

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045796.D
 Acq On : 15 Nov 2021 17:00
 Operator : SY/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 03:35:28 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	103763	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46868	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36097	4.391	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.919	69	27851	4.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.571	65	15202	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.652	46	113617	51.571	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.140%
24) Chloroform-d	5.070	84	63953	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.706	65	38370	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.732	84	133381	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.694	67	42748	4.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.899	98	113722	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.182	79	17409	4.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.636	63	84517	51.089	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39013	5.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	42556	5.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1450	0.172	ug/L	97
3) Chloromethane	1.523	50	3591	0.401	ug/L	96
5) Vinyl chloride	1.607	62	1833	0.204	ug/L #	35
6) Bromomethane	1.861	94	1124	0.211	ug/L	94
8) Chloroethane	1.938	64	1096	0.214	ug/L	95
9) Trichlorofluoromethane	2.144	101	2209	0.190	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1589	0.234	ug/L #	75
12) 1,1-Dichloroethene	2.584	96	1566	0.244	ug/L #	1
13) Acetone	2.684	43	5057	3.900	ug/L	41
14) Carbon disulfide	2.800	76	3918	0.193	ug/L	97
15) Methyl Acetate	2.980	43	1178m	0.370	ug/L	
16) Methylene chloride	3.051	84	3427	0.361	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	3339	0.200	ug/L #	90
18) trans-1,2-Dichloroethene	3.359	96	1301	0.189	ug/L	89
19) 1,1-Dichloroethane	3.877	63	2484	0.193	ug/L #	84
21) 2-Butanone	4.732	43	5767m	2.643	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	1486	0.199	ug/L	86
23) Bromochloromethane	4.980	128	680	0.209	ug/L	96
25) Chloroform	5.092	83	6990	0.500	ug/L	100

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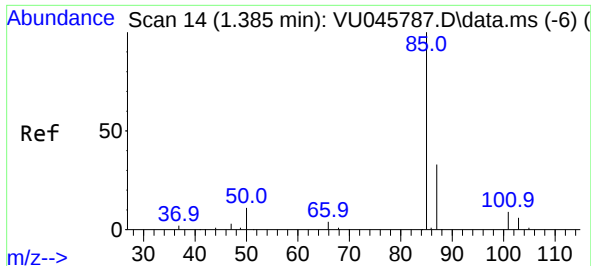
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Quant Time: Nov 16 03:35:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	1909	0.214	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	2236	0.197	ug/L	98
30) Cyclohexane	5.395	56	1755	0.156	ug/L	98
31) Carbon tetrachloride	5.526	117	1779	0.187	ug/L	100
33) Benzene	5.777	78	6104	0.210	ug/L	100
34) Trichloroethene	6.546	95	1474	0.196	ug/L	95
35) Methylcyclohexane	6.767	83	1816	0.158	ug/L	95
37) 1,2-Dichloropropane	6.793	63	1522	0.199	ug/L #	88
38) Bromodichloromethane	7.108	83	1910	0.202	ug/L #	92
39) cis-1,3-Dichloropropene	7.610	75	2332	0.214	ug/L	88
40) 4-Methyl-2-pentanone	7.793	43	10547	2.099	ug/L #	88
42) Toluene	7.973	91	7849	0.261	ug/L	94
44) trans-1,3-Dichloropropene	8.211	75	1909	0.202	ug/L	95
45) 1,1,2-Trichloroethane	8.407	97	1156	0.203	ug/L #	85
47) Tetrachloroethene	8.555	164	830	0.158	ug/L	88
48) 2-Hexanone	8.690	43	16549	4.559	ug/L	96
49) Dibromochloromethane	8.812	129	1282	0.198	ug/L	97
50) 1,2-Dibromoethane	8.925	107	1126	0.210	ug/L #	94
51) Chlorobenzene	9.449	112	3834	0.203	ug/L	93
52) Ethylbenzene	9.574	91	5945	0.189	ug/L	97
53) m,p-Xylene	9.693	106	2142	0.178	ug/L	94
54) o-Xylene	10.102	106	2169	0.187	ug/L	95
55) Styrene	10.115	104	3144	0.161	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	1587	0.218	ug/L #	86
59) Bromoform	10.291	173	670	0.216	ug/L #	80
60) Isopropylbenzene	10.488	105	4856	0.176	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	1253	0.258	ug/L #	89
62) 1,3,5-Trimethylbenzene	11.089	105	3789	0.168	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	3830	0.170	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	2380	0.185	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	3542	0.272	ug/L	95
67) 1,2-Dichlorobenzene	12.217	146	2808	0.228	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	1517	0.158	ug/L	95
70) 1,2,4-trichlorobenzene	13.844	180	1442	0.177	ug/L	94
71) Naphthalene	14.089	128	3234	0.194	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.327	180	1387	0.172	ug/L	98

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



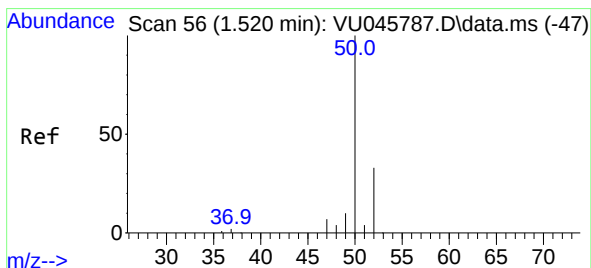
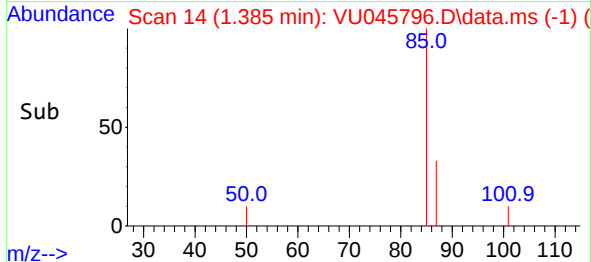
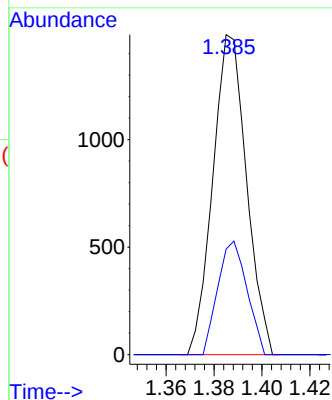
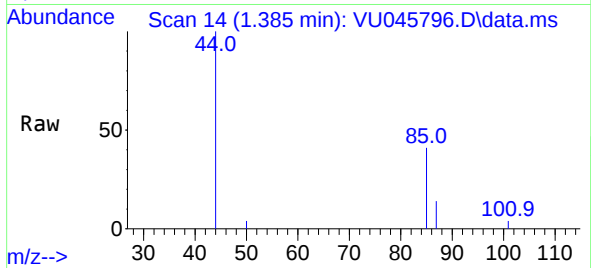
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Dichlorodifluoromethane
Concen: 0.172 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 85 Resp: 1450
Ion Ratio Lower Upper
85 100
87 30.6 25.8 38.6

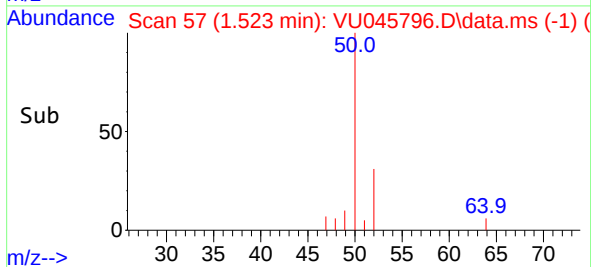
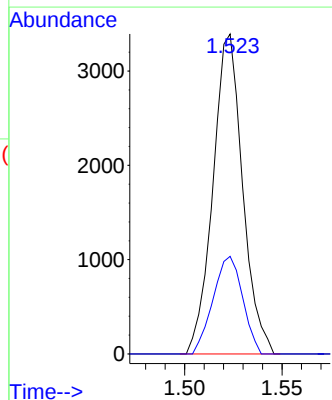
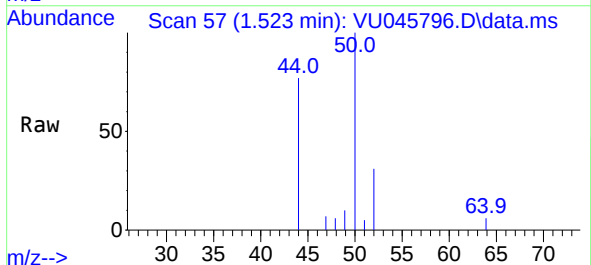
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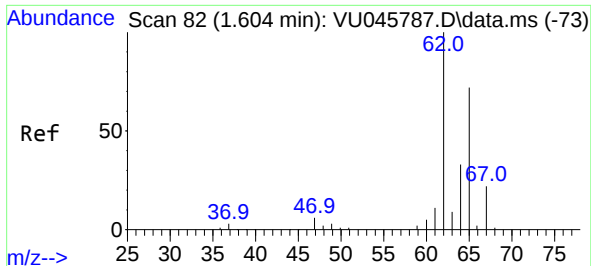
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#3
Chloromethane
Concen: 0.401 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 50 Resp: 3591
Ion Ratio Lower Upper
50 100
52 30.5 23.0 42.8





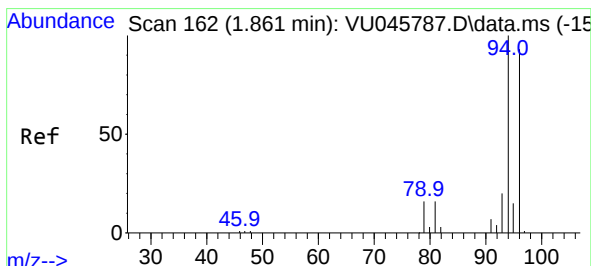
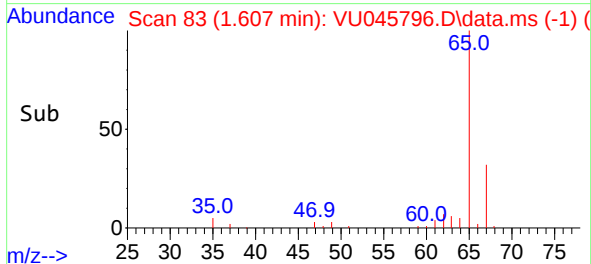
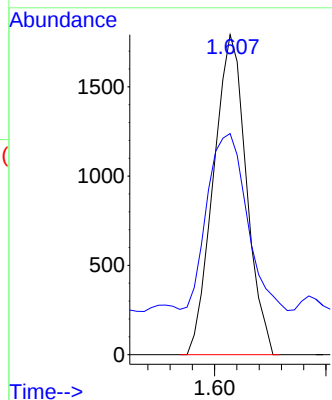
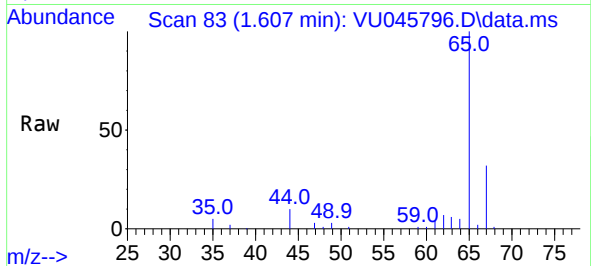
#5
 Vinyl chloride
 Concen: 0.204 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU045796.D
 Acq: 15 Nov 2021 17:00

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion: 62 Resp: 183
 Ion Ratio Lower Upper
 62 100
 64 69.1 22.9 42.5

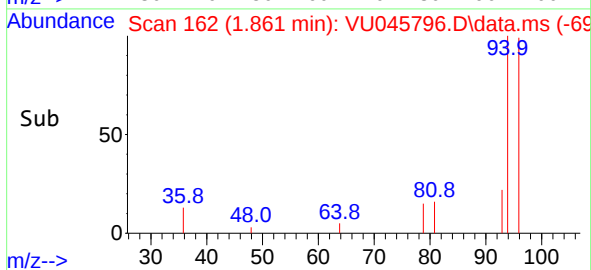
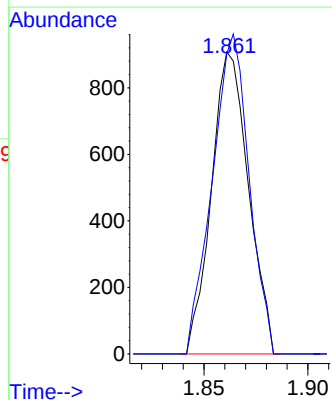
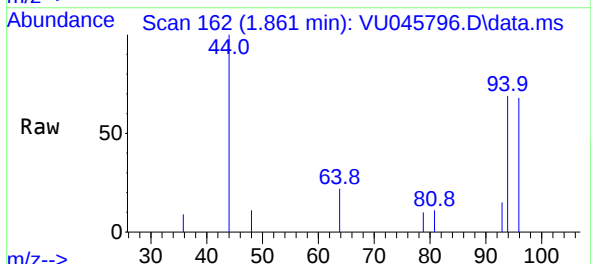
Manual Integrations
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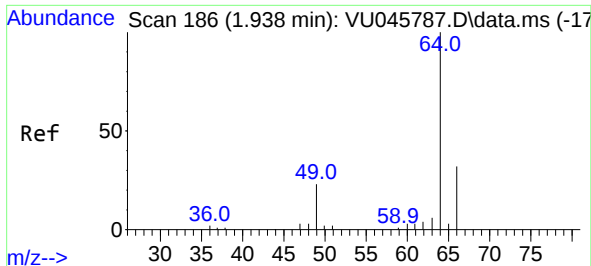
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#6
 Bromomethane
 Concen: 0.211 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045796.D
 Acq: 15 Nov 2021 17:00

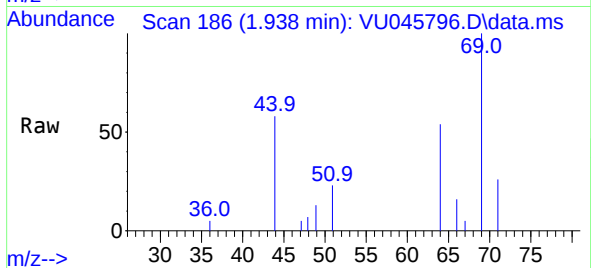
Tgt Ion: 94 Resp: 1124
 Ion Ratio Lower Upper
 94 100
 96 99.3 65.5 121.6





#8
Chloroethane
Concen: 0.214 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

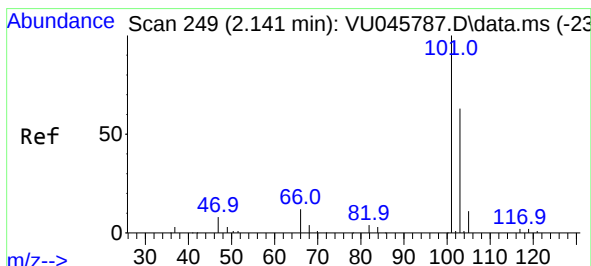
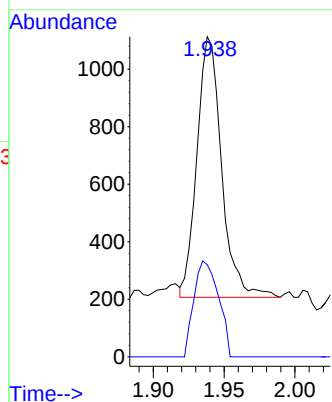
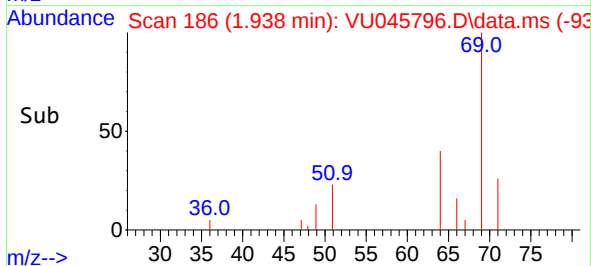
Instrument :
MSVOA_U
ClientSampleId :
MDL05



