

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010722\
 Data File : VW024305.D
 Acq On : 07 Jan 2022 15:36
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

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

Quant Time: Jan 08 00:12:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 08 00:06:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	103600	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	106185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32942	3.915	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.568	69	29081	4.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.108	63	51865	3.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.915	46	47158m	43.115	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.220%
24) Chloroform-d	4.346	84	69135	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.031	65	34464	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.047	84	130209	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.066	67	35580	4.602	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.314	98	118910	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.622	79	13727	3.876	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.092	63	47081	42.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23872	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	48230	4.978	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	2875	0.221	ug/L	100
3) Chloromethane	1.240	50	2028	0.233	ug/L	93
5) Vinyl chloride	1.311	62	2277	0.237	ug/L #	75
6) Bromomethane	1.523	94	1556	0.245	ug/L	96
8) Chloroethane	1.584	64	1423	0.236	ug/L	96
9) Trichlorofluoromethane	1.754	101	4012	0.211	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	2534	0.265	ug/L	90
12) 1,1-Dichloroethene	2.118	96	2268	0.277	ug/L #	1
13) Acetone	2.201	43	2584m	2.457	ug/L	
14) Carbon disulfide	2.298	76	4332	0.225	ug/L	99
15) Methyl Acetate	2.442	43	539	0.244	ug/L #	50
16) Methylene chloride	2.507	84	4217	0.336	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	4586	0.233	ug/L #	92
18) trans-1,2-Dichloroethene	2.764	96	1783	0.205	ug/L	95
19) 1,1-Dichloroethane	3.195	63	3568	0.231	ug/L	92
21) 2-Butanone	4.015	43	3272m	2.294	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	2027	0.212	ug/L	92
23) Bromochloromethane	4.249	128	826	0.194	ug/L #	74
25) Chloroform	4.378	83	5213	0.282	ug/L	98

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 08 00:06:47 2022
 Response via : Initial Calibration

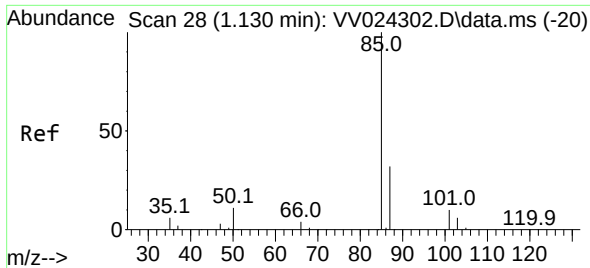
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	2428	0.237	ug/L #	73
29) 1,1,1-Trichloroethane	4.606	97	3848	0.212	ug/L #	88
30) Cyclohexane	4.677	56	2426	0.212	ug/L #	95
31) Carbon tetrachloride	4.825	117	3568	0.215	ug/L	94
33) Benzene	5.105	78	7598	0.217	ug/L	100
34) Trichloroethene	5.921	95	2348	0.240	ug/L	93
35) Methylcyclohexane	6.127	83	2817	0.206	ug/L	97
37) 1,2-Dichloropropane	6.178	63	1764	0.217	ug/L #	84
38) Bromodichloromethane	6.516	83	2750	0.215	ug/L	91
39) cis-1,3-Dichloropropene	7.037	75	2760	0.223	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	7115	1.712	ug/L #	88
42) Toluene	7.391	91	9960	0.247	ug/L	97
44) trans-1,3-Dichloropropene	7.658	75	2509	0.225	ug/L	93
45) 1,1,2-Trichloroethane	7.841	97	1307	0.198	ug/L	86
47) Tetrachloroethene	7.976	164	1815	0.199	ug/L	94
48) 2-Hexanone	8.146	43	12739m	4.154	ug/L	
49) Dibromochloromethane	8.246	129	1930	0.212	ug/L	95
50) 1,2-Dibromoethane	8.355	107	1295	0.216	ug/L #	97
51) Chlorobenzene	8.883	112	6026	0.217	ug/L	97
52) Ethylbenzene	9.014	91	8660	0.196	ug/L	96
53) m,p-xylene	9.143	106	3458	0.195	ug/L	80
54) o-xylene	9.545	106	3192	0.184	ug/L	91
55) Styrene	9.571	104	4933	0.169	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	1411	0.210	ug/L #	89
59) Bromoform	9.735	173	1017	0.219	ug/L #	90
60) Isopropylbenzene	9.931	105	8553	0.208	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	1214	0.269	ug/L	94
62) 1,3,5-Trimethylbenzene	10.542	105	7142	0.202	ug/L	92
63) 1,2,4-Trimethylbenzene	10.915	105	7337	0.204	ug/L	97
64) 1,3-Dichlorobenzene	11.182	146	4835	0.221	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	4959	0.227	ug/L	89
67) 1,2-Dichlorobenzene	11.641	146	4464	0.226	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	12.426	75	77	0.078	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.648	180	3923	0.217	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	2925	0.206	ug/L	98
71) Naphthalene	13.506	128	3753	0.189	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	2451	0.200	ug/L	91

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

Manual Integrations APPROVED

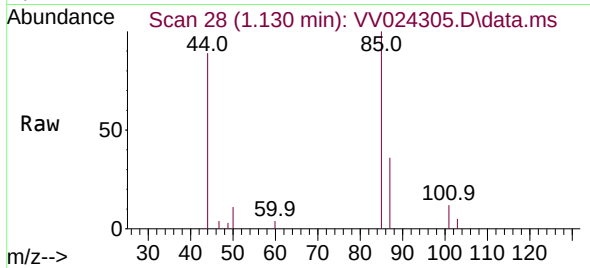
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#2
 Dichlorodifluoromethane
 Concen: 0.221 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024305.D
 Acq: 07 Jan 2022 15:36

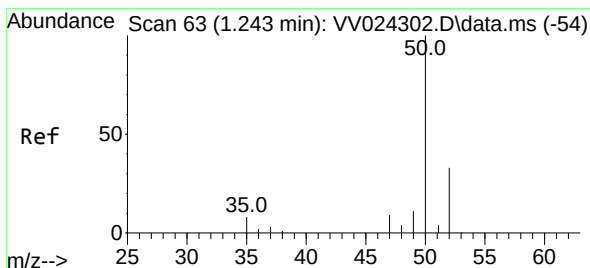
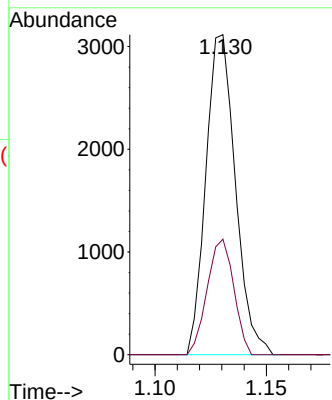
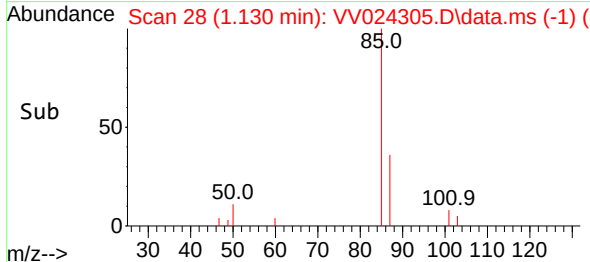
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01



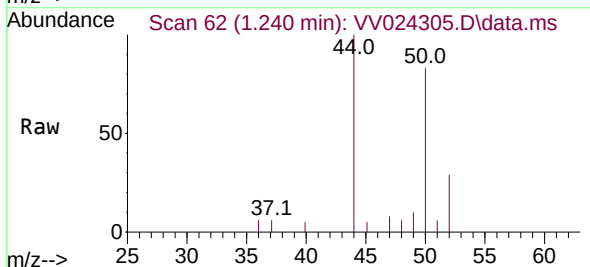
Tgt Ion: 85 Resp: 2875
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0

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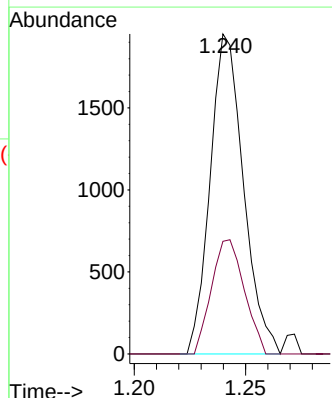
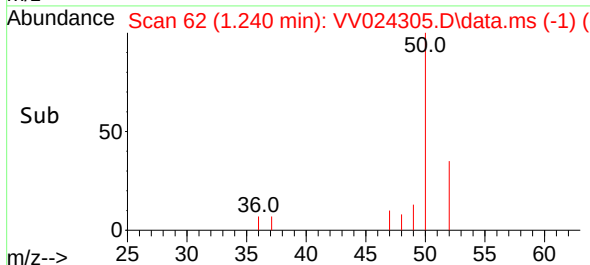
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/10/2022

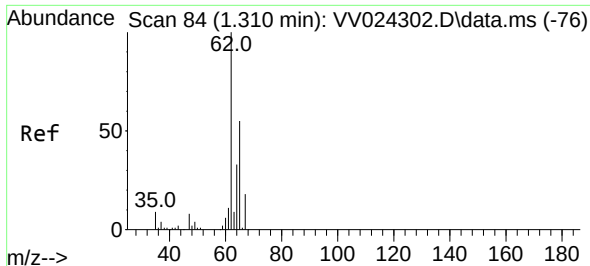


#3
 Chloromethane
 Concen: 0.233 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024305.D
 Acq: 07 Jan 2022 15:36



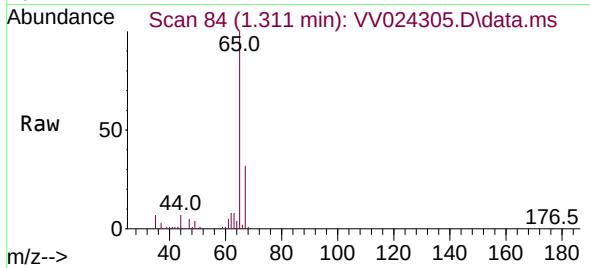
Tgt Ion: 50 Resp: 2028
 Ion Ratio Lower Upper
 50 100
 52 35.2 22.0 41.0





#5
 Vinyl chloride
 Concen: 0.237 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024305.D
 Acq: 07 Jan 2022 15:36

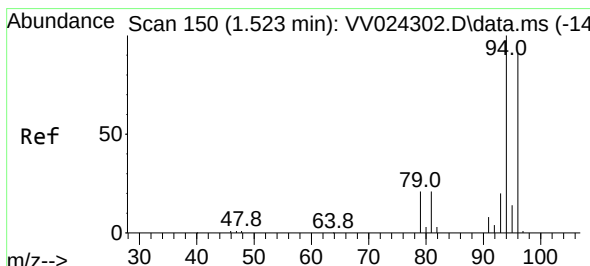
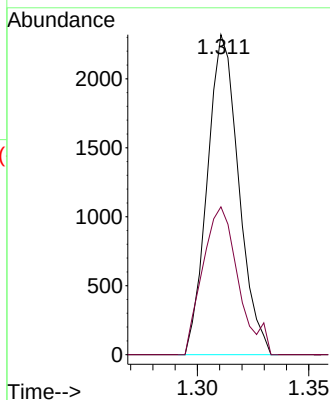
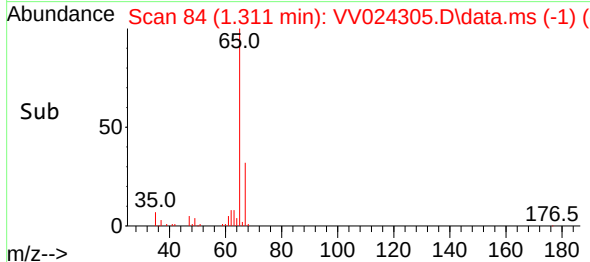
Instrument :
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 ClientSampleId :
 MDL01



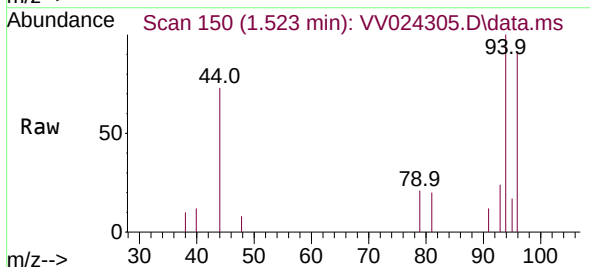
Tgt Ion: 62 Resp: 227
 Ion Ratio Lower Upper
 62 100
 64 46.2 22.4 41.6

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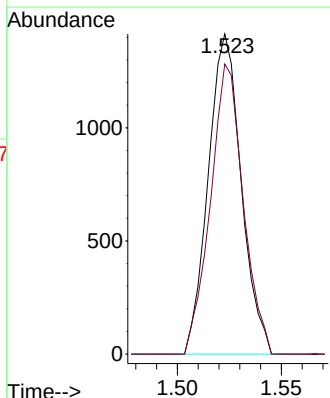
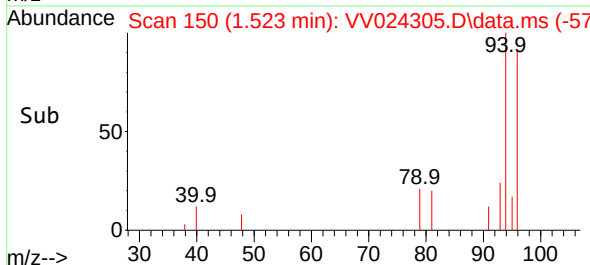
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/10/2022

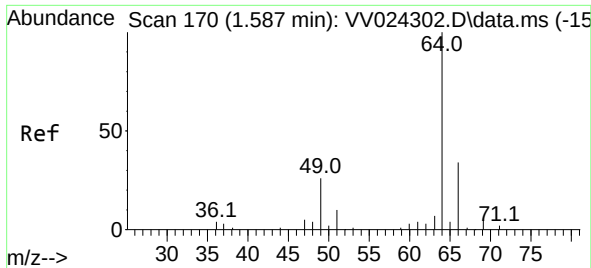


#6
 Bromomethane
 Concen: 0.245 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024305.D
 Acq: 07 Jan 2022 15:36



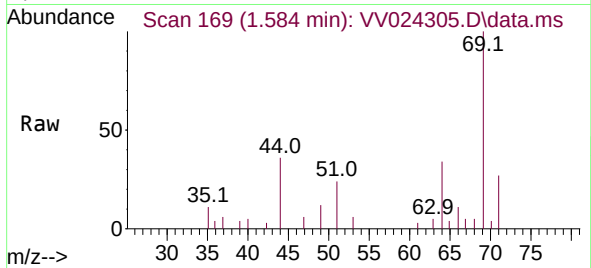
Tgt Ion: 94 Resp: 1556
 Ion Ratio Lower Upper
 94 100
 96 90.6 66.2 123.0





#8
Chloroethane
Concen: 0.236 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

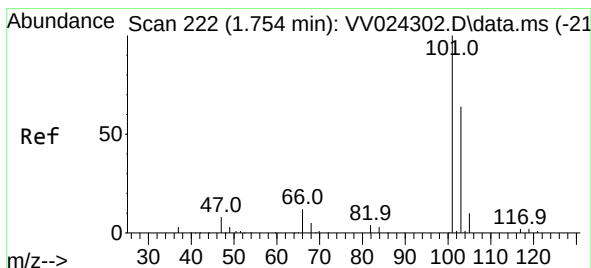
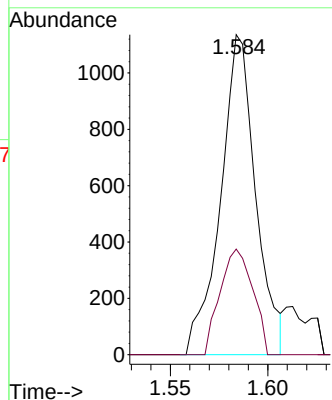
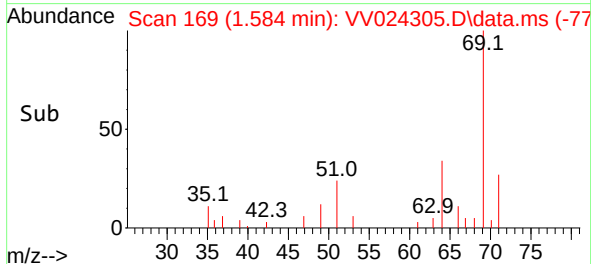
Instrument :
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Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 33.0 21.4 39.8

