

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045795.D
 Acq On : 15 Nov 2021 16:36
 Operator : SY/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 03:32:43 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	110598	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	112848	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	51070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33769	3.854	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.000%	
7) Chloroethane-d5	1.919	69	27821	4.361	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.571	65	14751	4.014	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.200%	
20) 2-Butanone-d5	4.655	46	114761	48.871	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.740%	
24) Chloroform-d	5.070	84	61904	4.240	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
26) 1,2-Dichloroethane-d4	5.706	65	37758	4.408	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
32) Benzene-d6	5.732	84	127513	4.103	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.693	67	41982	4.286	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.902	98	110127	3.917	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.400%	
43) trans-1,3-Dichloroprop...	8.182	79	16722	4.206	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5	8.636	63	84626	47.288	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.580%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	38813	4.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	41946	4.784	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1402	0.156	ug/L	100
3) Chloromethane	1.520	50	3617	0.379	ug/L	97
5) Vinyl chloride	1.607	62	1928	0.201	ug/L #	63
6) Bromomethane	1.861	94	1232	0.217	ug/L	92
8) Chloroethane	1.938	64	1239	0.227	ug/L	96
9) Trichlorofluoromethane	2.144	101	2190	0.177	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	1586	0.219	ug/L #	66
12) 1,1-Dichloroethene	2.581	96	1682	0.246	ug/L #	1
13) Acetone	2.681	43	4127m	2.986	ug/L	
14) Carbon disulfide	2.800	76	4106	0.190	ug/L	96
15) Methyl Acetate	2.973	43	762	0.225	ug/L #	51
16) Methylene chloride	3.051	84	3132	0.310	ug/L	82
17) Methyl tert-butyl Ether	3.369	73	3624	0.203	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	1121	0.153	ug/L	91
19) 1,1-Dichloroethane	3.874	63	2438	0.177	ug/L	94
21) 2-Butanone	4.735	43	5981m	2.572	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	1526	0.192	ug/L	92
23) Bromochloromethane	4.980	128	642	0.185	ug/L	87
25) Chloroform	5.089	83	5485	0.368	ug/L	96

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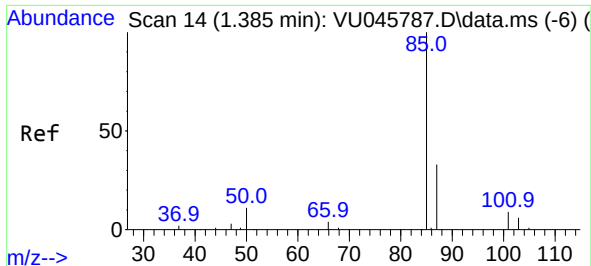
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	1882	0.198	ug/L #	73
29) 1,1,1-Trichloroethane	5.324	97	1971	0.161	ug/L	97
30) Cyclohexane	5.394	56	1799	0.148	ug/L #	89
31) Carbon tetrachloride	5.530	117	1698	0.165	ug/L	97
33) Benzene	5.780	78	6010	0.191	ug/L	100
34) Trichloroethene	6.549	95	1507	0.186	ug/L	90
35) Methylcyclohexane	6.771	83	1599	0.128	ug/L	96
37) 1,2-Dichloropropane	6.796	63	1433	0.173	ug/L #	88
38) Bromodichloromethane	7.108	83	1879	0.184	ug/L #	96
39) cis-1,3-Dichloropropene	7.613	75	1894	0.161	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	10648	1.959	ug/L #	86
42) Toluene	7.973	91	7189	0.221	ug/L	96
44) trans-1,3-Dichloropropene	8.214	75	1894	0.185	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	1147	0.186	ug/L	96
47) Tetrachloroethene	8.555	164	857	0.151	ug/L	88
48) 2-Hexanone	8.690	43	16212	4.128	ug/L	97
49) Dibromochloromethane	8.812	129	1279	0.183	ug/L	86
50) 1,2-Dibromoethane	8.928	107	1008	0.174	ug/L #	91
51) Chlorobenzene	9.449	112	3778	0.185	ug/L	90
52) Ethylbenzene	9.574	91	5358	0.157	ug/L	94
53) m,p-Xylene	9.697	106	1827	0.140	ug/L	74
54) o-Xylene	10.105	106	1676	0.133	ug/L	68
55) Styrene	10.115	104	2766	0.131	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	1597	0.203	ug/L #	95
59) Bromoform	10.285	173	616	0.182	ug/L #	89
60) Isopropylbenzene	10.488	105	4396	0.147	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	1108	0.209	ug/L #	89
62) 1,3,5-Trimethylbenzene	11.089	105	3191	0.130	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	3298	0.134	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	2349	0.168	ug/L	86
65) 1,4-Dichlorobenzene	11.838	146	3820	0.269	ug/L	90
67) 1,2-Dichlorobenzene	12.214	146	2632	0.196	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.221	180	1444	0.138	ug/L	93
70) 1,2,4-trichlorobenzene	13.844	180	1296	0.146	ug/L #	95
71) Naphthalene	14.089	128	2958	0.163	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.333	180	1306	0.148	ug/L	96

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



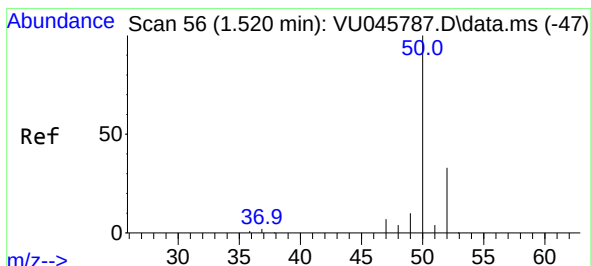
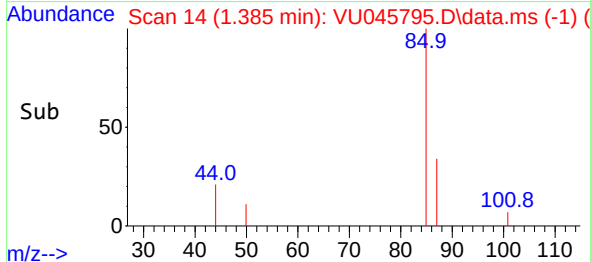
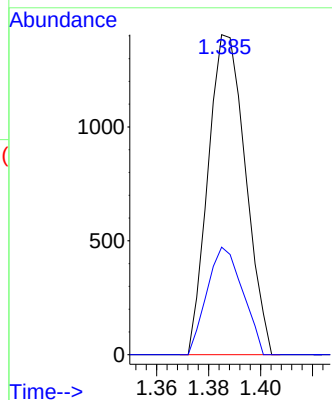
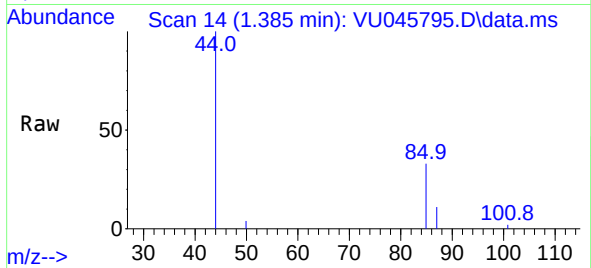
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Dichlorodifluoromethane
Concen: 0.156 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 85 Resp: 140
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6

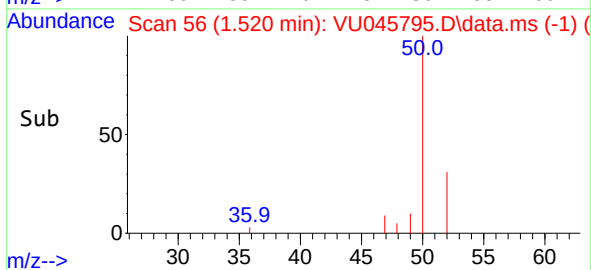
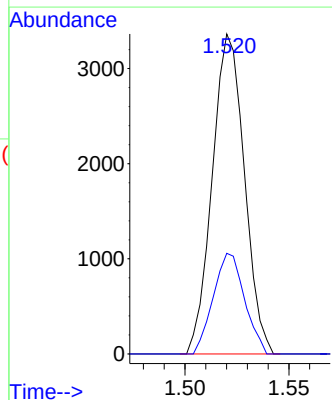
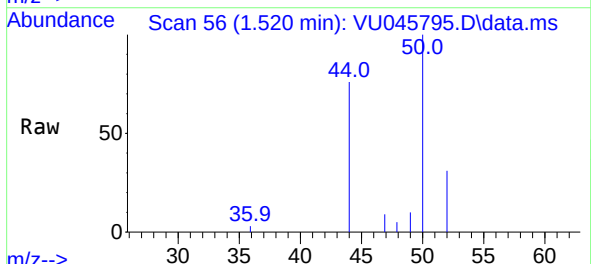
Manual Integrations
APPROVED

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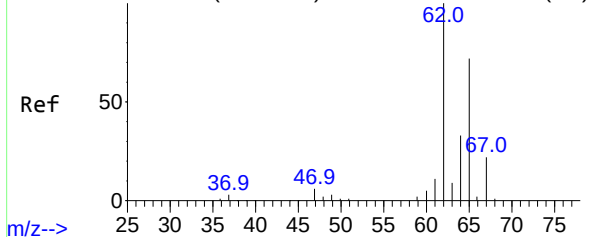


#3
Chloromethane
Concen: 0.379 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 50 Resp: 3617
Ion Ratio Lower Upper
50 100
52 31.5 23.0 42.8



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



#5

Vinyl chloride

Concen: 0.201 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 62 Resp: 1928

Ion Ratio Lower Upper

62 100

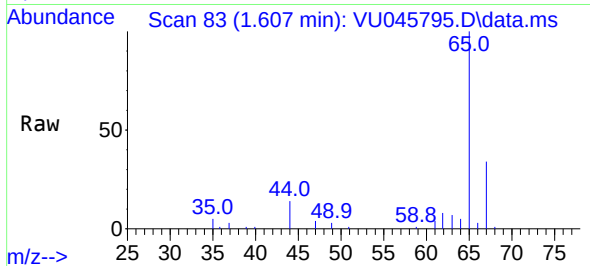
64 53.7 22.9 42.5

Manual Integrations

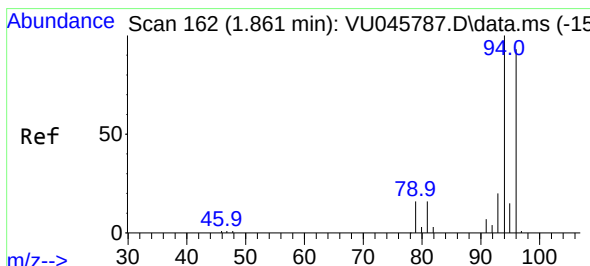
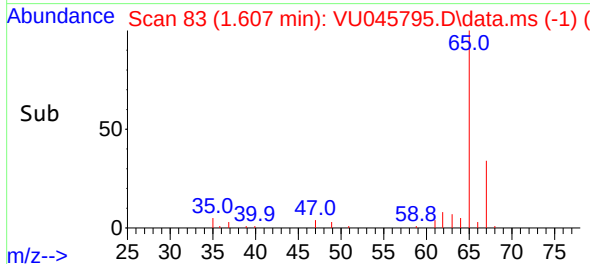
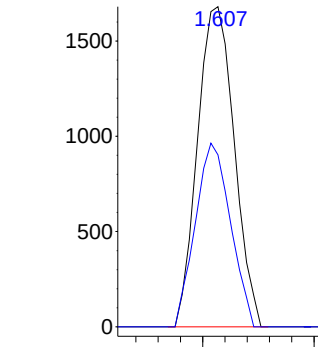
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Abundance



#6

Bromomethane

Concen: 0.217 ug/L

RT: 1.861 min Scan# 162

Delta R.T. -0.000 min

Lab File: VU045795.D

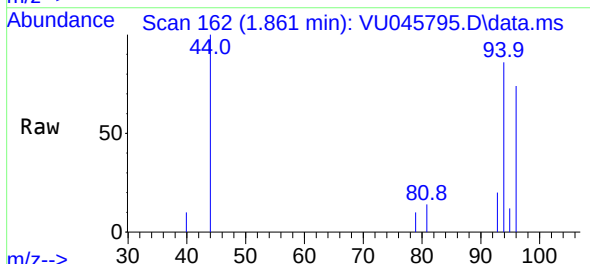
Acq: 15 Nov 2021 16:36

Tgt Ion: 94 Resp: 1232

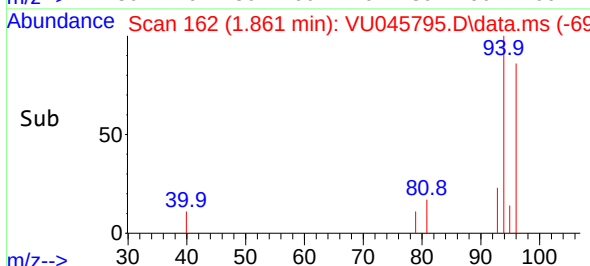
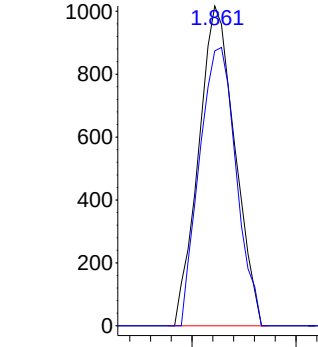
Ion Ratio Lower Upper

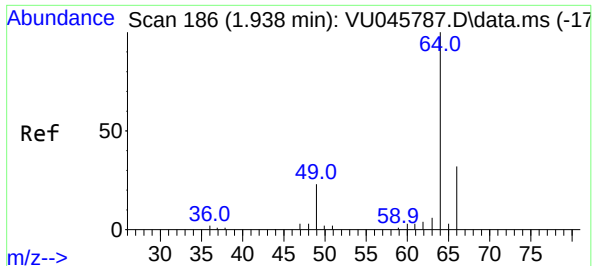
94 100

96 85.9 65.5 121.6



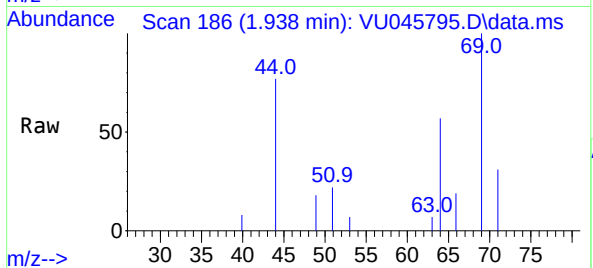
Abundance





#8
Chloroethane
Concen: 0.227 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

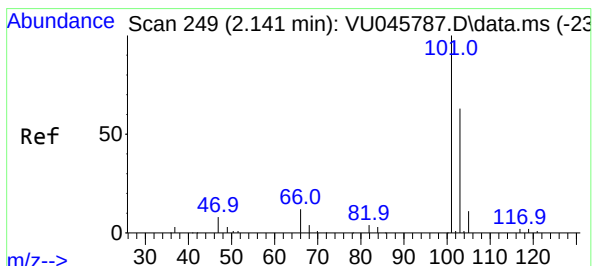
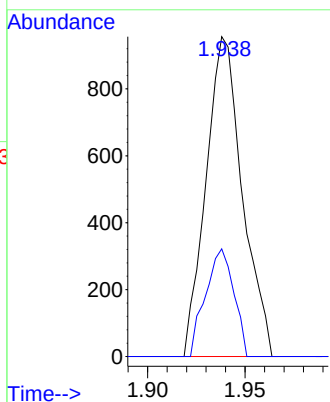
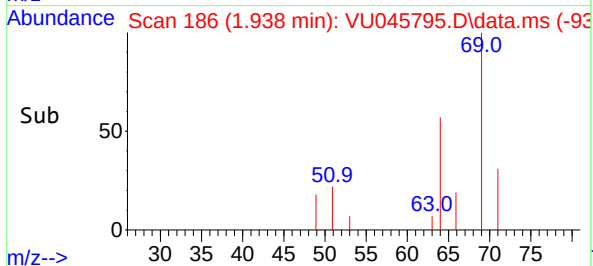
Instrument :
MSVOA_U
ClientSampleId :
MDL04



