

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW113021\
 Data File : VW023748.D
 Acq On : 30 Nov 2021 15:49
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Dec 01 01:31:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 01 01:21:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	135791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47199	4.234	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.568	69	39085	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.108	63	70354	3.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.889	46	83873	62.588	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.180%
24) Chloroform-d	4.346	84	88911	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.027	65	45501	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.047	84	179808	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.066	67	51887	5.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.314	98	164625	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.622	79	19840	4.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.088	63	64808	48.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33434	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	63543	5.625	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2129	0.165	ug/L	97
3) Chloromethane	1.243	50	2454	0.219	ug/L	97
5) Vinyl chloride	1.311	62	1986	0.169	ug/L #	43
6) Bromomethane	1.523	94	1243	0.186	ug/L	99
8) Chloroethane	1.587	64	1435	0.193	ug/L	92
9) Trichlorofluoromethane	1.751	101	3198	0.167	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	2180	0.227	ug/L #	85
12) 1,1-Dichloroethene	2.121	96	2018	0.222	ug/L #	1
13) Acetone	2.195	43	3814m	3.163	ug/L	
14) Carbon disulfide	2.298	76	4930	0.161	ug/L #	93
17) Methyl tert-butyl Ether	2.767	73	2948	0.158	ug/L #	92
18) trans-1,2-Dichloroethene	2.764	96	1824	0.176	ug/L	90
19) 1,1-Dichloroethane	3.188	63	2965	0.170	ug/L	96
21) 2-Butanone	3.986	43	3983m	2.610	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	1767	0.178	ug/L	78
23) Bromochloromethane	4.272	128	759m	0.163	ug/L	
25) Chloroform	4.365	83	7968	0.410	ug/L	89
27) 1,2-Dichloroethane	5.150	62	2138m	0.207	ug/L	
29) 1,1,1-Trichloroethane	4.606	97	2879	0.167	ug/L	96

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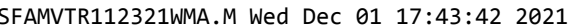
Quant Time: Dec 01 01:31:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
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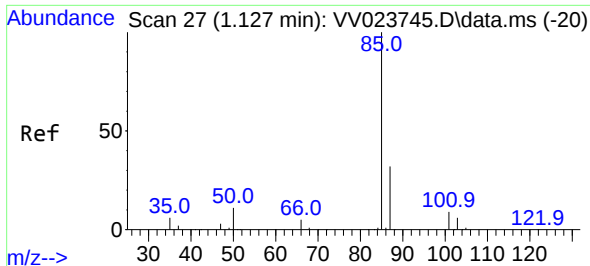
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.677	56	2246	0.156	ug/L #	69
31) Carbon tetrachloride	4.822	117	2759	0.175	ug/L	98
33) Benzene	5.101	78	6370	0.170	ug/L	100
34) Trichloroethene	5.925	95	1807	0.180	ug/L	90
35) Methylcyclohexane	6.121	83	2813m	0.179	ug/L	
37) 1,2-Dichloropropane	6.182	63	1619	0.181	ug/L #	84
38) Bromodichloromethane	6.513	83	2081	0.172	ug/L #	80
39) cis-1,3-Dichloropropene	7.037	75	2124	0.167	ug/L	94
40) 4-Methyl-2-pentanone	7.233	43	6038	1.417	ug/L #	87
42) Toluene	7.391	91	9402	0.231	ug/L	95
44) trans-1,3-Dichloropropene	7.654	75	1991	0.187	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	1199	0.194	ug/L	84
47) Tetrachloroethene	7.973	164	1677	0.183	ug/L	91
48) 2-Hexanone	8.143	43	11576m	3.676	ug/L	
49) Dibromochloromethane	8.249	129	1456	0.172	ug/L	95
50) 1,2-Dibromoethane	8.358	107	861	0.143	ug/L #	76
51) Chlorobenzene	8.883	112	4596	0.170	ug/L	94
52) Ethylbenzene	9.018	91	6533	0.153	ug/L	99
53) m,p-xylene	9.143	106	2719	0.161	ug/L	91
54) o-xylene	9.545	106	2334	0.145	ug/L	93
55) Styrene	9.571	104	3986	0.147	ug/L #	79
57) 1,1,2,2-Tetrachloroethane	10.239	83	1344	0.195	ug/L #	96
59) Bromoform	9.735	173	644	0.153	ug/L #	66
60) Isopropylbenzene	9.931	105	5895	0.155	ug/L	94
61) 1,2,3-Trichloropropane	10.278	75	787	0.174	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.538	105	4842	0.153	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	5291	0.169	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	3321	0.170	ug/L	85
65) 1,4-Dichlorobenzene	11.275	146	3524	0.180	ug/L #	87
67) 1,2-Dichlorobenzene	11.645	146	3243	0.182	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	12.432	75	68	0.076	ug/L #	55
69) 1,3,5-Trichlorobenzene	12.648	180	2640	0.173	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	2007	0.170	ug/L	95
71) Naphthalene	13.513	128	2379	0.150	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.747	180	1698	0.166	ug/L	97

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

Manual Integrations APPROVED

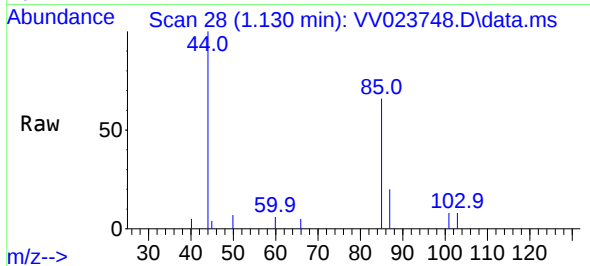
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#2
Dichlorodifluoromethane
Concen: 0.165 ug/L
RT: 1.130 min Scan# 27
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

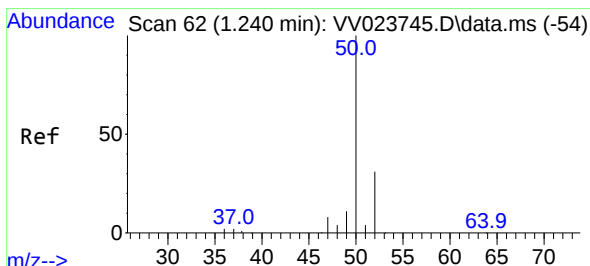
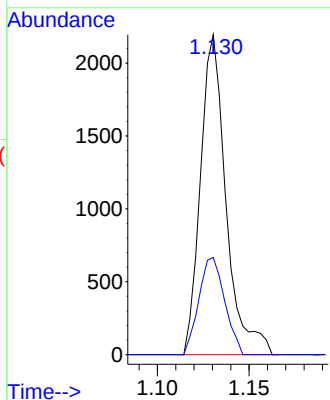
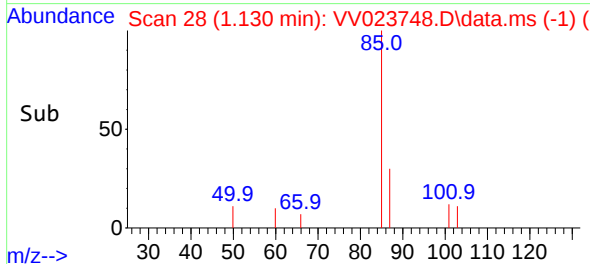
Instrument :
MSVOA_V
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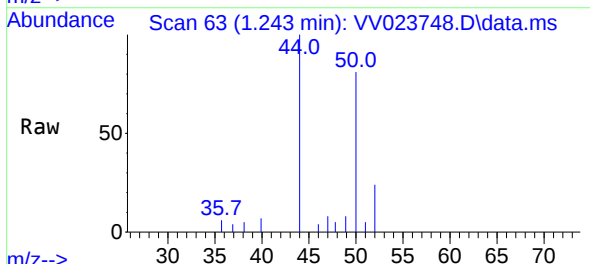
Tgt Ion: 85 Resp: 2129
Ion Ratio Lower Upper
85 100
87 30.6 26.0 39.0

Manual Integrations
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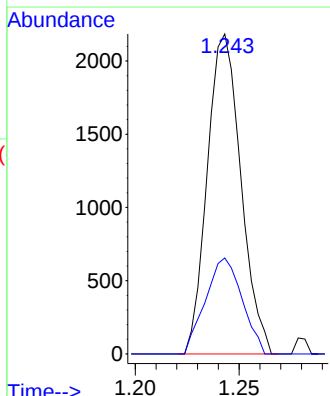
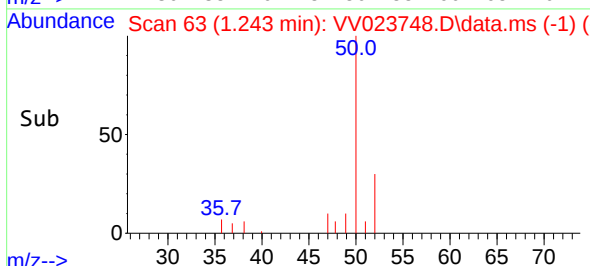
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



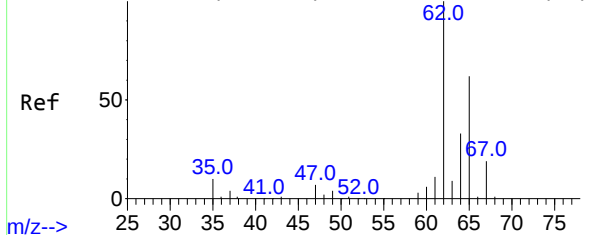
#3
Chloromethane
Concen: 0.219 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49



Tgt Ion: 50 Resp: 2454
Ion Ratio Lower Upper
50 100
52 30.0 22.0 41.0



Abundance Scan 84 (1.310 min): VV023745.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.169 ug/L

RT: 1.311 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 62 Resp: 1980

Ion Ratio Lower Upper

62 100

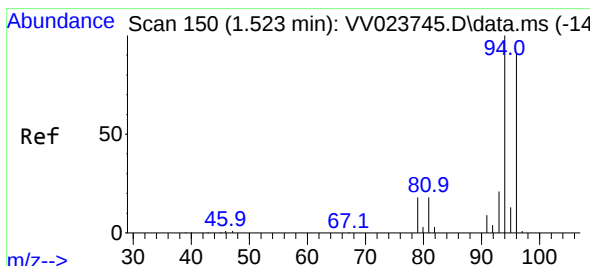
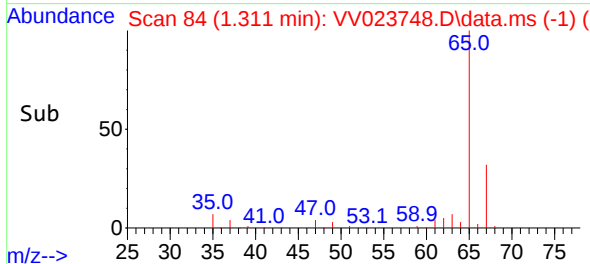
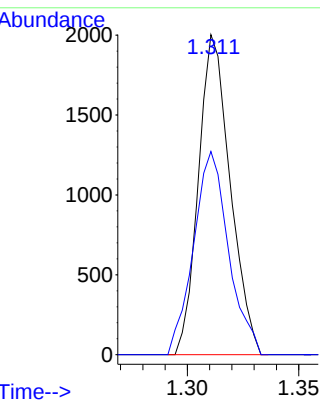
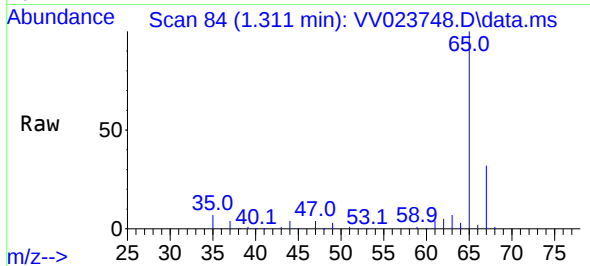
64 63.5 22.4 41.6

Manual Integrations

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#6

Bromomethane

Concen: 0.186 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.000 min

Lab File: VV023748.D

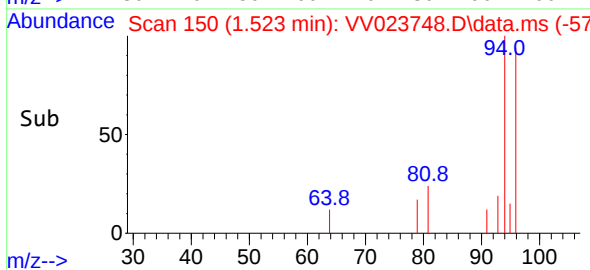
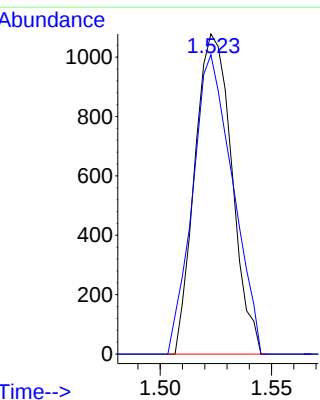
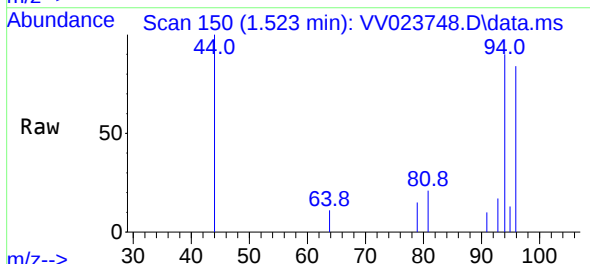
Acq: 30 Nov 2021 15:49

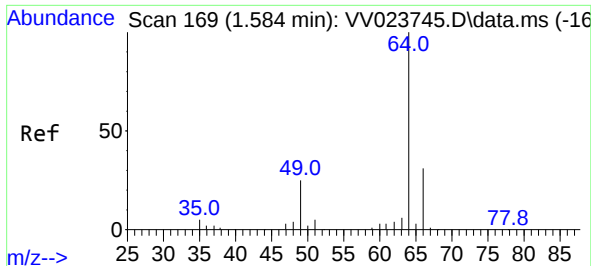
Tgt Ion: 94 Resp: 1243

Ion Ratio Lower Upper

94 100

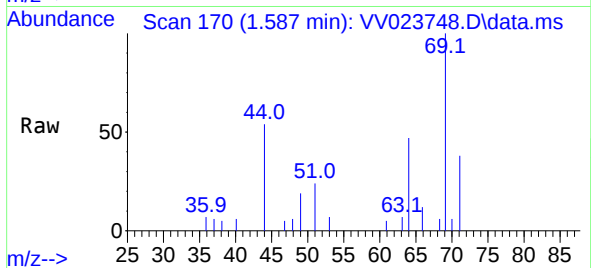
96 93.5 66.2 123.0





#8
Chloroethane
Concen: 0.193 ug/L
RT: 1.587 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

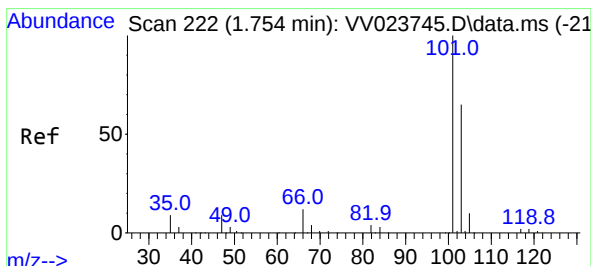
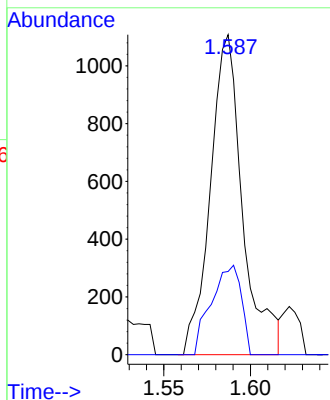
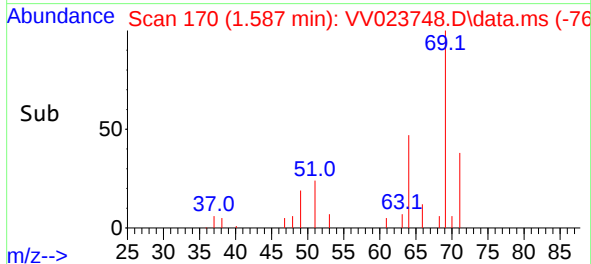
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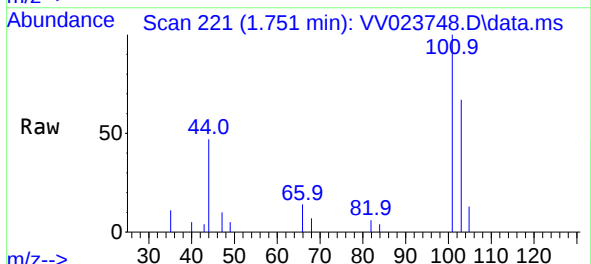
Tgt Ion: 64 Resp: 143
Ion Ratio Lower Upper
64 100
66 26.0 21.4 39.8

