

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030222\
 Data File : VW024857.D
 Acq On : 02 Mar 2022 19:17
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Mar 03 03:50:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM030222SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 03 02:51:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	305190	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	283322	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	134937	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	136723	25.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.040%
7) Chloroethane-d5	1.568	69	104052	25.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.320%
11) 1,1-Dichloroethene-d2	2.108	63	170584	19.709	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.840%
21) 2-Butanone-d5	3.905	46	71875	44.878	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.760%
24) Chloroform-d	4.349	84	215262	25.192	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.760%
26) 1,2-Dichloroethane-d4	5.031	65	119848	26.477	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.920%
32) Benzene-d6	5.047	84	462571	26.385	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.560%
36) 1,2-Dichloropropane-d6	6.069	67	142507	27.353	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.400%
41) Toluene-d8	7.313	98	411508	25.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.960%
43) trans-1,3-Dichloroprop...	7.619	79	57055	25.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.000%
47) 2-Hexanone-d5	8.088	63	52860	44.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	117114	25.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.880%
66) 1,2-Dichlorobenzene-d4	11.622	152	139737	26.853	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	5031	1.020	ug/L	99
3) Chloromethane	1.240	50	5337	1.127	ug/L	96
5) Vinyl chloride	1.310	62	5862	1.164	ug/L #	67
6) Bromomethane	1.523	94	3512	1.139	ug/L	95
8) Chloroethane	1.584	64	3386	1.110	ug/L	99
9) Trichlorofluoromethane	1.754	101	7345	1.103	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5595	1.396	ug/L #	81
12) 1,1-Dichloroethene	2.114	96	5325	1.423	ug/L #	1
13) Acetone	2.195	43	2505m	2.262	ug/L	
14) Carbon disulfide	2.294	76	13446	1.029	ug/L	98
15) Methyl Acetate	2.445	43	2249	0.941	ug/L	92
16) Methylene chloride	2.507	84	8602	1.887	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	4568	1.080	ug/L	90
18) Methyl tert-butyl Ether	2.770	73	10524	1.050	ug/L	98
19) 1,1-Dichloroethane	3.191	63	7478	1.020	ug/L	96
20) cis-1,2-Dichloroethene	3.918	96	4688	1.066	ug/L	97
22) 2-Butanone	4.024	43	3086m	2.194	ug/L	
23) Bromochloromethane	4.259	128	2017	1.017	ug/L	92
25) Chloroform	4.378	83	11872	1.599	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030222\
 Data File : VW024857.D
 Acq On : 02 Mar 2022 19:17
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Mar 03 03:50:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM030222SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 03 02:51:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	5570	1.198	ug/L	96
29) Cyclohexane	4.674	56	6814	0.988	ug/L	92
30) 1,1,1-Trichloroethane	4.606	97	6912	1.073	ug/L	97
31) Carbon tetrachloride	4.831	117	5398	0.973	ug/L	88
33) Benzene	5.101	78	18271	1.117	ug/L	100
34) Trichloroethene	5.918	95	5498	1.166	ug/L	96
35) Methylcyclohexane	6.127	83	7097	0.915	ug/L	95
37) 1,2-Dichloropropane	6.185	63	4860	1.235	ug/L #	86
38) Bromodichloromethane	6.516	83	5867	1.147	ug/L	91
39) cis-1,3-Dichloropropene	7.030	75	6238	1.063	ug/L	95
40) 4-Methyl-2-pentanone	7.236	43	5940	1.976	ug/L	92
42) Toluene	7.391	91	25342	1.474	ug/L	94
44) trans-1,3-Dichloropropene	7.654	75	5579m	1.073	ug/L	
45) 1,1,2-Trichloroethane	7.847	97	3834	1.137	ug/L	89
46) Tetrachloroethene	7.976	164	3017	0.987	ug/L	98
48) 2-Hexanone	8.149	43	8548	4.080	ug/L #	93
49) Dibromochloromethane	8.249	129	3687	1.042	ug/L	93
50) 1,2-Dibromoethane	8.355	107	3759	1.123	ug/L #	97
51) Chlorobenzene	8.883	112	12439	1.127	ug/L	98
52) Ethylbenzene	9.014	91	19312	1.032	ug/L	98
53) m,p-Xylene	9.140	106	7815	1.094	ug/L	88
54) o-Xylene	9.545	106	6562	0.980	ug/L	97
55) Styrene	9.564	104	10940	0.957	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	4625	1.201	ug/L #	92
59) Bromoform	9.731	173	1784	0.985	ug/L #	93
60) Isopropylbenzene	9.931	105	18153	1.022	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	3572	1.083	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	13929	1.047	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	14820	1.009	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	8782	1.096	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	9356	1.151	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	8890	1.200	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.435	75	635m	0.938	ug/L	
69) 1,3,5-Trichlorobenzene	12.644	180	5698	1.001	ug/L	94
70) 1,2,4-trichlorobenzene	13.262	180	4918	0.992	ug/L	98
71) Naphthalene	13.503	128	12079	0.986	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	4671	1.020	ug/L	99