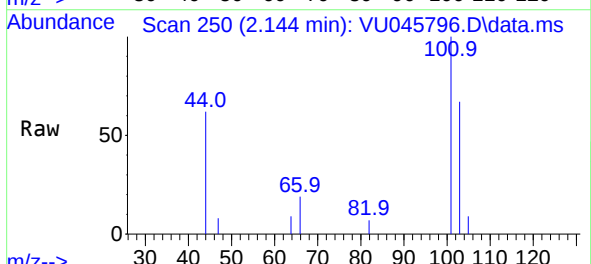
Tgt Ion: 64 Resp: 1090
Ion Ratio Lower Upper
64 100
66 28.8 22.1 41.1

Manual Integrations
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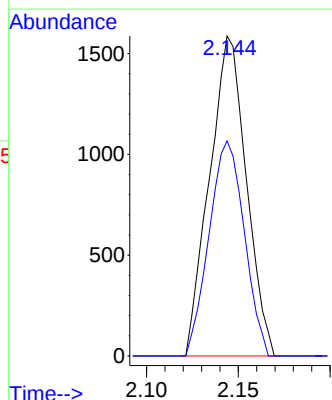
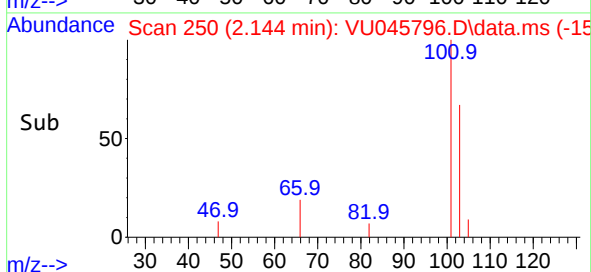
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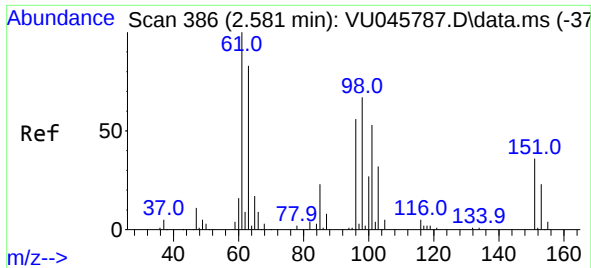


#9
Trichlorofluoromethane
Concen: 0.190 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00



Tgt Ion:101 Resp: 2209
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3





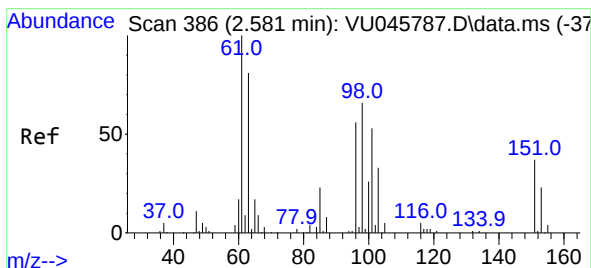
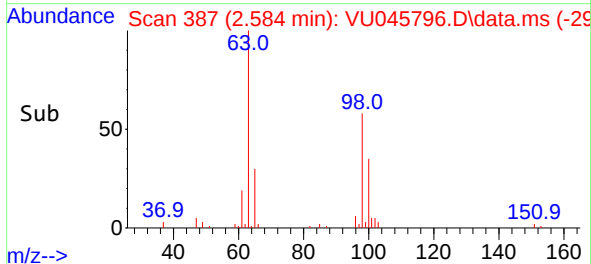
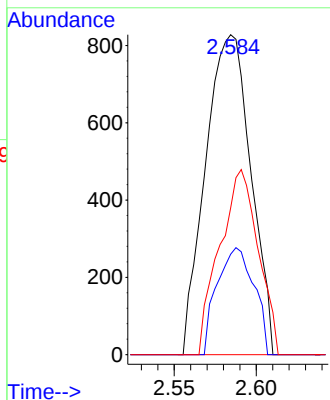
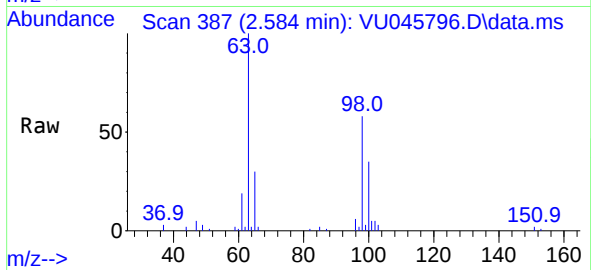
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.234 ug/L
RT: 2.584 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 1589
Ion Ratio Lower Upper
101 100
85 27.1 34.6 51.8
151 49.3 56.1 84.1

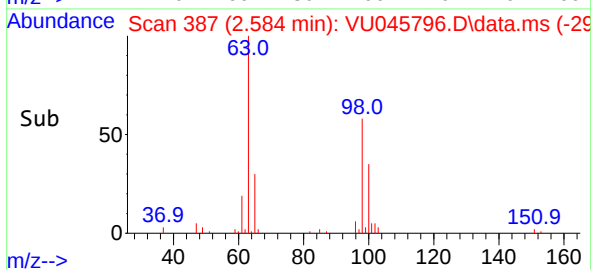
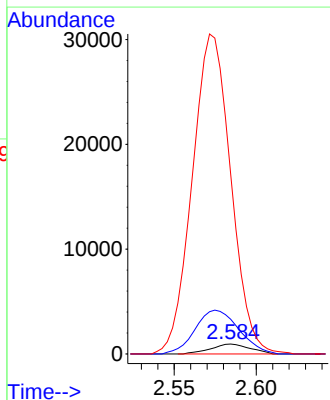
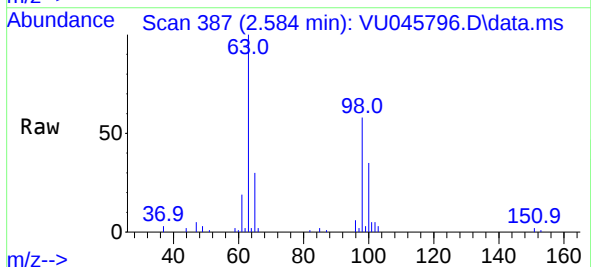
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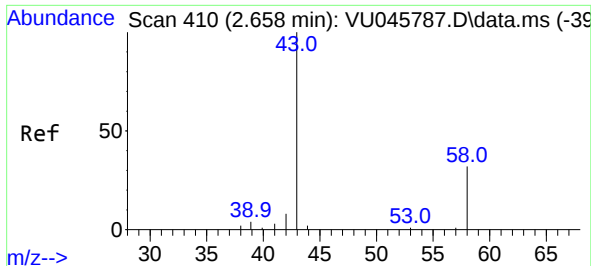
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 0.244 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 96 Resp: 1566
Ion Ratio Lower Upper
96 100
61 348.7 124.7 231.5#
63 1805.5 105.2 195.4#





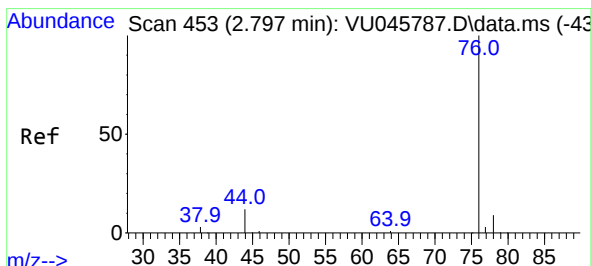
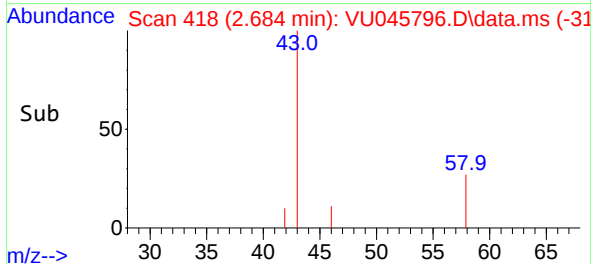
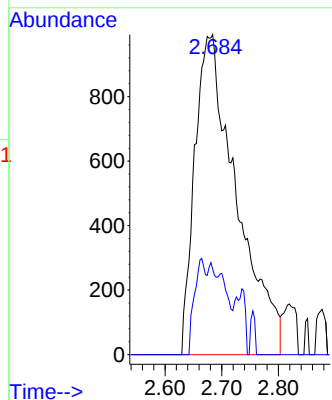
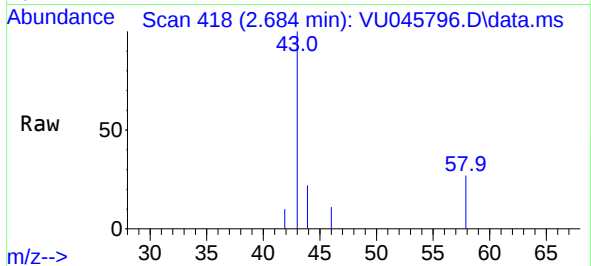
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Acetone
Concen: 3.900 ug/L
RT: 2.684 min Scan# 41
Delta R.T. 0.026 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
58 1.1 0.0 71.6

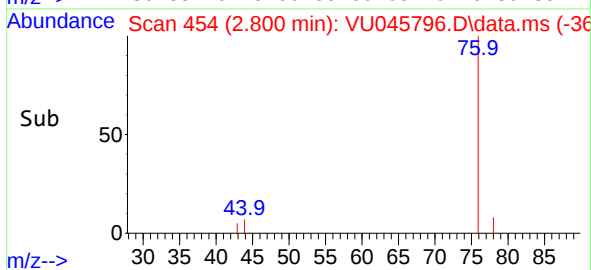
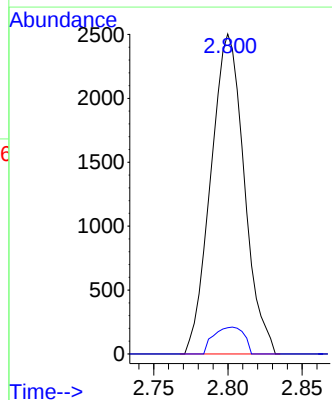
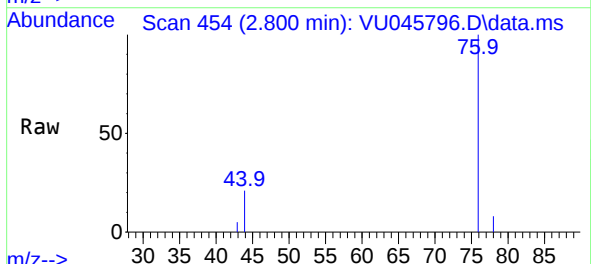
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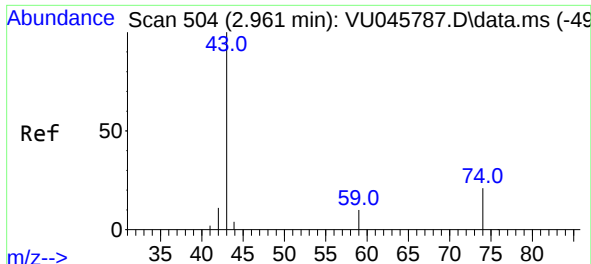
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Carbon disulfide
Concen: 0.193 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

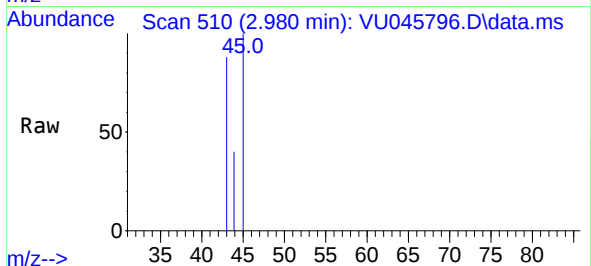
Tgt Ion: 76 Resp: 3918
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3





#15
Methyl Acetate
Concen: 0.370 ug/L m
RT: 2.980 min Scan# 510
Delta R.T. 0.019 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

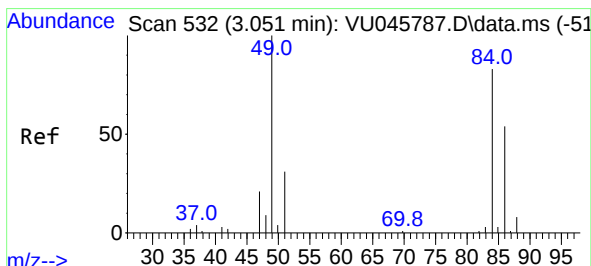
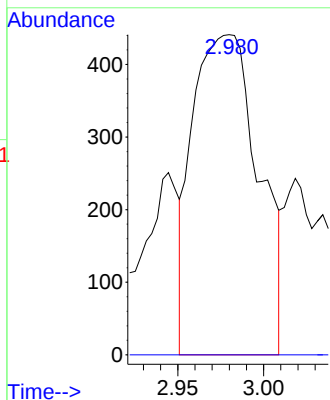
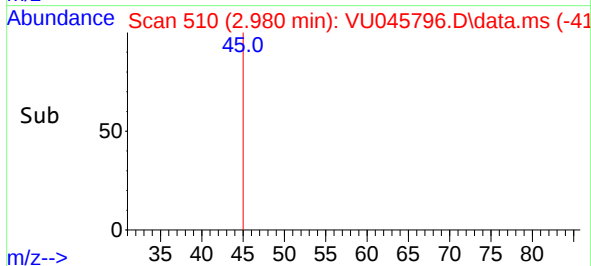
Instrument :
MSVOA_U
ClientSampleId :
MDL05



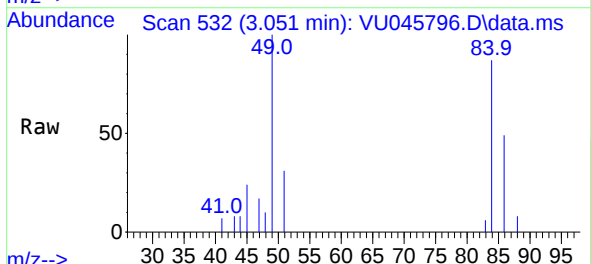
Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7

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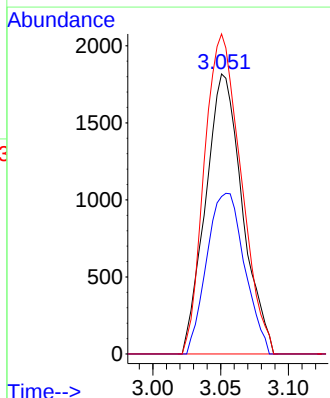
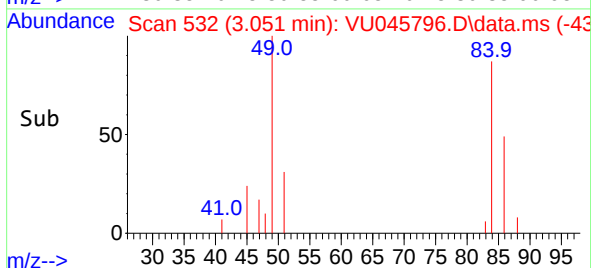
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

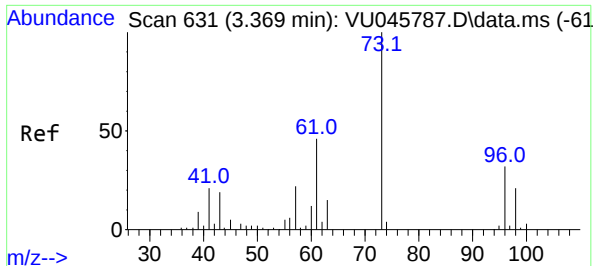


#16
Methylene chloride
Concen: 0.361 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00



Tgt Ion: 84 Resp: 3427
Ion Ratio Lower Upper
84 100
86 56.2 45.8 85.0
49 114.3 84.5 156.9