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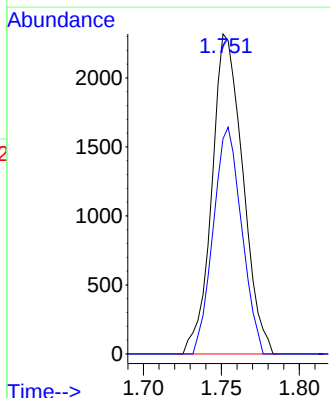
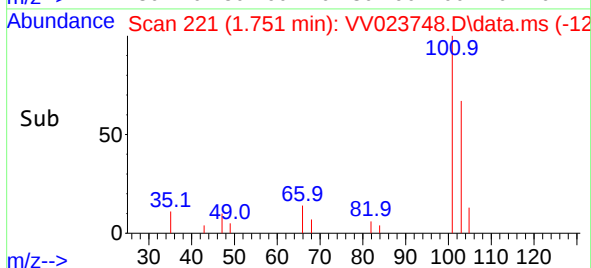
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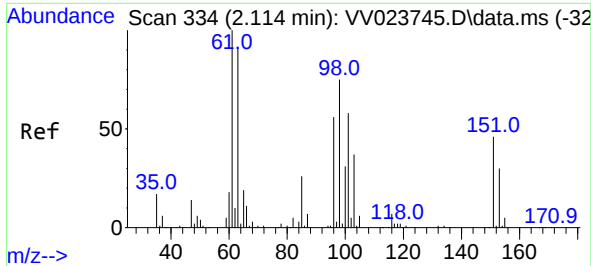


#9
Trichlorofluoromethane
Concen: 0.167 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49



Tgt Ion:101 Resp: 3198
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4





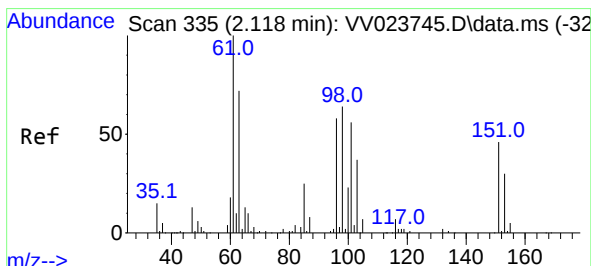
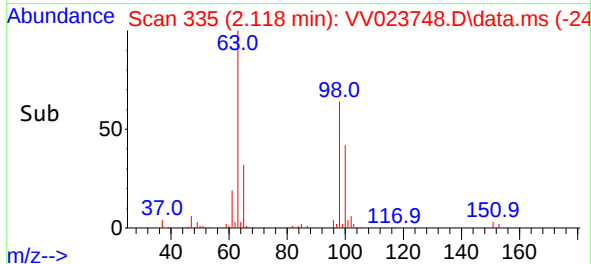
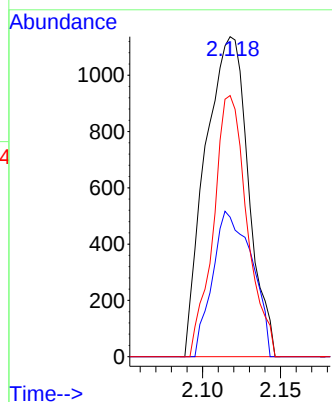
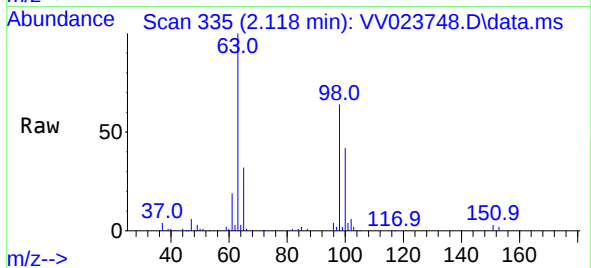
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.227 ug/L
RT: 2.118 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
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Tgt Ion:101 Resp: 2180
Ion Ratio Lower Upper
101 100
85 41.6 36.0 54.0
151 64.1 66.4 99.6

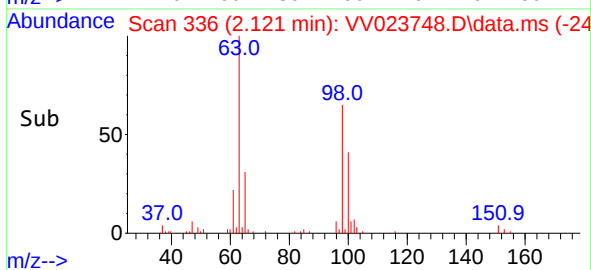
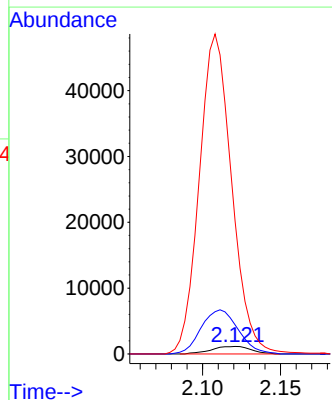
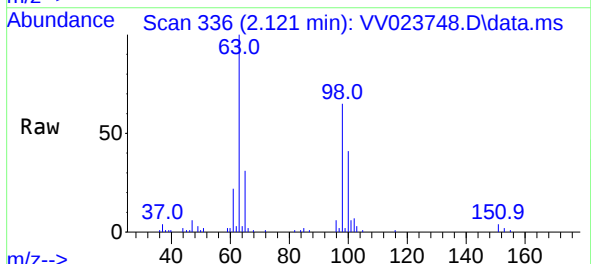
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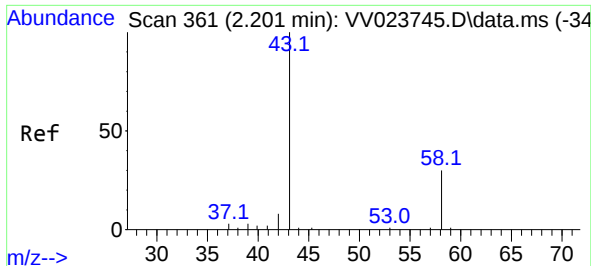
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#12
1,1-Dichloroethene
Concen: 0.222 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

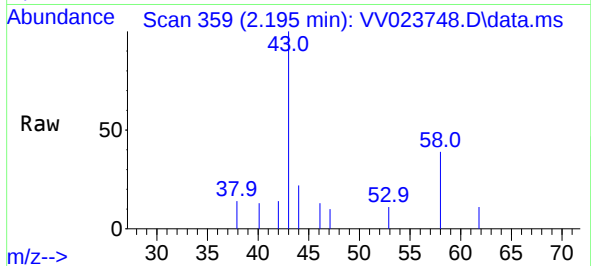
Tgt Ion: 96 Resp: 2018
Ion Ratio Lower Upper
96 100
61 388.2 116.1 215.5#
63 1775.9 79.4 147.4#





#13
Acetone
Concen: 3.163 ug/L m
RT: 2.195 min Scan# 314
Delta R.T. -0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

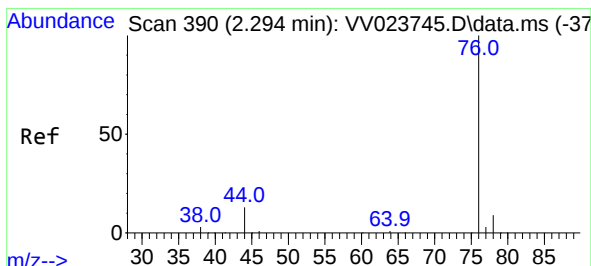
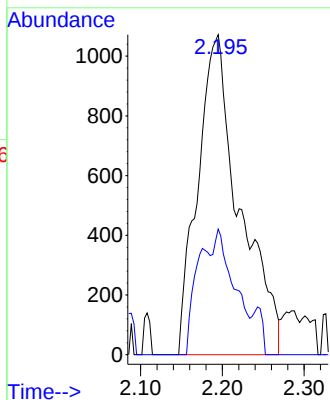
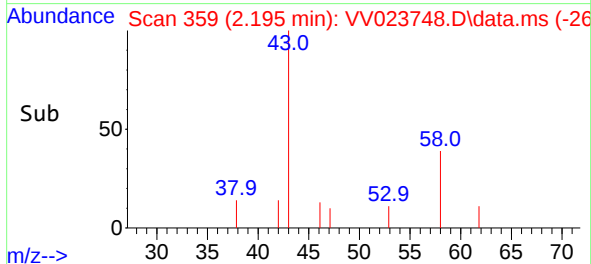
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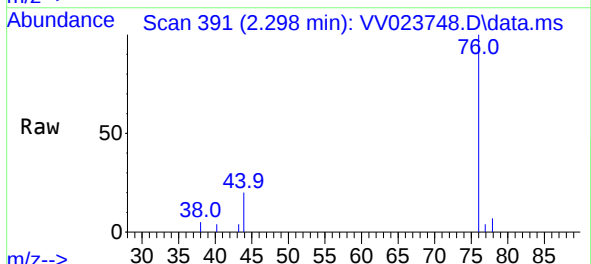
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Ion Ratio Lower Upper
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58 20.1 0.0 41.4

Manual Integrations
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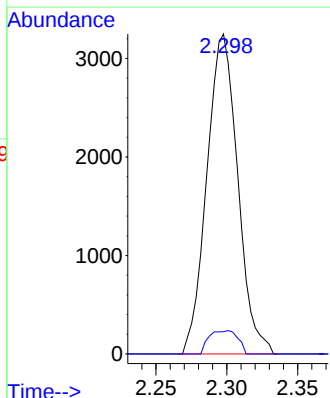
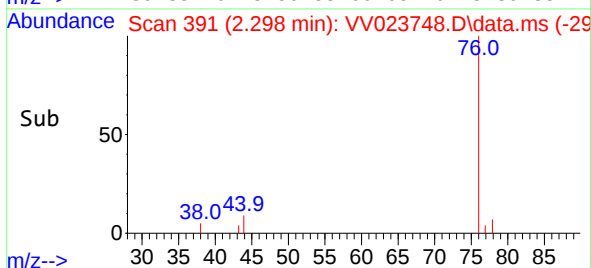
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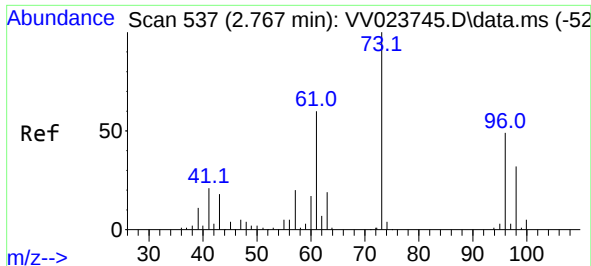


#14
Carbon disulfide
Concen: 0.161 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49



Tgt Ion: 76 Resp: 4930
Ion Ratio Lower Upper
76 100
78 7.0 7.5 11.3#





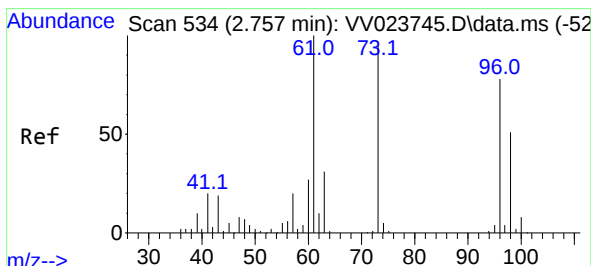
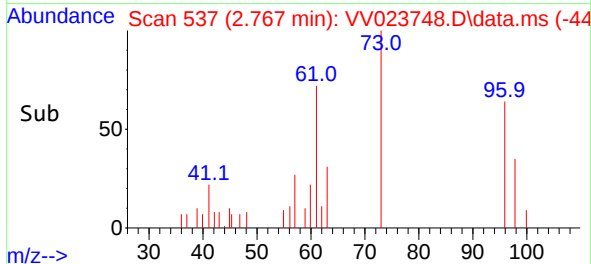
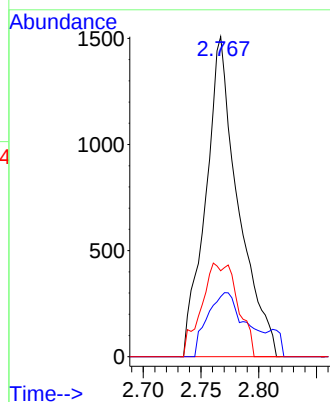
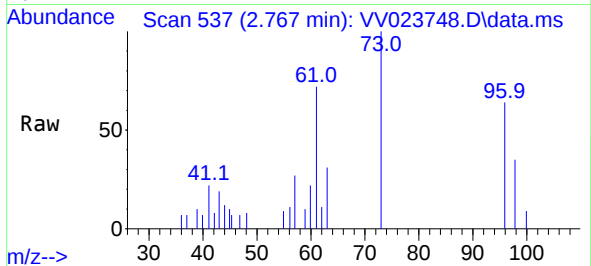
#17
Methyl tert-butyl Ether
Concen: 0.158 ug/L
RT: 2.767 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 73 Resp: 2948
Ion Ratio Lower Upper
73 100
43 23.9 15.5 23.3
57 18.2 17.1 25.7

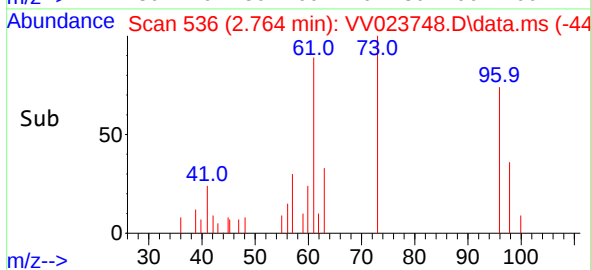
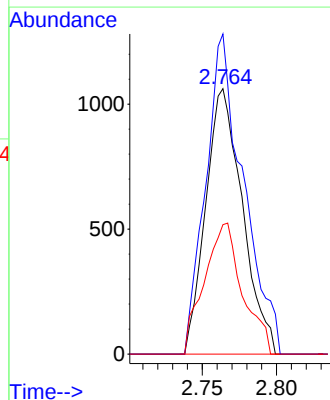
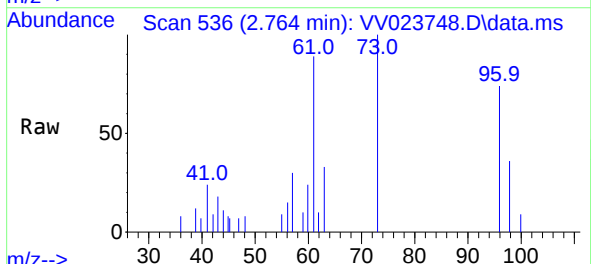
Manual Integrations
APPROVED

