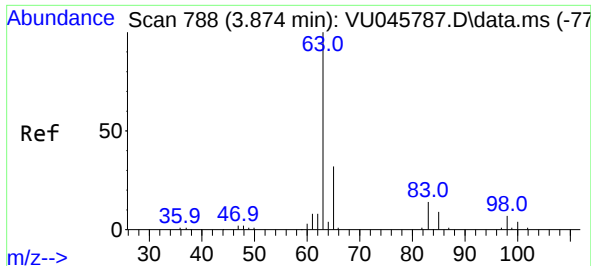
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
trans-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 96 Resp: 1366
Ion Ratio Lower Upper
96 100
61 159.1 100.8 187.2
98 62.1 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.185 ug/L

RT: 3.877 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 63 Resp: 241

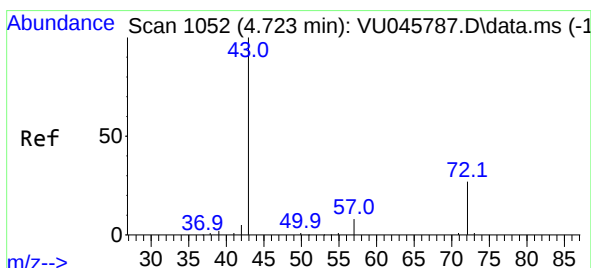
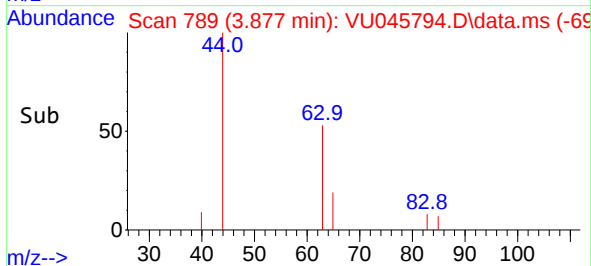
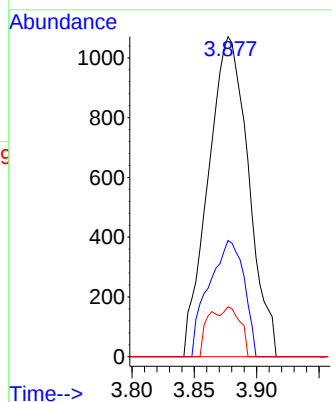
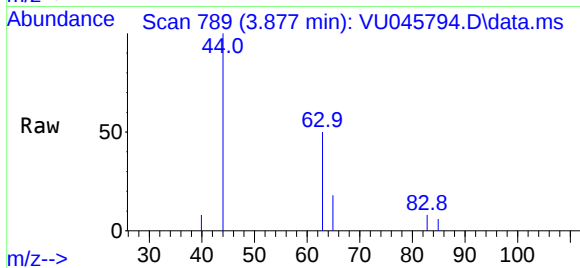
Ion	Ratio	Lower	Upper
63	100		
65	36.3	22.3	41.5
83	15.6	9.6	17.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#21

2-Butanone

Concen: 2.497 ug/L m

RT: 4.739 min Scan# 1057

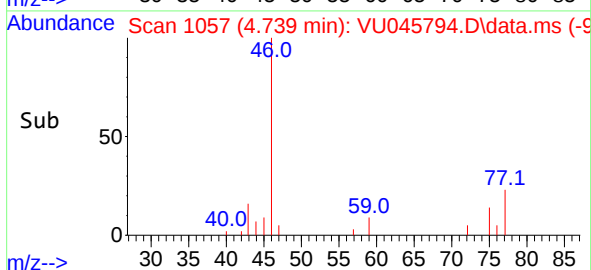
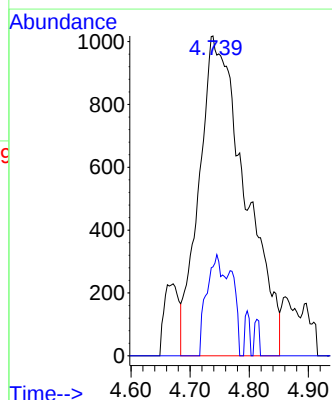
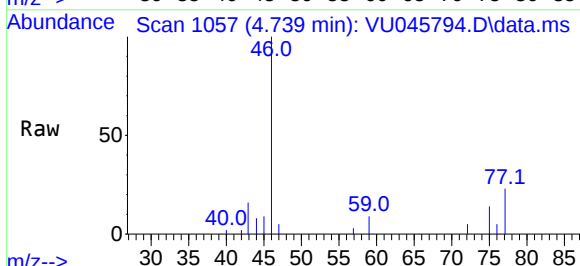
Delta R.T. 0.016 min

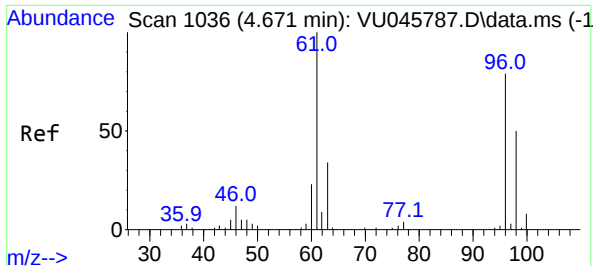
Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Tgt Ion: 43 Resp: 5517

Ion	Ratio	Lower	Upper
43	100		
72	12.0	14.1	42.3#





#22

cis-1,2-Dichloroethene

Concen: 0.192 ug/L

RT: 4.678 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 96 Resp: 145

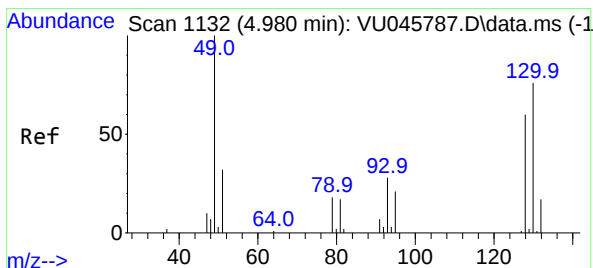
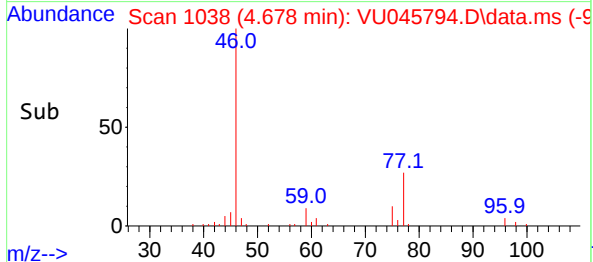
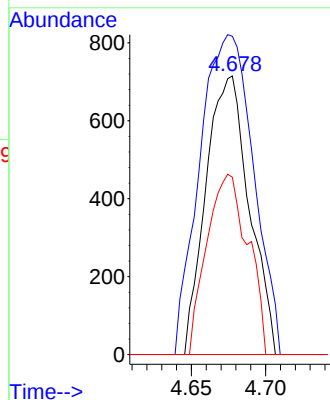
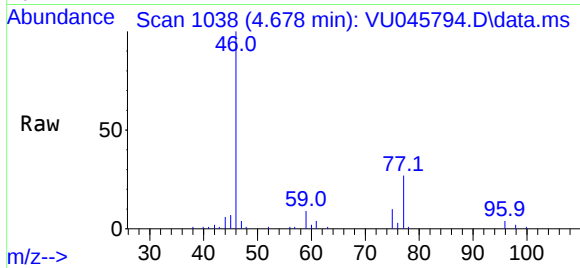
Ion	Ratio	Lower	Upper
96	100		
61	114.3	88.5	164.3
98	63.6	44.4	82.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#23

Bromochloromethane

Concen: 0.177 ug/L

RT: 4.983 min Scan# 1133

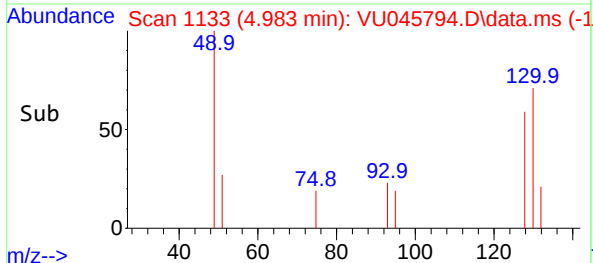
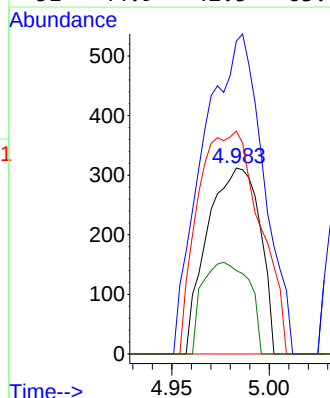
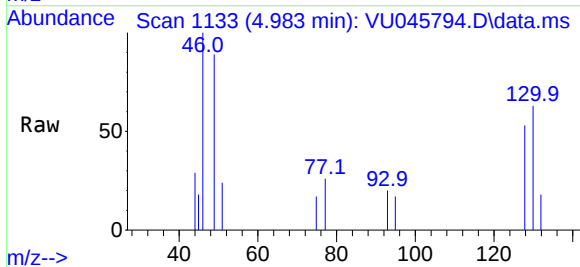
Delta R.T. 0.003 min

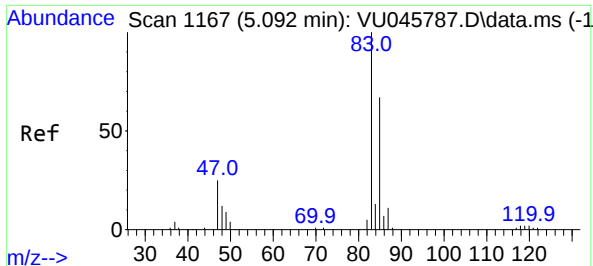
Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Tgt Ion:128 Resp: 583

Ion	Ratio	Lower	Upper
128	100		
49	168.3	117.0	217.2
130	119.9	88.2	163.8
51	44.9	42.5	63.7





#25

Chloroform

Concen: 0.473 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 83 Resp: 6690

Ion Ratio Lower Upper

83 100

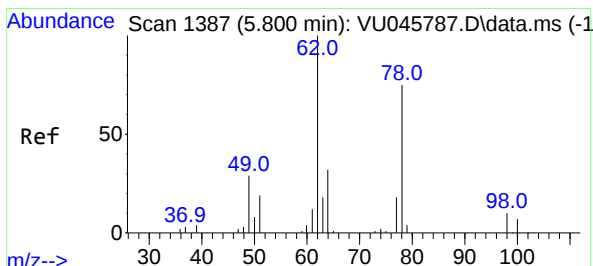
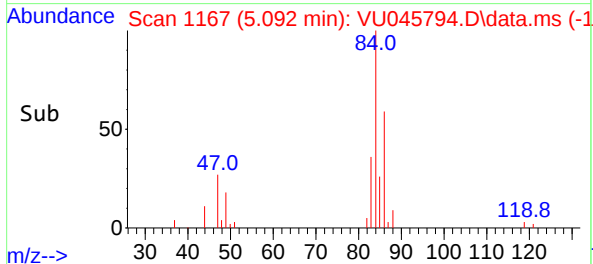
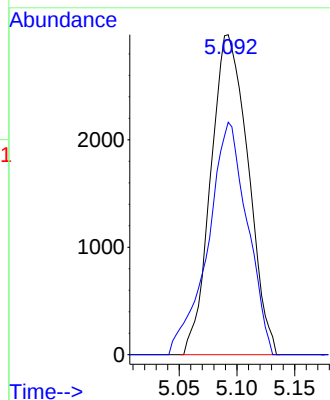
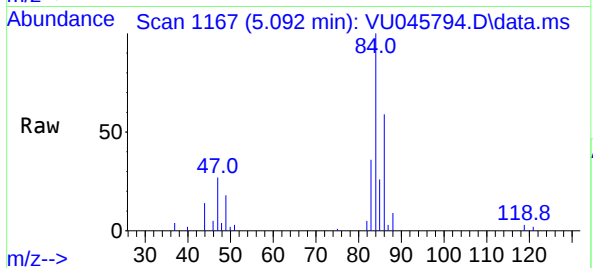
85 72.6 46.9 87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#27

