

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW113021\
 Data File : VW023749.D
 Acq On : 30 Nov 2021 17:07
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 01:33:57 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	5.619	114	138946	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136512	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50283	4.408	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.571	69	39990	4.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.111	63	70853	3.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	3.896	46	90026	65.654	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.300%#
24) Chloroform-d	4.349	84	93344	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.034	65	45423	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.050	84	183294	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.069	67	52442	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.317	98	167623	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.625	79	20443	4.865	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.088	63	79192	56.720	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36933	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	65463	5.473	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	2278	0.173	ug/L	98
3) Chloromethane	1.243	50	3203	0.279	ug/L	93
5) Vinyl chloride	1.314	62	2637	0.219	ug/L #	71
6) Bromomethane	1.526	94	2122	0.311	ug/L	97
8) Chloroethane	1.590	64	1648	0.216	ug/L	96
9) Trichlorofluoromethane	1.757	101	3866	0.197	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2604	0.265	ug/L #	73
12) 1,1-Dichloroethene	2.117	96	2363	0.254	ug/L #	1
13) Acetone	2.188	43	5982m	4.848	ug/L	
14) Carbon disulfide	2.297	76	5580	0.178	ug/L #	94
17) Methyl tert-butyl Ether	2.770	73	3826	0.201	ug/L #	88
18) trans-1,2-Dichloroethene	2.770	96	1897	0.179	ug/L	85
19) 1,1-Dichloroethane	3.198	63	3687	0.207	ug/L	97
21) 2-Butanone	4.014	43	4216m	2.700	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	2078	0.204	ug/L	80
23) Bromochloromethane	4.256	128	978m	0.205	ug/L	
27) 1,2-Dichloroethane	5.143	62	2340	0.222	ug/L #	94
29) 1,1,1-Trichloroethane	4.616	97	3312	0.186	ug/L	94
30) Cyclohexane	4.677	56	2606	0.175	ug/L	92

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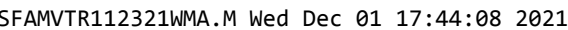
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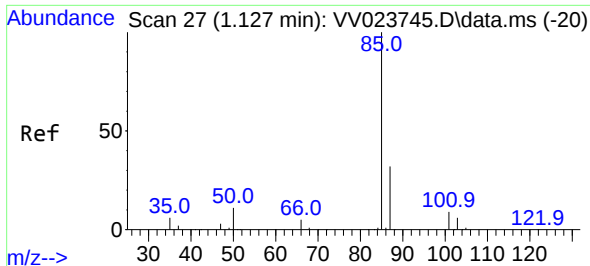
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.831	117	3090	0.189	ug/L	93
33) Benzene	5.108	78	8337	0.214	ug/L	100
34) Trichloroethene	5.918	95	1973	0.189	ug/L	86
35) Methylcyclohexane	6.130	83	2976	0.183	ug/L	94
37) 1,2-Dichloropropane	6.182	63	1821	0.197	ug/L #	84
38) Bromodichloromethane	6.522	83	2619	0.209	ug/L #	90
39) cis-1,3-Dichloropropene	7.047	75	2791	0.212	ug/L	87
40) 4-Methyl-2-pentanone	7.233	43	7563	1.713	ug/L #	88
42) Toluene	7.397	91	10804	0.256	ug/L	94
44) trans-1,3-Dichloropropene	7.657	75	2396	0.217	ug/L	87
45) 1,1,2-Trichloroethane	7.847	97	1434	0.224	ug/L	89
47) Tetrachloroethene	7.976	164	1744	0.184	ug/L	97
48) 2-Hexanone	8.149	43	8344m	2.556	ug/L	
49) Dibromochloromethane	8.246	129	1643	0.187	ug/L	74
50) 1,2-Dibromoethane	8.358	107	1252	0.200	ug/L #	95
51) Chlorobenzene	8.886	112	5724	0.205	ug/L	94
52) Ethylbenzene	9.018	91	8277	0.188	ug/L	100
53) m,p-xylene	9.143	106	3125	0.178	ug/L	94
54) o-xylene	9.545	106	2756	0.165	ug/L	80
55) Styrene	9.571	104	4248	0.151	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	1774	0.249	ug/L #	94
59) Bromoform	9.731	173	835	0.187	ug/L #	90
60) Isopropylbenzene	9.934	105	7605	0.188	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	1045	0.218	ug/L #	79
62) 1,3,5-Trimethylbenzene	10.538	105	6028	0.179	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	6224	0.187	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	4120	0.199	ug/L	89
65) 1,4-Dichlorobenzene	11.275	146	4289	0.207	ug/L	94
67) 1,2-Dichlorobenzene	11.644	146	3866	0.205	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.429	75	230	0.241	ug/L #	87
69) 1,3,5-Trichlorobenzene	12.648	180	3366	0.209	ug/L #	96
70) 1,2,4-trichlorobenzene	13.262	180	2410	0.193	ug/L	97
71) Naphthalene	13.506	128	4162	0.247	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.750	180	2528	0.233	ug/L	89

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

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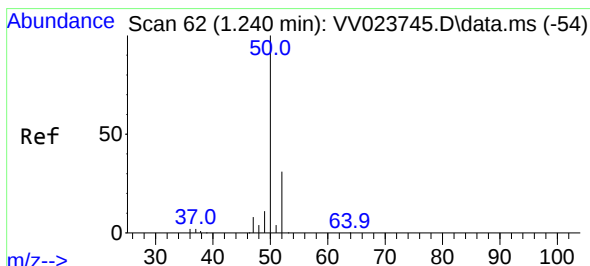
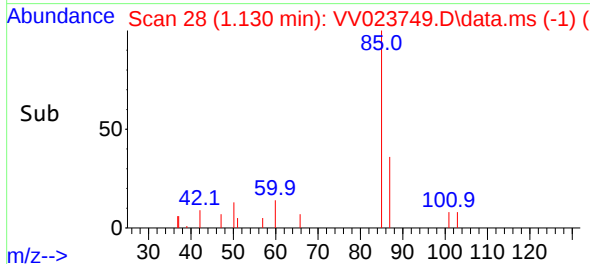
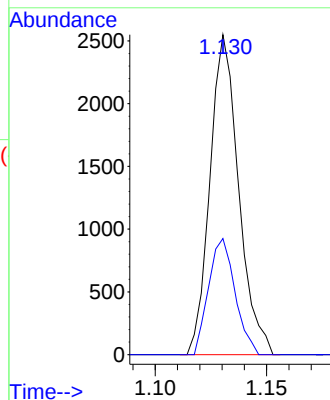
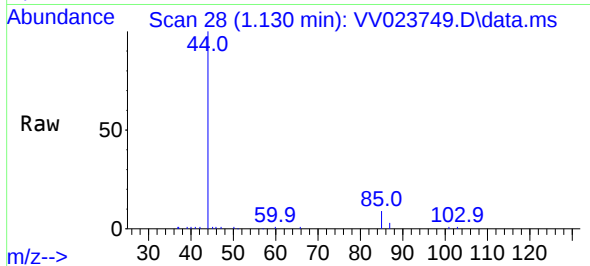
#2
Dichlorodifluoromethane
Concen: 0.173 ug/L
RT: 1.130 min Scan# 27
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 85 Resp: 2278
Ion Ratio Lower Upper
85 100
87 33.5 26.0 39.0

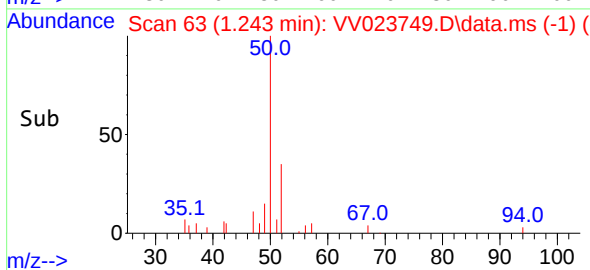
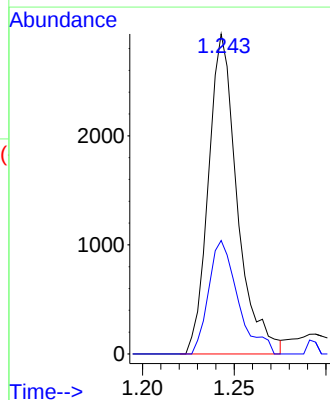
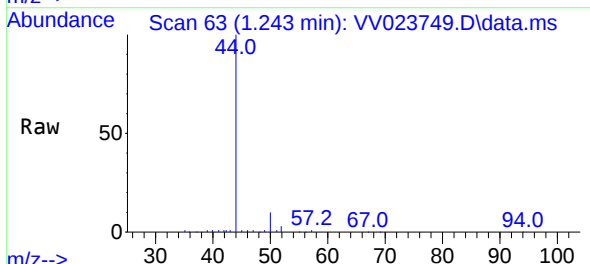
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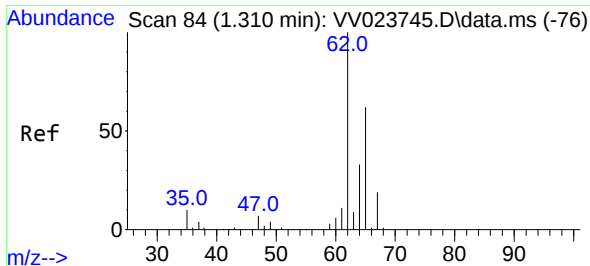
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#3
Chloromethane
Concen: 0.279 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

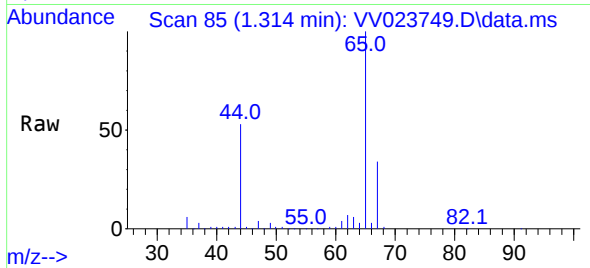
Tgt Ion: 50 Resp: 3203
Ion Ratio Lower Upper
50 100
52 35.4 22.0 41.0





#5
 Vinyl chloride
 Concen: 0.219 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023749.D
 Acq: 30 Nov 2021 17:07

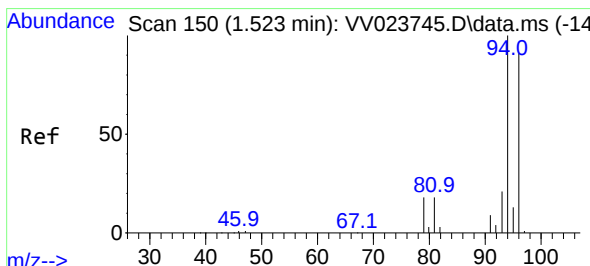
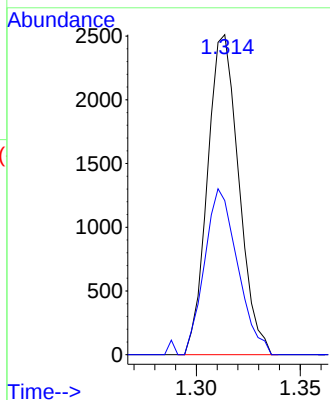
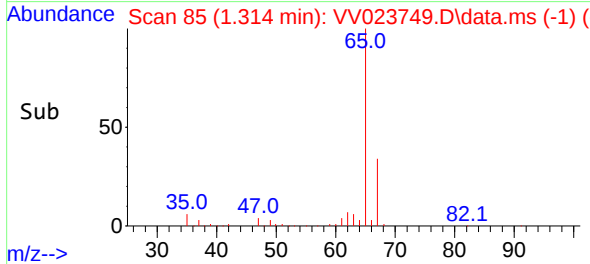
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02



Tgt Ion: 62 Resp: 263
 Ion Ratio Lower Upper
 62 100
 64 48.1 22.4 41.6

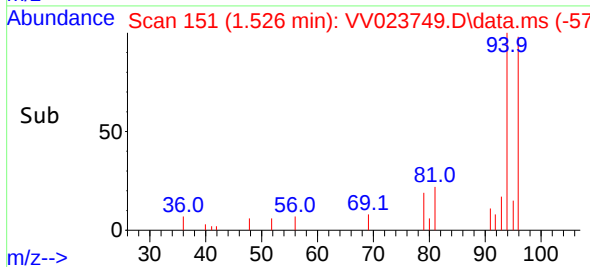
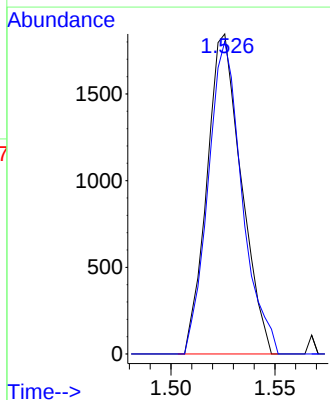
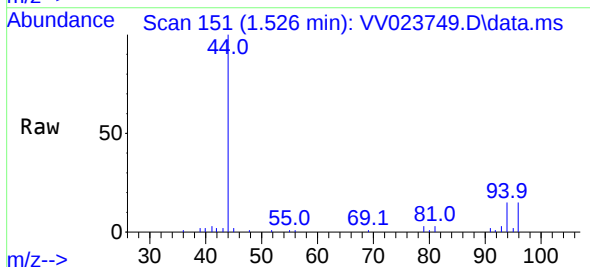
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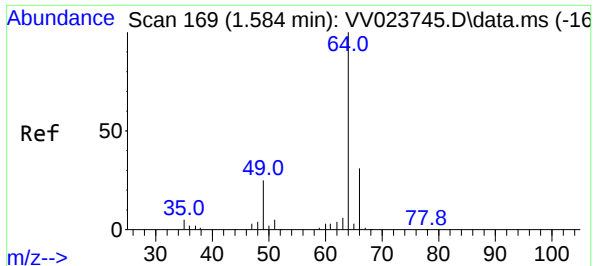
Reviewed By :John Carlone 12/01/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#6
 Bromomethane
 Concen: 0.311 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV023749.D
 Acq: 30 Nov 2021 17:07

Tgt Ion: 94 Resp: 2122
 Ion Ratio Lower Upper
 94 100
 96 97.6 66.2 123.0





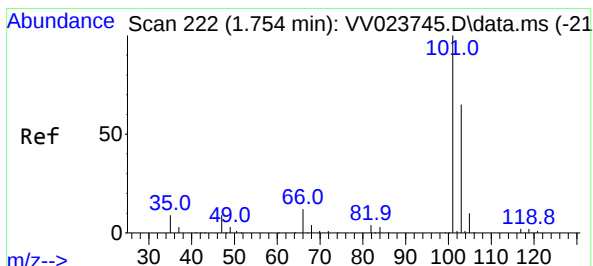
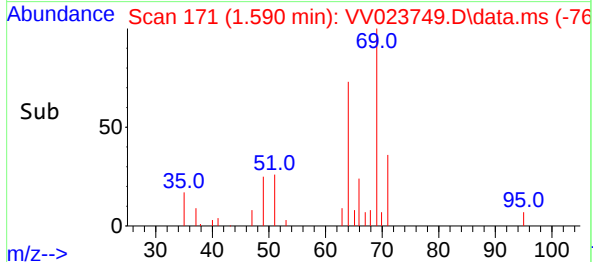
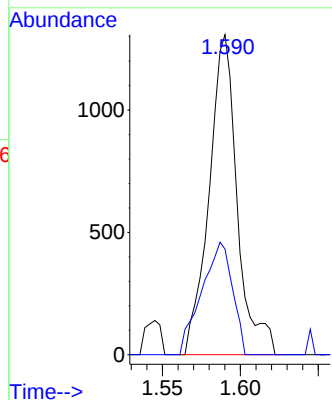
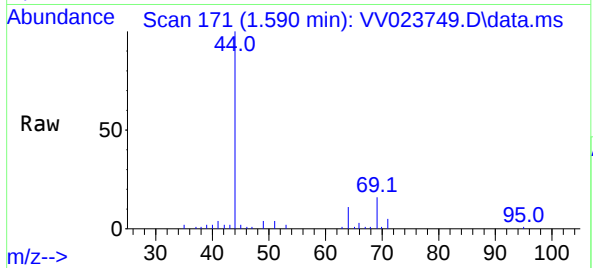
#8
Chloroethane
Concen: 0.216 ug/L
RT: 1.590 min Scan# 164
Delta R.T. 0.006 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 64 Resp: 164
Ion Ratio Lower Upper
64 100
66 33.0 21.4 39.8