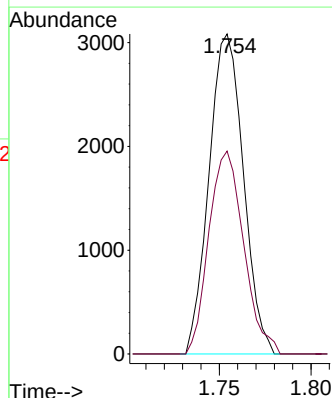
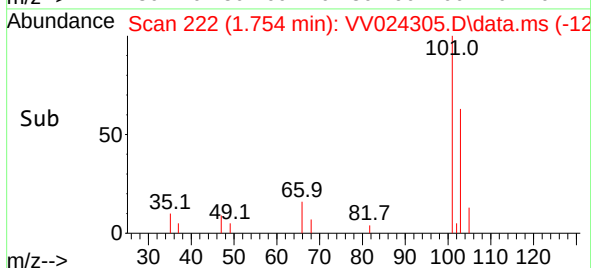
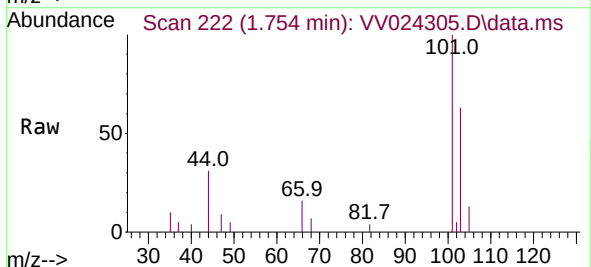
Manual Integrations
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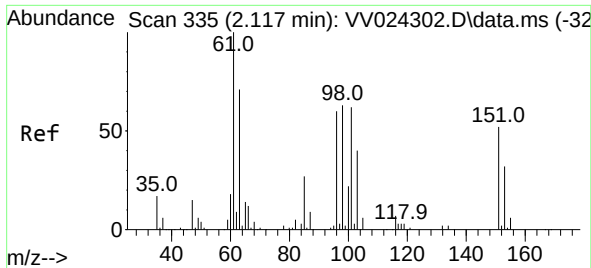
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#9
Trichlorofluoromethane
Concen: 0.211 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

Tgt Ion:101 Resp: 4012
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.265 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

Instrument :

MSVOA_V

ClientSampleId :

MDL01

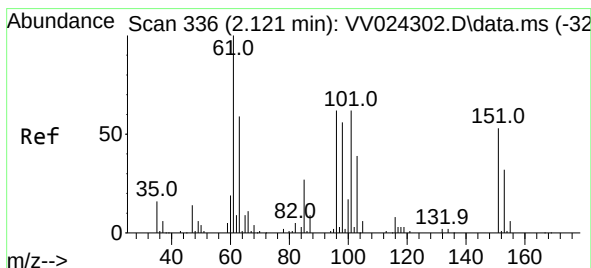
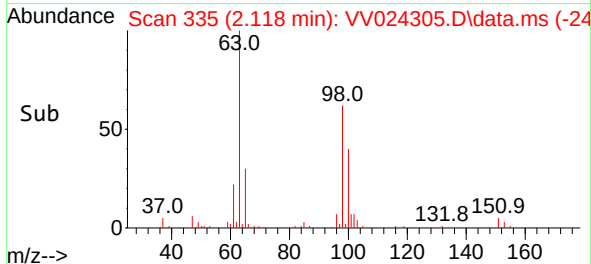
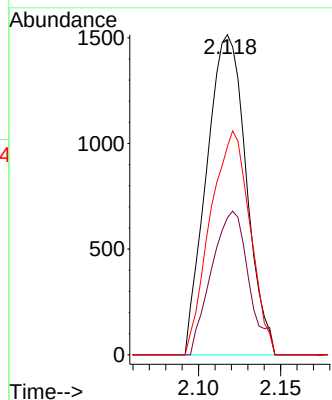
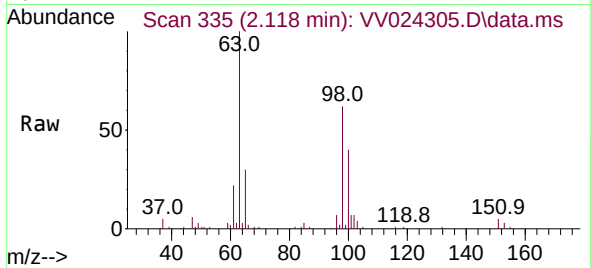
Tgt Ion:	101	Resp:	2534
Ion Ratio	Lower	Upper	
101	100		
85	42.5	36.0	54.0
151	70.3	66.4	99.6

Manual Integrations

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Supervised By :Mahesh Dadoda 01/10/2022



#12

1,1-Dichloroethene

Concen: 0.277 ug/L

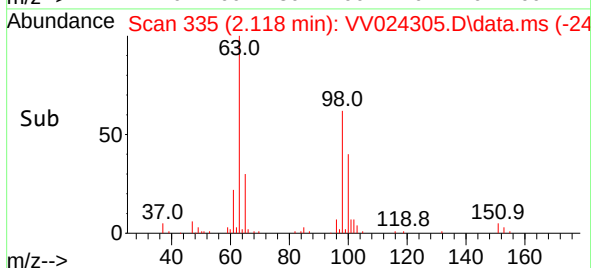
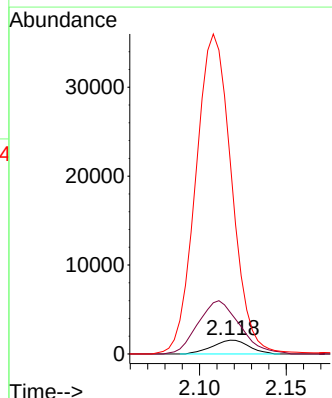
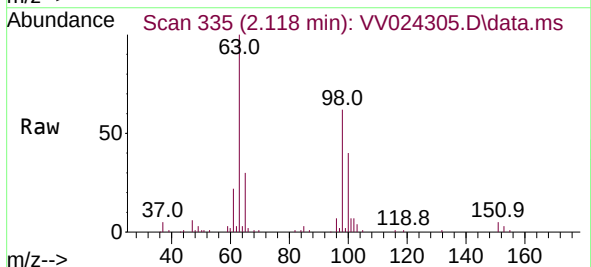
RT: 2.118 min Scan# 335

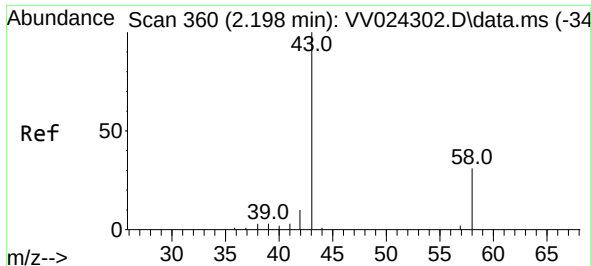
Delta R.T. -0.003 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

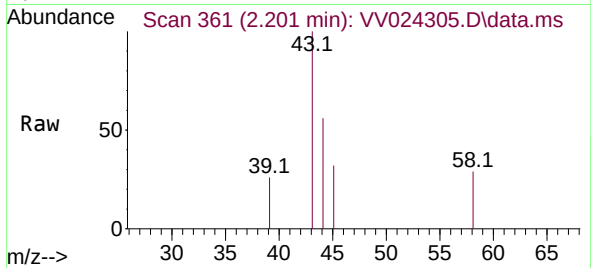
Tgt Ion:	96	Resp:	2268
Ion Ratio	Lower	Upper	
96	100		
61	303.1	116.1	215.5#
63	1407.6	79.4	147.4#





#13
Acetone
Concen: 2.457 ug/L m
RT: 2.201 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

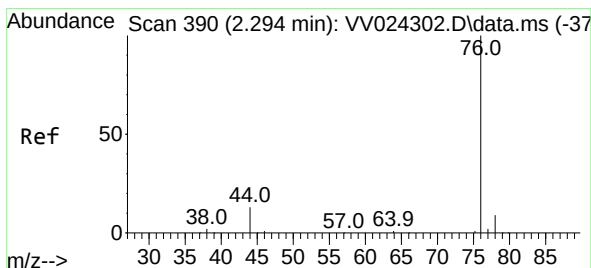
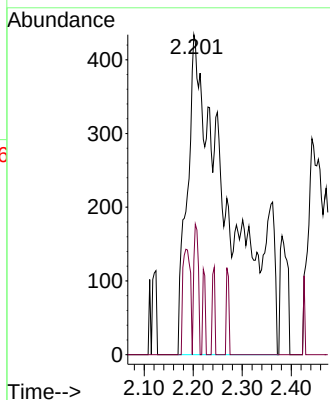
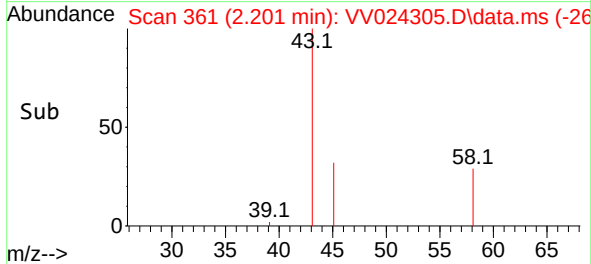
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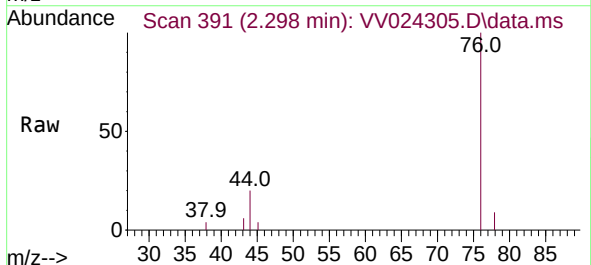
Tgt Ion: 43 Resp: 2584
Ion Ratio Lower Upper
43 100
58 4.4 0.0 41.4

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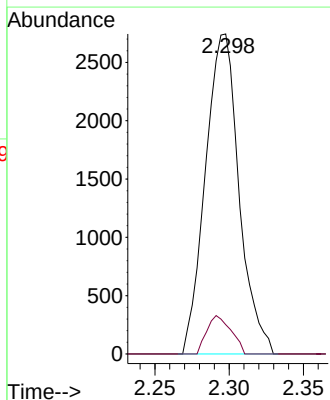
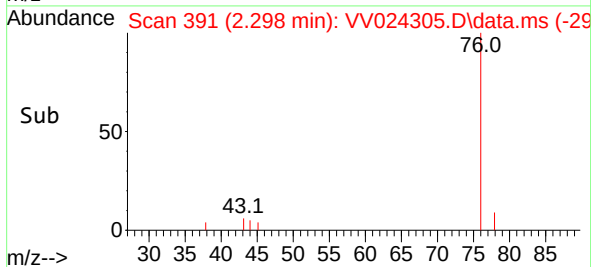
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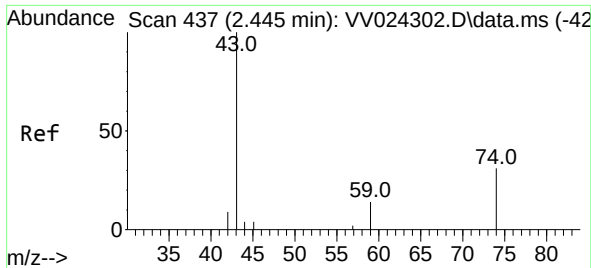


#14
Carbon disulfide
Concen: 0.225 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36



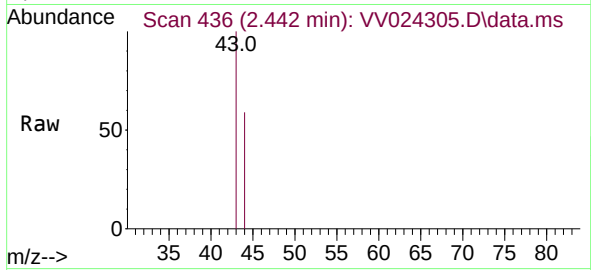
Tgt Ion: 76 Resp: 4332
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3





#15
Methyl Acetate
Concen: 0.244 ug/L
RT: 2.442 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

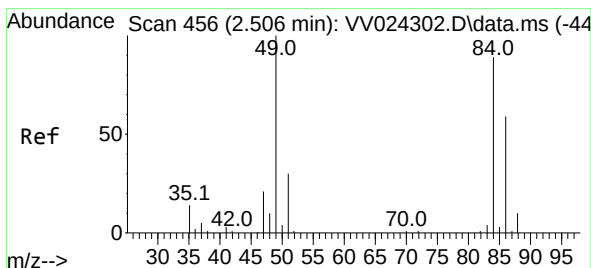
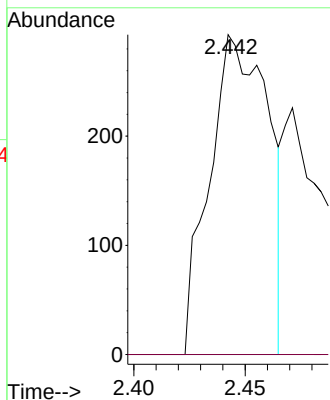
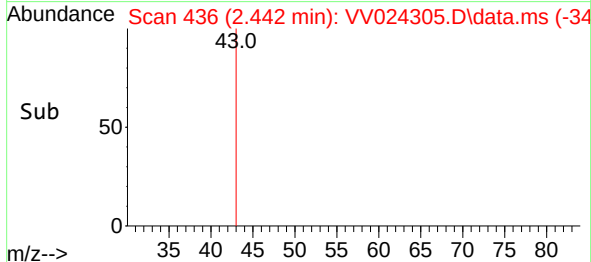
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2

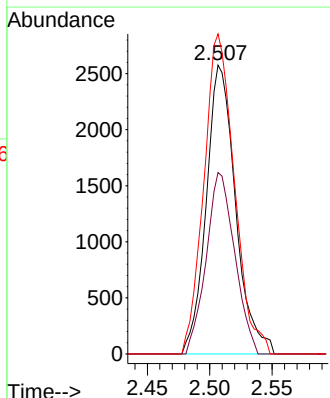
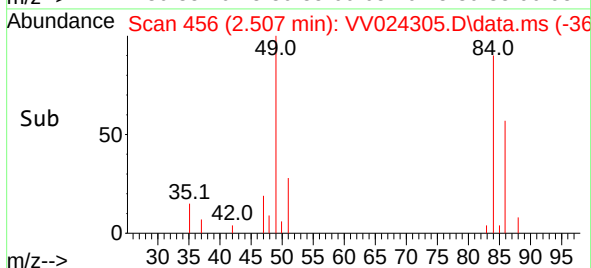
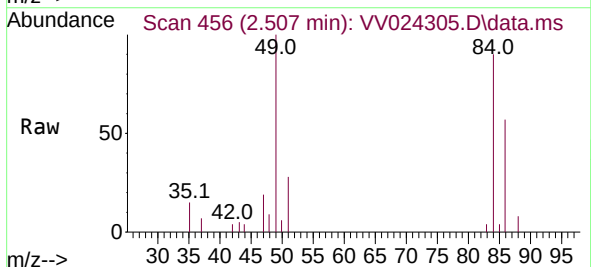
Manual Integrations
APPROVED

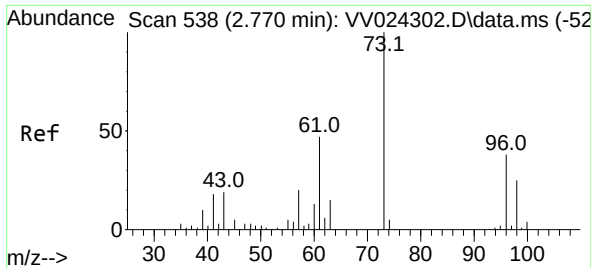
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#16
Methylene chloride
Concen: 0.336 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

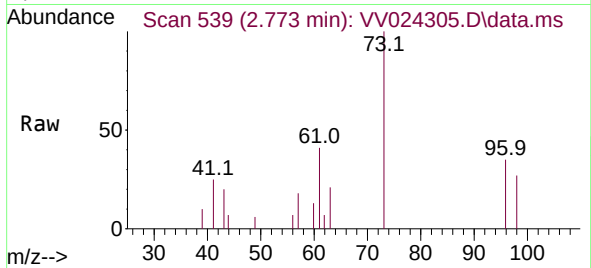
Tgt Ion: 84 Resp: 4217
Ion Ratio Lower Upper
84 100
86 62.8 42.6 79.0
49 110.8 79.7 147.9





#17
Methyl tert-butyl Ether
Concen: 0.233 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