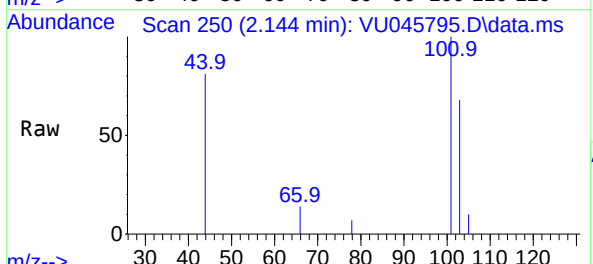
Tgt Ion: 64 Resp: 1239
Ion Ratio Lower Upper
64 100
66 33.7 22.1 41.1

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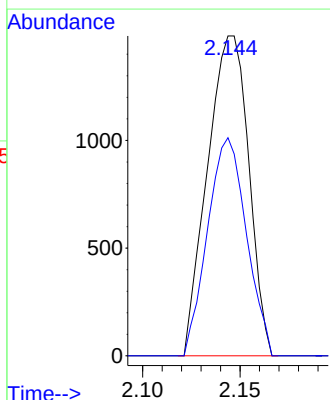
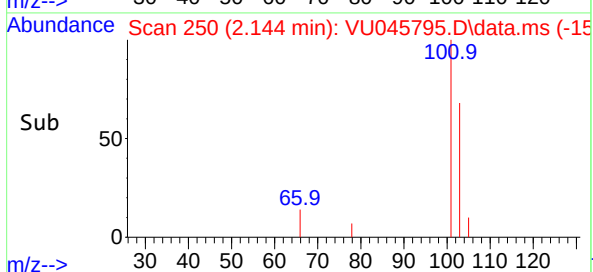
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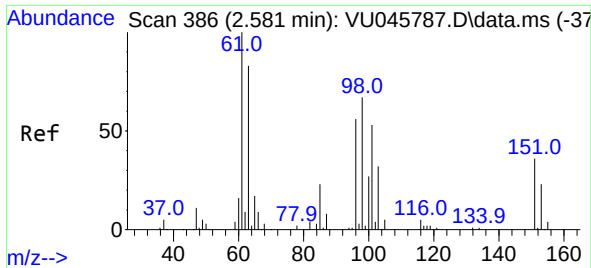


#9
Trichlorofluoromethane
Concen: 0.177 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36



Tgt Ion:101 Resp: 2190
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3





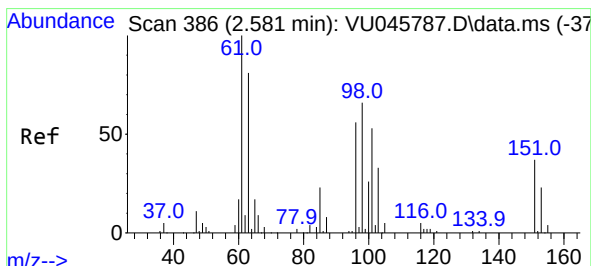
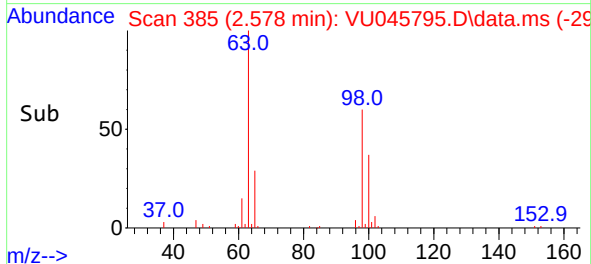
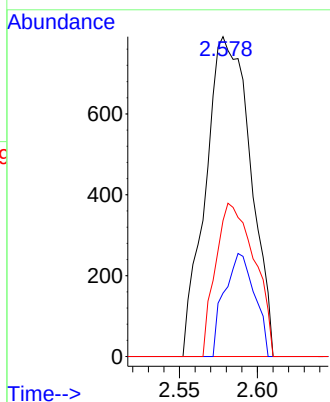
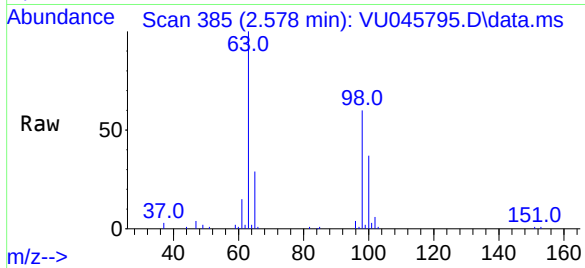
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.219 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
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ClientSampleId :
MDL04

Tgt Ion:101 Resp: 1580
Ion Ratio Lower Upper
101 100
85 21.6 34.6 51.8
151 41.4 56.1 84.1

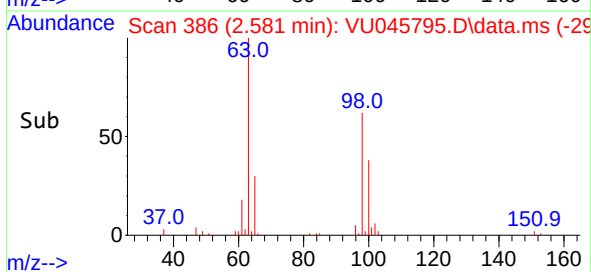
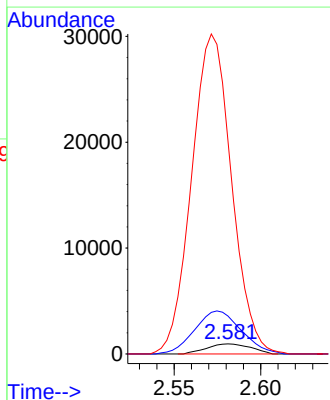
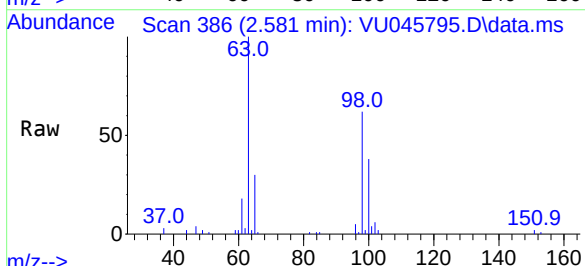
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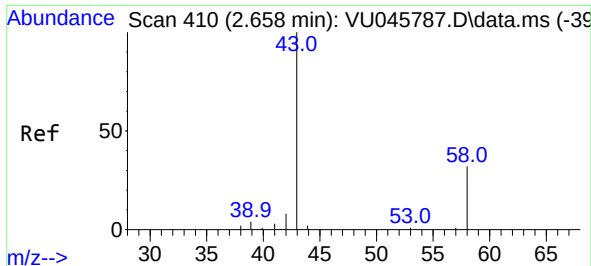
Reviewed By :John Carlone 11/16/2021
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#12
1,1-Dichloroethene
Concen: 0.246 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 96 Resp: 1682
Ion Ratio Lower Upper
96 100
61 376.7 124.7 231.5#
63 2118.2 105.2 195.4#





#13

Acetone

Concen: 2.986 ug/L m

RT: 2.681 min Scan# 41

Delta R.T. 0.022 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 43 Resp: 412

Ion Ratio Lower Upper

43 100

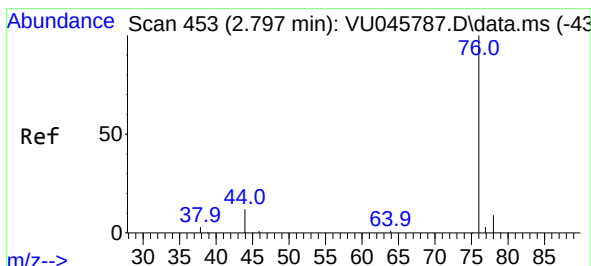
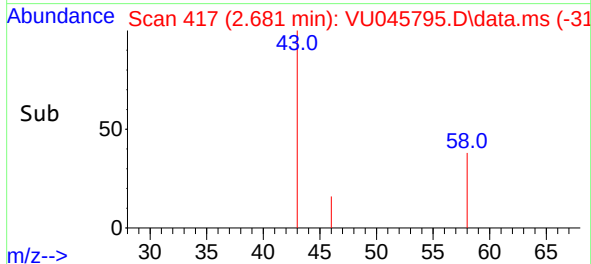
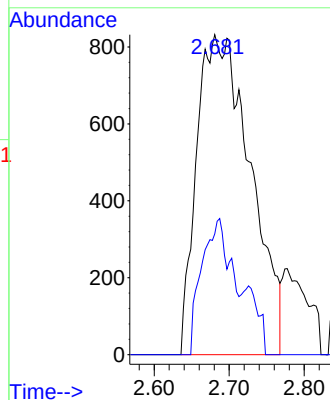
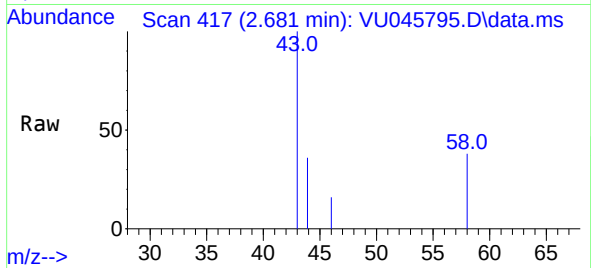
58 18.3 0.0 71.6

Manual Integrations

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#14

Carbon disulfide

Concen: 0.190 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU045795.D

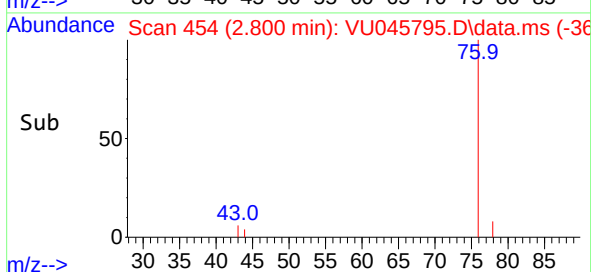
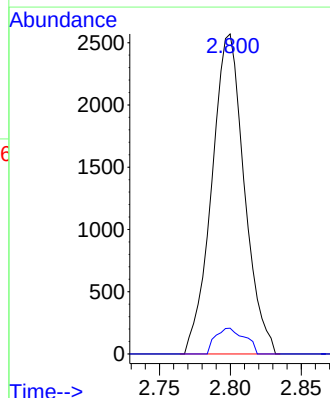
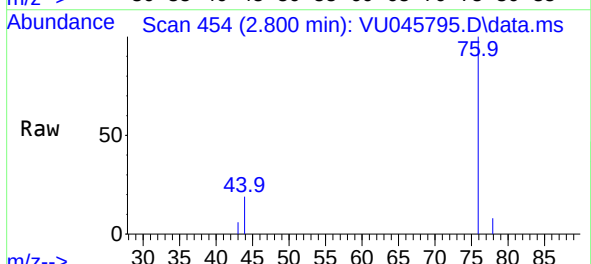
Acq: 15 Nov 2021 16:36

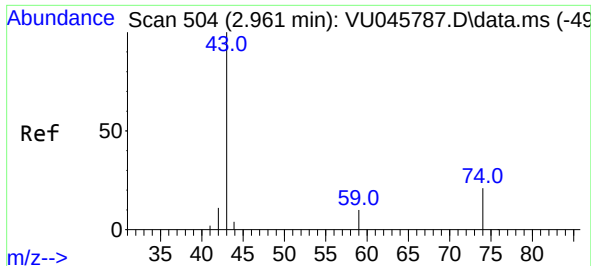
Tgt Ion: 76 Resp: 4106

Ion Ratio Lower Upper

76 100

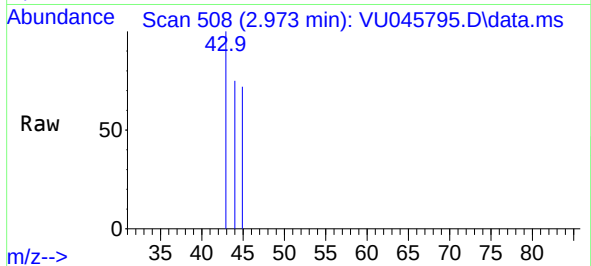
78 8.1 7.5 11.3





#15
Methyl Acetate
Concen: 0.225 ug/L
RT: 2.973 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

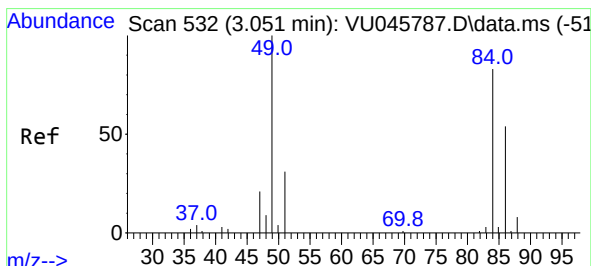
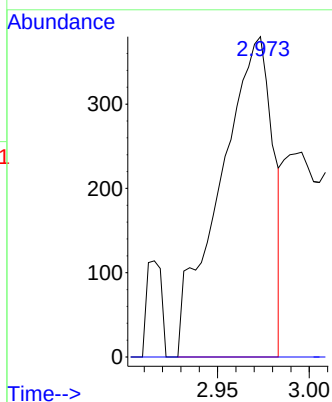
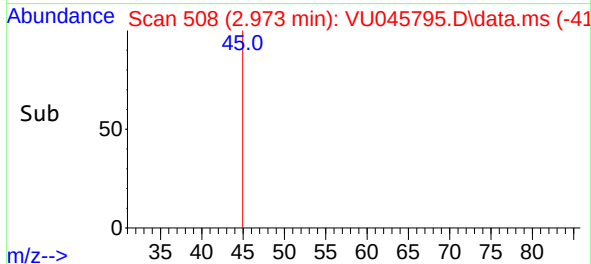
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7

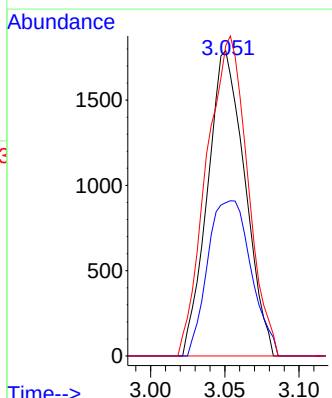
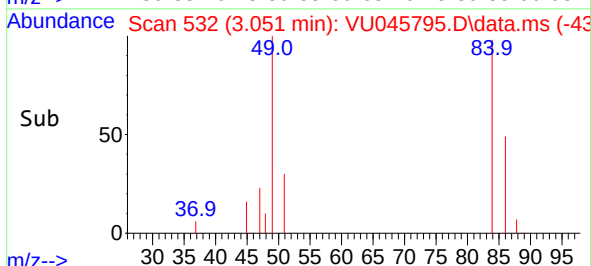
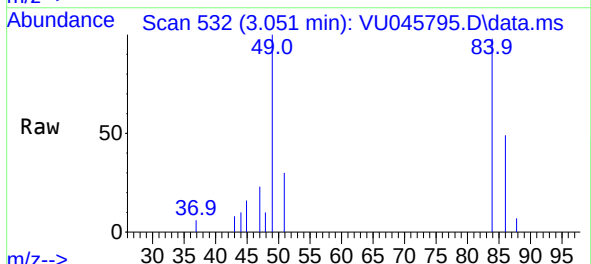
Manual Integrations
APPROVED

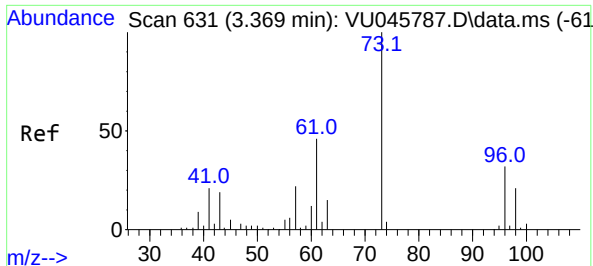
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Methylene chloride
Concen: 0.310 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

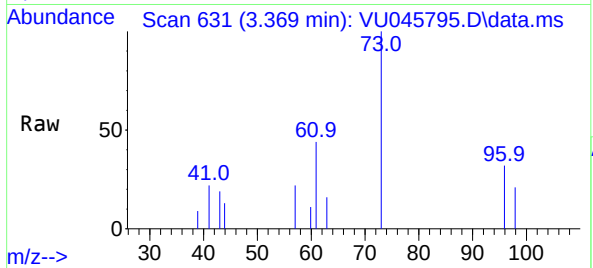
Tgt Ion: 84 Resp: 3132
Ion Ratio Lower Upper
84 100
86 50.2 45.8 85.0
49 101.6 84.5 156.9