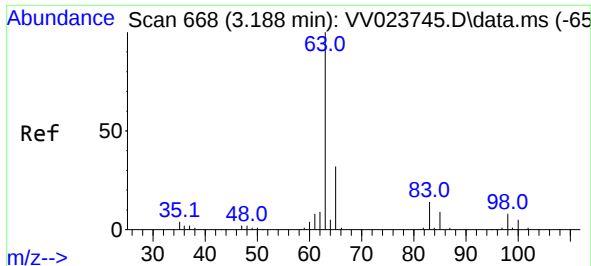
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#18
trans-1,2-Dichloroethene
Concen: 0.176 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion: 96 Resp: 1824
Ion Ratio Lower Upper
96 100
61 120.6 88.2 163.8
98 48.8 44.9 83.5





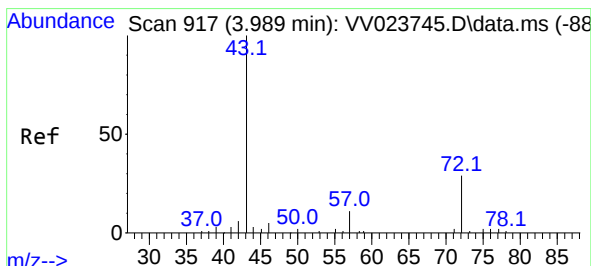
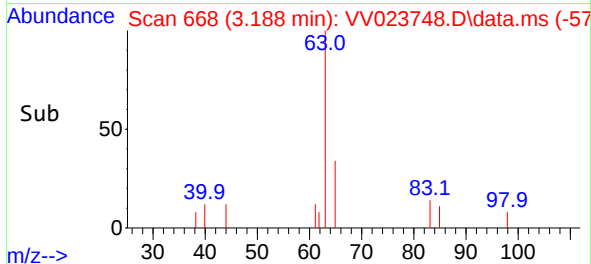
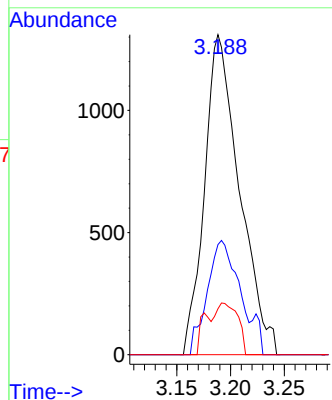
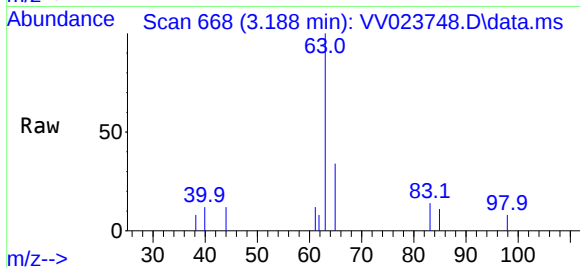
#19
1,1-Dichloroethane
Concen: 0.170 ug/L
RT: 3.188 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 63 Resp: 296
Ion Ratio Lower Upper
63 100
65 34.4 22.3 41.3
83 14.4 10.7 19.9

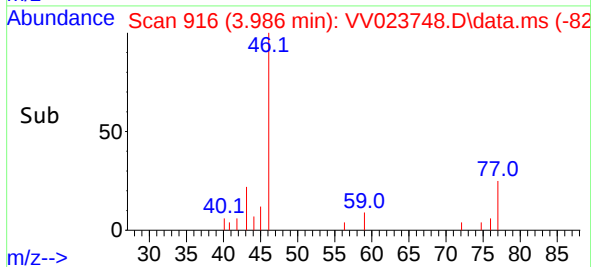
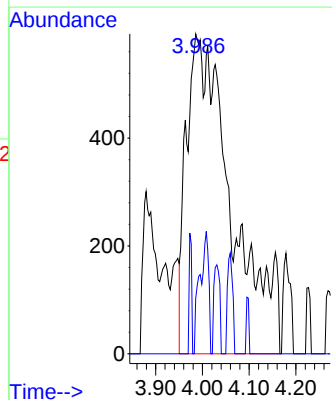
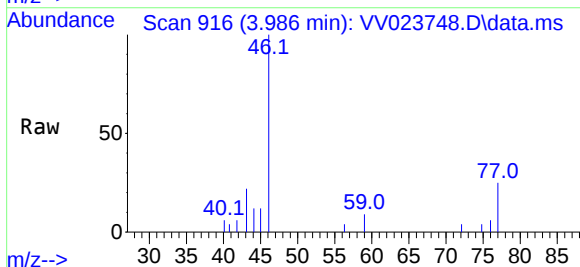
Manual Integrations
APPROVED

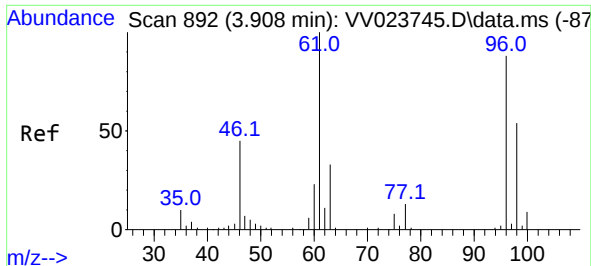
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#21
2-Butanone
Concen: 2.610 ug/L m
RT: 3.986 min Scan# 916
Delta R.T. -0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

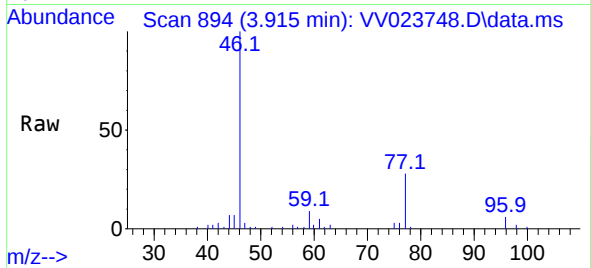
Tgt Ion: 43 Resp: 3983
Ion Ratio Lower Upper
43 100
72 2.1 11.1 33.1#





#22
cis-1,2-Dichloroethene
Concen: 0.178 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

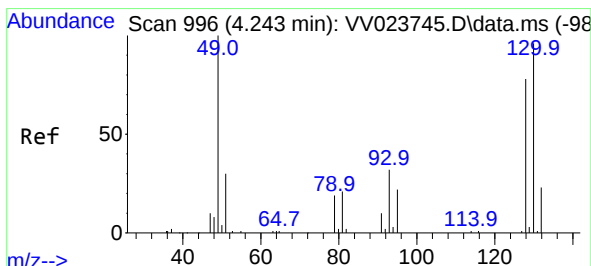
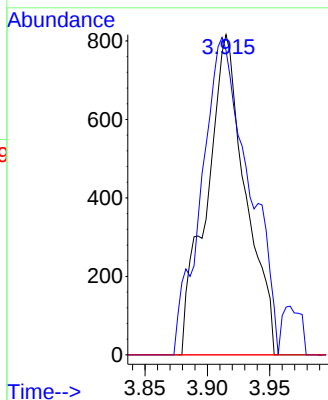
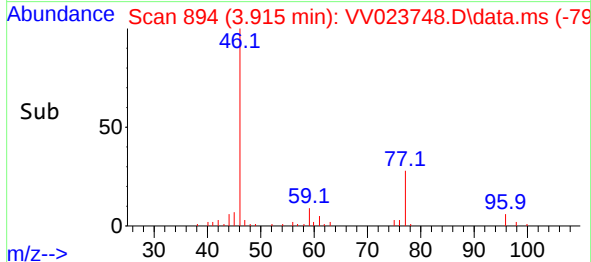
Instrument :
MSVOA_V
ClientSampleId :
MDL01



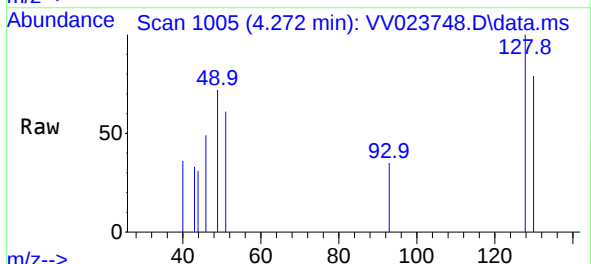
Tgt Ion: 96 Resp: 176
Ion Ratio Lower Upper
96 100
61 95.1 83.4 154.8
68 0.0 0.0 0.0

Manual Integrations
APPROVED

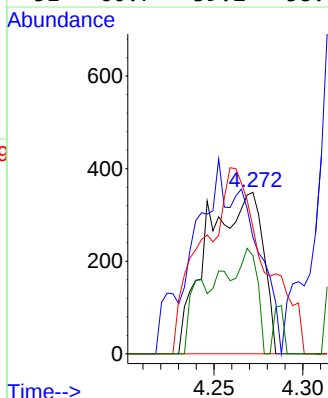
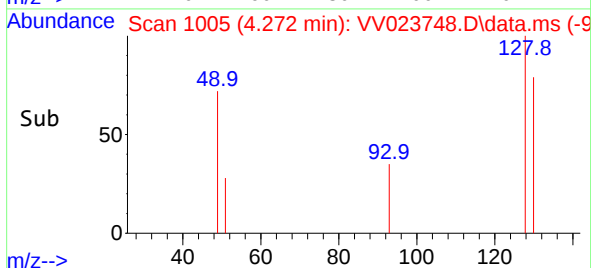
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

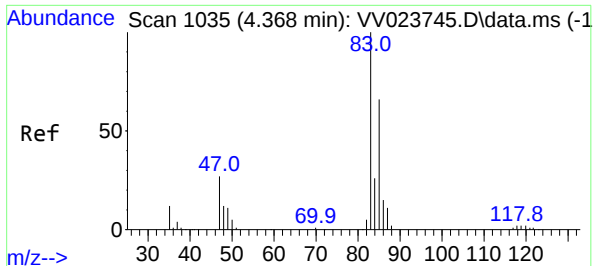


#23
Bromochloromethane
Concen: 0.163 ug/L m
RT: 4.272 min Scan# 1005
Delta R.T. 0.029 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49



Tgt Ion:128 Resp: 759
Ion Ratio Lower Upper
128 100
49 72.2 100.2 186.2#
130 78.5 92.5 171.7#
51 60.7 39.2 58.8#





#25

Chloroform

Concen: 0.410 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 83 Resp: 796

Ion Ratio Lower Upper

83 100

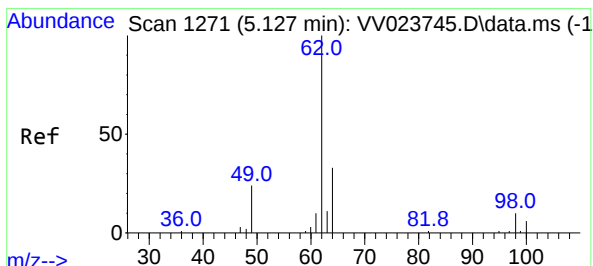
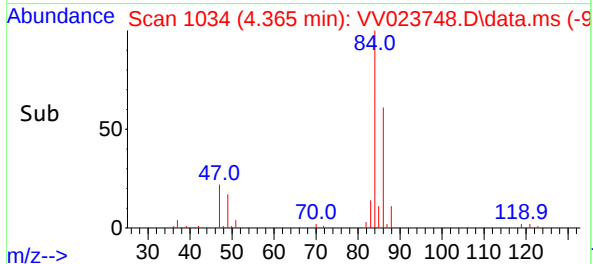
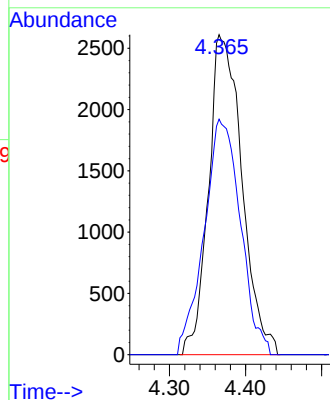
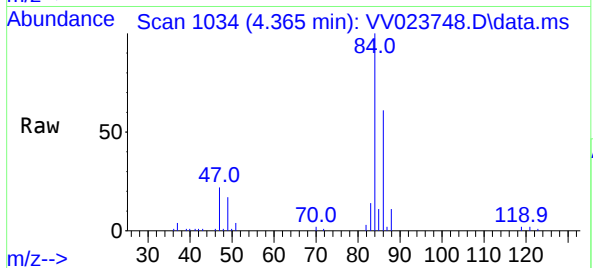
85 73.6 45.2 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#27

1,2-Dichloroethane

Concen: 0.207 ug/L m

RT: 5.150 min Scan# 1278

Delta R.T. 0.023 min

Lab File: VV023748.D

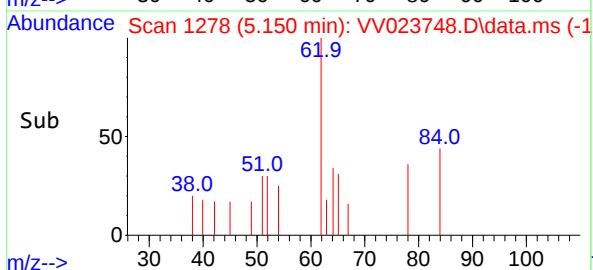
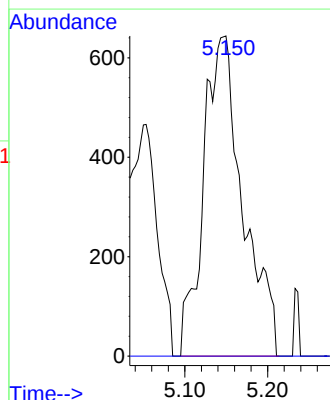
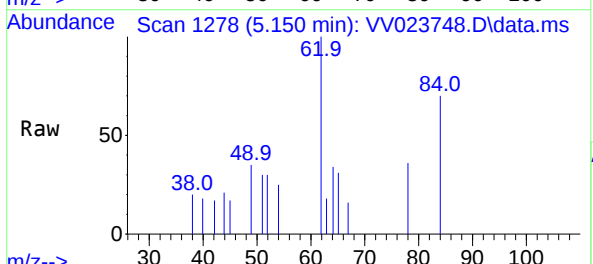
Acq: 30 Nov 2021 15:49

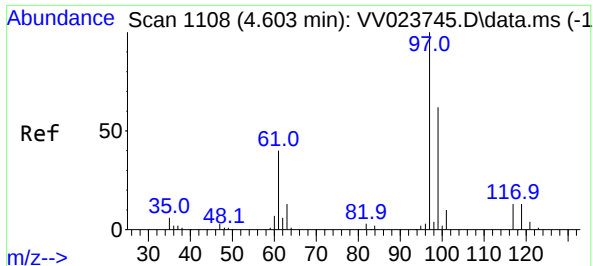
Tgt Ion: 62 Resp: 2138

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





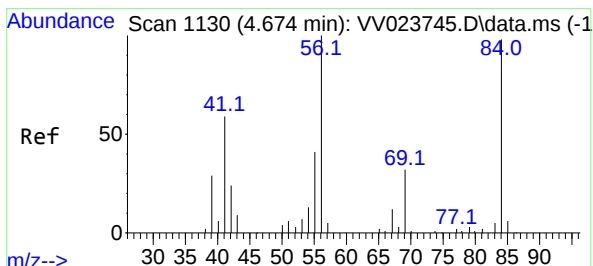
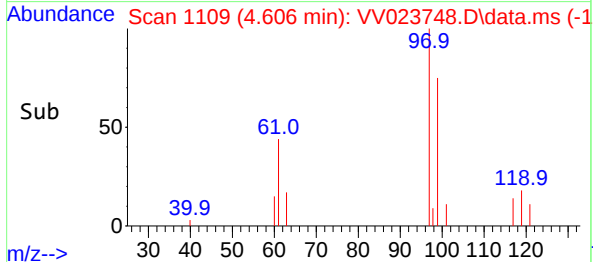
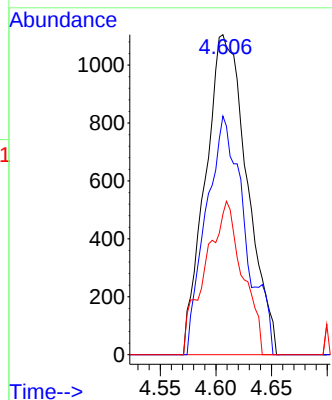
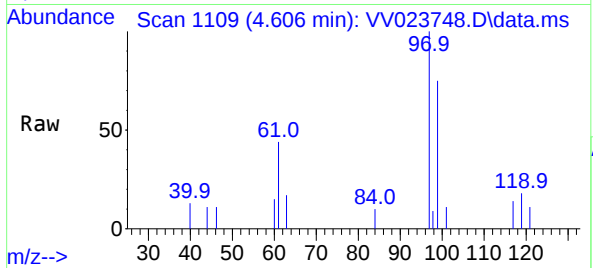
#29
1,1,1-Trichloroethane
Concen: 0.167 ug/L
RT: 4.606 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 97 Resp: 2879
Ion Ratio Lower Upper
97 100
99 69.3 51.9 77.9
61 42.8 33.2 49.8

