

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010822\
 Data File : VW024314.D
 Acq On : 08 Jan 2022 13:25
 Operator : SY/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/10/2022

Quant Time: Jan 10 02:11:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 01:53:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	98121	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31457	3.947	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.568	69	27578	4.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.108	63	49714	3.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	3.918	46	51093m	49.321	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.640%
24) Chloroform-d	4.349	84	69228	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.034	65	34367	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.050	84	128968	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.069	67	35939	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.313	98	119987	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.625	79	14480	4.271	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.091	63	46355	43.759	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24387	4.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	49279	5.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2469	0.200	ug/L	98
3) Chloromethane	1.240	50	1722	0.209	ug/L	90
5) Vinyl chloride	1.310	62	2091	0.230	ug/L #	61
6) Bromomethane	1.523	94	1327	0.221	ug/L	95
8) Chloroethane	1.584	64	1622	0.284	ug/L	98
9) Trichlorofluoromethane	1.754	101	3559	0.198	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	2498	0.275	ug/L	89
12) 1,1-Dichloroethene	2.121	96	1882	0.243	ug/L #	1
13) Acetone	2.220	43	2667m	2.677	ug/L	
14) Carbon disulfide	2.297	76	4081	0.224	ug/L #	95
15) Methyl Acetate	2.465	43	615m	0.294	ug/L	
16) Methylene chloride	2.510	84	2601	0.219	ug/L	89
17) Methyl tert-butyl Ether	2.767	73	3548	0.191	ug/L	96
18) trans-1,2-Dichloroethene	2.770	96	1794	0.217	ug/L	95
19) 1,1-Dichloroethane	3.191	63	3105	0.212	ug/L	96
21) 2-Butanone	4.024	43	3548m	2.627	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	1909	0.211	ug/L	86
23) Bromochloromethane	4.259	128	765m	0.190	ug/L	
25) Chloroform	4.371	83	4922	0.281	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	2045	0.211	ug/L #	73
29) 1,1,1-Trichloroethane	4.606	97	3356	0.193	ug/L	97
30) Cyclohexane	4.674	56	2289	0.209	ug/L	93
31) Carbon tetrachloride	4.834	117	3129	0.197	ug/L	99
33) Benzene	5.104	78	7155	0.214	ug/L	100
34) Trichloroethene	5.924	95	2186	0.233	ug/L	86
35) Methylcyclohexane	6.130	83	2899	0.222	ug/L #	84
37) 1,2-Dichloropropane	6.182	63	1809	0.233	ug/L #	84
38) Bromodichloromethane	6.516	83	2313	0.189	ug/L #	91
39) cis-1,3-Dichloropropene	7.034	75	2546	0.215	ug/L	89
40) 4-Methyl-2-pentanone	7.233	43	6343	1.594	ug/L #	89
42) Toluene	7.394	91	9176	0.238	ug/L	85
44) trans-1,3-Dichloropropene	7.664	75	2285m	0.214	ug/L	
45) 1,1,2-Trichloroethane	7.844	97	1146	0.181	ug/L	89
47) Tetrachloroethene	7.979	164	1732	0.198	ug/L	86
48) 2-Hexanone	8.146	43	12561m	4.279	ug/L	
49) Dibromochloromethane	8.243	129	2027	0.233	ug/L	97
50) 1,2-Dibromoethane	8.361	107	1134	0.198	ug/L #	87
51) Chlorobenzene	8.886	112	5303	0.199	ug/L	98
52) Ethylbenzene	9.017	91	7999	0.189	ug/L	94
53) m,p-xylene	9.146	106	3217	0.190	ug/L	81
54) o-xylene	9.545	106	3194	0.193	ug/L	85
55) Styrene	9.567	104	4704	0.168	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	1524	0.237	ug/L #	89
59) Bromoform	9.734	173	992	0.216	ug/L #	89
60) Isopropylbenzene	9.934	105	7777	0.192	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	1086	0.244	ug/L	90
62) 1,3,5-Trimethylbenzene	10.538	105	6523	0.188	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	6305	0.178	ug/L	93
64) 1,3-Dichlorobenzene	11.185	146	4614	0.214	ug/L	93
65) 1,4-Dichlorobenzene	11.271	146	4758	0.222	ug/L	92
67) 1,2-Dichlorobenzene	11.644	146	4552	0.234	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.435	75	46	0.047	ug/L #	57
69) 1,3,5-Trichlorobenzene	12.647	180	3906	0.219	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	2802	0.200	ug/L	97
71) Naphthalene	13.506	128	3812	0.195	ug/L	96
72) 1,2,3-Trichlorobenzene	13.747	180	2398	0.199	ug/L	92

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

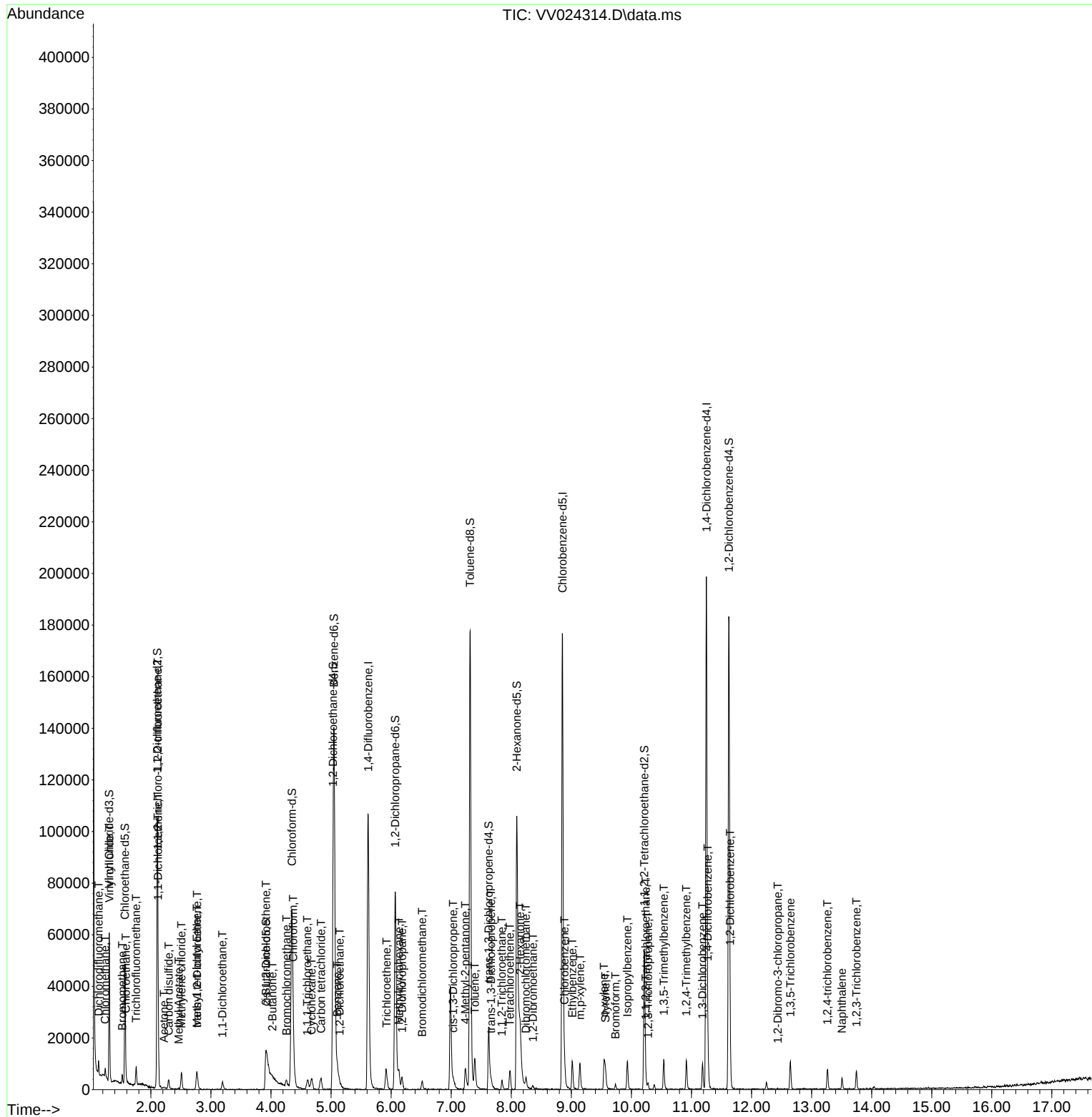
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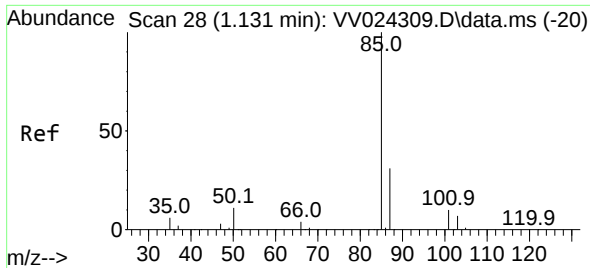
Instrument :
MSVOA_V
ClientSampleId :
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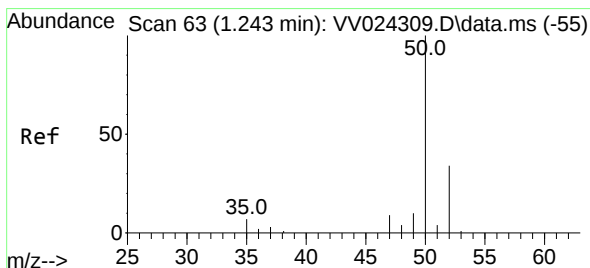
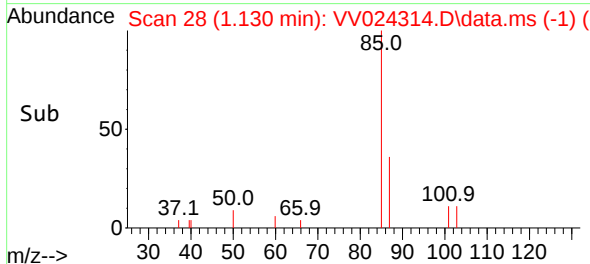
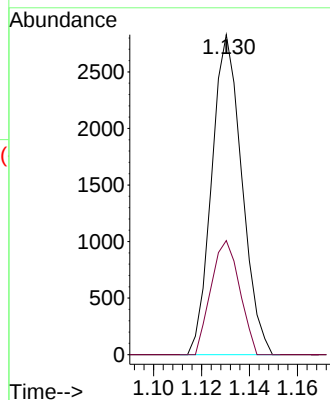
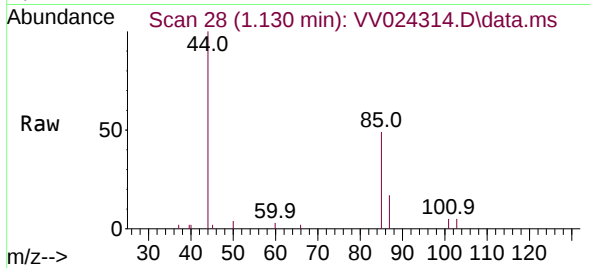
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 Dichlorodifluoromethane
 Concen: 0.200 ug/L
 RT: 1.130 min Scan# 2469
 Delta R.T. -0.000 min
 Lab File: VV024314.D
 Acq: 08 Jan 2022 13:25

Instrument : MSVOA_V
 ClientSampleId : MDL04

Tgt Ion: 85 Resp: 2469
 Ion Ratio Lower Upper
 85 100
 87 33.7 26.0 39.0

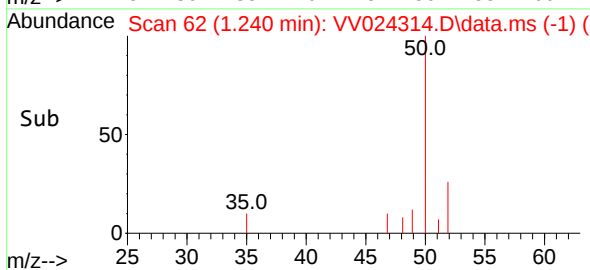
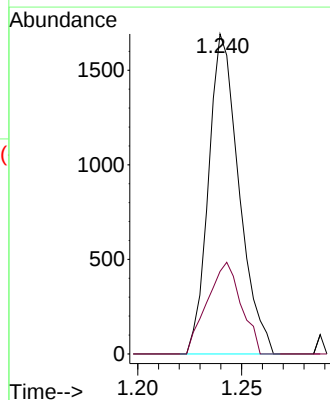
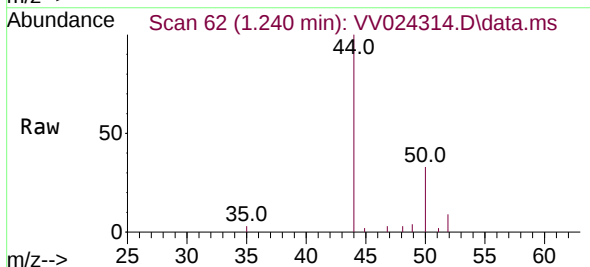
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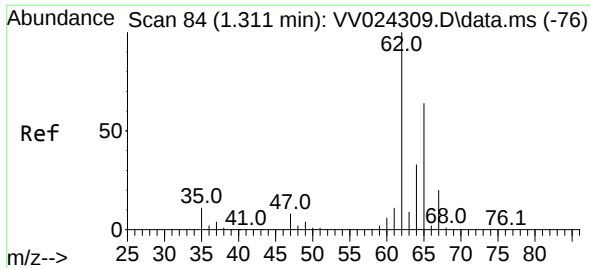
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/10/2022



#3
 Chloromethane
 Concen: 0.209 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024314.D
 Acq: 08 Jan 2022 13:25

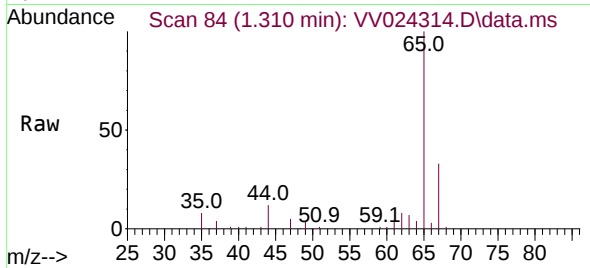
Tgt Ion: 50 Resp: 1722
 Ion Ratio Lower Upper
 50 100
 52 25.8 22.0 41.0





#5
 Vinyl chloride
 Concen: 0.230 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024314.D
 Acq: 08 Jan 2022 13:25

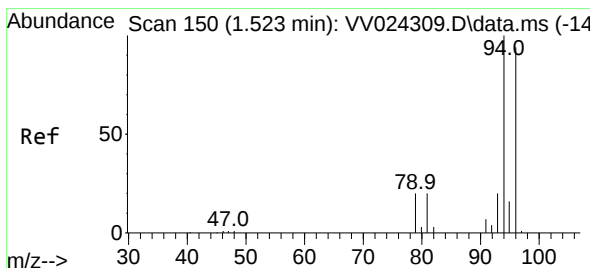
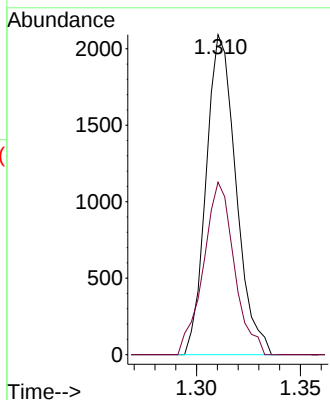
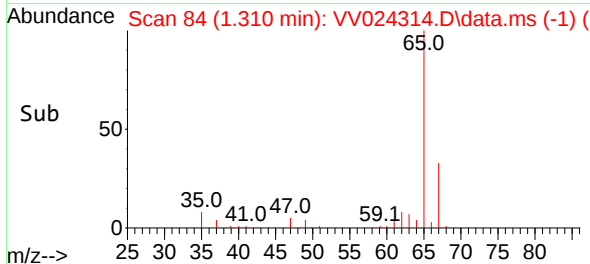
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