#17
Methyl tert-butyl Ether
Concen: 0.203 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

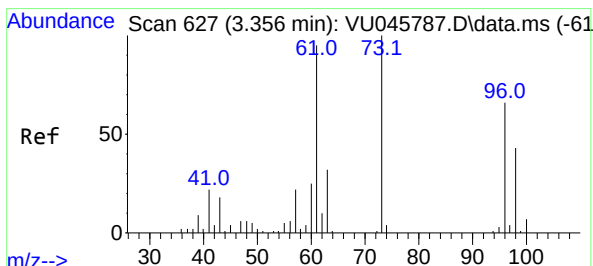
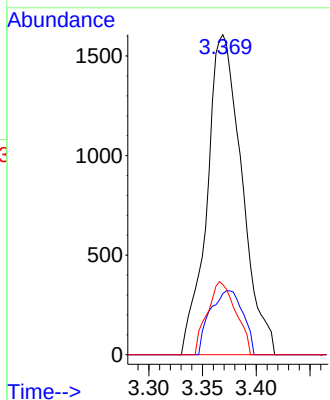
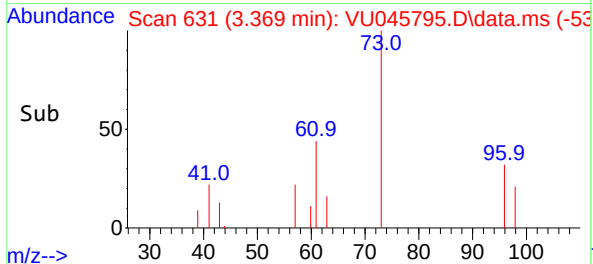
Instrument :
MSVOA_U
ClientSampleId :
MDL04



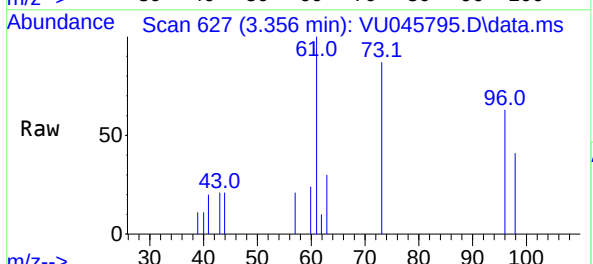
Tgt Ion: 73 Resp: 3624
Ion Ratio Lower Upper
73 100
43 18.8 14.8 22.2
57 18.7 17.4 26.0

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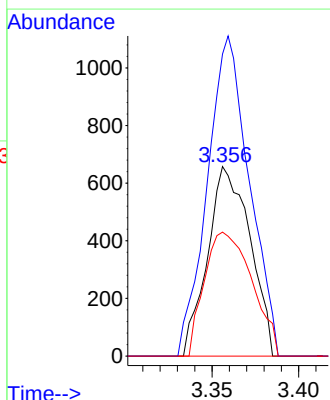
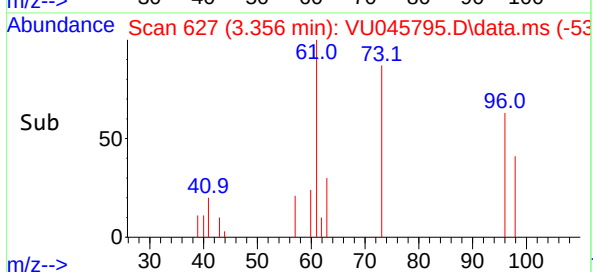
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

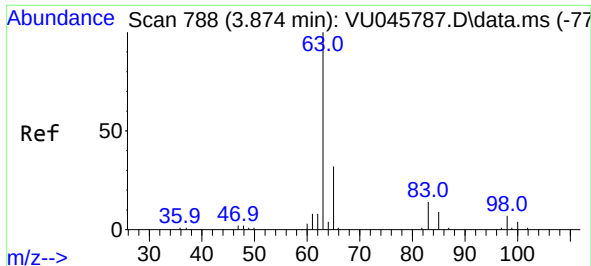


#18
trans-1,2-Dichloroethene
Concen: 0.153 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36



Tgt Ion: 96 Resp: 1121
Ion Ratio Lower Upper
96 100
61 159.3 100.8 187.2
98 65.3 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.177 ug/L

RT: 3.874 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 63 Resp: 2438

Ion Ratio Lower Upper

63 100

65 29.0 22.3 41.5

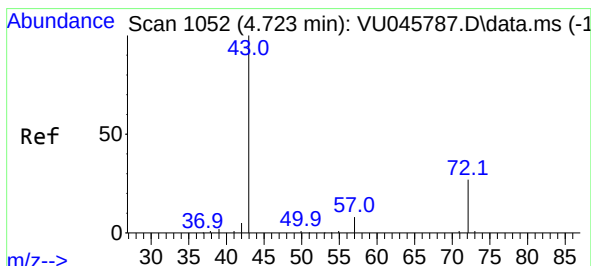
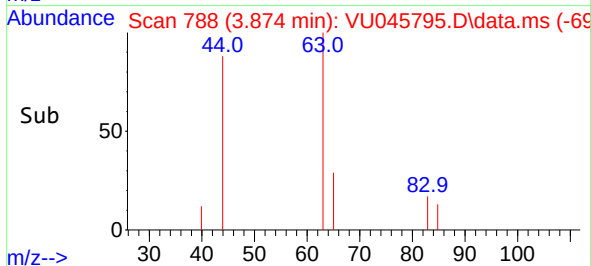
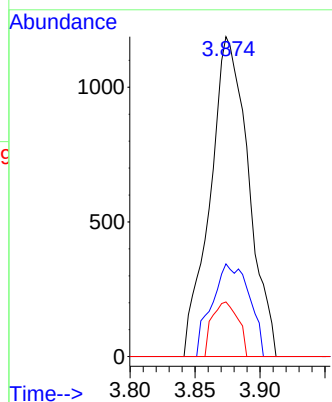
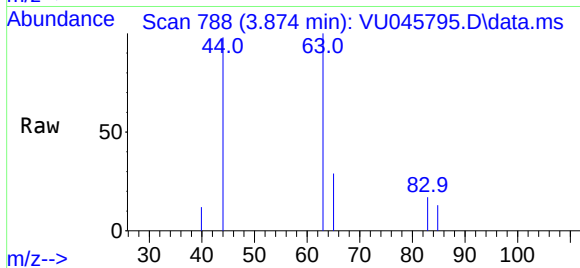
83 17.1 9.6 17.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#21

2-Butanone

Concen: 2.572 ug/L m

RT: 4.735 min Scan# 1056

Delta R.T. 0.013 min

Lab File: VU045795.D

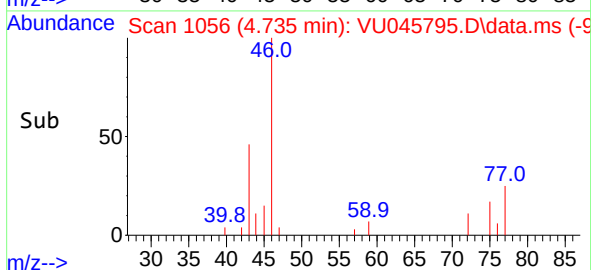
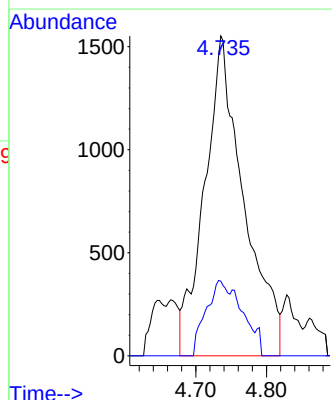
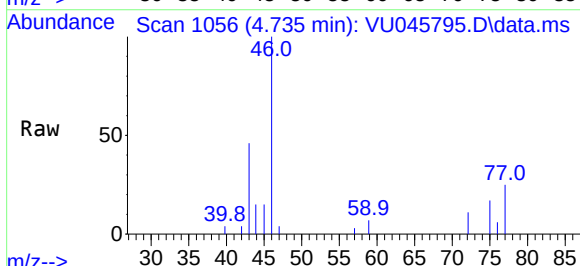
Acq: 15 Nov 2021 16:36

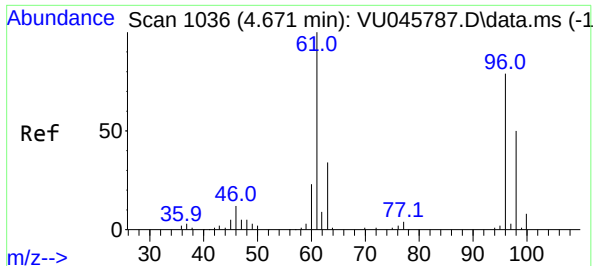
Tgt Ion: 43 Resp: 5981

Ion Ratio Lower Upper

43 100

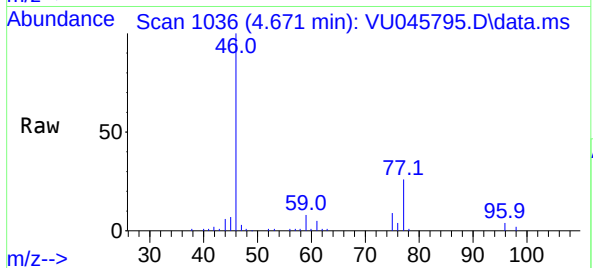
72 13.5 14.1 42.3#





#22
cis-1,2-Dichloroethene
Concen: 0.192 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

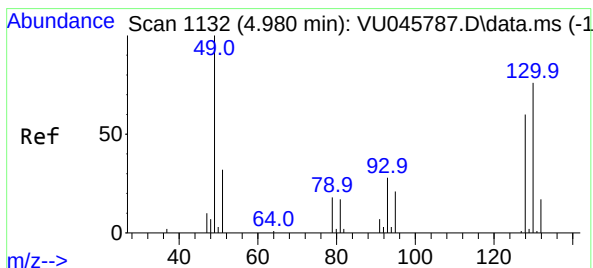
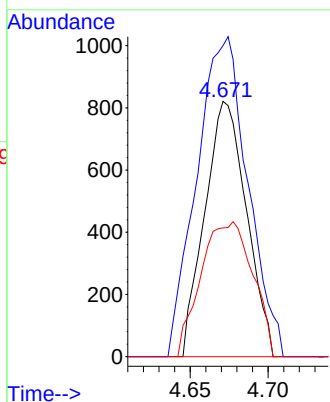
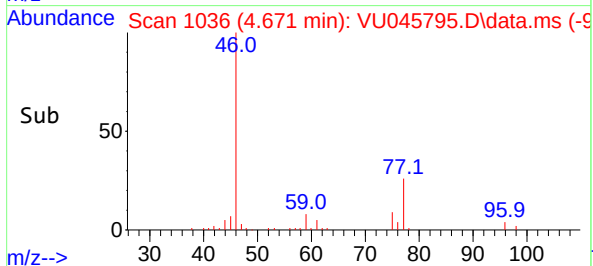
Instrument :
MSVOA_U
ClientSampleId :
MDL04



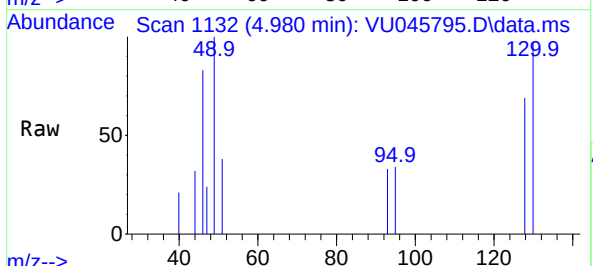
Tgt Ion: 96 Resp: 1520
Ion Ratio Lower Upper
96 100
61 121.8 88.5 164.3
98 50.4 44.4 82.5

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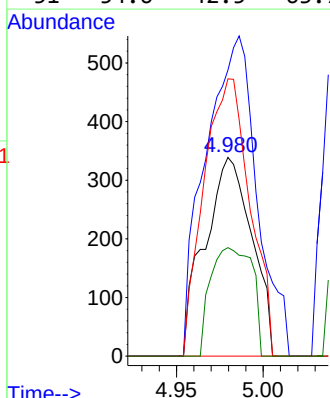
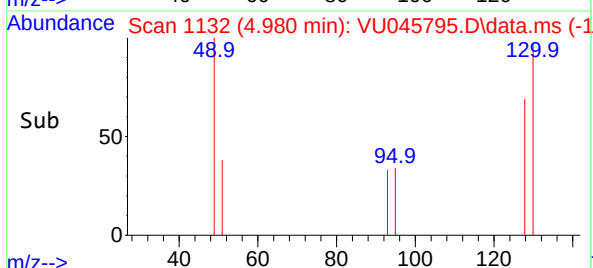
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

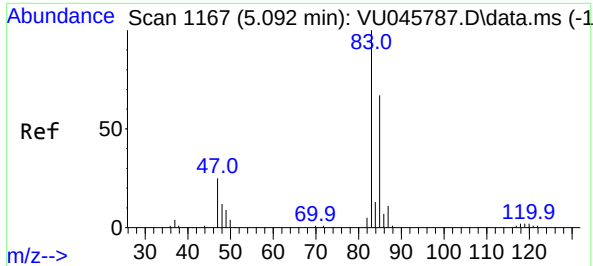


#23
Bromochloromethane
Concen: 0.185 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36



Tgt Ion:128 Resp: 642
Ion Ratio Lower Upper
128 100
49 144.0 117.0 217.2
130 139.5 88.2 163.8
51 54.6 42.5 63.7





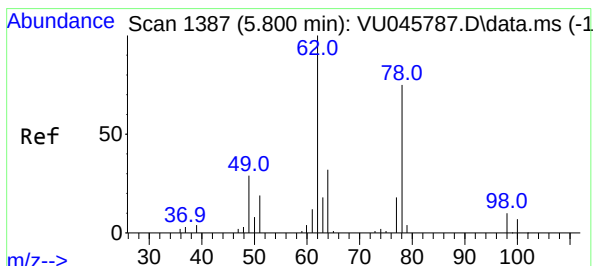
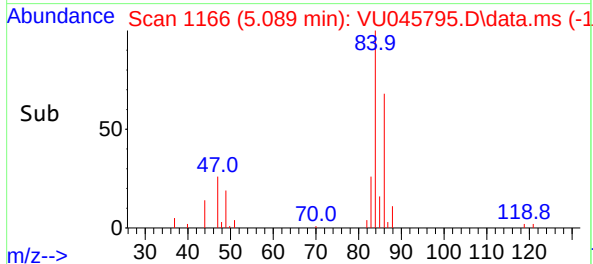
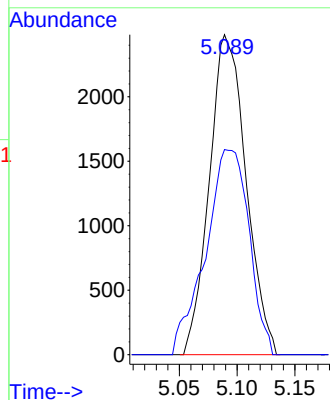
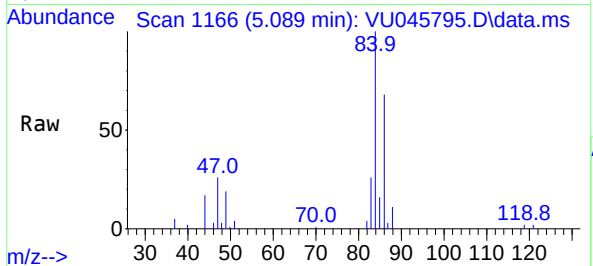
#25
Chloroform
Concen: 0.368 ug/L
RT: 5.089 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 548
Ion Ratio Lower Upper
83 100
85 64.1 46.9 87.1