1,2-Dichloroethane

Concen: 0.219 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU045794.D

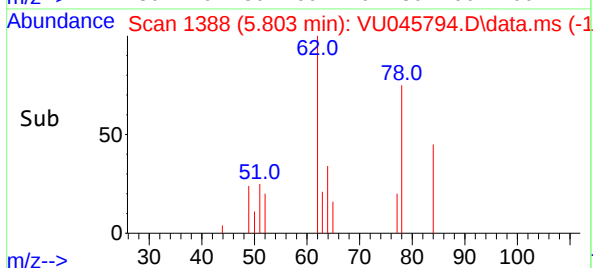
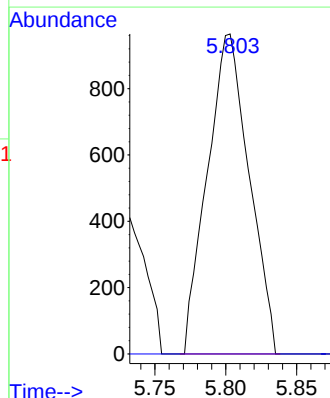
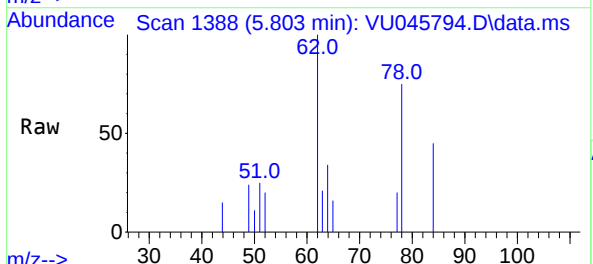
Acq: 15 Nov 2021 16:10

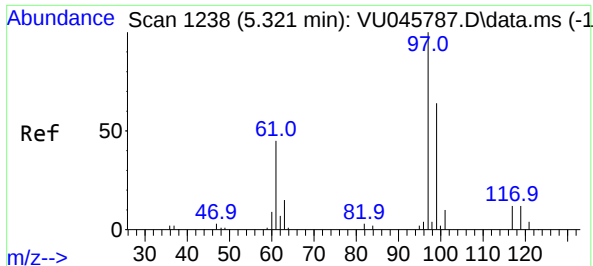
Tgt Ion: 62 Resp: 1983

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8





#29
1,1,1-Trichloroethane
Concen: 0.198 ug/L
RT: 5.324 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

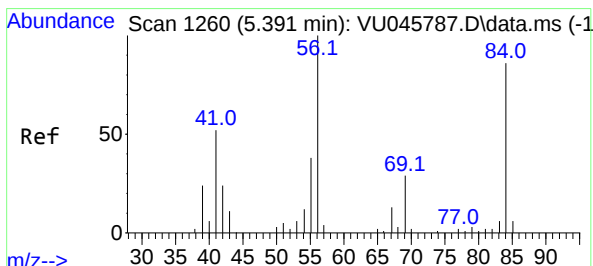
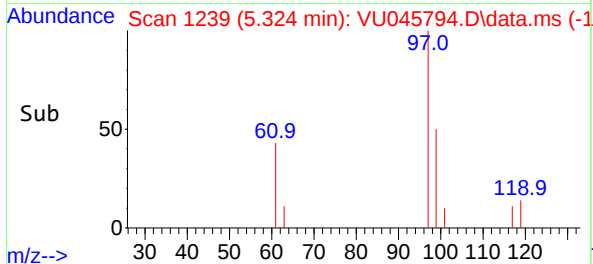
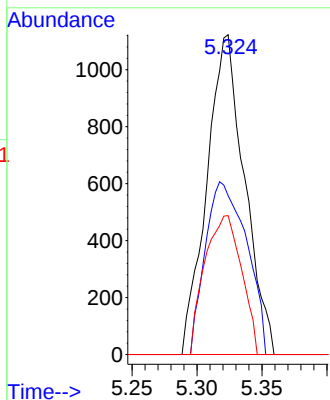
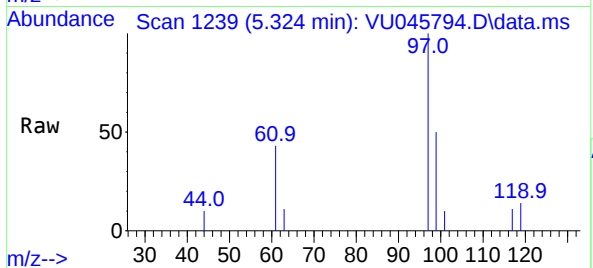
Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 97 Resp: 2264

Ion	Ratio	Lower	Upper
97	100		
99	59.1	51.3	76.9
61	42.3	36.1	54.1

Manual Integrations
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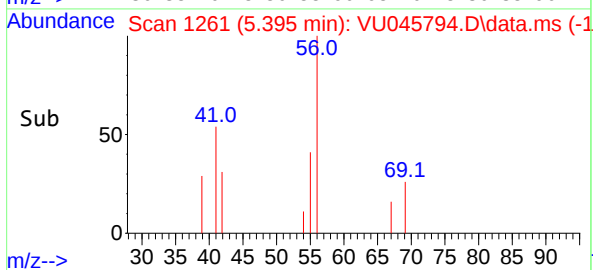
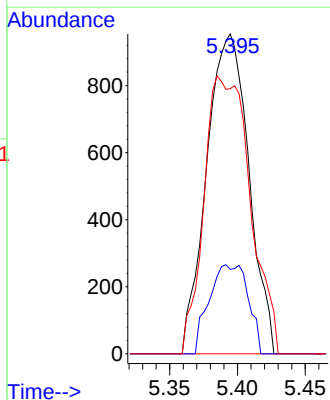
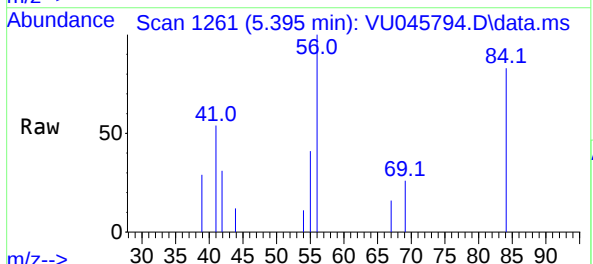
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

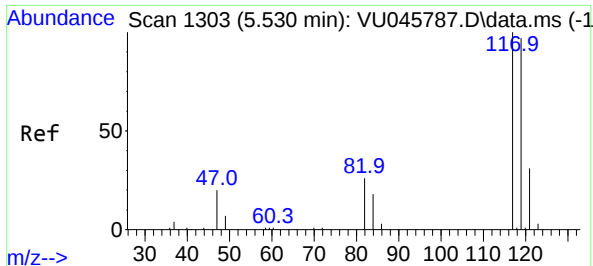


#30
Cyclohexane
Concen: 0.182 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 56 Resp: 2062

Ion	Ratio	Lower	Upper
56	100		
69	25.6	24.7	37.1
84	95.0	71.8	107.6





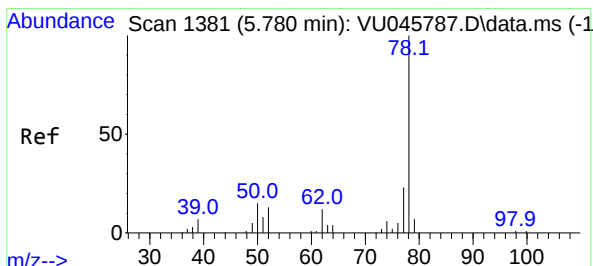
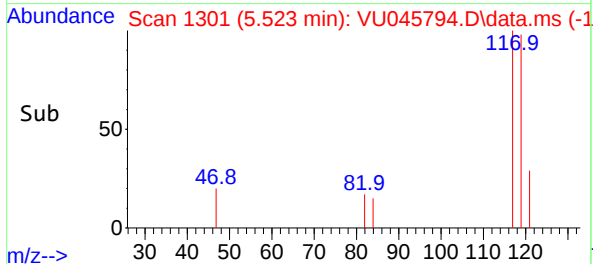
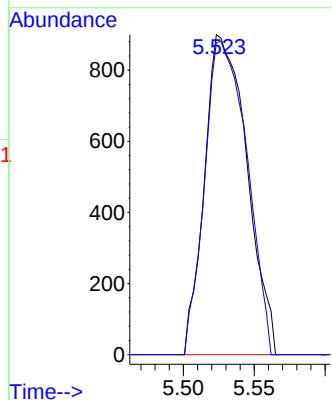
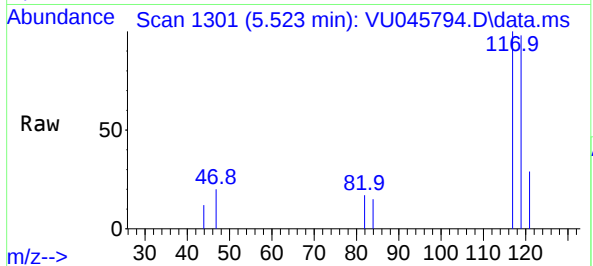
#31
Carbon tetrachloride
Concen: 0.195 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.006 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:117 Resp: 1869
Ion Ratio Lower Upper
117 100
119 97.9 77.5 116.3

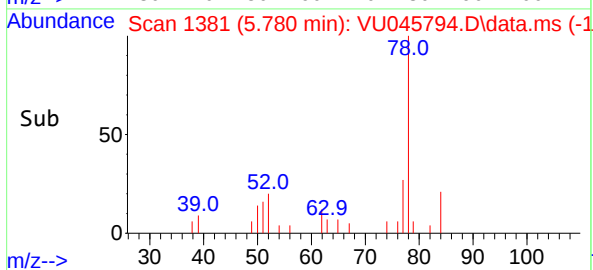
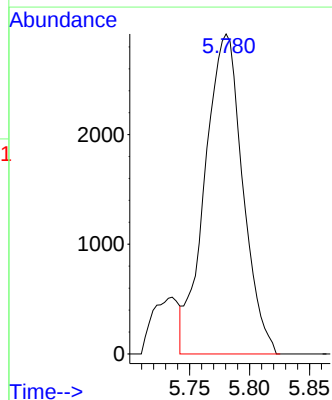
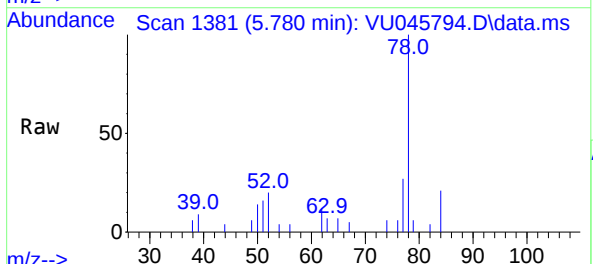
Manual Integrations
APPROVED

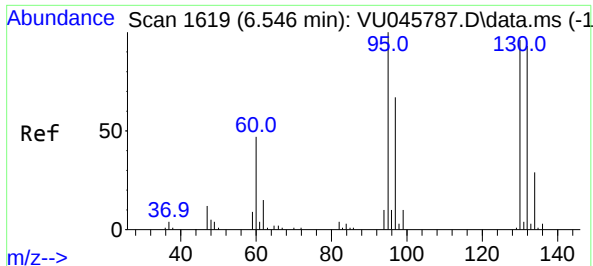
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#33
Benzene
Concen: 0.218 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