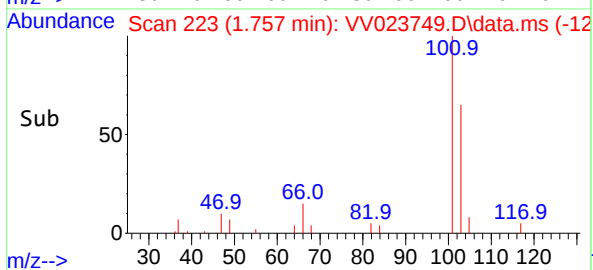
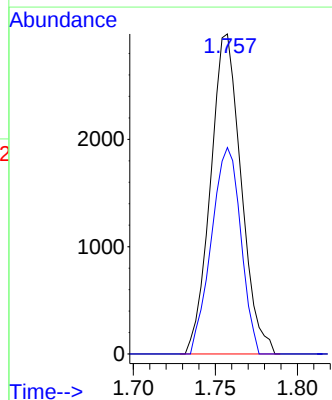
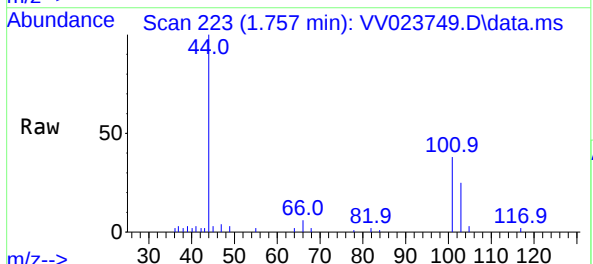
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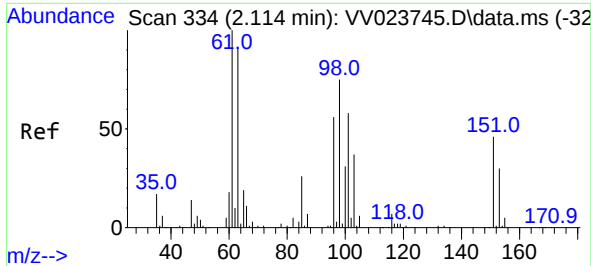
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#9
Trichlorofluoromethane
Concen: 0.197 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Tgt Ion:101 Resp: 3866
Ion Ratio Lower Upper
101 100
103 61.8 51.6 77.4





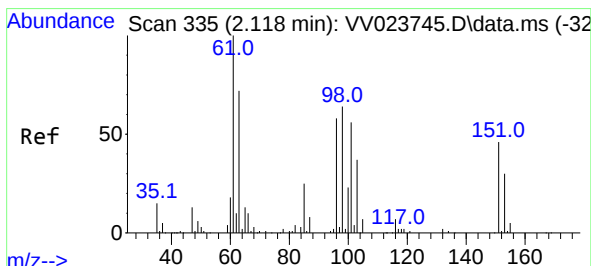
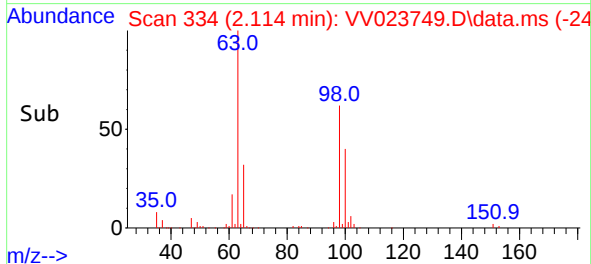
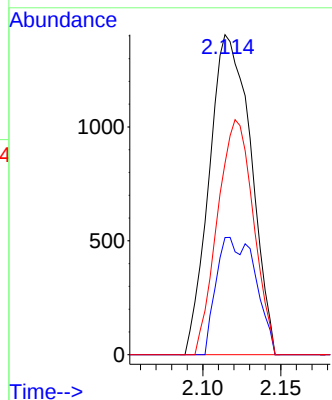
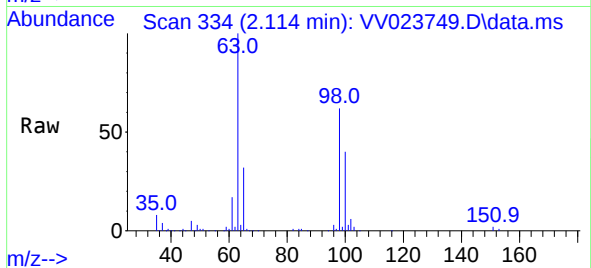
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.265 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
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MDL02

Tgt Ion:101 Resp: 2604
Ion Ratio Lower Upper
101 100
85 20.8 36.0 54.0
151 63.6 66.4 99.6

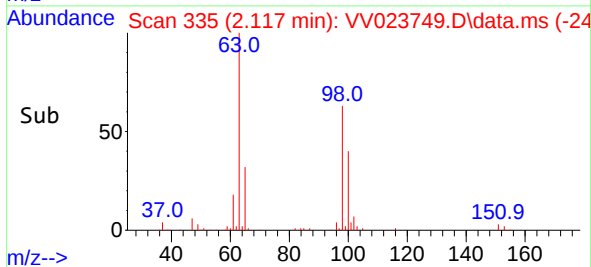
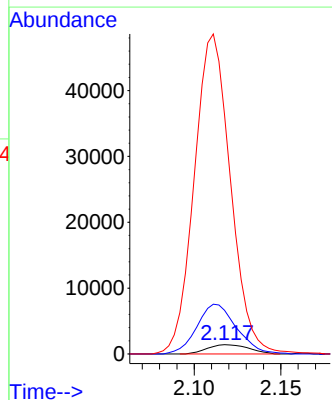
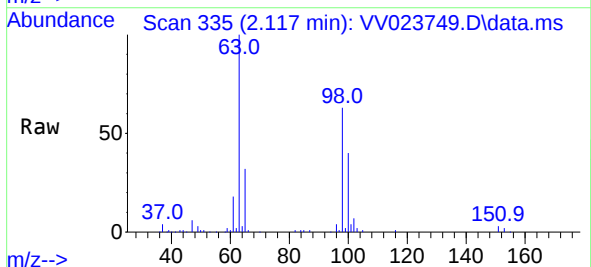
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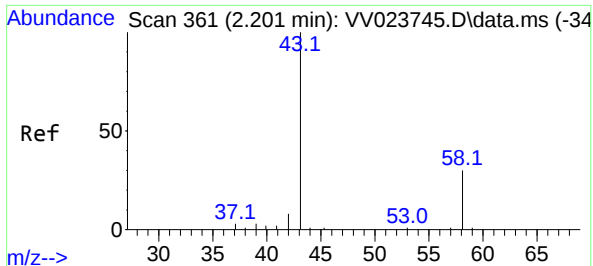
Reviewed By :John Carlone 12/01/2021
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#12
1,1-Dichloroethene
Concen: 0.254 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

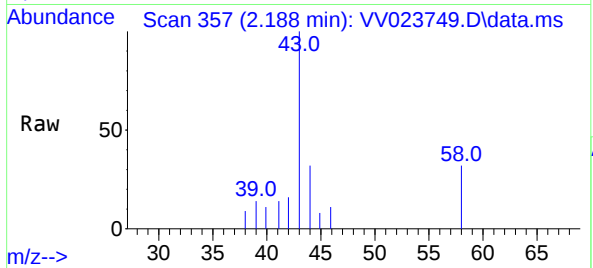
Tgt Ion: 96 Resp: 2363
Ion Ratio Lower Upper
96 100
61 467.0 116.1 215.5#
63 2554.6 79.4 147.4#





#13
Acetone
Concen: 4.848 ug/L m
RT: 2.188 min Scan# 3
Delta R.T. -0.013 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

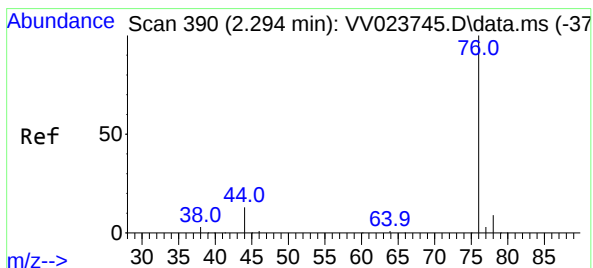
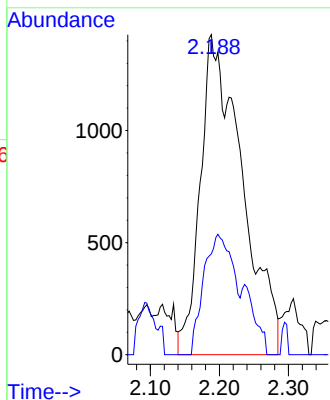
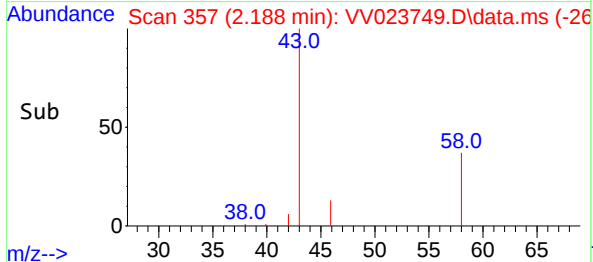
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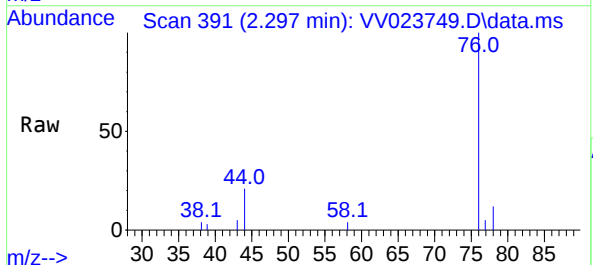
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Ion Ratio Lower Upper
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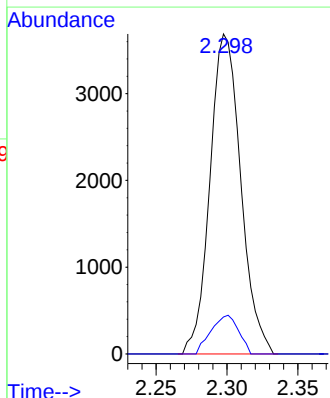
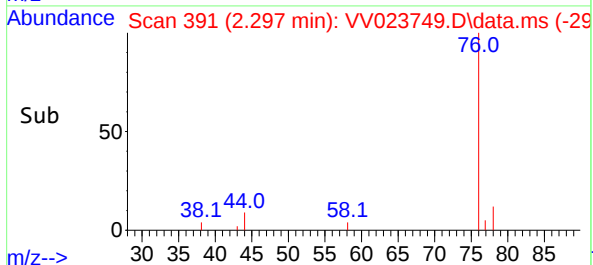
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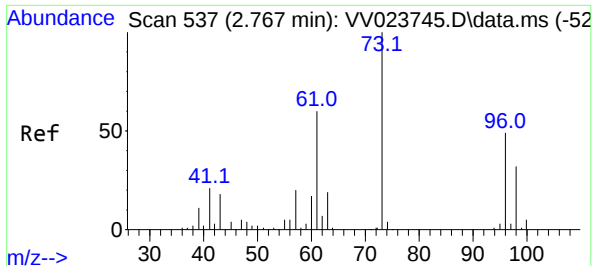


#14
Carbon disulfide
Concen: 0.178 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07



Tgt Ion: 76 Resp: 5580
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#





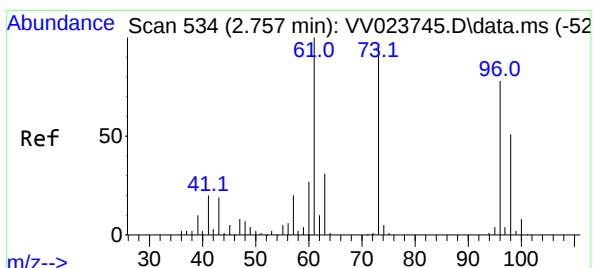
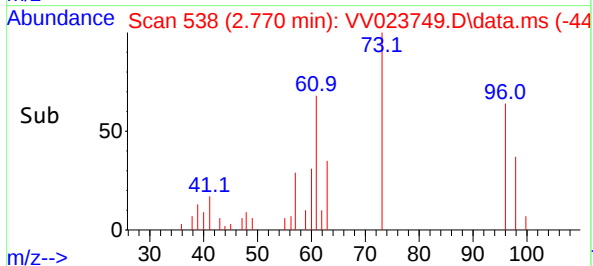
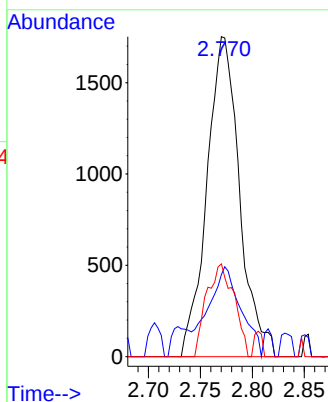
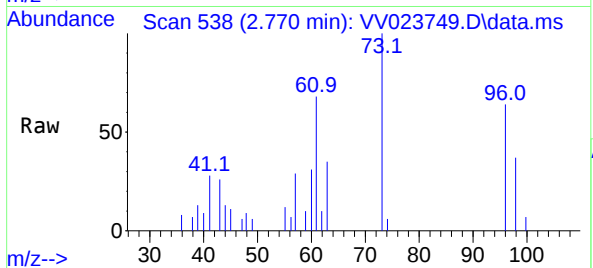
#17
Methyl tert-butyl Ether
Concen: 0.201 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 73 Resp: 3820
Ion Ratio Lower Upper
73 100
43 28.0 15.5 23.3
57 24.4 17.1 25.7

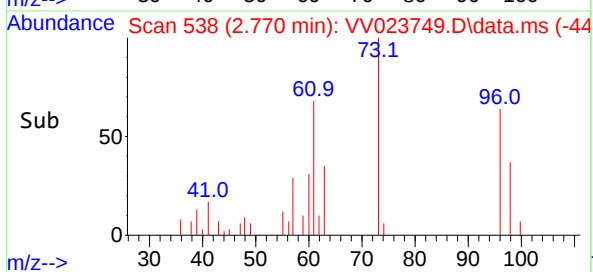
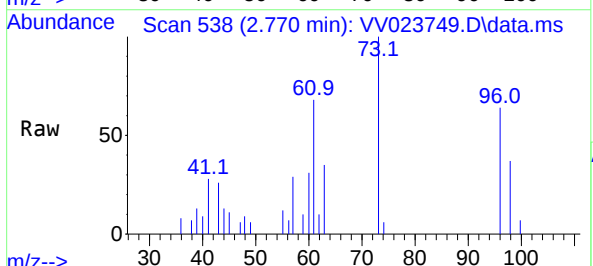
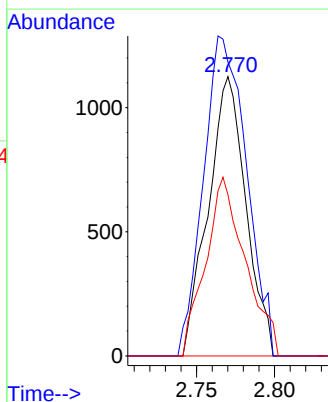
Manual Integrations
APPROVED