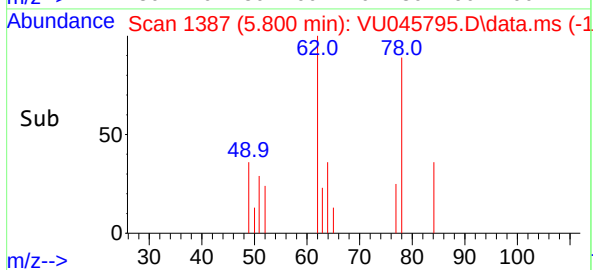
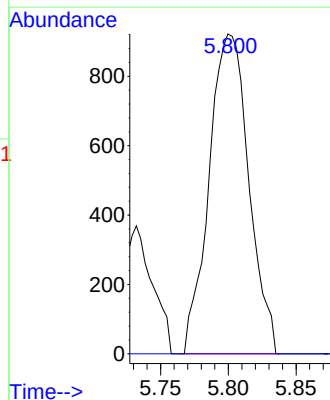
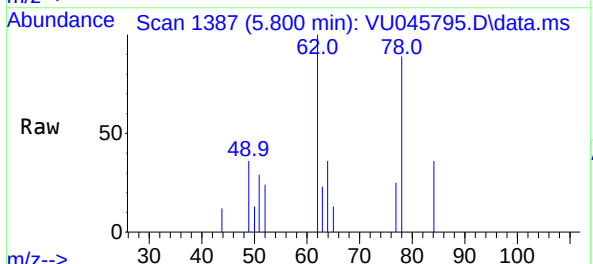
Manual Integrations
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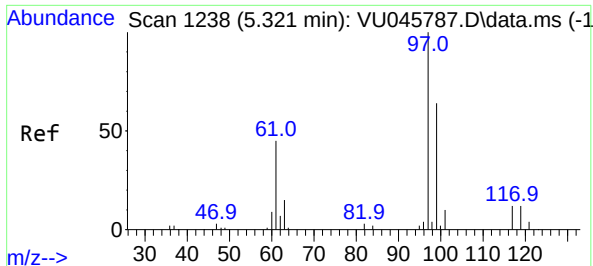
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#27
1,2-Dichloroethane
Concen: 0.198 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 62 Resp: 1882
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 0.161 ug/L

RT: 5.324 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

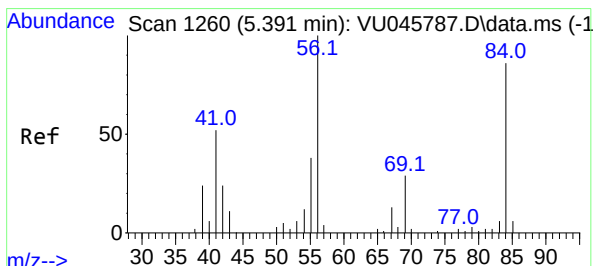
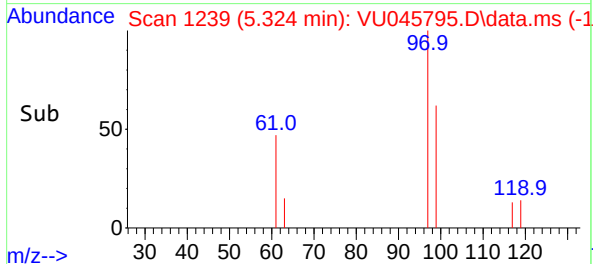
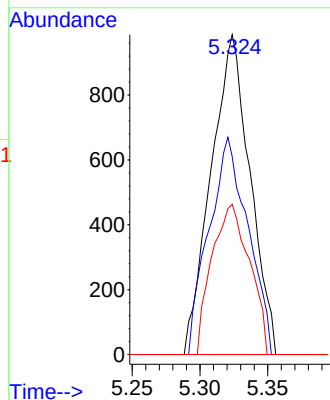
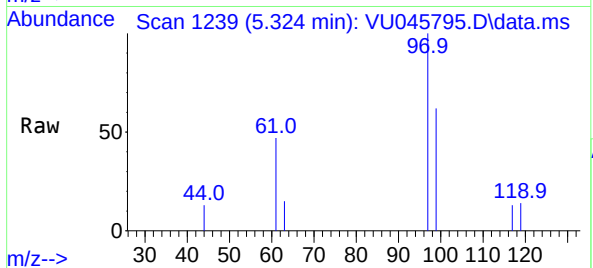
Tgt Ion: 97	Resp: 197
Ion Ratio	Lower Upper
97 100	
99 68.1	51.3 76.9
61 45.4	36.1 54.1

Manual Integrations

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Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#30

Cyclohexane

Concen: 0.148 ug/L

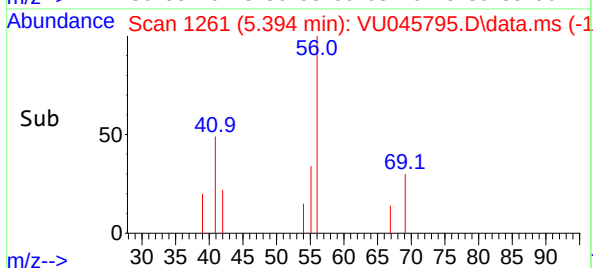
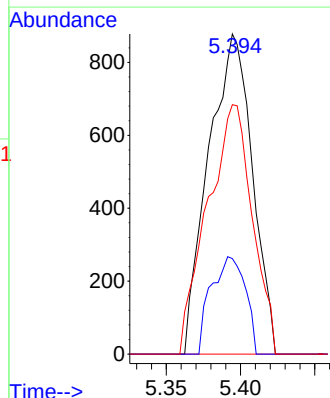
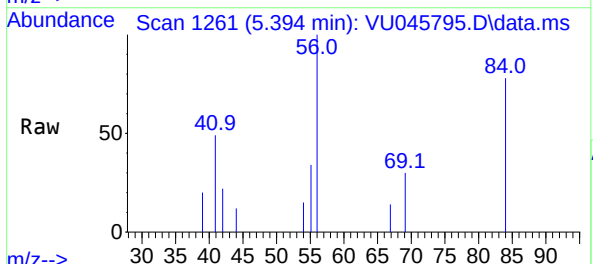
RT: 5.394 min Scan# 1261

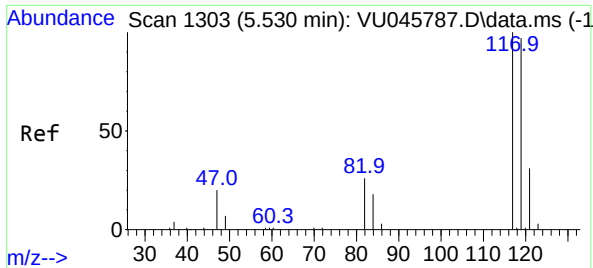
Delta R.T. 0.003 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Tgt Ion: 56	Resp: 1799
Ion Ratio	Lower Upper
56 100	
69 23.6	24.7 37.1
84 79.8	71.8 107.6





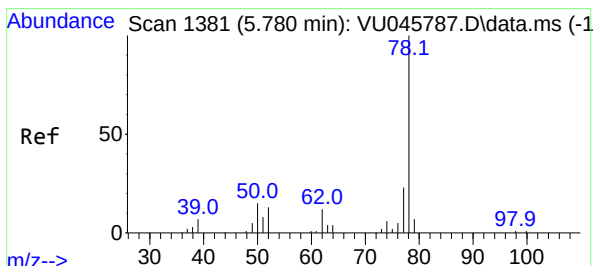
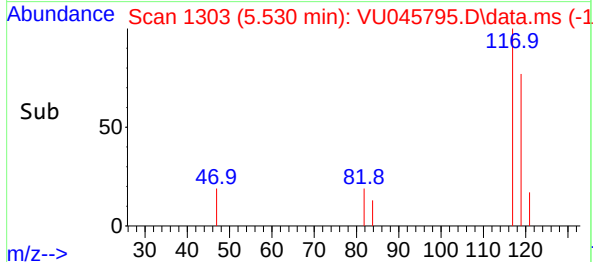
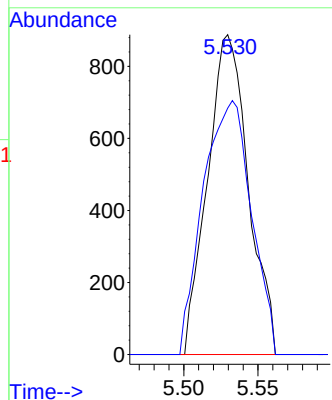
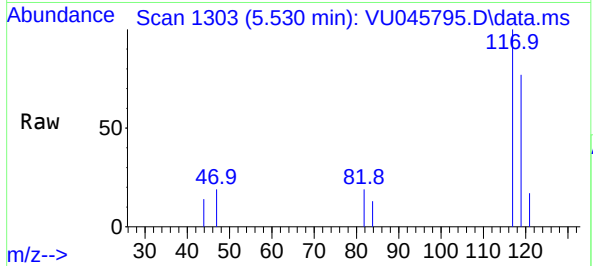
#31
Carbon tetrachloride
Concen: 0.165 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:117 Resp: 1698
Ion Ratio Lower Upper
117 100
119 93.7 77.5 116.3

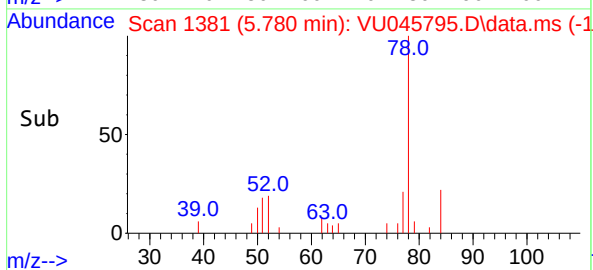
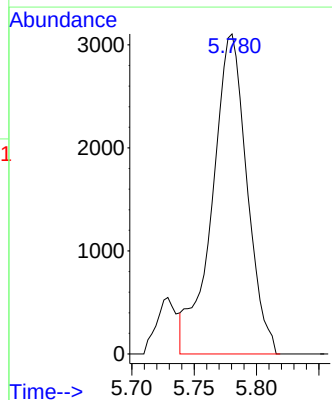
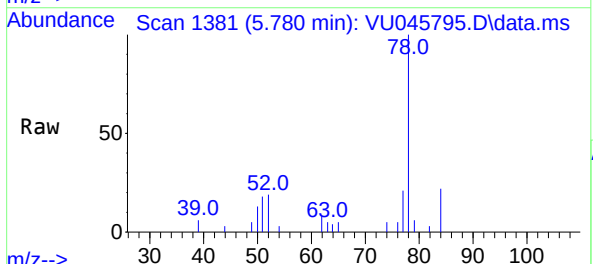
Manual Integrations
APPROVED

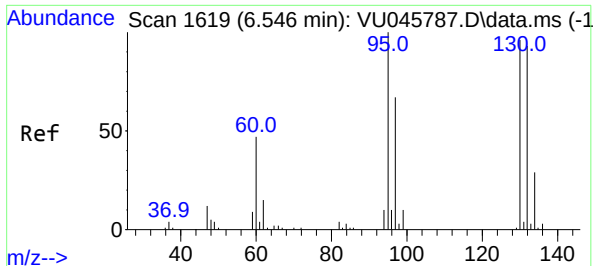
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#33
Benzene
Concen: 0.191 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

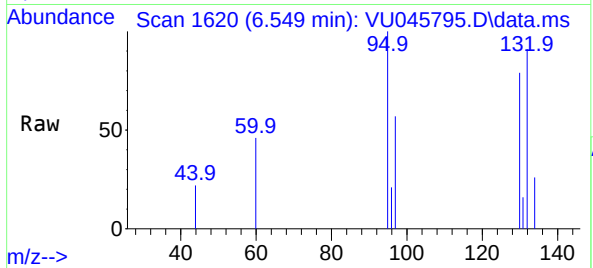
Tgt Ion: 78 Resp: 6010





#34
Trichloroethene
Concen: 0.186 ug/L
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

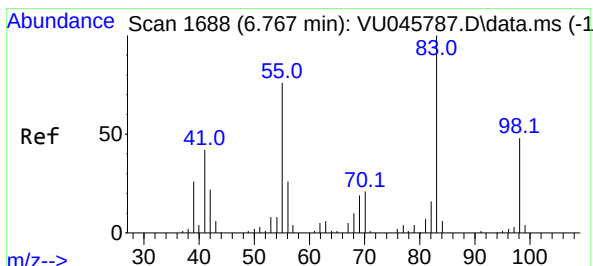
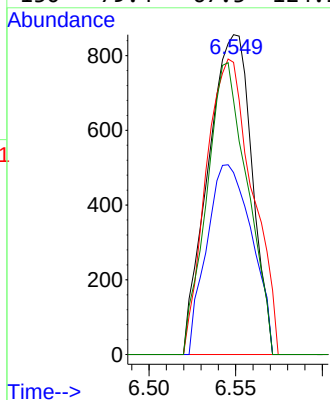
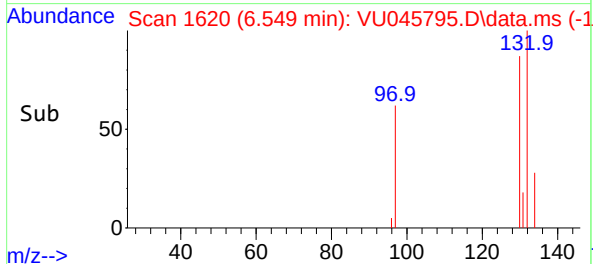
Instrument :
MSVOA_U
ClientSampleId :
MDL04



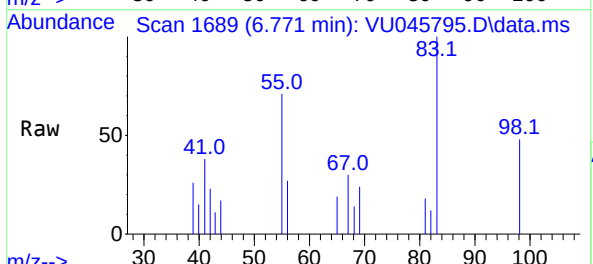
Tgt Ion: 95 Resp: 1507
Ion Ratio Lower Upper
95 100
97 56.9 46.5 86.5
132 91.4 65.1 120.9
130 79.4 67.3 124.9

Manual Integrations
APPROVED

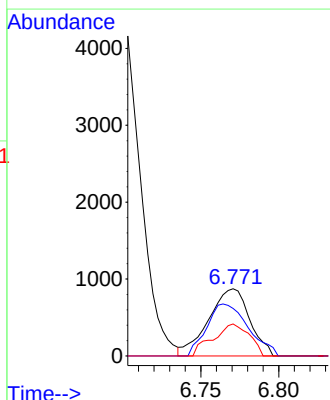
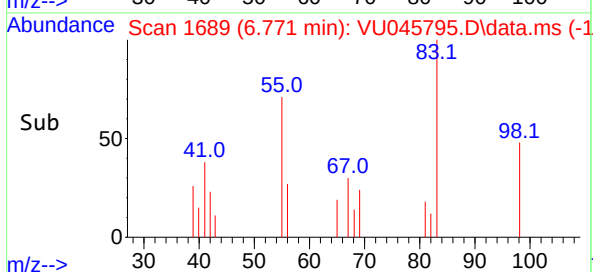
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

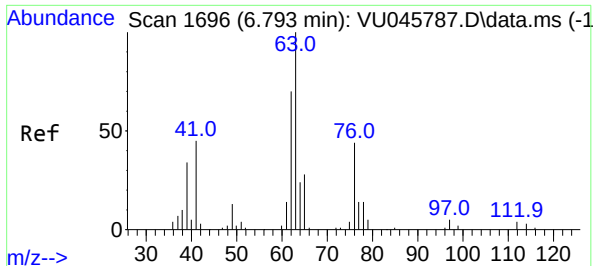


#35
Methylcyclohexane
Concen: 0.128 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36



Tgt Ion: 83 Resp: 1599
Ion Ratio Lower Upper
83 100
55 78.4 61.9 92.9
98 42.2 39.0 58.6