Tgt Ion: 62 Resp: 209
 Ion Ratio Lower Upper
 62 100
 64 53.9 22.4 41.6

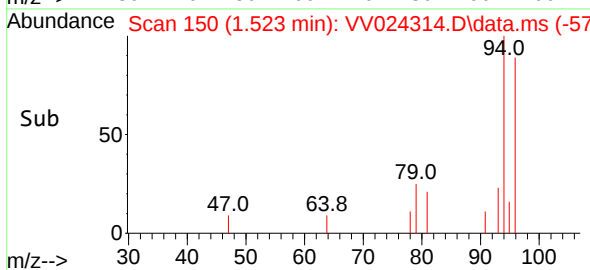
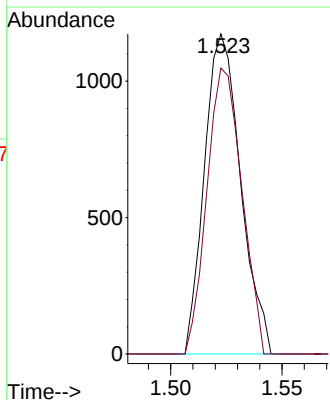
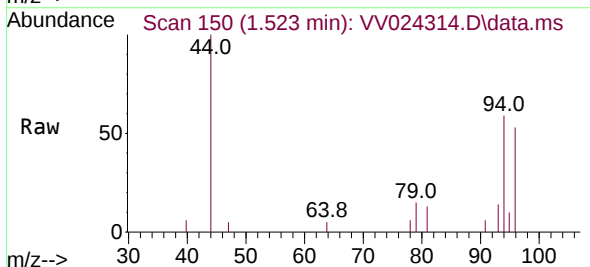
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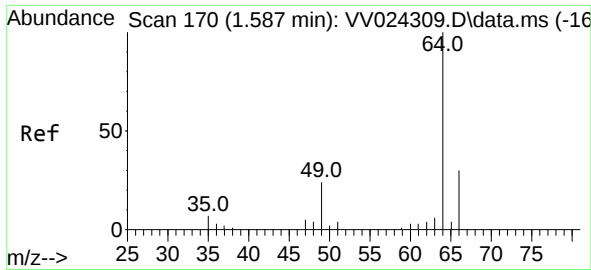
Reviewed By :John Carlone 01/10/2022
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#6
 Bromomethane
 Concen: 0.221 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024314.D
 Acq: 08 Jan 2022 13:25

Tgt Ion: 94 Resp: 1327
 Ion Ratio Lower Upper
 94 100
 96 89.3 66.2 123.0





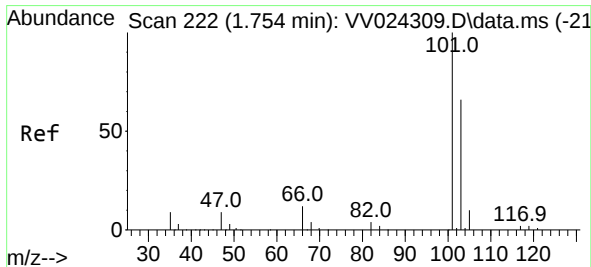
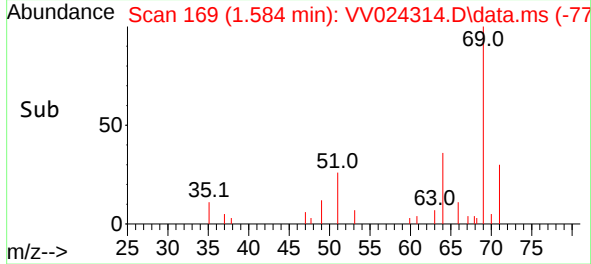
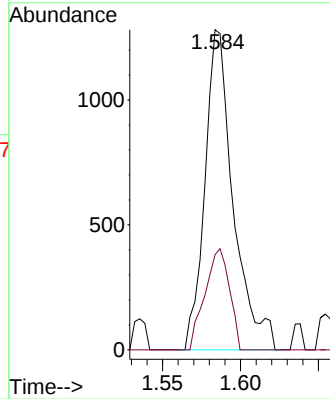
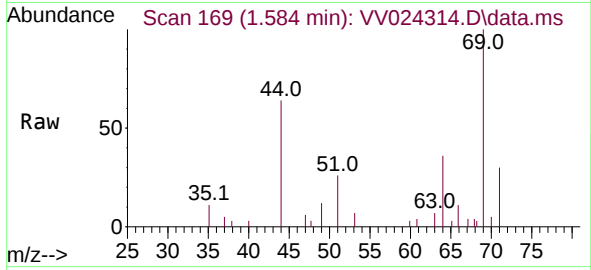
#8
Chloroethane
Concen: 0.284 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 64 Resp: 162
Ion Ratio Lower Upper
64 100
66 29.7 21.4 39.8

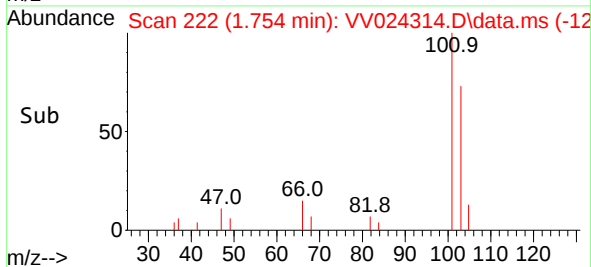
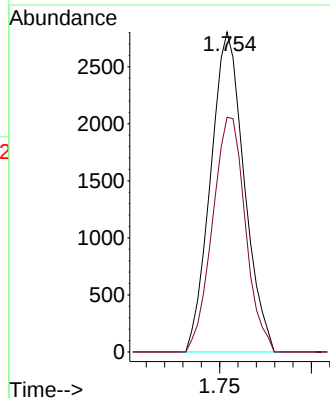
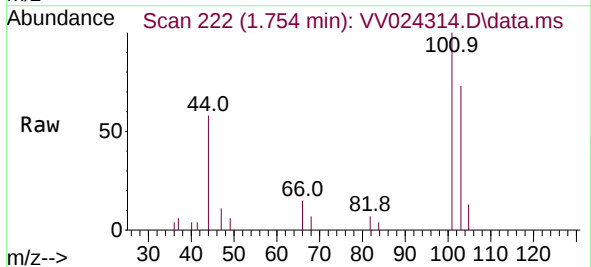
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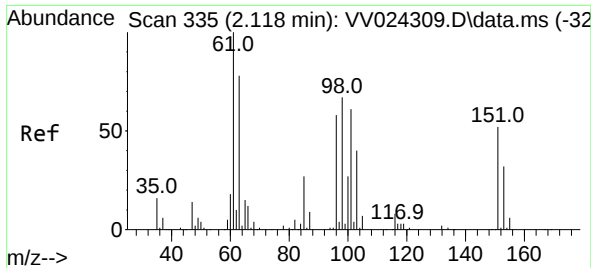
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#9
Trichlorofluoromethane
Concen: 0.198 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

Tgt Ion:101 Resp: 3559
Ion Ratio Lower Upper
101 100
103 71.9 51.6 77.4





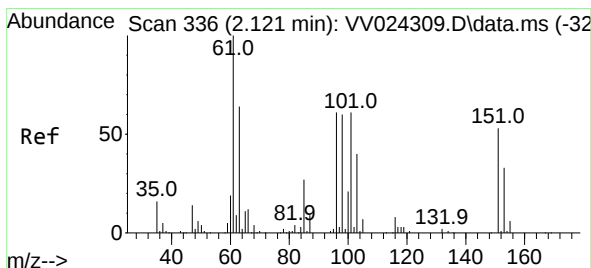
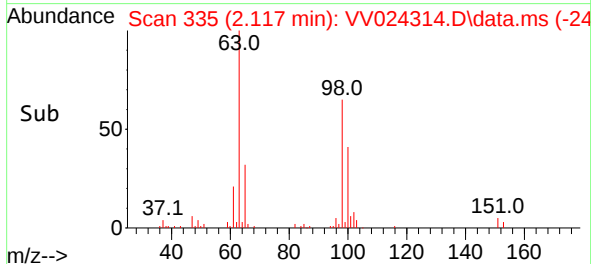
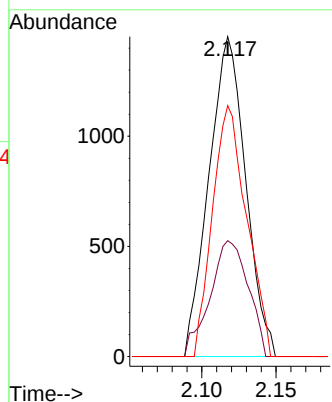
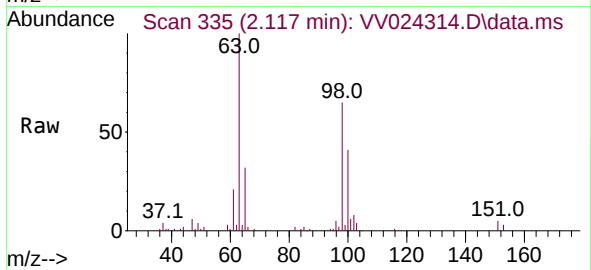
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.275 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV024314.D
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Tgt Ion:101 Resp: 2498
Ion Ratio Lower Upper
101 100
85 37.7 36.0 54.0
151 73.1 66.4 99.6

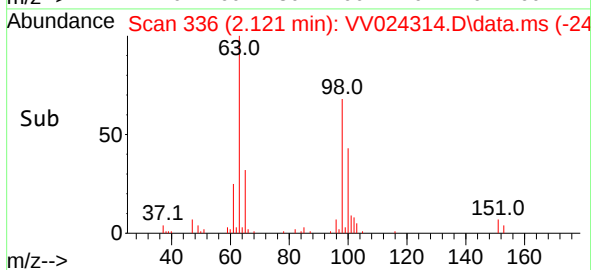
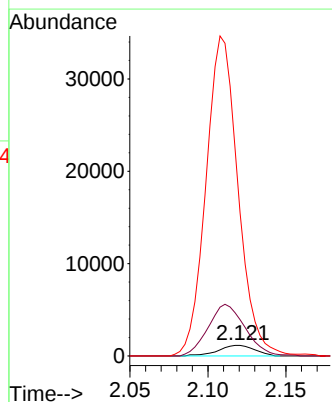
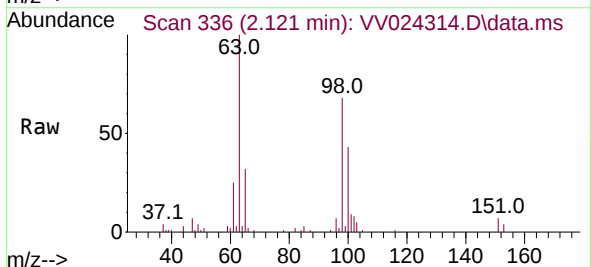
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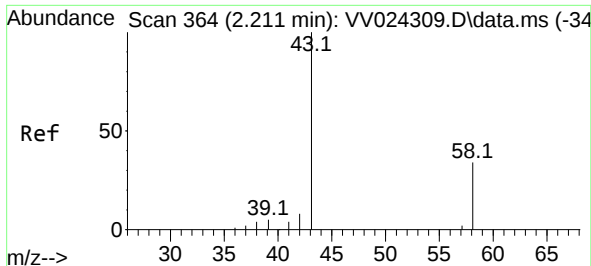
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#12
1,1-Dichloroethene
Concen: 0.243 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV024314.D
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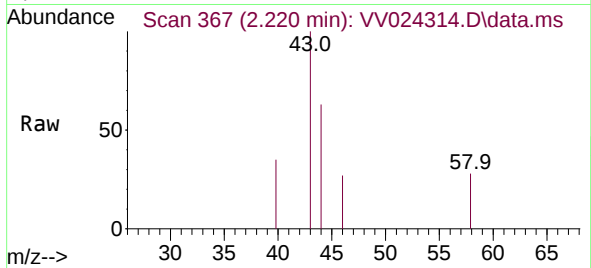
Tgt Ion: 96 Resp: 1882
Ion Ratio Lower Upper
96 100
61 343.9 116.1 215.5#
63 1358.9 79.4 147.4#





#13
Acetone
Concen: 2.677 ug/L m
RT: 2.220 min Scan# 367
Delta R.T. 0.009 min
Lab File: VV024314.D
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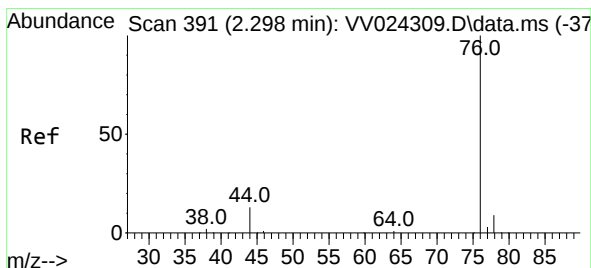
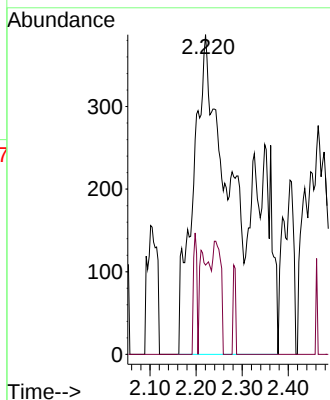
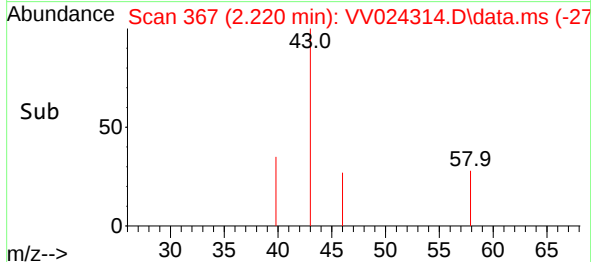
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Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
58 4.2 0.0 41.4

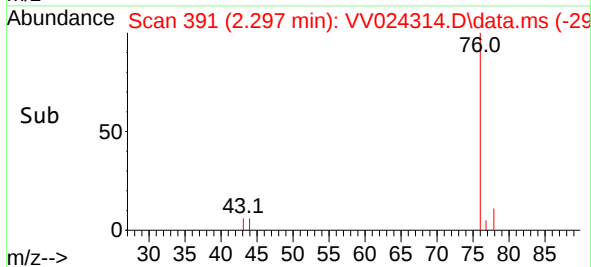
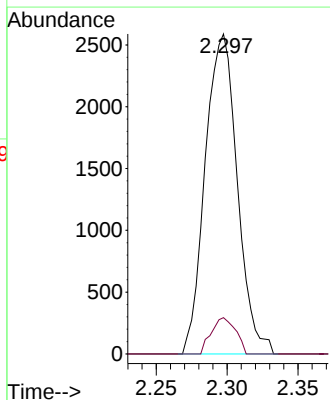
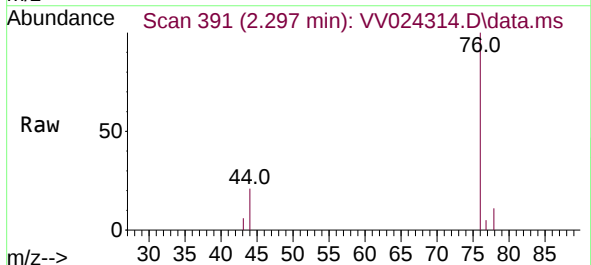
Manual Integrations
APPROVED

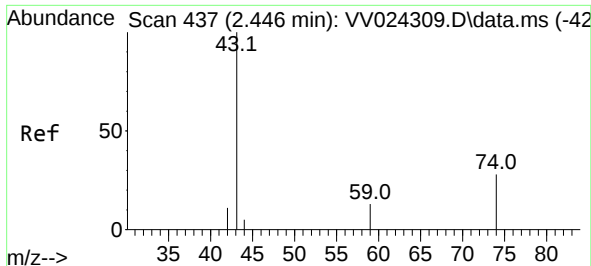
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#14
Carbon disulfide
Concen: 0.224 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

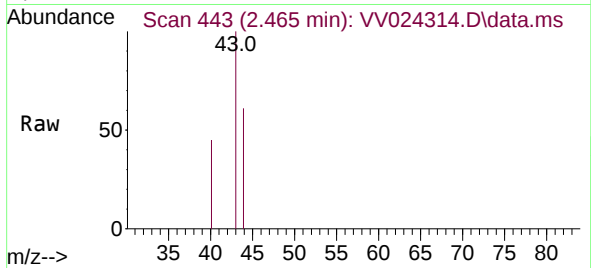
Tgt Ion: 76 Resp: 4081
Ion Ratio Lower Upper
76 100
78 11.3 7.5 11.3#





#15
Methyl Acetate
Concen: 0.294 ug/L m
RT: 2.465 min Scan# 44
Delta R.T. 0.019 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

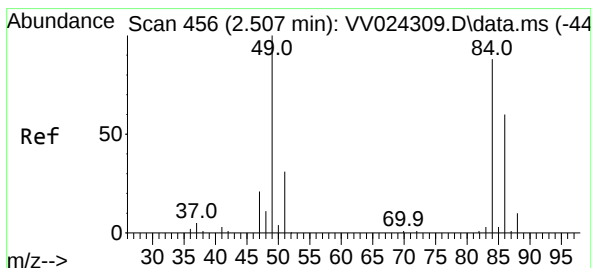
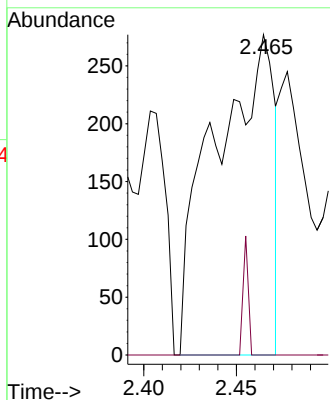
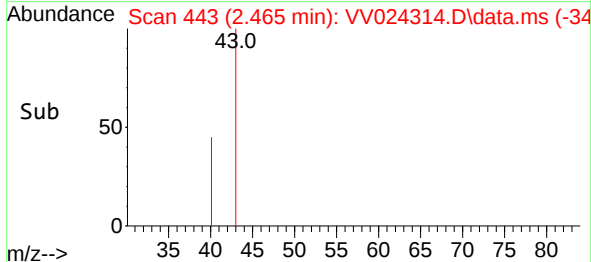
Instrument :
MSVOA_V
ClientSampleId :
MDL04