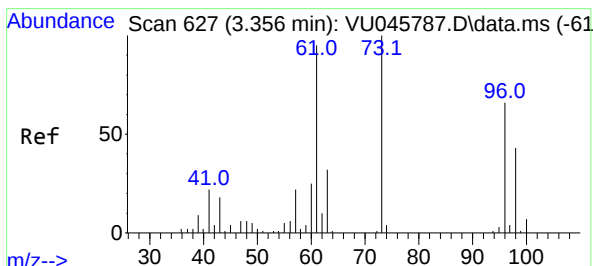
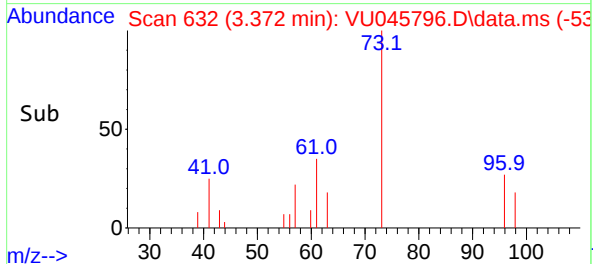
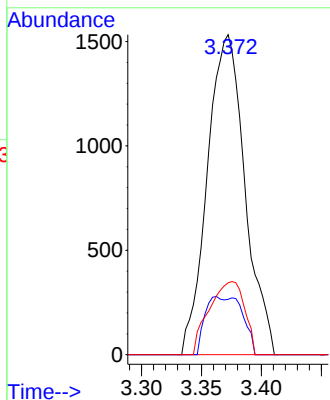
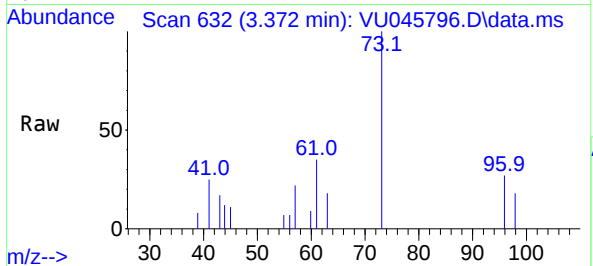
#17
Methyl tert-butyl Ether
Concen: 0.200 ug/L
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 73 Resp: 3339
Ion Ratio Lower Upper
73 100
43 9.5 14.8 22.2
57 21.4 17.4 26.0

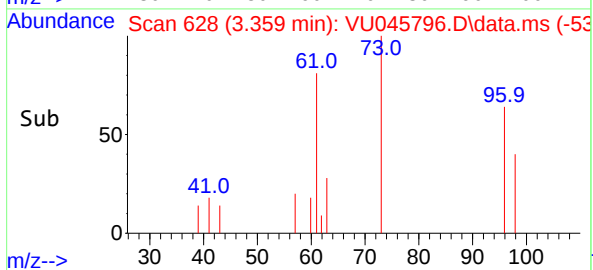
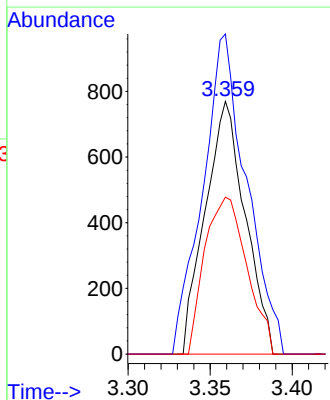
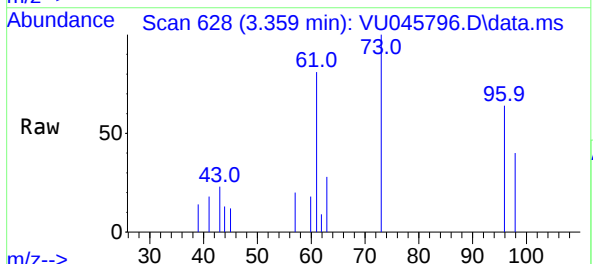
Manual Integrations
APPROVED

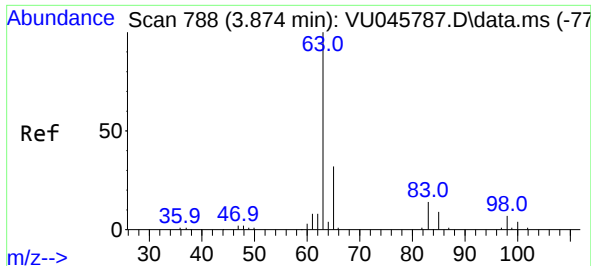
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
trans-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 96 Resp: 1301
Ion Ratio Lower Upper
96 100
61 126.6 100.8 187.2
98 62.1 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.193 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 63 Resp: 2484

Ion Ratio Lower Upper

63 100

65 42.0 22.3 41.5

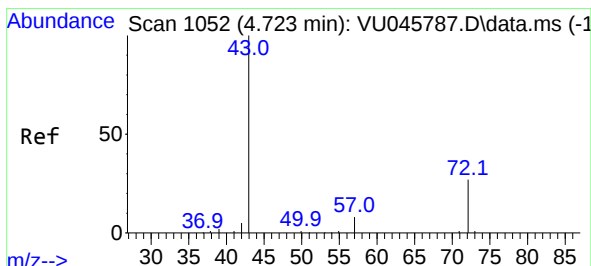
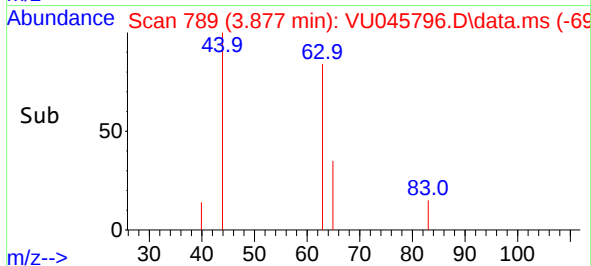
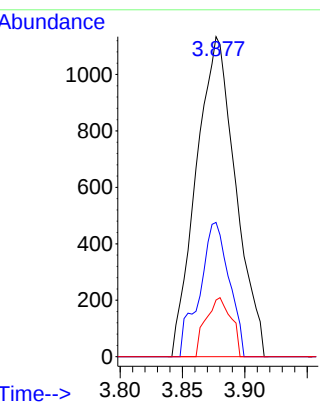
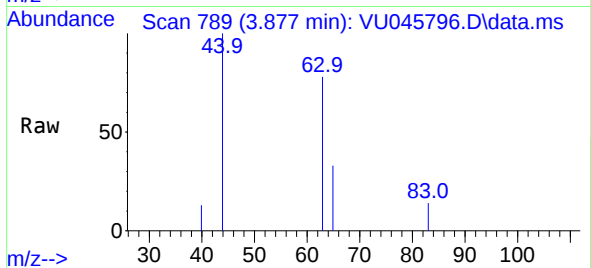
83 17.7 9.6 17.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#21

2-Butanone

Concen: 2.643 ug/L m

RT: 4.732 min Scan# 1055

Delta R.T. 0.010 min

Lab File: VU045796.D

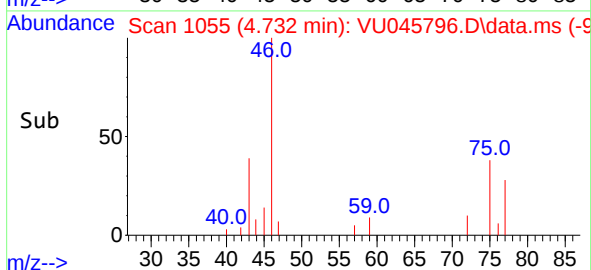
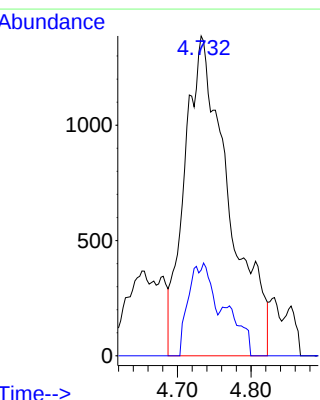
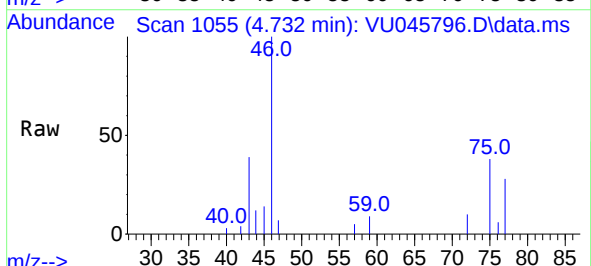
Acq: 15 Nov 2021 17:00

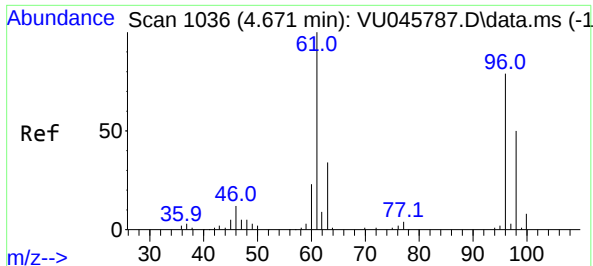
Tgt Ion: 43 Resp: 5767

Ion Ratio Lower Upper

43 100

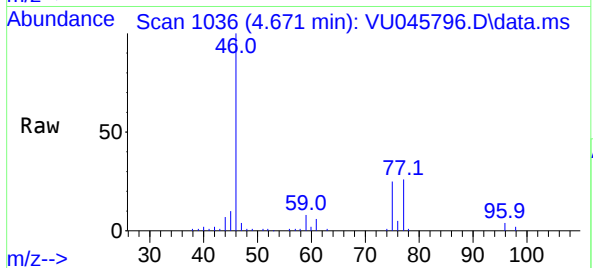
72 7.6 14.1 42.3#





#22
cis-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

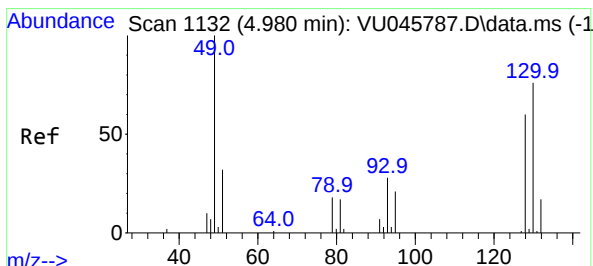
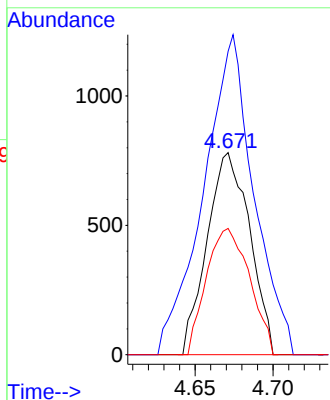
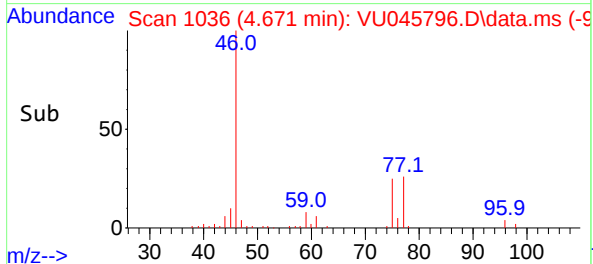
Instrument :
MSVOA_U
ClientSampleId :
MDL05



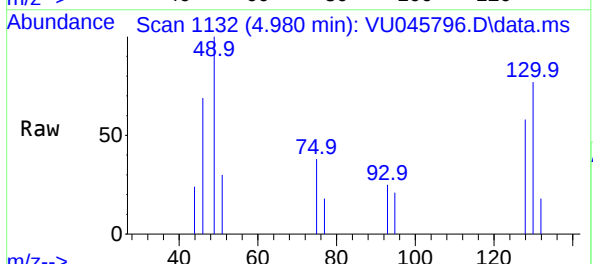
Tgt Ion: 96 Resp: 1480
Ion Ratio Lower Upper
96 100
61 150.2 88.5 164.3
98 62.5 44.4 82.5

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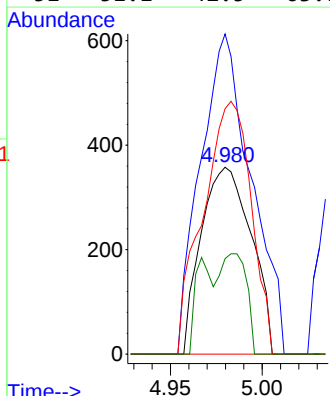
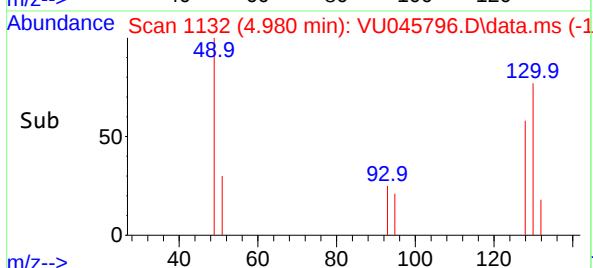
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

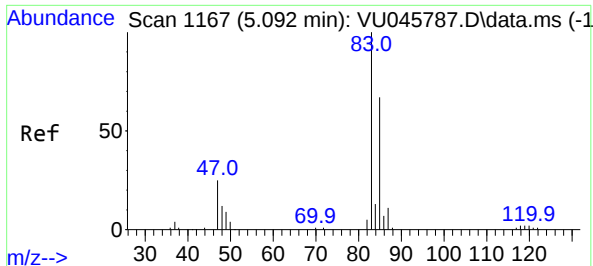


#23
Bromochloromethane
Concen: 0.209 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00



Tgt Ion:128 Resp: 680
Ion Ratio Lower Upper
128 100
49 171.2 117.0 217.2
130 131.3 88.2 163.8
51 51.1 42.5 63.7





#25

Chloroform

Concen: 0.500 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 83 Resp: 6990

Ion Ratio Lower Upper

83 100

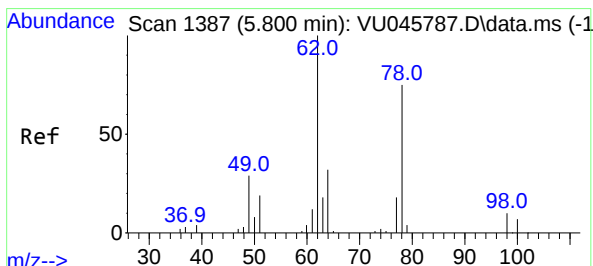
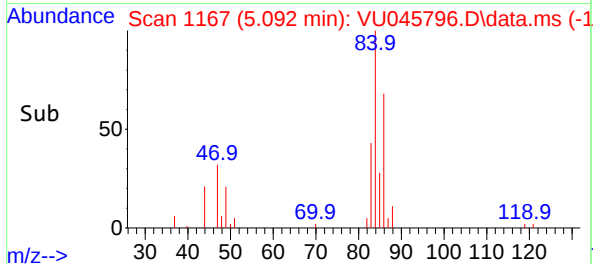
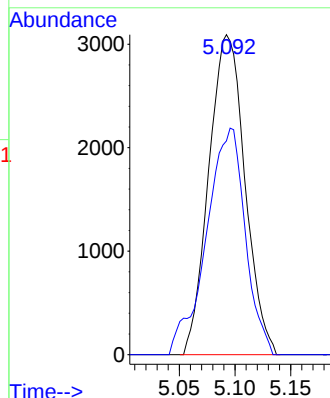
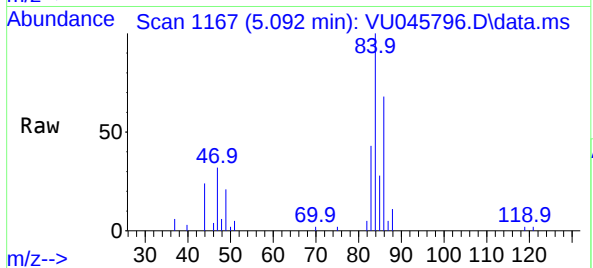
85 66.8 46.9 87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#27