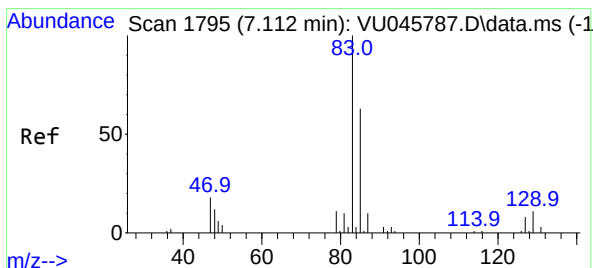
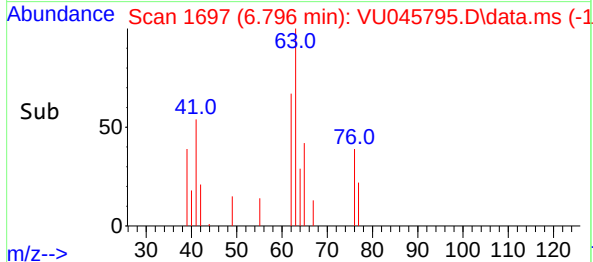
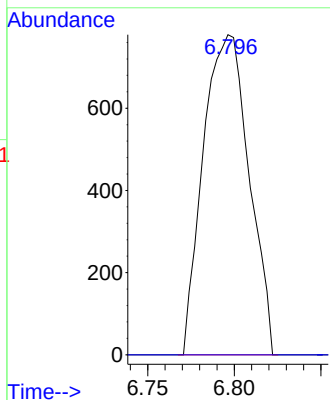
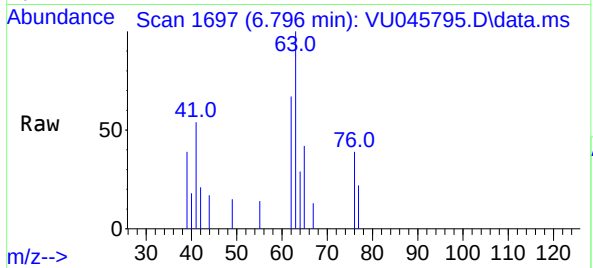
#37
1,2-Dichloropropane
Concen: 0.173 ug/L
RT: 6.796 min Scan# 1696
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 63 Resp: 143
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8

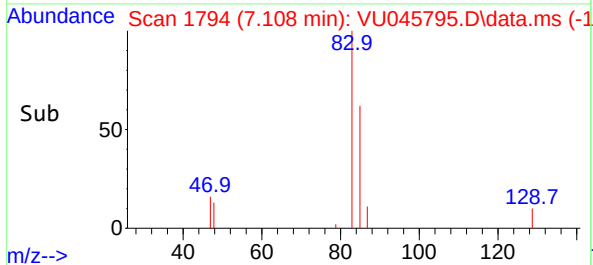
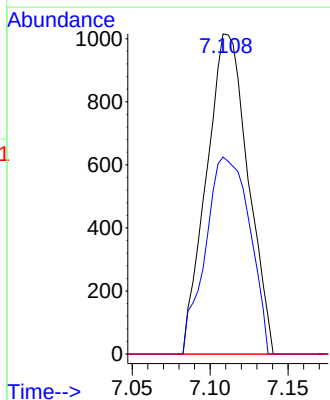
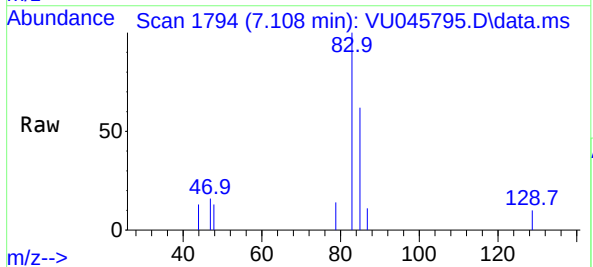
Manual Integrations
APPROVED

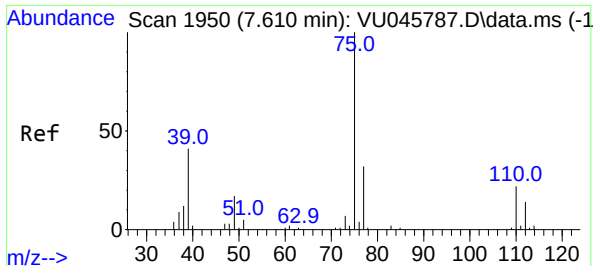
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#38
Bromodichloromethane
Concen: 0.184 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 83 Resp: 1879
Ion Ratio Lower Upper
83 100
85 61.6 44.0 81.8
127 0.0 6.3 9.5





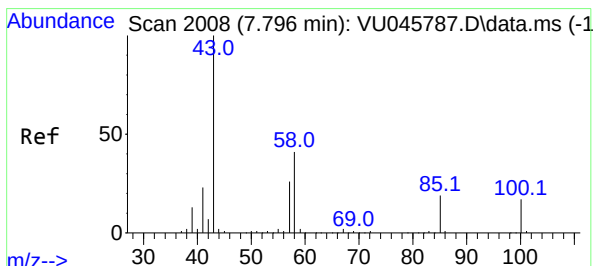
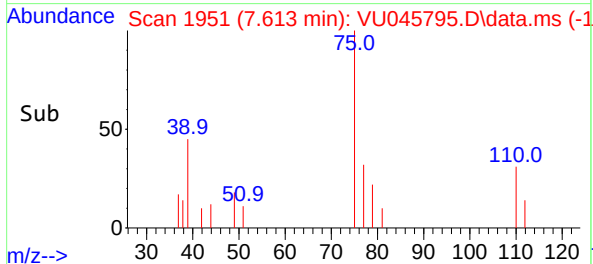
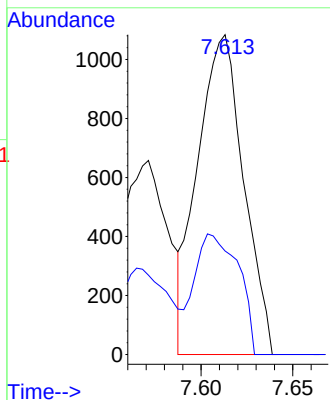
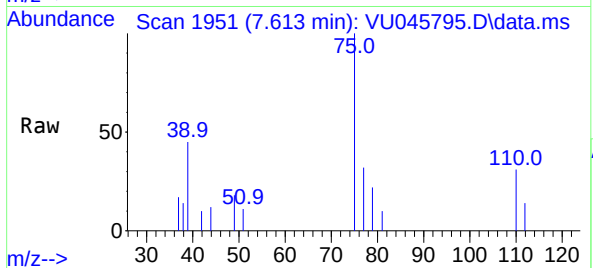
#39
cis-1,3-Dichloropropene
Concen: 0.161 ug/L
RT: 7.613 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 75 Resp: 1894
Ion Ratio Lower Upper
75 100
77 32.4 22.5 41.9

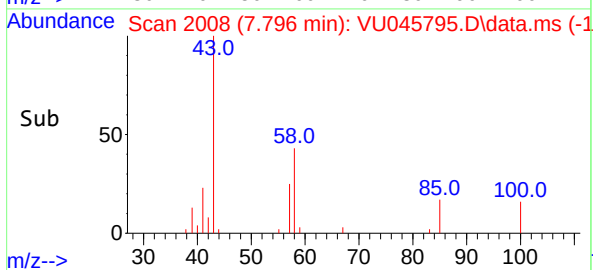
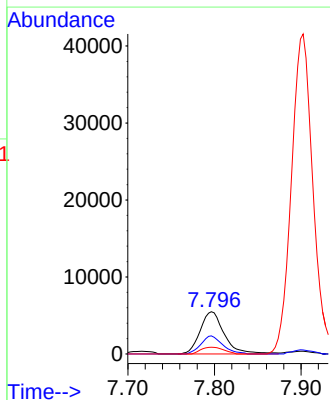
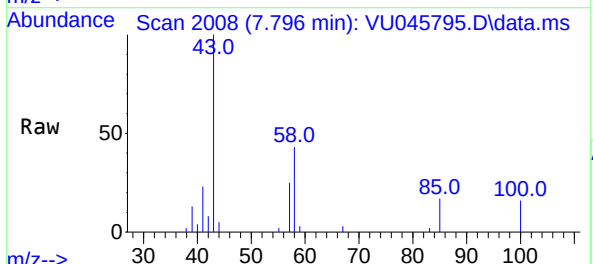
Manual Integrations
APPROVED

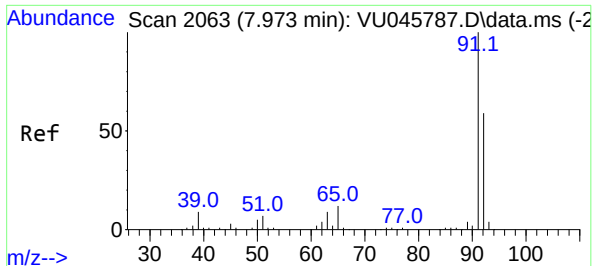
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#40
4-Methyl-2-pentanone
Concen: 1.959 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

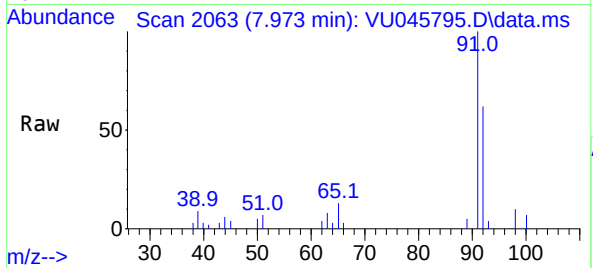
Tgt Ion: 43 Resp: 10648
Ion Ratio Lower Upper
43 100
58 38.3 33.1 49.7
100 0.0 13.2 19.8#





#42
Toluene
Concen: 0.221 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

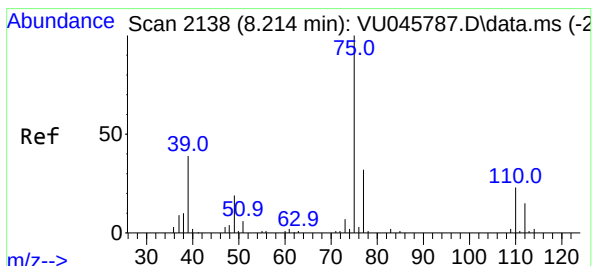
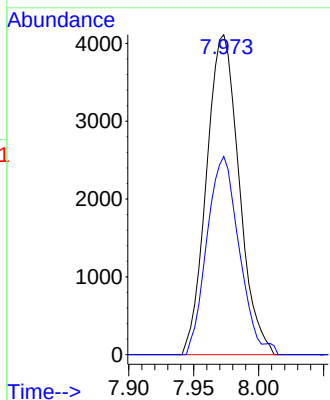
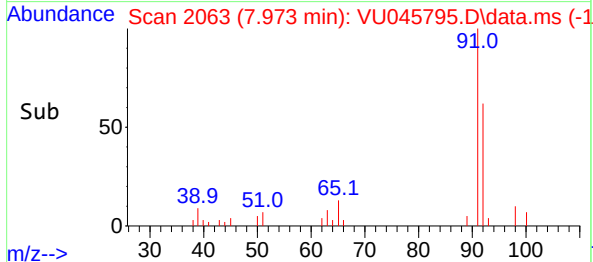
Instrument : MSVOA_U
ClientSampleId : MDL04



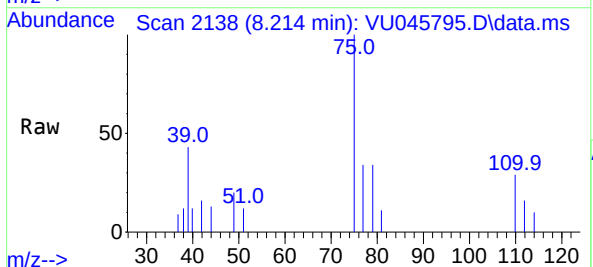
Tgt Ion: 91 Resp: 7189
Ion Ratio Lower Upper
91 100
92 61.9 41.3 76.7

Manual Integrations
APPROVED

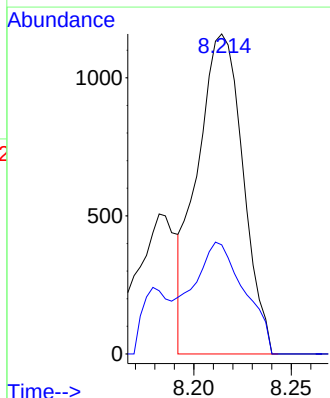
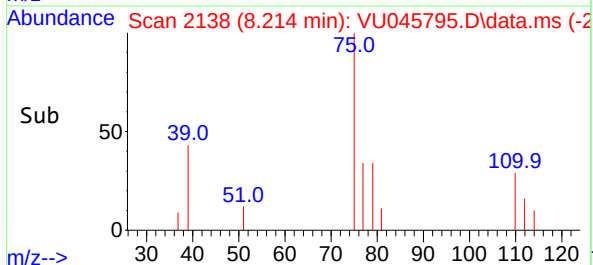
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

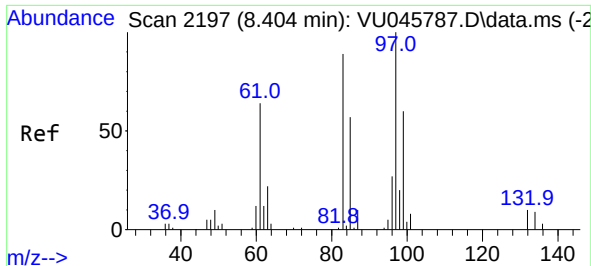


#44
trans-1,3-Dichloropropene
Concen: 0.185 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36



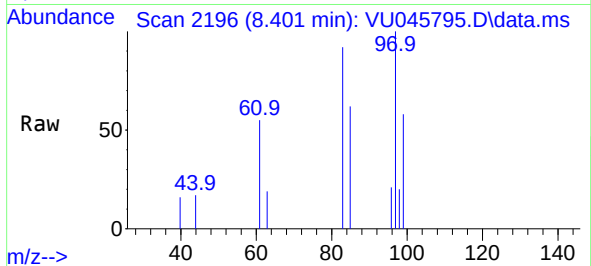
Tgt Ion: 75 Resp: 1894
Ion Ratio Lower Upper
75 100
77 34.1 22.7 42.3





#45
1,1,2-Trichloroethane
Concen: 0.186 ug/L
RT: 8.401 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
MDL04

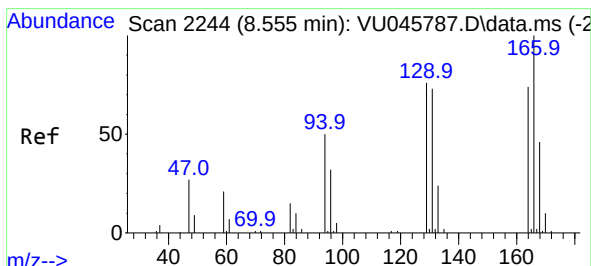
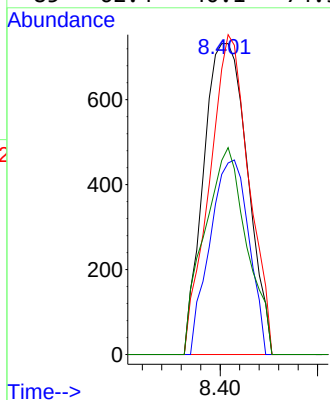
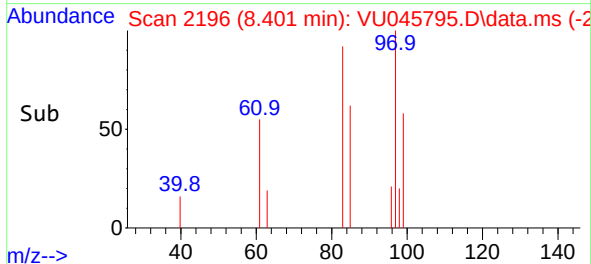


Tgt Ion: 97 Resp: 114

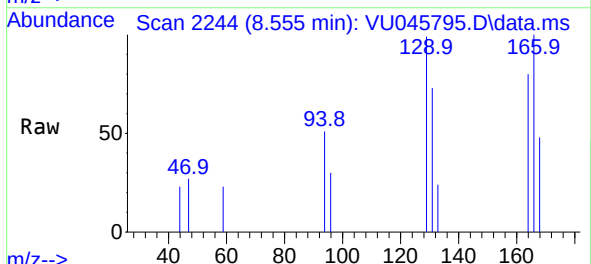
Ion	Ratio	Lower	Upper
97	100		
99	57.9	42.3	78.5
83	91.8	62.0	115.2
85	62.4	40.1	74.5