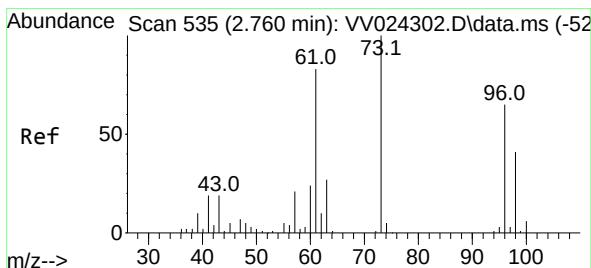
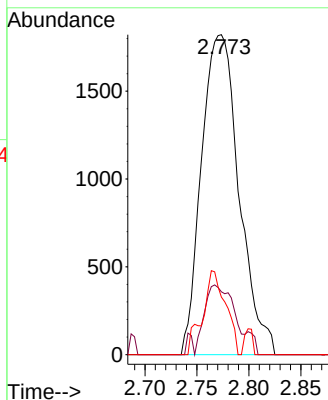
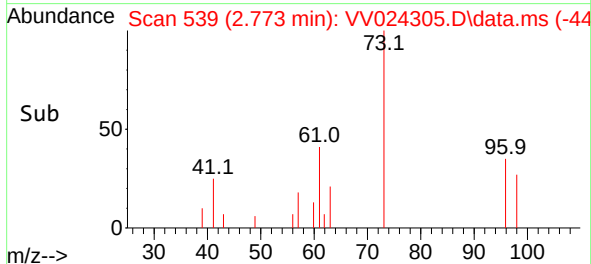
Instrument :
MSVOA_V
ClientSampleId :
MDL01



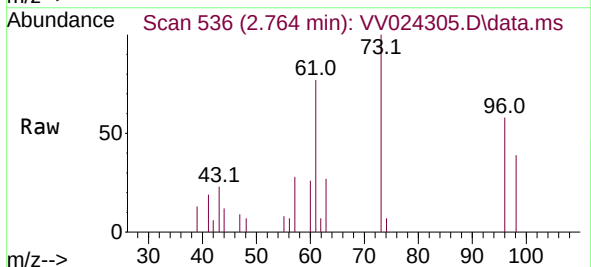
Tgt Ion: 73 Resp: 4580
Ion Ratio Lower Upper
73 100
43 17.0 15.5 23.3
57 16.1 17.1 25.7

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APPROVED

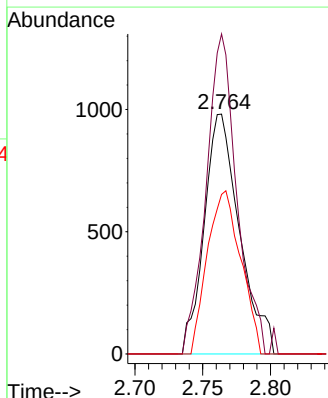
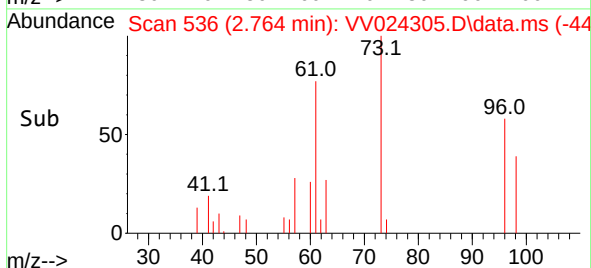
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

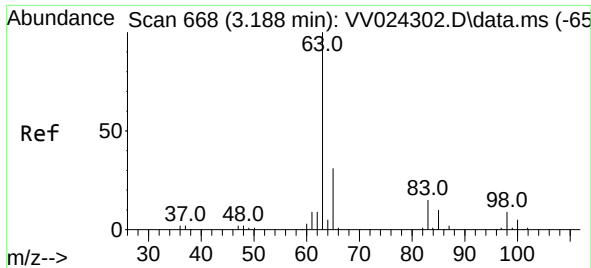


#18
trans-1,2-Dichloroethene
Concen: 0.205 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36



Tgt Ion: 96 Resp: 1783
Ion Ratio Lower Upper
96 100
61 133.4 88.2 163.8
98 66.6 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.231 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

Instrument :

MSVOA_V

ClientSampleId :

MDL01

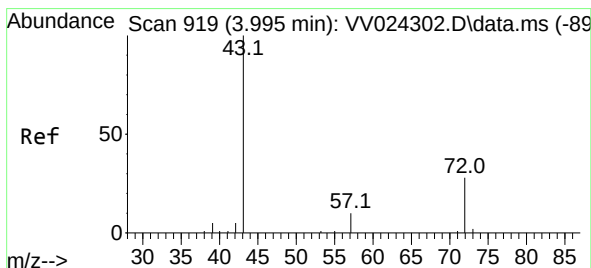
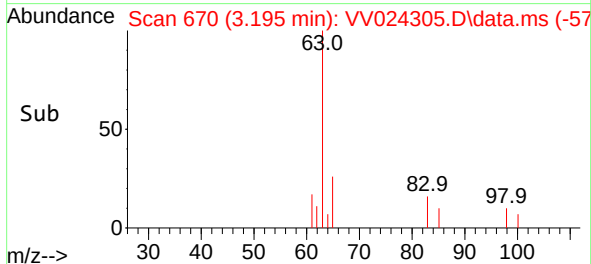
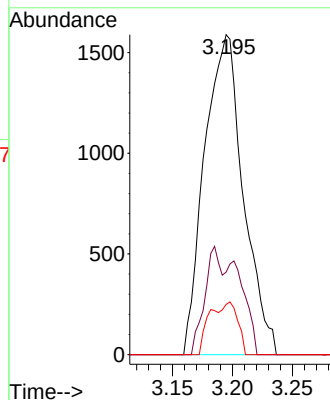
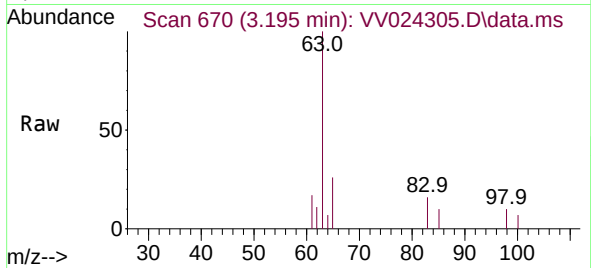
Tgt Ion: 63	Resp: 356
Ion Ratio	Lower Upper
63 100	
65 25.8	22.3 41.3
83 15.7	10.7 19.9

Manual Integrations

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Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#21

2-Butanone

Concen: 2.294 ug/L m

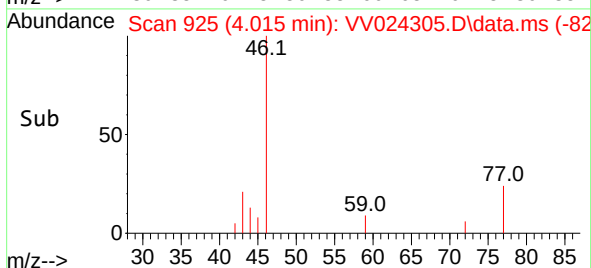
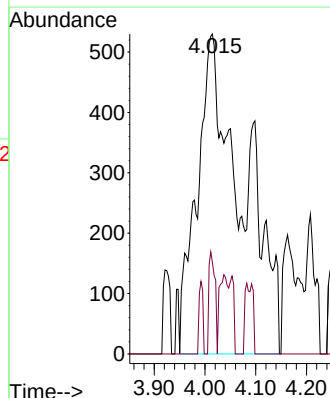
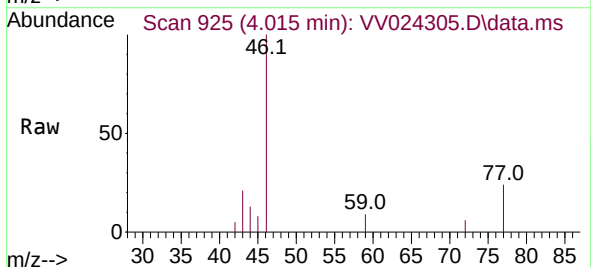
RT: 4.015 min Scan# 925

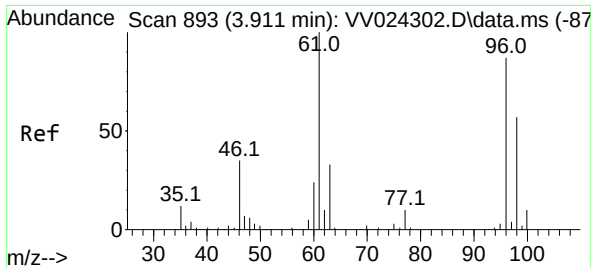
Delta R.T. 0.020 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

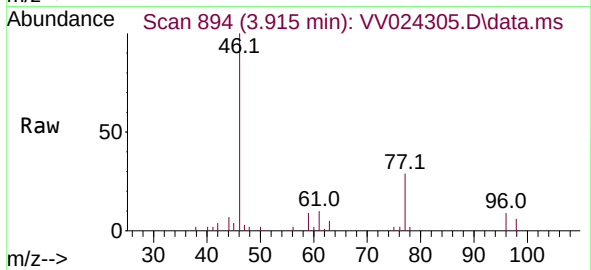
Tgt Ion: 43	Resp: 3272
Ion Ratio	Lower Upper
43 100	
72 1.9	11.1 33.1#





#22
 cis-1,2-Dichloroethene
 Concen: 0.212 ug/L
 RT: 3.915 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV024305.D
 Acq: 07 Jan 2022 15:36

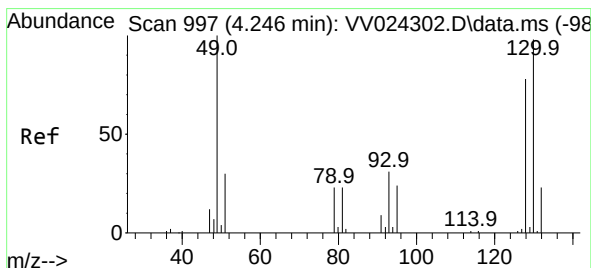
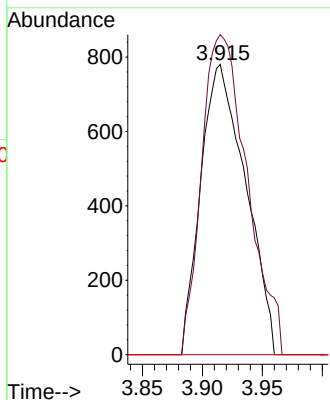
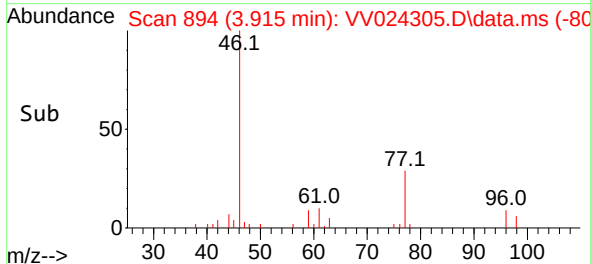
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01



Tgt Ion: 96 Resp: 202
 Ion Ratio Lower Upper
 96 100
 61 110.3 83.4 154.8
 68 0.0 0.0 0.0

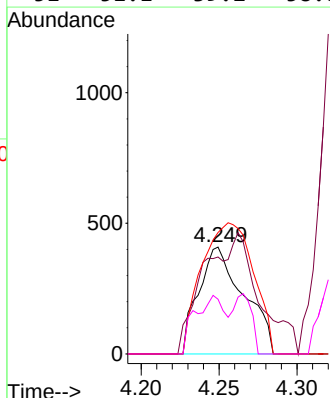
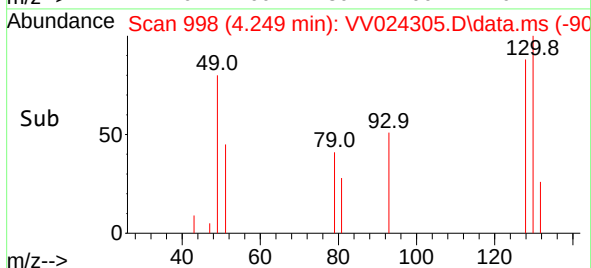
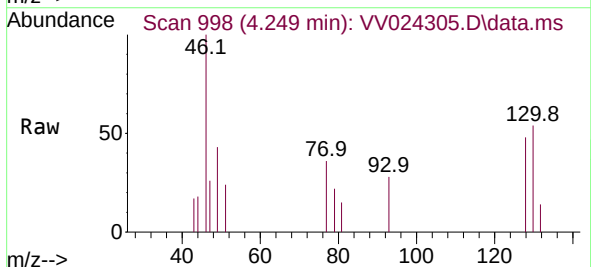
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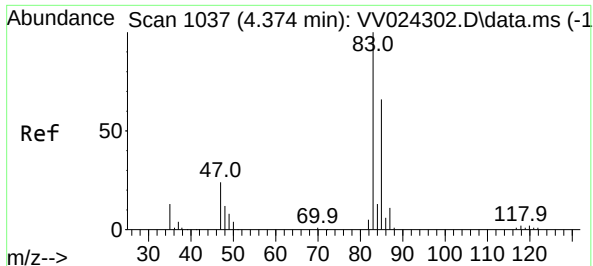
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/10/2022



#23
 Bromochloromethane
 Concen: 0.194 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV024305.D
 Acq: 07 Jan 2022 15:36

Tgt Ion:128 Resp: 826
 Ion Ratio Lower Upper
 128 100
 49 90.7 100.2 186.2#
 130 113.7 92.5 171.7
 51 51.1 39.2 58.8





#25

Chloroform

Concen: 0.282 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 83 Resp: 521

Ion Ratio Lower Upper

83 100

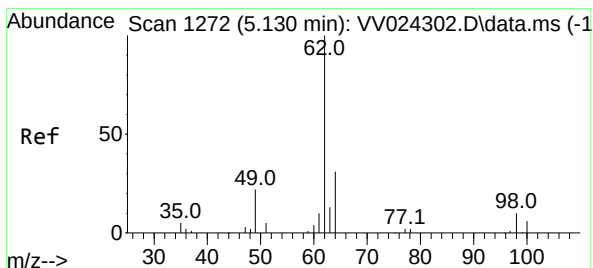
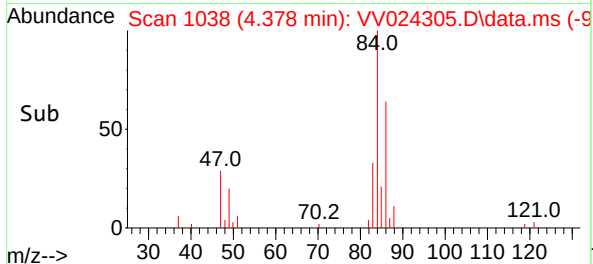
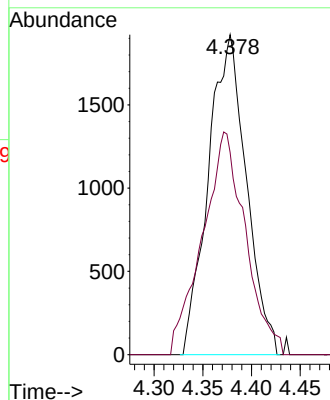
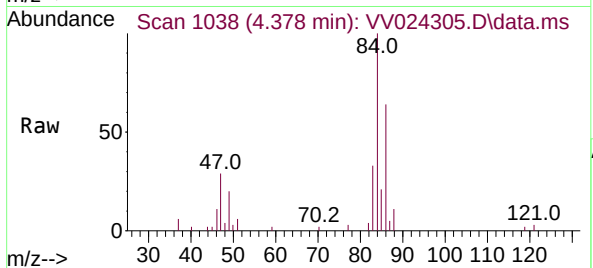
85 63.2 45.2 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#27

1,2-Dichloroethane

Concen: 0.237 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.007 min

Lab File: VV024305.D

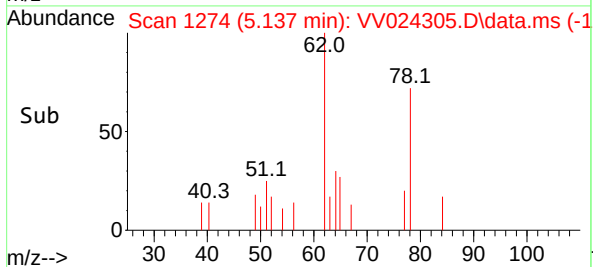
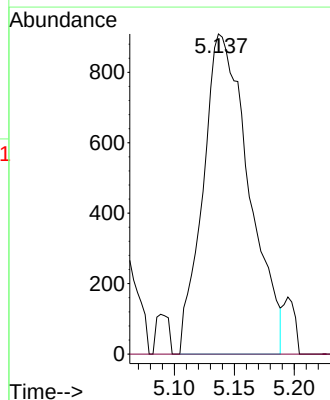
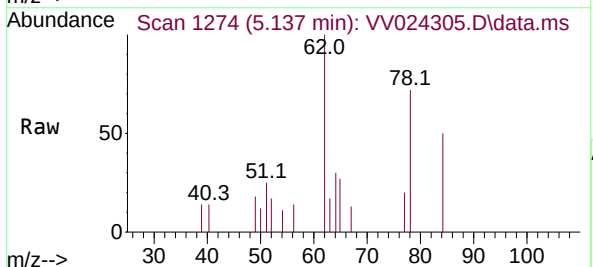
Acq: 07 Jan 2022 15:36