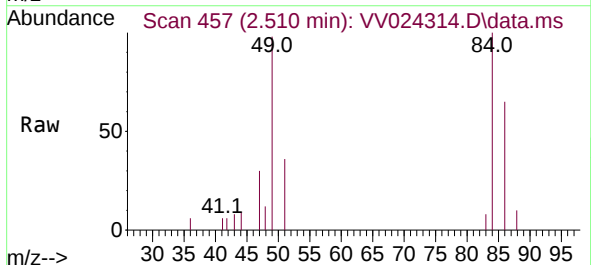
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 3.3 20.2 30.2

Manual Integrations
APPROVED

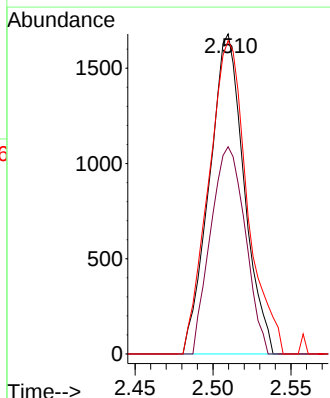
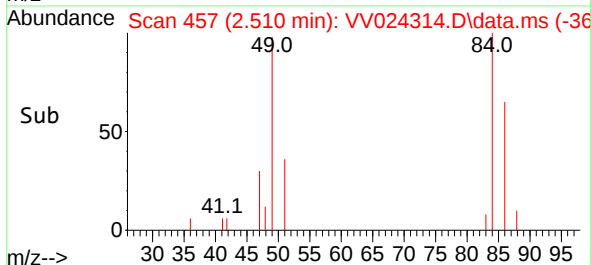
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

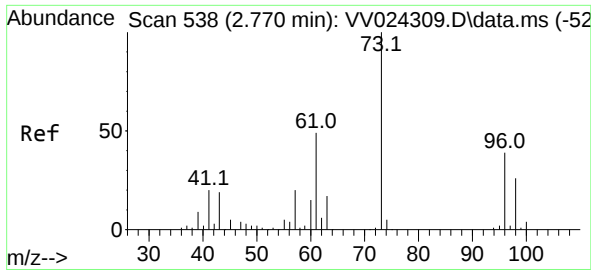


#16
Methylene chloride
Concen: 0.219 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25



Tgt Ion: 84 Resp: 2601
Ion Ratio Lower Upper
84 100
86 64.8 42.6 79.0
49 97.9 79.7 147.9





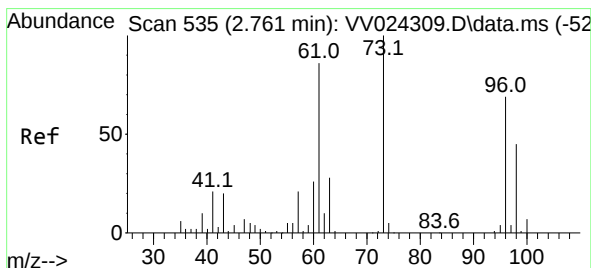
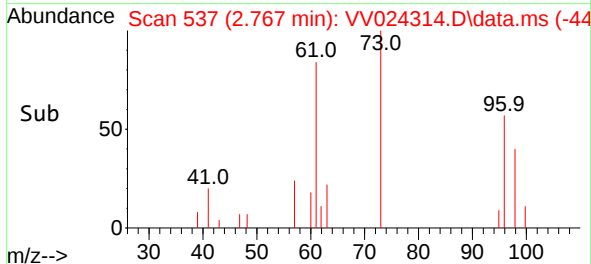
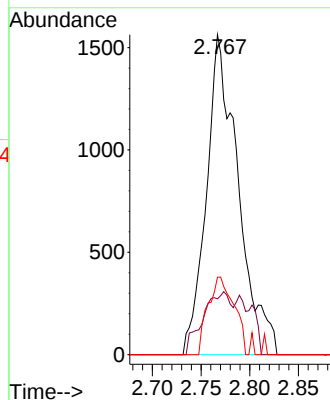
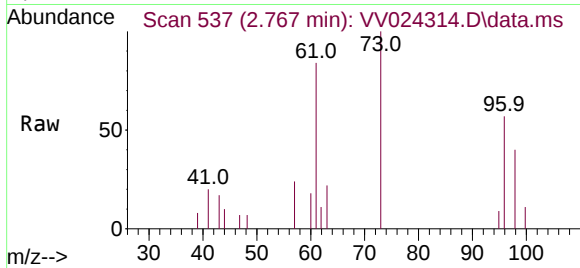
#17
Methyl tert-butyl Ether
Concen: 0.191 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 73 Resp: 354
Ion Ratio Lower Upper
73 100
43 17.6 15.5 23.3
57 19.8 17.1 25.7

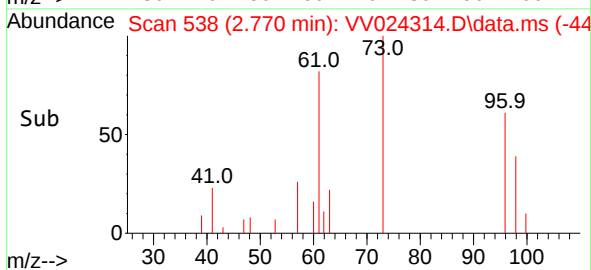
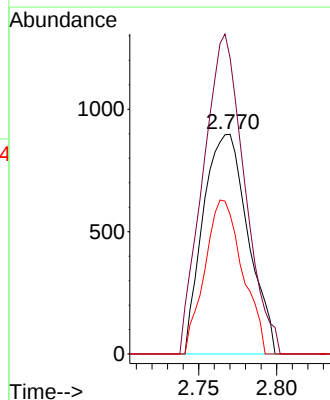
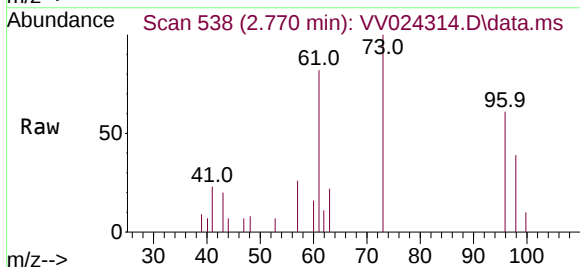
Manual Integrations
APPROVED

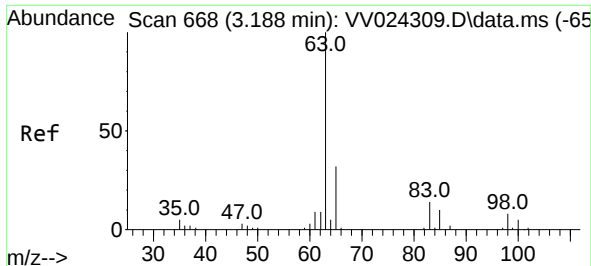
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#18
trans-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.009 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

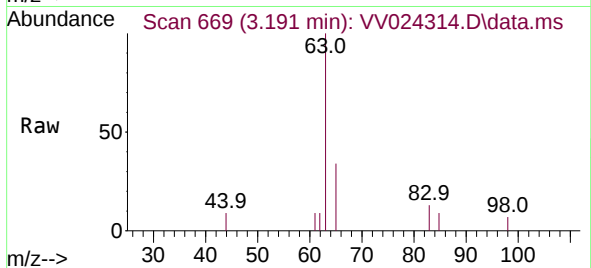
Tgt Ion: 96 Resp: 1794
Ion Ratio Lower Upper
96 100
61 134.6 88.2 163.8
98 63.5 44.9 83.5





#19
1,1-Dichloroethane
Concen: 0.212 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

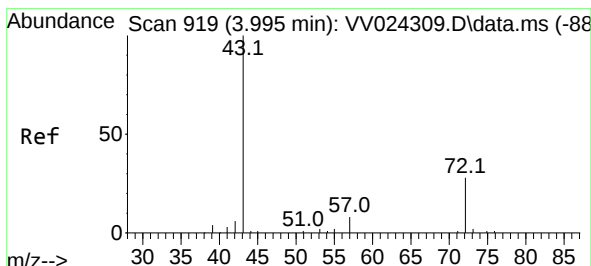
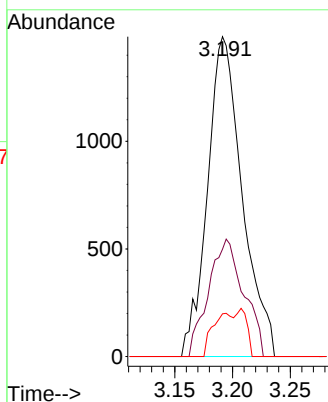
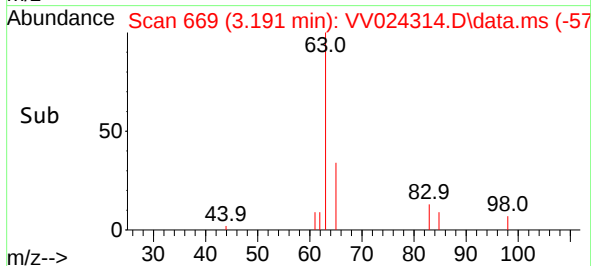
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 63 Resp: 310
Ion Ratio Lower Upper
63 100
65 33.6 22.3 41.3
83 13.4 10.7 19.9

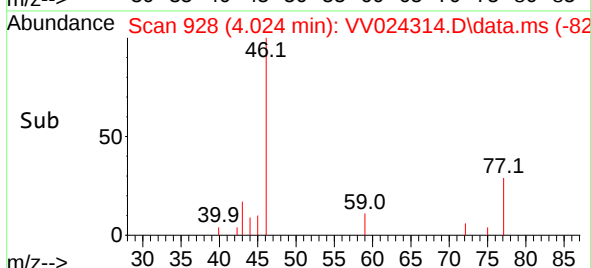
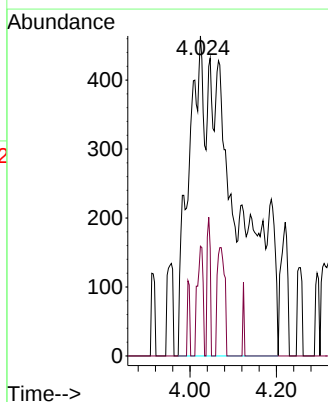
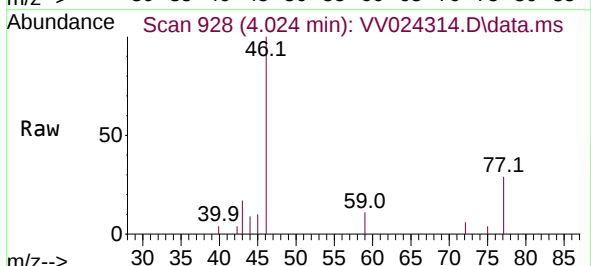
Manual Integrations
APPROVED

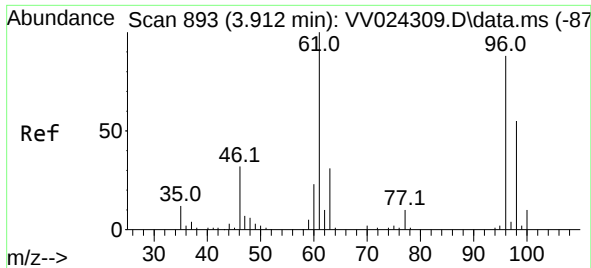
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#21
2-Butanone
Concen: 2.627 ug/L m
RT: 4.024 min Scan# 928
Delta R.T. 0.029 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

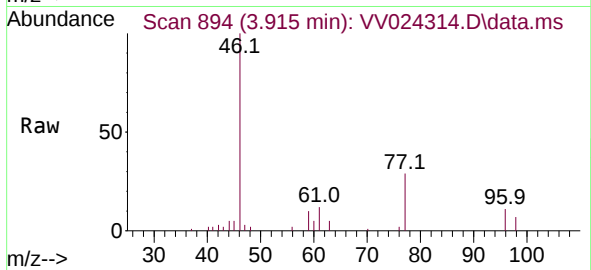
Tgt Ion: 43 Resp: 3548
Ion Ratio Lower Upper
43 100
72 1.2 11.1 33.1#





#22
 cis-1,2-Dichloroethene
 Concen: 0.211 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV024314.D
 Acq: 08 Jan 2022 13:25

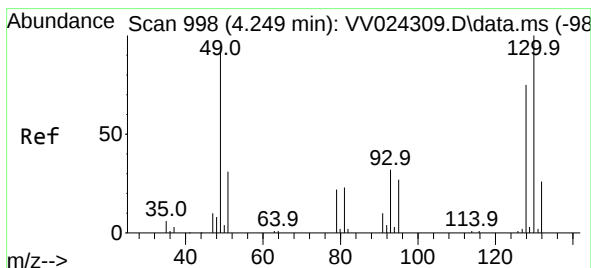
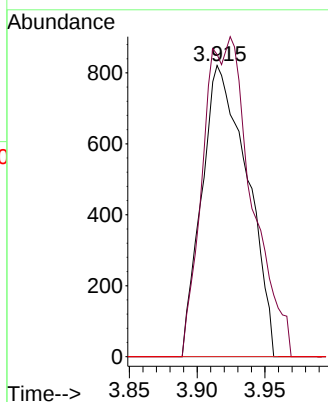
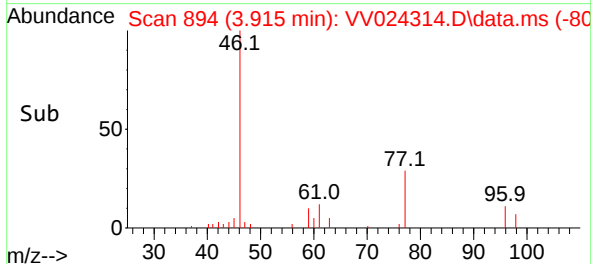
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



Tgt Ion: 96 Resp: 1909
 Ion Ratio Lower Upper
 96 100
 61 103.8 83.4 154.8
 68 0.0 0.0 0.0

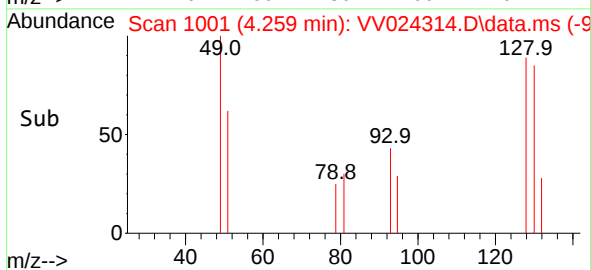
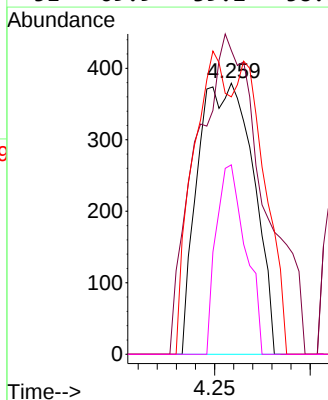
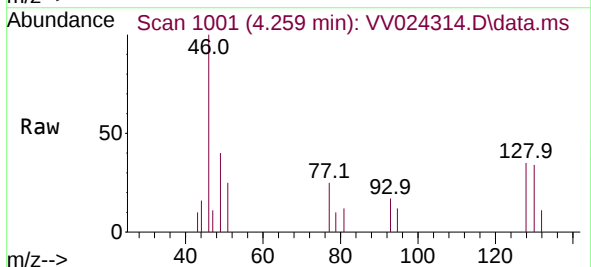
Manual Integrations
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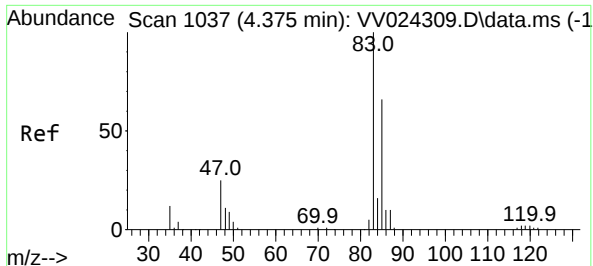
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/10/2022



#23
 Bromochloromethane
 Concen: 0.190 ug/L m
 RT: 4.259 min Scan# 1001
 Delta R.T. 0.009 min
 Lab File: VV024314.D
 Acq: 08 Jan 2022 13:25

Tgt Ion:128 Resp: 765
 Ion Ratio Lower Upper
 128 100
 49 112.1 100.2 186.2
 130 95.0 92.5 171.7
 51 69.9 39.2 58.8#





#25

Chloroform

Concen: 0.281 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV024314.D

Acq: 08 Jan 2022 13:25

Instrument :

MSVOA_V

ClientSampleId :