1,2-Dichloroethane

Concen: 0.214 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU045796.D

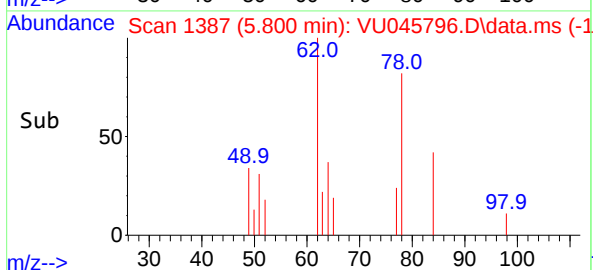
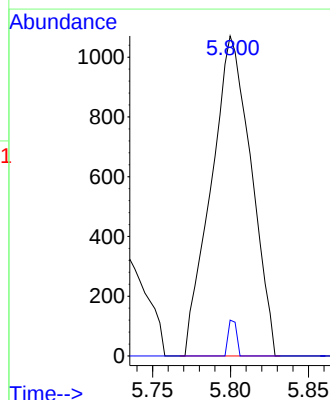
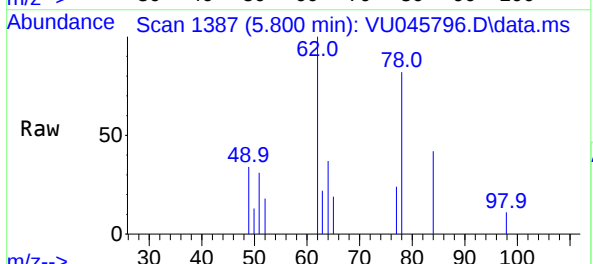
Acq: 15 Nov 2021 17:00

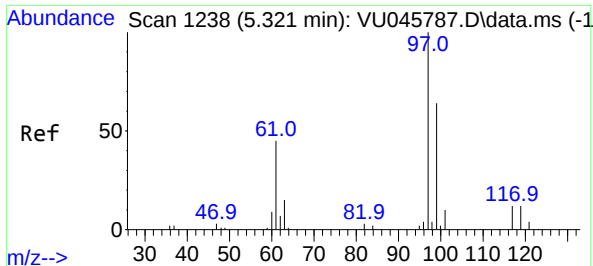
Tgt Ion: 62 Resp: 1909

Ion Ratio Lower Upper

62 100

98 11.2 7.8 11.8





#29
1,1,1-Trichloroethane
Concen: 0.197 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

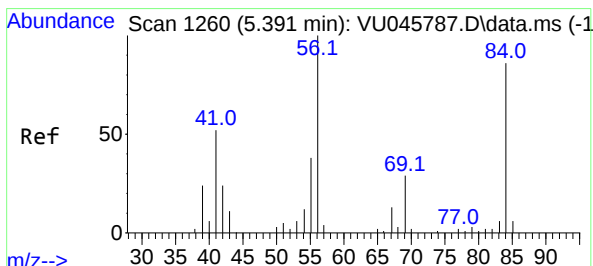
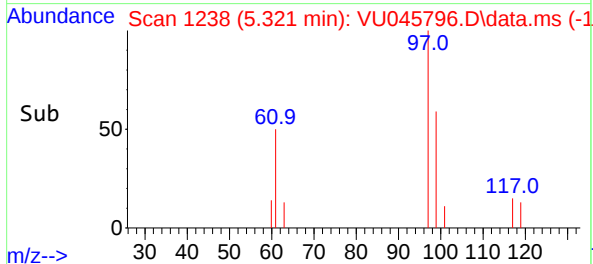
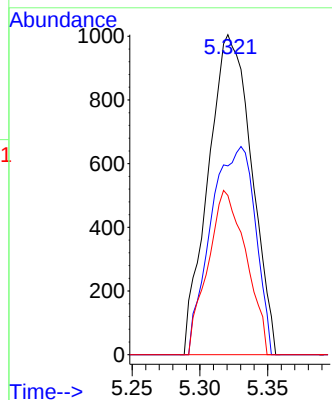
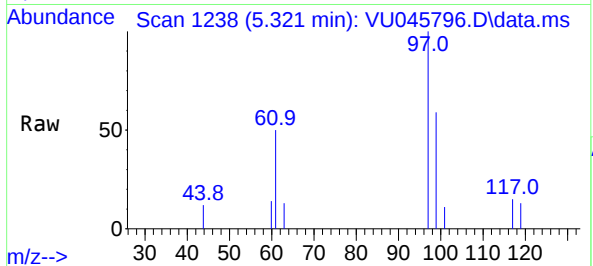
Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 97 Resp: 2230

Ion	Ratio	Lower	Upper
97	100		
99	66.6	51.3	76.9
61	45.2	36.1	54.1

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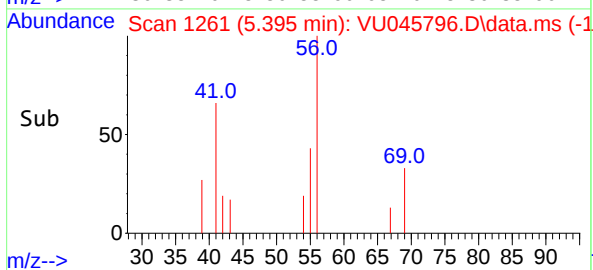
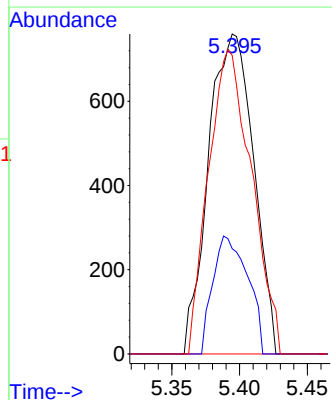
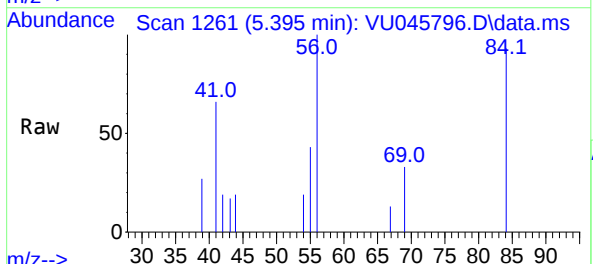
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

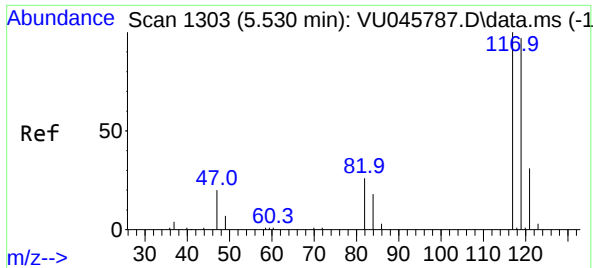


#30
Cyclohexane
Concen: 0.156 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 56 Resp: 1755

Ion	Ratio	Lower	Upper
56	100		
69	28.4	24.7	37.1
84	90.9	71.8	107.6





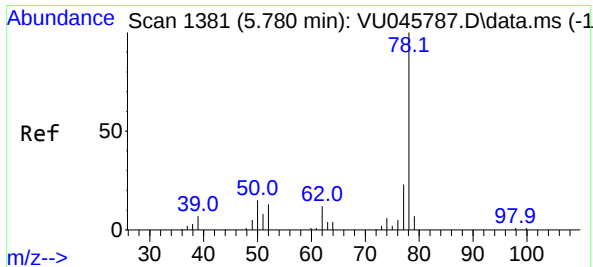
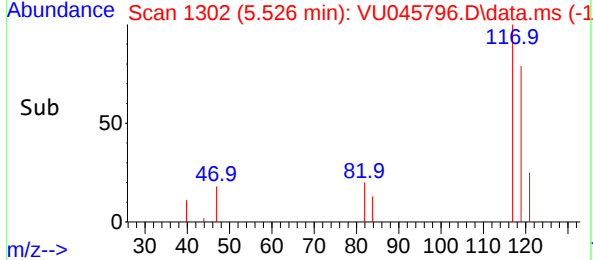
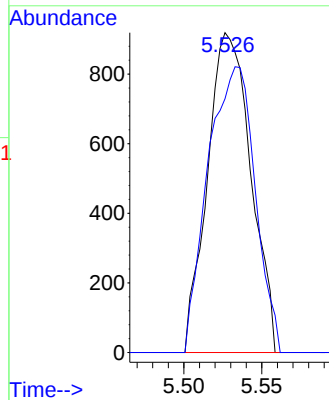
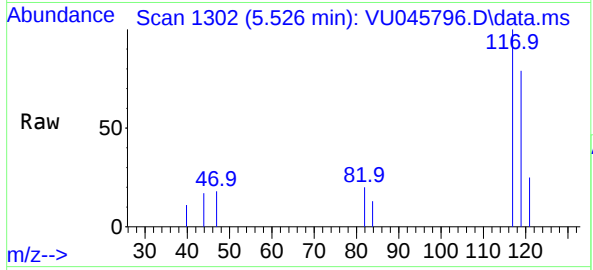
#31
Carbon tetrachloride
Concen: 0.187 ug/L
RT: 5.526 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:117 Resp: 1779
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3

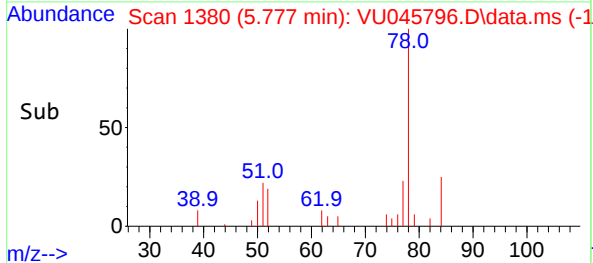
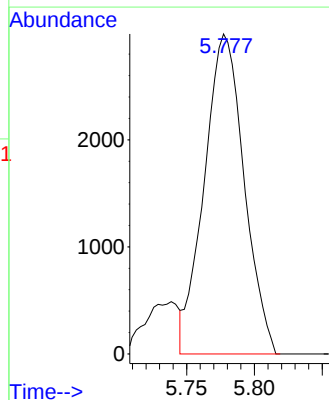
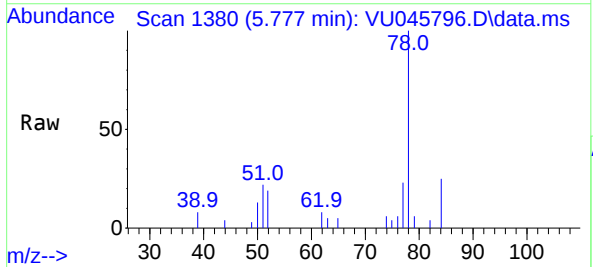
Manual Integrations
APPROVED

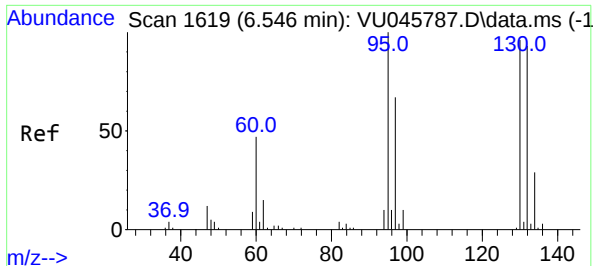
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#33
Benzene
Concen: 0.210 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

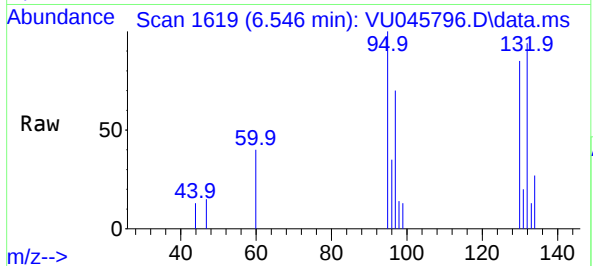
Tgt Ion: 78 Resp: 6104





#34
Trichloroethene
Concen: 0.196 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

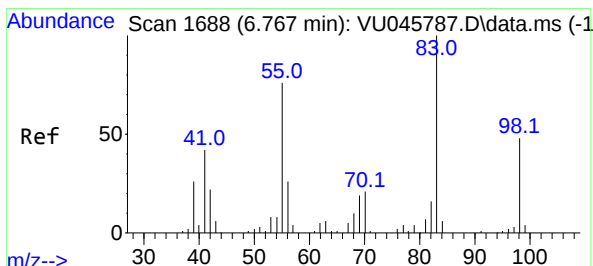
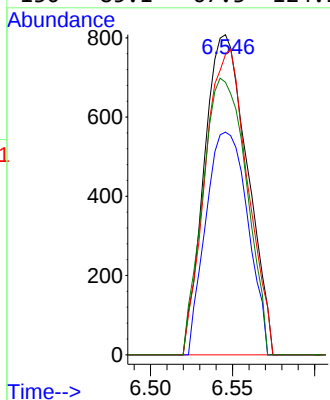
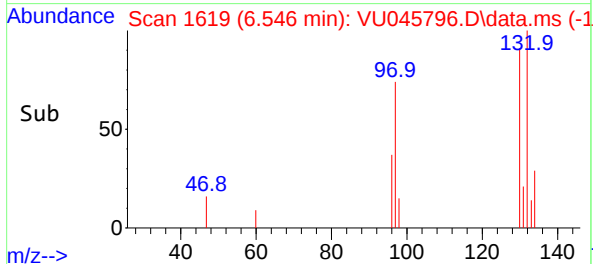
Instrument :
MSVOA_U
ClientSampleId :
MDL05



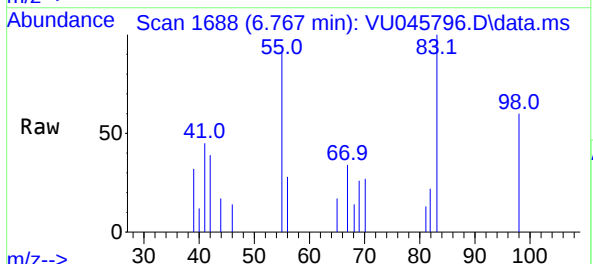
Tgt Ion: 95 Resp: 1474
Ion Ratio Lower Upper
95 100
97 69.6 46.5 86.5
132 93.7 65.1 120.9
130 85.1 67.3 124.9

Manual Integrations
APPROVED

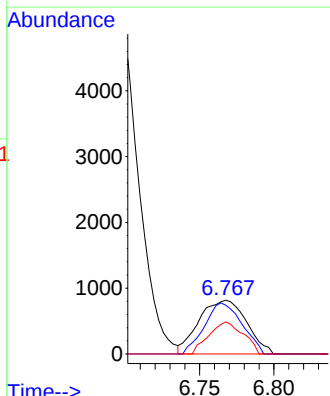
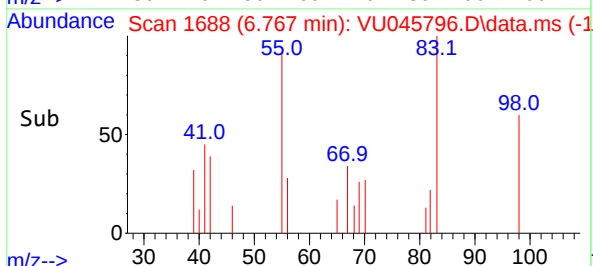
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

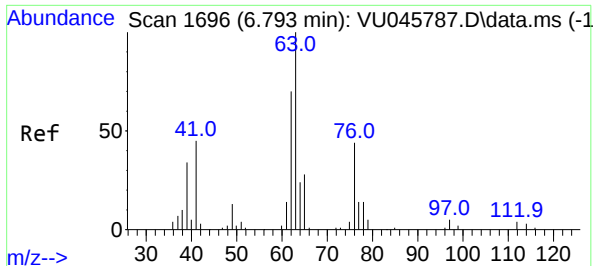


#35
Methylcyclohexane
Concen: 0.158 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00



Tgt Ion: 83 Resp: 1816
Ion Ratio Lower Upper
83 100
55 74.9 61.9 92.9
98 43.0 39.0 58.6