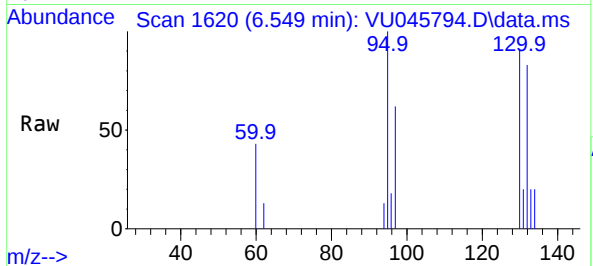
Tgt Ion: 78 Resp: 6393





#34
Trichloroethene
Concen: 0.227 ug/L
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

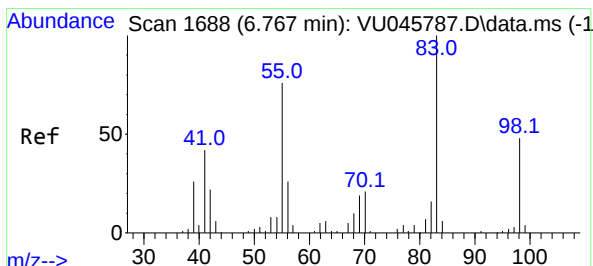
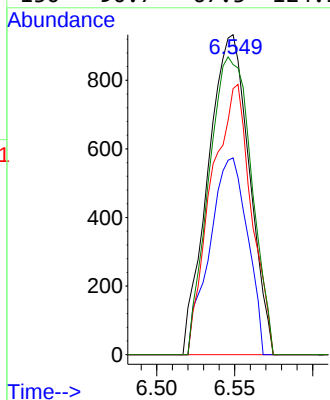
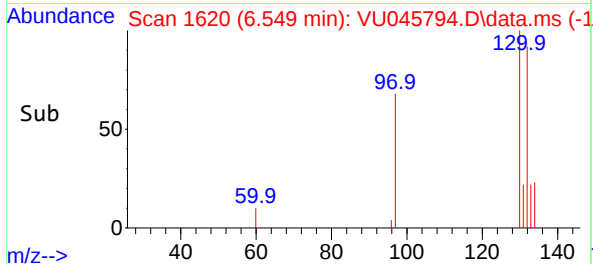
Instrument :
MSVOA_U
ClientSampleId :
MDL03



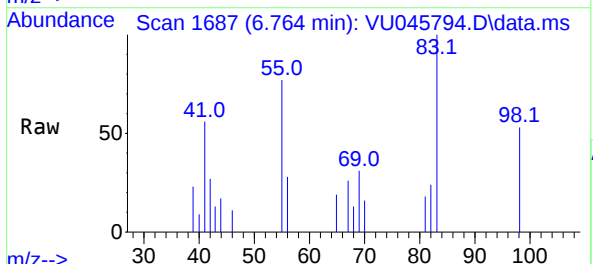
Tgt Ion: 95 Resp: 1710
Ion Ratio Lower Upper
95 100
97 61.5 46.5 86.5
132 83.2 65.1 120.9
130 90.7 67.3 124.9

Manual Integrations
APPROVED

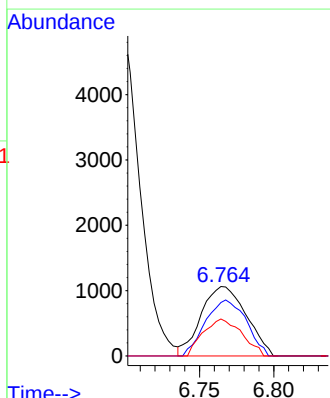
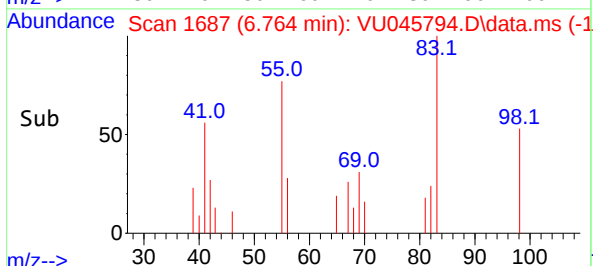
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

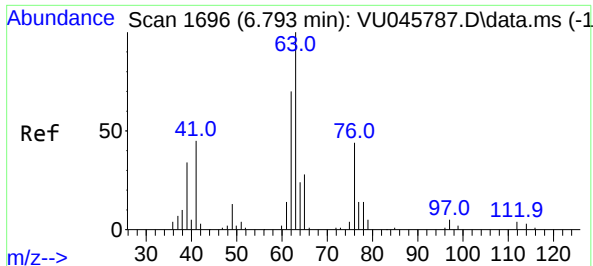


#35
Methylcyclohexane
Concen: 0.193 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10



Tgt Ion: 83 Resp: 2240
Ion Ratio Lower Upper
83 100
55 73.0 61.9 92.9
98 45.8 39.0 58.6





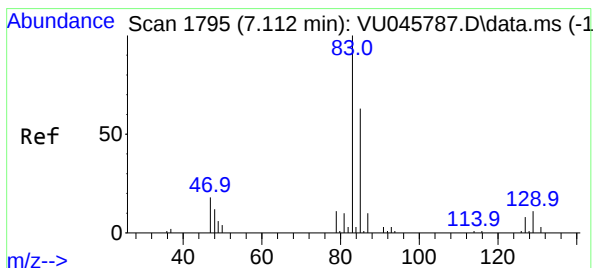
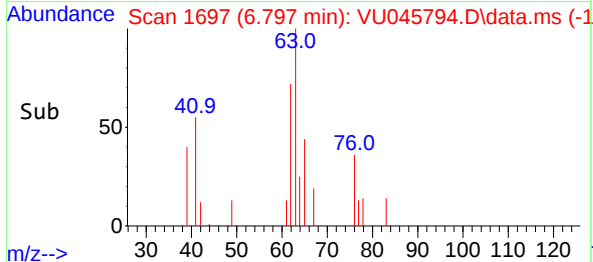
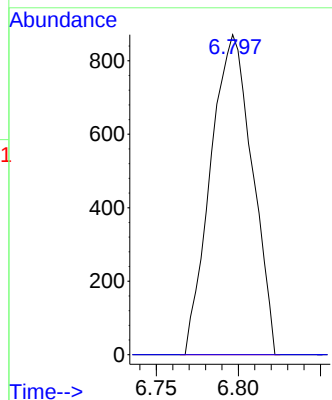
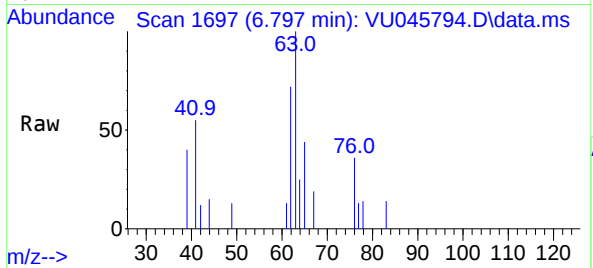
#37
1,2-Dichloropropane
Concen: 0.199 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 63 Resp: 1538
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8

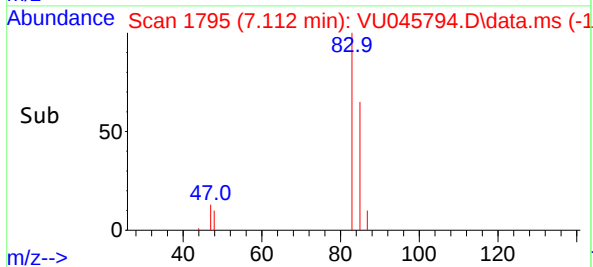
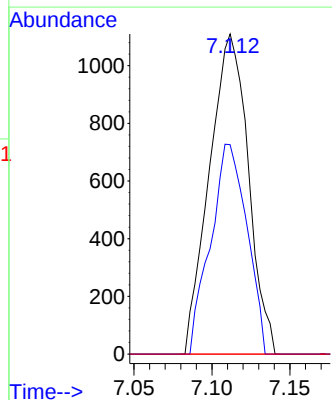
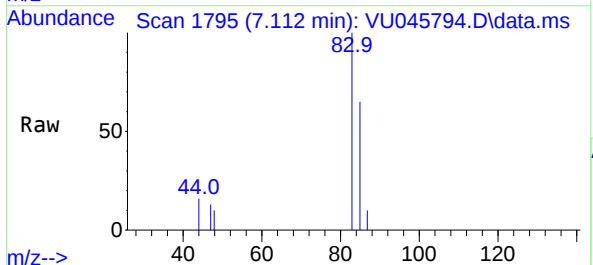
Manual Integrations
APPROVED

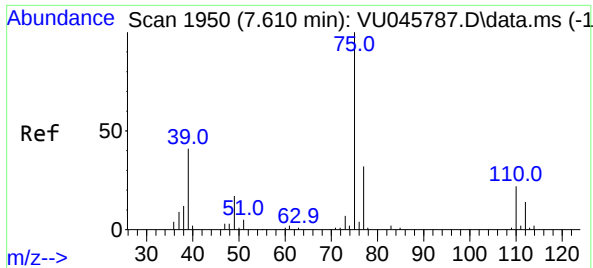
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#38
Bromodichloromethane
Concen: 0.202 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

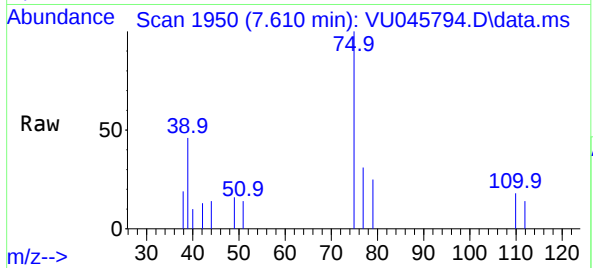
Tgt Ion: 83 Resp: 1927
Ion Ratio Lower Upper
83 100
85 65.4 44.0 81.8
127 0.0 6.3 9.5





#39
cis-1,3-Dichloropropene
Concen: 0.202 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

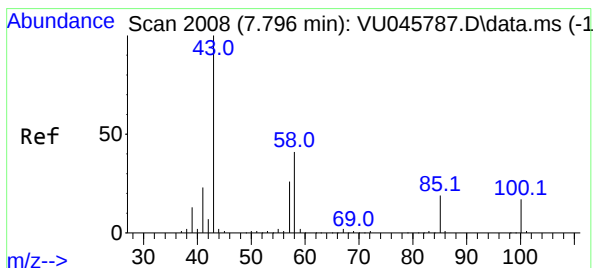
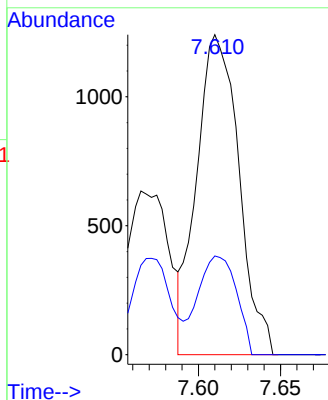
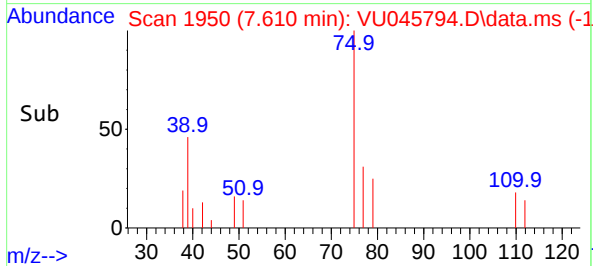
Instrument :
MSVOA_U
ClientSampleId :
MDL03