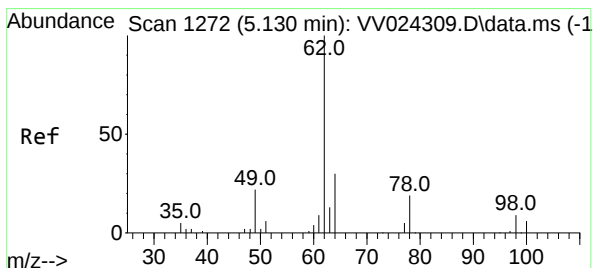
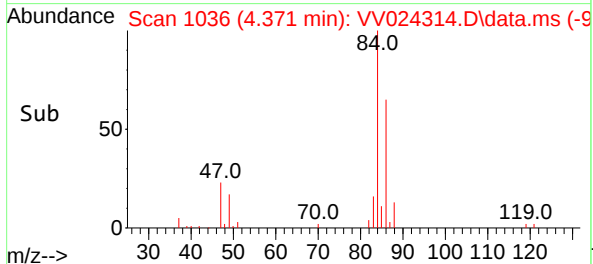
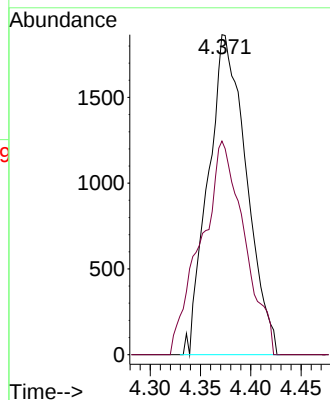
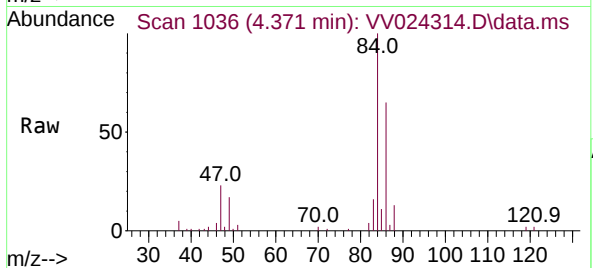
MDL04

Tgt Ion: 83 Resp: 492
 Ion Ratio Lower Upper
 83 100
 85 66.8 45.2 84.0

Manual Integrations

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Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/10/2022



#27

1,2-Dichloroethane

Concen: 0.211 ug/L

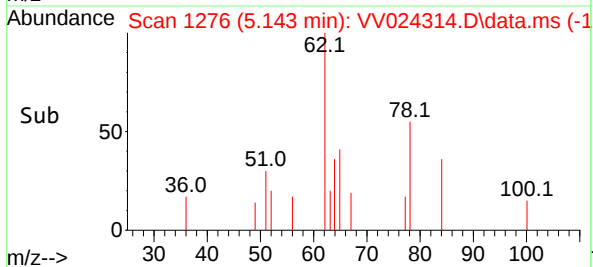
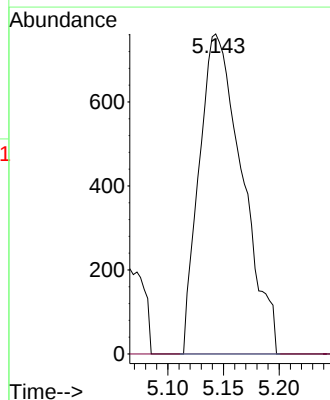
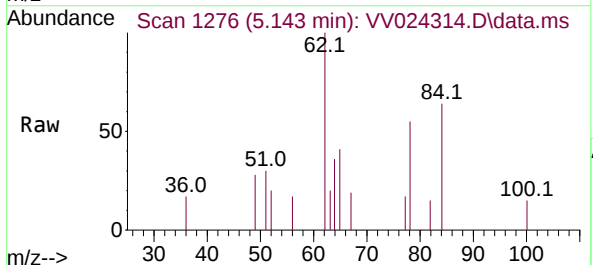
RT: 5.143 min Scan# 1276

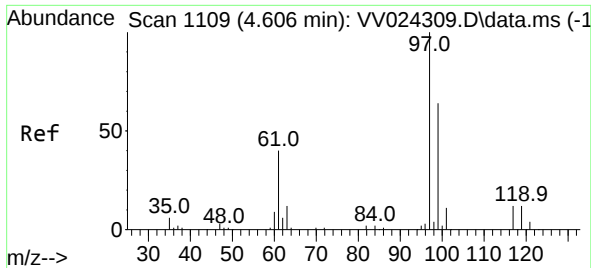
Delta R.T. 0.013 min

Lab File: VV024314.D

Acq: 08 Jan 2022 13:25

Tgt Ion: 62 Resp: 2045
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.1 12.1#





#29

1,1,1-Trichloroethane

Concen: 0.193 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV024314.D

Acq: 08 Jan 2022 13:25

Instrument :

MSVOA_V

ClientSampleId :

MDL04

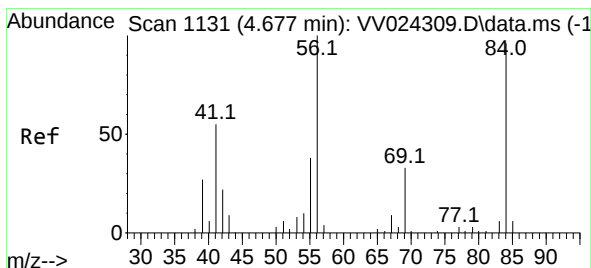
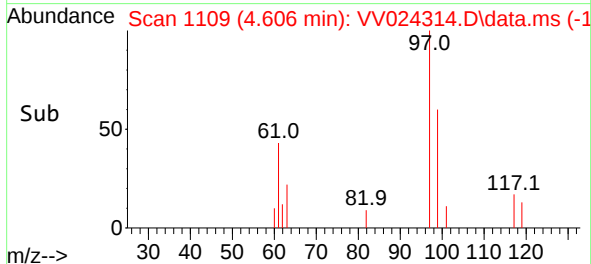
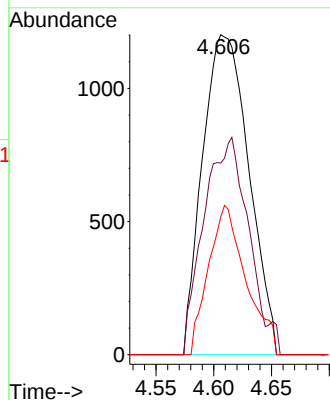
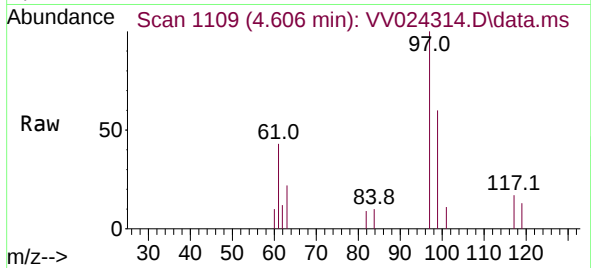
Tgt Ion:	97	Resp:	3350
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.9	77.9
61	37.8	33.2	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#30

Cyclohexane

Concen: 0.209 ug/L

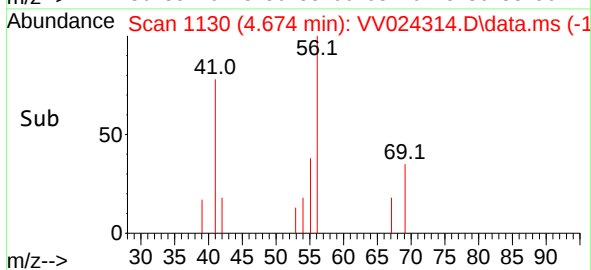
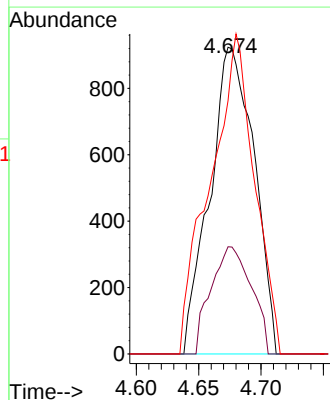
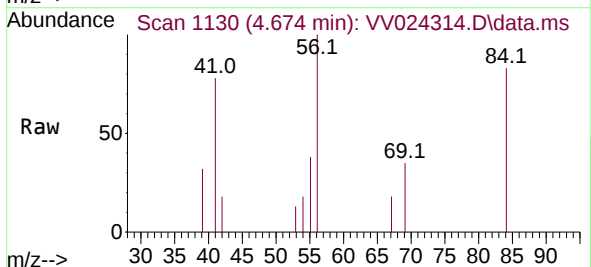
RT: 4.674 min Scan# 1130

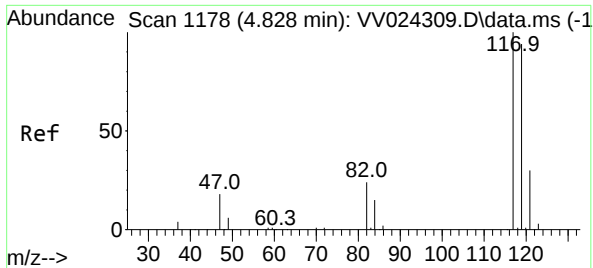
Delta R.T. -0.003 min

Lab File: VV024314.D

Acq: 08 Jan 2022 13:25

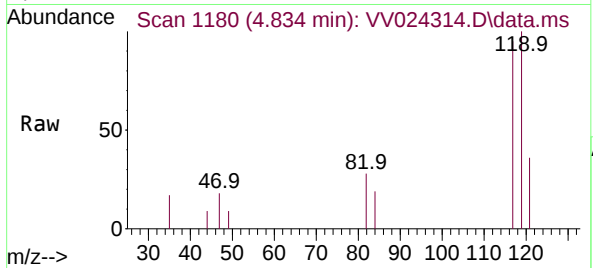
Tgt Ion:	56	Resp:	2289
Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.8	37.2
84	103.4	75.9	113.9





#31
Carbon tetrachloride
Concen: 0.197 ug/L
RT: 4.834 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

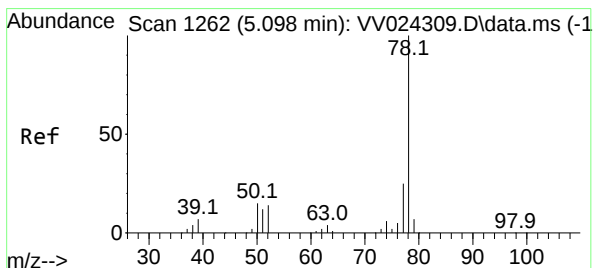
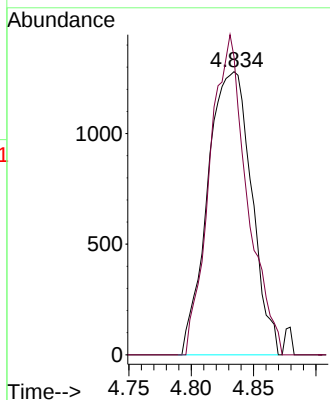
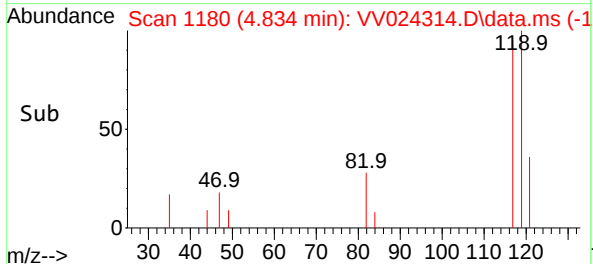
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion:117 Resp: 3129
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8

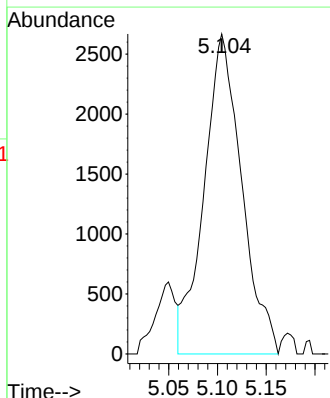
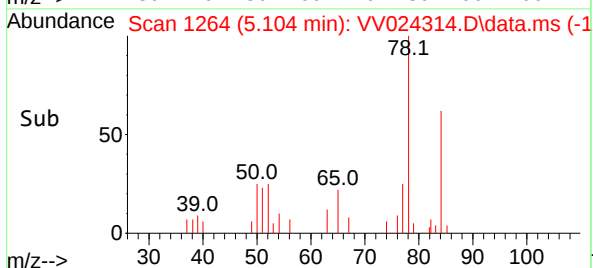
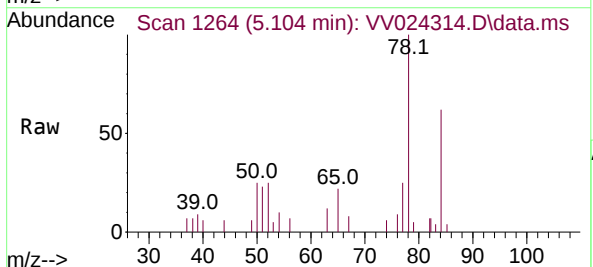
Manual Integrations
APPROVED

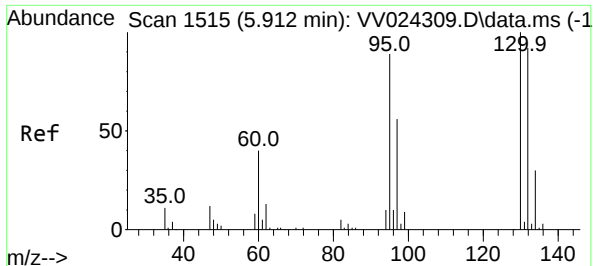
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#33
Benzene
Concen: 0.214 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

Tgt Ion: 78 Resp: 7155





#34

Trichloroethene

Concen: 0.233 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV024314.D

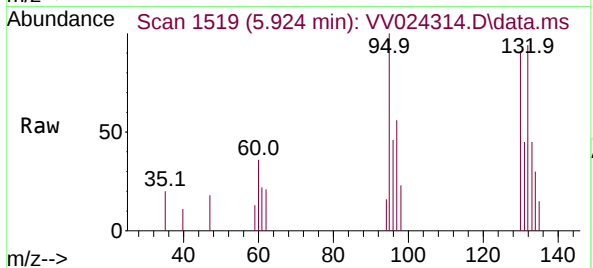
Acq: 08 Jan 2022 13:25

Instrument :

MSVOA_V

ClientSampleId :

MDL04



Tgt Ion: 95 Resp: 2186

Ion Ratio Lower Upper

95 100

97 56.2 45.2 84.0

132 93.6 76.1 141.3

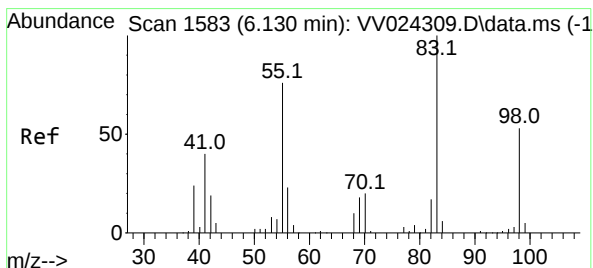
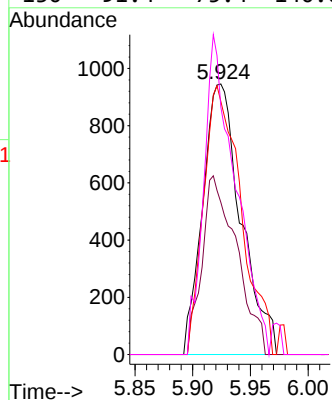
130 91.4 75.4 140.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#35

Methylcyclohexane

Concen: 0.222 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV024314.D

Acq: 08 Jan 2022 13:25

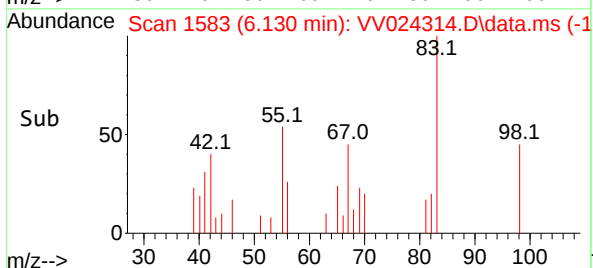
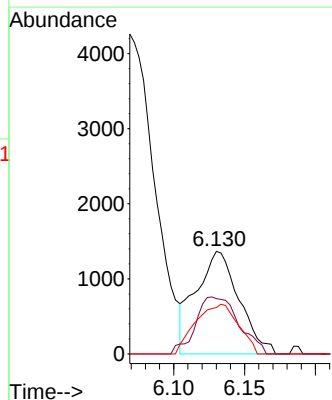
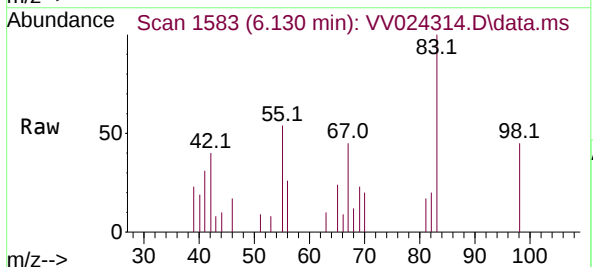
Tgt Ion: 83 Resp: 2899