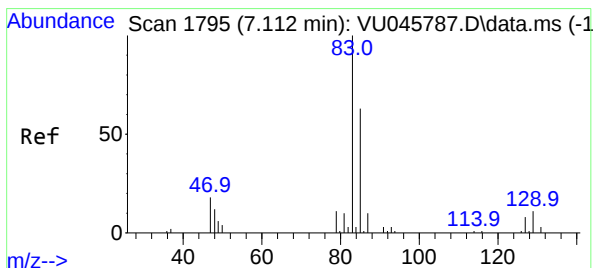
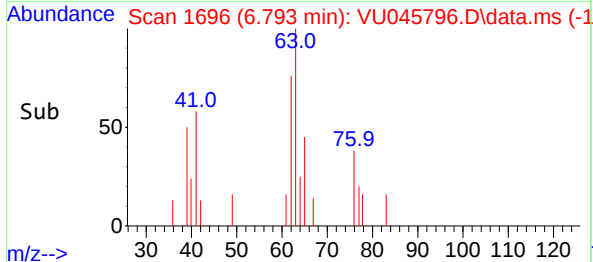
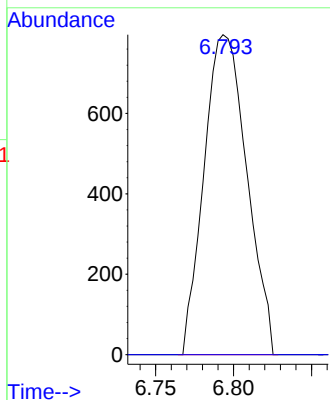
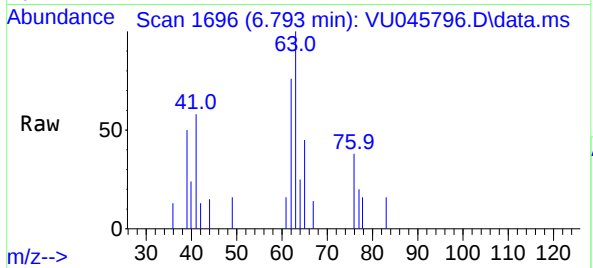
#37
1,2-Dichloropropane
Concen: 0.199 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 63 Resp: 152
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8

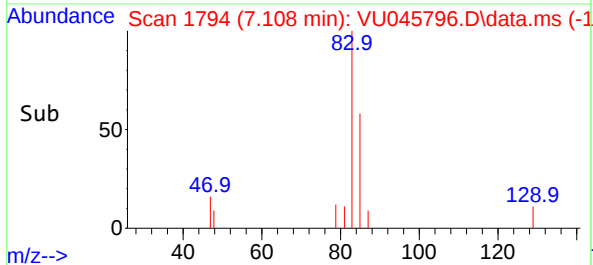
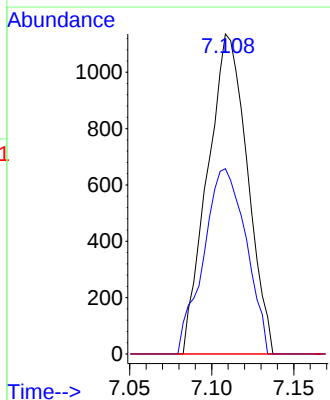
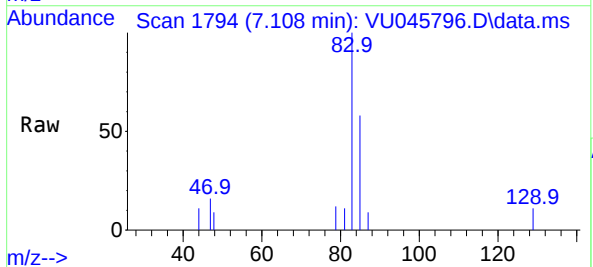
Manual Integrations
APPROVED

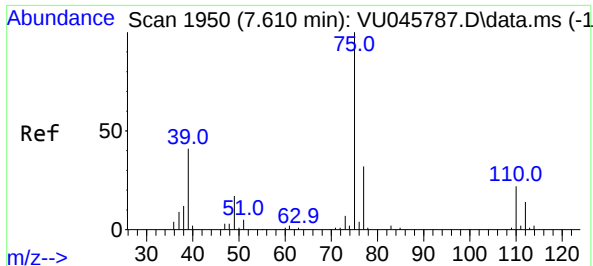
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#38
Bromodichloromethane
Concen: 0.202 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 83 Resp: 1910
Ion Ratio Lower Upper
83 100
85 57.9 44.0 81.8
127 0.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 0.214 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 75 Resp: 233

Ion Ratio Lower Upper

75 100

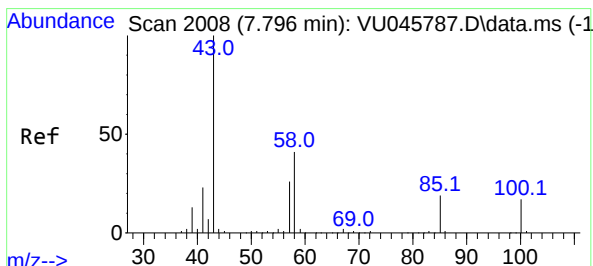
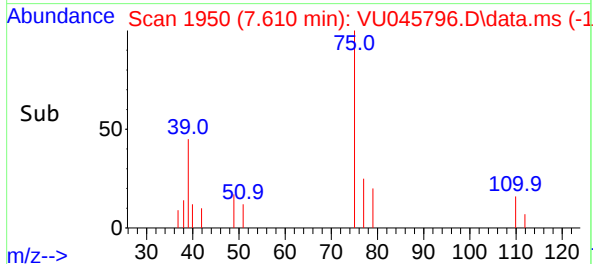
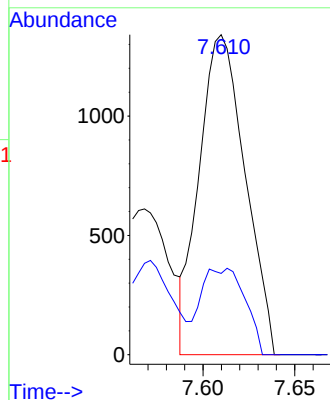
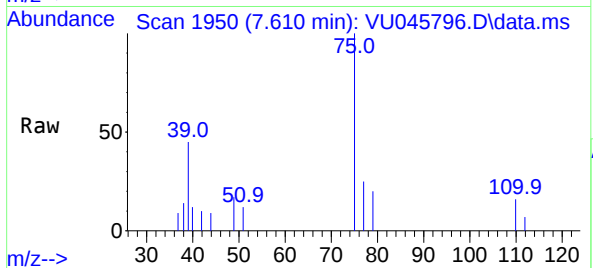
77 25.4 22.5 41.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#40

4-Methyl-2-pentanone

Concen: 2.099 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

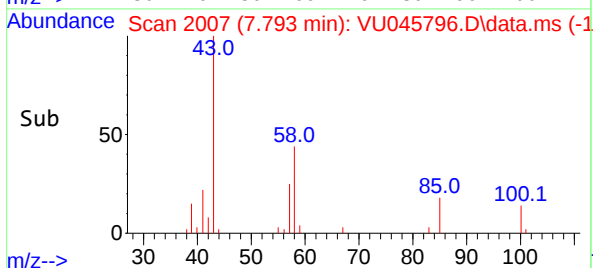
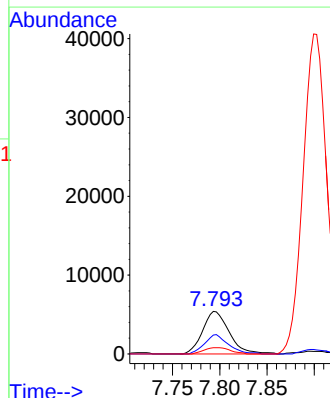
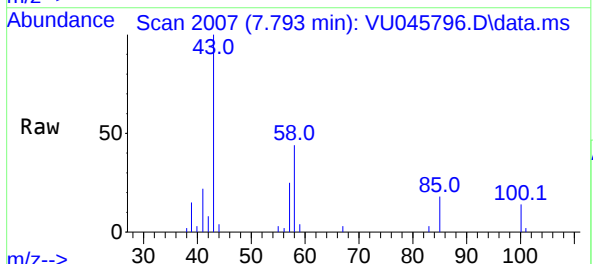
Tgt Ion: 43 Resp: 10547

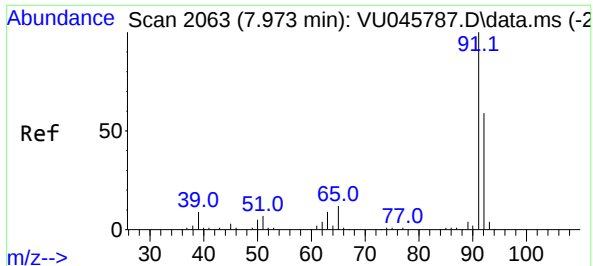
Ion Ratio Lower Upper

43 100

58 40.6 33.1 49.7

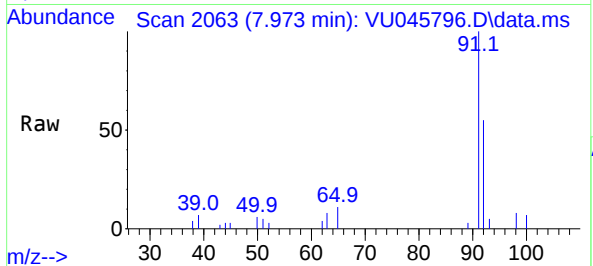
100 0.0 13.2 19.8#





#42
Toluene
Concen: 0.261 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

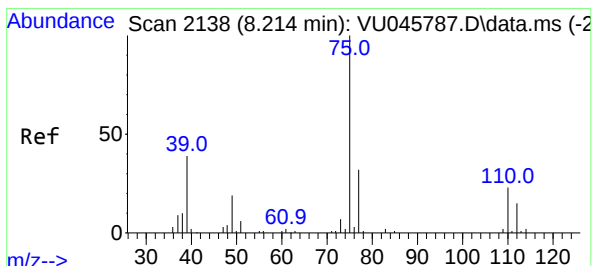
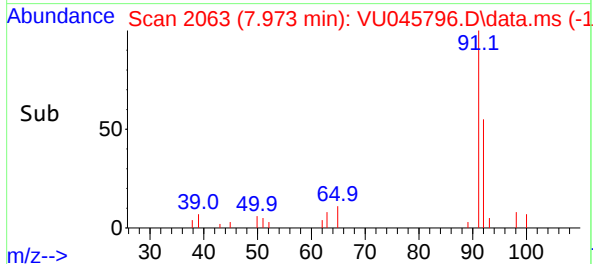
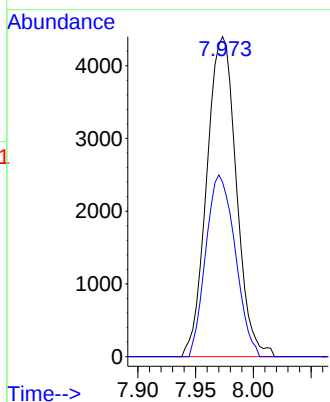
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 91 Resp: 7849
Ion Ratio Lower Upper
91 100
92 54.5 41.3 76.7

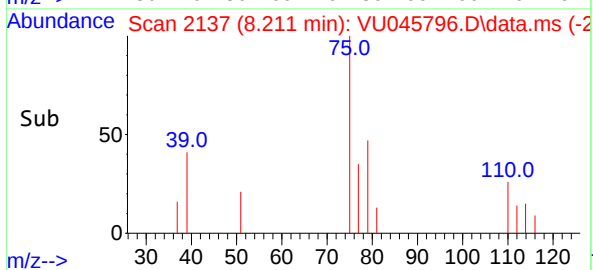
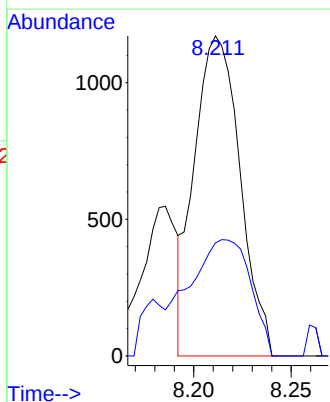
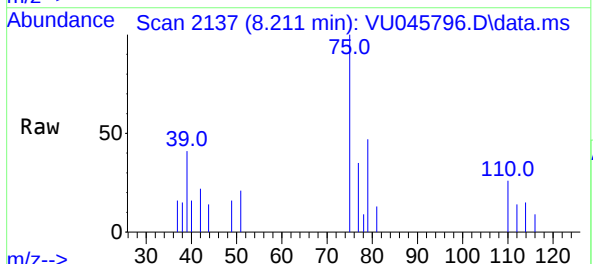
Manual Integrations
APPROVED

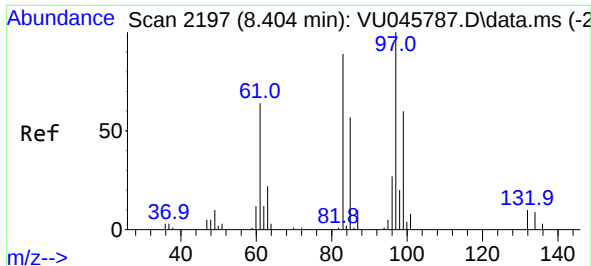
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#44
trans-1,3-Dichloropropene
Concen: 0.202 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

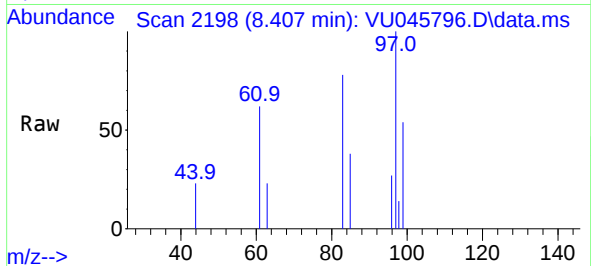
Tgt Ion: 75 Resp: 1909
Ion Ratio Lower Upper
75 100
77 35.4 22.7 42.3





#45
1,1,2-Trichloroethane
Concen: 0.203 ug/L
RT: 8.407 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

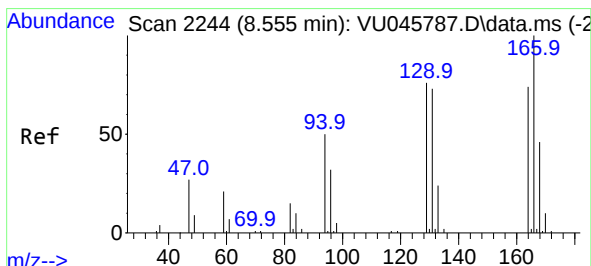
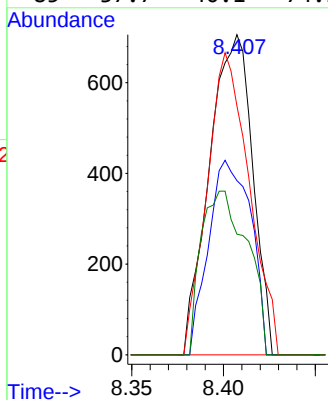
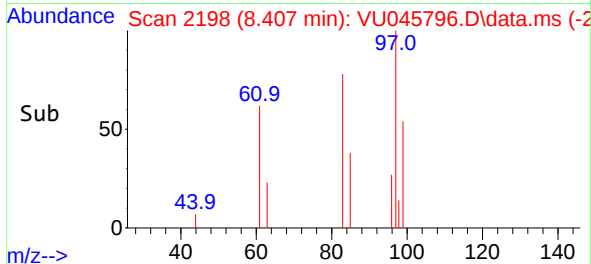
Instrument :
MSVOA_U
ClientSampleId :
MDL05



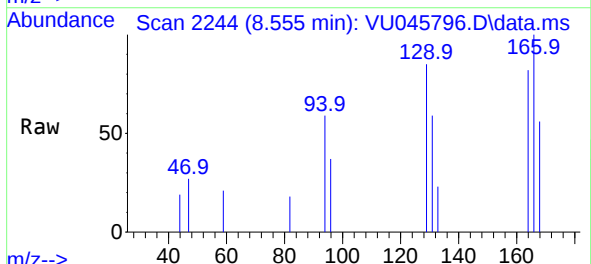
Tgt Ion: 97 Resp: 1150
Ion Ratio Lower Upper
97 100
99 54.4 42.3 78.5
83 77.8 62.0 115.2
85 37.7 40.1 74.5#