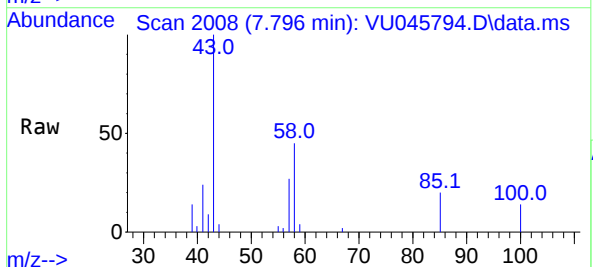
Tgt Ion: 75 Resp: 2218
Ion Ratio Lower Upper
75 100
77 30.9 22.5 41.9

Manual Integrations
APPROVED

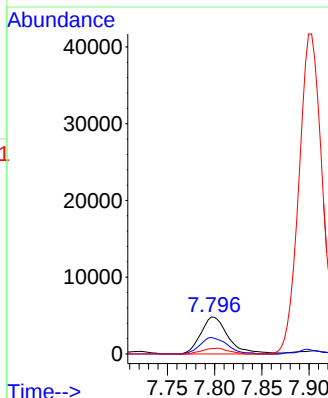
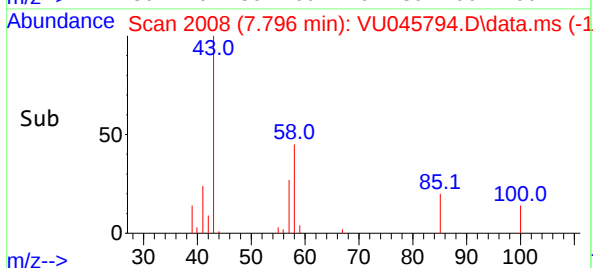
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

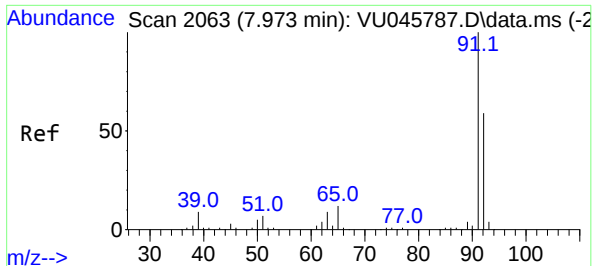


#40
4-Methyl-2-pentanone
Concen: 1.920 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10



Tgt Ion: 43 Resp: 9726
Ion Ratio Lower Upper
43 100
58 43.7 33.1 49.7
100 0.0 13.2 19.8#





#42

Toluene

Concen: 0.255 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 91 Resp: 7729

Ion Ratio Lower Upper

91 100

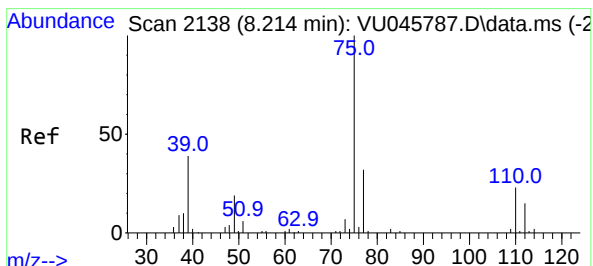
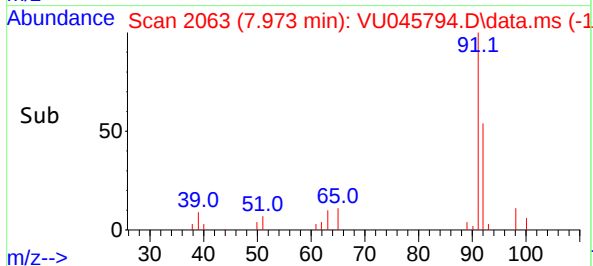
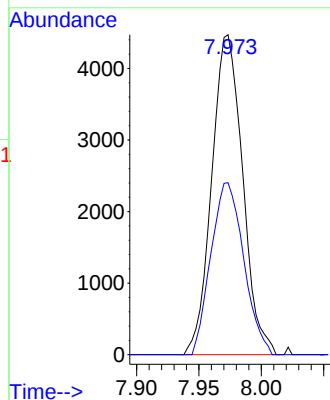
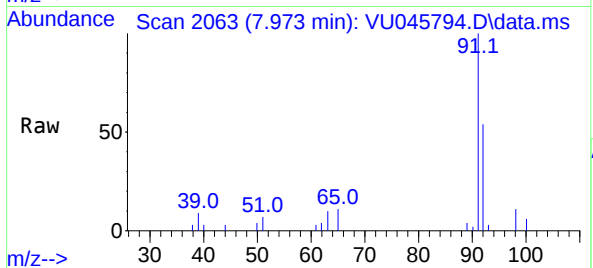
92 53.7 41.3 76.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#44

trans-1,3-Dichloropropene

Concen: 0.209 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045794.D

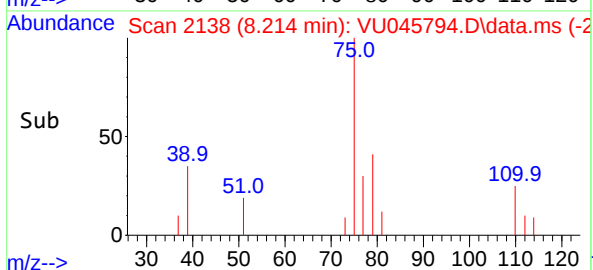
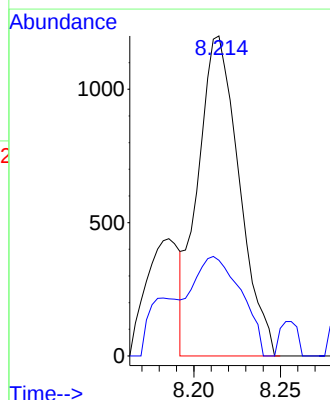
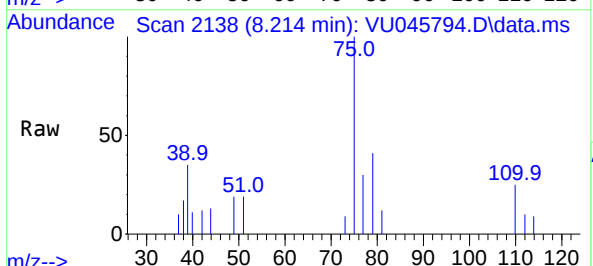
Acq: 15 Nov 2021 16:10

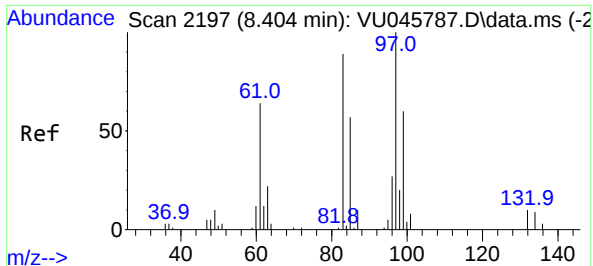
Tgt Ion: 75 Resp: 1992

Ion Ratio Lower Upper

75 100

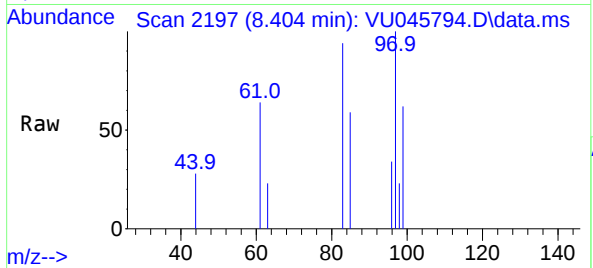
77 29.9 22.7 42.3





#45
1,1,2-Trichloroethane
Concen: 0.209 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

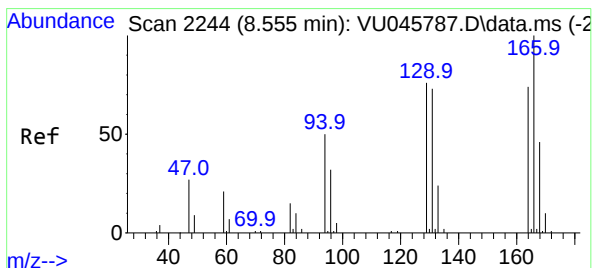
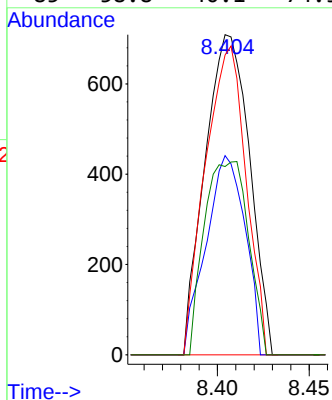
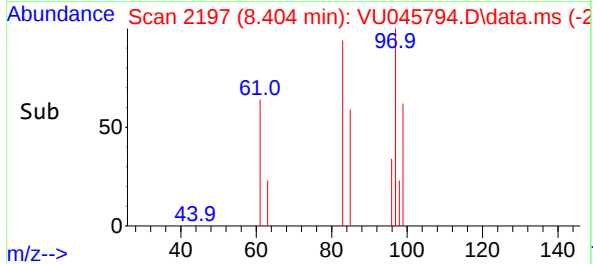
Instrument :
MSVOA_U
ClientSampleId :
MDL03



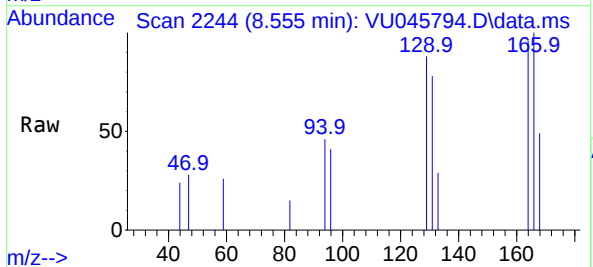
Tgt Ion: 97 Resp: 1198
Ion Ratio Lower Upper
97 100
99 62.2 42.3 78.5
83 93.7 62.0 115.2
85 58.8 40.1 74.5

Manual Integrations
APPROVED

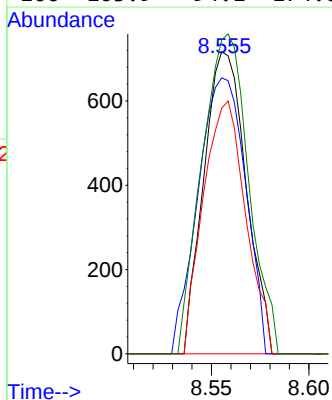
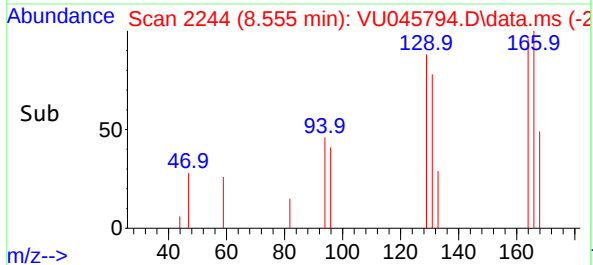
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

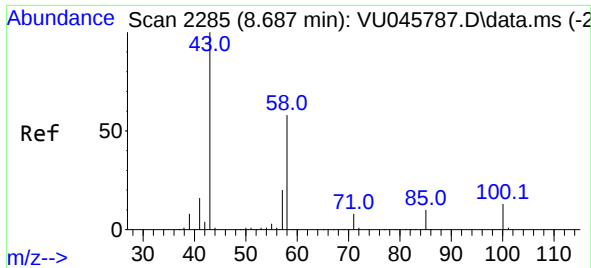


#47
Tetrachloroethene
Concen: 0.204 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10