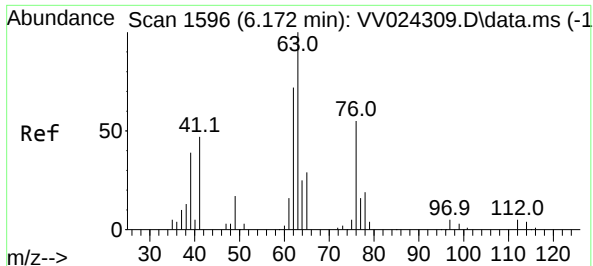
Ion Ratio Lower Upper

83 100

55 55.2 60.2 90.2#

98 47.9 41.0 61.4





#37

1,2-Dichloropropane

Concen: 0.233 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV024314.D

Acq: 08 Jan 2022 13:25

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 63 Resp: 1809

Ion Ratio Lower Upper

63 100

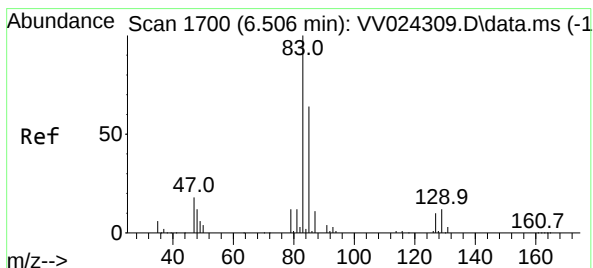
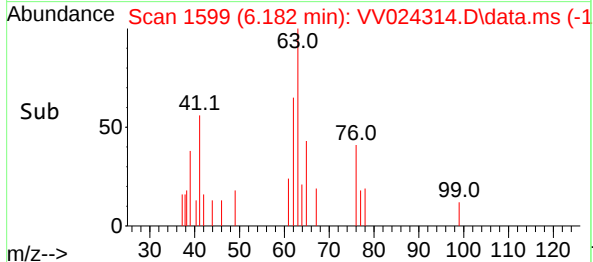
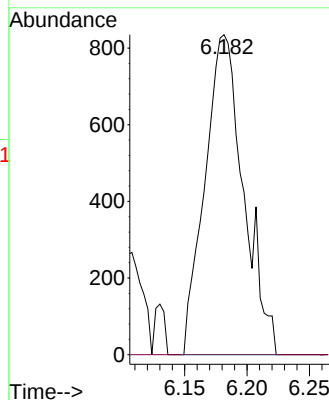
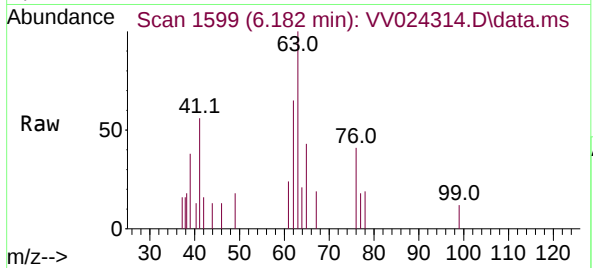
112 0.0 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#38

Bromodichloromethane

Concen: 0.189 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.009 min

Lab File: VV024314.D

Acq: 08 Jan 2022 13:25

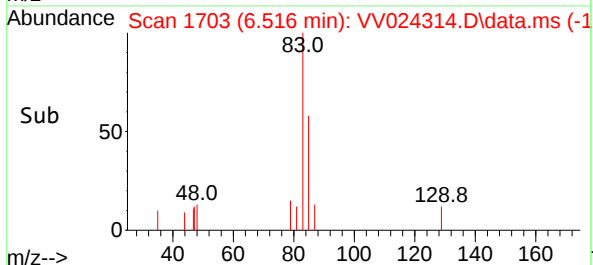
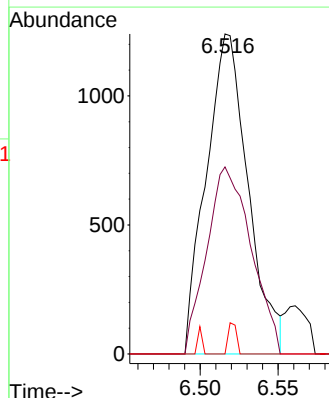
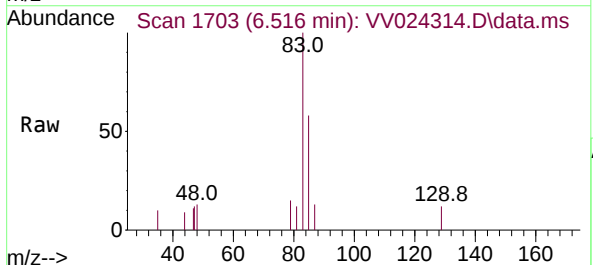
Tgt Ion: 83 Resp: 2313

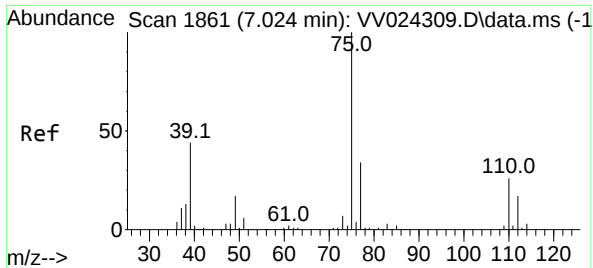
Ion Ratio Lower Upper

83 100

85 58.5 44.0 81.8

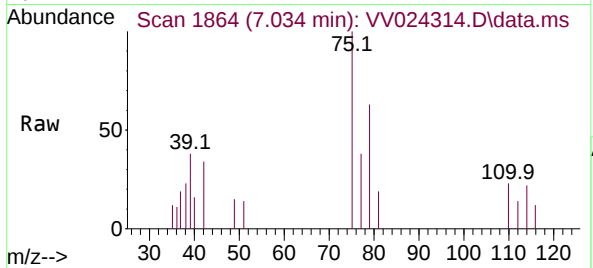
127 0.0 8.6 12.8





#39
 cis-1,3-Dichloropropene
 Concen: 0.215 ug/L
 RT: 7.034 min Scan# 1861
 Delta R.T. 0.009 min
 Lab File: VV024314.D
 Acq: 08 Jan 2022 13:25

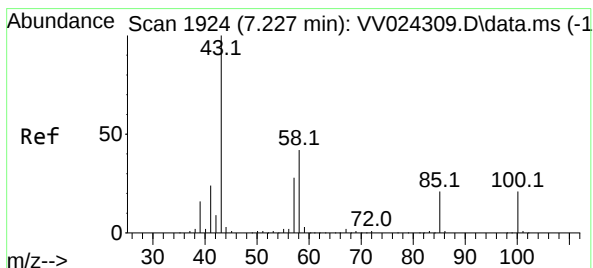
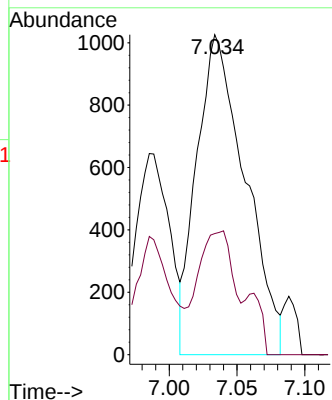
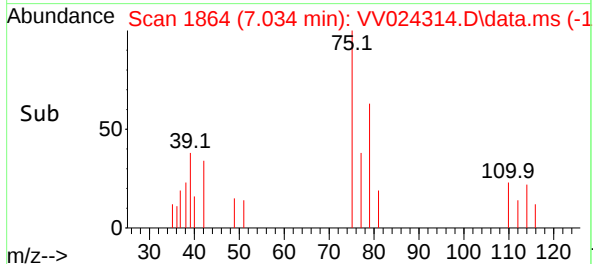
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



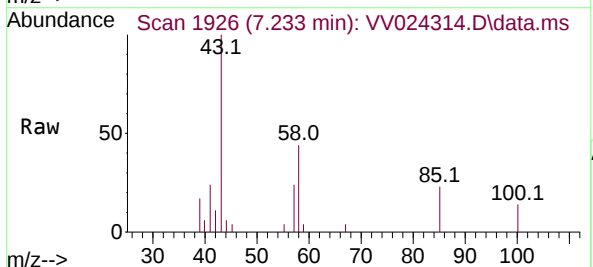
Tgt Ion: 75 Resp: 2540
 Ion Ratio Lower Upper
 75 100
 77 37.8 22.0 41.0

Manual Integrations
 APPROVED

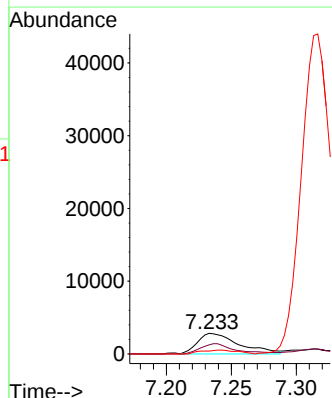
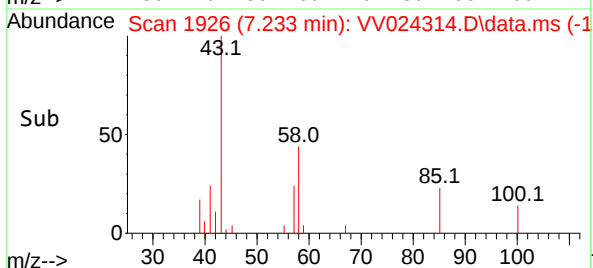
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/10/2022

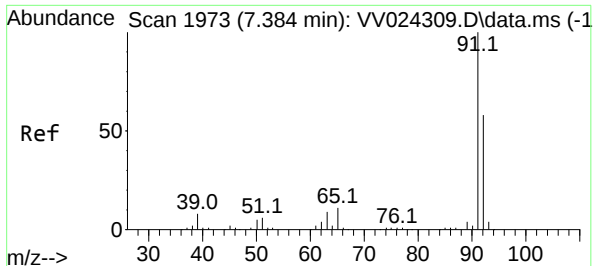


#40
 4-Methyl-2-pentanone
 Concen: 1.594 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. 0.006 min
 Lab File: VV024314.D
 Acq: 08 Jan 2022 13:25



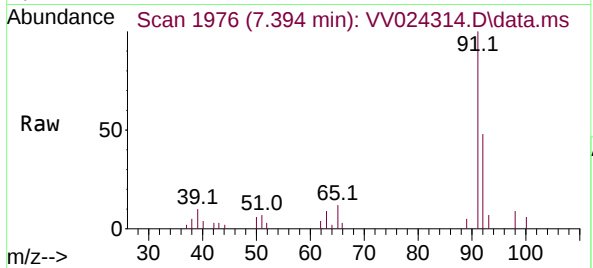
Tgt Ion: 43 Resp: 6343
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.3 48.5
 100 0.0 13.0 19.6





#42
Toluene
Concen: 0.238 ug/L
RT: 7.394 min Scan# 1973
Delta R.T. 0.009 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

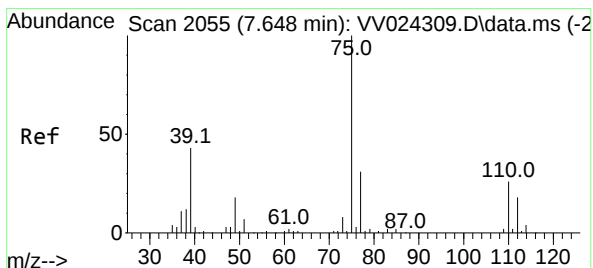
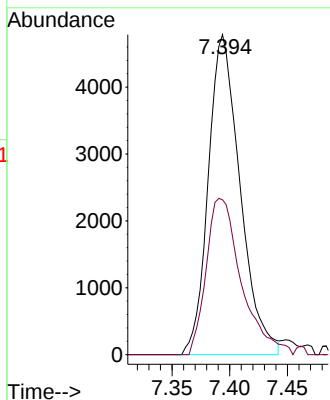
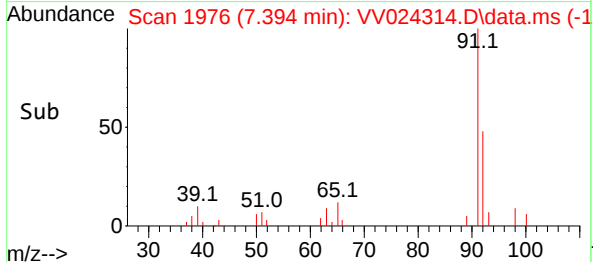
Instrument :
MSVOA_V
ClientSampleId :
MDL04



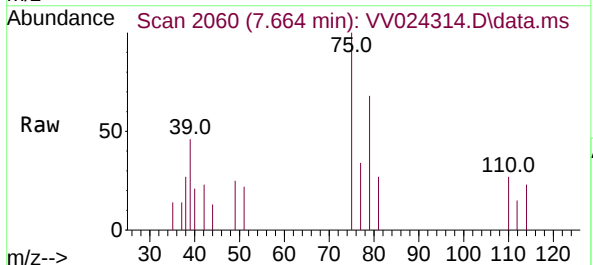
Tgt Ion: 91 Resp: 9170
Ion Ratio Lower Upper
91 100
92 48.4 41.5 77.1

Manual Integrations
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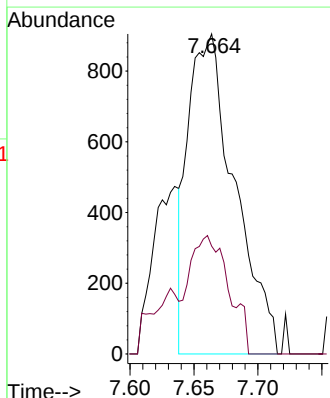
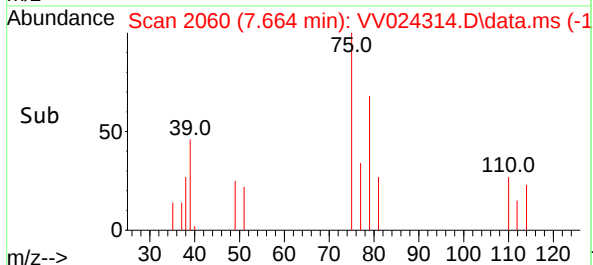
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

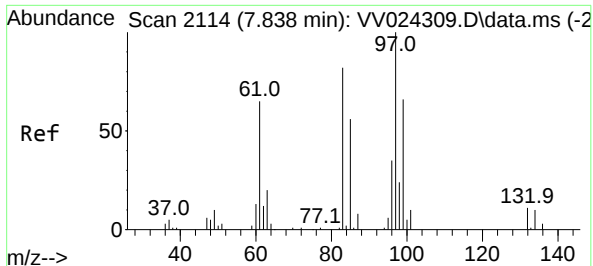


#44
trans-1,3-Dichloropropene
Concen: 0.214 ug/L m
RT: 7.664 min Scan# 2060
Delta R.T. 0.016 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25



Tgt Ion: 75 Resp: 2285
Ion Ratio Lower Upper
75 100
77 33.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 0.181 ug/L

RT: 7.844 min Scan# 2114

Delta R.T. 0.006 min

Lab File: VV024314.D

Acq: 08 Jan 2022 13:25

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 97 Resp: 1140

Ion Ratio Lower Upper

97 100

99 53.4 43.1 80.1

83 98.1 57.9 107.5

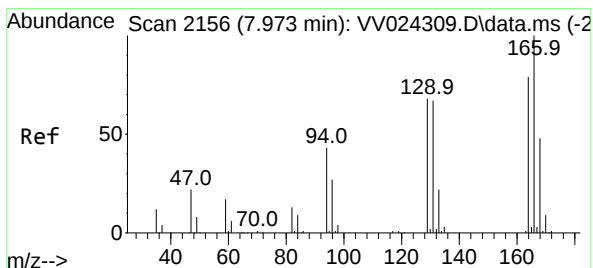
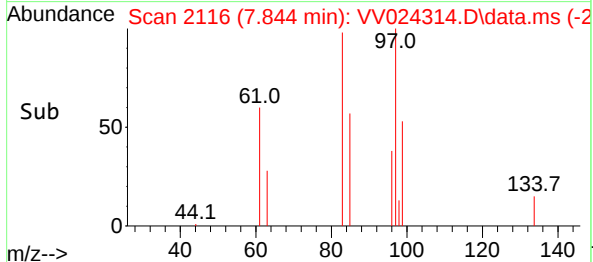
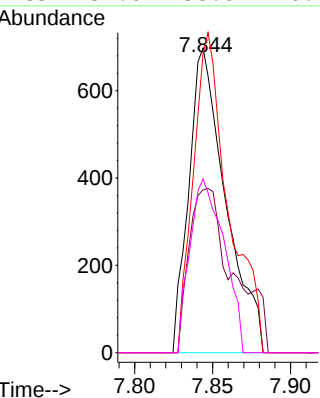
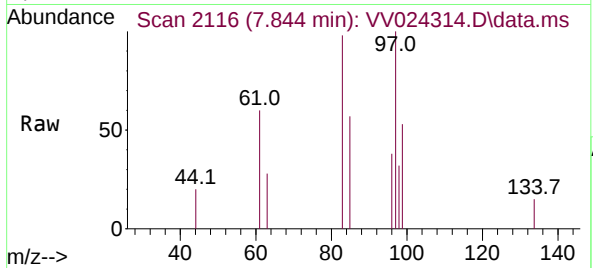
85 57.0 38.0 70.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#47