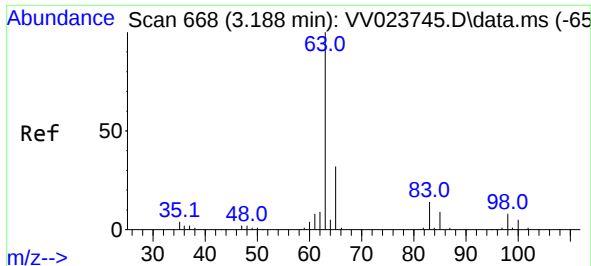
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#18
trans-1,2-Dichloroethene
Concen: 0.179 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.013 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Tgt Ion: 96 Resp: 1897
Ion Ratio Lower Upper
96 100
61 105.2 88.2 163.8
98 57.7 44.9 83.5





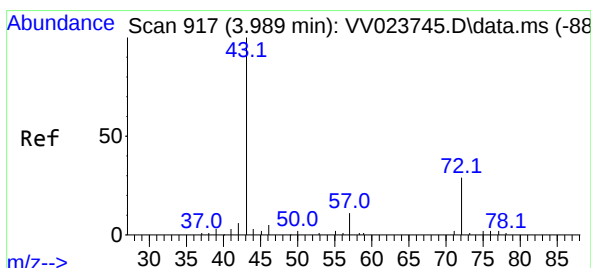
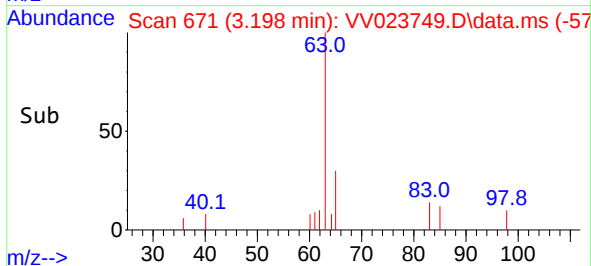
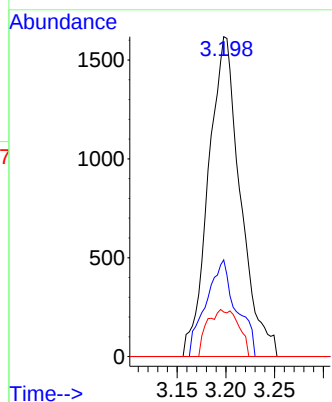
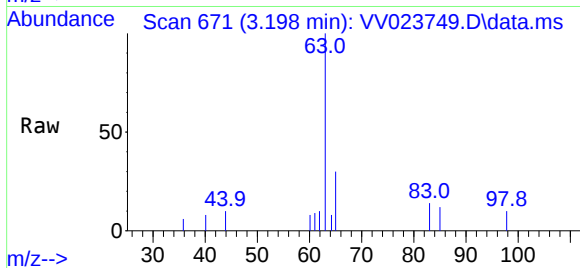
#19
1,1-Dichloroethane
Concen: 0.207 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 63 Resp: 368
Ion Ratio Lower Upper
63 100
65 30.2 22.3 41.3
83 13.9 10.7 19.9

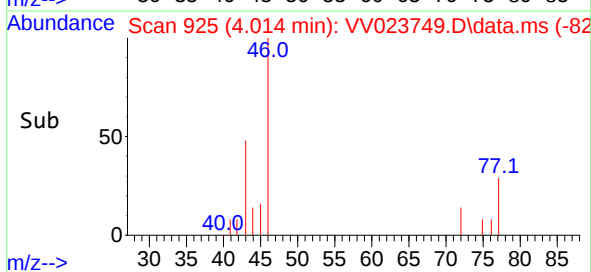
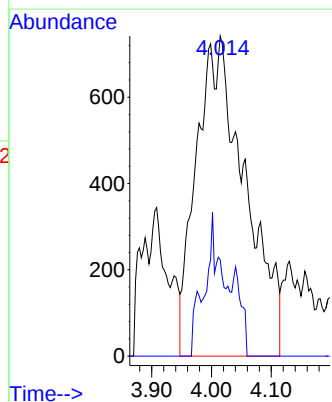
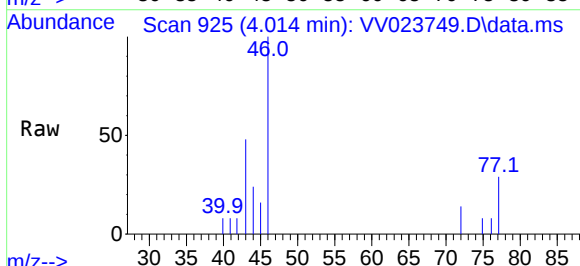
Manual Integrations
APPROVED

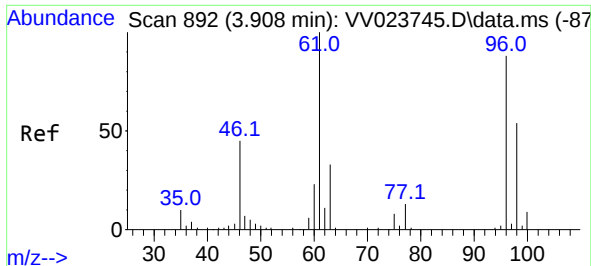
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#21
2-Butanone
Concen: 2.700 ug/L m
RT: 4.014 min Scan# 925
Delta R.T. 0.026 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

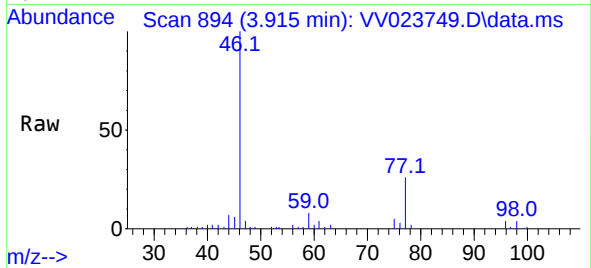
Tgt Ion: 43 Resp: 4216
Ion Ratio Lower Upper
43 100
72 2.8 11.1 33.1#





#22
cis-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

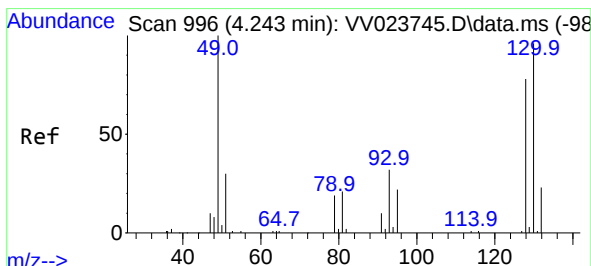
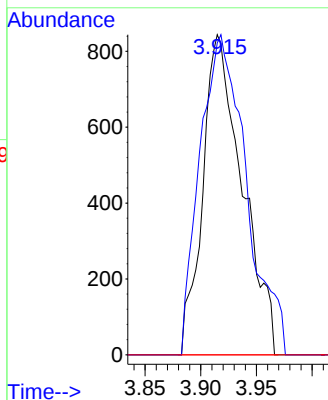
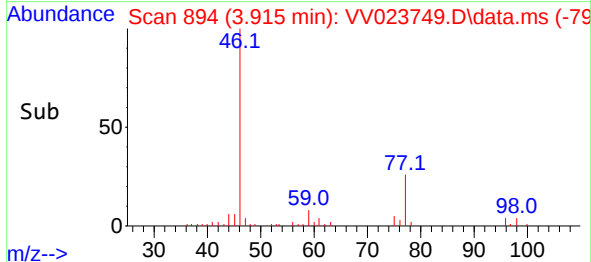
Instrument :
MSVOA_V
ClientSampleId :
MDL02



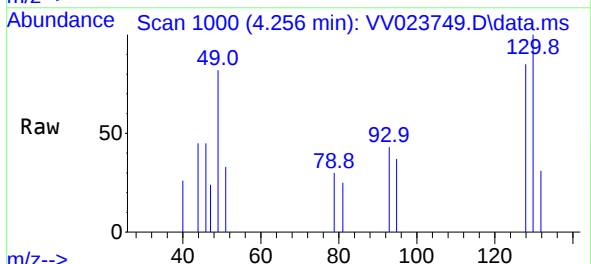
Tgt Ion: 96 Resp: 2078
Ion Ratio Lower Upper
96 100
61 97.4 83.4 154.8
68 0.0 0.0 0.0

Manual Integrations
APPROVED

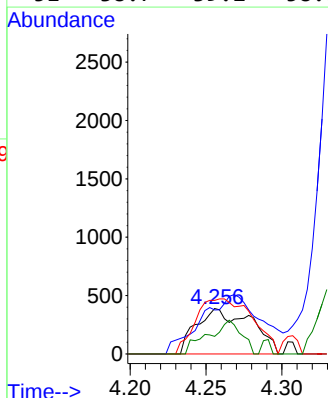
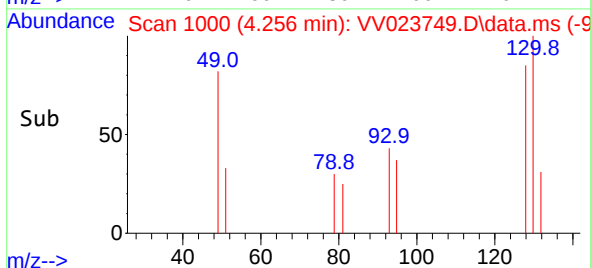
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

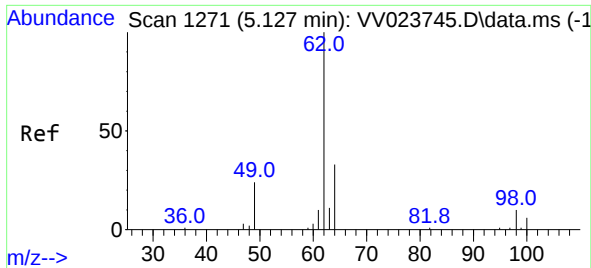


#23
Bromochloromethane
Concen: 0.205 ug/L m
RT: 4.256 min Scan# 1000
Delta R.T. 0.013 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07



Tgt Ion:128 Resp: 978
Ion Ratio Lower Upper
128 100
49 96.7 100.2 186.2#
130 117.7 92.5 171.7
51 38.7 39.2 58.8#





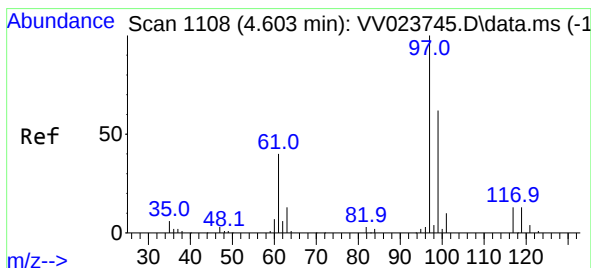
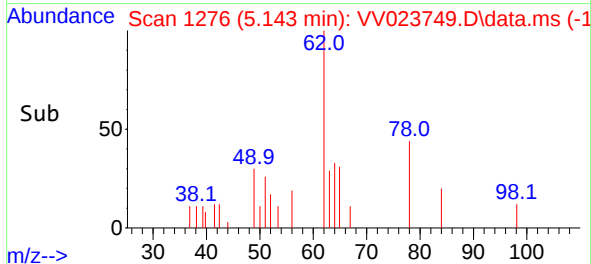
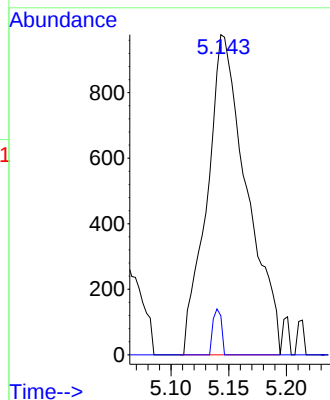
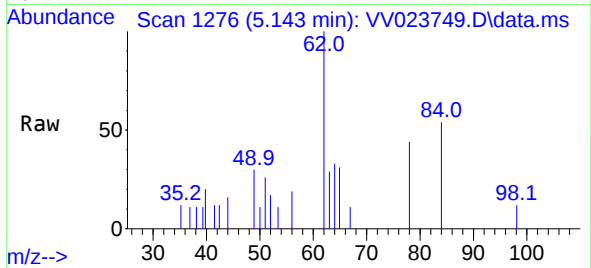
#27
1,2-Dichloroethane
Concen: 0.222 ug/L
RT: 5.143 min Scan# 1112
Delta R.T. 0.016 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 2340
Ion Ratio Lower Upper
62 100
98 12.2 8.1 12.1

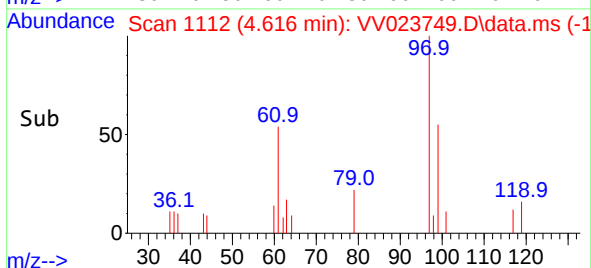
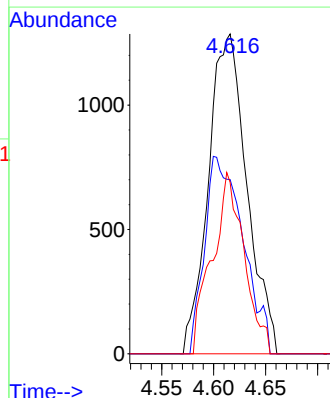
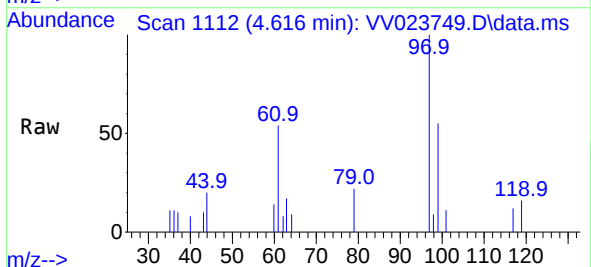
Manual Integrations
APPROVED

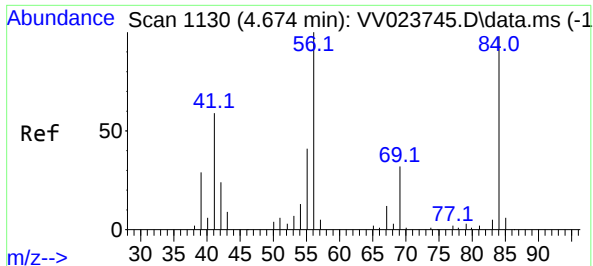
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#29
1,1,1-Trichloroethane
Concen: 0.186 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. 0.013 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

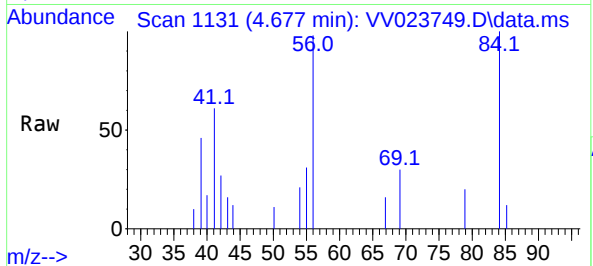
Tgt Ion: 97 Resp: 3312
Ion Ratio Lower Upper
97 100
99 61.4 51.9 77.9
61 47.1 33.2 49.8





#30
Cyclohexane
Concen: 0.175 ug/L
RT: 4.677 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