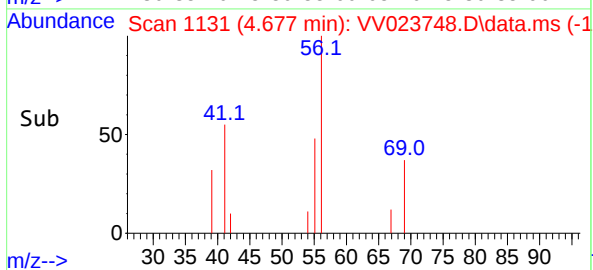
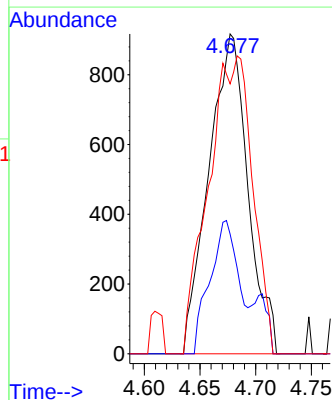
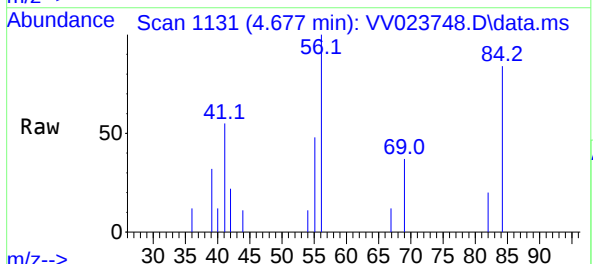
Manual Integrations
APPROVED

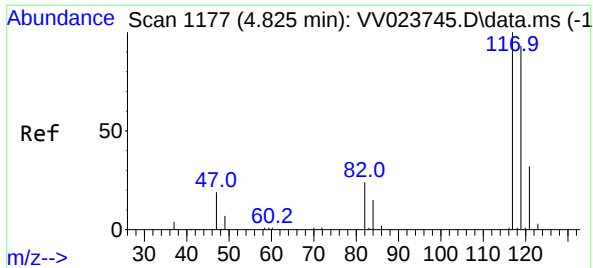
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#30
Cyclohexane
Concen: 0.156 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion: 56 Resp: 2246
Ion Ratio Lower Upper
56 100
69 30.5 24.8 37.2
84 55.7 75.9 113.9#





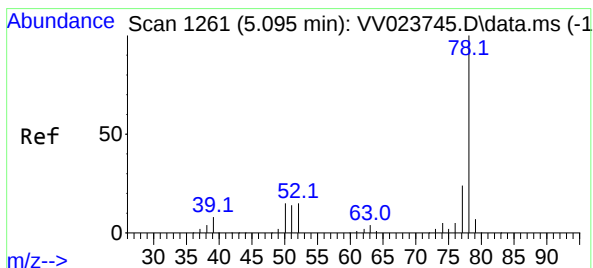
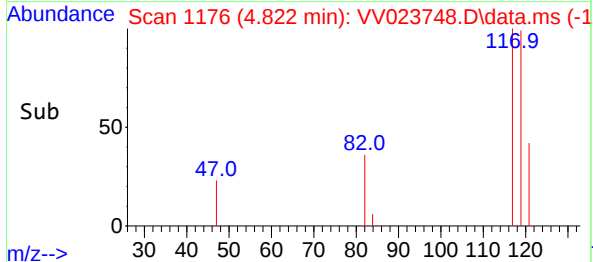
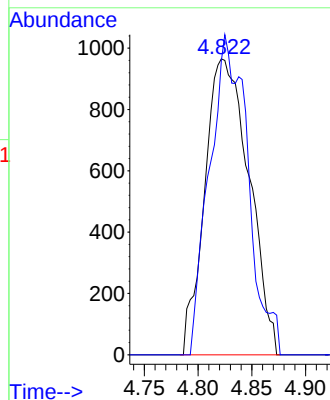
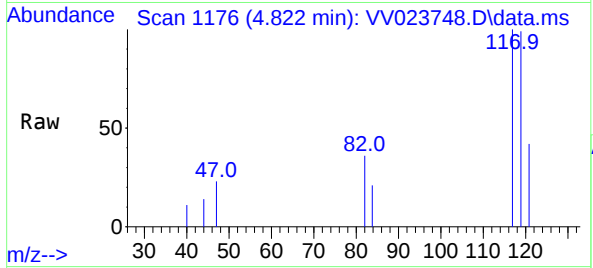
#31
Carbon tetrachloride
Concen: 0.175 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument : MSVOA_V
ClientSampleId : MDL01

Tgt Ion: 117 Resp: 275
Ion Ratio Lower Upper
117 100
119 93.7 76.6 114.8

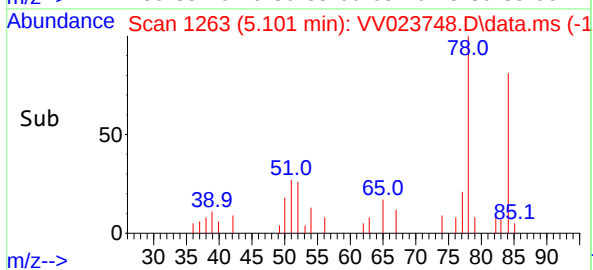
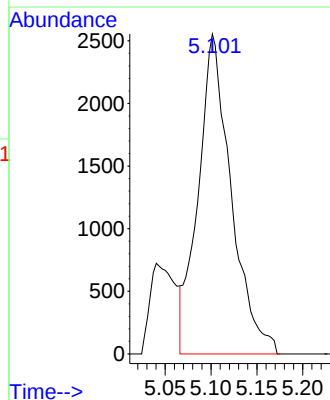
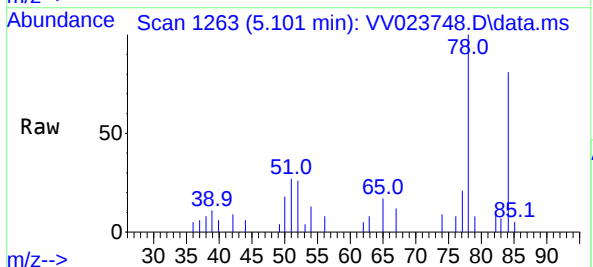
Manual Integrations
APPROVED

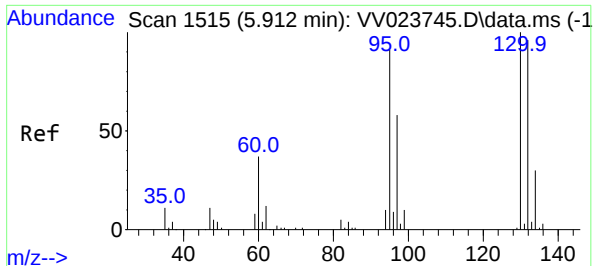
Reviewed By : John Carlone 12/01/2021
Supervised By : Mahesh Dadoda 12/01/2021



#33
Benzene
Concen: 0.170 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

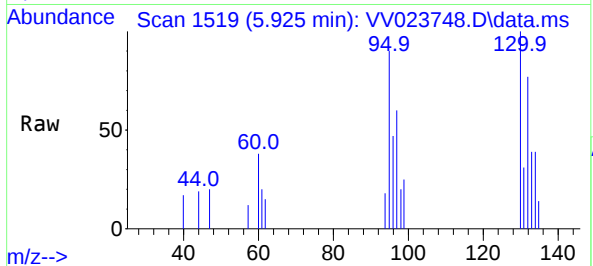
Tgt Ion: 78 Resp: 6370





#34
Trichloroethene
Concen: 0.180 ug/L
RT: 5.925 min Scan# 1515
Delta R.T. 0.013 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

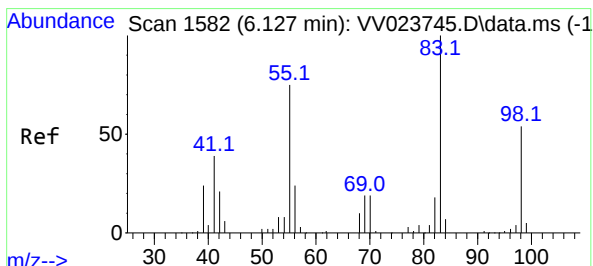
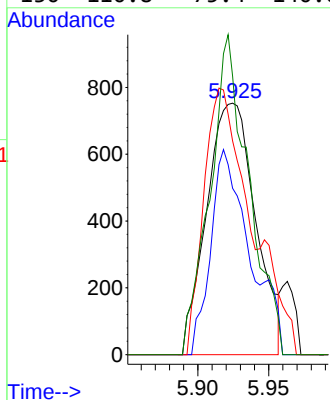
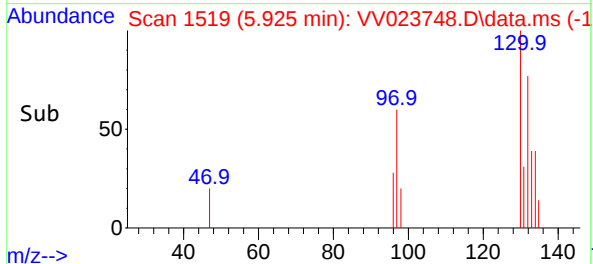
Instrument :
MSVOA_V
ClientSampleId :
MDL01



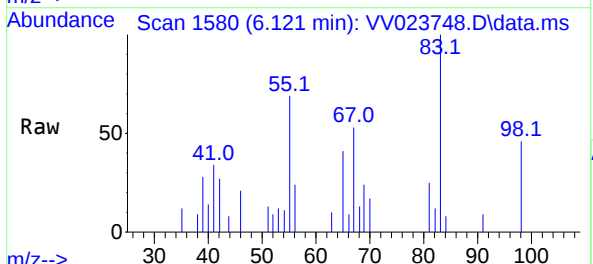
Tgt Ion: 95 Resp: 180
Ion Ratio Lower Upper
95 100
97 66.1 45.2 84.0
132 85.0 76.1 141.3
130 110.8 75.4 140.0

Manual Integrations
APPROVED

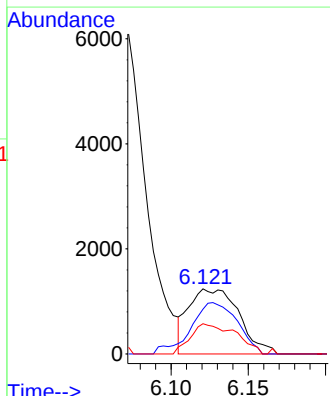
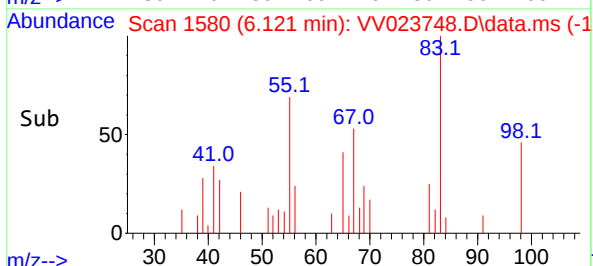
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

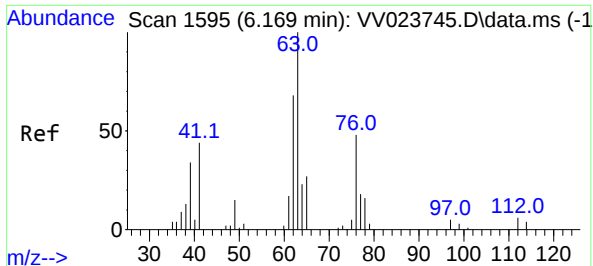


#35
Methylcyclohexane
Concen: 0.179 ug/L m
RT: 6.121 min Scan# 1580
Delta R.T. -0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49



Tgt Ion: 83 Resp: 2813
Ion Ratio Lower Upper
83 100
55 72.8 60.2 90.2
98 41.9 41.0 61.4





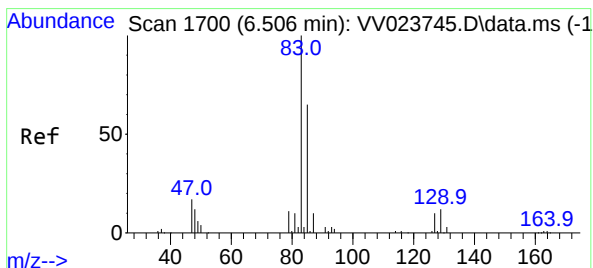
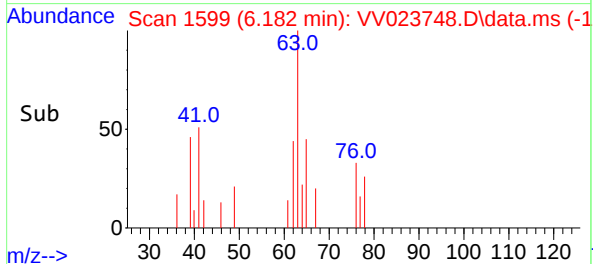
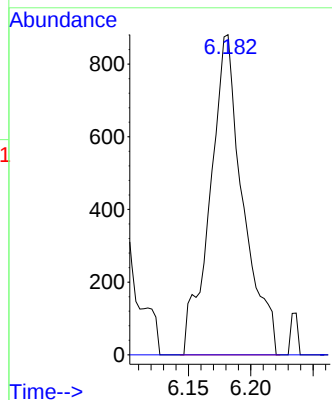
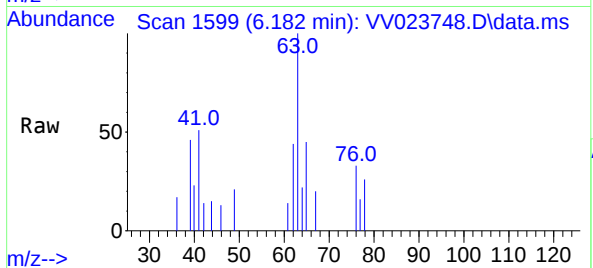
#37
1,2-Dichloropropane
Concen: 0.181 ug/L
RT: 6.182 min Scan# 1595
Delta R.T. 0.013 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 63 Resp: 1619
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5

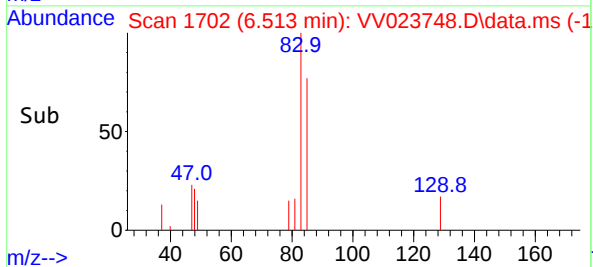
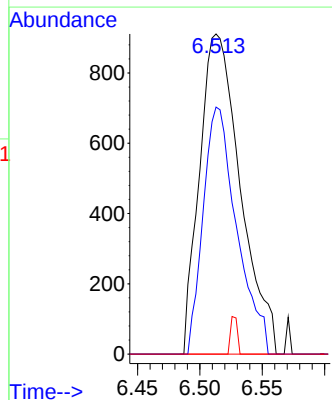
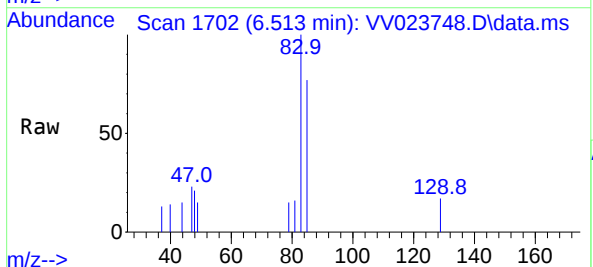
Manual Integrations
APPROVED