Tetrachloroethene

Concen: 0.198 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV024314.D

Acq: 08 Jan 2022 13:25

Tgt Ion:164 Resp: 1732

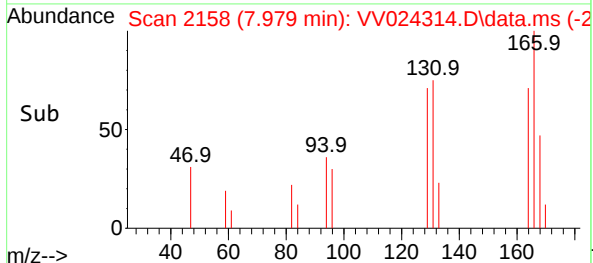
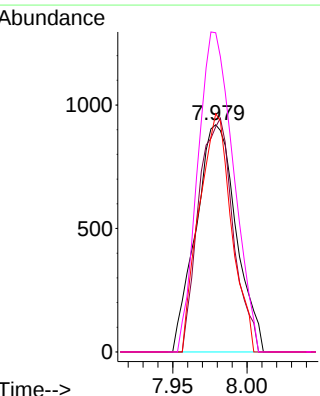
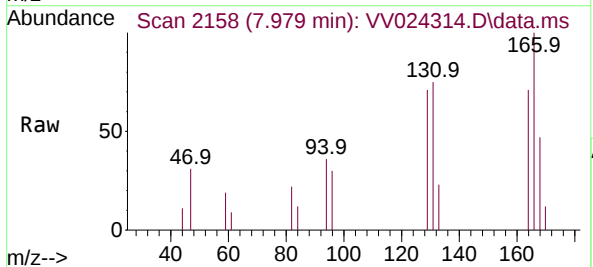
Ion Ratio Lower Upper

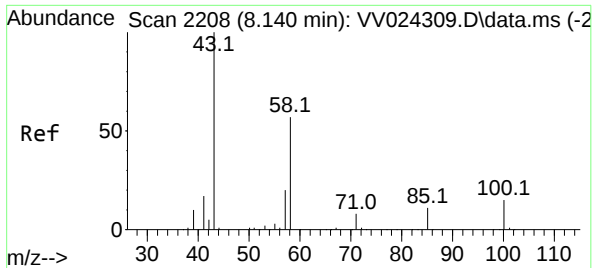
164 100

129 99.1 62.6 116.2

131 104.9 61.0 113.4

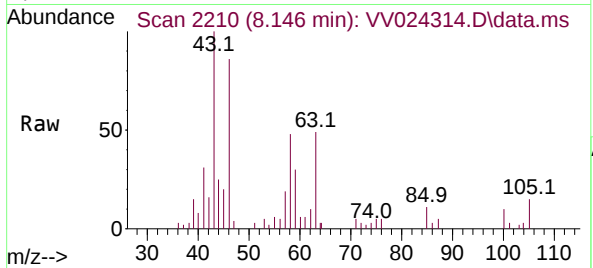
166 140.5 87.3 162.1





#48
2-Hexanone
Concen: 4.279 ug/L m
RT: 8.146 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

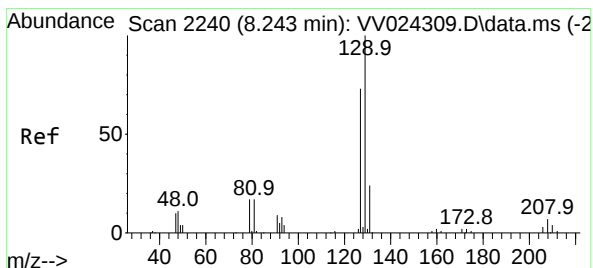
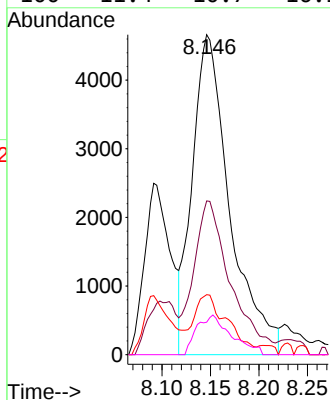
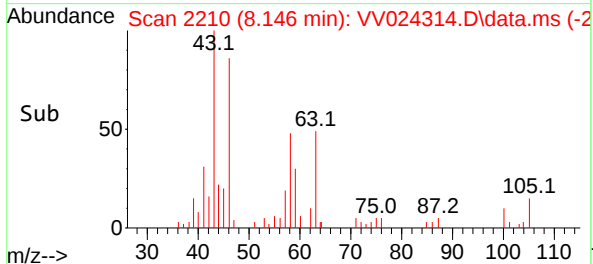
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
58 47.6 44.5 66.7
57 16.9 15.1 22.7
100 11.4 10.7 16.1

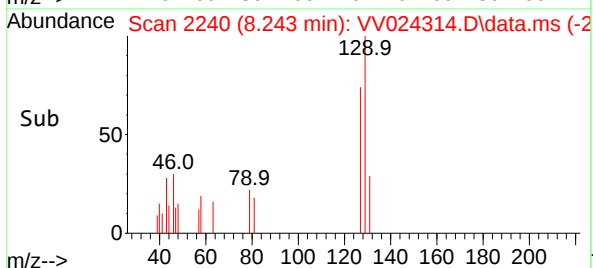
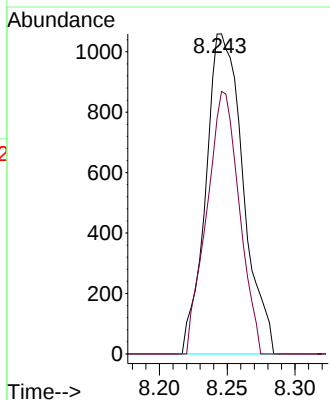
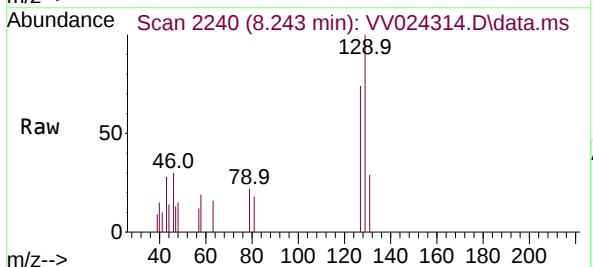
Manual Integrations
APPROVED

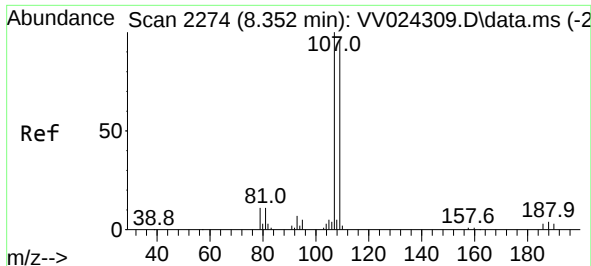
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#49
Dibromochloromethane
Concen: 0.233 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

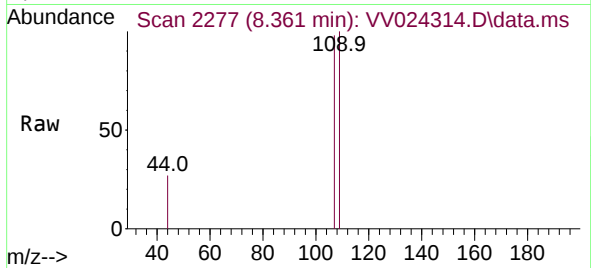
Tgt Ion:129 Resp: 2027
Ion Ratio Lower Upper
129 100
127 73.7 53.5 99.3





#50
1,2-Dibromoethane
Concen: 0.198 ug/L
RT: 8.361 min Scan# 2113
Delta R.T. 0.009 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

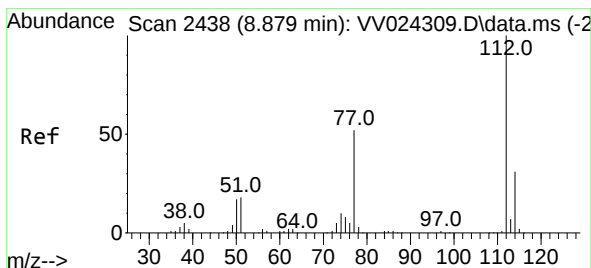
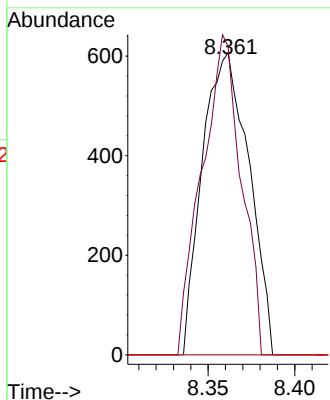
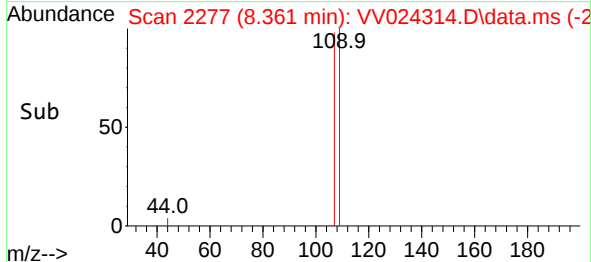
Instrument :
MSVOA_V
ClientSampleId :
MDL04



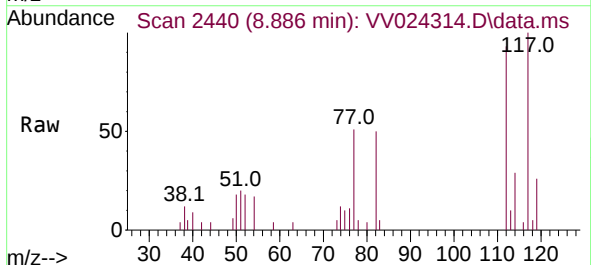
Tgt Ion:107 Resp: 1134
Ion Ratio Lower Upper
107 100
109 102.0 62.5 116.1
188 0.0 3.4 5.2

Manual Integrations
APPROVED

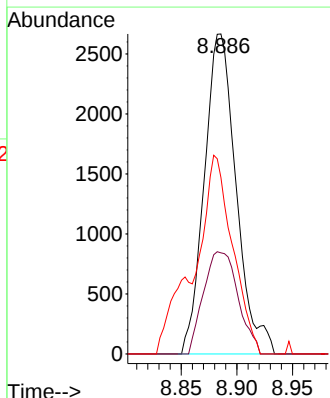
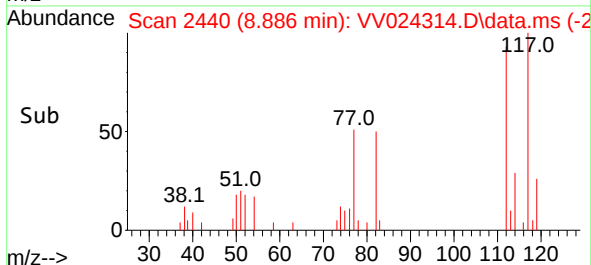
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

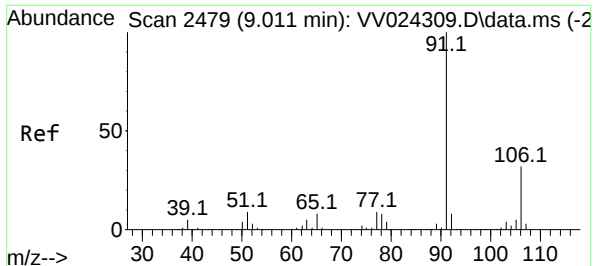


#51
Chlorobenzene
Concen: 0.199 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25



Tgt Ion:112 Resp: 5303
Ion Ratio Lower Upper
112 100
114 31.6 23.3 43.3
77 55.1 43.3 64.9





#52

Ethylbenzene

Concen: 0.189 ug/L

RT: 9.017 min Scan# 2479

Delta R.T. 0.006 min

Lab File: VV024314.D

Acq: 08 Jan 2022 13:25

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 91 Resp: 799

Ion Ratio Lower Upper

91 100

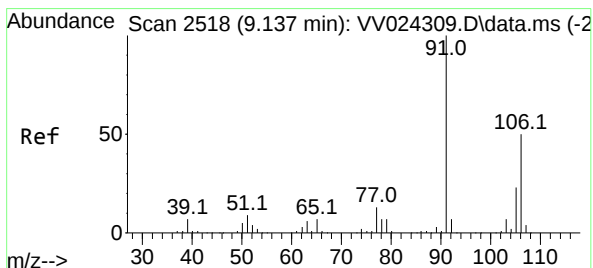
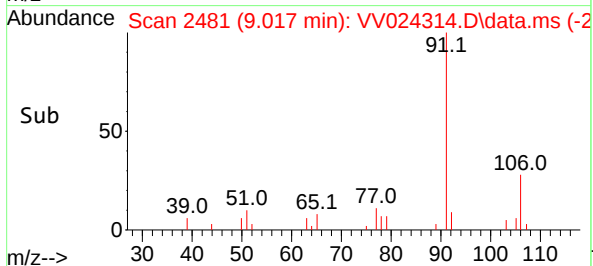
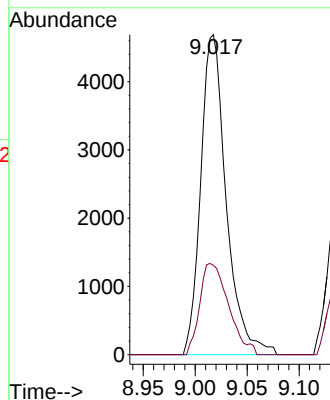
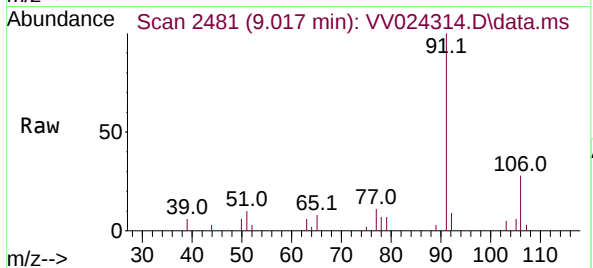
106 27.9 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#53

m,p-xylene

Concen: 0.190 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.009 min

Lab File: VV024314.D

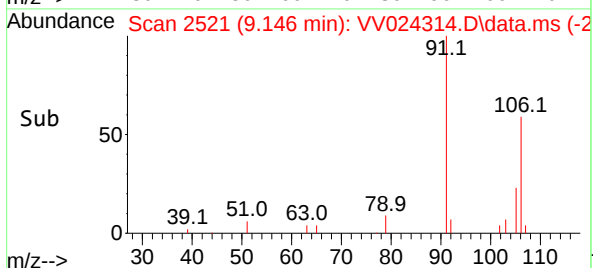
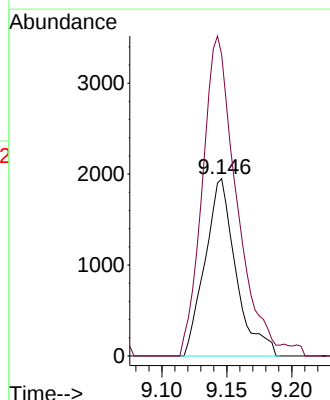
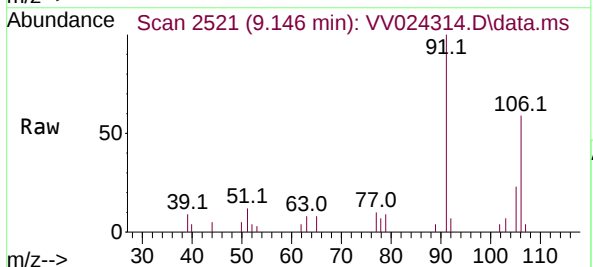
Acq: 08 Jan 2022 13:25