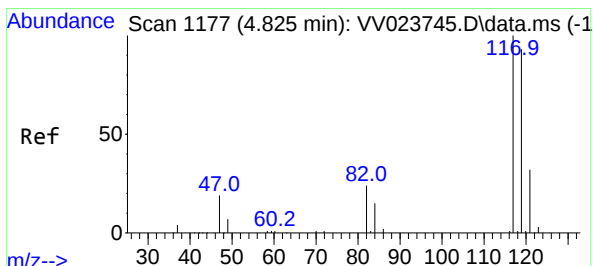
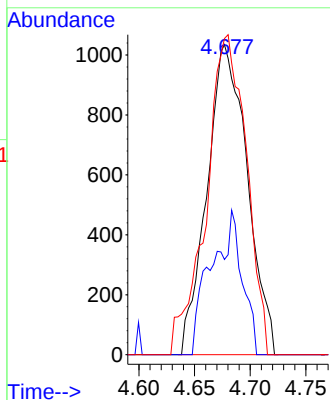
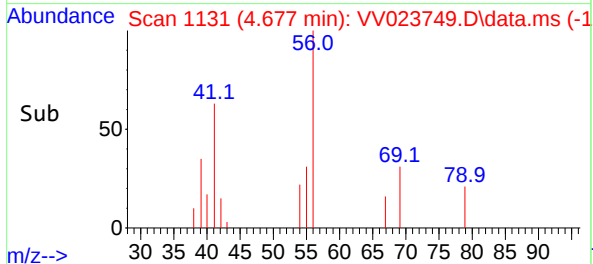
Instrument :
MSVOA_V
ClientSampleId :
MDL02



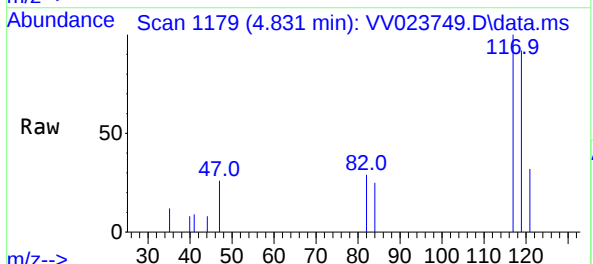
Tgt Ion: 56 Resp: 2600
Ion Ratio Lower Upper
56 100
69 35.6 24.8 37.2
84 102.6 75.9 113.9

Manual Integrations
APPROVED

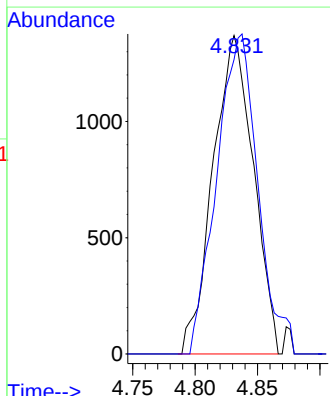
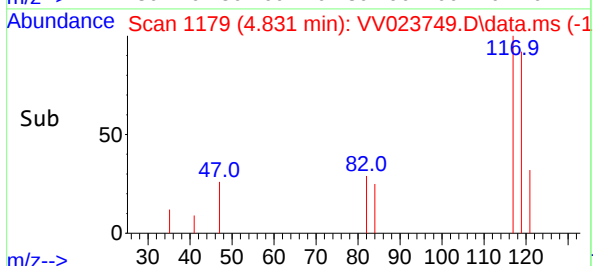
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

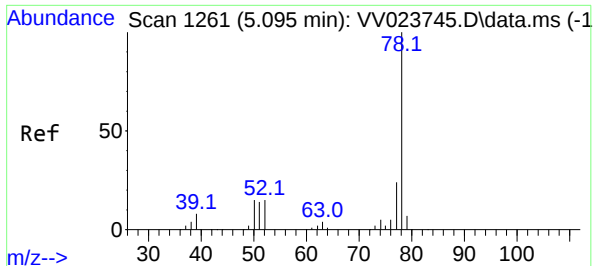


#31
Carbon tetrachloride
Concen: 0.189 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07



Tgt Ion:117 Resp: 3090
Ion Ratio Lower Upper
117 100
119 102.2 76.6 114.8





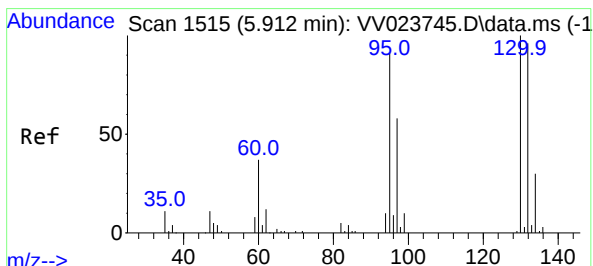
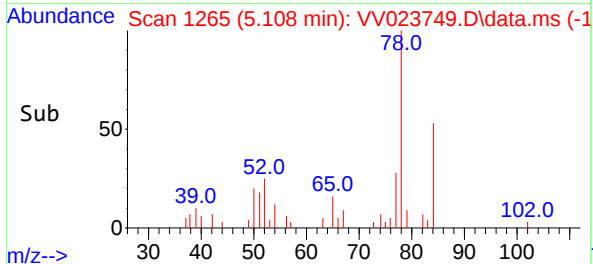
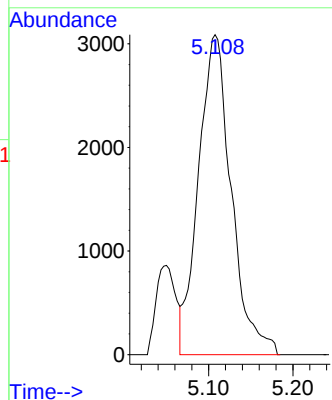
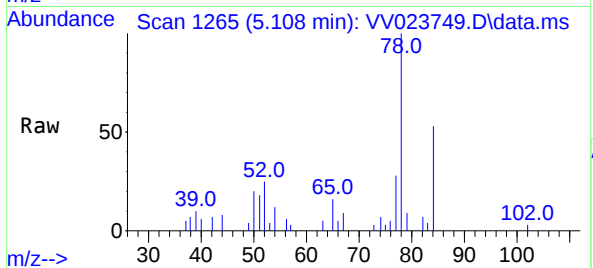
#33
Benzene
Concen: 0.214 ug/L
RT: 5.108 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 78 Resp: 833

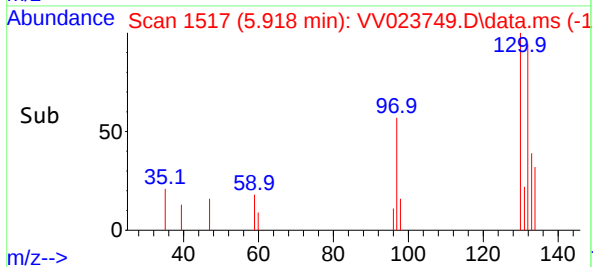
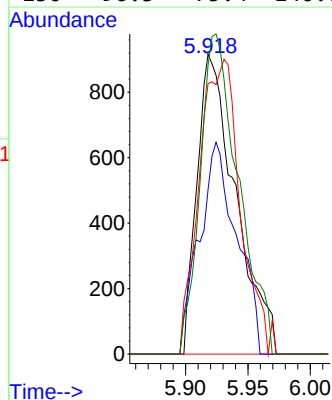
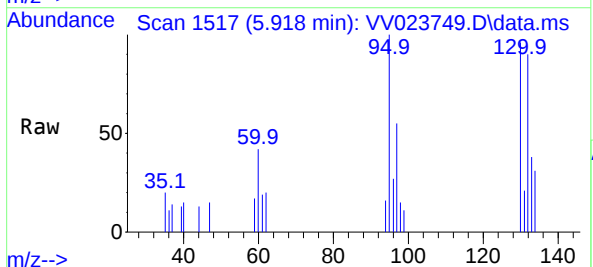
Manual Integrations
APPROVED

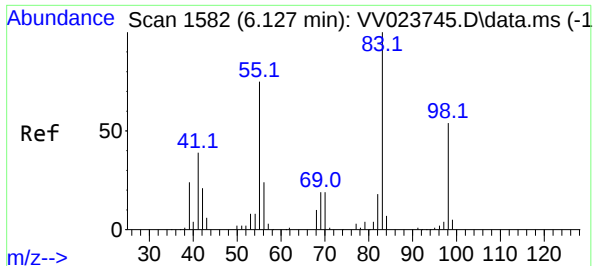
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#34
Trichloroethene
Concen: 0.189 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Tgt Ion: 95 Resp: 1973
Ion Ratio Lower Upper
95 100
97 54.8 45.2 84.0
132 90.2 76.1 141.3
130 96.3 75.4 140.0





#35

Methylcyclohexane

Concen: 0.183 ug/L

RT: 6.130 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV023749.D

Acq: 30 Nov 2021 17:07

Instrument :

MSVOA_V

ClientSampleId :

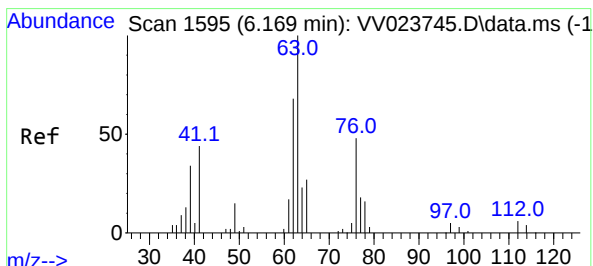
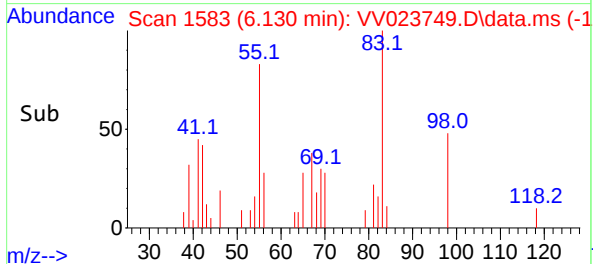
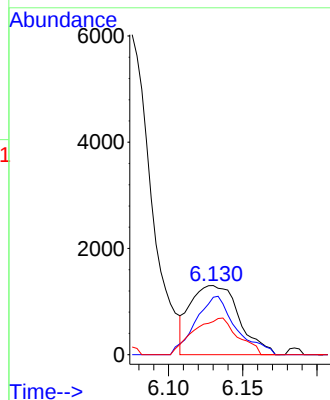
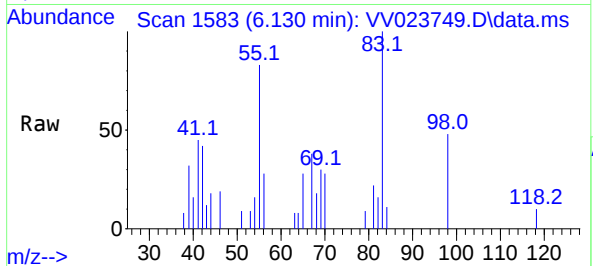
MDL02

Tgt Ion: 83	Resp: 2970
Ion Ratio	Lower Upper
83	100
55	69.4 60.2 90.2
98	47.9 41.0 61.4

Manual Integrations

APPROVED

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



#37

1,2-Dichloropropane

Concen: 0.197 ug/L

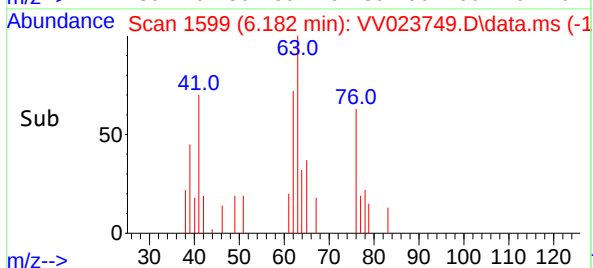
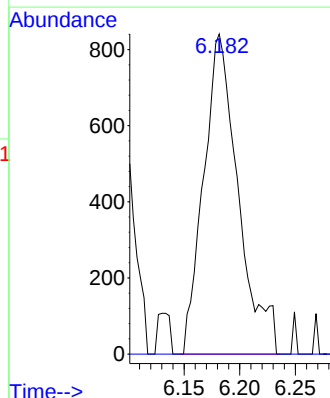
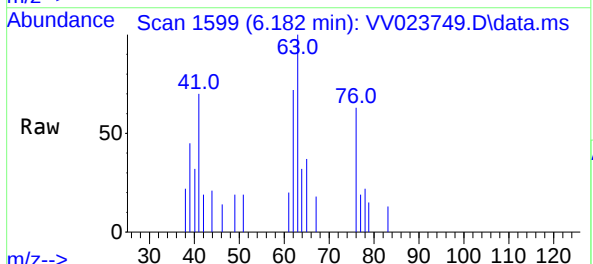
RT: 6.182 min Scan# 1599

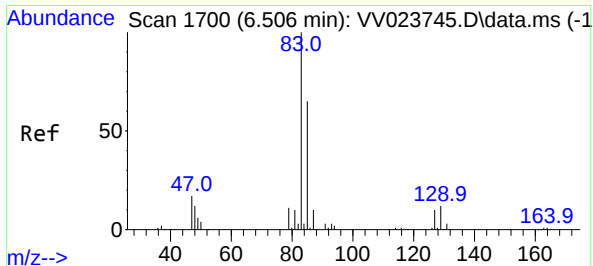
Delta R.T. 0.013 min

Lab File: VV023749.D

Acq: 30 Nov 2021 17:07

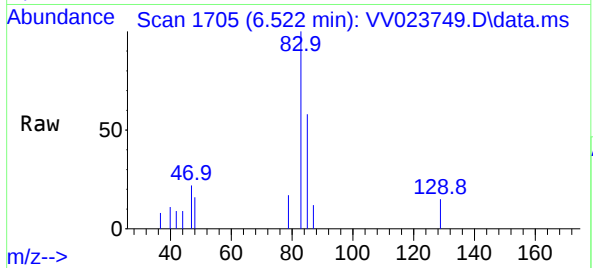
Tgt Ion: 63	Resp: 1821
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#





#38
Bromodichloromethane
Concen: 0.209 ug/L
RT: 6.522 min Scan# 1705
Delta R.T. 0.016 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

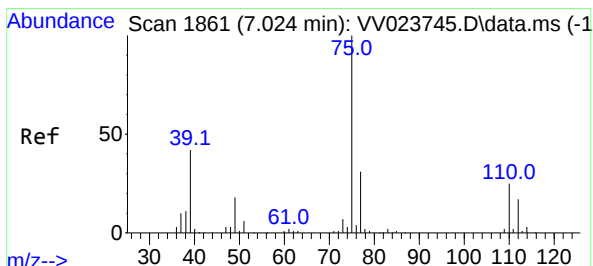
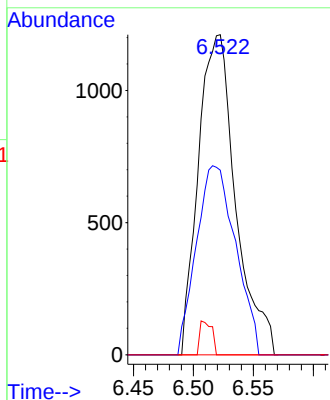
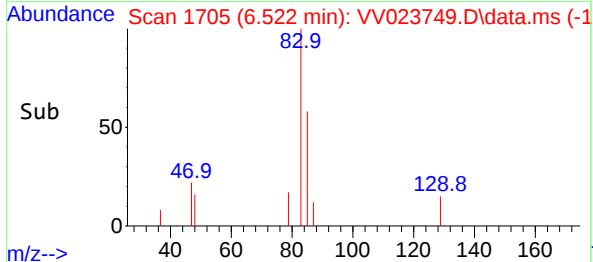
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 83 Resp: 2619
Ion Ratio Lower Upper
83 100
85 57.6 44.0 81.8
127 0.0 8.6 12.8