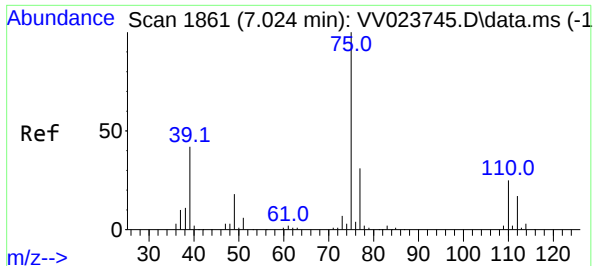
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#38
Bromodichloromethane
Concen: 0.172 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion: 83 Resp: 2081
Ion Ratio Lower Upper
83 100
85 77.2 44.0 81.8
127 0.0 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 0.167 ug/L

RT: 7.037 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 75 Resp: 2124

Ion Ratio Lower Upper

75 100

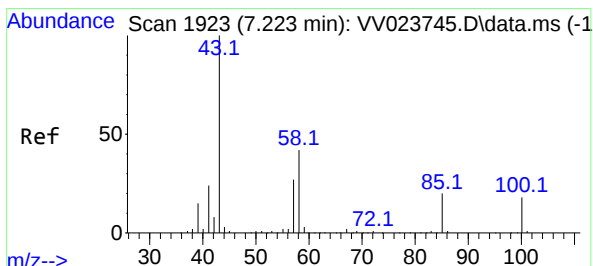
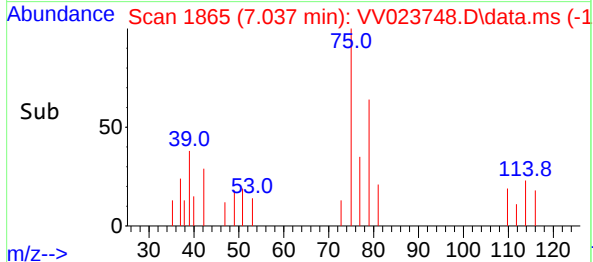
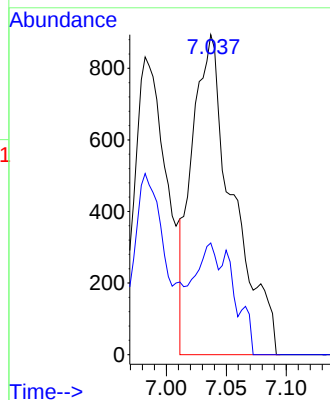
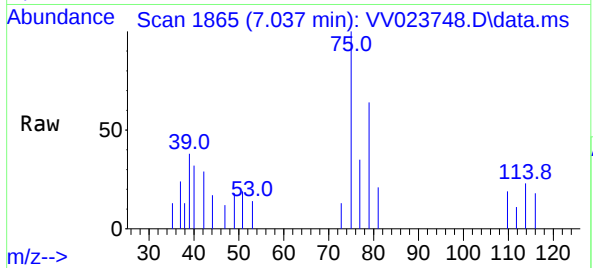
77 34.9 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#40

4-Methyl-2-pentanone

Concen: 1.417 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.010 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

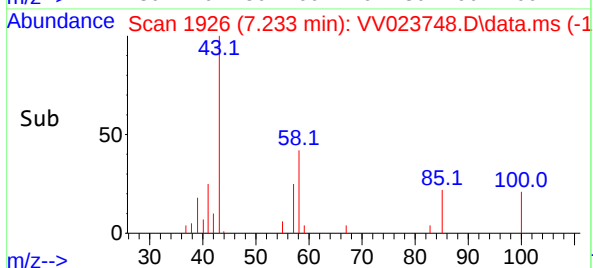
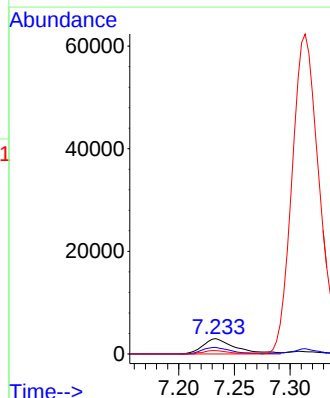
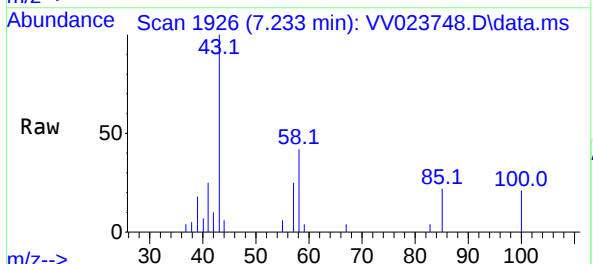
Tgt Ion: 43 Resp: 6038

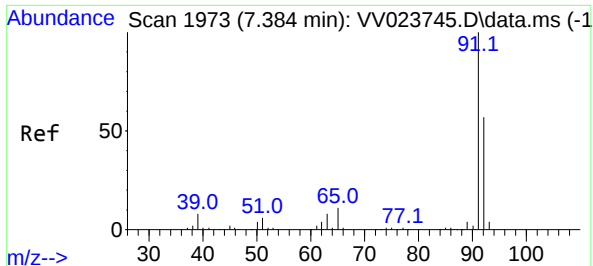
Ion Ratio Lower Upper

43 100

58 39.0 32.3 48.5

100 0.0 13.0 19.6#





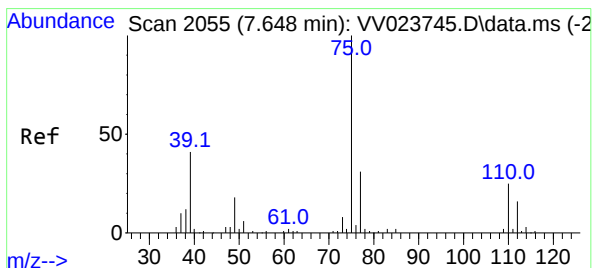
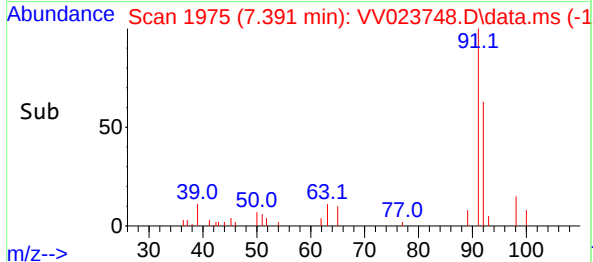
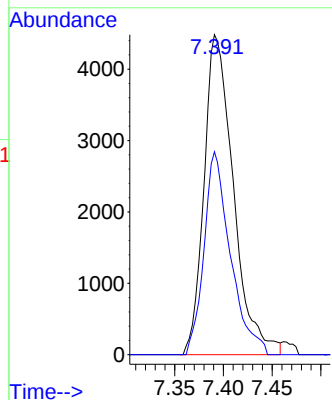
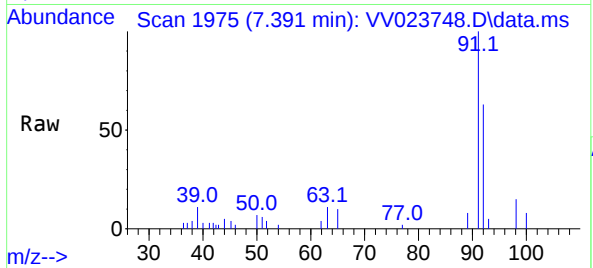
#42
Toluene
Concen: 0.231 ug/L
RT: 7.391 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 940
Ion Ratio Lower Upper
91 100
92 63.4 41.5 77.1

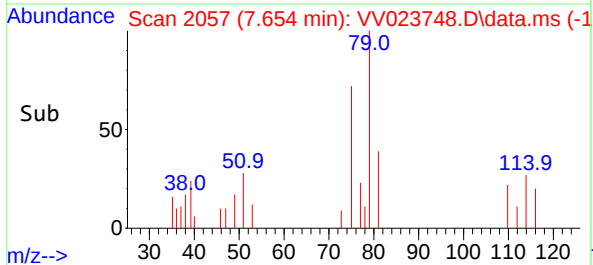
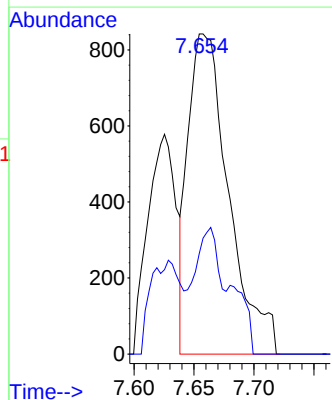
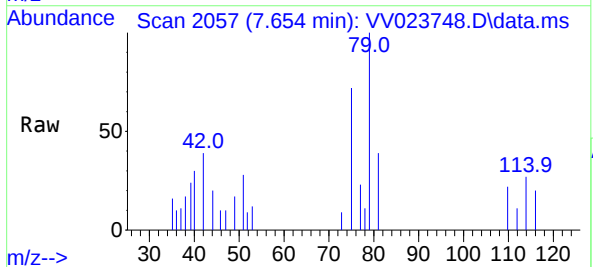
Manual Integrations
APPROVED

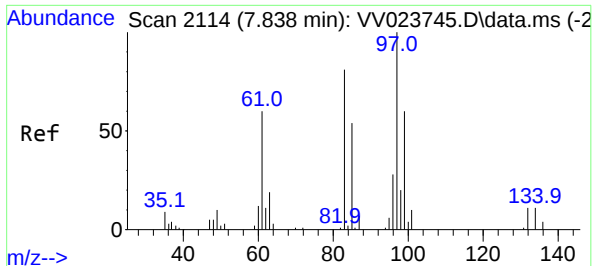
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#44
trans-1,3-Dichloropropene
Concen: 0.187 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion: 75 Resp: 1991
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 0.194 ug/L

RT: 7.844 min Scan# 2114

Delta R.T. 0.006 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 97 Resp: 1199

Ion Ratio Lower Upper

97 100

99 47.2 43.1 80.1

83 69.2 57.9 107.5

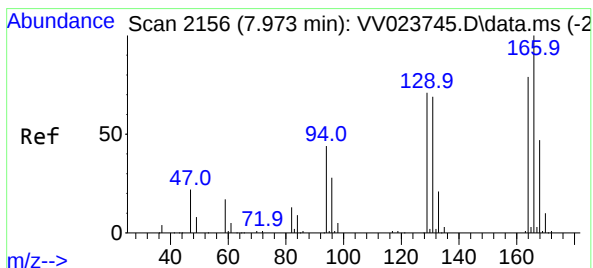
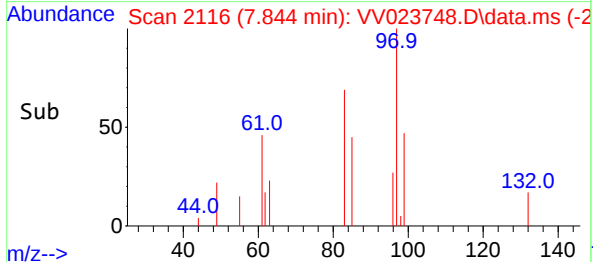
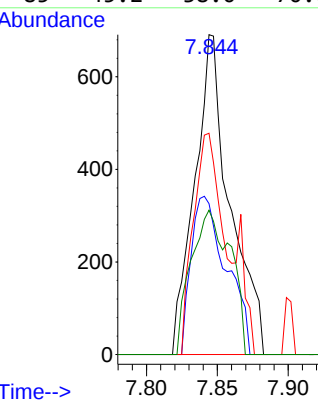
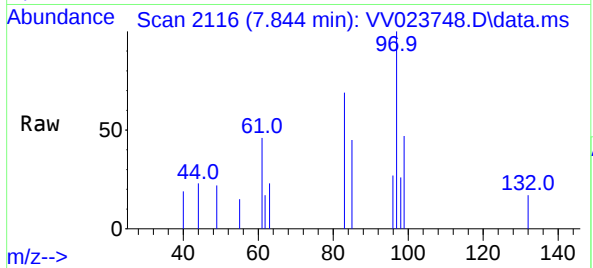
85 45.2 38.0 70.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#47

Tetrachloroethene

Concen: 0.183 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Tgt Ion:164 Resp: 1677

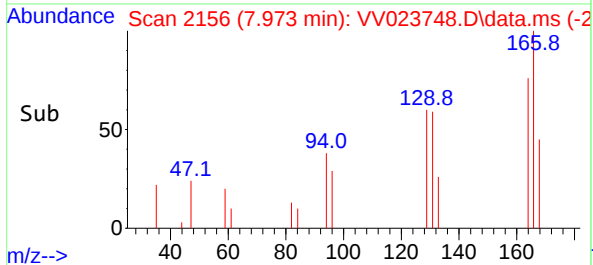
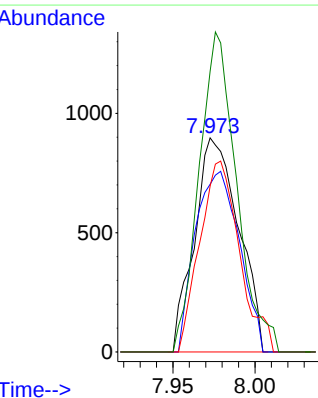
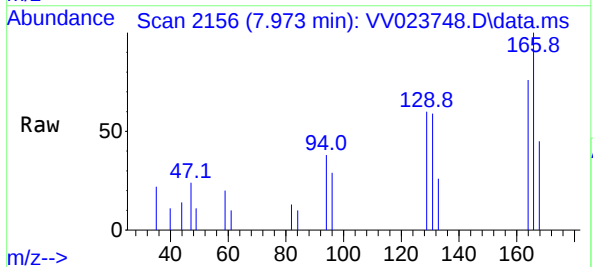
Ion Ratio Lower Upper

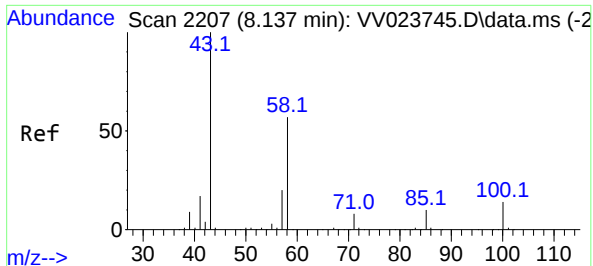
164 100

129 78.4 62.6 116.2

131 77.5 61.0 113.4

166 131.1 87.3 162.1





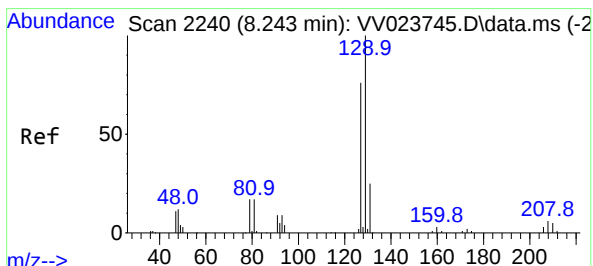
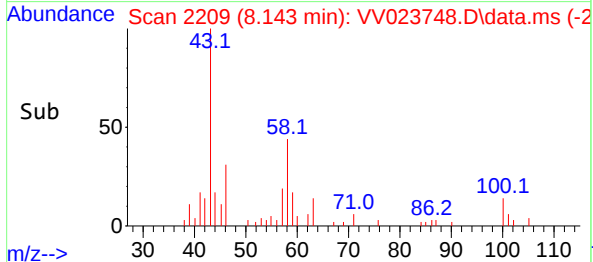
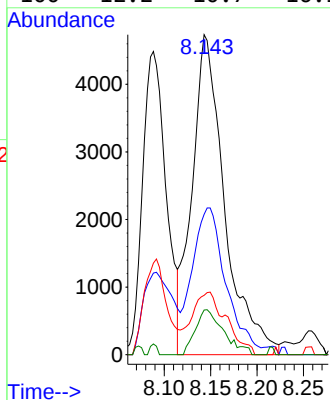
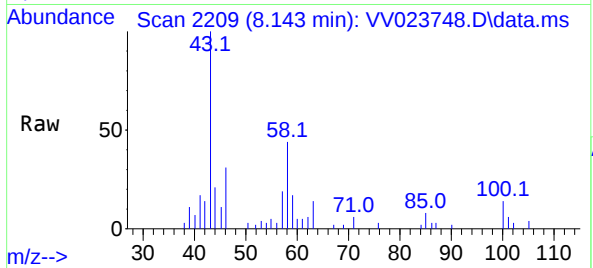
#48
2-Hexanone
Concen: 3.676 ug/L m
RT: 8.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 43 Resp: 11570
Ion Ratio Lower Upper
43 100
58 47.4 44.5 66.7
57 20.8 15.1 22.7
100 12.2 10.7 16.1