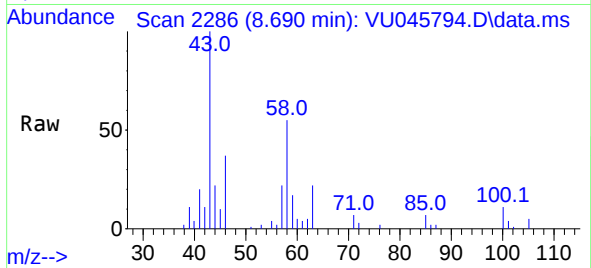
Tgt Ion:164 Resp: 1081
Ion Ratio Lower Upper
164 100
129 91.4 71.8 133.4
131 81.3 68.5 127.3
166 103.9 94.1 174.8





#48
2-Hexanone
Concen: 5.041 ug/L
RT: 8.690 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

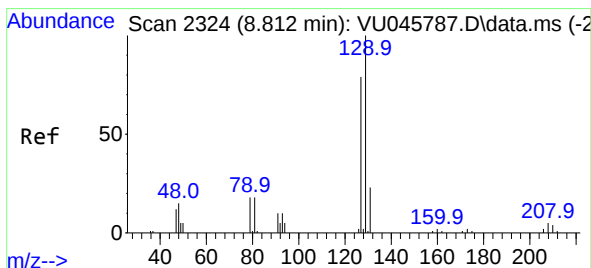
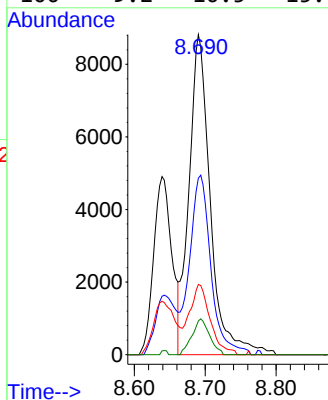
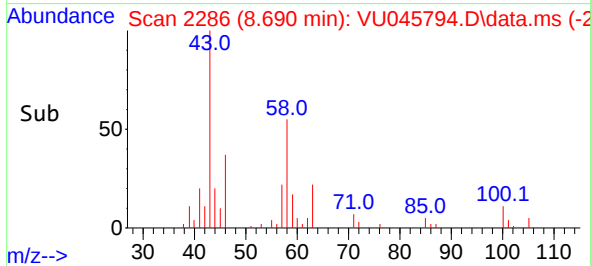
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 56.5 46.7 70.1
57 21.1 16.3 24.5
100 9.2 10.5 15.7#

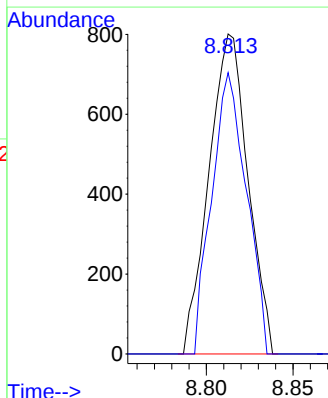
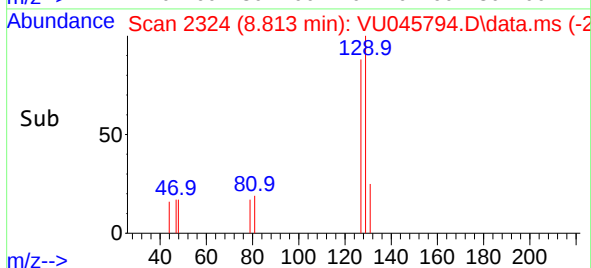
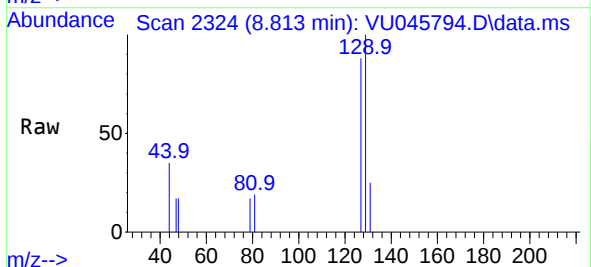
Manual Integrations
APPROVED

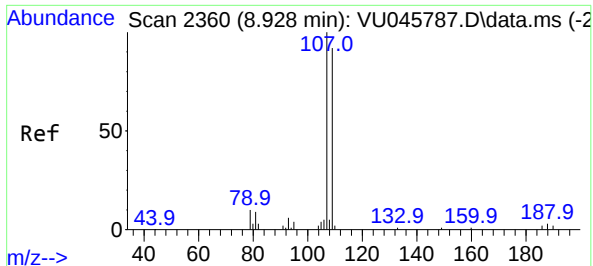
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#49
Dibromochloromethane
Concen: 0.192 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion:129 Resp: 1255
Ion Ratio Lower Upper
129 100
127 87.9 55.4 102.8





#50

1,2-Dibromoethane

Concen: 0.202 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

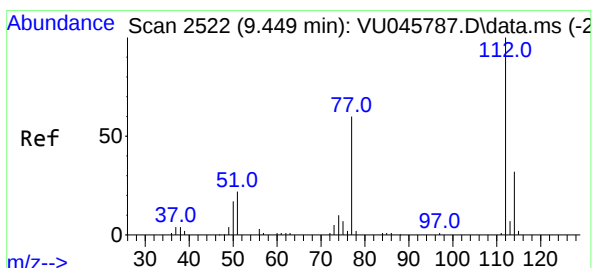
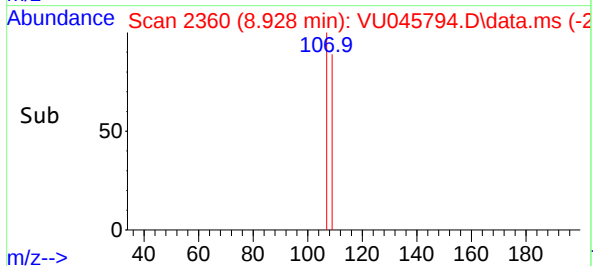
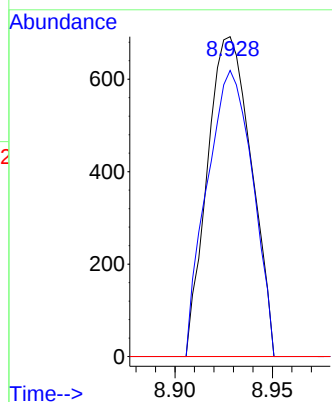
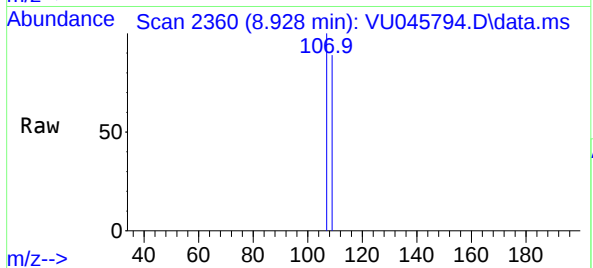
Tgt Ion:	107	Resp:	1089
Ion	Ratio	Lower	Upper
107	100		
109	89.5	64.0	119.0
188	0.0	2.4	3.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#51

Chlorobenzene

Concen: 0.210 ug/L

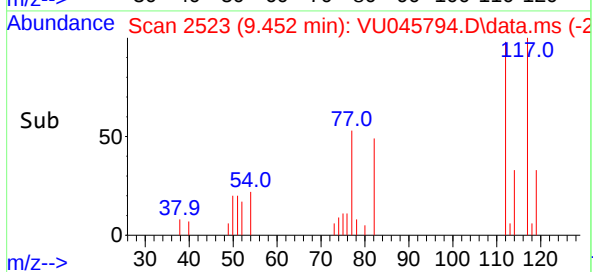
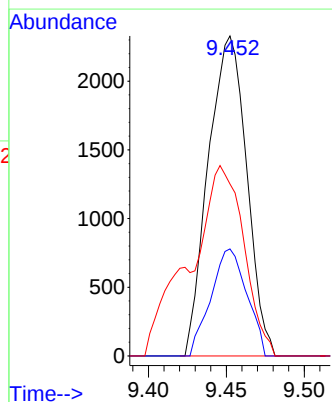
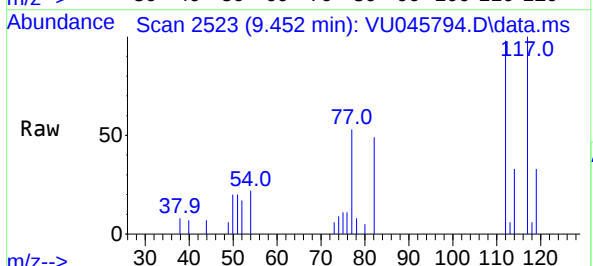
RT: 9.452 min Scan# 2523

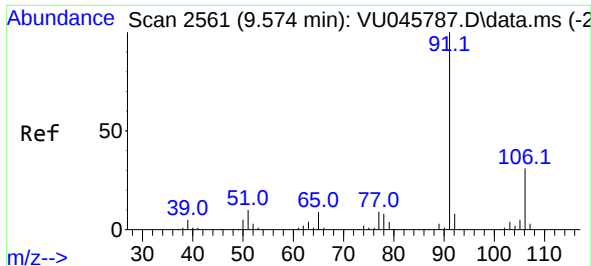
Delta R.T. 0.003 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Tgt Ion:	112	Resp:	3994
Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.1	41.1
77	53.8	48.3	72.5





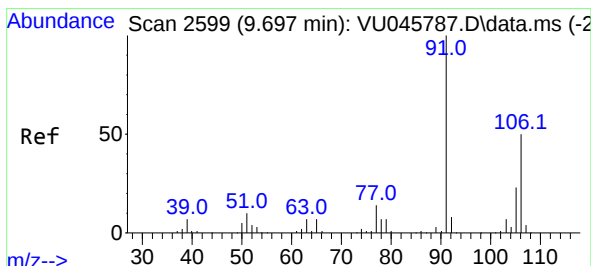
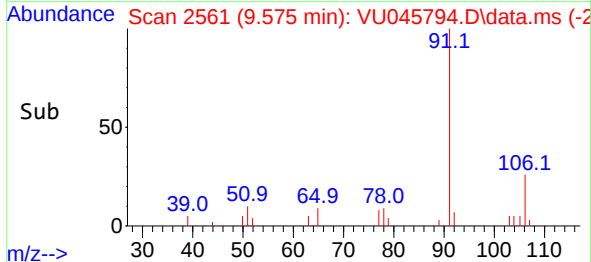
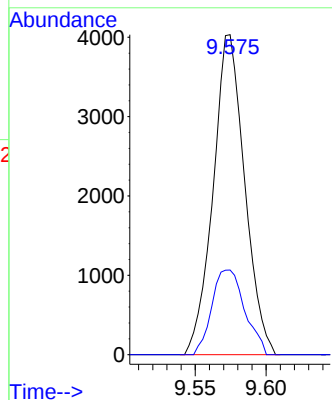
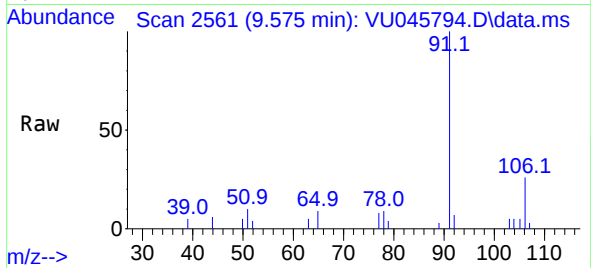
#52
Ethylbenzene
Concen: 0.197 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 91 Resp: 6244
Ion Ratio Lower Upper
91 100
106 26.4 21.5 39.9