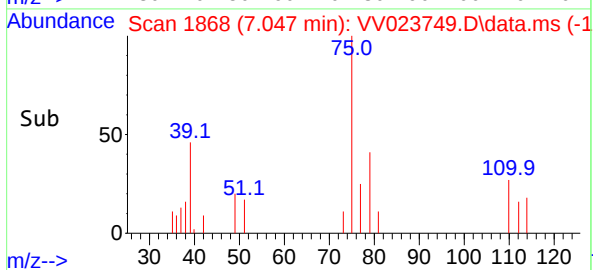
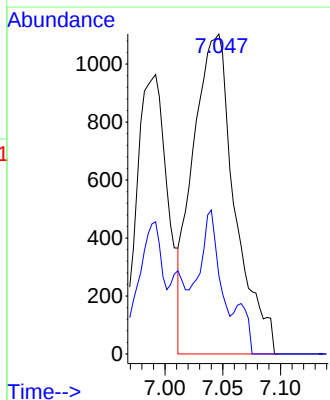
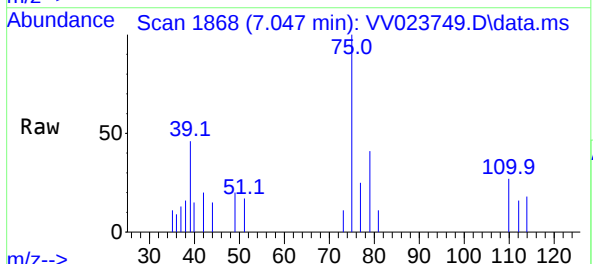
Manual Integrations
APPROVED

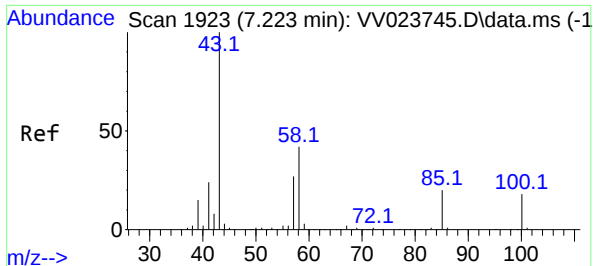
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#39
cis-1,3-Dichloropropene
Concen: 0.212 ug/L
RT: 7.047 min Scan# 1868
Delta R.T. 0.022 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Tgt Ion: 75 Resp: 2791
Ion Ratio Lower Upper
75 100
77 24.5 22.0 41.0





#40

4-Methyl-2-pentanone

Concen: 1.713 ug/L

RT: 7.233 min Scan# 1923

Delta R.T. 0.010 min

Lab File: VV023749.D

Acq: 30 Nov 2021 17:07

Instrument :

MSVOA_V

ClientSampleId :

MDL02

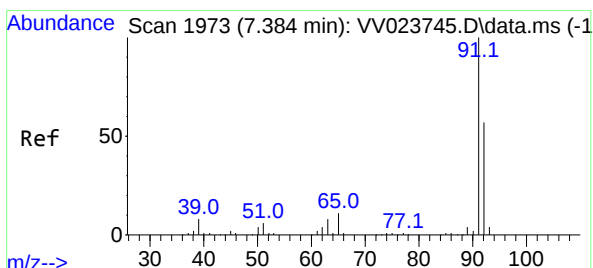
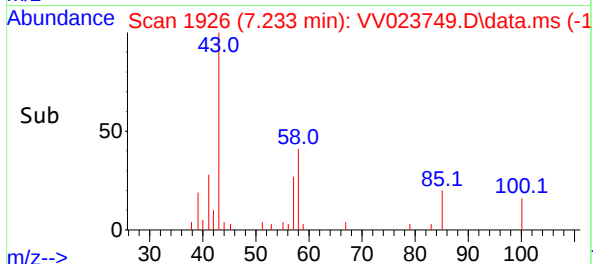
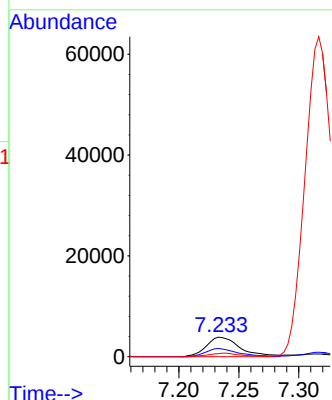
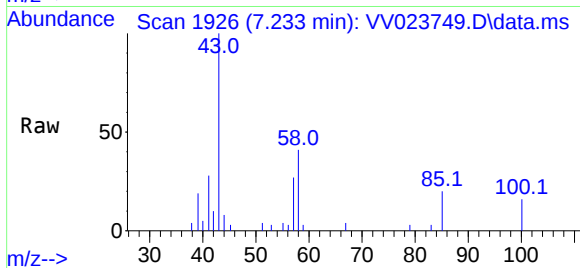
Tgt Ion: 43 Resp: 756
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.3 48.5
 100 0.0 13.0 19.6

Manual Integrations

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Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#42

Toluene

Concen: 0.256 ug/L

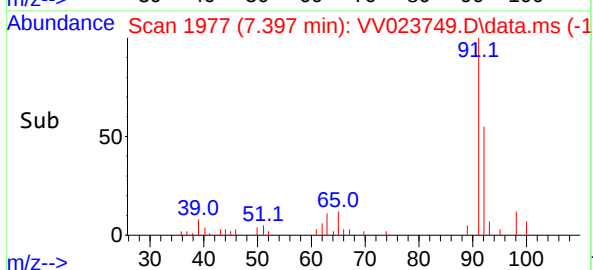
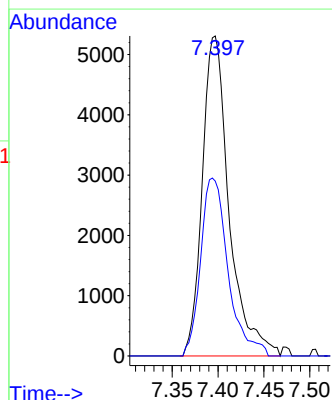
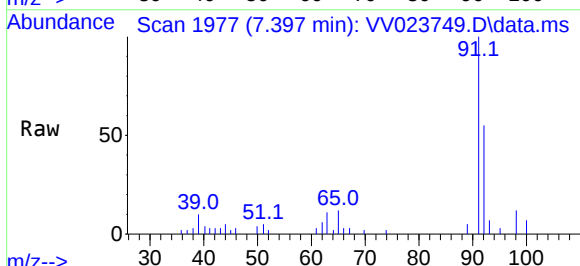
RT: 7.397 min Scan# 1977

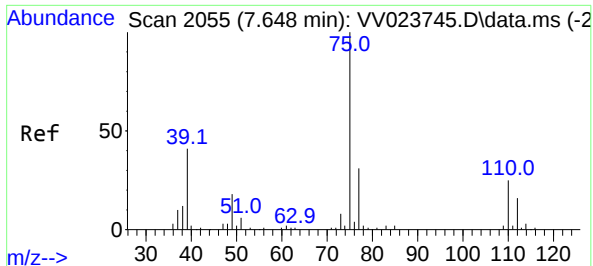
Delta R.T. 0.013 min

Lab File: VV023749.D

Acq: 30 Nov 2021 17:07

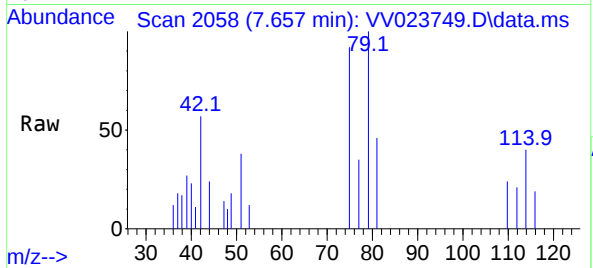
Tgt Ion: 91 Resp: 10804
 Ion Ratio Lower Upper
 91 100
 92 54.7 41.5 77.1





#44
trans-1,3-Dichloropropene
Concen: 0.217 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

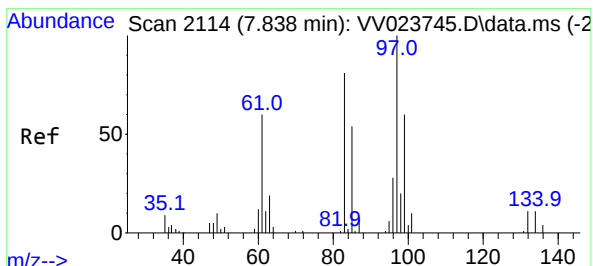
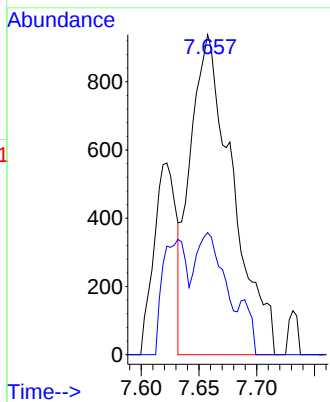
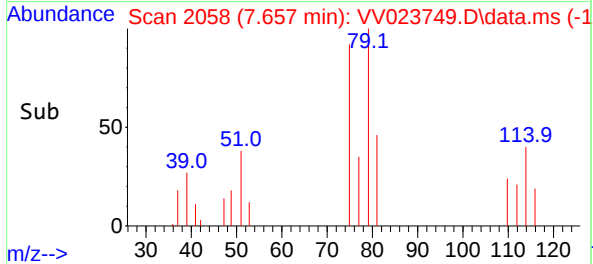
Instrument :
MSVOA_V
ClientSampleId :
MDL02



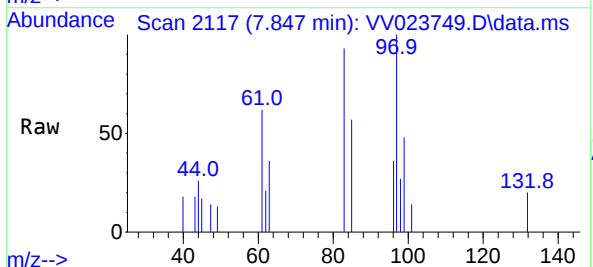
Tgt Ion: 75 Resp: 2390
Ion Ratio Lower Upper
75 100
77 38.2 21.8 40.4

Manual Integrations
APPROVED

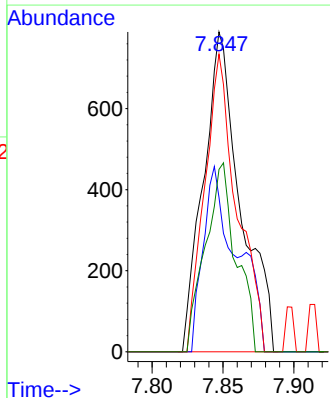
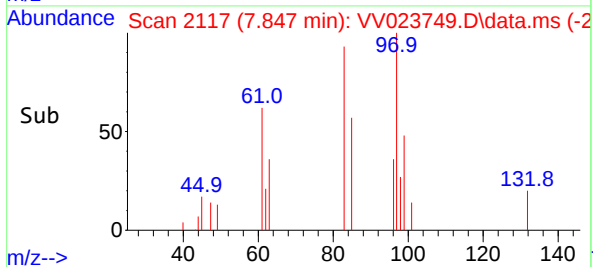
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

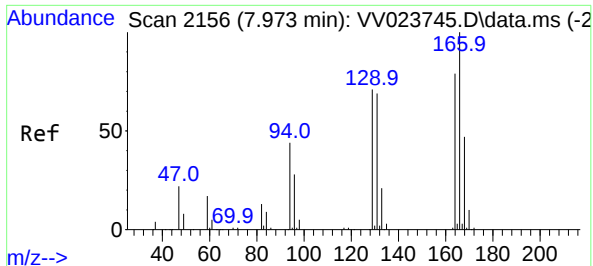


#45
1,1,2-Trichloroethane
Concen: 0.224 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07



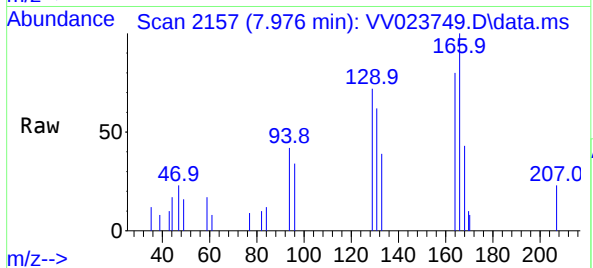
Tgt Ion: 97 Resp: 1434
Ion Ratio Lower Upper
97 100
99 48.3 43.1 80.1
83 93.0 57.9 107.5
85 57.0 38.0 70.6





#47
Tetrachloroethene
Concen: 0.184 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

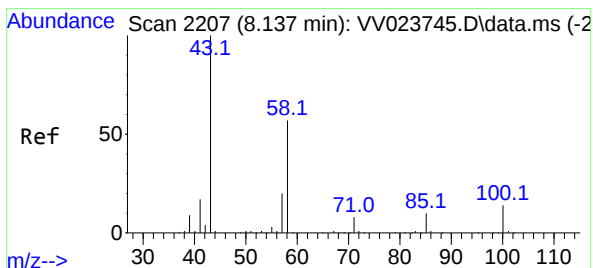
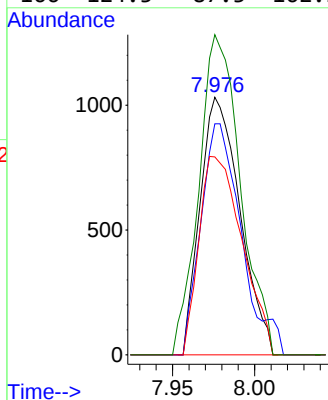
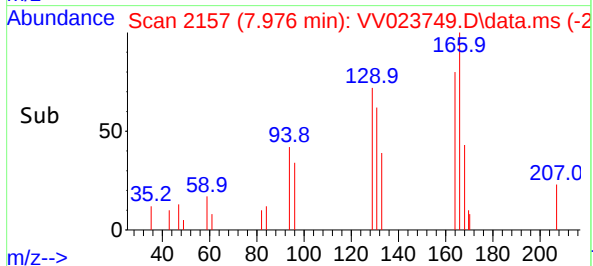
Instrument :
MSVOA_V
ClientSampleId :
MDL02



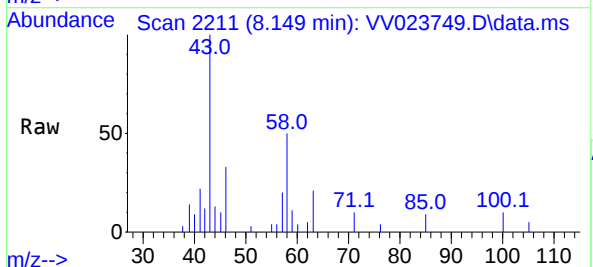
Tgt Ion:164 Resp: 1744
Ion Ratio Lower Upper
164 100
129 89.7 62.6 116.2
131 76.8 61.0 113.4
166 124.3 87.3 162.1

Manual Integrations
APPROVED

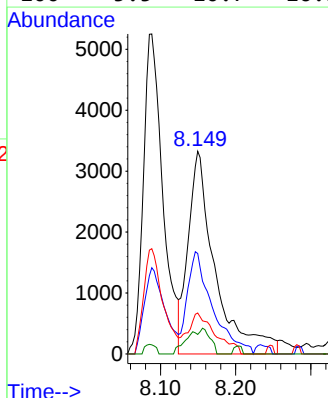
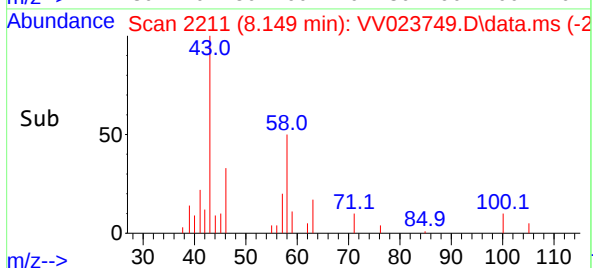
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