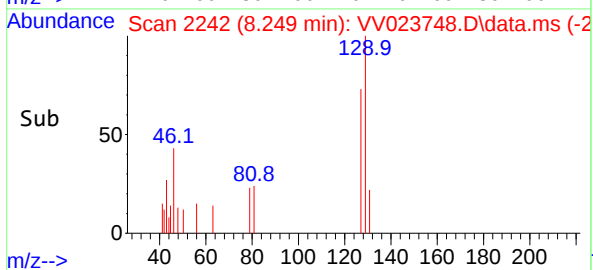
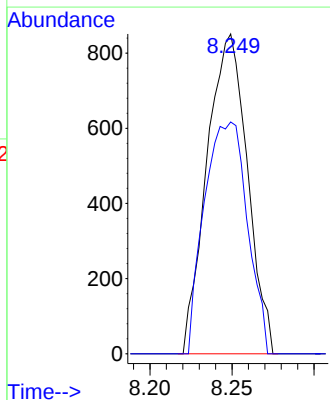
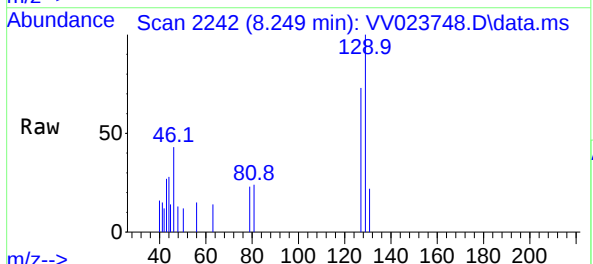
Manual Integrations
APPROVED

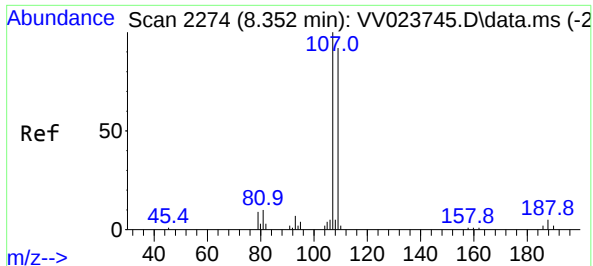
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#49
Dibromochloromethane
Concen: 0.172 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion:129 Resp: 1456
Ion Ratio Lower Upper
129 100
127 72.5 53.5 99.3





#50
1,2-Dibromoethane
Concen: 0.143 ug/L
RT: 8.358 min Scan# 2107
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

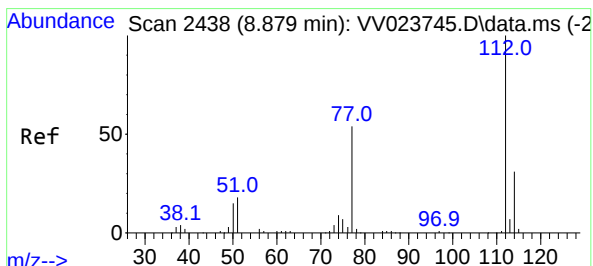
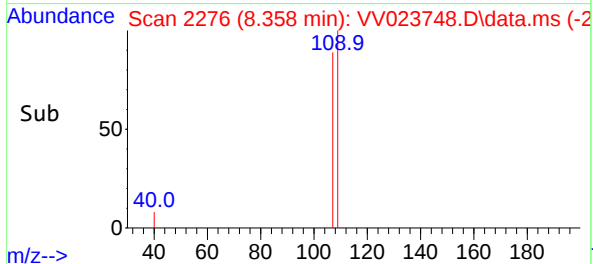
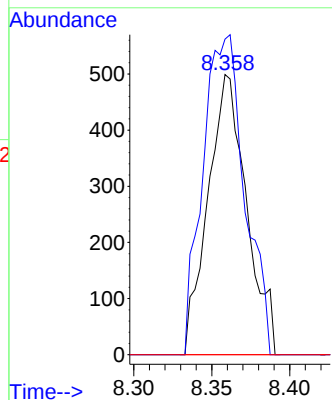
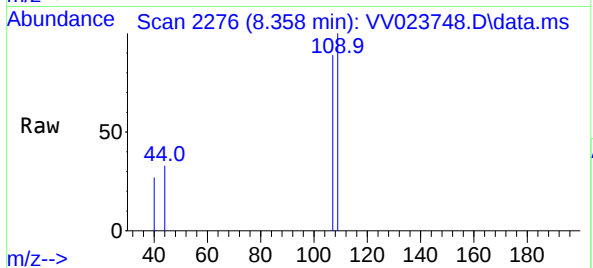
Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:107 Resp: 86

Ion	Ratio	Lower	Upper
107	100		
109	112.6	62.5	116.1
188	0.0	3.4	5.2

Manual Integrations
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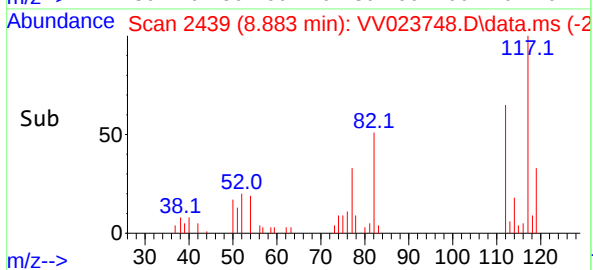
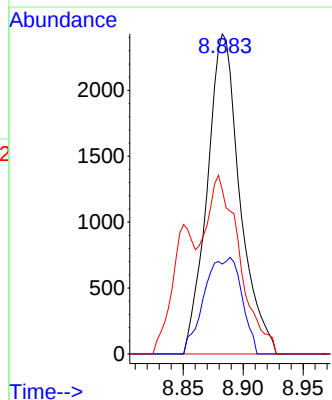
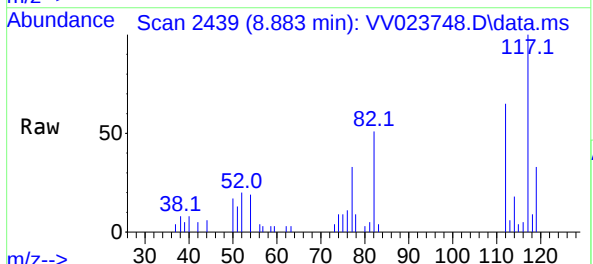
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

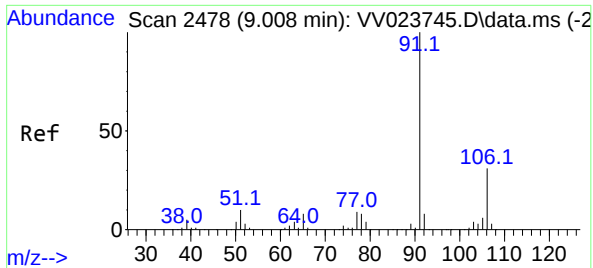


#51
Chlorobenzene
Concen: 0.170 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion:112 Resp: 4596

Ion	Ratio	Lower	Upper
112	100		
114	28.1	23.3	43.3
77	51.2	43.3	64.9





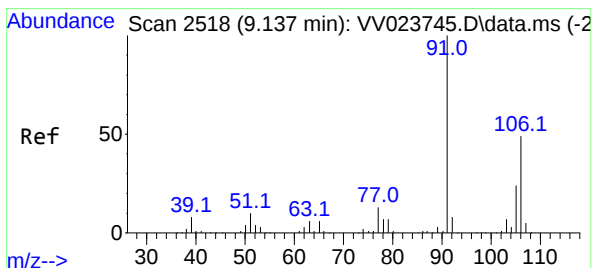
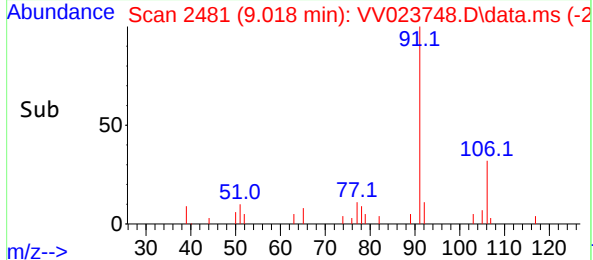
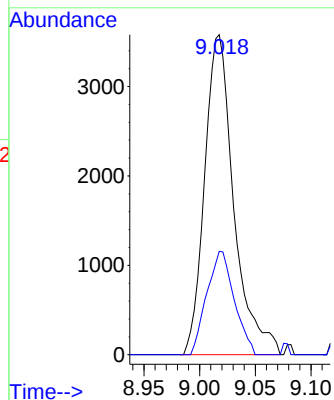
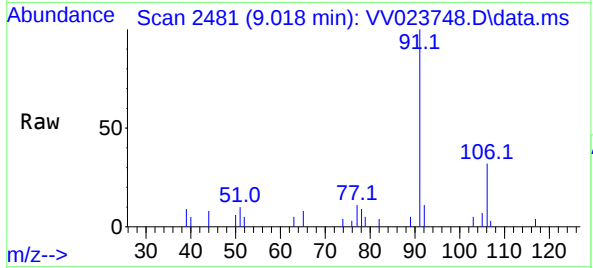
#52
Ethylbenzene
Concen: 0.153 ug/L
RT: 9.018 min Scan# 2478
Delta R.T. 0.010 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 653
Ion Ratio Lower Upper
91 100
106 32.3 22.0 41.0

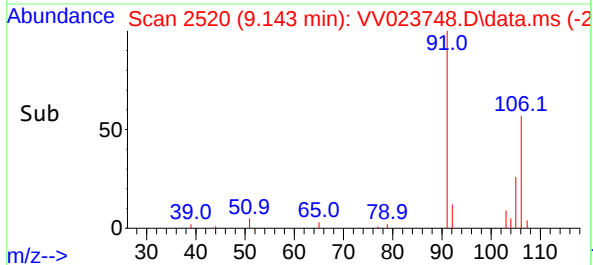
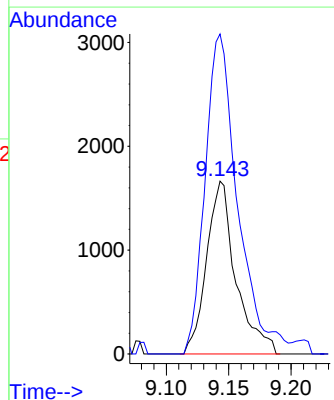
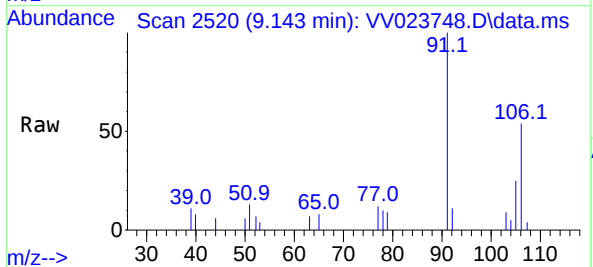
Manual Integrations
APPROVED

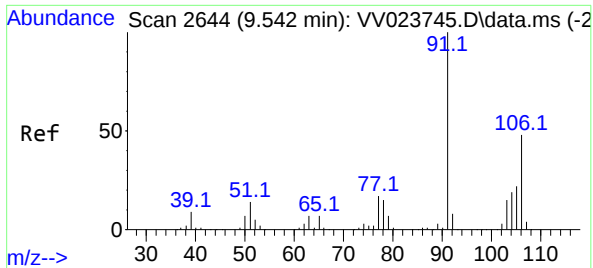
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#53
m,p-xylene
Concen: 0.161 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion:106 Resp: 2719
Ion Ratio Lower Upper
106 100
91 185.2 139.5 259.1





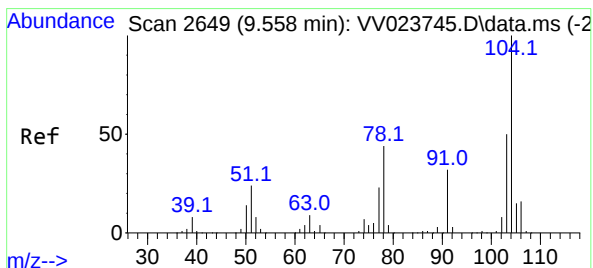
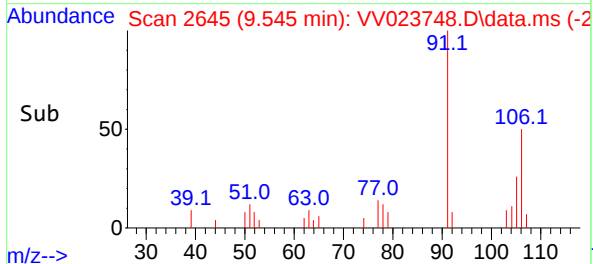
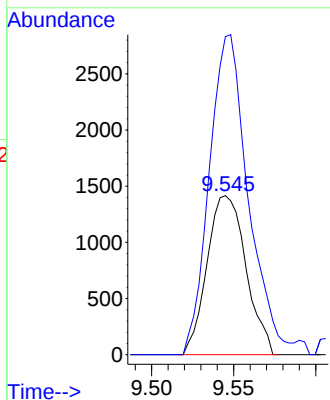
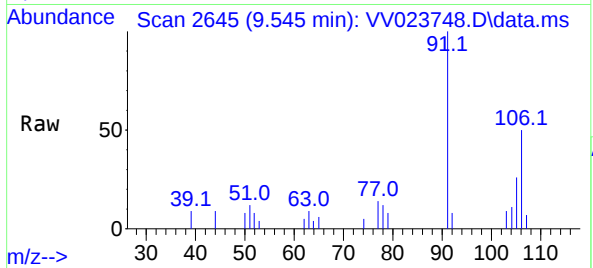
#54
o-xylene
Concen: 0.145 ug/L
RT: 9.545 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:106 Resp: 2334
Ion Ratio Lower Upper
106 100
91 200.0 147.9 274.7

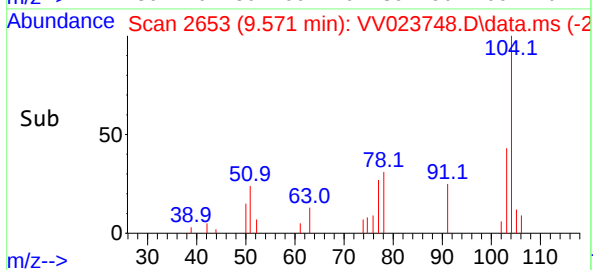
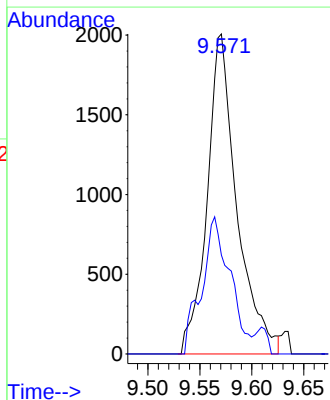
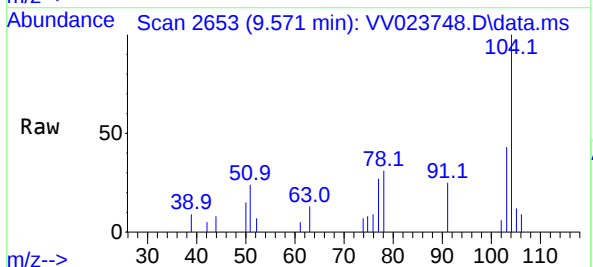
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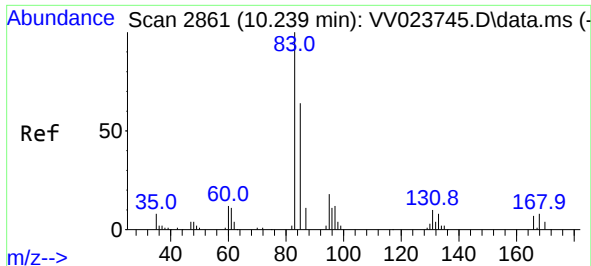
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#55
Styrene
Concen: 0.147 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.013 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