Manual Integrations
APPROVED

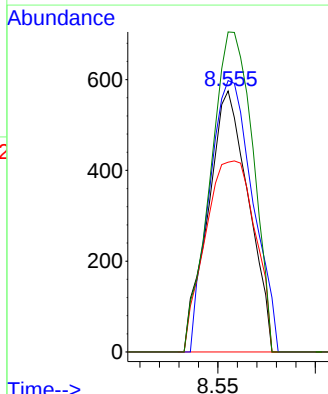
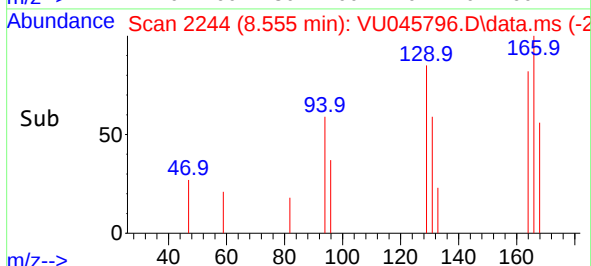
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

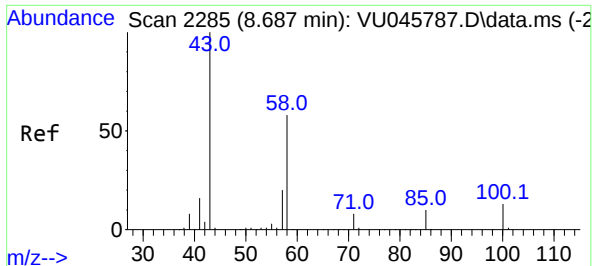


#47
Tetrachloroethene
Concen: 0.158 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00



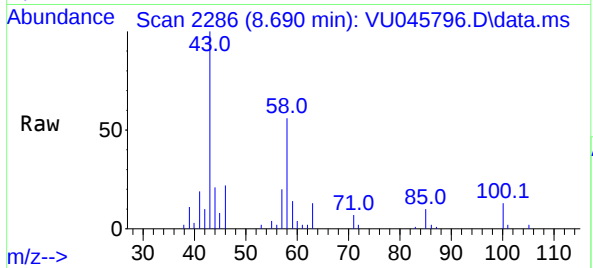
Tgt Ion:164 Resp: 830
Ion Ratio Lower Upper
164 100
129 104.0 71.8 133.4
131 72.7 68.5 127.3
166 122.6 94.1 174.8





#48
2-Hexanone
Concen: 4.559 ug/L
RT: 8.690 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

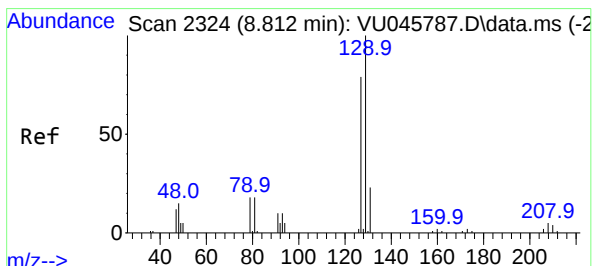
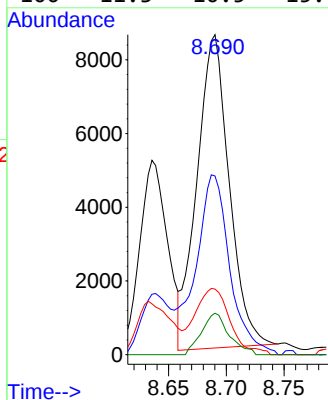
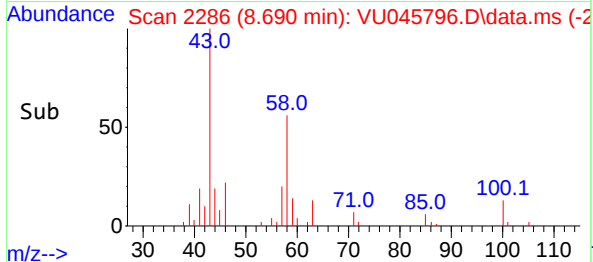
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 16549
Ion Ratio Lower Upper
43 100
58 60.7 46.7 70.1
57 23.2 16.3 24.5
100 11.3 10.5 15.7

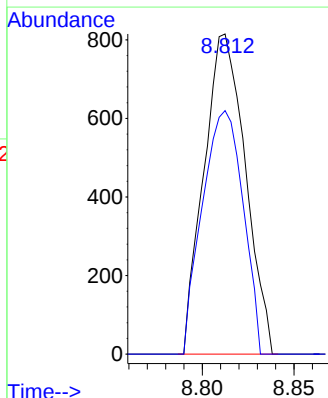
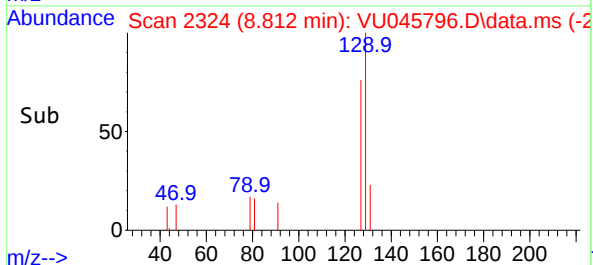
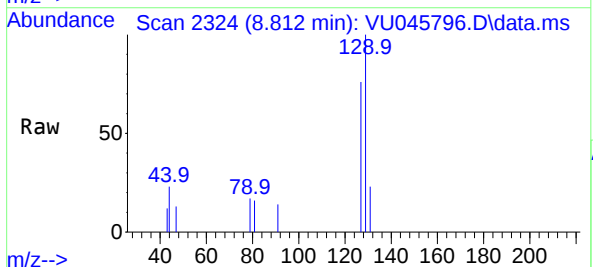
Manual Integrations
APPROVED

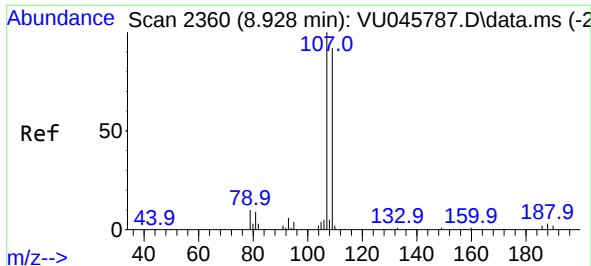
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#49
Dibromochloromethane
Concen: 0.198 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:129 Resp: 1282
Ion Ratio Lower Upper
129 100
127 76.1 55.4 102.8





#50

1,2-Dibromoethane

Concen: 0.210 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion:107 Resp: 1120

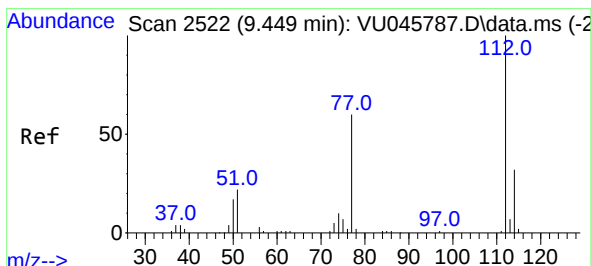
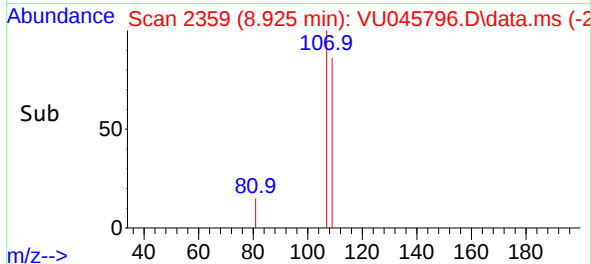
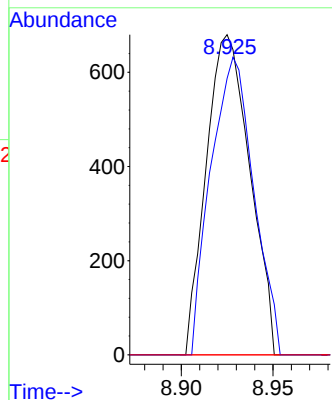
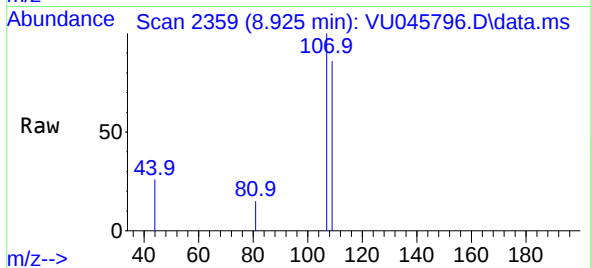
Ion	Ratio	Lower	Upper
107	100		
109	86.3	64.0	119.0
188	0.0	2.4	3.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#51

Chlorobenzene

Concen: 0.203 ug/L

RT: 9.449 min Scan# 2522

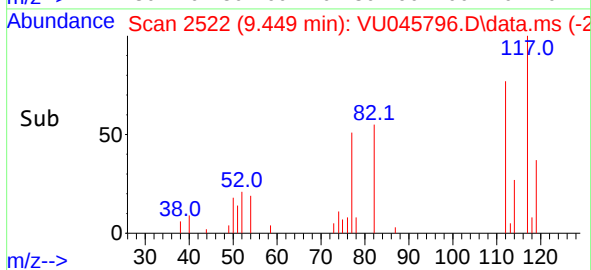
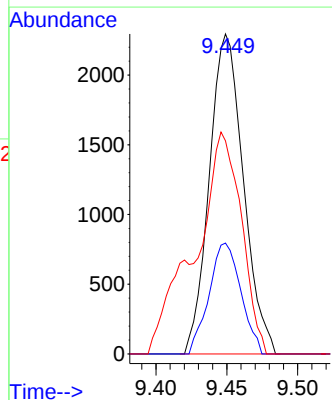
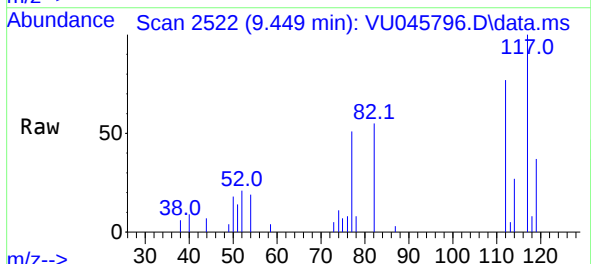
Delta R.T. -0.000 min

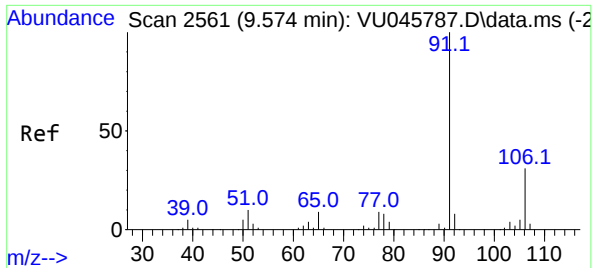
Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Tgt Ion:112 Resp: 3834

Ion	Ratio	Lower	Upper
112	100		
114	34.6	22.1	41.1
77	66.6	48.3	72.5





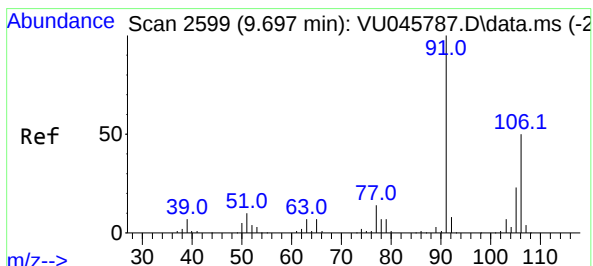
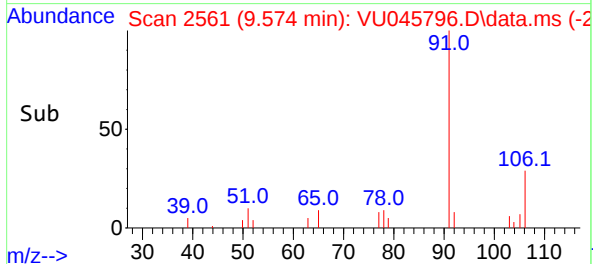
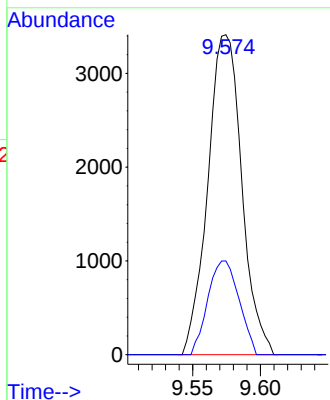
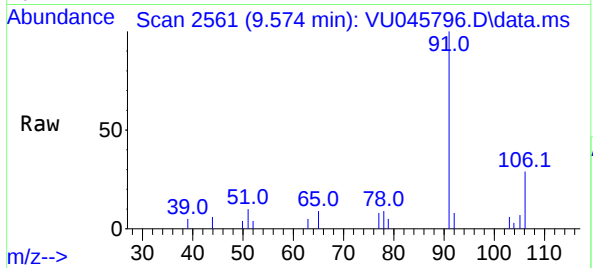
#52
Ethylbenzene
Concen: 0.189 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 594
Ion Ratio Lower Upper
91 100
106 29.3 21.5 39.9

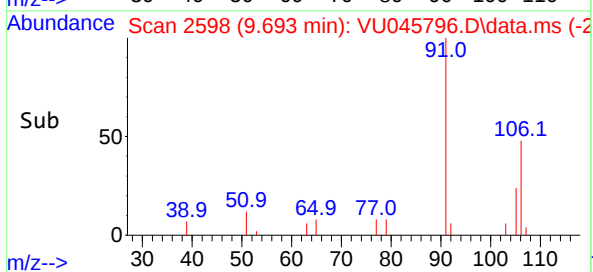
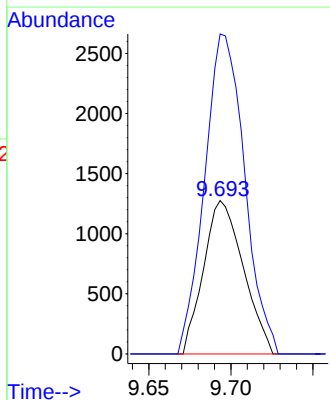
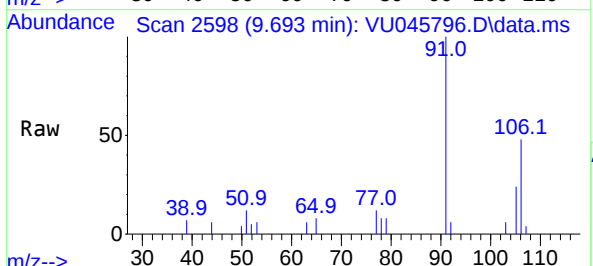
Manual Integrations
APPROVED

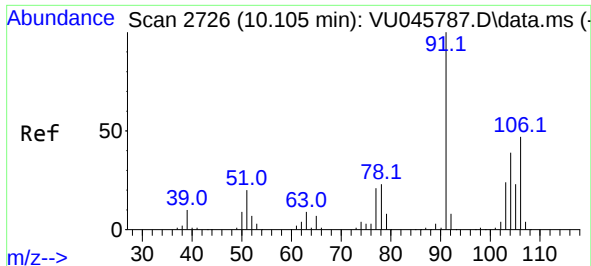
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#53
m,p-Xylene
Concen: 0.178 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:106 Resp: 2142
Ion Ratio Lower Upper
106 100
91 208.5 139.4 259.0