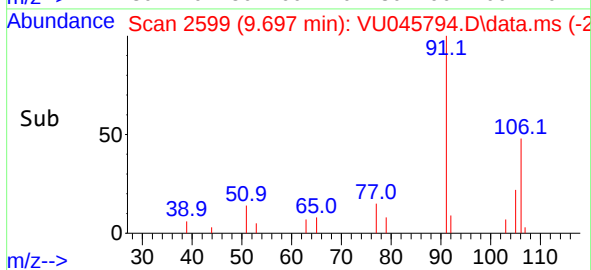
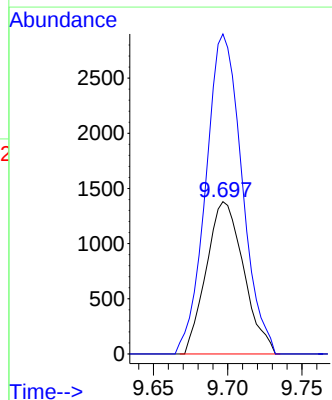
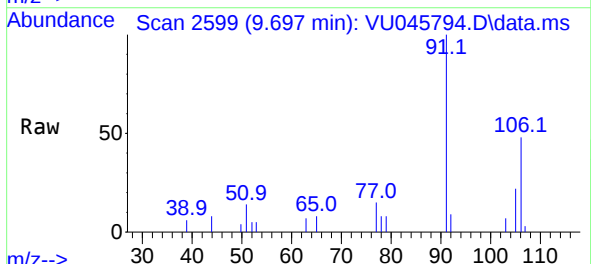
Manual Integrations
APPROVED

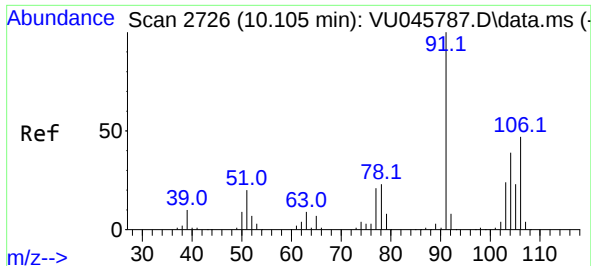
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#53
m,p-Xylene
Concen: 0.199 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion:106 Resp: 2412
Ion Ratio Lower Upper
106 100
91 210.0 139.4 259.0





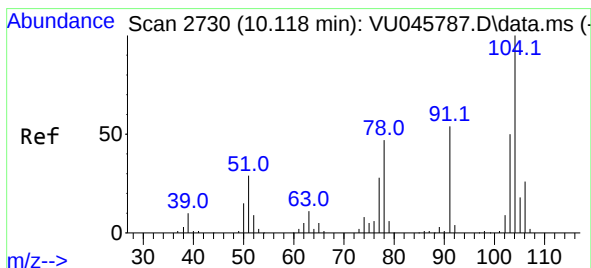
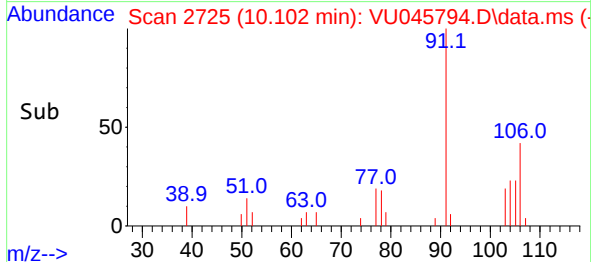
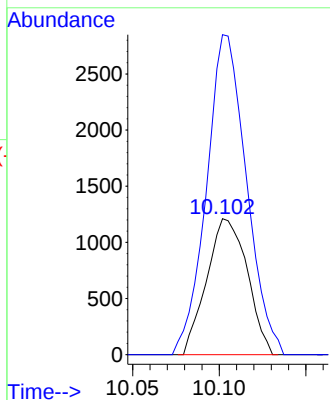
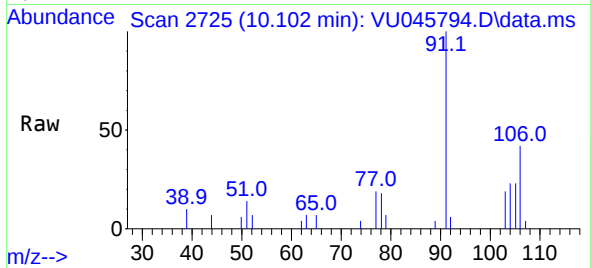
#54
o-Xylene
Concen: 0.168 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:106 Resp: 1968
Ion Ratio Lower Upper
106 100
91 235.3 147.5 273.9

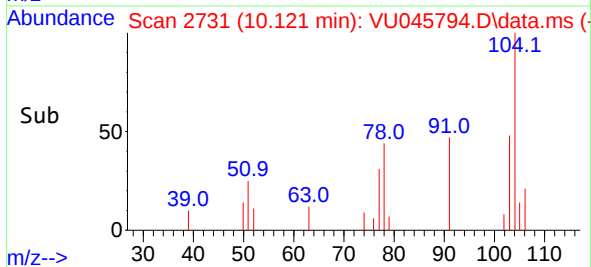
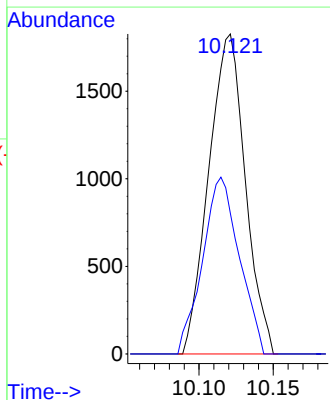
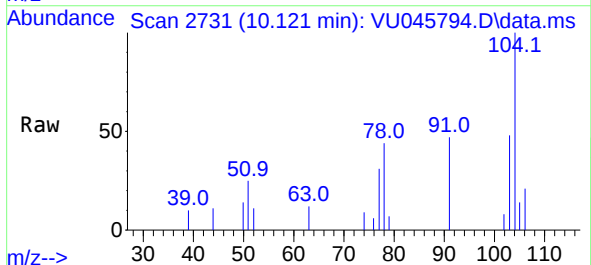
Manual Integrations
APPROVED

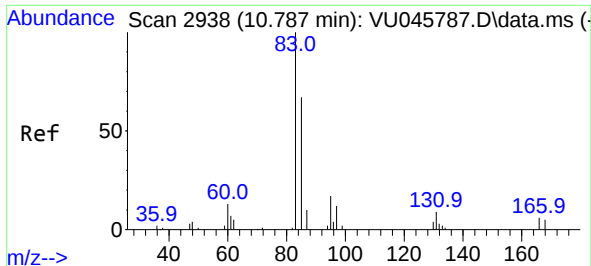
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#55
Styrene
Concen: 0.159 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion:104 Resp: 3129
Ion Ratio Lower Upper
104 100
78 44.0 33.0 61.4





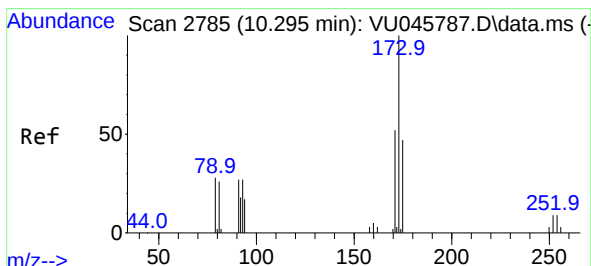
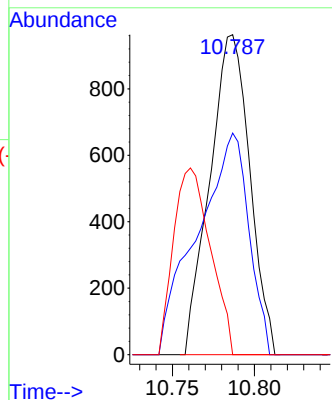
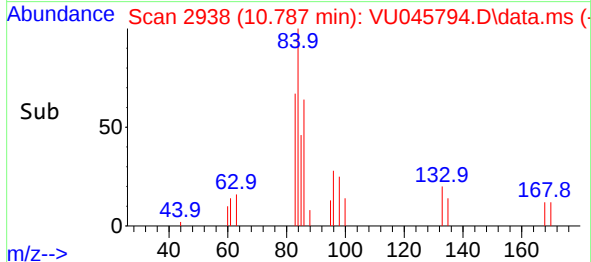
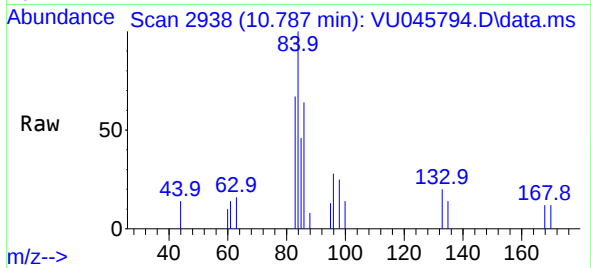
#57
1,1,2,2-Tetrachloroethane
Concen: 0.222 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 83 Resp: 163
Ion Ratio Lower Upper
83 100
85 69.3 47.9 89.1
131 0.0 8.1 12.1

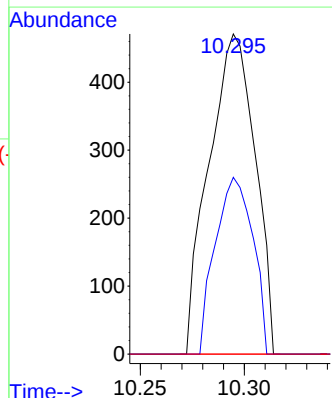
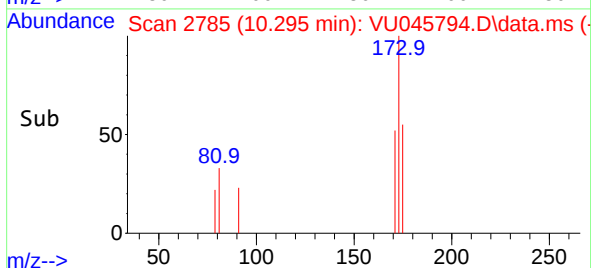
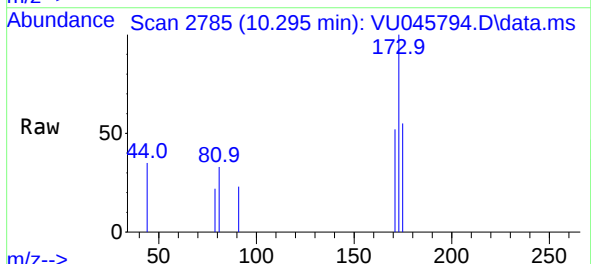
Manual Integrations
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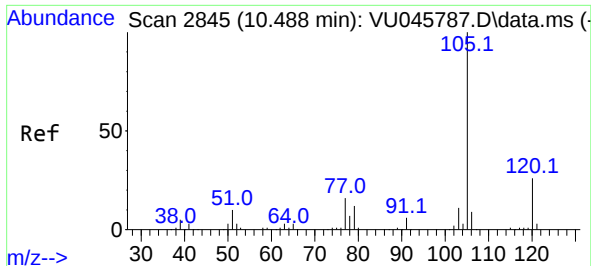
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#59
Bromoform
Concen: 0.233 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

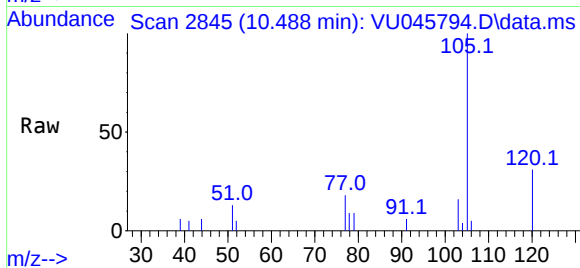
Tgt Ion:173 Resp: 727
Ion Ratio Lower Upper
173 100
175 44.8 37.8 56.6
254 0.0 7.3 10.9





#60
Isopropylbenzene
Concen: 0.186 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