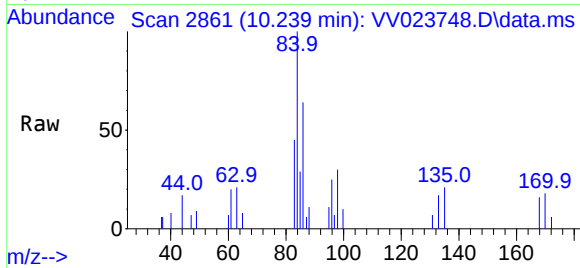
Tgt Ion:104 Resp: 3986
Ion Ratio Lower Upper
104 100
78 30.9 31.0 57.6#





#57
1,1,2,2-Tetrachloroethane
Concen: 0.195 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

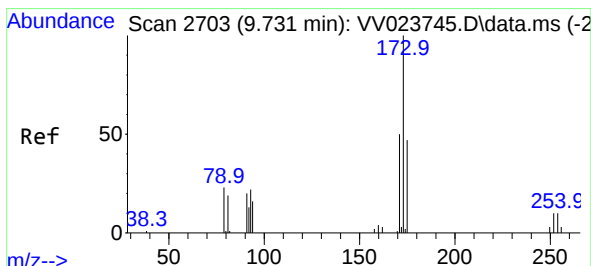
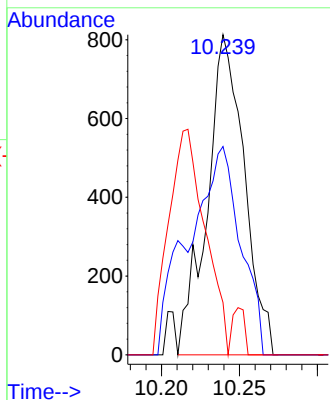
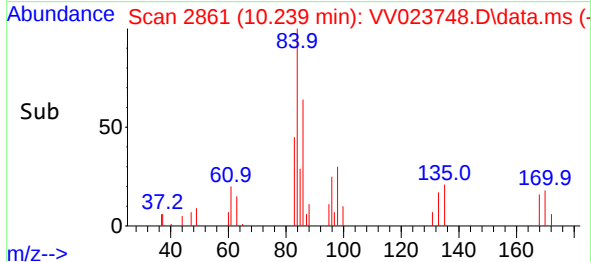
Instrument : MSVOA_V
ClientSampleId : MDL01



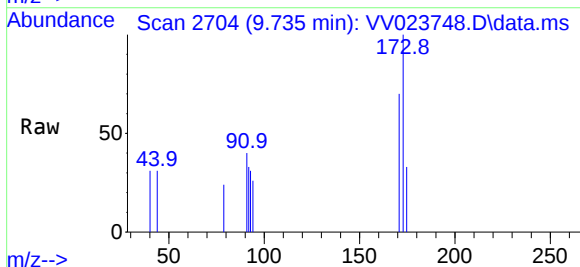
Tgt Ion: 83 Resp: 1344
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8
131 16.4 8.3 12.5

Manual Integrations
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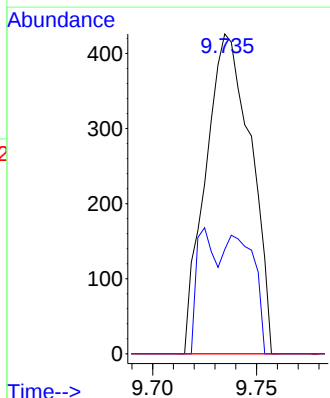
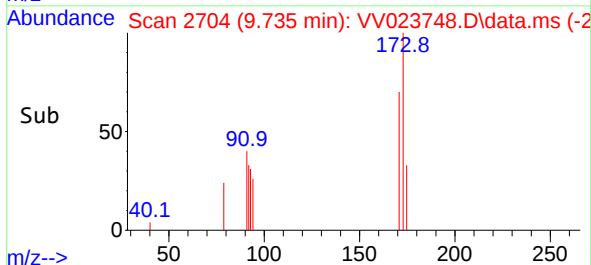
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

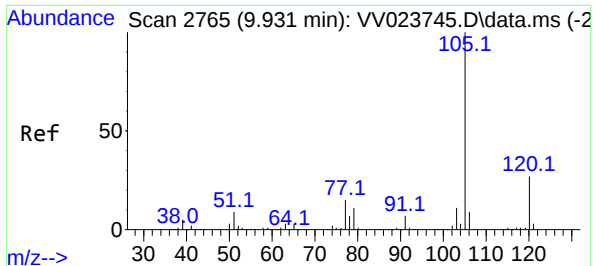


#59
Bromoform
Concen: 0.153 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49



Tgt Ion:173 Resp: 644
Ion Ratio Lower Upper
173 100
175 25.2 39.4 59.2#
254 0.0 7.4 11.0#





#60
Isopropylbenzene
Concen: 0.155 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

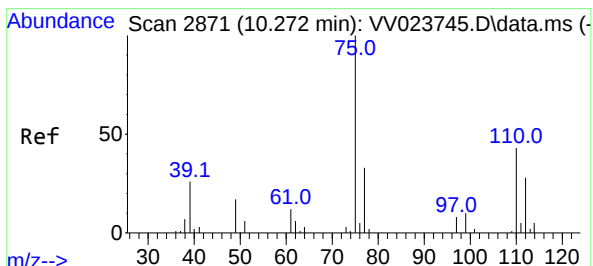
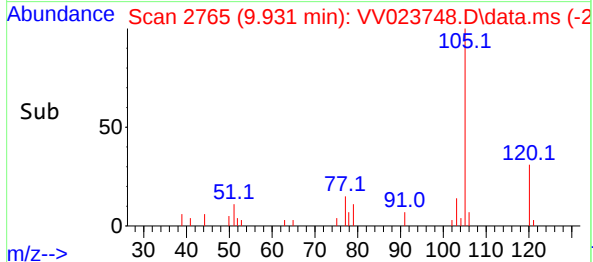
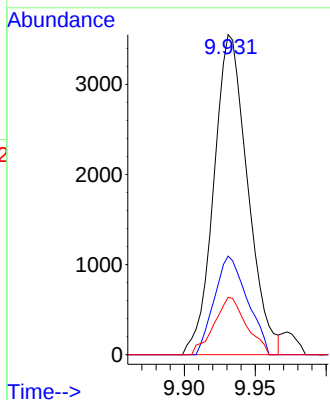
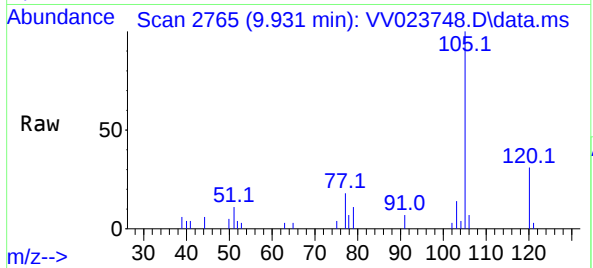
Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 105 Resp: 589

Ion	Ratio	Lower	Upper
105	100		
120	30.0	21.4	32.0
77	17.1	12.2	18.4

Manual Integrations
APPROVED

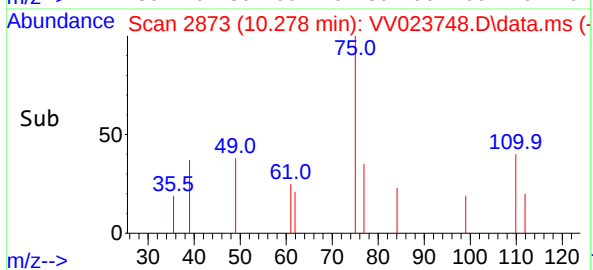
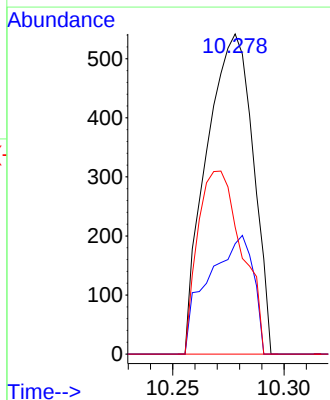
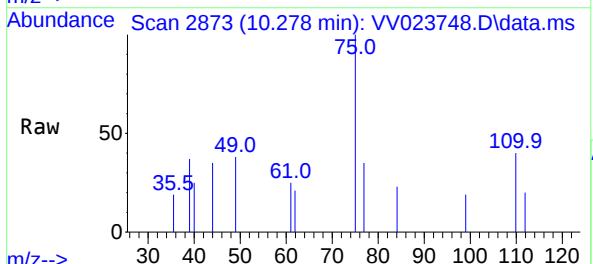
Reviewed By : John Carlone 12/01/2021
Supervised By : Mahesh Dadoda 12/01/2021

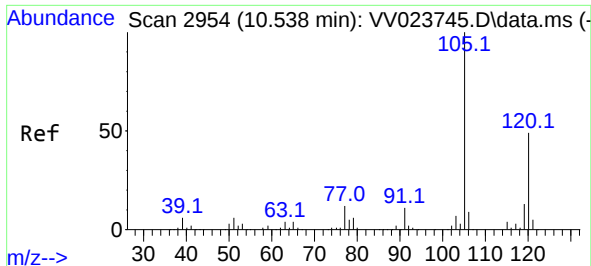


#61
1,2,3-Trichloropropane
Concen: 0.174 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion: 75 Resp: 787

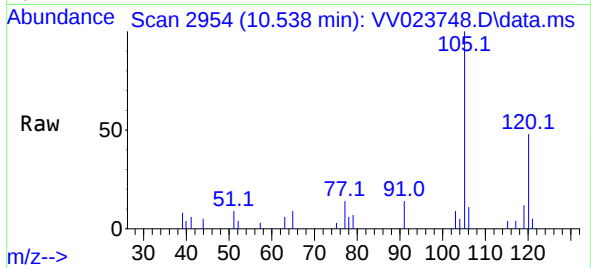
Ion	Ratio	Lower	Upper
75	100		
77	36.0	26.4	39.6
110	54.3	34.2	51.2





#62
1,3,5-Trimethylbenzene
Concen: 0.153 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

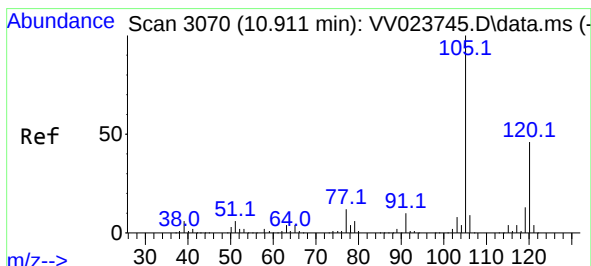
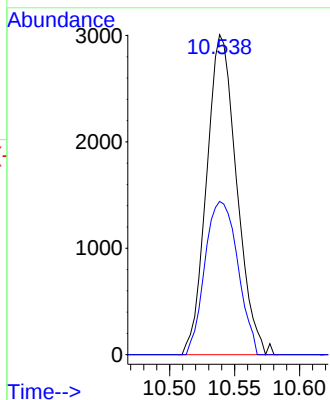
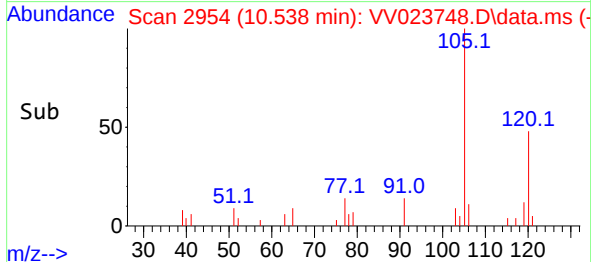
Instrument :
MSVOA_V
ClientSampleId :
MDL01



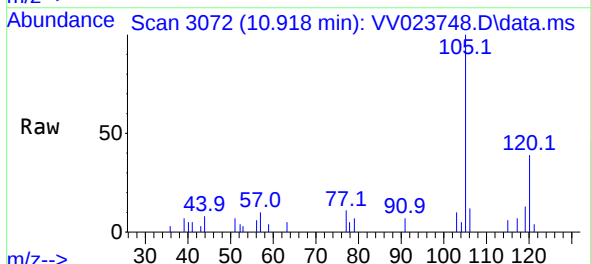
Tgt Ion:105 Resp: 484
Ion Ratio Lower Upper
105 100
120 52.3 40.1 60.1

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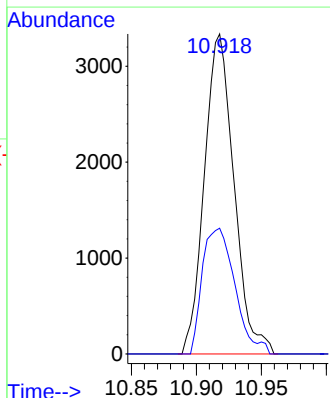
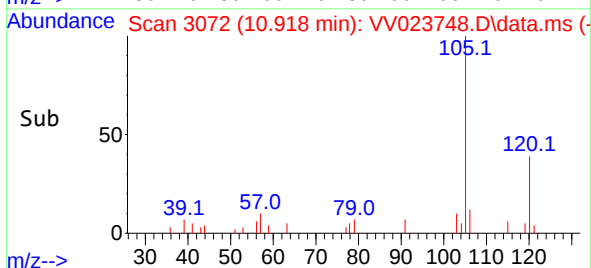
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

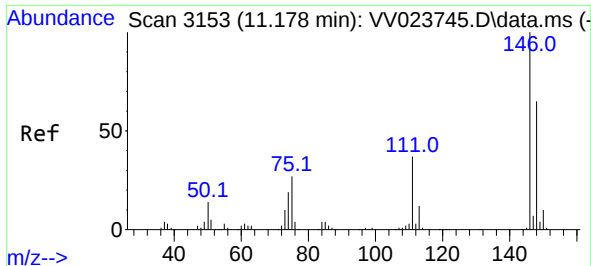


#63
1,2,4-Trimethylbenzene
Concen: 0.169 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49



Tgt Ion:105 Resp: 5291
Ion Ratio Lower Upper
105 100
120 43.2 36.7 55.1





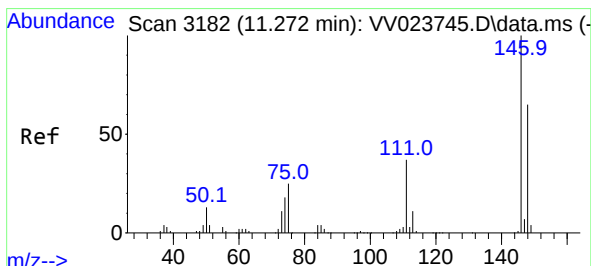
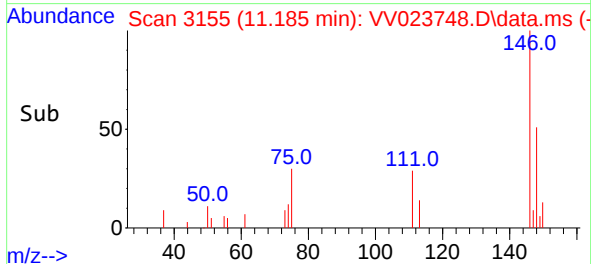
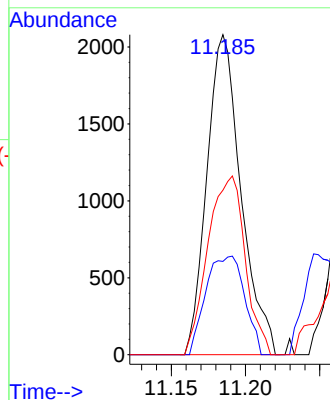
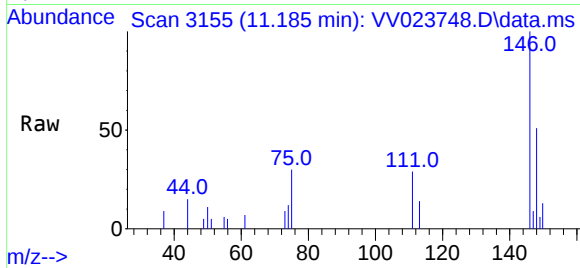
#64
1,3-Dichlorobenzene
Concen: 0.170 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:146 Resp: 332
Ion Ratio Lower Upper
146 100
111 29.2 26.3 48.9
148 51.4 44.4 82.5