Manual Integrations
APPROVED

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

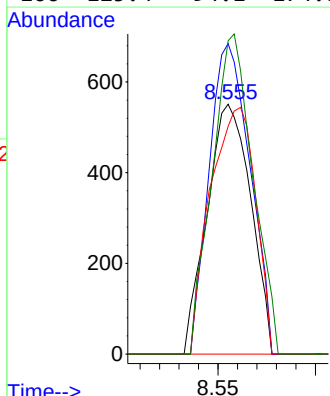
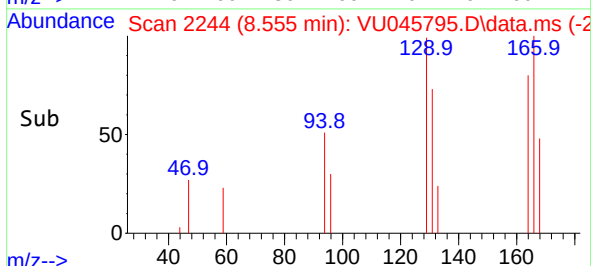


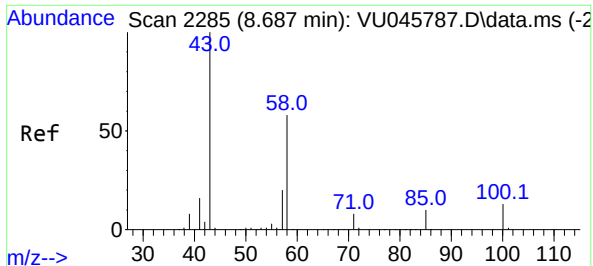
#47
Tetrachloroethene
Concen: 0.151 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36



Tgt Ion:164 Resp: 857

Ion	Ratio	Lower	Upper
164	100		
129	124.3	71.8	133.4
131	91.1	68.5	127.3
166	125.4	94.1	174.8





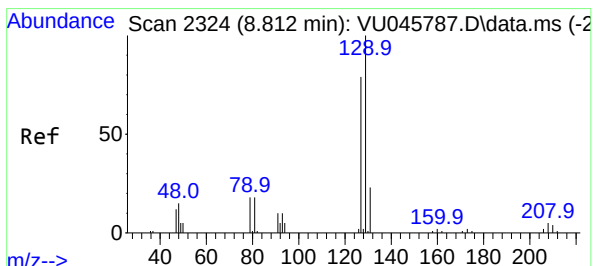
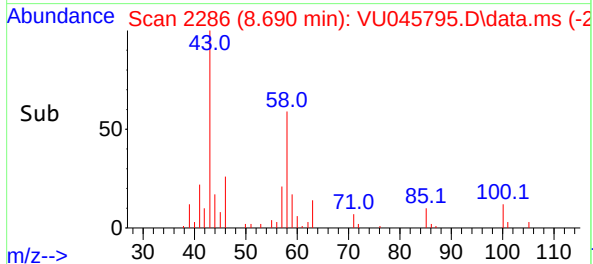
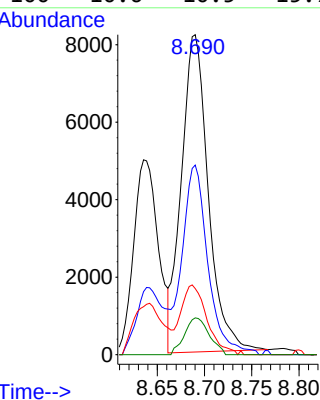
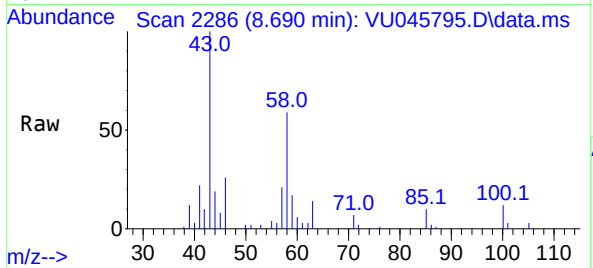
#48
2-Hexanone
Concen: 4.128 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
58 56.5 46.7 70.1
57 21.8 16.3 24.5
100 10.6 10.5 15.7

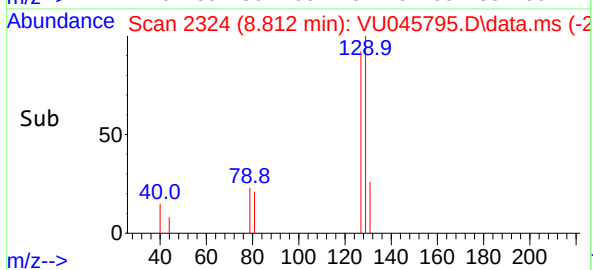
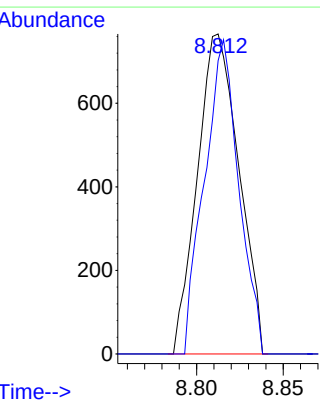
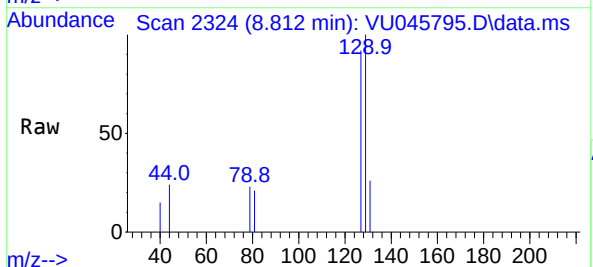
Manual Integrations
APPROVED

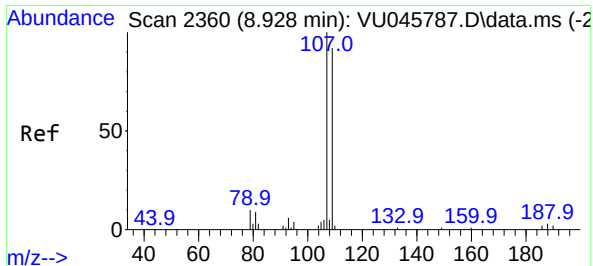
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#49
Dibromochloromethane
Concen: 0.183 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion:129 Resp: 1279
Ion Ratio Lower Upper
129 100
127 91.6 55.4 102.8





#50

1,2-Dibromoethane

Concen: 0.174 ug/L

RT: 8.928 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion:107 Resp: 1000

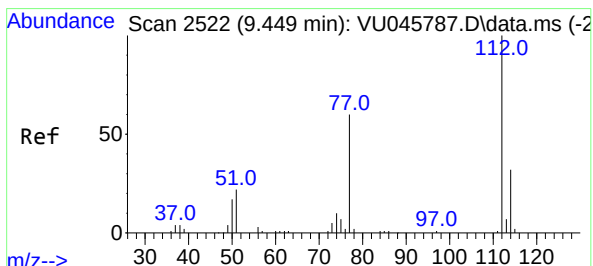
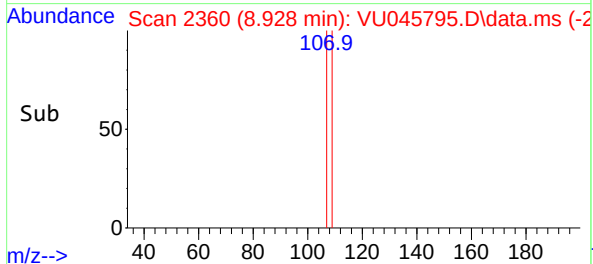
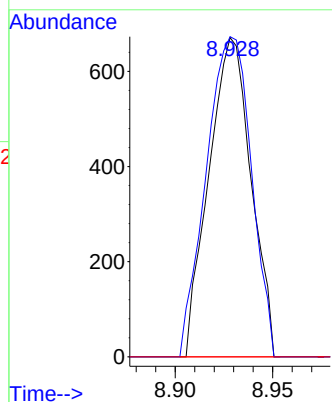
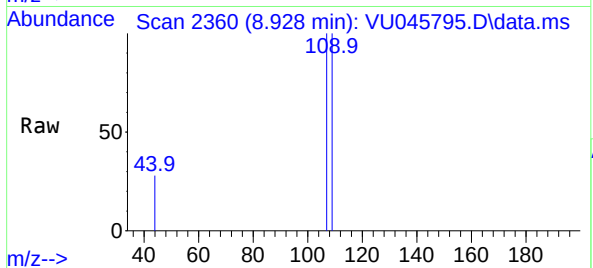
Ion	Ratio	Lower	Upper
107	100		
109	100.3	64.0	119.0
188	0.0	2.4	3.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#51

Chlorobenzene

Concen: 0.185 ug/L

RT: 9.449 min Scan# 2522

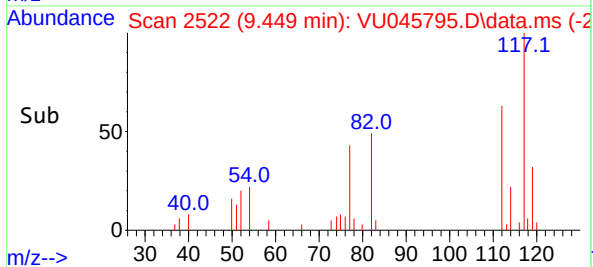
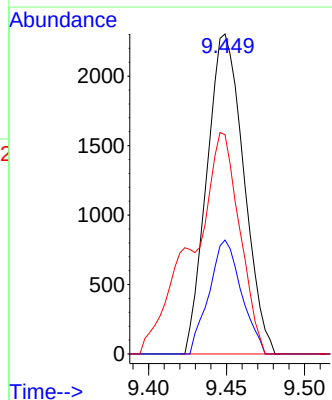
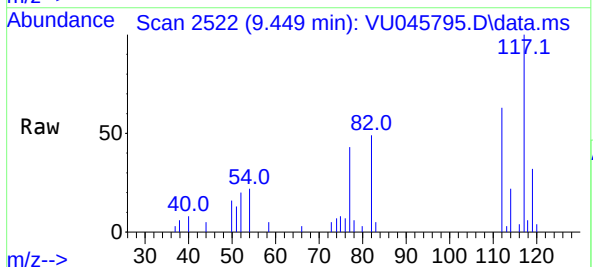
Delta R.T. -0.000 min

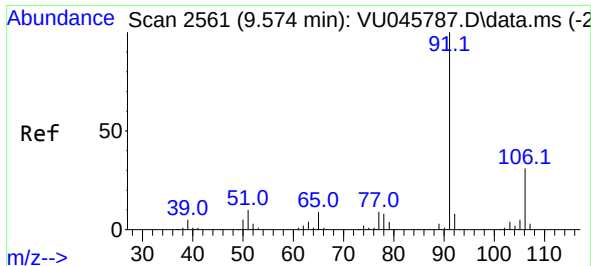
Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Tgt Ion:112 Resp: 3778

Ion	Ratio	Lower	Upper
112	100		
114	35.6	22.1	41.1
77	68.6	48.3	72.5





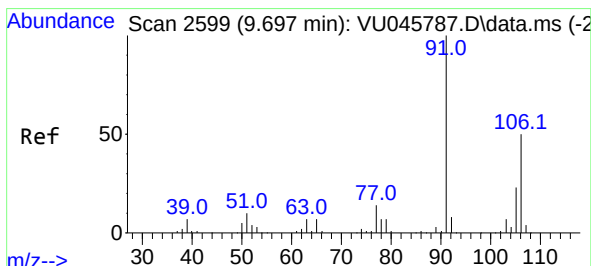
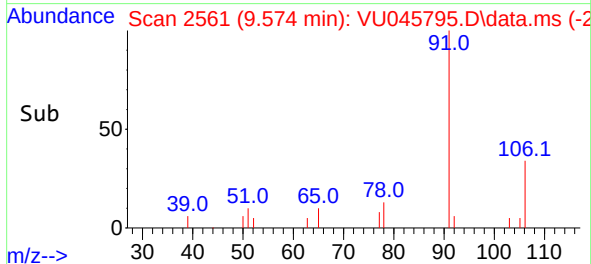
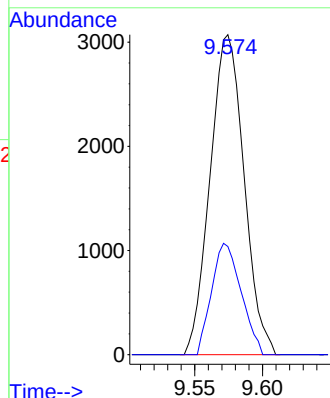
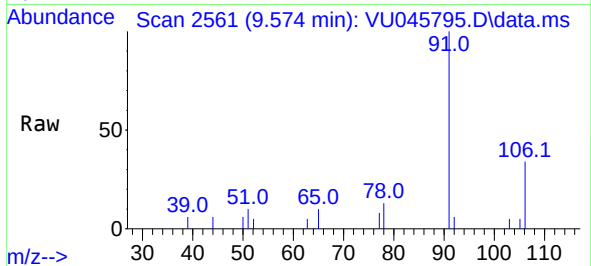
#52
Ethylbenzene
Concen: 0.157 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 5358
Ion Ratio Lower Upper
91 100
106 33.8 21.5 39.9

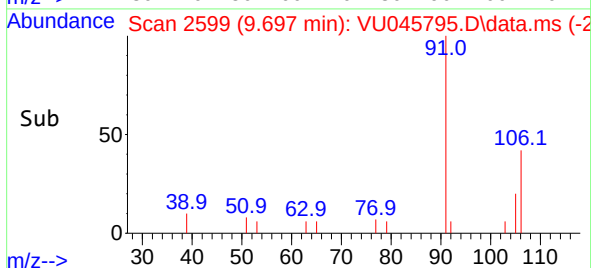
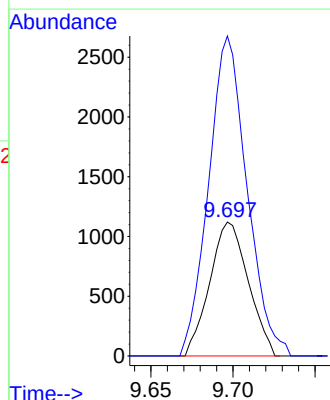
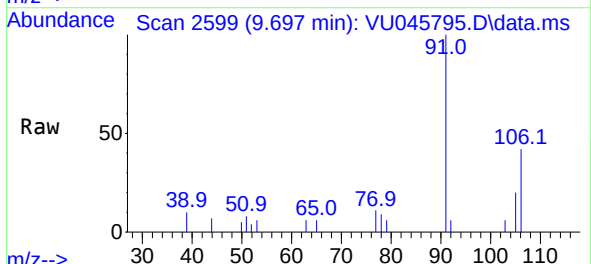
Manual Integrations
APPROVED

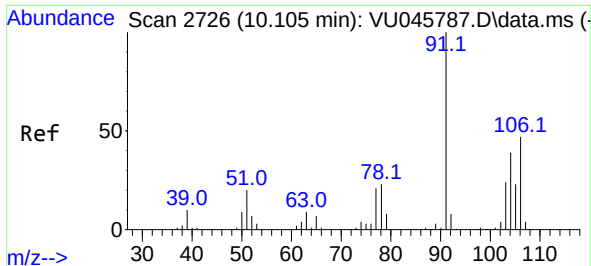
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#53
m,p-Xylene
Concen: 0.140 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion:106 Resp: 1827
Ion Ratio Lower Upper
106 100
91 238.9 139.4 259.0