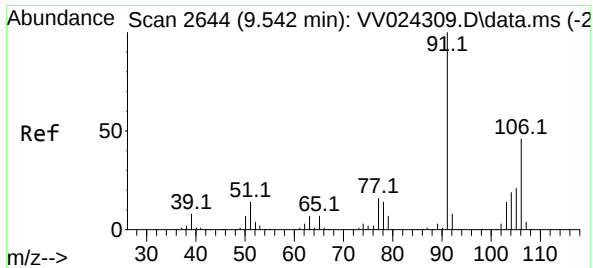
Tgt Ion:106 Resp: 3217

Ion Ratio Lower Upper

106 100

91 170.0 139.5 259.1





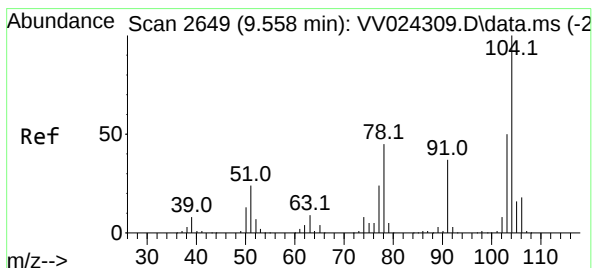
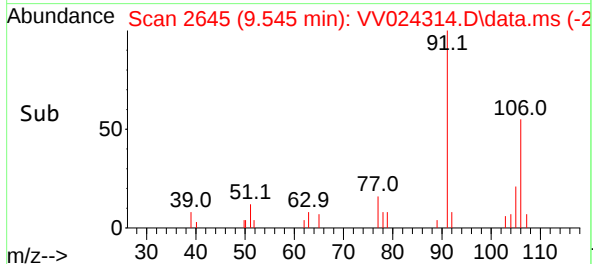
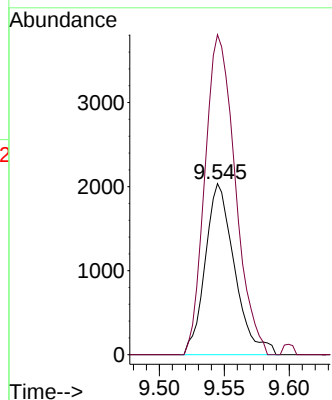
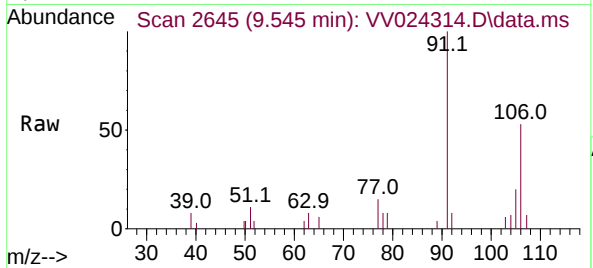
#54
o-xylene
Concen: 0.193 ug/L
RT: 9.545 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 3194
Ion Ratio Lower Upper
106 100
91 187.0 147.9 274.7

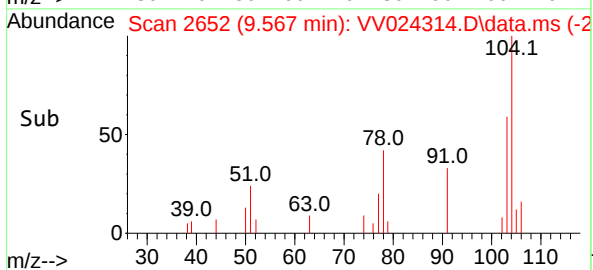
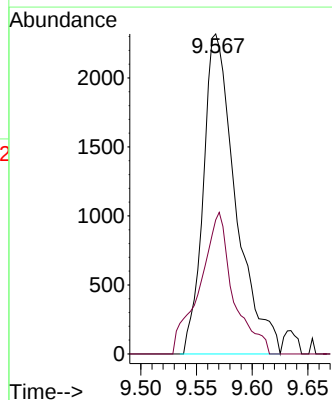
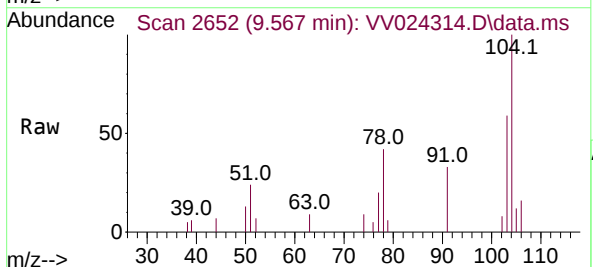
Manual Integrations
APPROVED

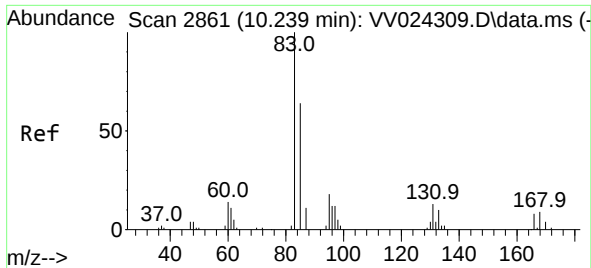
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#55
Styrene
Concen: 0.168 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.009 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

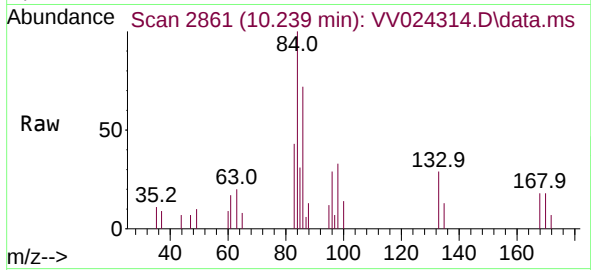
Tgt Ion:104 Resp: 4704
Ion Ratio Lower Upper
104 100
78 41.9 31.0 57.6





#57
1,1,2,2-Tetrachloroethane
Concen: 0.237 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

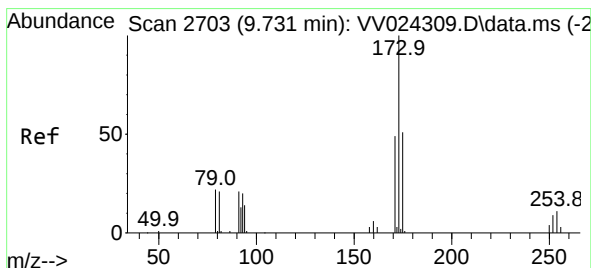
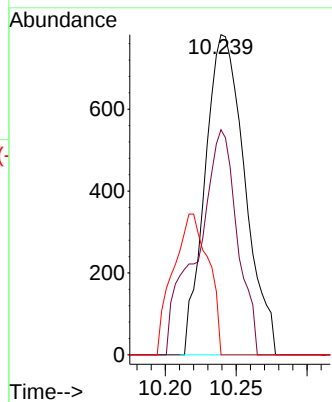
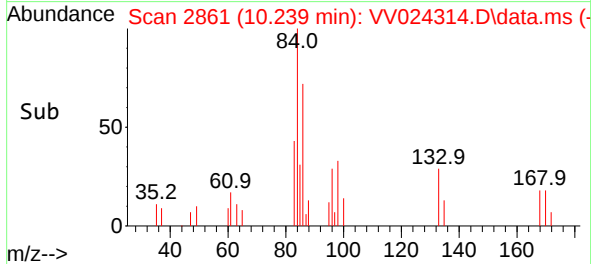
Instrument : MSVOA_V
ClientSampleId : MDL04



Tgt Ion: 83 Resp: 1524
Ion Ratio Lower Upper
83 100
85 70.3 44.6 82.8
131 0.0 8.3 12.5

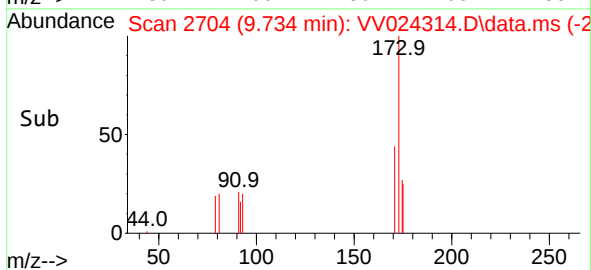
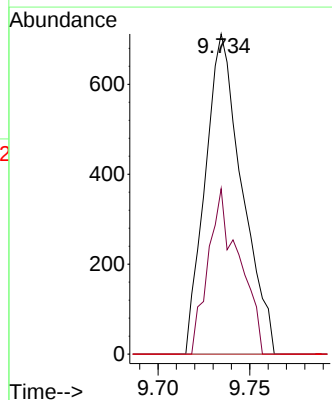
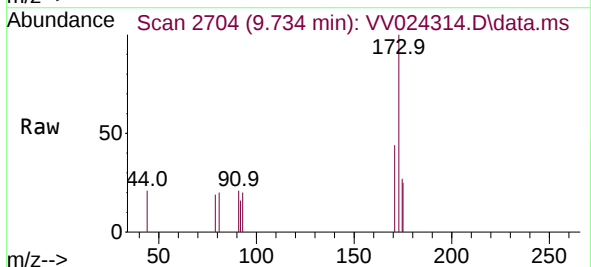
Manual Integrations
APPROVED

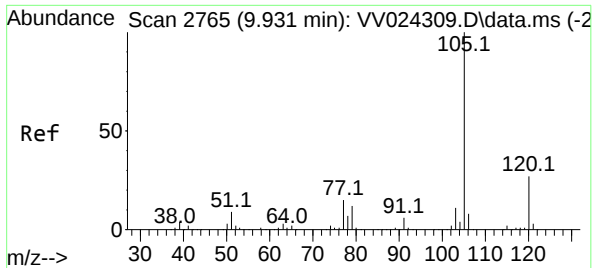
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#59
Bromoform
Concen: 0.216 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

Tgt Ion:173 Resp: 992
Ion Ratio Lower Upper
173 100
175 43.8 39.4 59.2
254 0.0 7.4 11.0





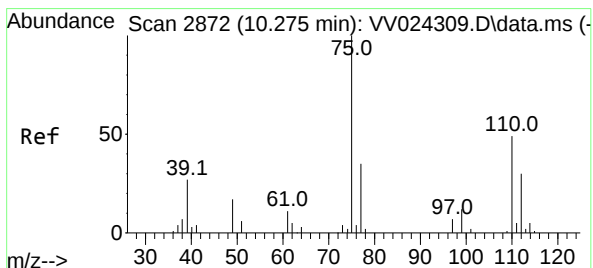
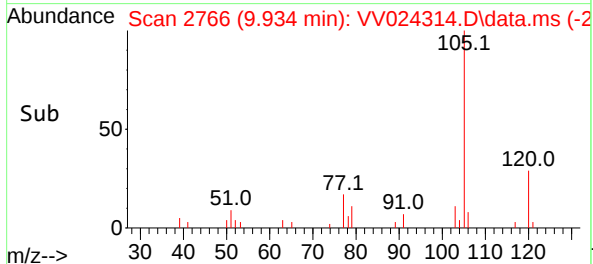
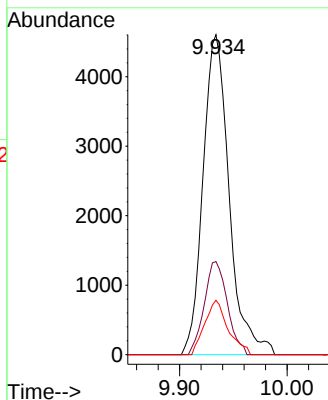
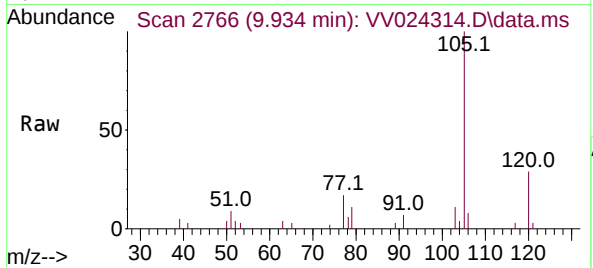
#60
Isopropylbenzene
Concen: 0.192 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:	105	Resp:	777
Ion Ratio	Lower	Upper	
105	100		
120	25.7	21.4	32.0
77	15.2	12.2	18.4

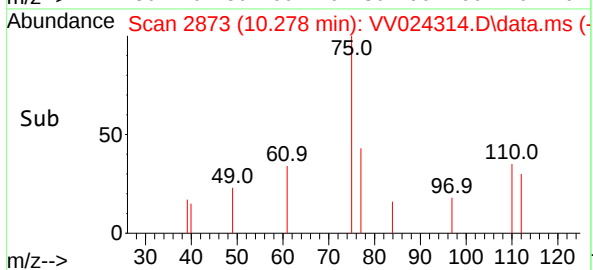
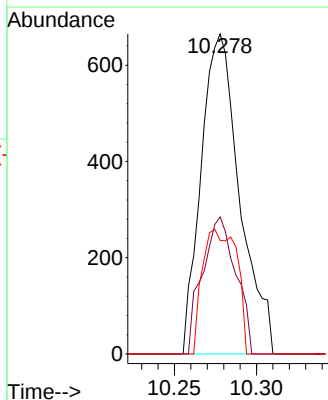
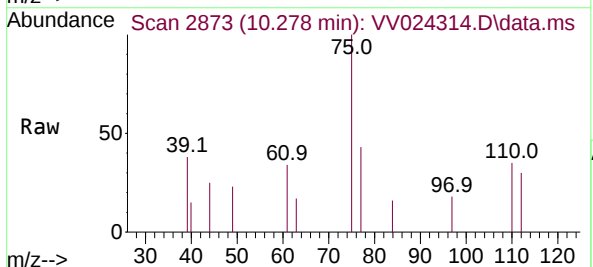
Manual Integrations
APPROVED

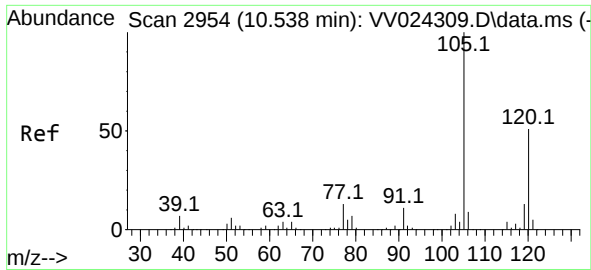
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#61
1,2,3-Trichloropropane
Concen: 0.244 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

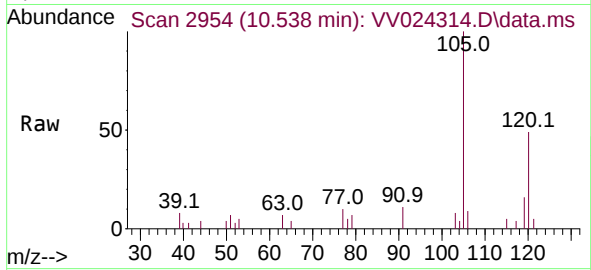
Tgt Ion:	75	Resp:	1086
Ion Ratio	Lower	Upper	
75	100		
77	37.1	26.4	39.6
110	34.5	34.2	51.2





#62
1,3,5-Trimethylbenzene
Concen: 0.188 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

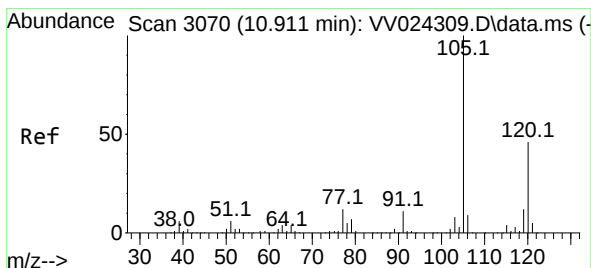
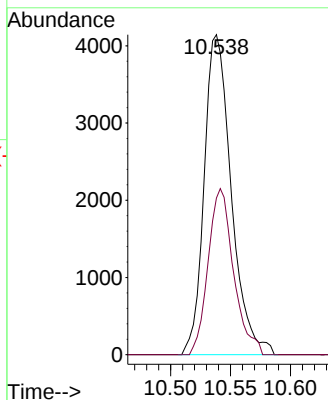
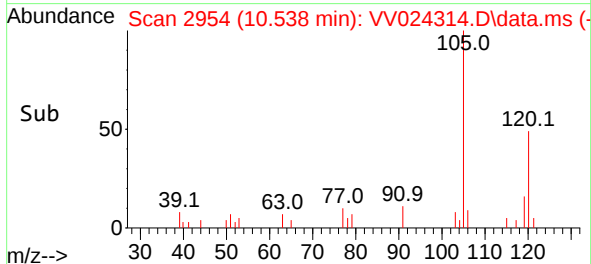
Instrument :
MSVOA_V
ClientSampleId :
MDL04



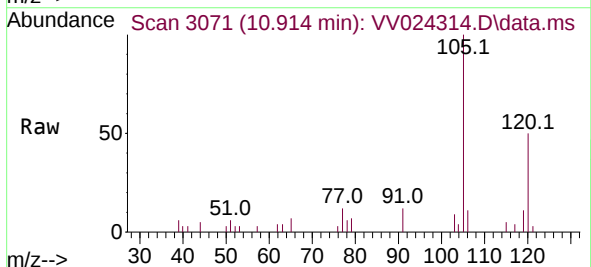
Tgt Ion:105 Resp: 652
Ion Ratio Lower Upper
105 100
120 48.6 40.1 60.1

Manual Integrations
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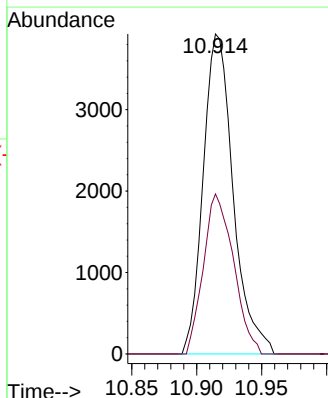
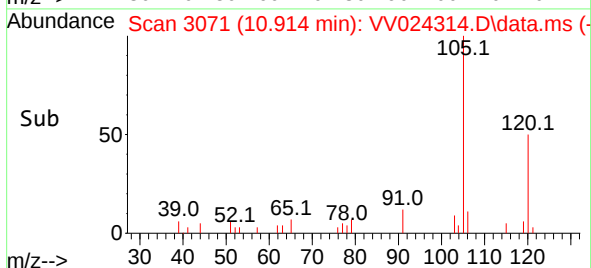
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