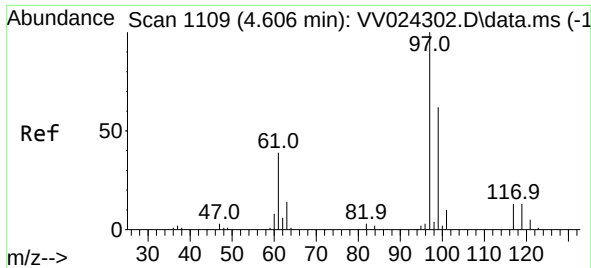
Tgt Ion: 62 Resp: 2428

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





#29

1,1,1-Trichloroethane

Concen: 0.212 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

Instrument :

MSVOA_V

ClientSampleId :

MDL01

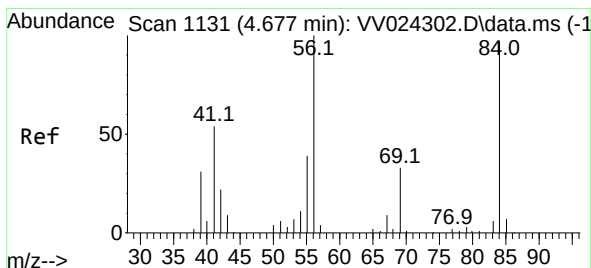
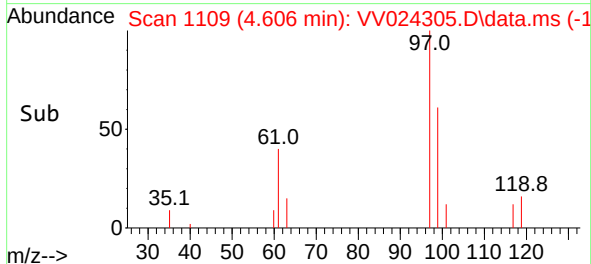
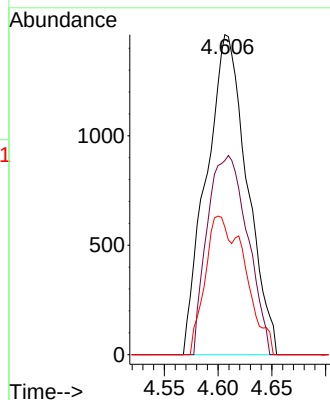
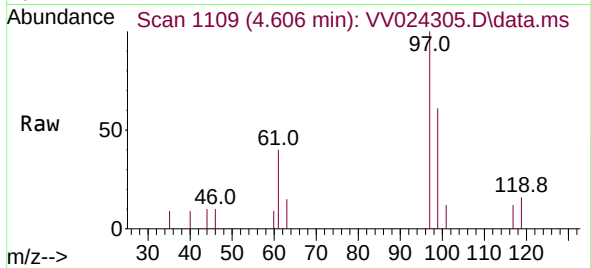
Tgt Ion: 97	Resp: 384
Ion Ratio	Lower Upper
97 100	
99 61.5	51.9 77.9
61 26.7	33.2 49.8

Manual Integrations

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Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#30

Cyclohexane

Concen: 0.212 ug/L

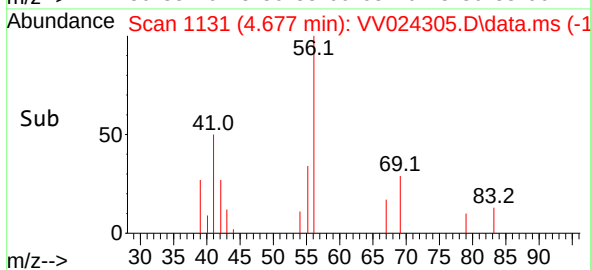
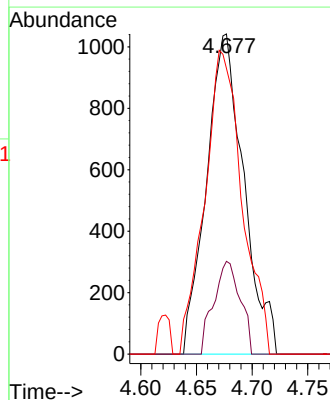
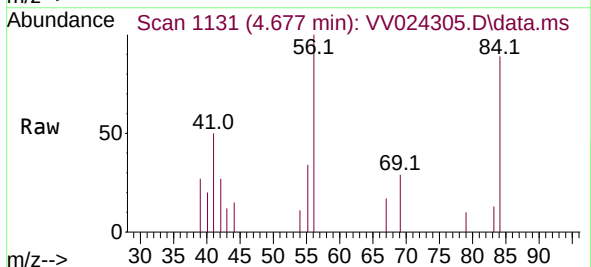
RT: 4.677 min Scan# 1131

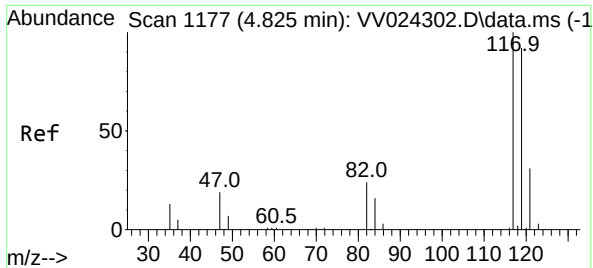
Delta R.T. 0.000 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

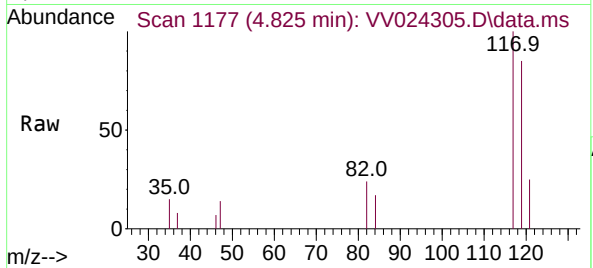
Tgt Ion: 56	Resp: 2426
Ion Ratio	Lower Upper
56 100	
69 20.5	24.8 37.2
84 95.3	75.9 113.9





#31
Carbon tetrachloride
Concen: 0.215 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

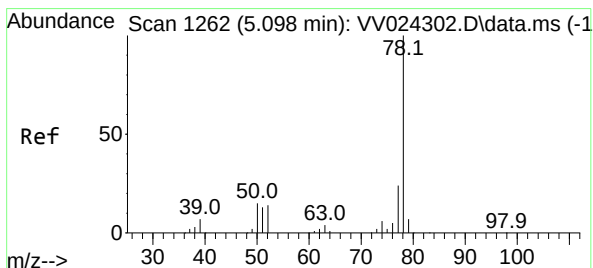
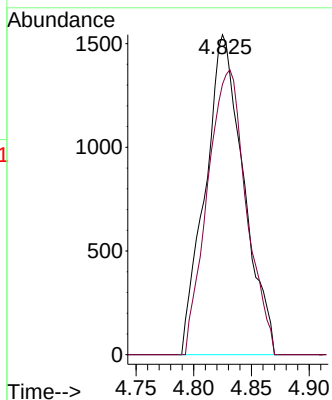
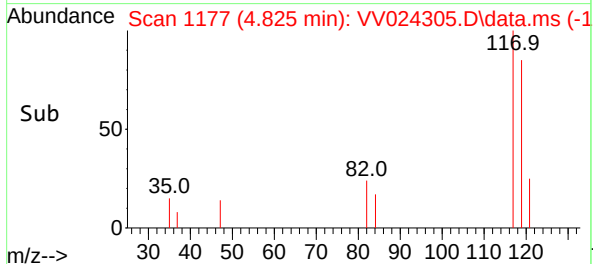
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 117 Resp: 3568
Ion Ratio Lower Upper
117 100
119 90.3 76.6 114.8

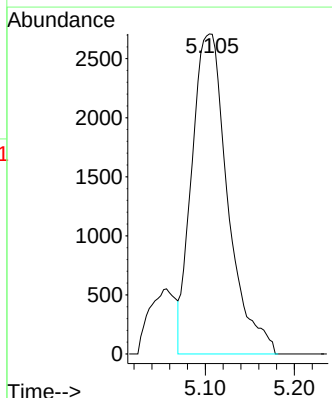
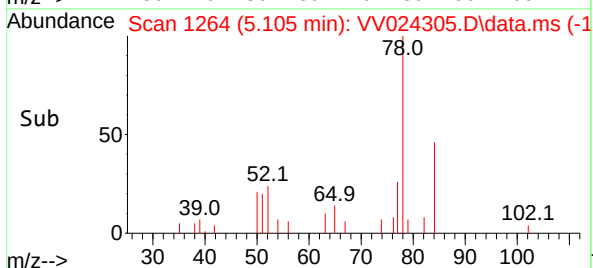
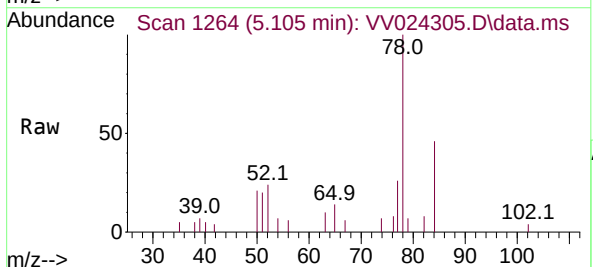
Manual Integrations
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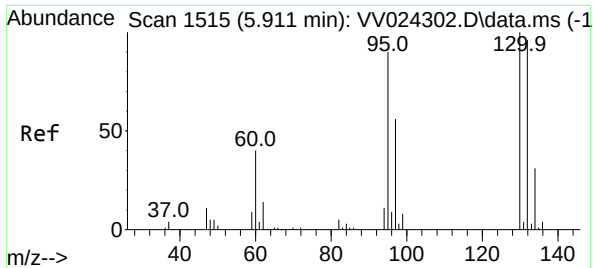
Reviewed By : John Carlone 01/10/2022
Supervised By : Mahesh Dadoda 01/10/2022



#33
Benzene
Concen: 0.217 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

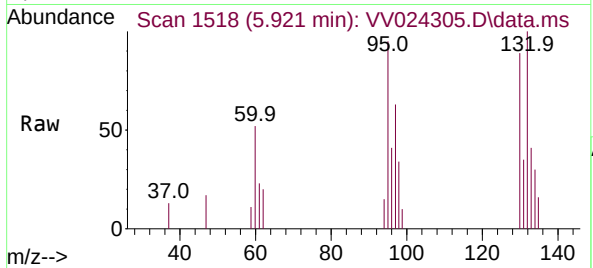
Tgt Ion: 78 Resp: 7598





#34
Trichloroethene
Concen: 0.240 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

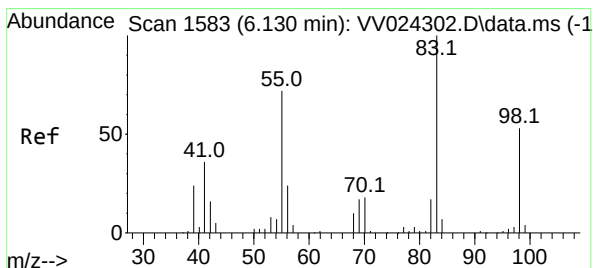
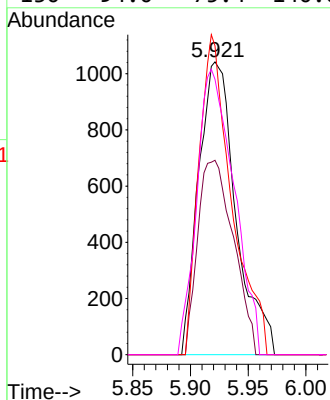
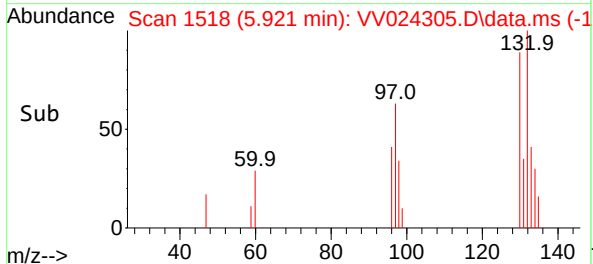
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 95 Resp: 2348
Ion Ratio Lower Upper
95 100
97 66.4 45.2 84.0
132 105.5 76.1 141.3
130 94.0 75.4 140.0

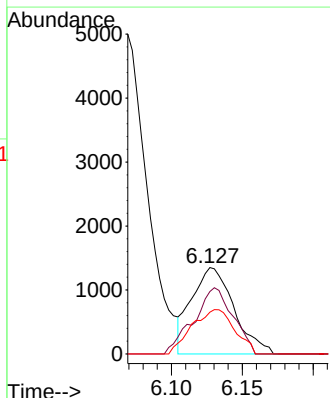
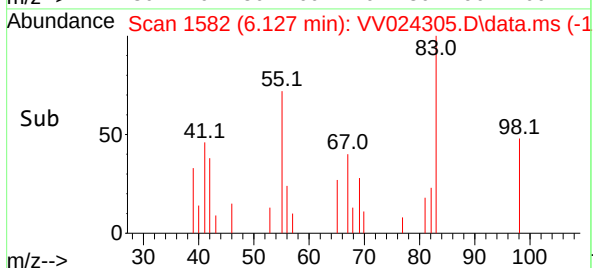
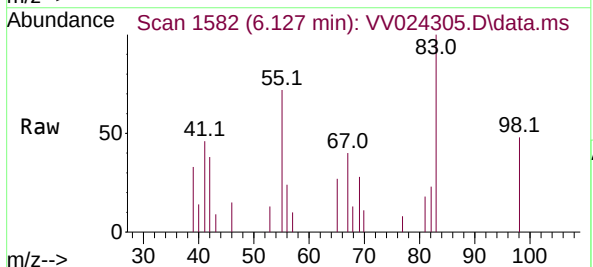
Manual Integrations
APPROVED

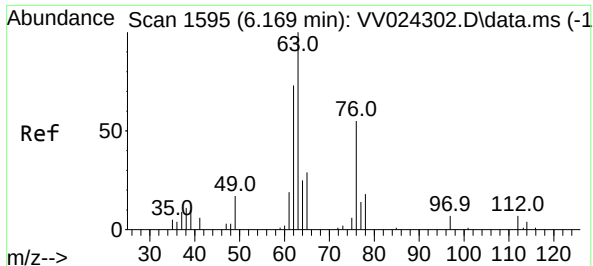
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#35
Methylcyclohexane
Concen: 0.206 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

Tgt Ion: 83 Resp: 2817
Ion Ratio Lower Upper
83 100
55 70.7 60.2 90.2
98 51.5 41.0 61.4





#37

1,2-Dichloropropane

Concen: 0.217 ug/L

RT: 6.178 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 63 Resp: 1764

Ion Ratio Lower Upper

63 100

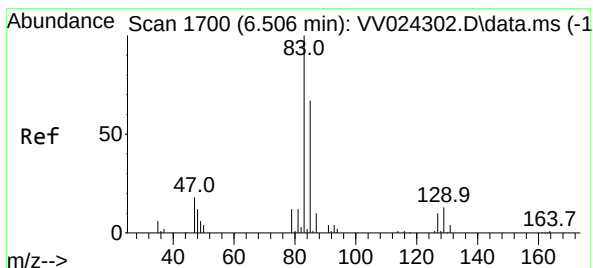
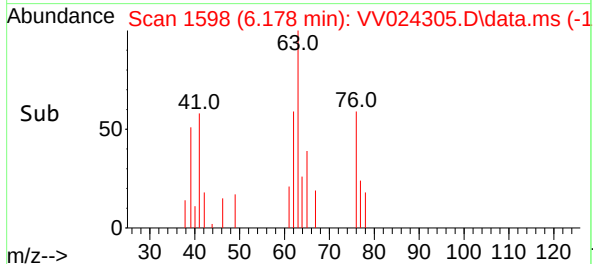
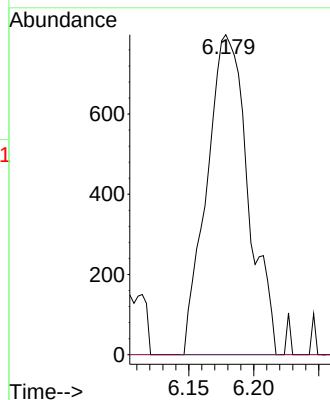
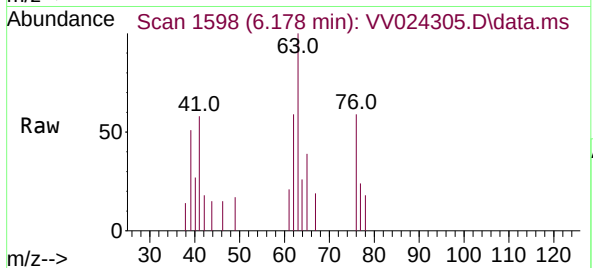
112 0.0 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#38