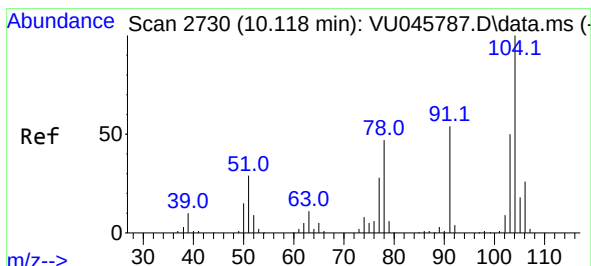
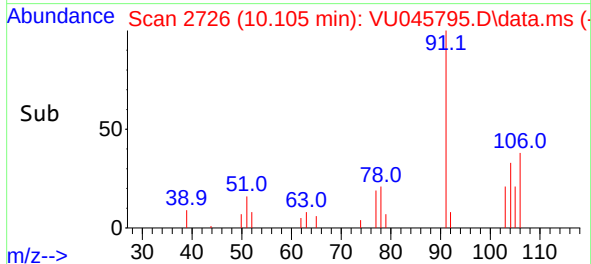
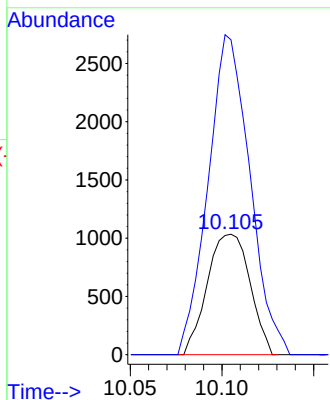
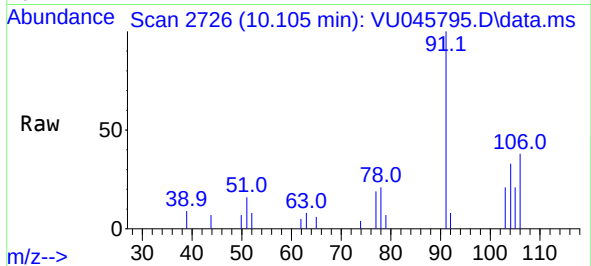
#54
o-Xylene
Concen: 0.133 ug/L
RT: 10.105 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 1670
Ion Ratio Lower Upper
106 100
91 261.2 147.5 273.9

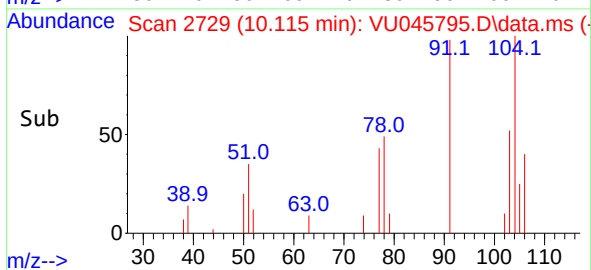
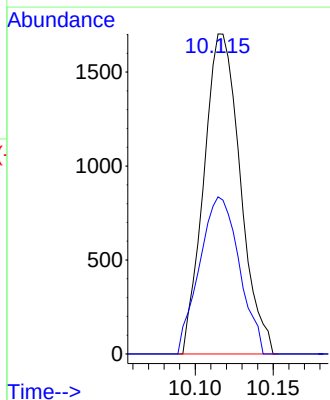
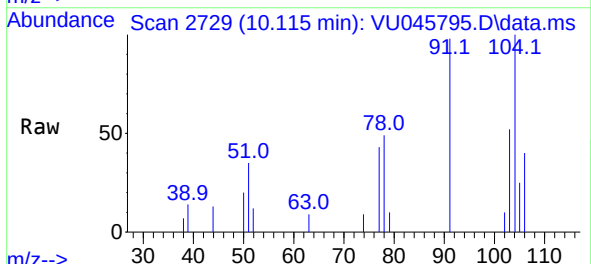
Manual Integrations
APPROVED

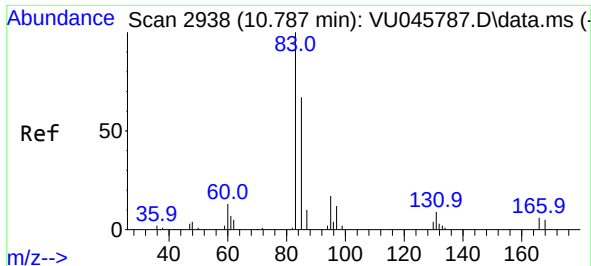
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#55
Styrene
Concen: 0.131 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion:104 Resp: 2766
Ion Ratio Lower Upper
104 100
78 49.1 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.203 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

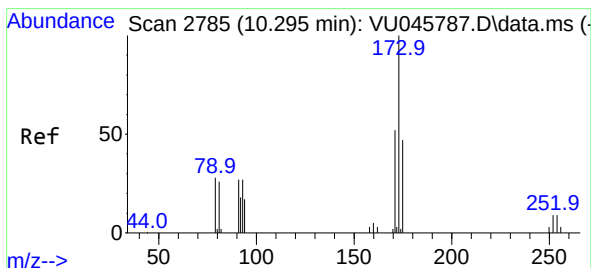
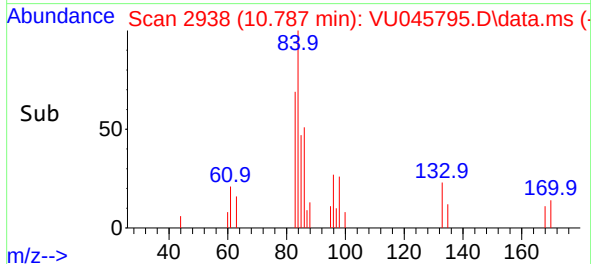
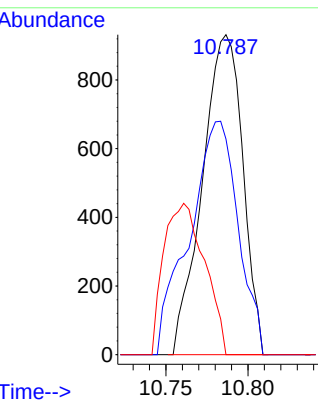
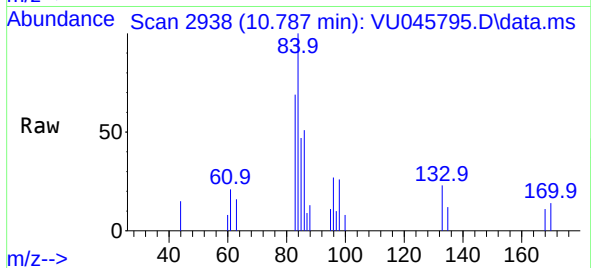
Tgt Ion: 83	Resp: 159
Ion Ratio	Lower Upper
83 100	
85 67.4	47.9 89.1
131 0.0	8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#59

Bromoform

Concen: 0.182 ug/L

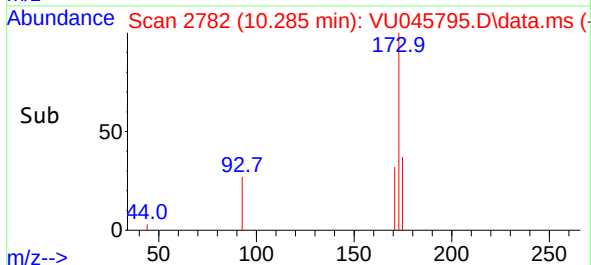
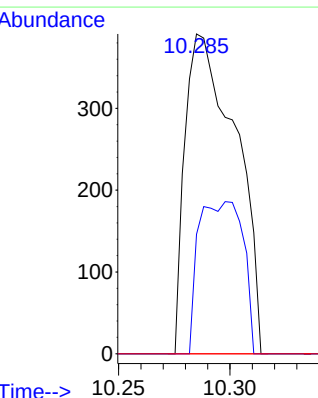
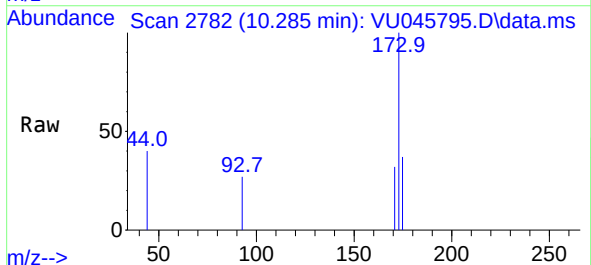
RT: 10.285 min Scan# 2782

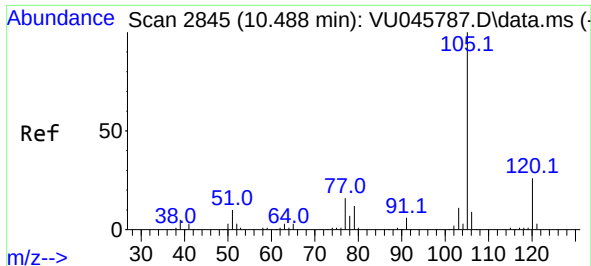
Delta R.T. -0.010 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

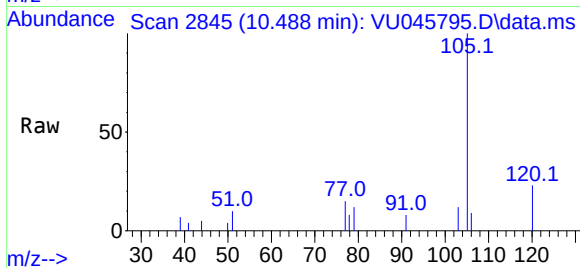
Tgt Ion:173	Resp: 616
Ion Ratio	Lower Upper
173 100	
175 41.7	37.8 56.6
254 0.0	7.3 10.9





#60
Isopropylbenzene
Concen: 0.147 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

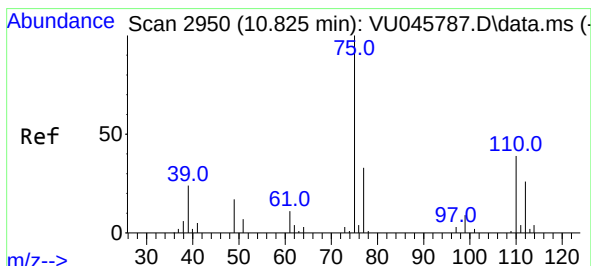
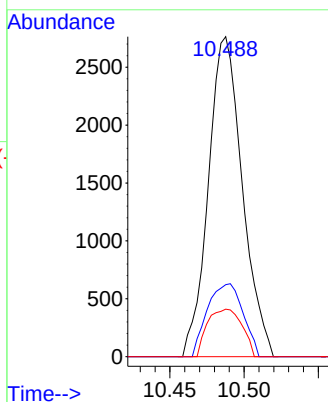
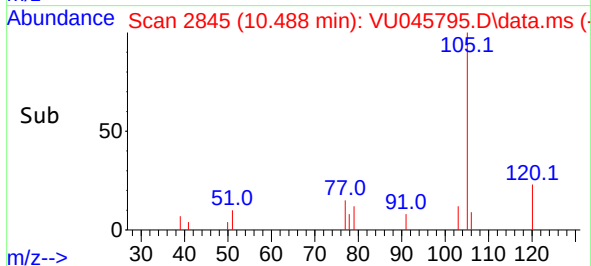
Instrument :
MSVOA_U
ClientSampleId :
MDL04



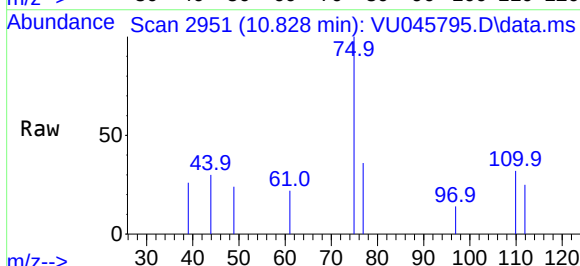
Tgt Ion:105 Resp: 4390
Ion Ratio Lower Upper
105 100
120 23.9 20.7 31.1
77 15.0 12.6 19.0

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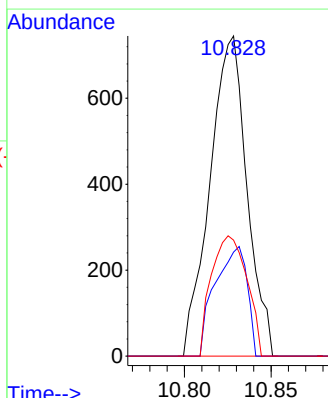
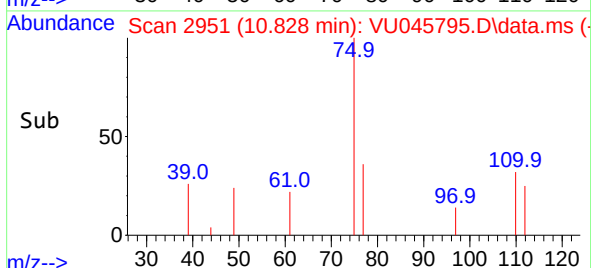
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

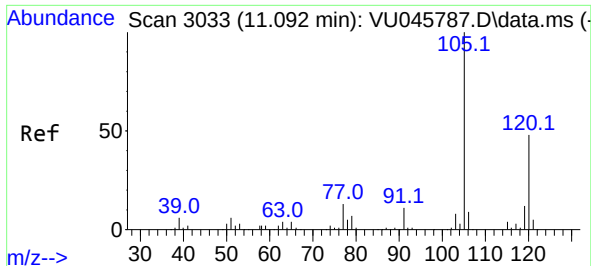


#61
1,2,3-Trichloropropane
Concen: 0.209 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36



Tgt Ion: 75 Resp: 1108
Ion Ratio Lower Upper
75 100
110 29.4 29.9 44.9#
77 35.9 25.5 38.3





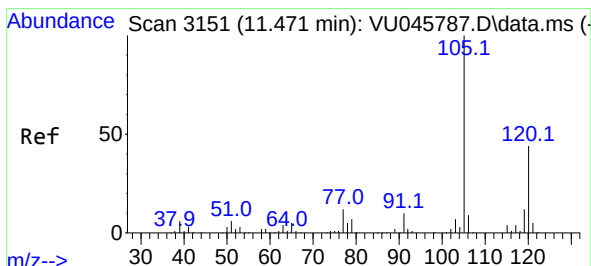
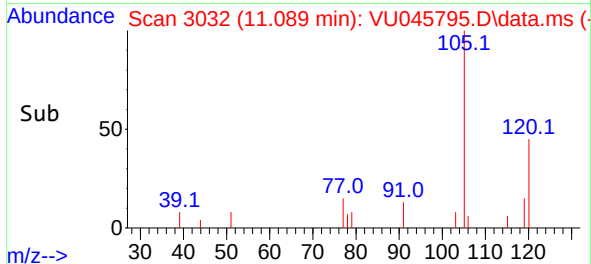
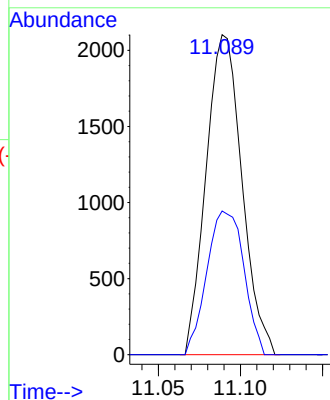
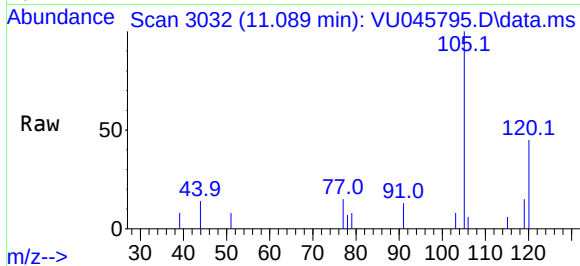
#62
1,3,5-Trimethylbenzene
Concen: 0.130 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:105 Resp: 319
Ion Ratio Lower Upper
105 100
120 46.3 38.3 57.5