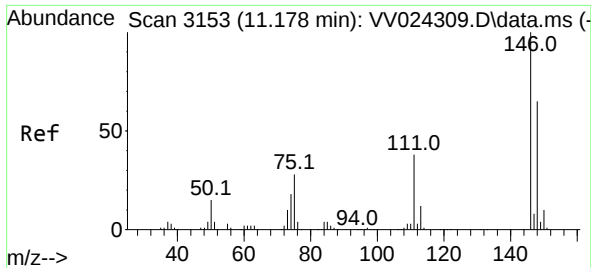


#63
1,2,4-Trimethylbenzene
Concen: 0.178 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25



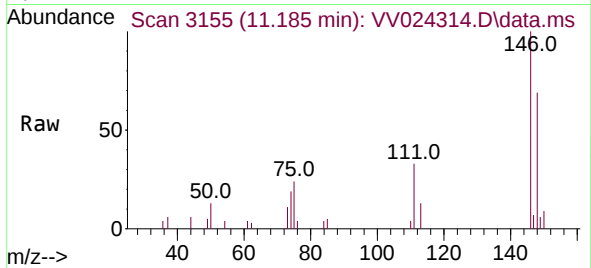
Tgt Ion:105 Resp: 6305
Ion Ratio Lower Upper
105 100
120 50.2 36.7 55.1





#64
1,3-Dichlorobenzene
Concen: 0.214 ug/L
RT: 11.185 min Scan# 3153
Delta R.T. 0.006 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

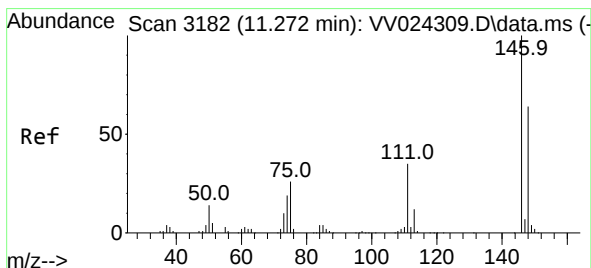
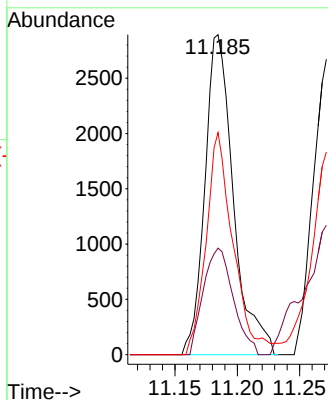
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion:146 Resp: 4614
Ion Ratio Lower Upper
146 100
111 33.3 26.3 48.9
148 69.4 44.4 82.5

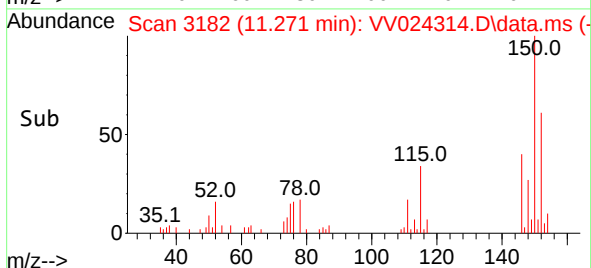
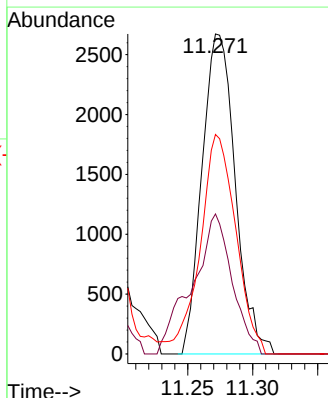
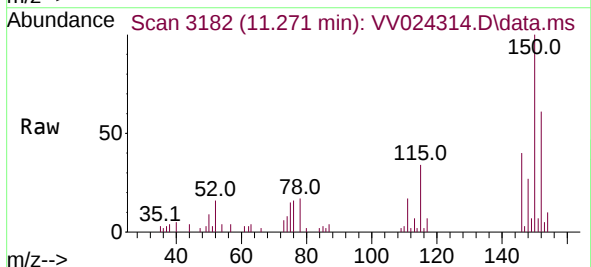
Manual Integrations
APPROVED

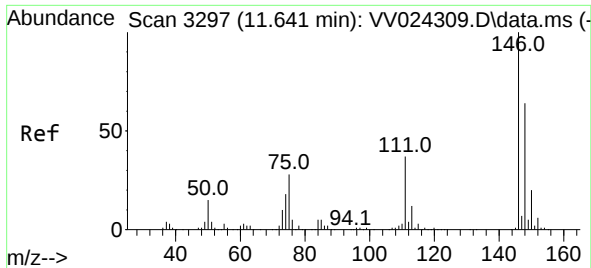
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#65
1,4-Dichlorobenzene
Concen: 0.222 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

Tgt Ion:146 Resp: 4758
Ion Ratio Lower Upper
146 100
111 43.8 25.6 47.6
148 68.6 44.8 83.2





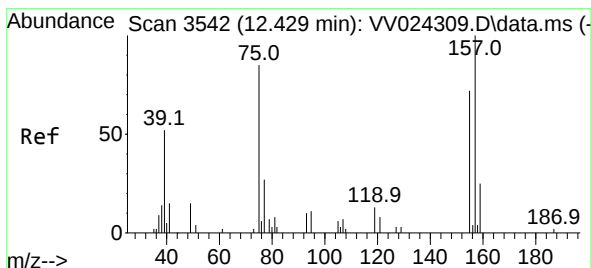
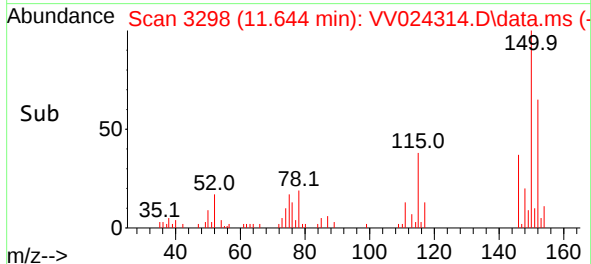
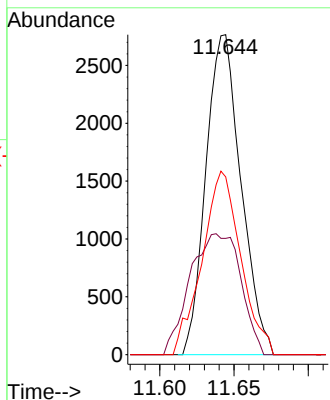
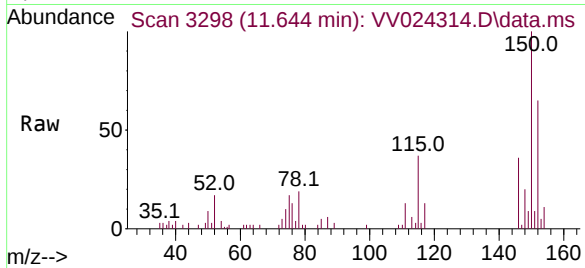
#67
1,2-Dichlorobenzene
Concen: 0.234 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 455
Ion Ratio Lower Upper
146 100
111 36.3 31.9 47.9
148 55.5 50.5 75.7

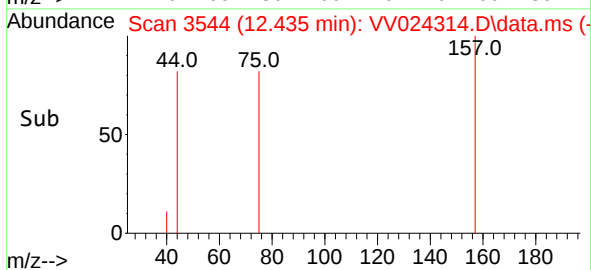
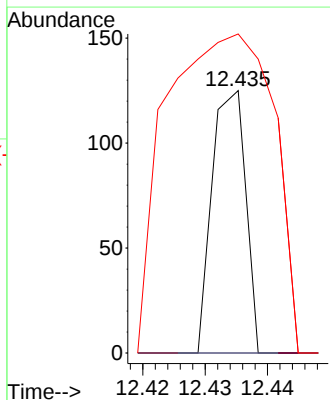
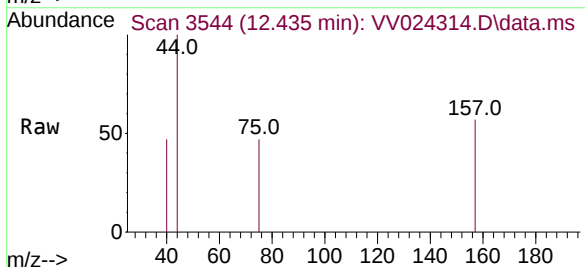
Manual Integrations
APPROVED

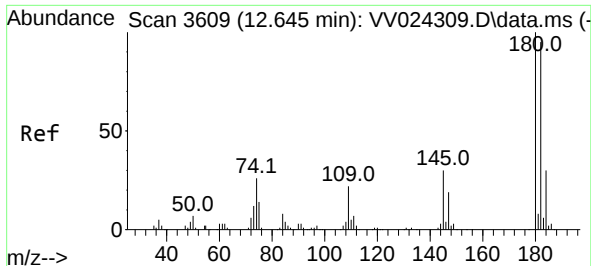
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#68
1,2-Dibromo-3-chloropropane
Concen: 0.047 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.006 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

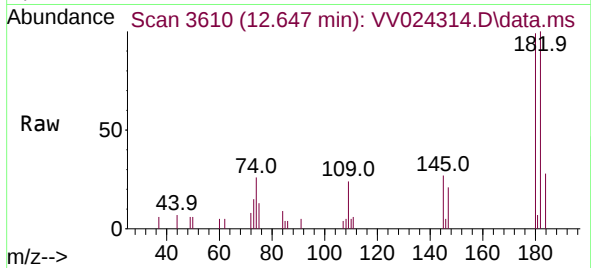
Tgt Ion: 75 Resp: 46
Ion Ratio Lower Upper
75 100
155 0.0 71.7 107.5#
157 121.6 103.3 154.9





#69
1,3,5-Trichlorobenzene
Concen: 0.219 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

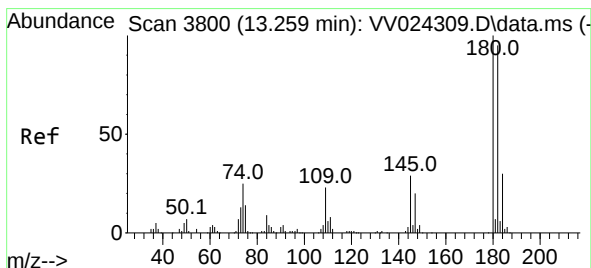
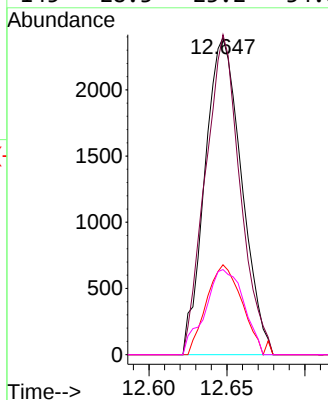
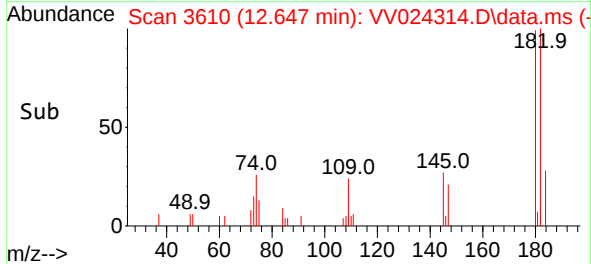
Instrument :
MSVOA_V
ClientSampleId :
MDL04



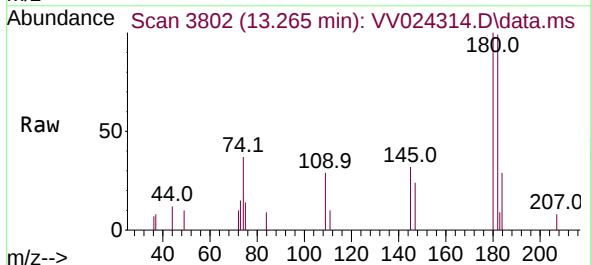
Tgt Ion:180 Resp: 3900
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
184 27.8 24.2 36.4
145 28.3 23.2 34.8

Manual Integrations
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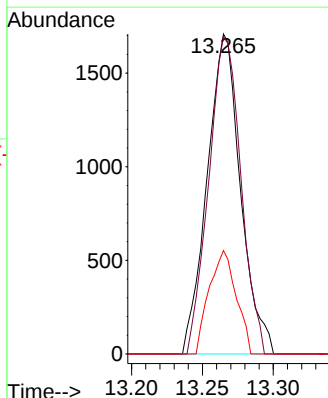
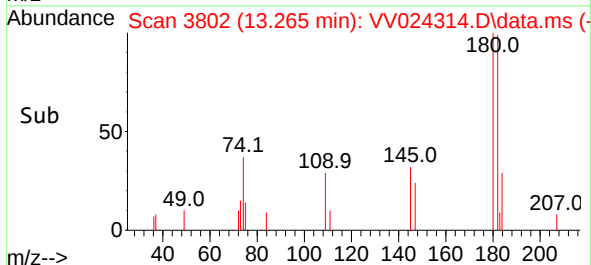
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

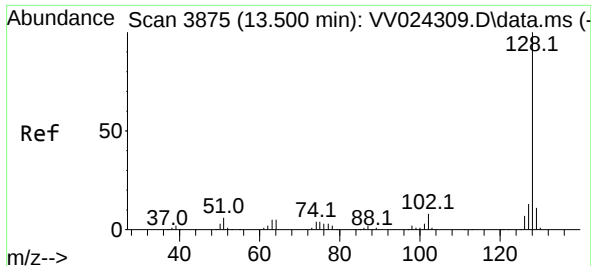


#70
1,2,4-trichlorobenzene
Concen: 0.200 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25



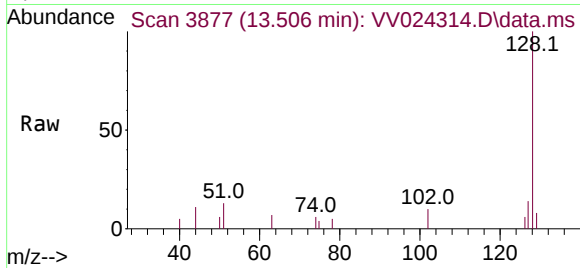
Tgt Ion:180 Resp: 2802
Ion Ratio Lower Upper
180 100
182 95.3 74.4 111.6
145 26.2 23.3 34.9





#71
Naphthalene
Concen: 0.195 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25

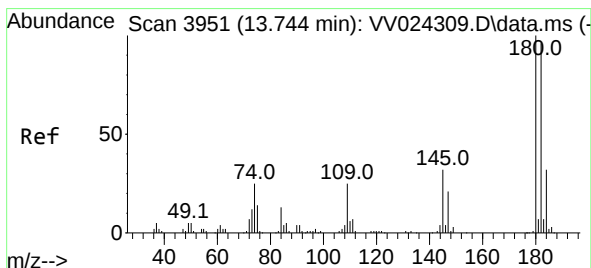
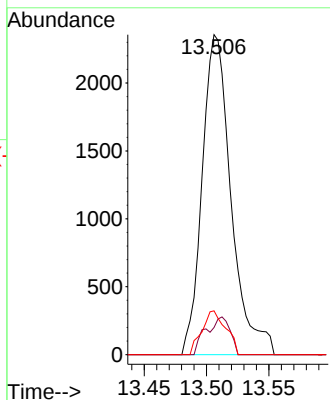
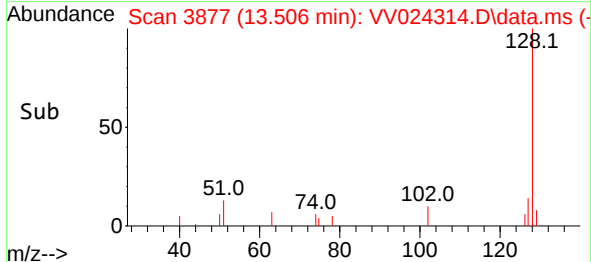
Instrument :
MSVOA_V
ClientSampleId :
MDL04



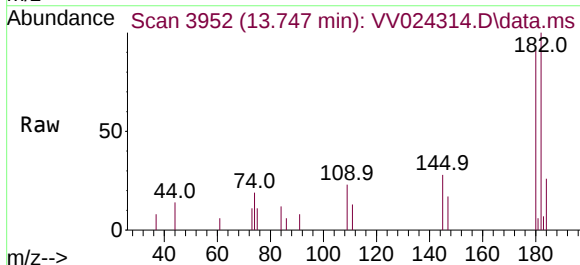
Tgt Ion:128 Resp: 3812
Ion Ratio Lower Upper
128 100
129 9.7 9.0 13.4
127 11.4 10.2 15.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#72
1,2,3-Trichlorobenzene
Concen: 0.199 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV024314.D
Acq: 08 Jan 2022 13:25



Tgt Ion:180 Resp: 2398
Ion Ratio Lower Upper
180 100
182 104.5 76.8 115.2
145 29.9 25.8 38.6