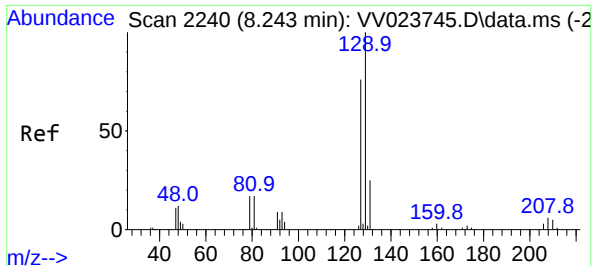


#48
2-Hexanone
Concen: 2.556 ug/L m
RT: 8.149 min Scan# 2211
Delta R.T. 0.013 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07



Tgt Ion: 43 Resp: 8344
Ion Ratio Lower Upper
43 100
58 46.6 44.5 66.7
57 20.6 15.1 22.7
100 5.5 10.7 16.1#





#49

Dibromochloromethane

Concen: 0.187 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023749.D

Acq: 30 Nov 2021 17:07

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion:129 Resp: 164

Ion Ratio Lower Upper

129 100

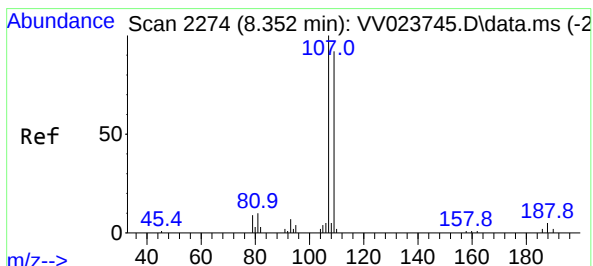
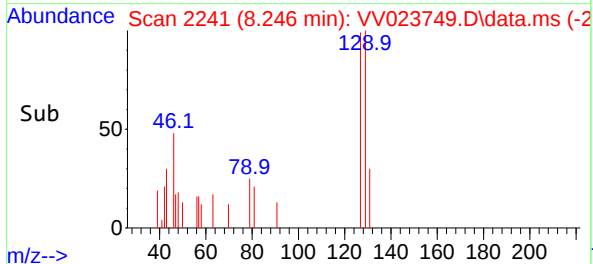
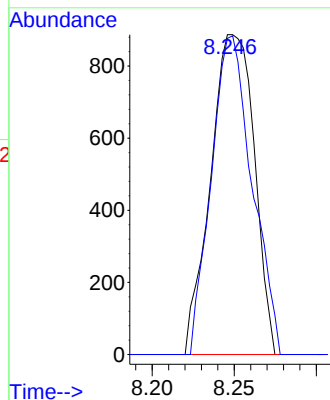
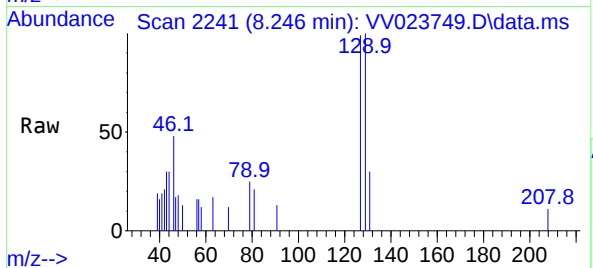
127 98.9 53.5 99.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#50

1,2-Dibromoethane

Concen: 0.200 ug/L

RT: 8.358 min Scan# 2276

Delta R.T. 0.006 min

Lab File: VV023749.D

Acq: 30 Nov 2021 17:07

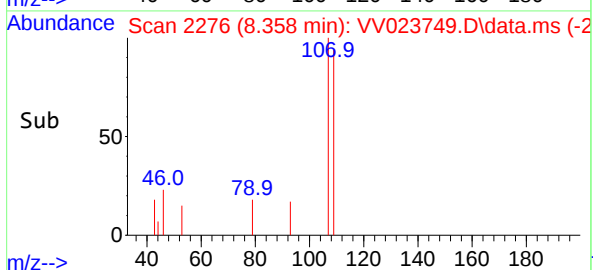
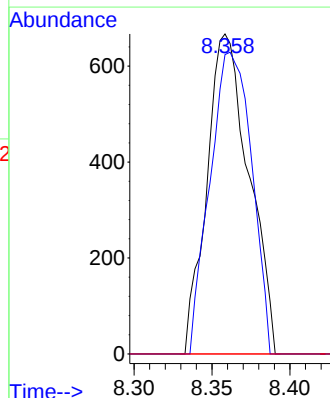
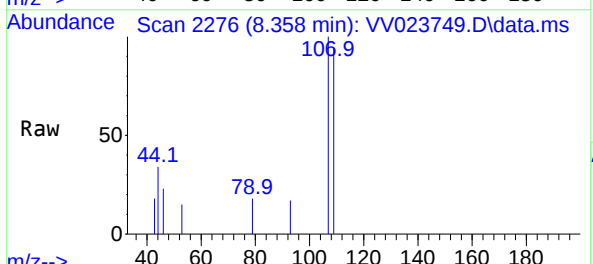
Tgt Ion:107 Resp: 1252

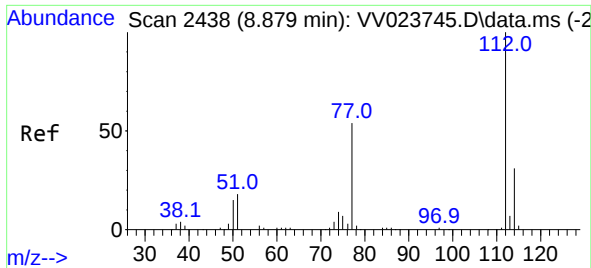
Ion Ratio Lower Upper

107 100

109 93.6 62.5 116.1

188 0.0 3.4 5.2#





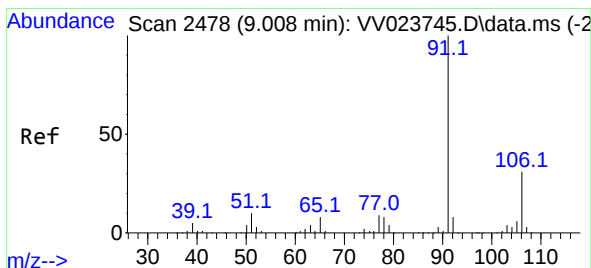
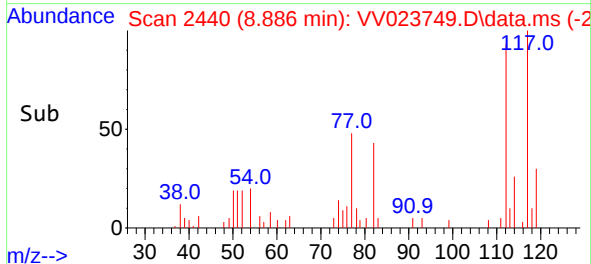
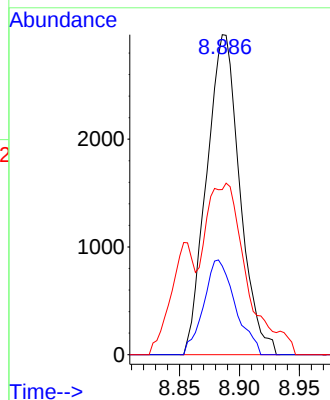
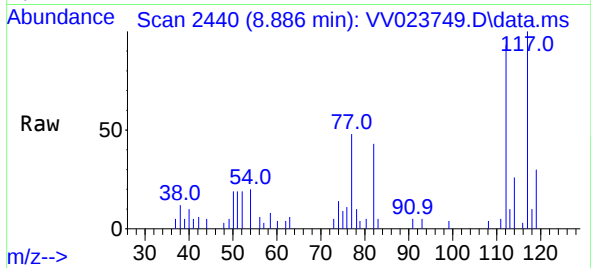
#51
Chlorobenzene
Concen: 0.205 ug/L
RT: 8.886 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:112 Resp: 5724
Ion Ratio Lower Upper
112 100
114 27.7 23.3 43.3
77 51.6 43.3 64.9

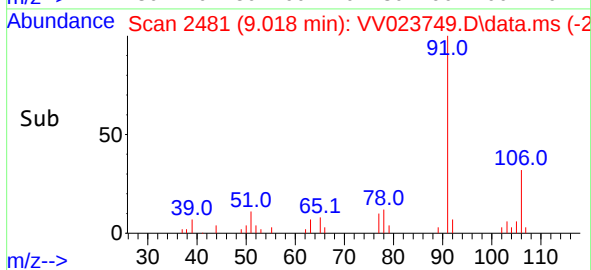
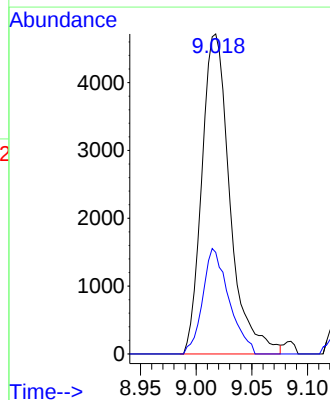
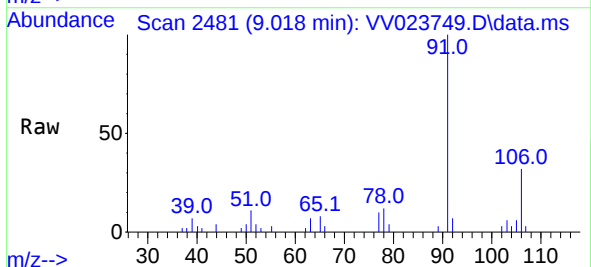
Manual Integrations
APPROVED

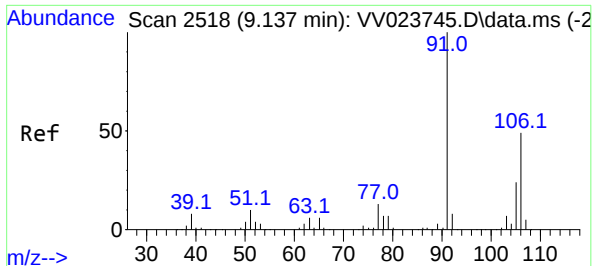
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#52
Ethylbenzene
Concen: 0.188 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.010 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Tgt Ion: 91 Resp: 8277
Ion Ratio Lower Upper
91 100
106 31.8 22.0 41.0





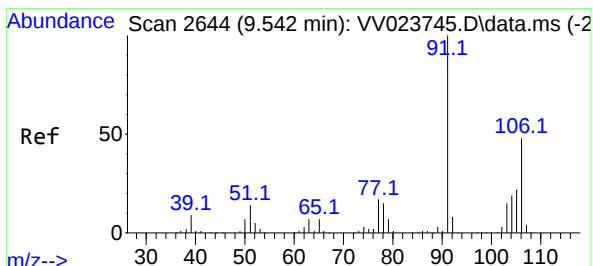
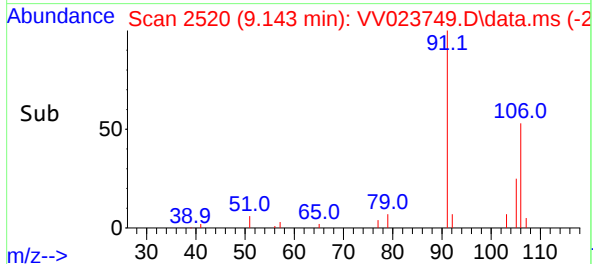
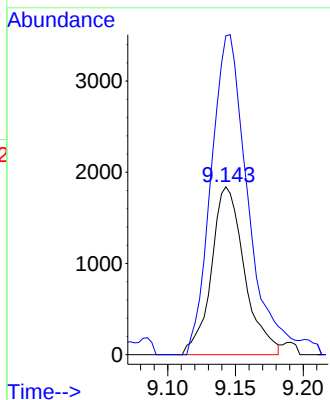
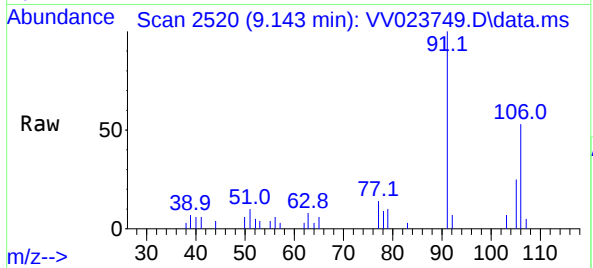
#53
m,p-xylene
Concen: 0.178 ug/L
RT: 9.143 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 3125
Ion Ratio Lower Upper
106 100
91 189.9 139.5 259.1

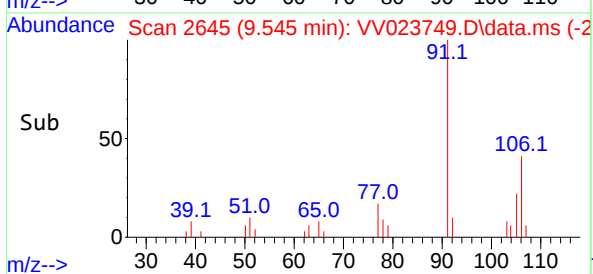
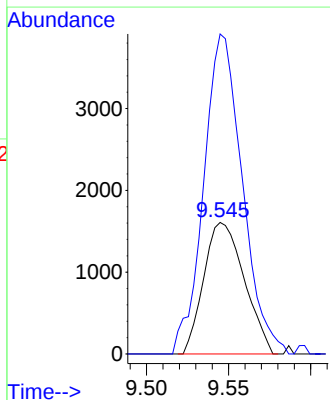
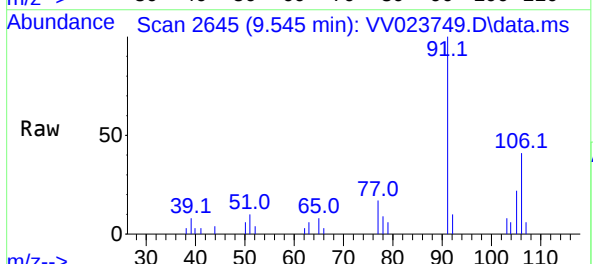
Manual Integrations
APPROVED

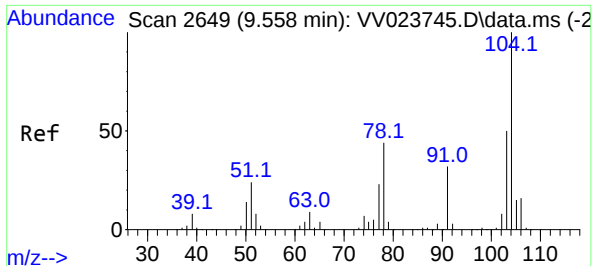
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#54
o-xylene
Concen: 0.165 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Tgt Ion:106 Resp: 2756
Ion Ratio Lower Upper
106 100
91 243.1 147.9 274.7