Bromodichloromethane

Concen: 0.215 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.010 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

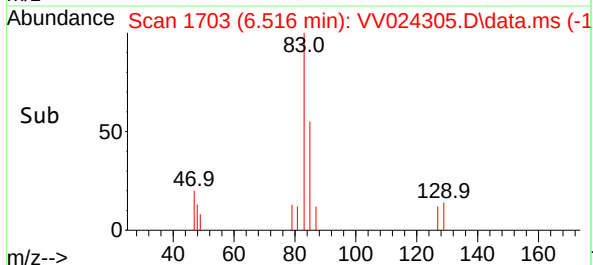
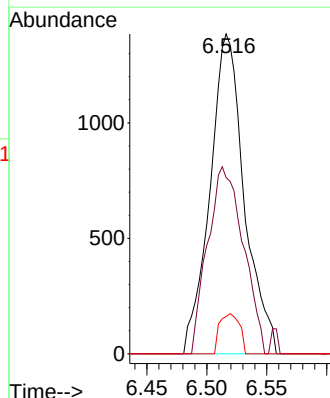
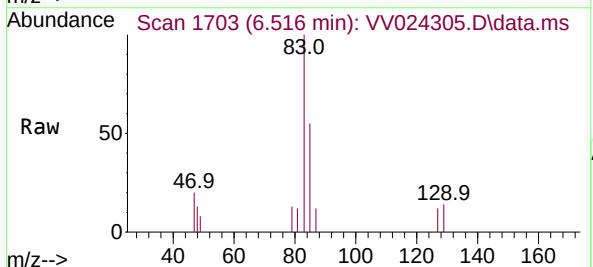
Tgt Ion: 83 Resp: 2750

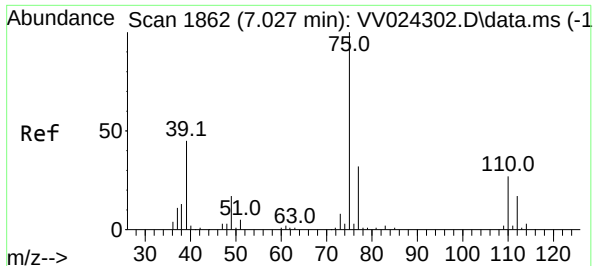
Ion Ratio Lower Upper

83 100

85 55.1 44.0 81.8

127 11.7 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 0.223 ug/L

RT: 7.037 min Scan# 1862

Delta R.T. 0.010 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 75 Resp: 2760

Ion Ratio Lower Upper

75 100

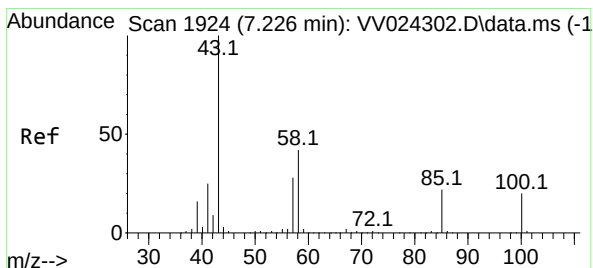
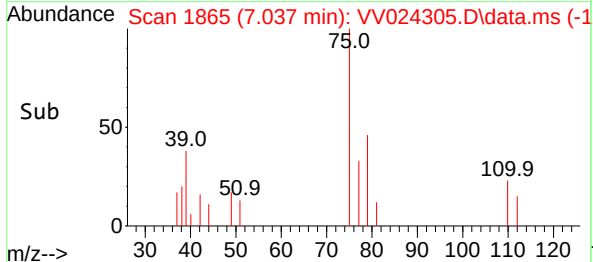
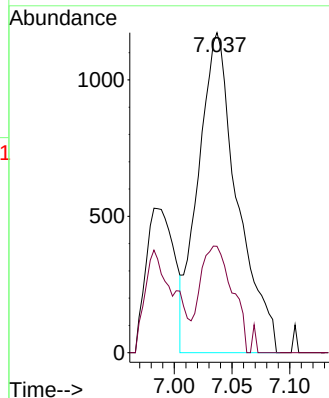
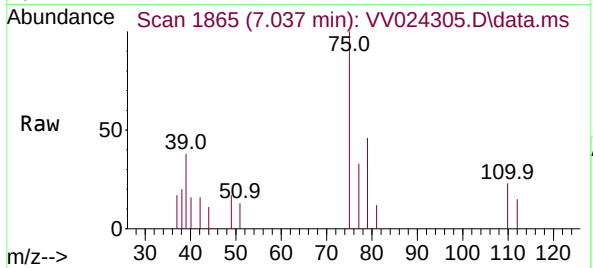
77 33.2 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#40

4-Methyl-2-pentanone

Concen: 1.712 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.007 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

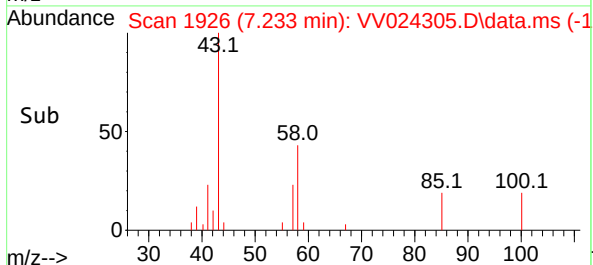
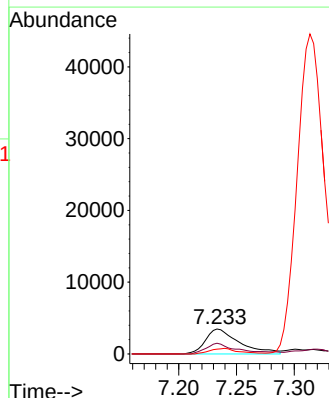
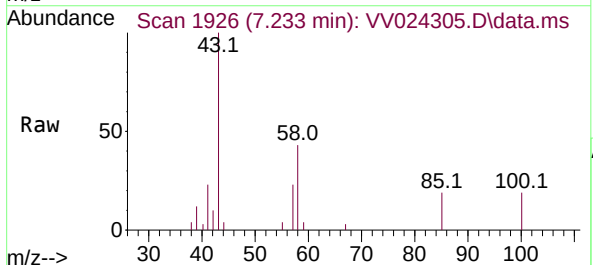
Tgt Ion: 43 Resp: 7115

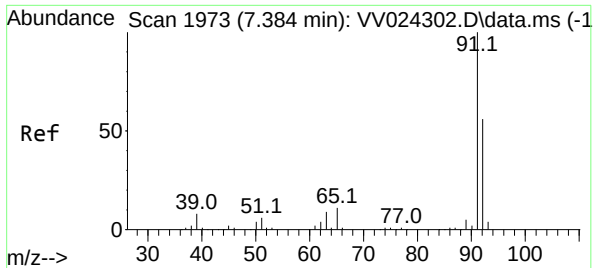
Ion Ratio Lower Upper

43 100

58 41.1 32.3 48.5

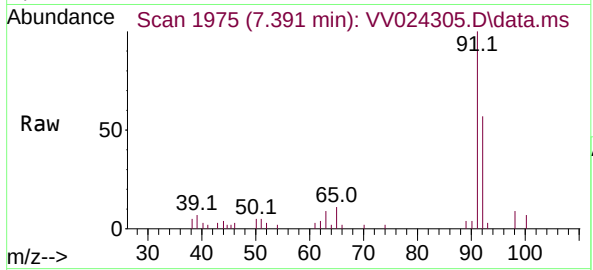
100 0.0 13.0 19.6





#42
Toluene
Concen: 0.247 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.007 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

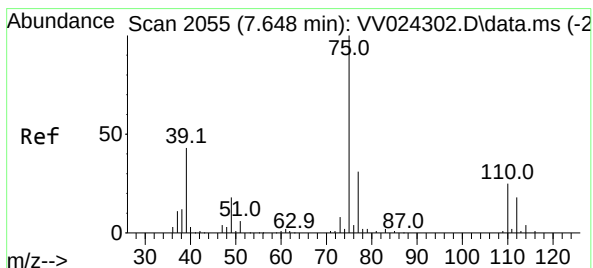
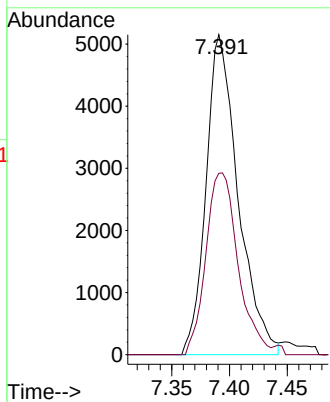
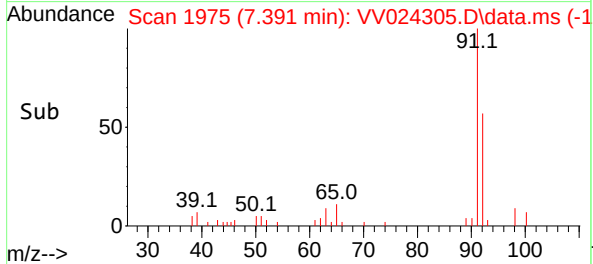
Instrument :
MSVOA_V
ClientSampleId :
MDL01



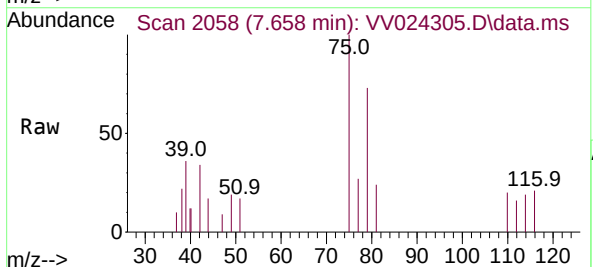
Tgt Ion: 91 Resp: 9960
Ion Ratio Lower Upper
91 100
92 56.7 41.5 77.1

Manual Integrations
APPROVED

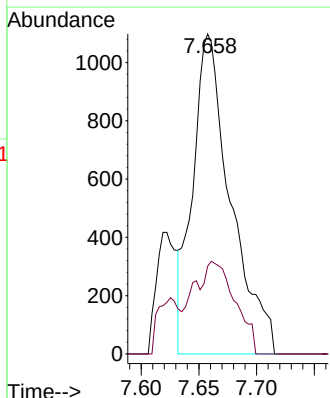
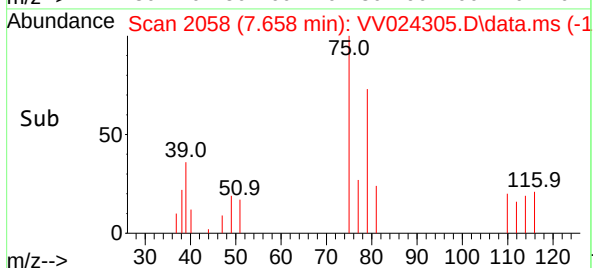
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

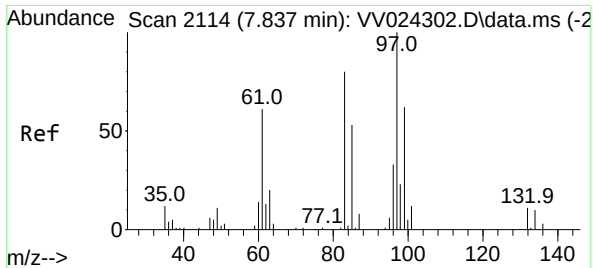


#44
trans-1,3-Dichloropropene
Concen: 0.225 ug/L
RT: 7.658 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36



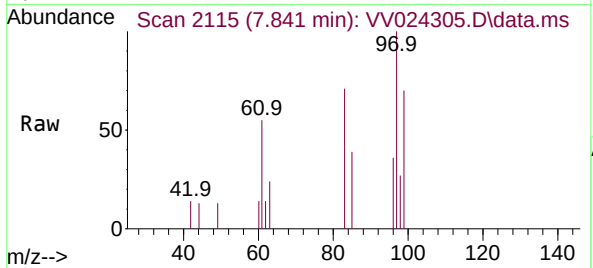
Tgt Ion: 75 Resp: 2509
Ion Ratio Lower Upper
75 100
77 27.4 21.8 40.4





#45
1,1,2-Trichloroethane
Concen: 0.198 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

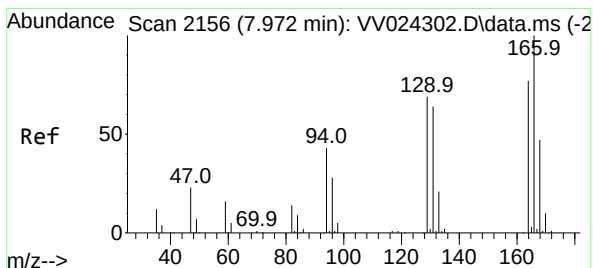
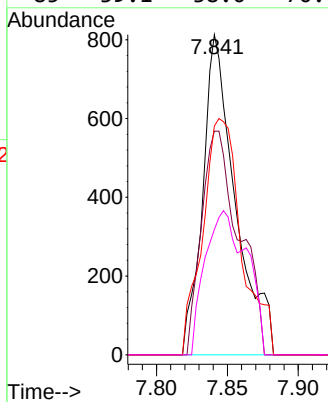
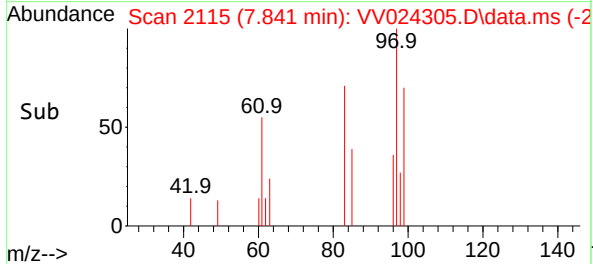
Instrument :
MSVOA_V
ClientSampleId :
MDL01



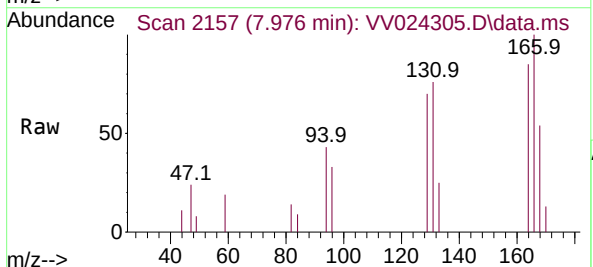
Tgt Ion	Ratio	Lower	Upper
97	100		
99	69.9	43.1	80.1
83	71.5	57.9	107.5
85	39.1	38.0	70.6

Manual Integrations
APPROVED

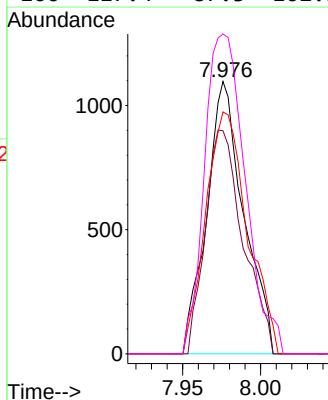
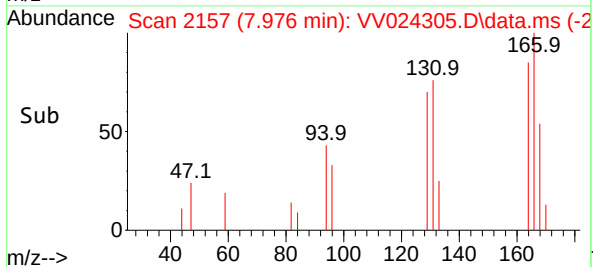
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