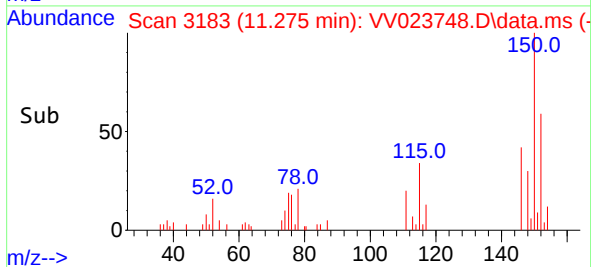
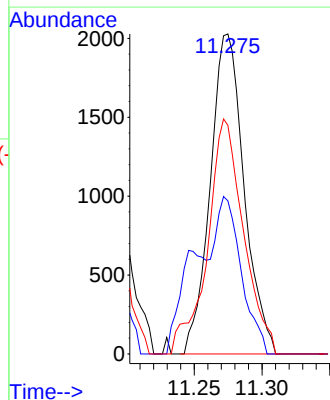
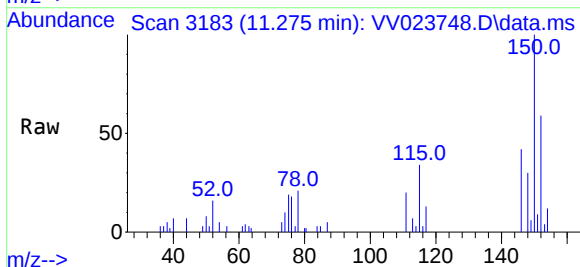
Manual Integrations
APPROVED

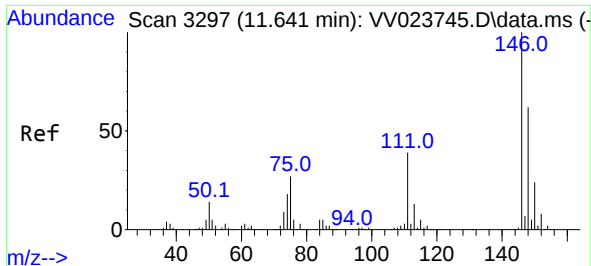
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#65
1,4-Dichlorobenzene
Concen: 0.180 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

Tgt Ion:146 Resp: 3524
Ion Ratio Lower Upper
146 100
111 47.8 25.6 47.6#
148 71.4 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.182 ug/L

RT: 11.645 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

MDL01

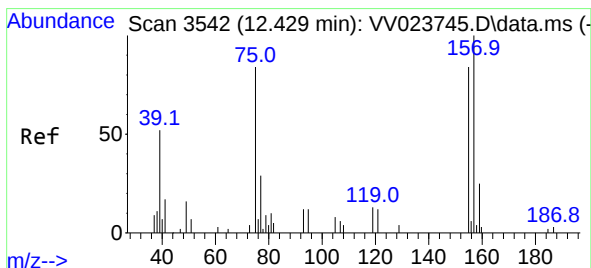
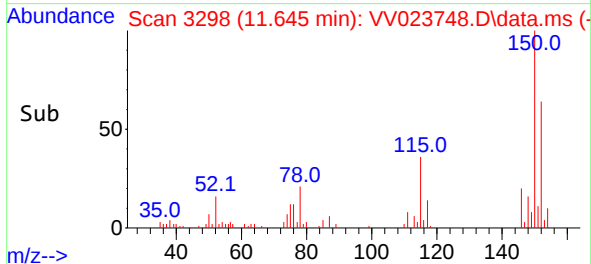
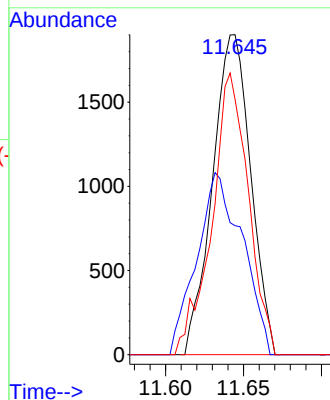
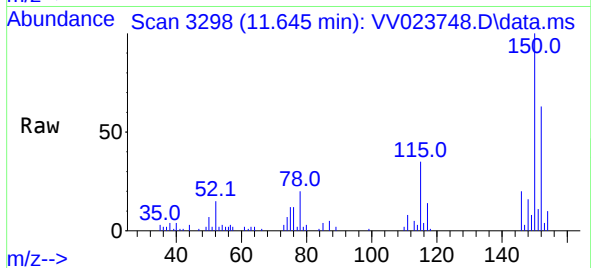
Tgt Ion:	146	Resp:	324
Ion Ratio	Lower	Upper	
146	100		
111	40.3	31.9	47.9
148	79.7	50.5	75.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#68

1,2-Dibromo-3-chloropropane

Concen: 0.076 ug/L

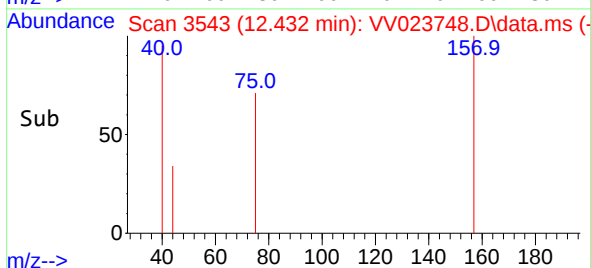
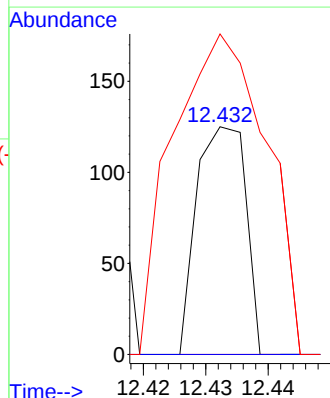
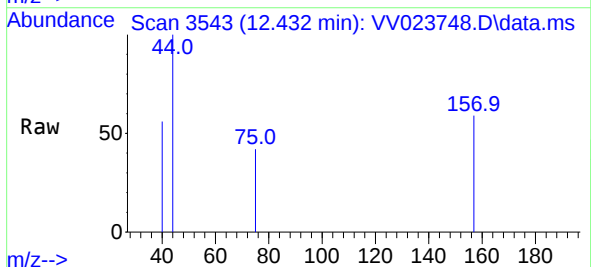
RT: 12.432 min Scan# 3543

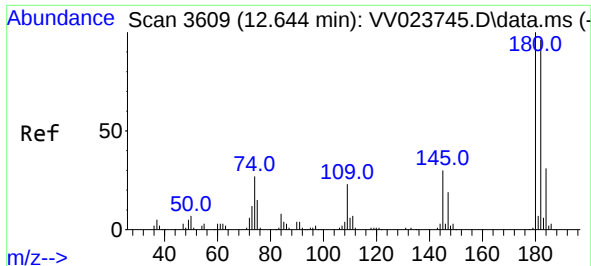
Delta R.T. 0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Tgt Ion:	75	Resp:	68
Ion Ratio	Lower	Upper	
75	100		
155	0.0	71.7	107.5
157	140.8	103.3	154.9





#69

1,3,5-Trichlorobenzene

Concen: 0.173 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:180 Resp: 2640

Ion Ratio Lower Upper

180 100

182 92.7 76.4 114.6

184 33.5 24.2 36.4

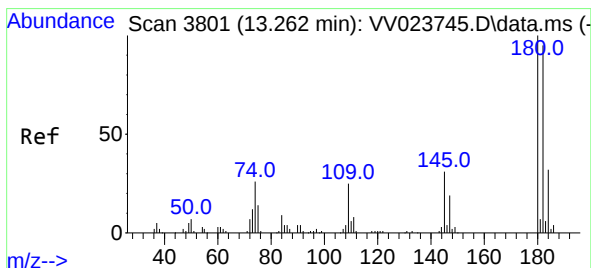
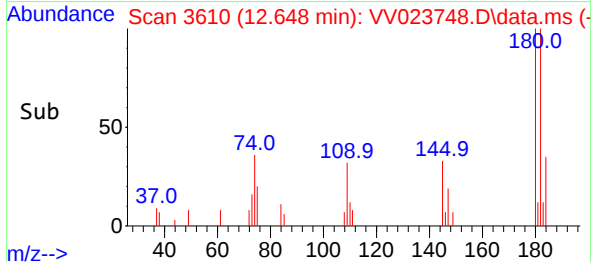
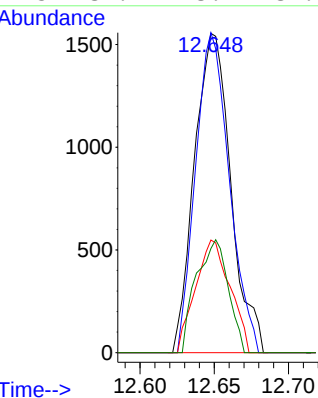
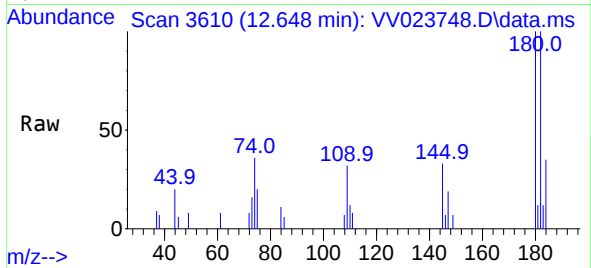
145 31.1 23.2 34.8

Manual Integrations

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Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#70

1,2,4-trichlorobenzene

Concen: 0.170 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.003 min

Lab File: VV023748.D

Acq: 30 Nov 2021 15:49

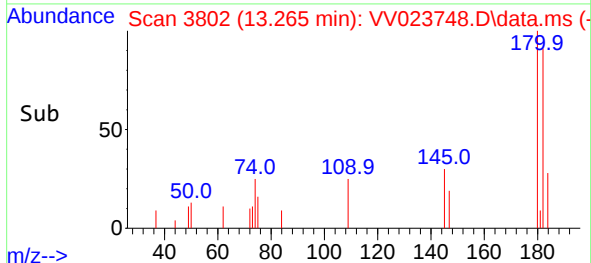
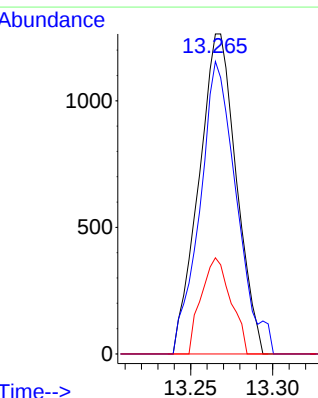
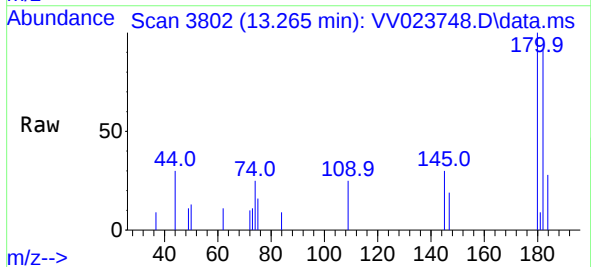
Tgt Ion:180 Resp: 2007

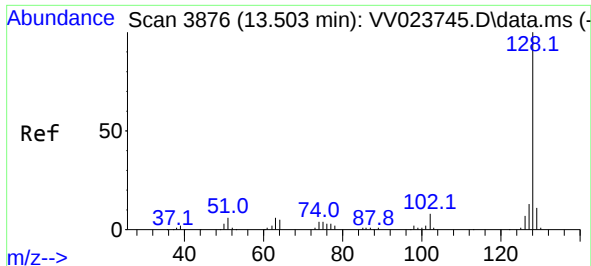
Ion Ratio Lower Upper

180 100

182 89.2 74.4 111.6

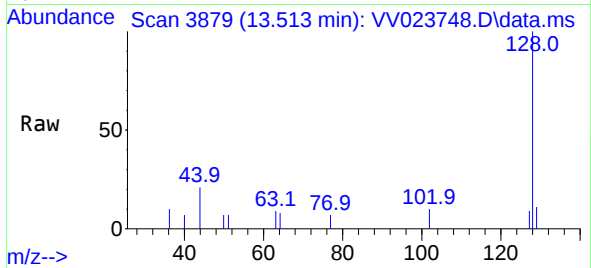
145 23.7 23.3 34.9





#71
Naphthalene
Concen: 0.150 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49

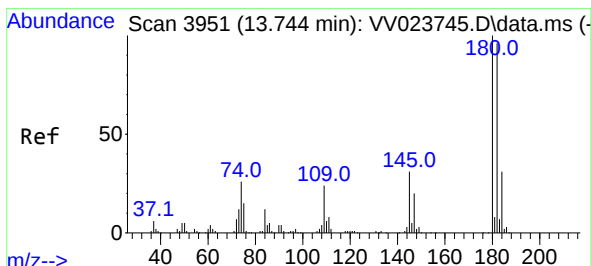
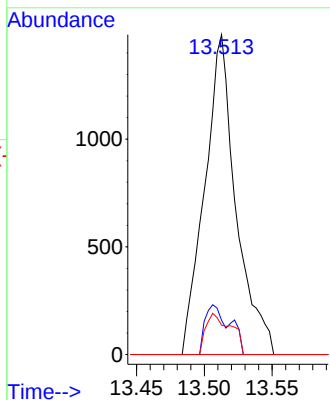
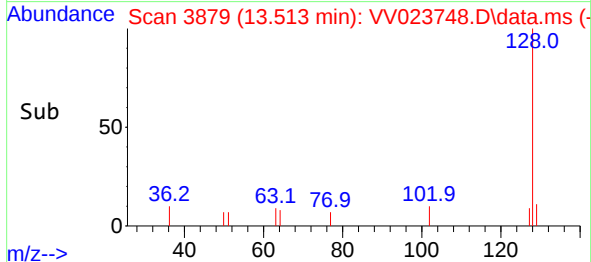
Instrument :
MSVOA_V
ClientSampleId :
MDL01



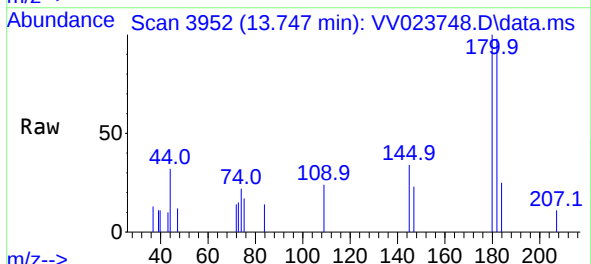
Tgt Ion:128 Resp: 2379
Ion Ratio Lower Upper
128 100
129 8.8 9.0 13.4
127 10.3 10.2 15.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#72
1,2,3-Trichlorobenzene
Concen: 0.166 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023748.D
Acq: 30 Nov 2021 15:49



Tgt Ion:180 Resp: 1698
Ion Ratio Lower Upper
180 100
182 93.9 76.8 115.2
145 28.6 25.8 38.6