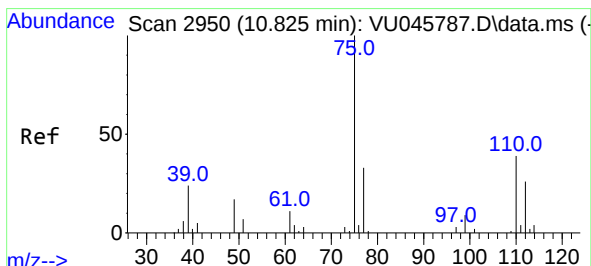
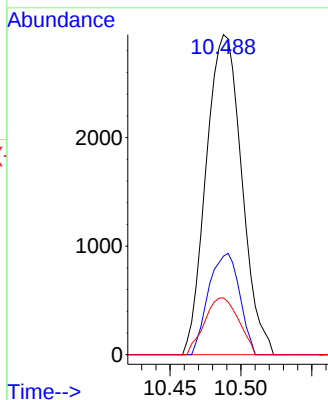
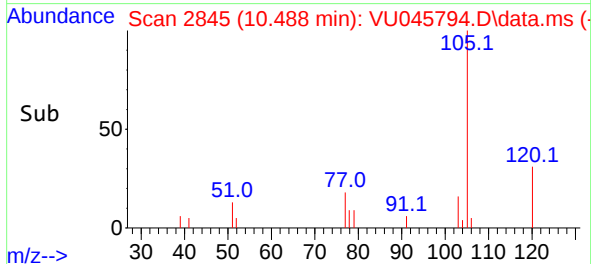
Instrument :
MSVOA_U
ClientSampleId :
MDL03



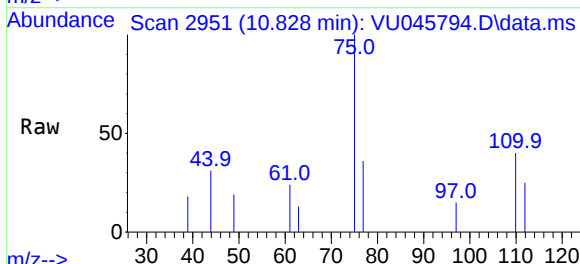
Tgt Ion:105 Resp: 5144
Ion Ratio Lower Upper
105 100
120 27.6 20.7 31.1
77 17.0 12.6 19.0

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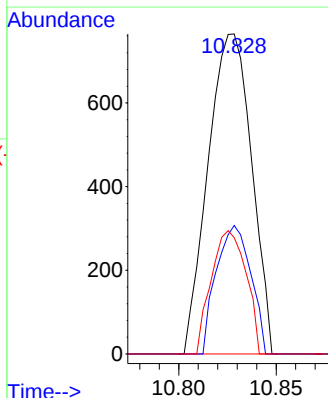
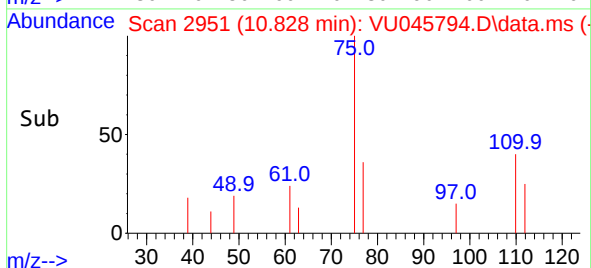
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

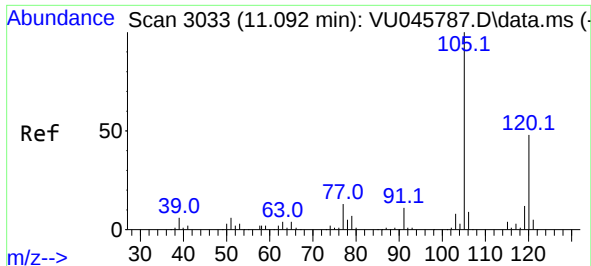


#61
1,2,3-Trichloropropane
Concen: 0.243 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10



Tgt Ion: 75 Resp: 1188
Ion Ratio Lower Upper
75 100
110 31.8 29.9 44.9
77 30.8 25.5 38.3





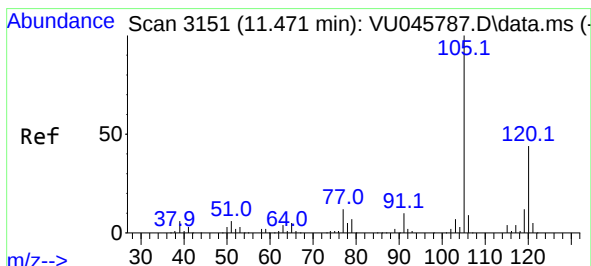
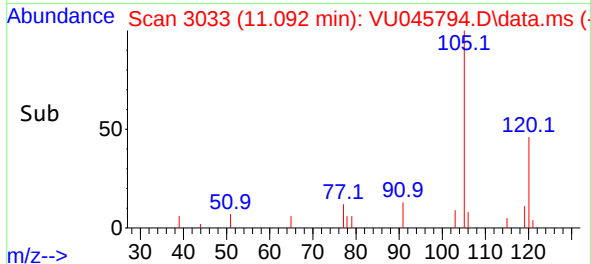
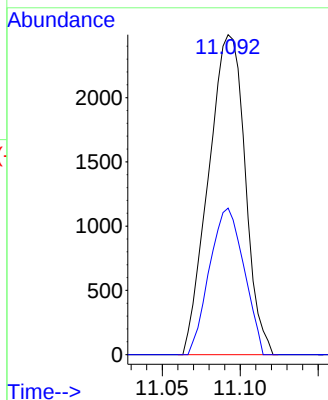
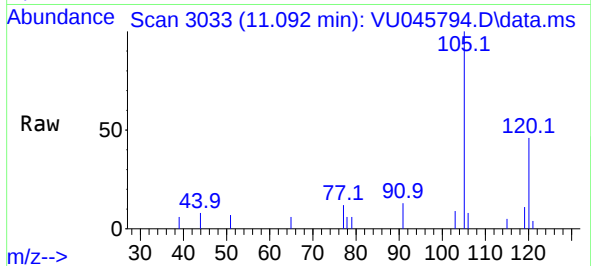
#62
1,3,5-Trimethylbenzene
Concen: 0.180 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:105 Resp: 405
Ion Ratio Lower Upper
105 100
120 43.2 38.3 57.5

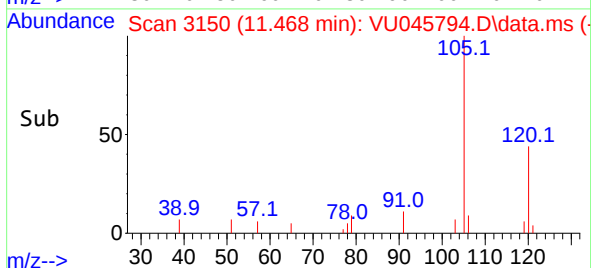
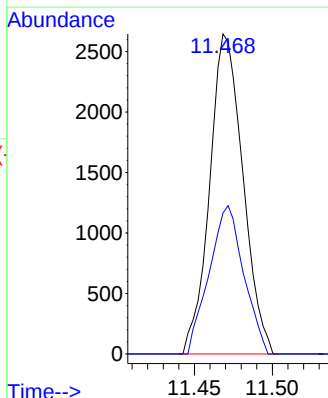
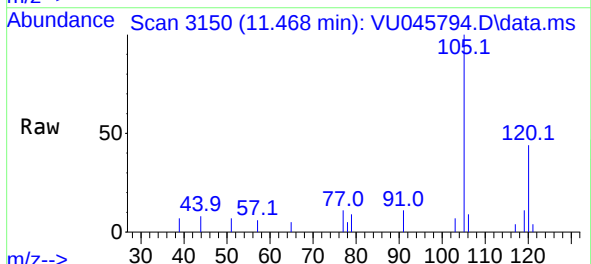
Manual Integrations
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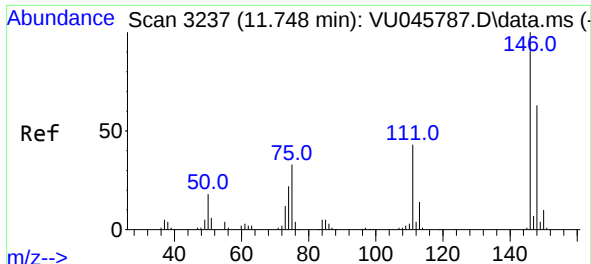
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#63
1,2,4-Trimethylbenzene
Concen: 0.173 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

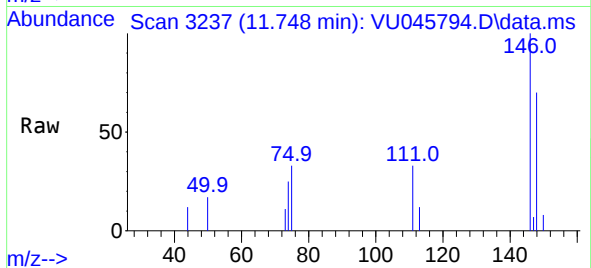
Tgt Ion:105 Resp: 3923
Ion Ratio Lower Upper
105 100
120 48.0 35.8 53.8





#64
1,3-Dichlorobenzene
Concen: 0.229 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

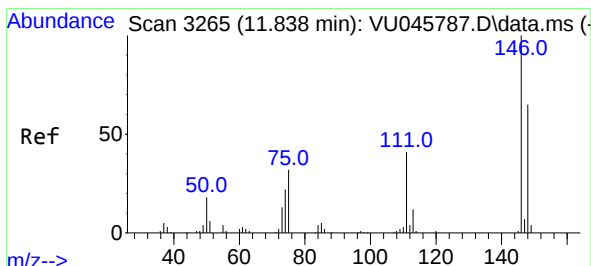
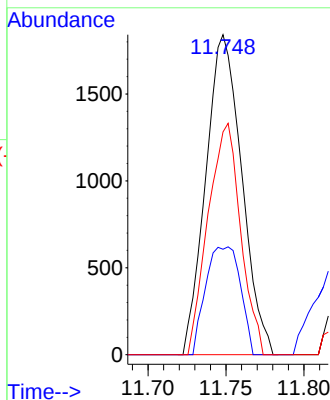
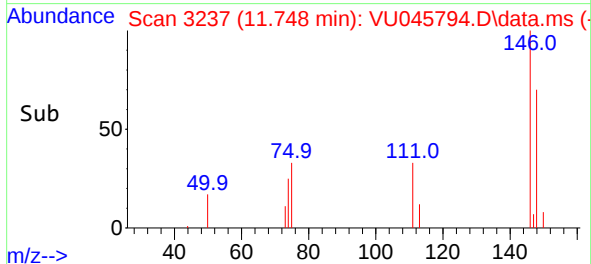
Instrument :
MSVOA_U
ClientSampleId :
MDL03



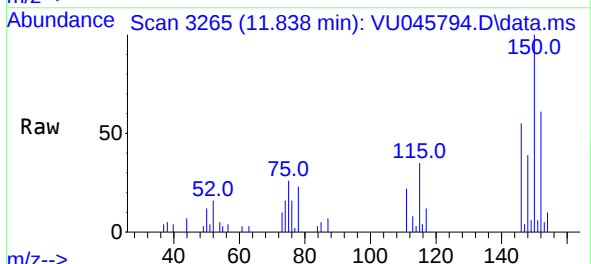
Tgt Ion:146 Resp: 2950
Ion Ratio Lower Upper
146 100
111 33.0 29.9 55.5
148 69.6 44.3 82.3