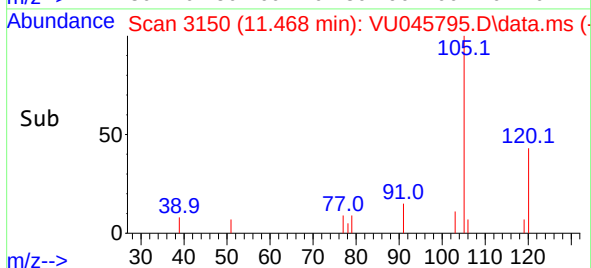
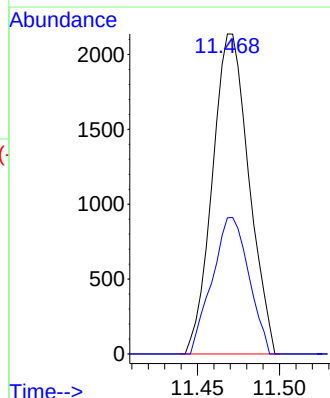
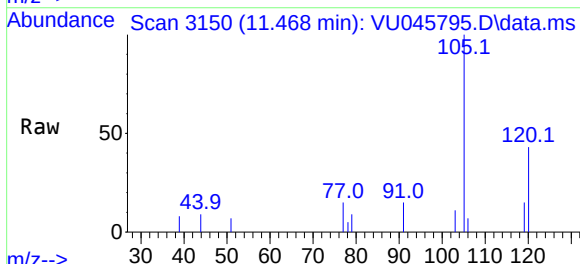
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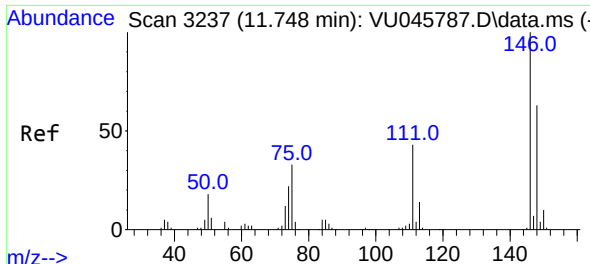
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#63
1,2,4-Trimethylbenzene
Concen: 0.134 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion:105 Resp: 3298
Ion Ratio Lower Upper
105 100
120 42.7 35.8 53.8





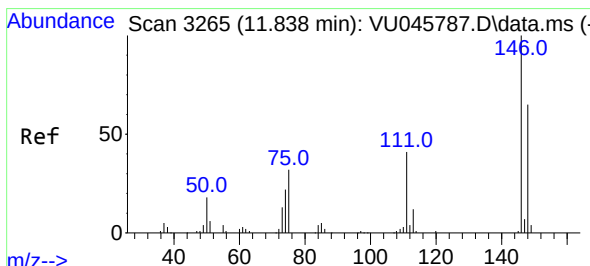
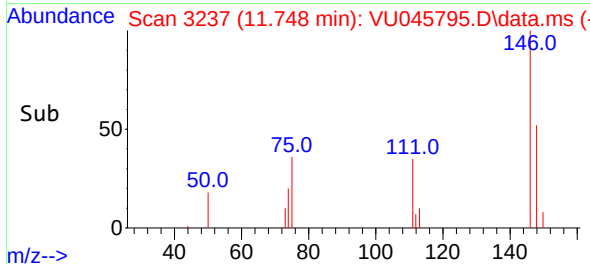
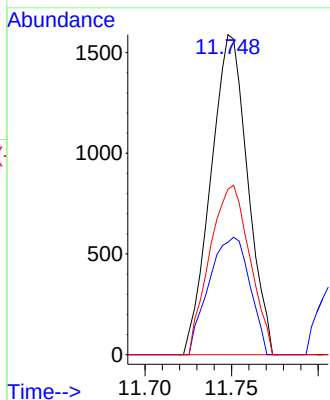
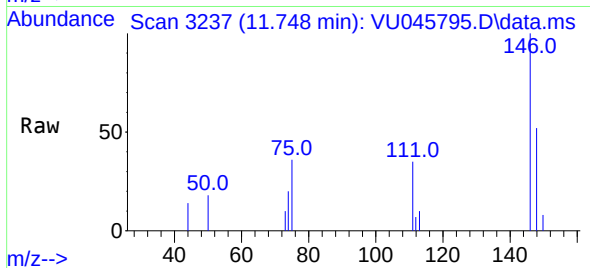
#64
1,3-Dichlorobenzene
Concen: 0.168 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 2349
Ion Ratio Lower Upper
146 100
111 35.1 29.9 55.5
148 51.7 44.3 82.3

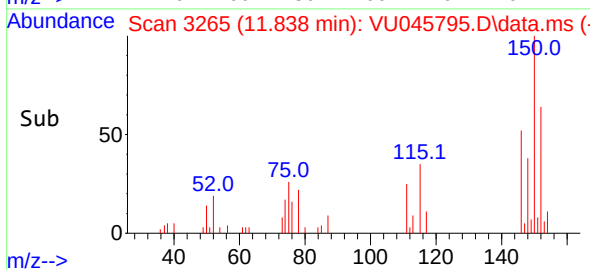
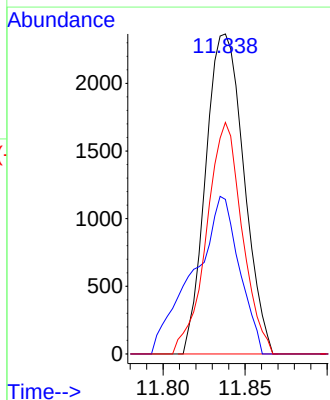
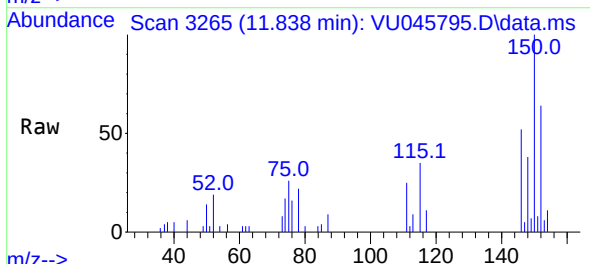
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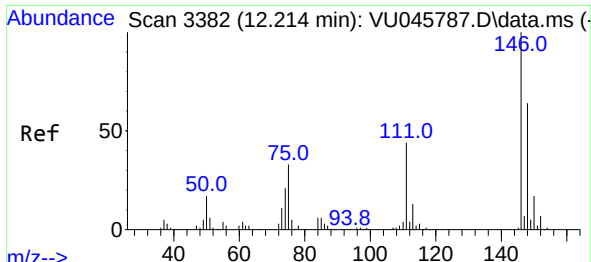
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#65
1,4-Dichlorobenzene
Concen: 0.269 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion:146 Resp: 3820
Ion Ratio Lower Upper
146 100
111 48.3 28.7 53.3
148 72.3 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 0.196 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion:146 Resp: 263

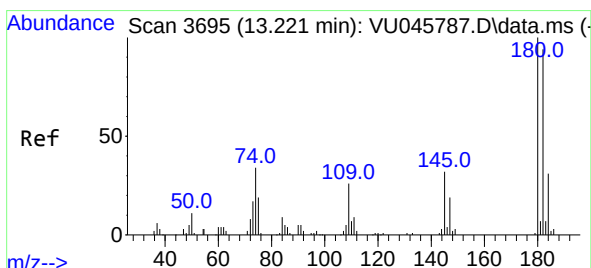
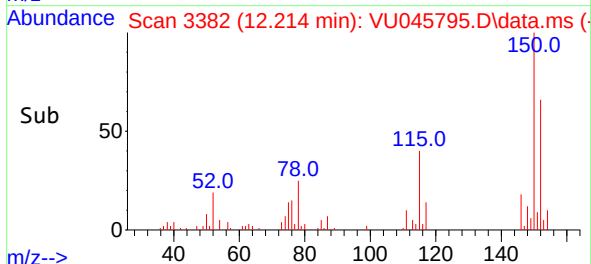
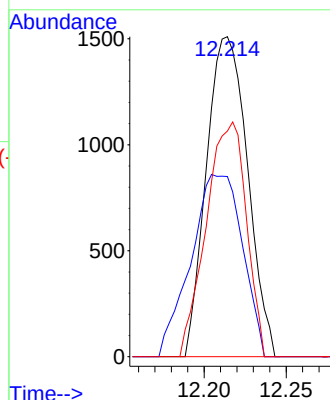
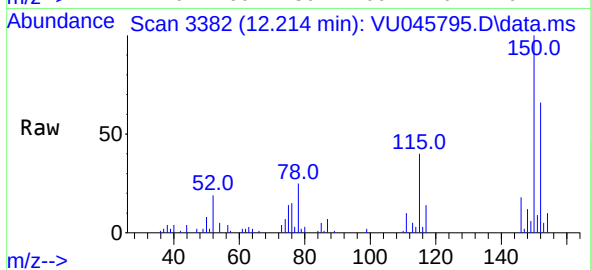
Ion	Ratio	Lower	Upper
146	100		
111	56.3	35.4	53.0
148	70.5	51.1	76.7

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Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/16/2021



#69

1,3,5-Trichlorobenzene

Concen: 0.138 ug/L

RT: 13.221 min Scan# 3695

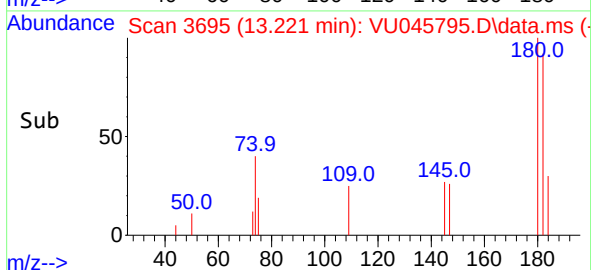
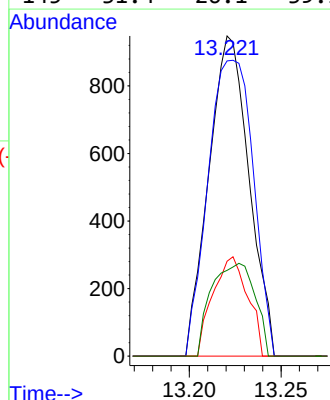
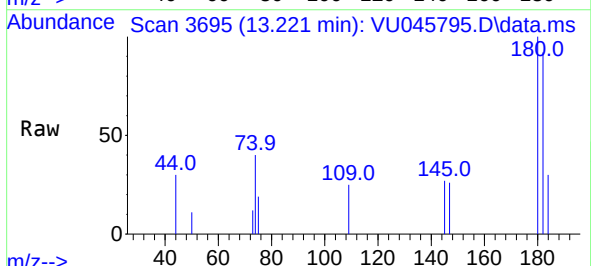
Delta R.T. -0.000 min

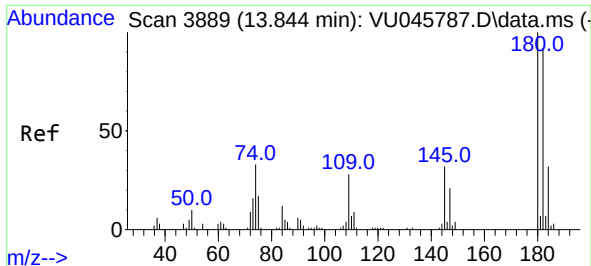
Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Tgt Ion:180 Resp: 1444

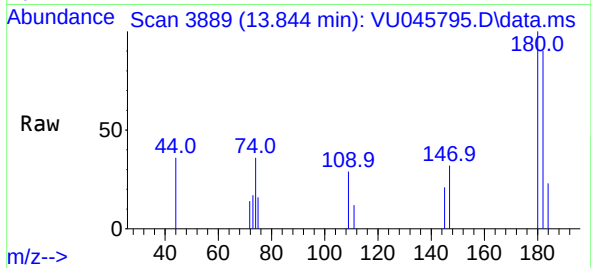
Ion	Ratio	Lower	Upper
180	100		
182	104.0	76.1	114.1
184	26.9	25.0	37.4
145	31.4	26.1	39.1





#70
1,2,4-trichlorobenzene
Concen: 0.146 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

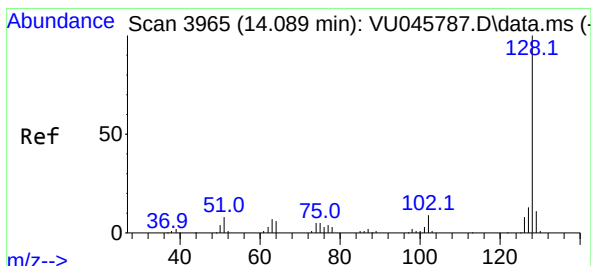
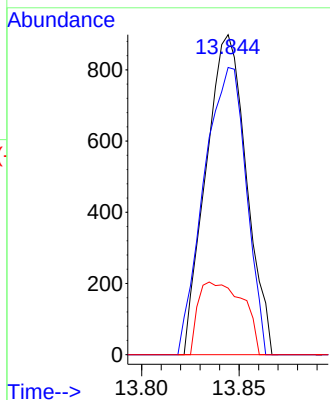
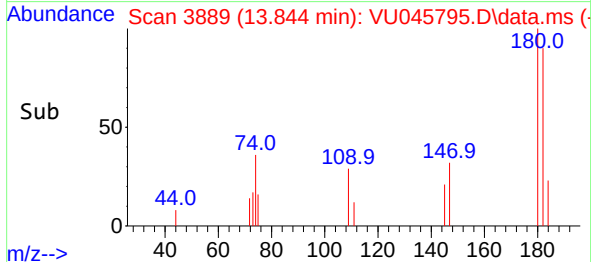
Instrument :
MSVOA_U
ClientSampleId :
MDL04



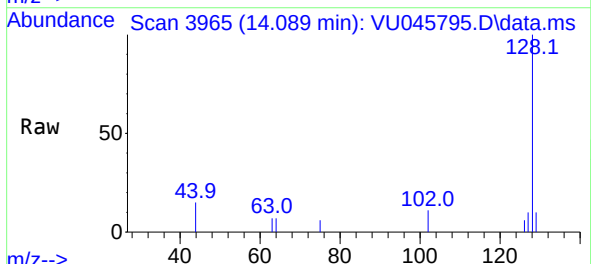
Tgt Ion:180 Resp: 1290
Ion Ratio Lower Upper
180 100
182 93.7 76.4 114.6
145 25.1 25.6 38.4

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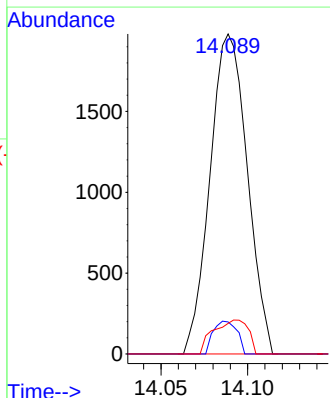
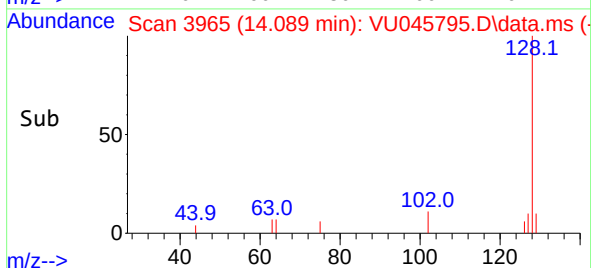
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

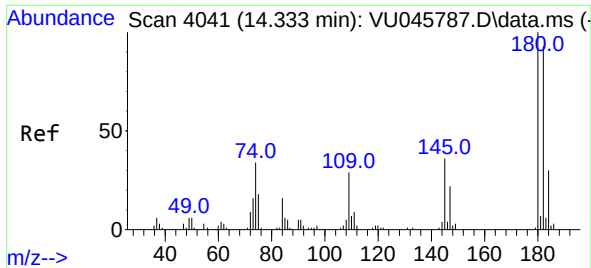


#71
Naphthalene
Concen: 0.163 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36



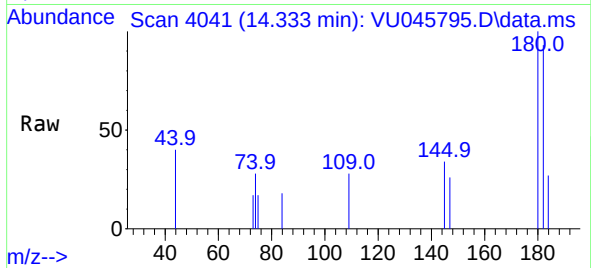
Tgt Ion:128 Resp: 2958
Ion Ratio Lower Upper
128 100
129 6.5 8.4 12.6#
127 9.8 10.2 15.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.148 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. -0.000 min
 Lab File: VU045795.D
 Acq: 15 Nov 2021 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04



Tgt Ion:	180	Resp:	1300
Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.2	114.4
145	30.2	28.4	42.6

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