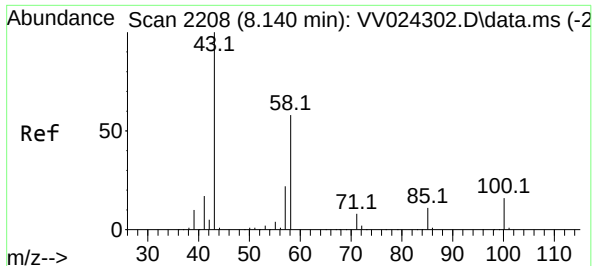


#47
Tetrachloroethene
Concen: 0.199 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36



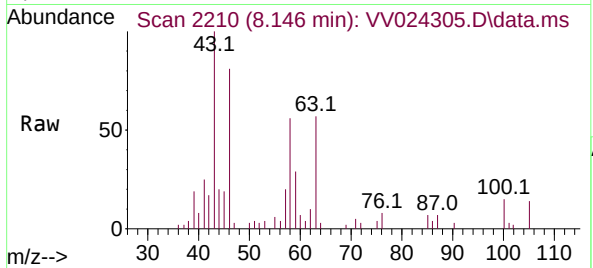
Tgt Ion	Ratio	Lower	Upper
164	100		
129	81.9	62.6	116.2
131	88.8	61.0	113.4
166	117.4	87.3	162.1





#48
2-Hexanone
Concen: 4.154 ug/L m
RT: 8.146 min Scan# 2210
Delta R.T. 0.007 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

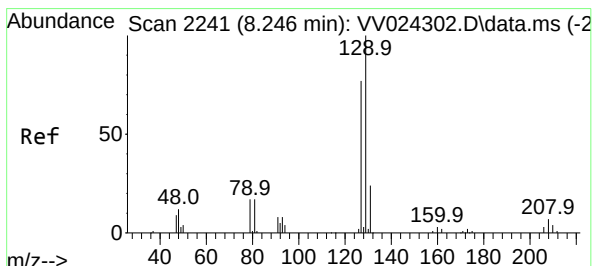
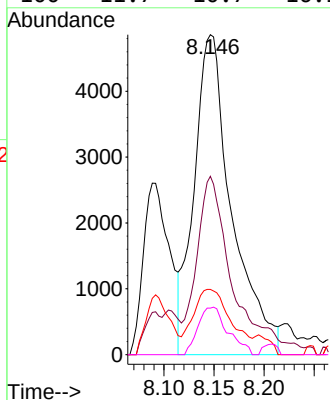
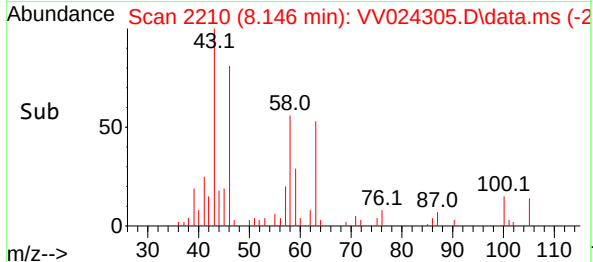
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 43 Resp: 12739
Ion Ratio Lower Upper
43 100
58 49.5 44.5 66.7
57 20.6 15.1 22.7
100 11.7 10.7 16.1

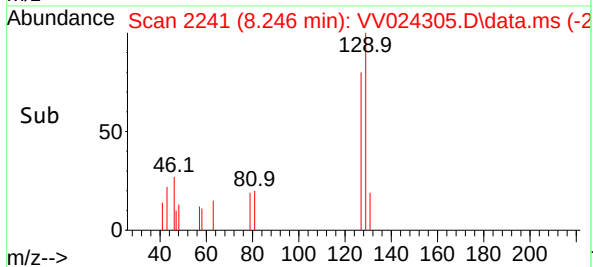
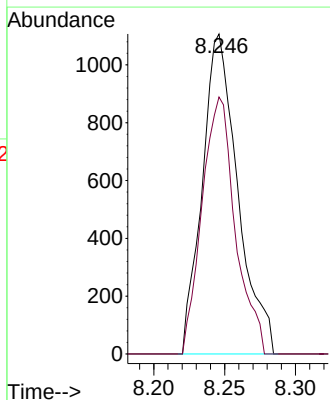
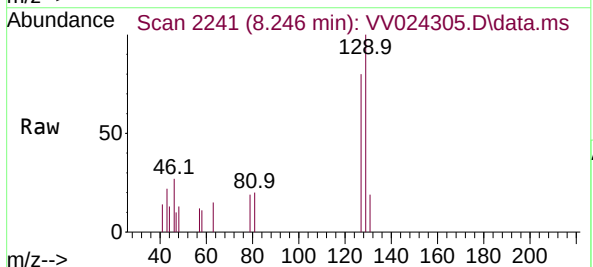
Manual Integrations
APPROVED

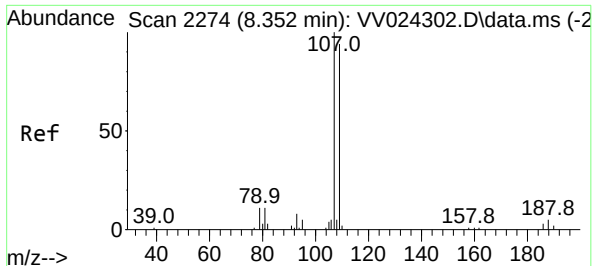
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#49
Dibromochloromethane
Concen: 0.212 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

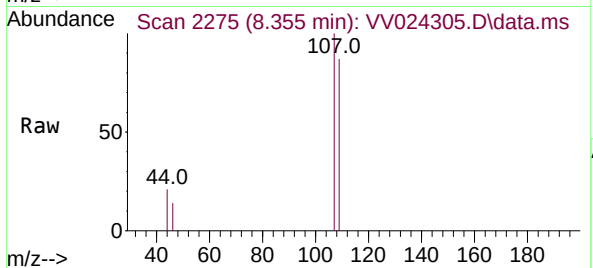
Tgt Ion:129 Resp: 1930
Ion Ratio Lower Upper
129 100
127 80.3 53.5 99.3





#50
1,2-Dibromoethane
Concen: 0.216 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

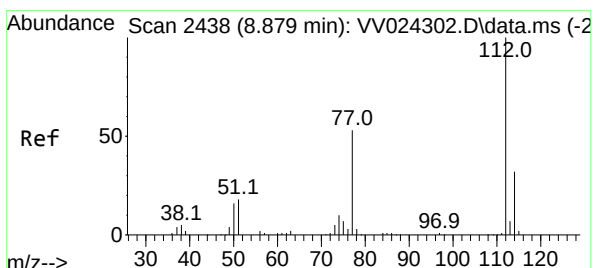
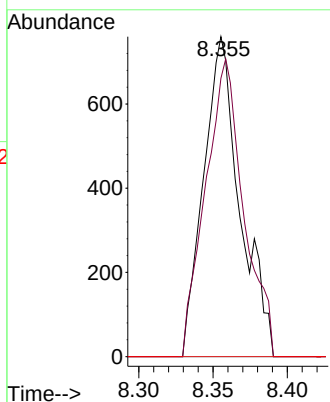
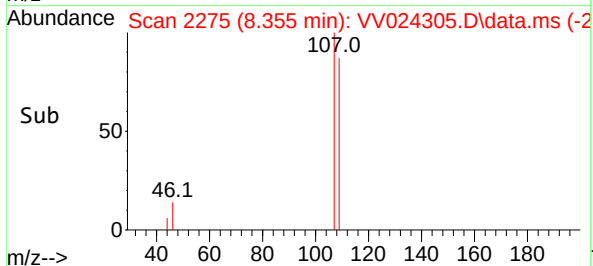
Instrument :
MSVOA_V
ClientSampleId :
MDL01



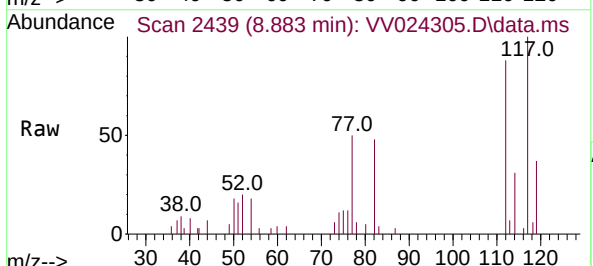
Tgt Ion:107 Resp: 129
Ion Ratio Lower Upper
107 100
109 87.0 62.5 116.1
188 0.0 3.4 5.2

Manual Integrations
APPROVED

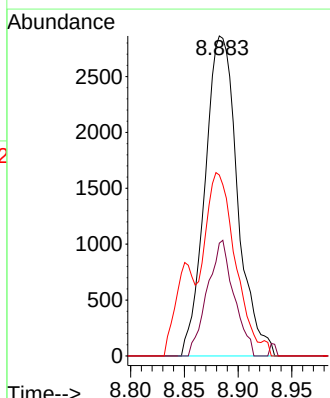
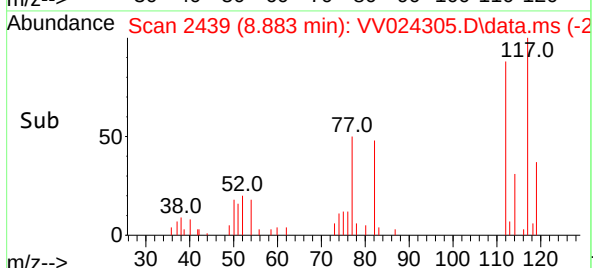
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

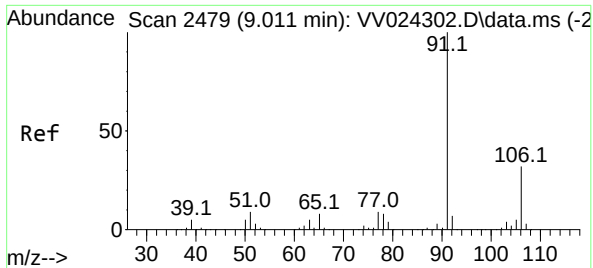


#51
Chlorobenzene
Concen: 0.217 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36



Tgt Ion:112 Resp: 6026
Ion Ratio Lower Upper
112 100
114 35.2 23.3 43.3
77 56.5 43.3 64.9





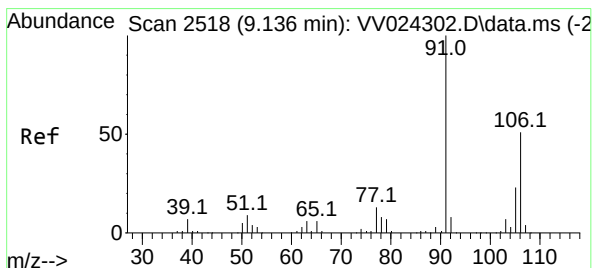
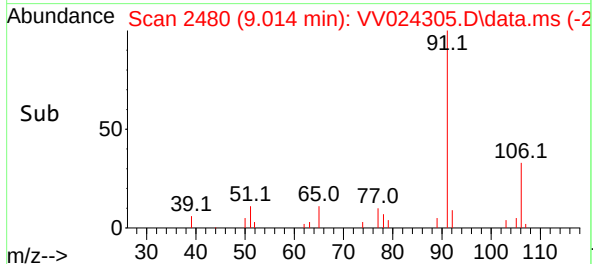
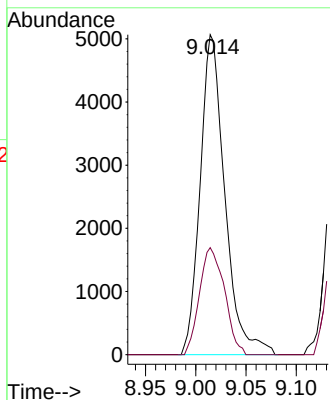
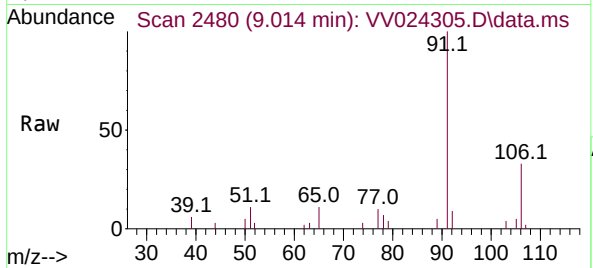
#52
Ethylbenzene
Concen: 0.196 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 8660
Ion Ratio Lower Upper
91 100
106 33.4 22.0 41.0

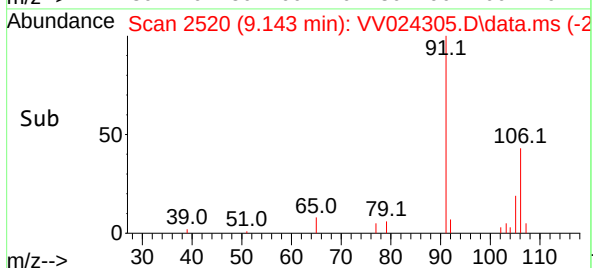
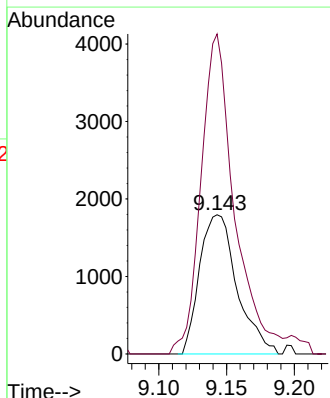
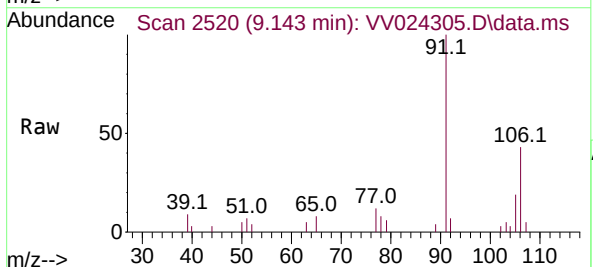
Manual Integrations
APPROVED

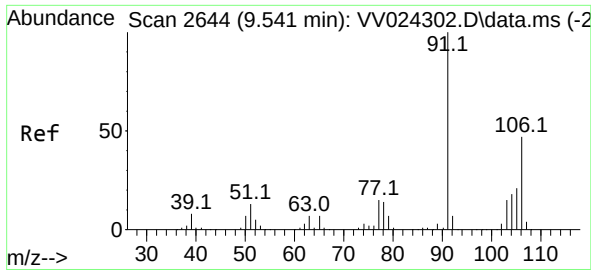
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#53
m,p-xylene
Concen: 0.195 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.007 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

Tgt Ion:106 Resp: 3458
Ion Ratio Lower Upper
106 100
91 230.0 139.5 259.1





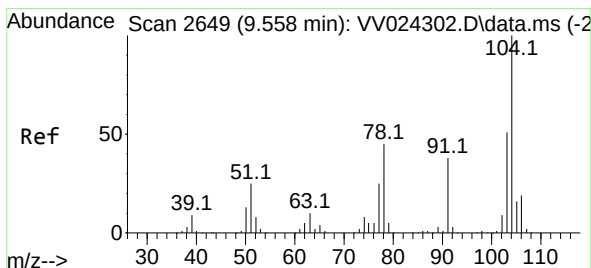
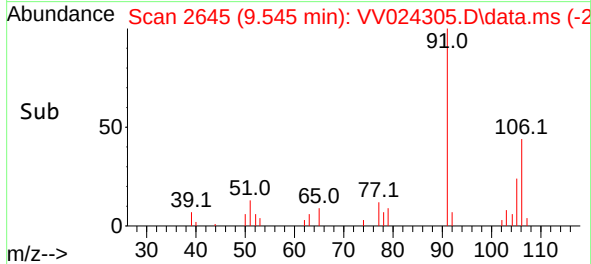
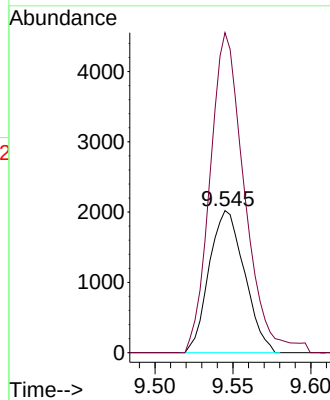
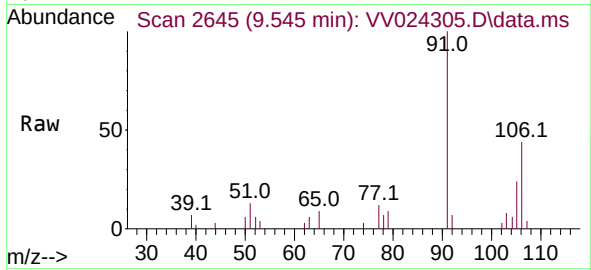
#54
o-xylene
Concen: 0.184 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:106 Resp: 3192
Ion Ratio Lower Upper
106 100
91 225.3 147.9 274.7