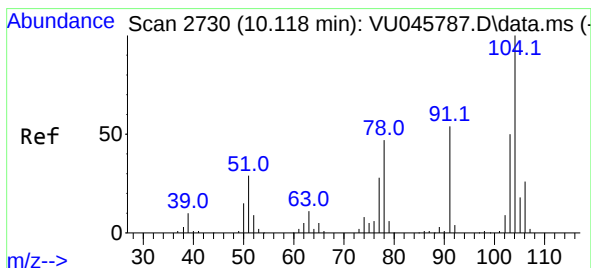
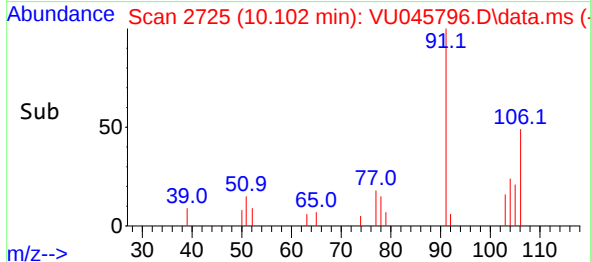
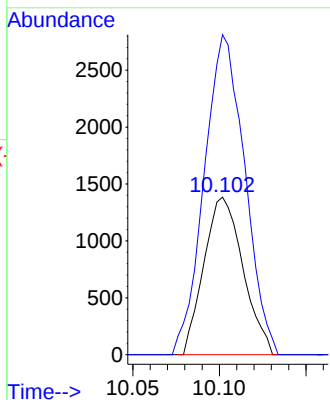
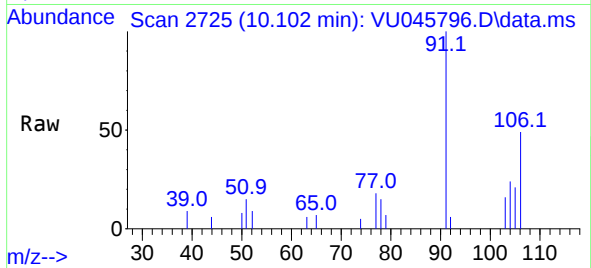
#54
o-Xylene
Concen: 0.187 ug/L
RT: 10.102 min Scan# 2169
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 2169
Ion Ratio Lower Upper
106 100
91 203.0 147.5 273.9

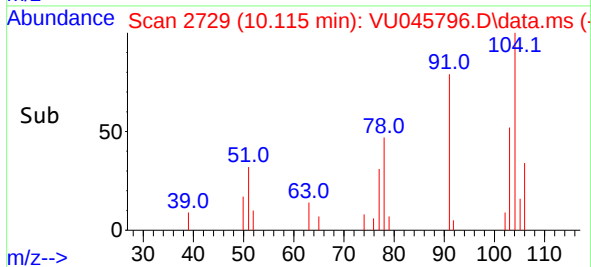
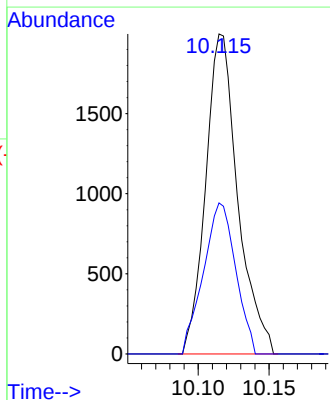
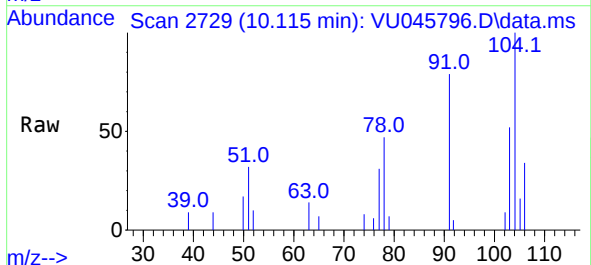
Manual Integrations
APPROVED

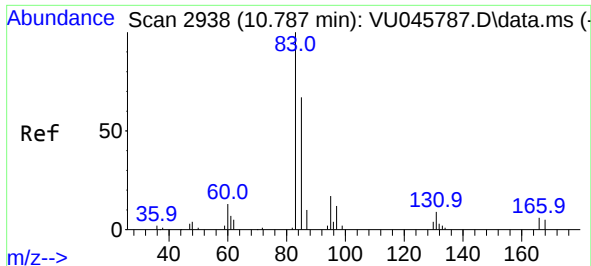
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#55
Styrene
Concen: 0.161 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:104 Resp: 3144
Ion Ratio Lower Upper
104 100
78 47.2 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.218 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. -0.000 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

MDL05

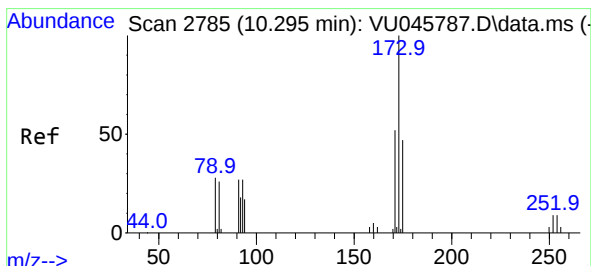
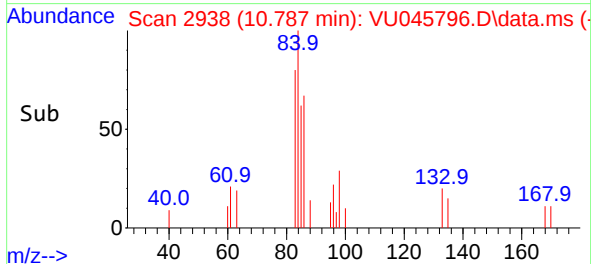
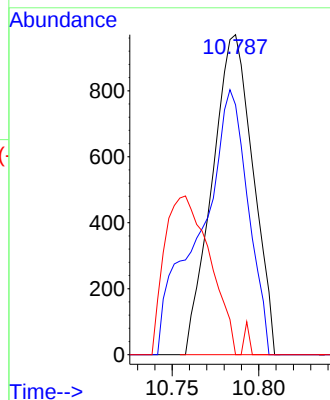
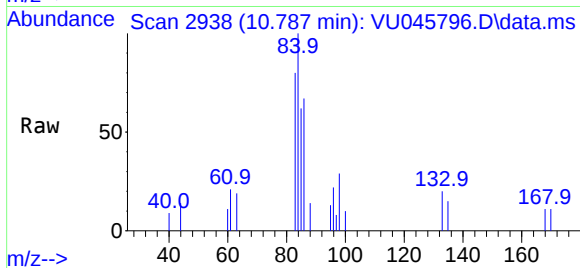
Tgt Ion:	83	Resp:	158
Ion Ratio	Lower	Upper	
83	100		
85	78.0	47.9	89.1
131	0.0	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#59

Bromoform

Concen: 0.216 ug/L

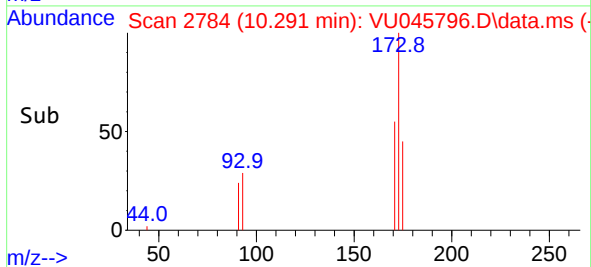
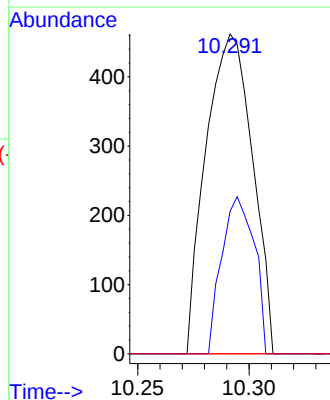
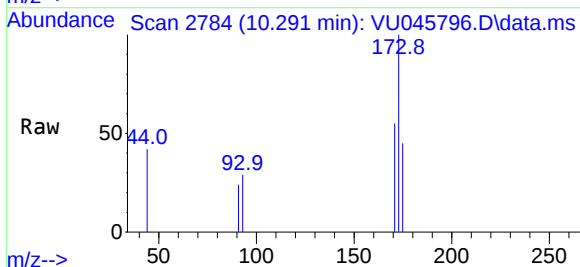
RT: 10.291 min Scan# 2784

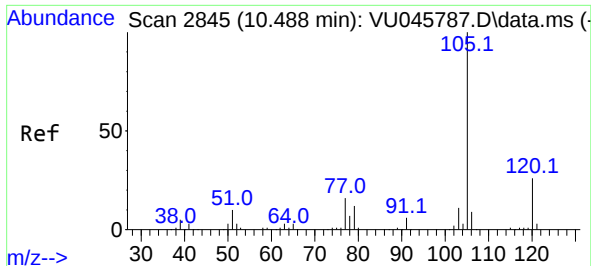
Delta R.T. -0.003 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

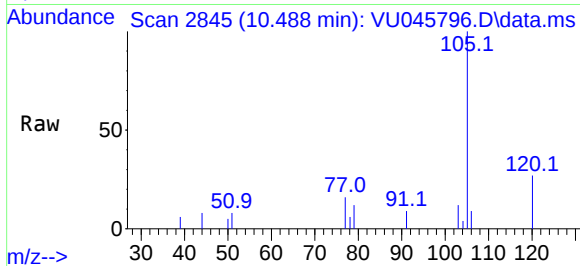
Tgt Ion:	173	Resp:	670
Ion Ratio	Lower	Upper	
173	100		
175	34.3	37.8	56.6#
254	0.0	7.3	10.9#





#60
Isopropylbenzene
Concen: 0.176 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

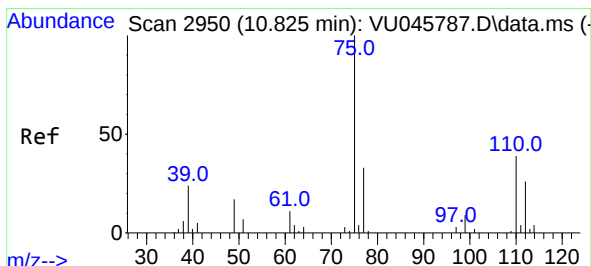
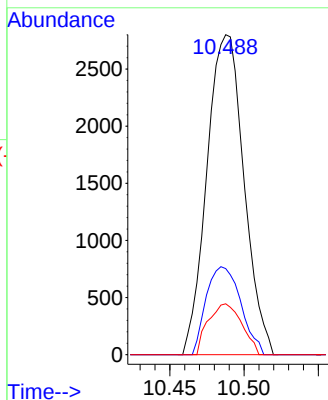
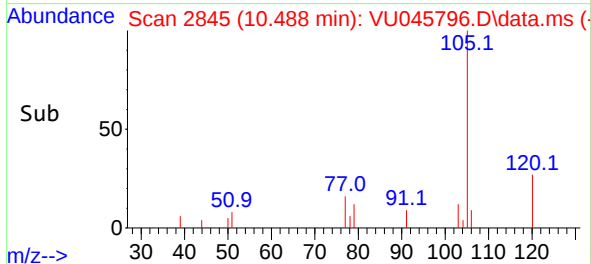
Instrument : MSVOA_U
ClientSampleId : MDL05



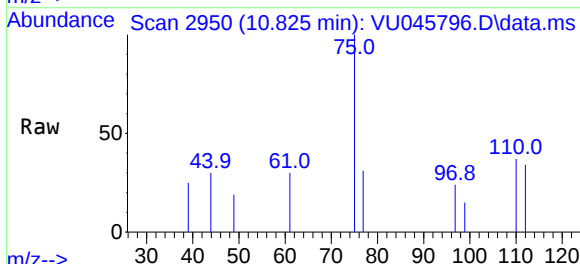
Tgt Ion:105 Resp: 4850
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 14.4 12.6 19.0

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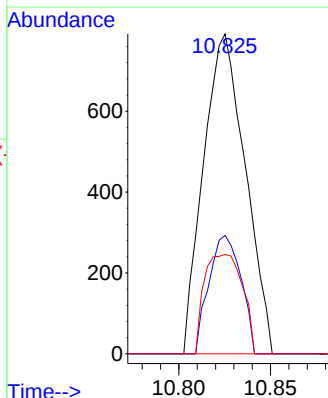
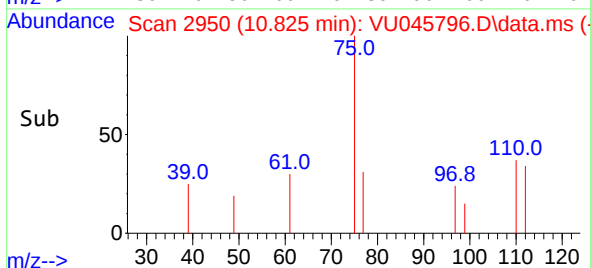
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

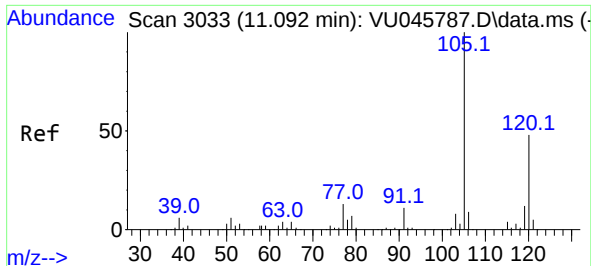


#61
1,2,3-Trichloropropane
Concen: 0.258 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00



Tgt Ion: 75 Resp: 1253
Ion Ratio Lower Upper
75 100
110 28.3 29.9 44.9#
77 28.3 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 0.168 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion:105 Resp: 3789

Ion Ratio Lower Upper

105 100

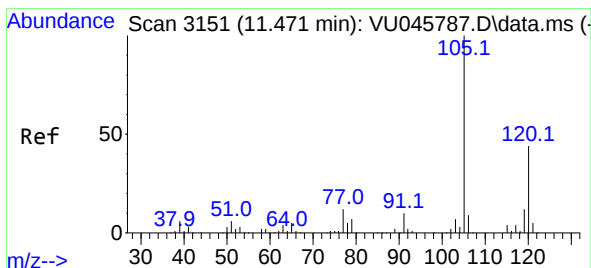
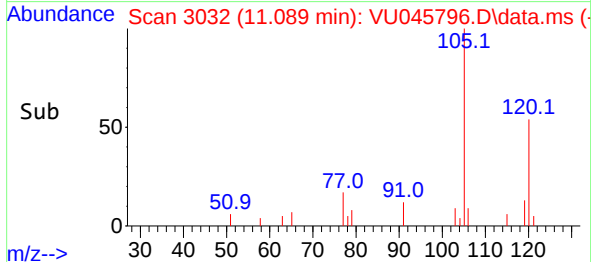
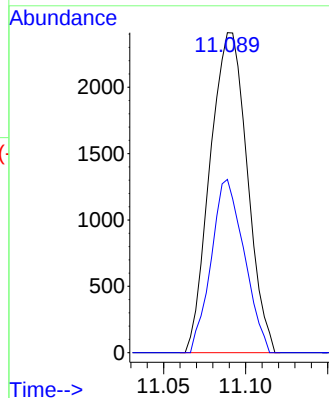
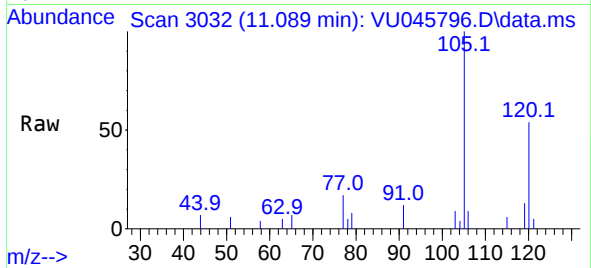
120 48.1 38.3 57.5

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Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#63