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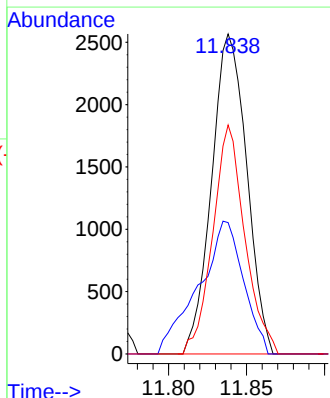
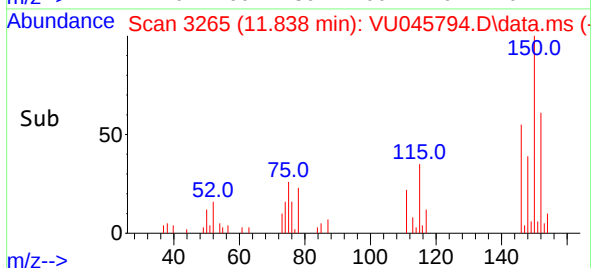
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

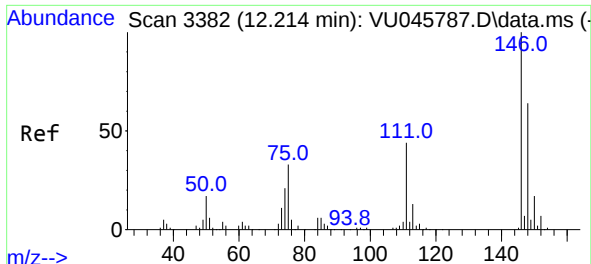


#65
1,4-Dichlorobenzene
Concen: 0.307 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10



Tgt Ion:146 Resp: 4018
Ion Ratio Lower Upper
146 100
111 41.1 28.7 53.3
148 71.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 0.241 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

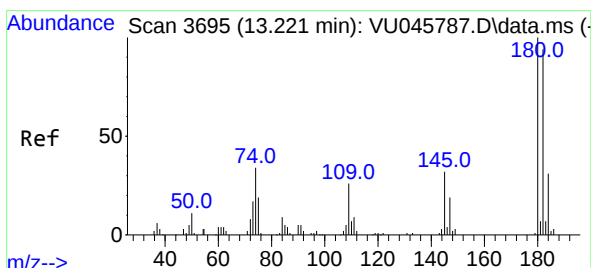
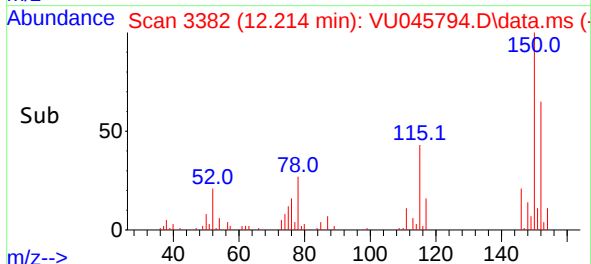
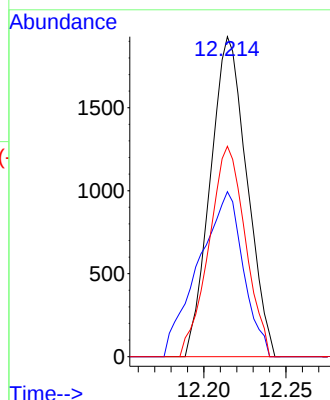
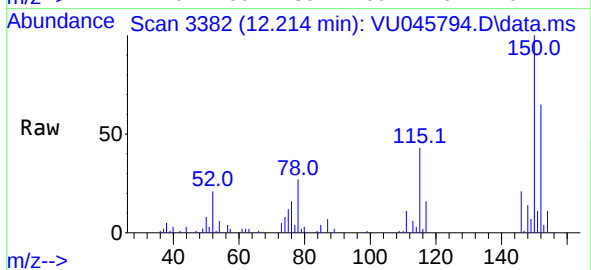
Tgt Ion:146	Resp:	297
Ion Ratio	Lower	Upper
146	100	
111	51.6	35.4 53.0
148	65.8	51.1 76.7

Manual Integrations

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Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#69

1,3,5-Trichlorobenzene

Concen: 0.203 ug/L

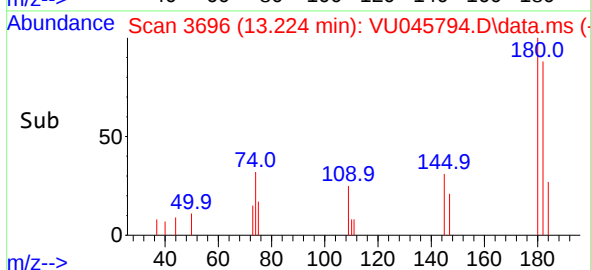
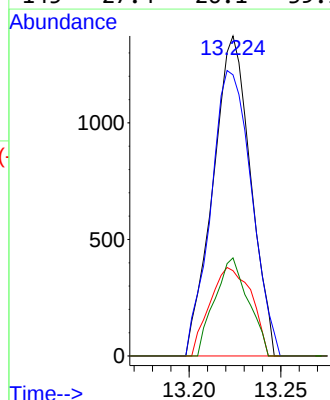
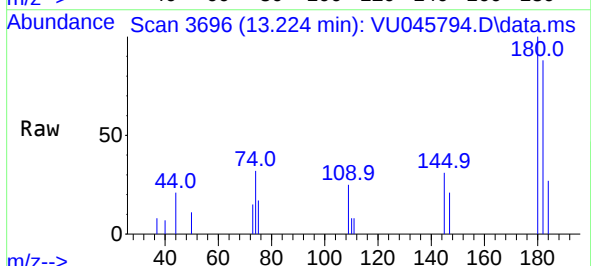
RT: 13.224 min Scan# 3696

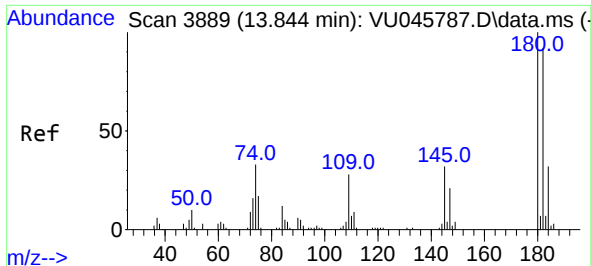
Delta R.T. 0.003 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

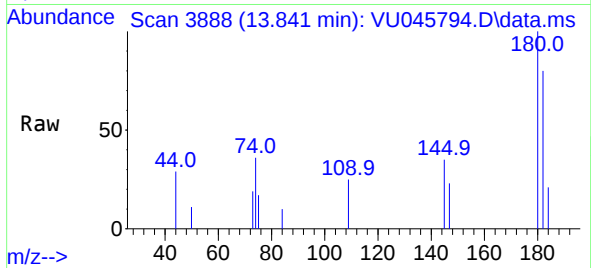
Tgt Ion:180	Resp:	1959
Ion Ratio	Lower	Upper
180	100	
182	96.5	76.1 114.1
184	30.5	25.0 37.4
145	27.4	26.1 39.1





#70
1,2,4-trichlorobenzene
Concen: 0.201 ug/L
RT: 13.841 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

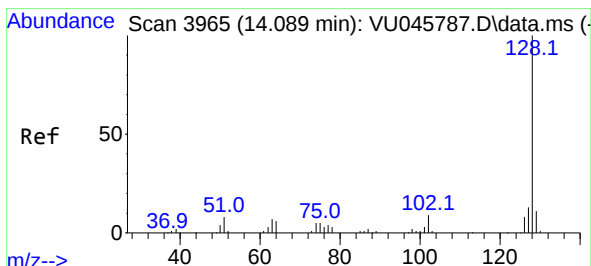
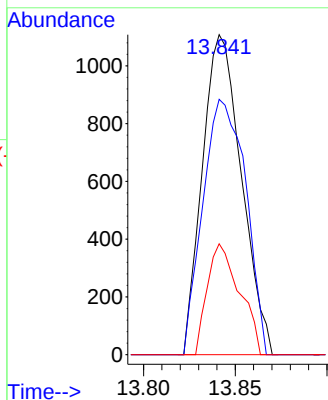
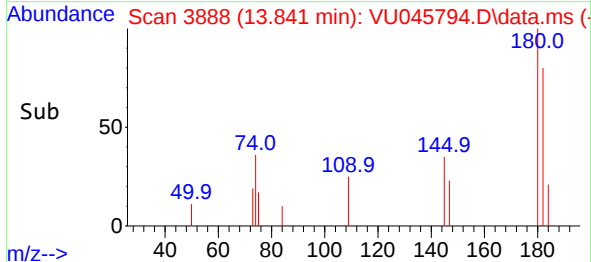
Instrument :
MSVOA_U
ClientSampleId :
MDL03



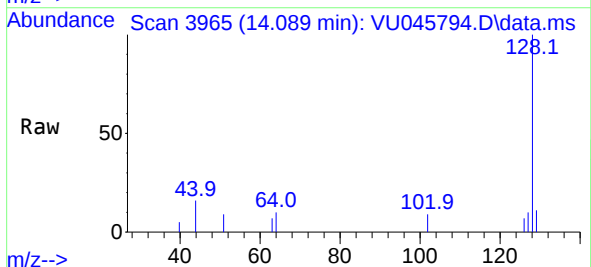
Tgt Ion:180 Resp: 164
Ion Ratio Lower Upper
180 100
182 87.3 76.4 114.6
145 28.7 25.6 38.4

Manual Integrations
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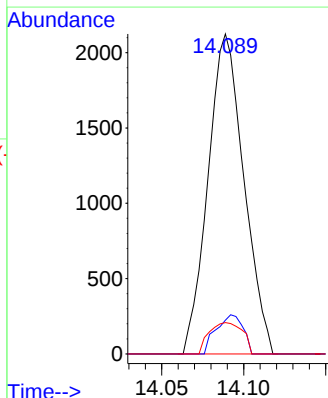
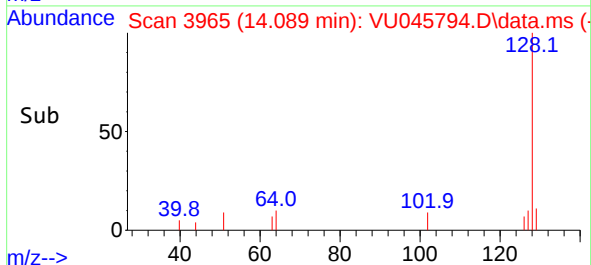
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

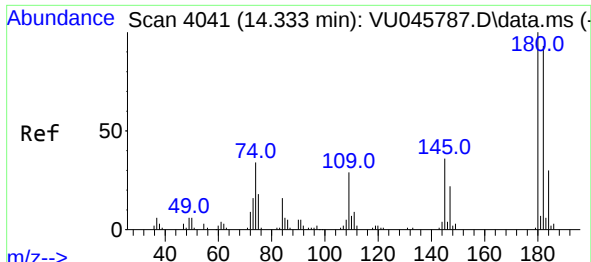


#71
Naphthalene
Concen: 0.192 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10



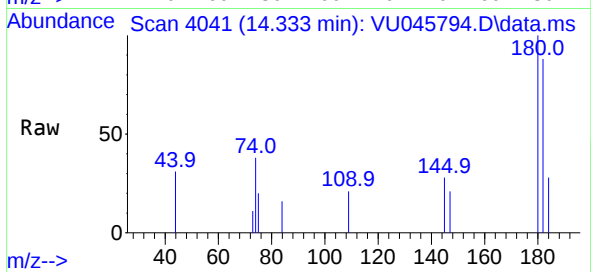
Tgt Ion:128 Resp: 3223
Ion Ratio Lower Upper
128 100
129 9.2 8.4 12.6
127 9.1 10.2 15.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.213 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VU045794.D
 Acq: 15 Nov 2021 16:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03



Tgt Ion:180 Resp: 1729
 Ion Ratio Lower Upper
 180 100
 182 83.9 76.2 114.4
 145 27.9 28.4 42.6

Manual Integrations
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Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/16/2021