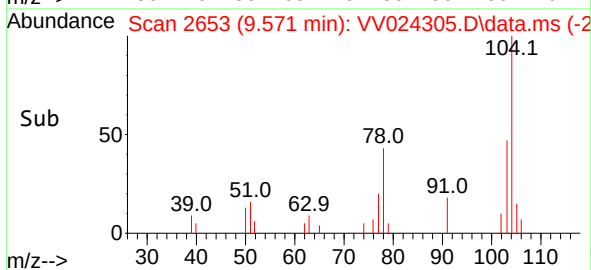
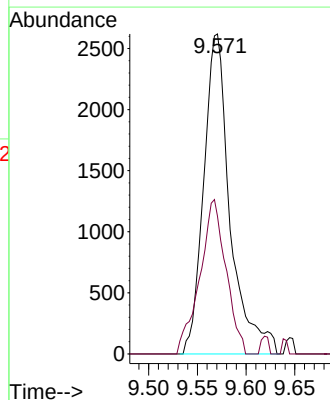
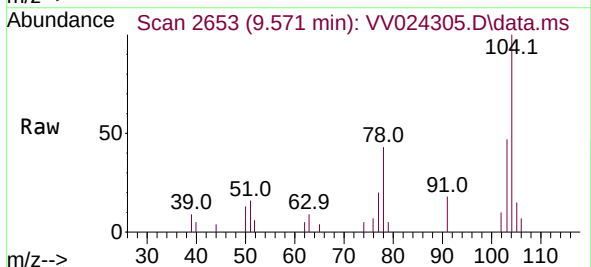
Manual Integrations
APPROVED

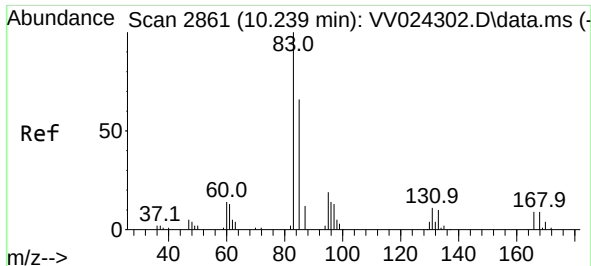
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#55
Styrene
Concen: 0.169 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.013 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

Tgt Ion:104 Resp: 4933
Ion Ratio Lower Upper
104 100
78 43.0 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.210 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

Instrument :

MSVOA_V

ClientSampleId :

MDL01

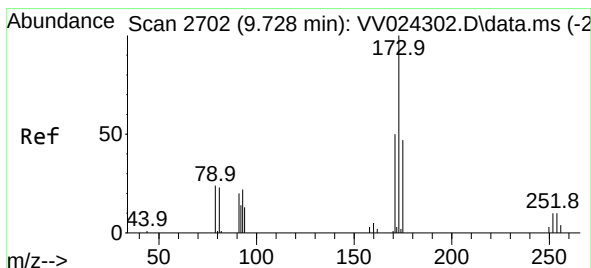
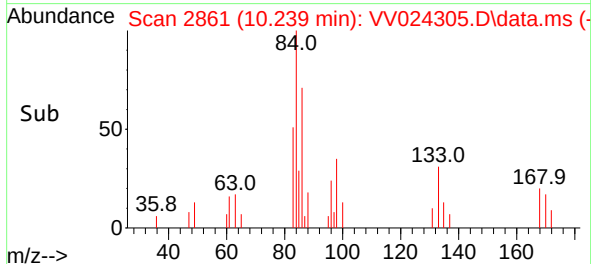
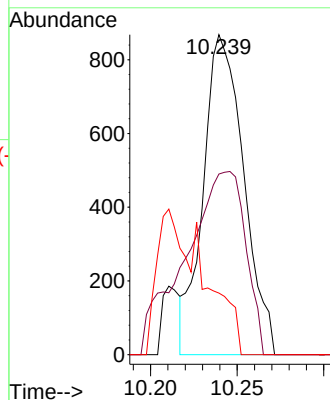
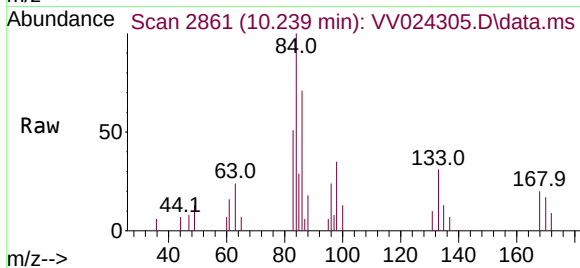
Tgt Ion: 83	Resp: 141
Ion Ratio	Lower Upper
83 100	
85 56.5	44.6 82.8
131 19.2	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#59

Bromoform

Concen: 0.219 ug/L

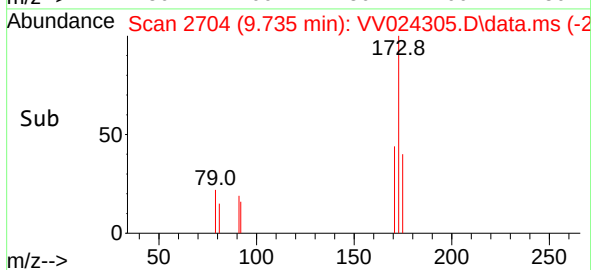
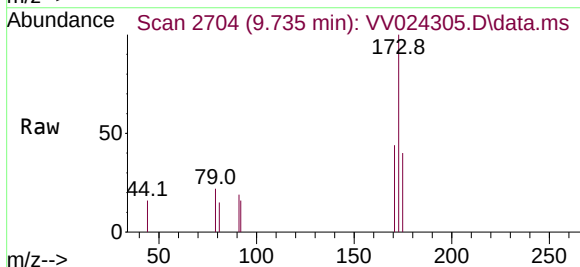
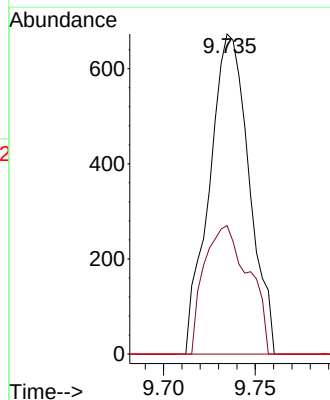
RT: 9.735 min Scan# 2704

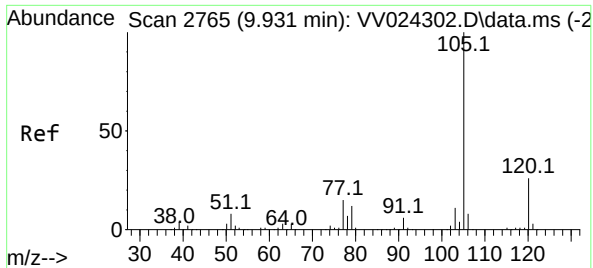
Delta R.T. 0.007 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

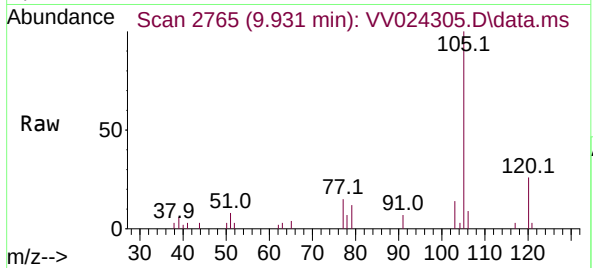
Tgt Ion: 173	Resp: 1017
Ion Ratio	Lower Upper
173 100	
175 44.7	39.4 59.2
254 0.0	7.4 11.0





#60
Isopropylbenzene
Concen: 0.208 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

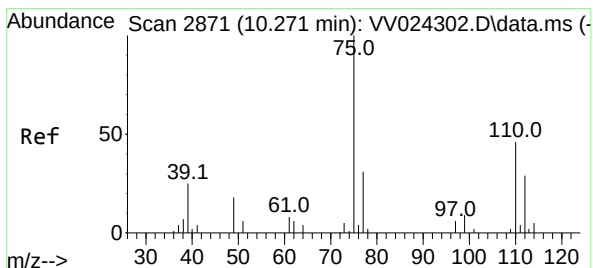
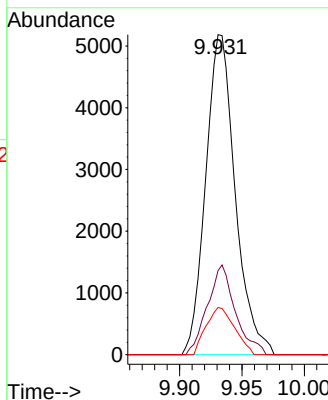
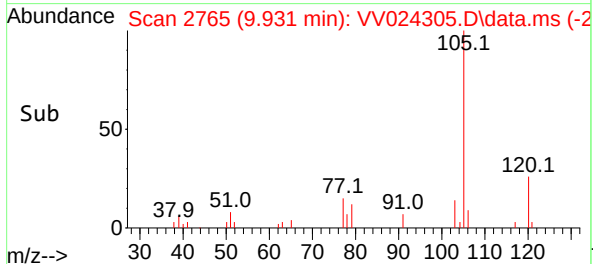
Instrument :
MSVOA_V
ClientSampleId :
MDL01



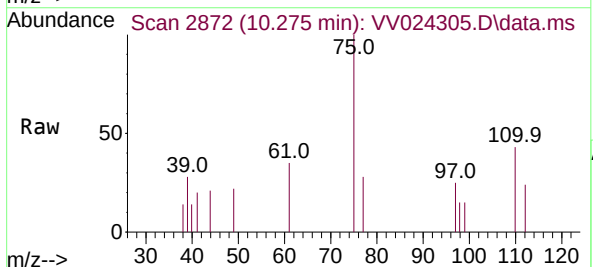
Tgt Ion:105 Resp: 855
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 14.2 12.2 18.4

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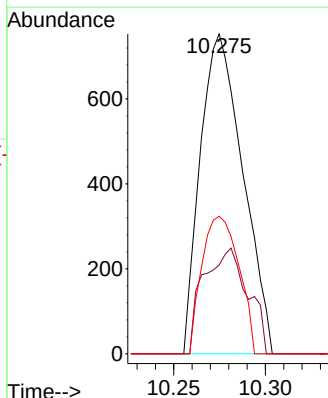
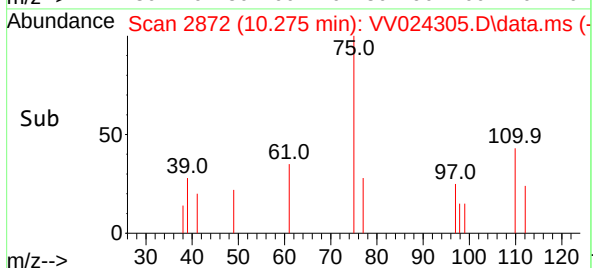
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

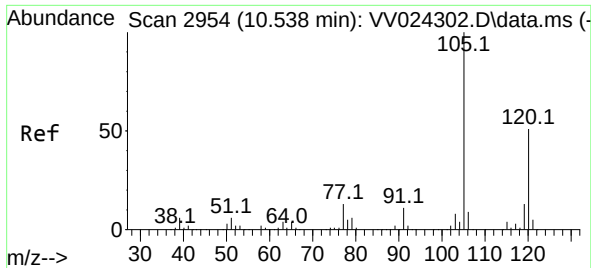


#61
1,2,3-Trichloropropane
Concen: 0.269 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36



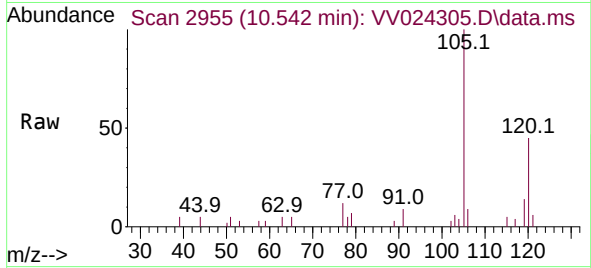
Tgt Ion: 75 Resp: 1214
Ion Ratio Lower Upper
75 100
77 34.2 26.4 39.6
110 37.3 34.2 51.2





#62
1,3,5-Trimethylbenzene
Concen: 0.202 ug/L
RT: 10.542 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

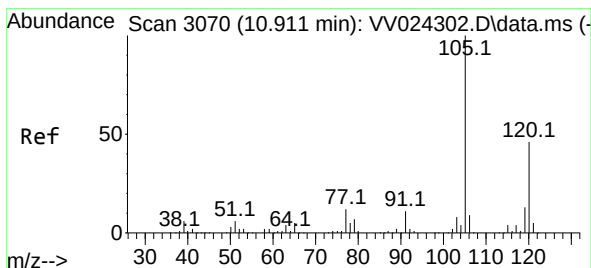
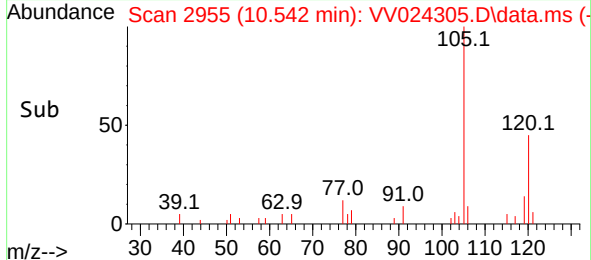
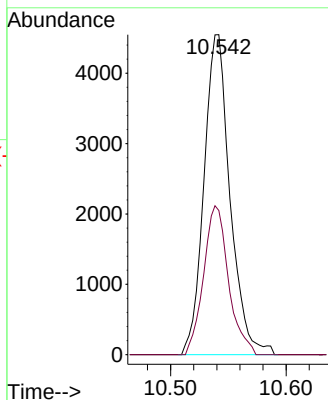
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion:105 Resp: 7142
Ion Ratio Lower Upper
105 100
120 44.5 40.1 60.1

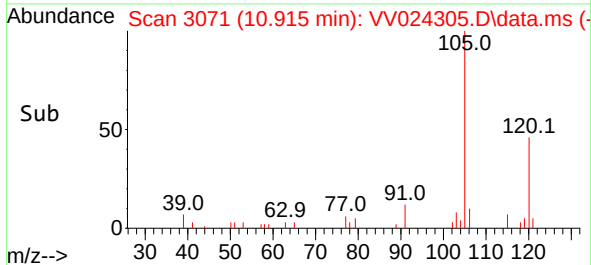
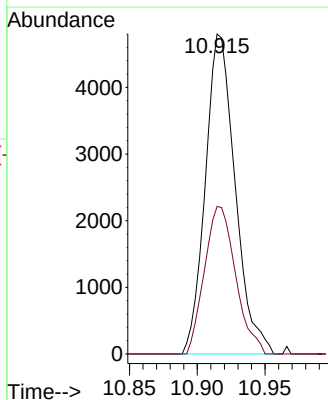
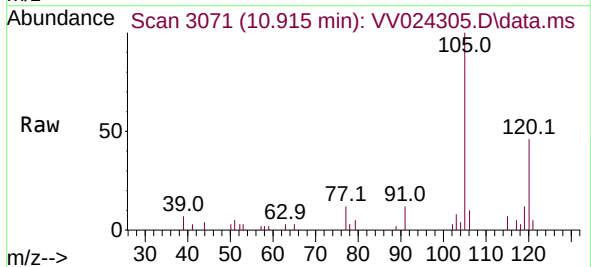
Manual Integrations
APPROVED

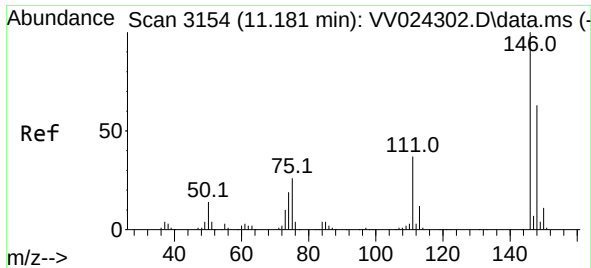
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#63
1,2,4-Trimethylbenzene
Concen: 0.204 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

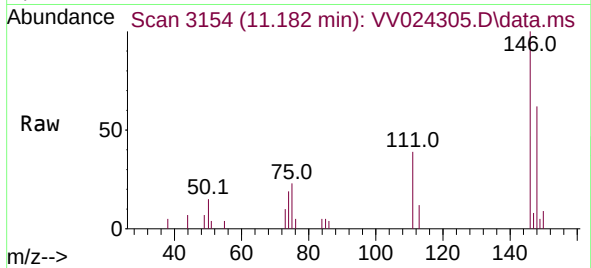
Tgt Ion:105 Resp: 7337
Ion Ratio Lower Upper
105 100
120 48.1 36.7 55.1