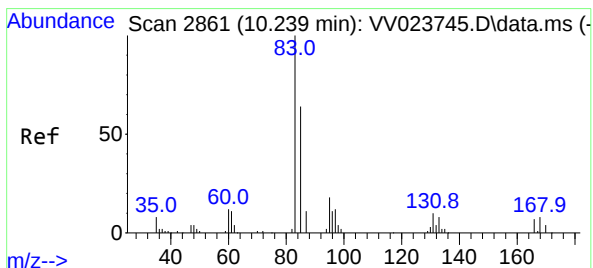
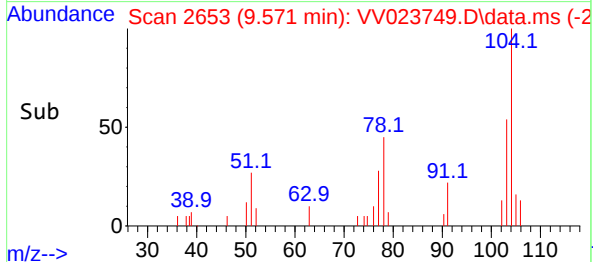
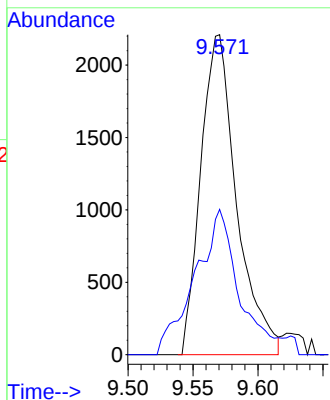
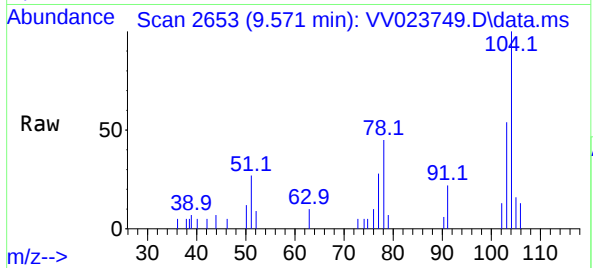
#55
Styrene
Concen: 0.151 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.013 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:104 Resp: 4248
Ion Ratio Lower Upper
104 100
78 45.4 31.0 57.6

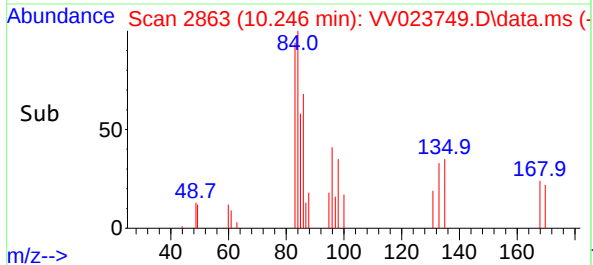
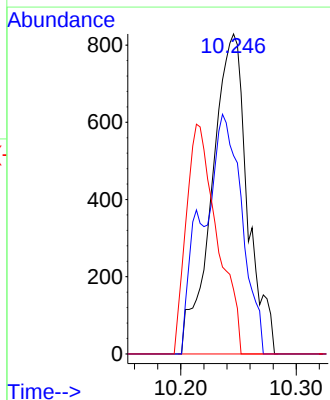
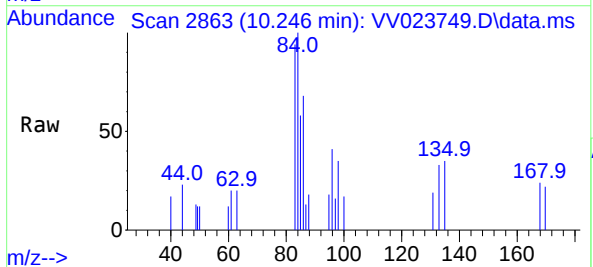
Manual Integrations
APPROVED

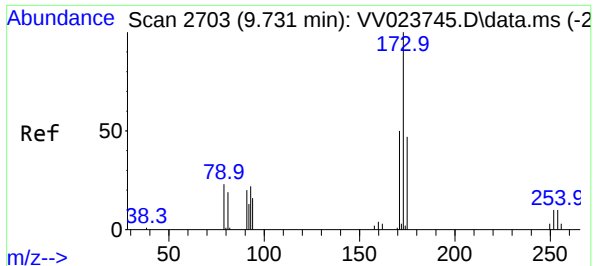
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#57
1,1,2,2-Tetrachloroethane
Concen: 0.249 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.006 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Tgt Ion: 83 Resp: 1774
Ion Ratio Lower Upper
83 100
85 62.0 44.6 82.8
131 20.1 8.3 12.5





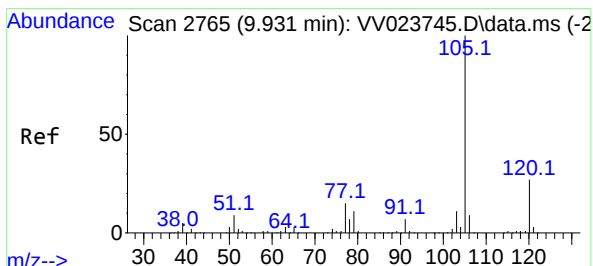
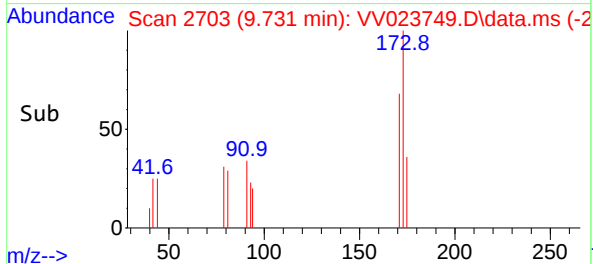
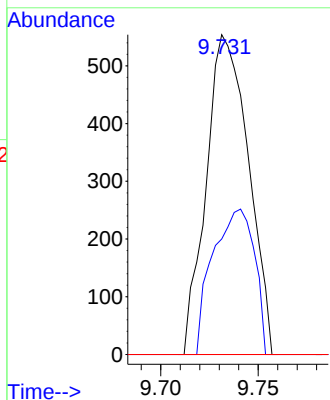
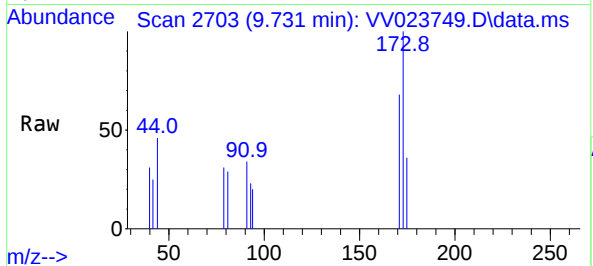
#59
Bromoform
Concen: 0.187 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:173 Resp: 835
Ion Ratio Lower Upper
173 100
175 44.8 39.4 59.2
254 0.0 7.4 11.0

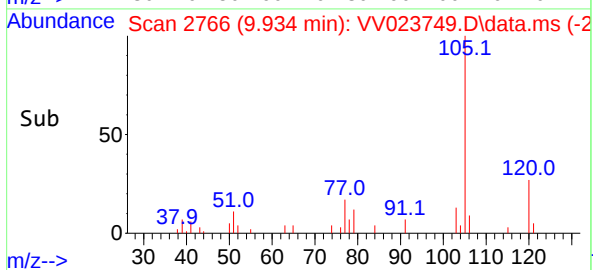
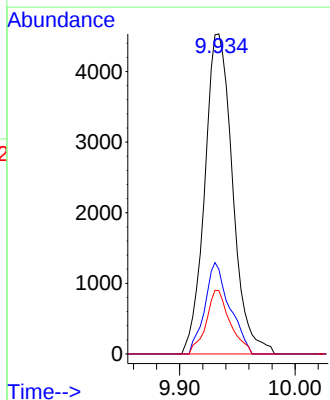
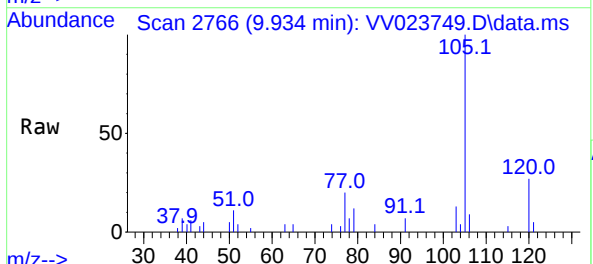
Manual Integrations
APPROVED

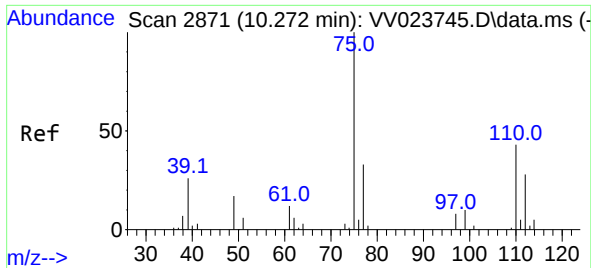
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#60
Isopropylbenzene
Concen: 0.188 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Tgt Ion:105 Resp: 7605
Ion Ratio Lower Upper
105 100
120 25.4 21.4 32.0
77 17.1 12.2 18.4





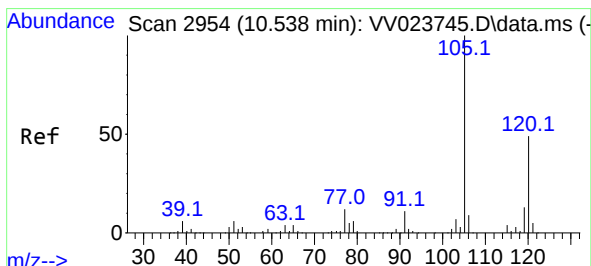
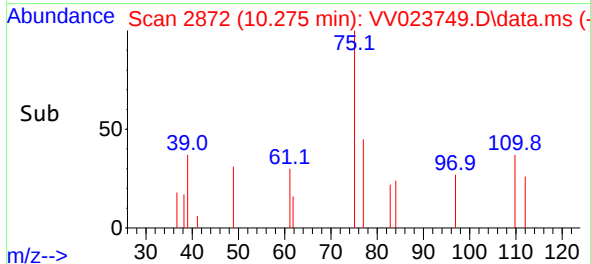
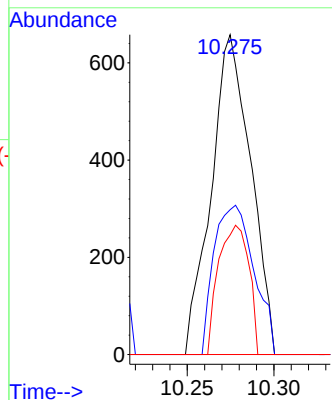
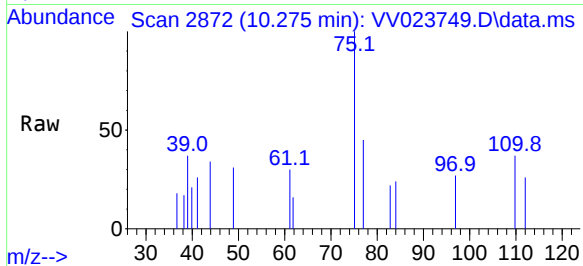
#61
1,2,3-Trichloropropane
Concen: 0.218 ug/L
RT: 10.275 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 1049
Ion Ratio Lower Upper
75 100
77 47.1 26.4 39.6
110 30.9 34.2 51.2

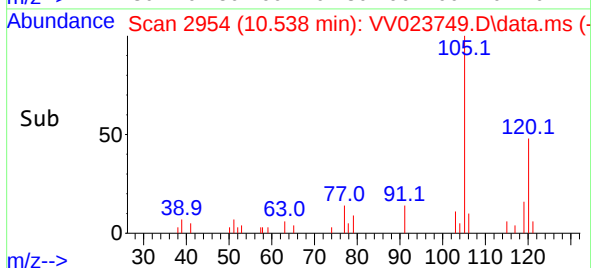
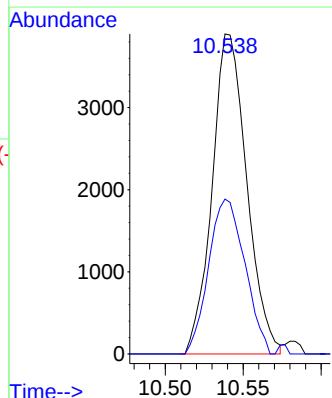
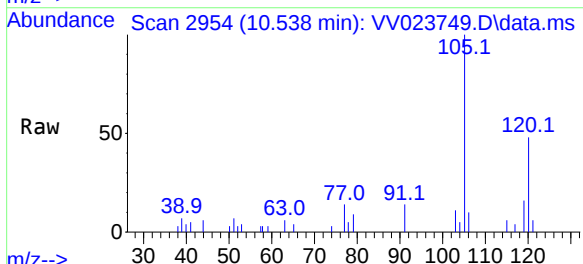
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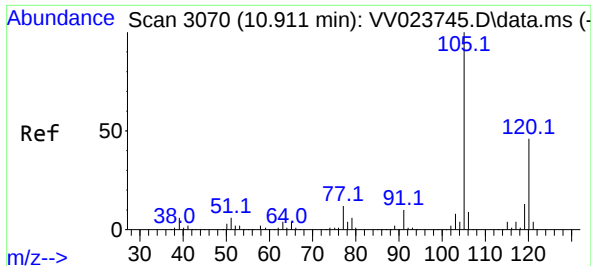
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#62
1,3,5-Trimethylbenzene
Concen: 0.179 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Tgt Ion:105 Resp: 6028
Ion Ratio Lower Upper
105 100
120 50.5 40.1 60.1





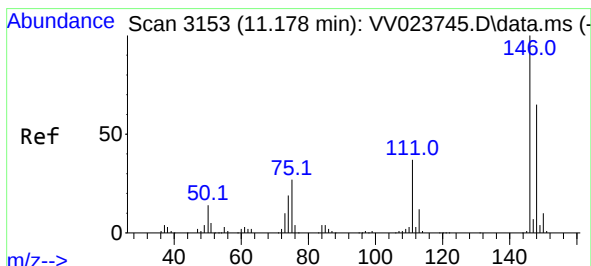
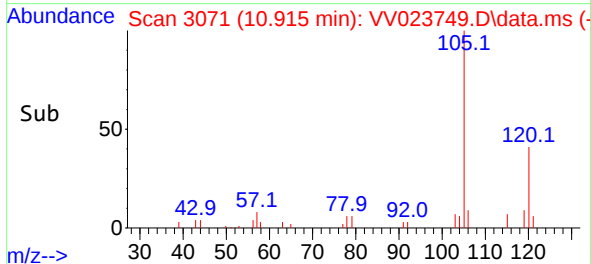
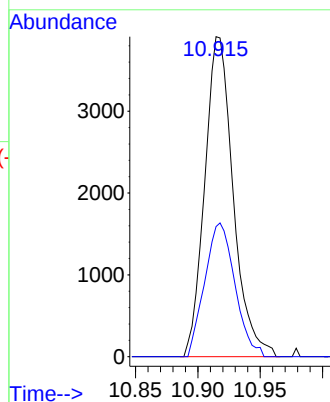
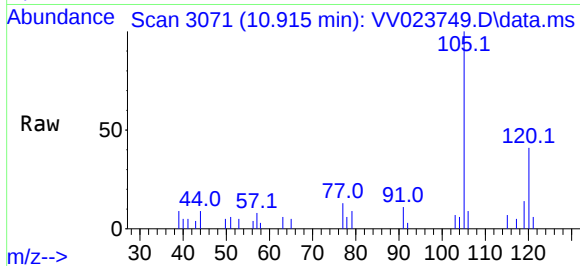
#63
1,2,4-Trimethylbenzene
Concen: 0.187 ug/L
RT: 10.915 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 6224
Ion Ratio Lower Upper
105 100
120 44.2 36.7 55.1