1,2,4-Trimethylbenzene

Concen: 0.170 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU045796.D

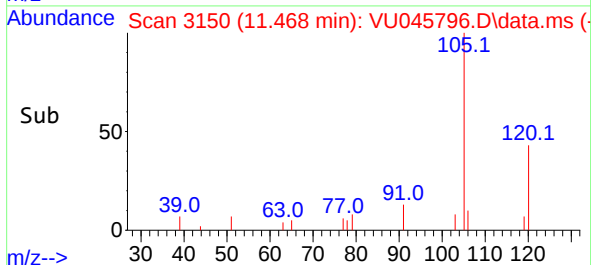
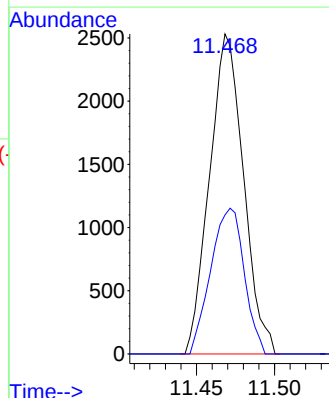
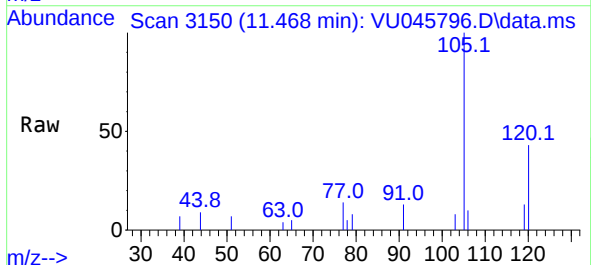
Acq: 15 Nov 2021 17:00

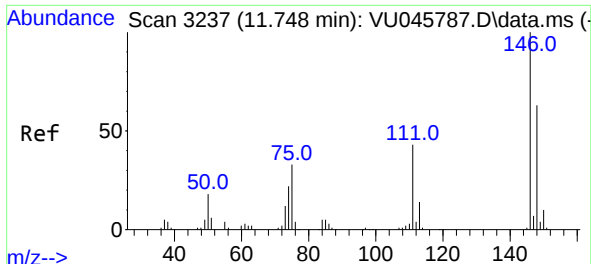
Tgt Ion:105 Resp: 3830

Ion Ratio Lower Upper

105 100

120 44.9 35.8 53.8





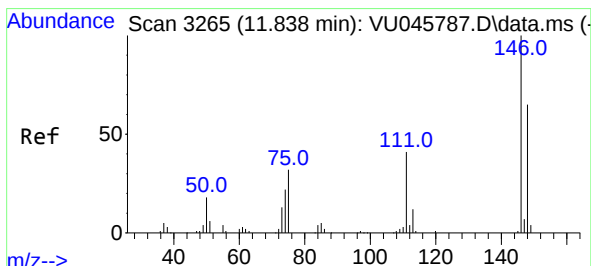
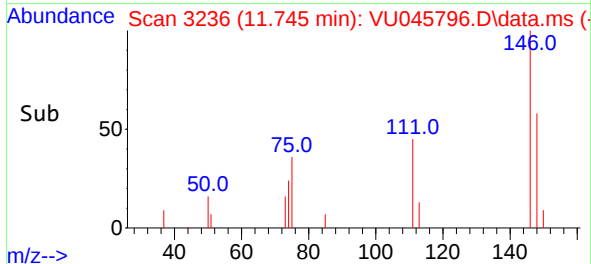
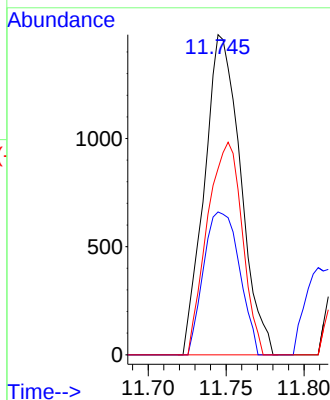
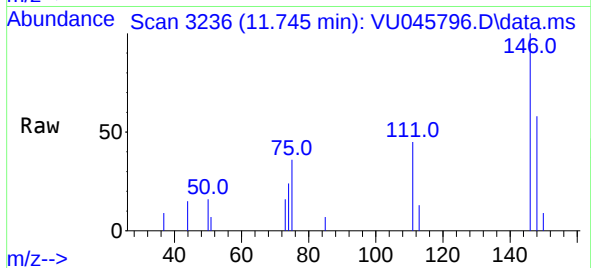
#64
1,3-Dichlorobenzene
Concen: 0.185 ug/L
RT: 11.745 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 2380
Ion Ratio Lower Upper
146 100
111 44.6 29.9 55.5
148 58.1 44.3 82.3

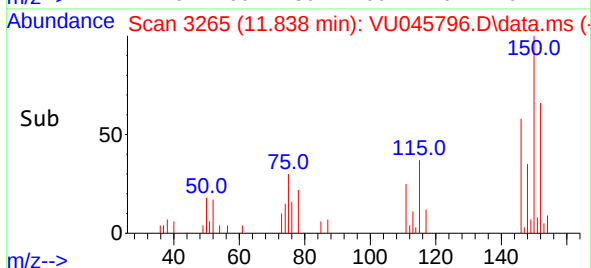
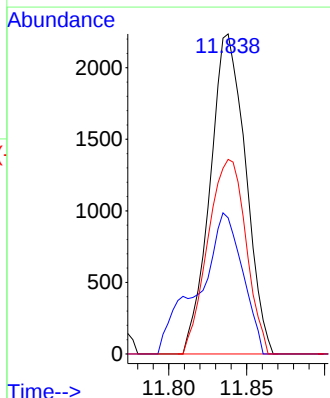
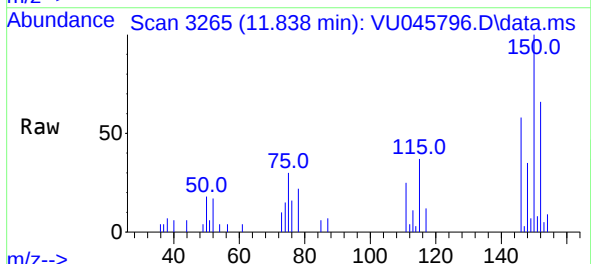
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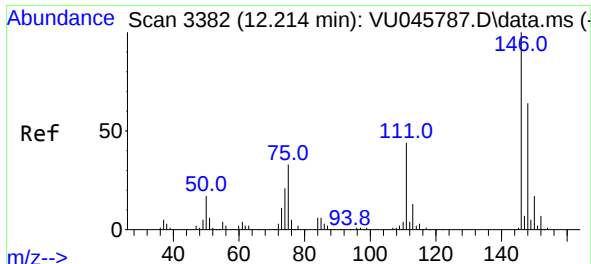
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#65
1,4-Dichlorobenzene
Concen: 0.272 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:146 Resp: 3542
Ion Ratio Lower Upper
146 100
111 42.5 28.7 53.3
148 60.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 0.228 ug/L

RT: 12.217 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

MDL05

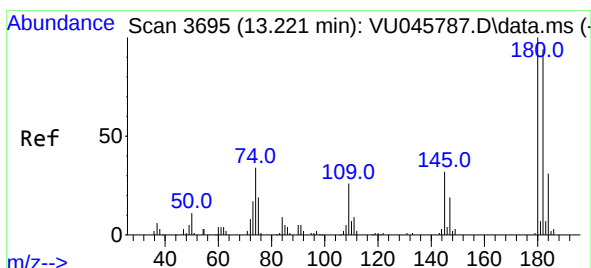
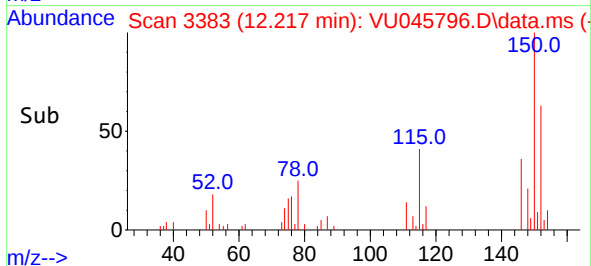
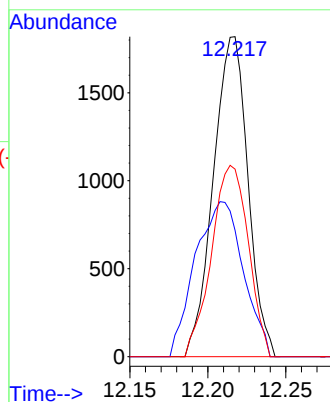
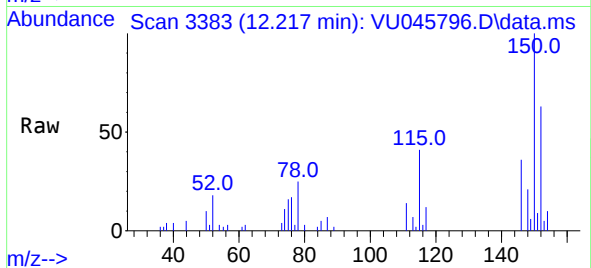
Tgt Ion:146	Resp:	280
Ion Ratio	Lower	Upper
146	100	
111	39.4	35.4 53.0
148	58.6	51.1 76.7

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Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#69

1,3,5-Trichlorobenzene

Concen: 0.158 ug/L

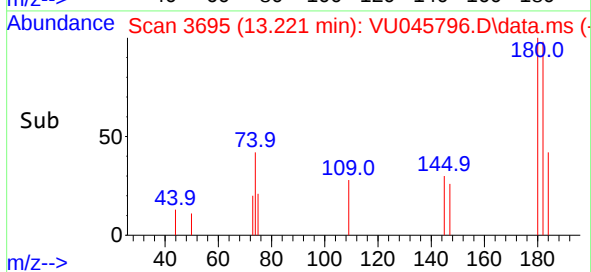
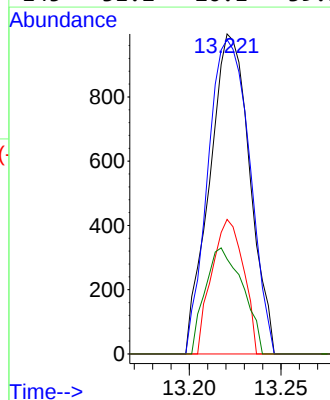
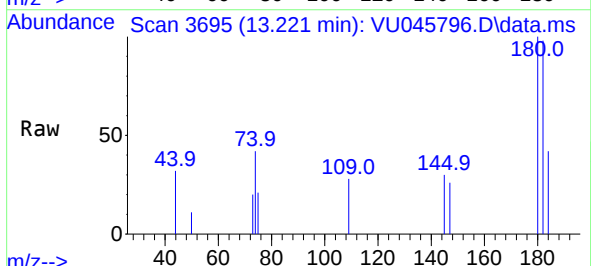
RT: 13.221 min Scan# 3695

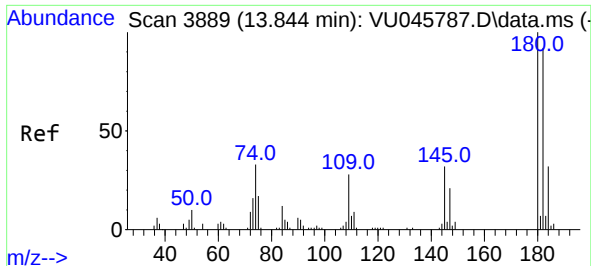
Delta R.T. -0.000 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

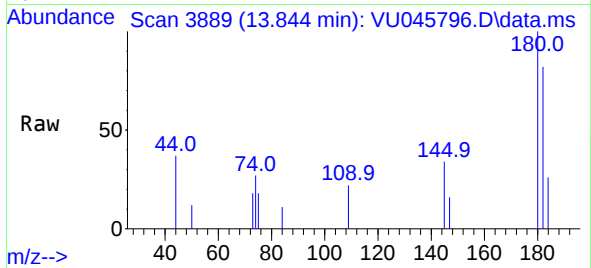
Tgt Ion:180	Resp:	1517
Ion Ratio	Lower	Upper
180	100	
182	102.0	76.1 114.1
184	33.2	25.0 37.4
145	31.2	26.1 39.1





#70
1,2,4-trichlorobenzene
Concen: 0.177 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

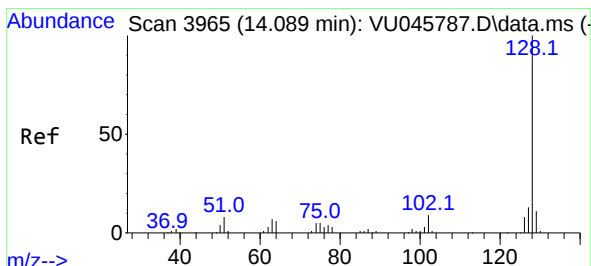
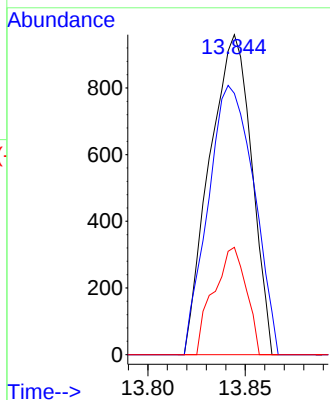
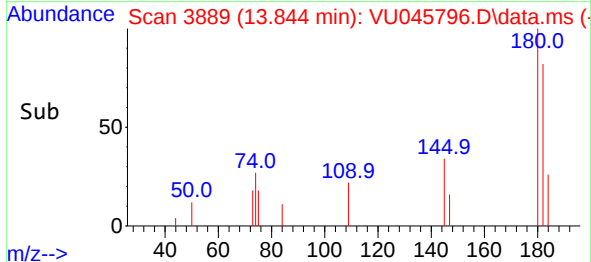
Instrument :
MSVOA_U
ClientSampleId :
MDL05



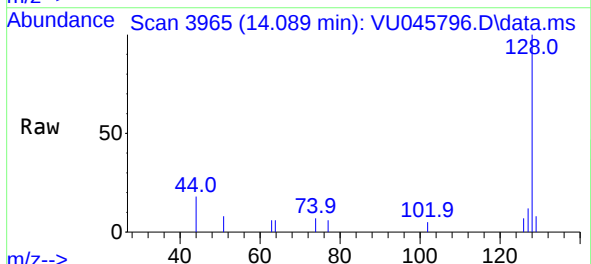
Tgt Ion:180 Resp: 144
Ion Ratio Lower Upper
180 100
182 91.5 76.4 114.6
145 25.9 25.6 38.4

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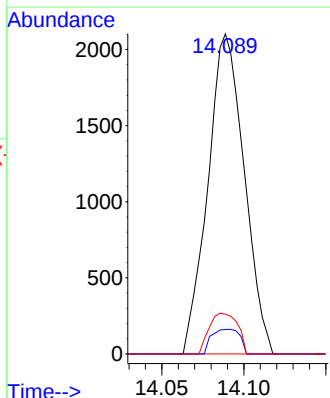
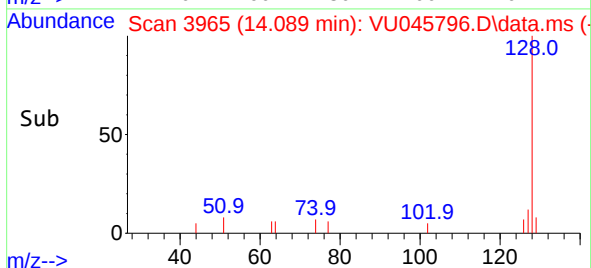
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

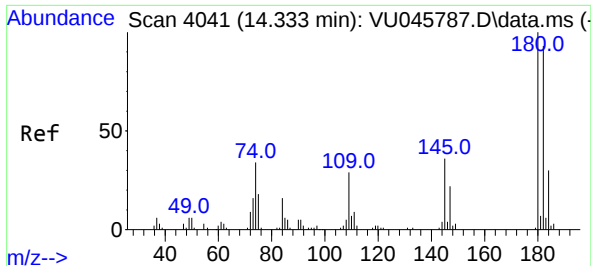


#71
Naphthalene
Concen: 0.194 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00



Tgt Ion:128 Resp: 3234
Ion Ratio Lower Upper
128 100
129 6.0 8.4 12.6#
127 10.0 10.2 15.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.172 ug/L
 RT: 14.327 min Scan# 40
 Delta R.T. -0.006 min
 Lab File: VU045796.D
 Acq: 15 Nov 2021 17:00

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.2	114.4
145	34.7	28.4	42.6

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