#64
1,3-Dichlorobenzene
Concen: 0.221 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

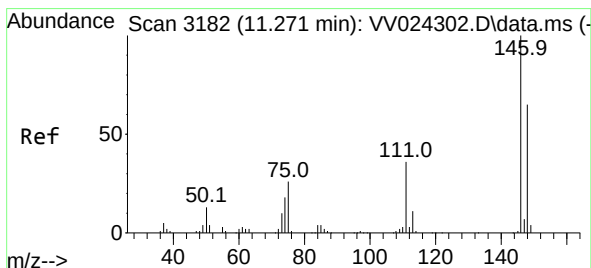
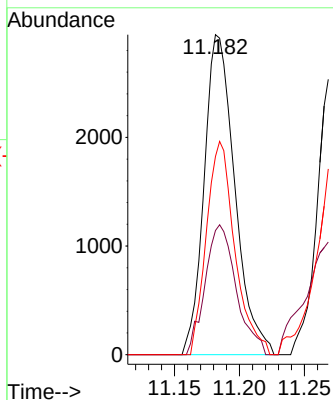
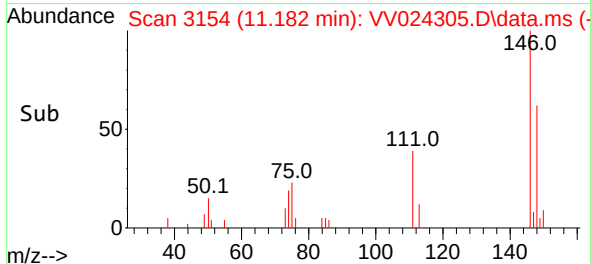
Instrument :
MSVOA_V
ClientSampleId :
MDL01



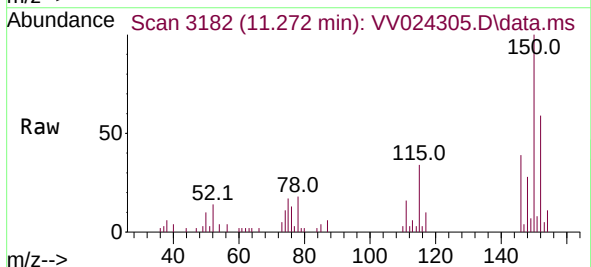
Tgt Ion:146 Resp: 4839
Ion Ratio Lower Upper
146 100
111 38.8 26.3 48.9
148 62.0 44.4 82.5

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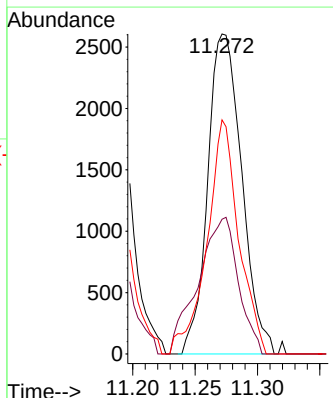
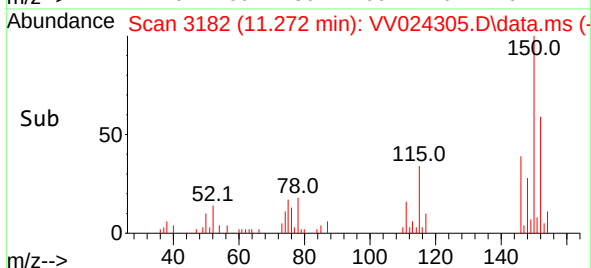
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

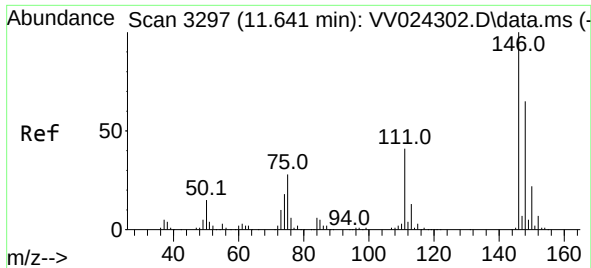


#65
1,4-Dichlorobenzene
Concen: 0.227 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36



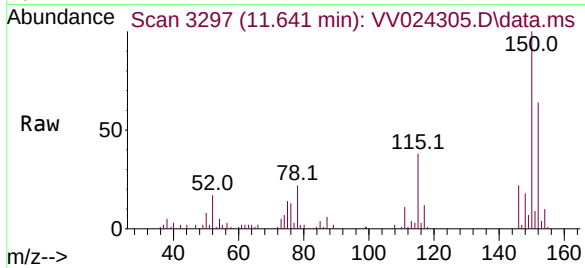
Tgt Ion:146 Resp: 4959
Ion Ratio Lower Upper
146 100
111 42.1 25.6 47.6
148 73.1 44.8 83.2





#67
1,2-Dichlorobenzene
Concen: 0.226 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

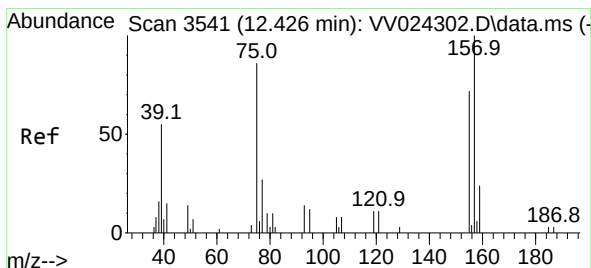
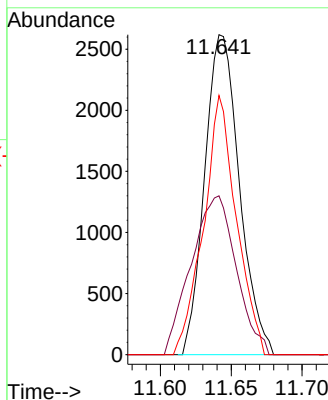
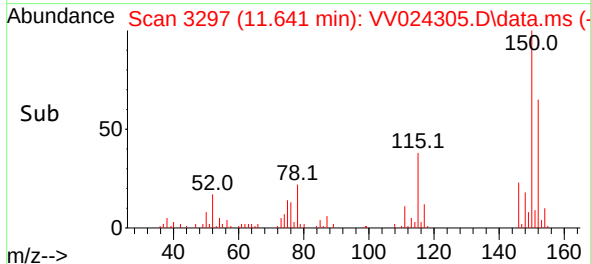
Instrument :
MSVOA_V
ClientSampleId :
MDL01



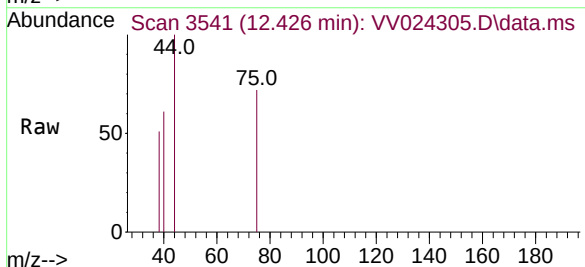
Tgt Ion:146 Resp: 446
Ion Ratio Lower Upper
146 100
111 49.6 31.9 47.9
148 81.0 50.5 75.7

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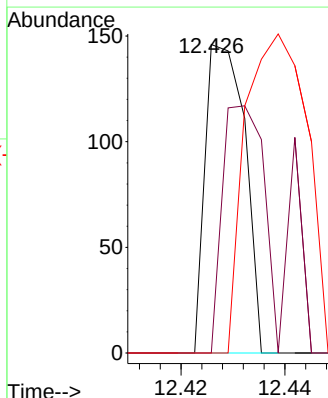
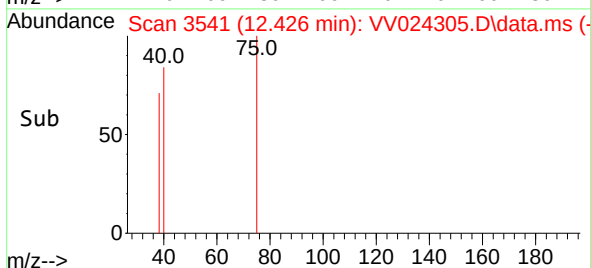
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

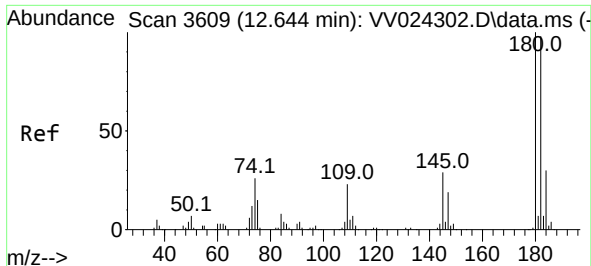


#68
1,2-Dibromo-3-chloropropane
Concen: 0.078 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36



Tgt Ion: 75 Resp: 77
Ion Ratio Lower Upper
75 100
155 0.0 71.7 107.5#
157 0.0 103.3 154.9#





#69

1,3,5-Trichlorobenzene

Concen: 0.217 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.003 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:180 Resp: 392

Ion Ratio Lower Upper

180 100

182 97.6 76.4 114.6

184 34.0 24.2 36.4

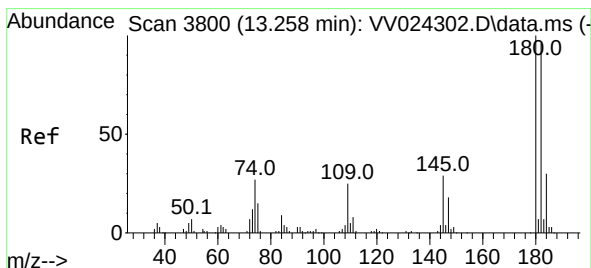
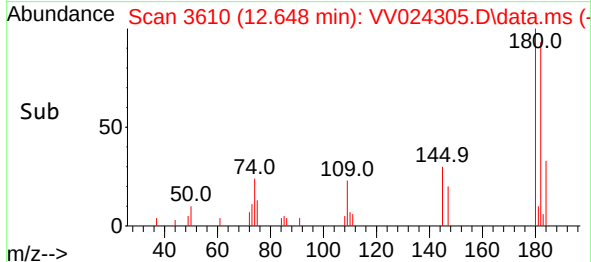
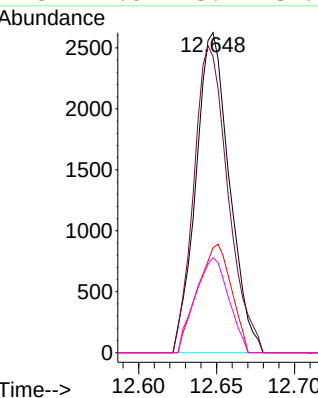
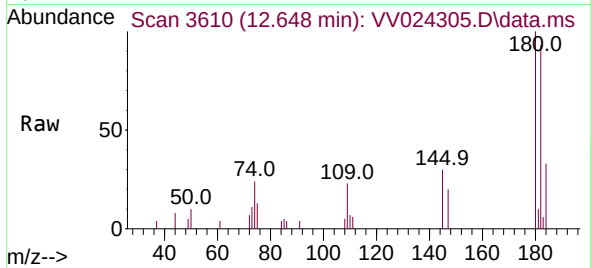
145 29.6 23.2 34.8

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: 0.206 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.007 min

Lab File: VV024305.D

Acq: 07 Jan 2022 15:36

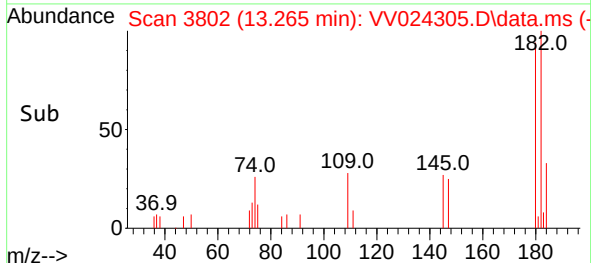
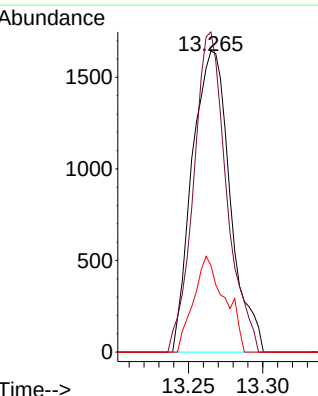
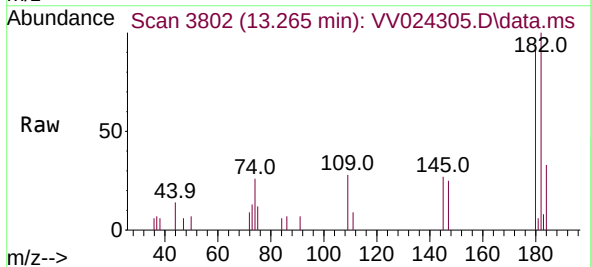
Tgt Ion:180 Resp: 2925

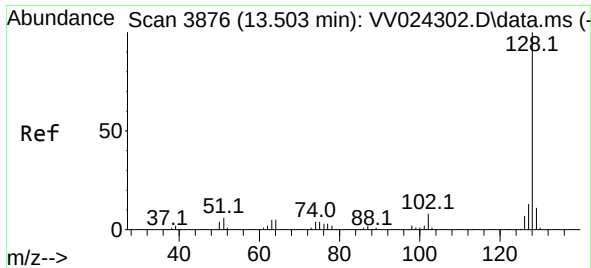
Ion Ratio Lower Upper

180 100

182 92.0 74.4 111.6

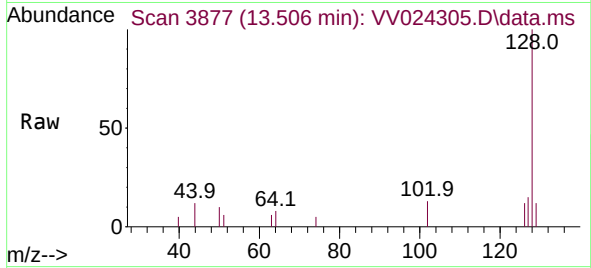
145 26.1 23.3 34.9





#71
Naphthalene
Concen: 0.189 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36

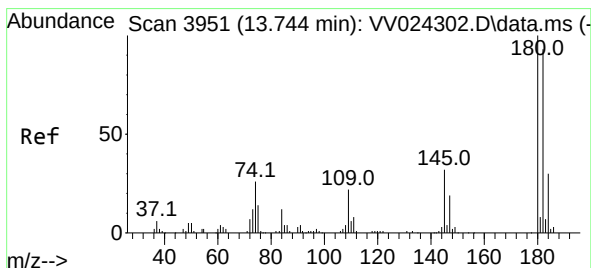
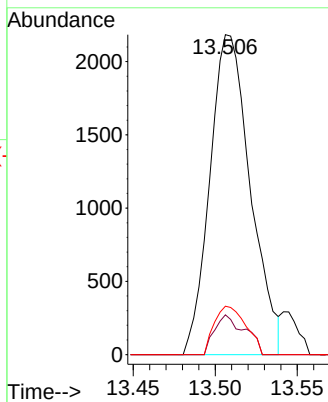
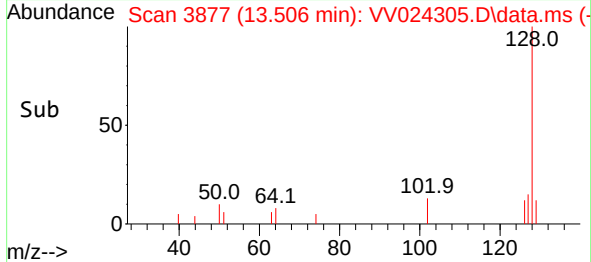
Instrument :
MSVOA_V
ClientSampleId :
MDL01



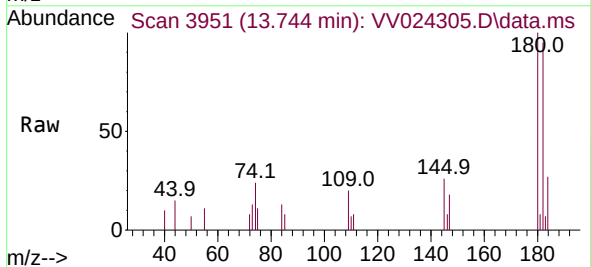
Tgt Ion:128 Resp: 375
Ion Ratio Lower Upper
128 100
129 9.3 9.0 13.4
127 11.8 10.2 15.4

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



#72
1,2,3-Trichlorobenzene
Concen: 0.200 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024305.D
Acq: 07 Jan 2022 15:36



Tgt Ion:180 Resp: 2451
Ion Ratio Lower Upper
180 100
182 106.1 76.8 115.2
145 29.1 25.8 38.6