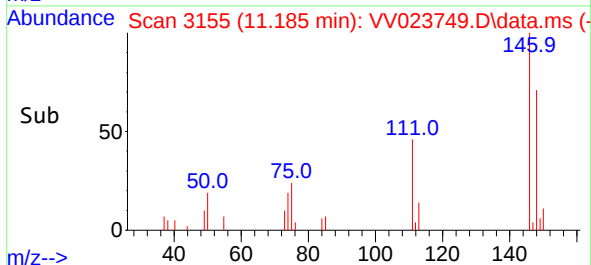
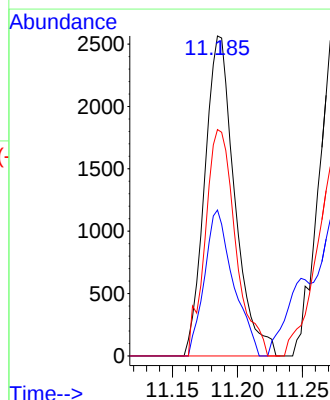
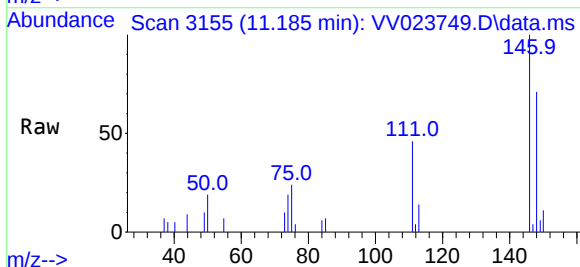
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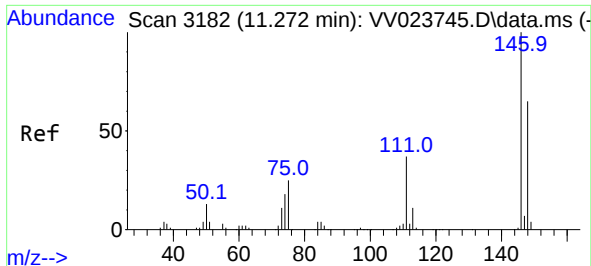
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#64
1,3-Dichlorobenzene
Concen: 0.199 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

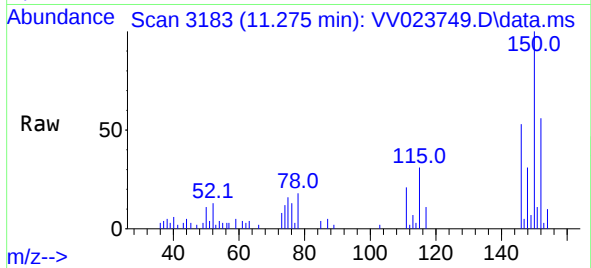
Tgt Ion:146 Resp: 4120
Ion Ratio Lower Upper
146 100
111 45.6 26.3 48.9
148 70.8 44.4 82.5





#65
1,4-Dichlorobenzene
Concen: 0.207 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

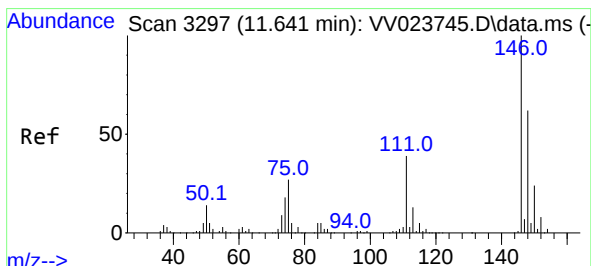
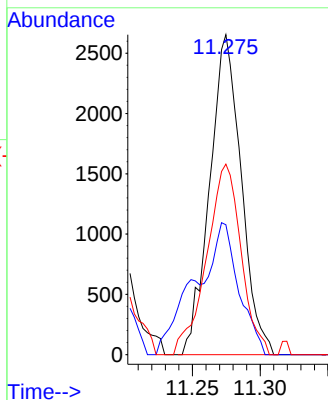
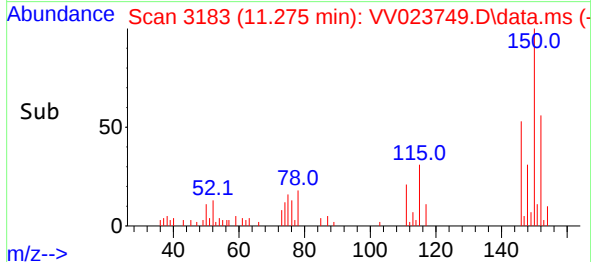
Instrument :
MSVOA_V
ClientSampleId :
MDL02



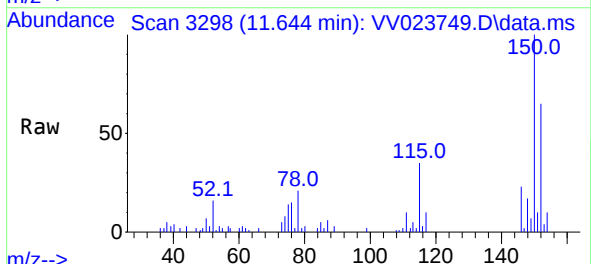
Tgt Ion:146 Resp: 4289
Ion Ratio Lower Upper
146 100
111 40.6 25.6 47.6
148 59.6 44.8 83.2

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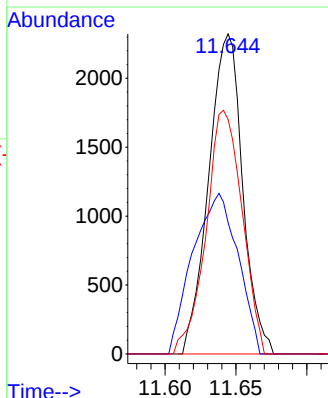
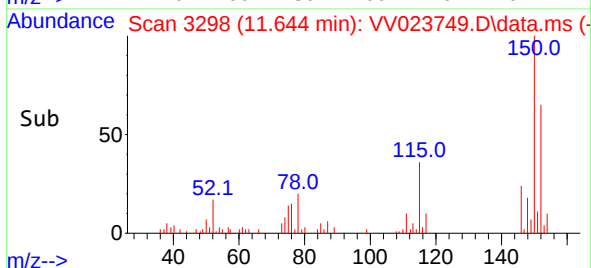
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

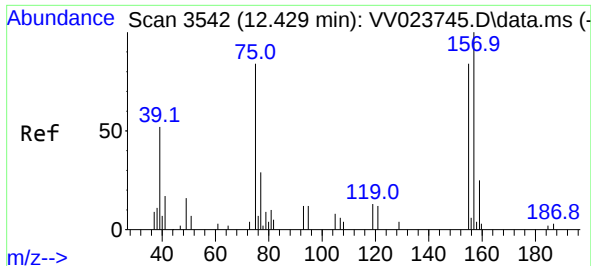


#67
1,2-Dichlorobenzene
Concen: 0.205 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07



Tgt Ion:146 Resp: 3866
Ion Ratio Lower Upper
146 100
111 41.0 31.9 47.9
148 73.3 50.5 75.7





#68

1,2-Dibromo-3-chloropropane

Concen: 0.241 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VV023749.D

Acq: 30 Nov 2021 17:07

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 75 Resp: 230

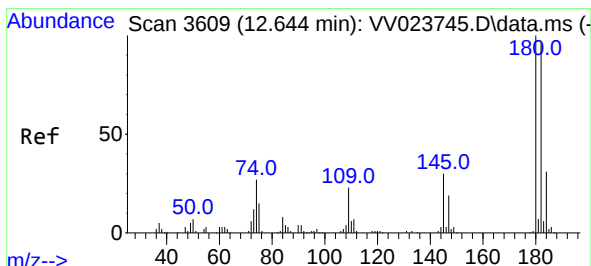
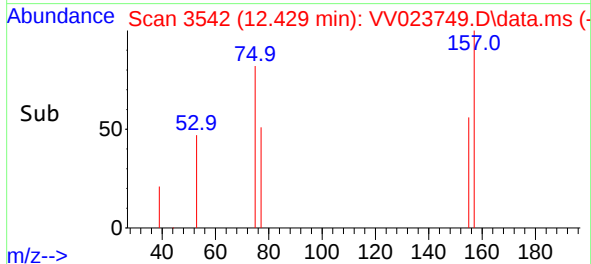
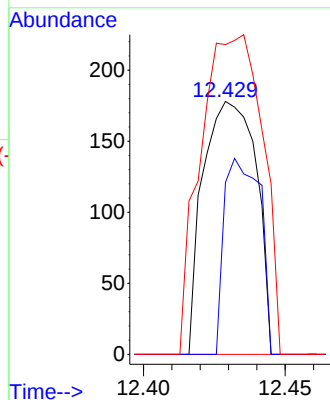
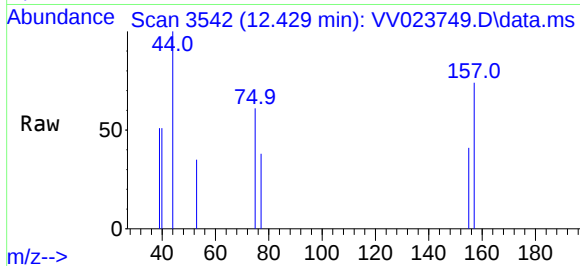
Ion	Ratio	Lower	Upper
75	100		
155	68.0	71.7	107.5
157	122.5	103.3	154.9

Manual Integrations

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Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#69

1,3,5-Trichlorobenzene

Concen: 0.209 ug/L

RT: 12.648 min Scan# 3610

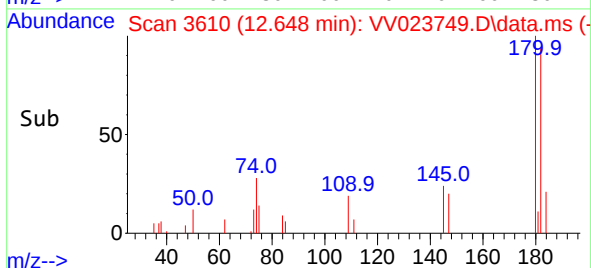
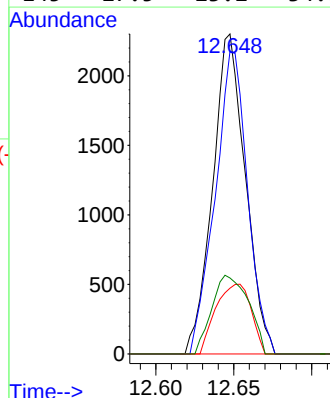
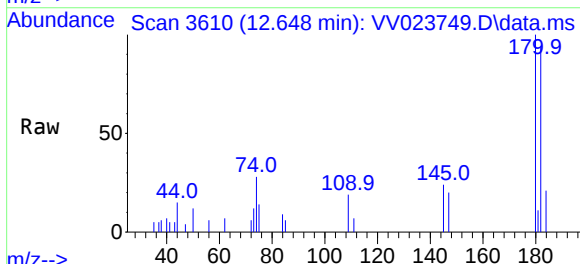
Delta R.T. 0.003 min

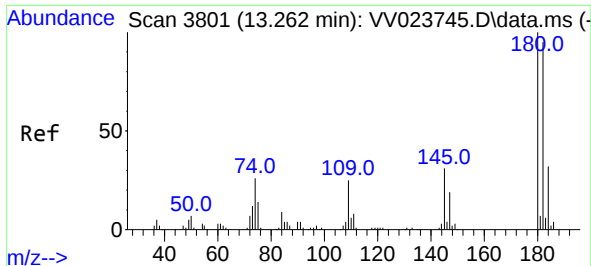
Lab File: VV023749.D

Acq: 30 Nov 2021 17:07

Tgt Ion:180 Resp: 3366

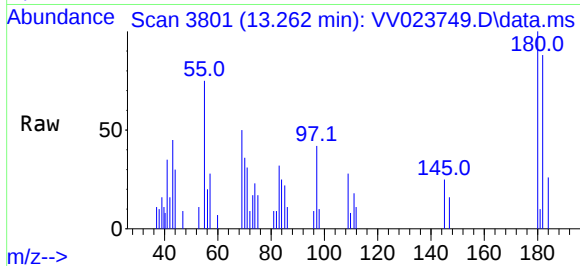
Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.4	114.6
184	23.4	24.2	36.4
145	27.5	23.2	34.8





#70
1,2,4-trichlorobenzene
Concen: 0.193 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

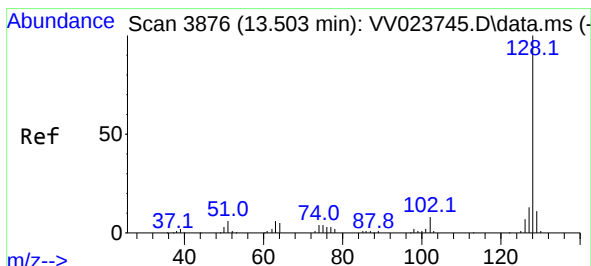
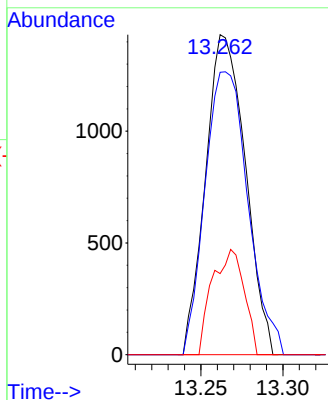
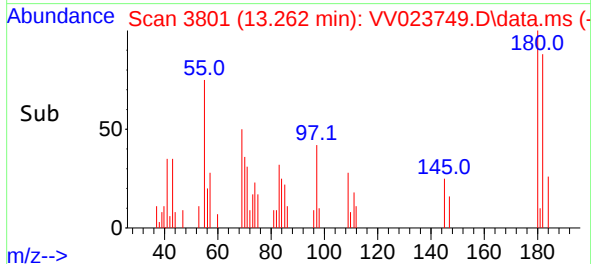
Instrument :
MSVOA_V
ClientSampleId :
MDL02



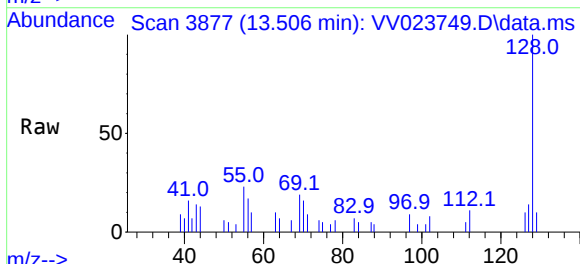
Tgt Ion:180 Resp: 2410
Ion Ratio Lower Upper
180 100
182 95.4 74.4 111.6
145 26.3 23.3 34.9

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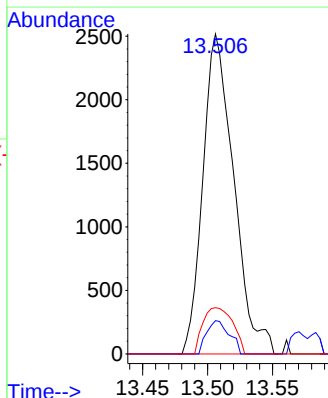
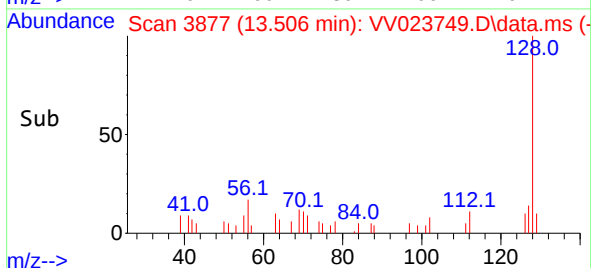
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

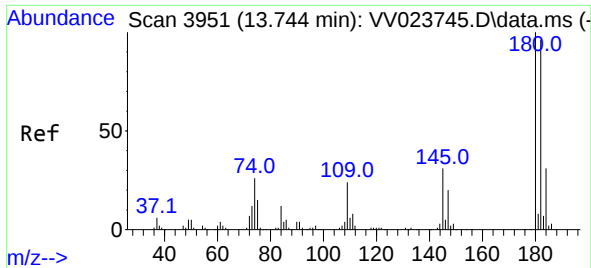


#71
Naphthalene
Concen: 0.247 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07



Tgt Ion:128 Resp: 4162
Ion Ratio Lower Upper
128 100
129 7.6 9.0 13.4#
127 13.9 10.2 15.4





#72
1,2,3-Trichlorobenzene
Concen: 0.233 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.006 min
Lab File: VV023749.D
Acq: 30 Nov 2021 17:07

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:180 Resp: 2528
Ion Ratio Lower Upper
180 100
182 83.7 76.8 115.2
145 28.9 25.8 38.6

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