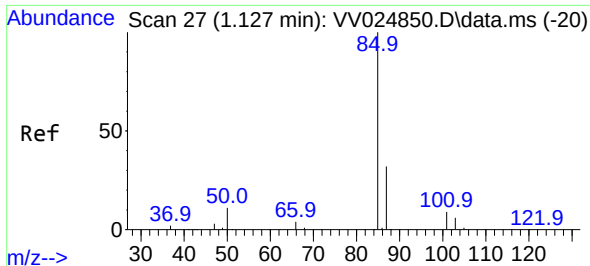
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Quant Time: Mar 03 03:50:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM030222SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 03 02:51:32 2022
Response via : Initial Calibration



03/03/2022



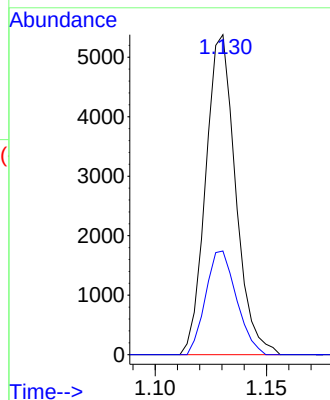
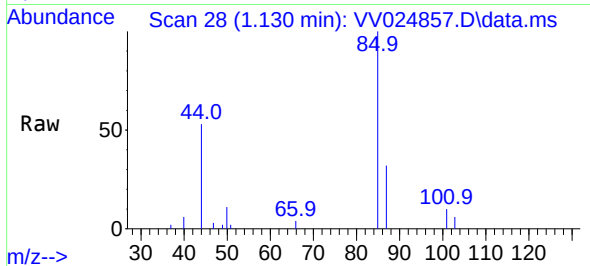
#2
Dichlorodifluoromethane
Concen: 1.020 ug/L
RT: 1.130 min Scan# 27
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 85 Resp: 503
Ion Ratio Lower Upper
85 100
87 33.4 26.2 39.4

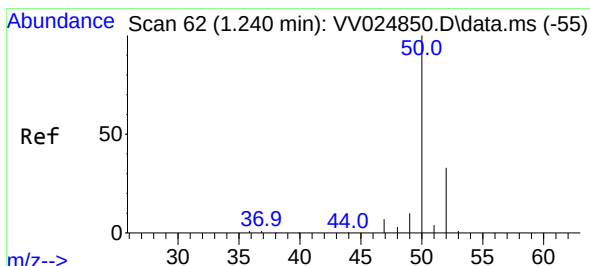
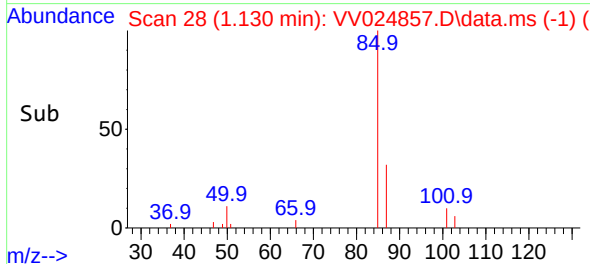
Manual Integrations
APPROVED

Reviewed By :John
Carlone



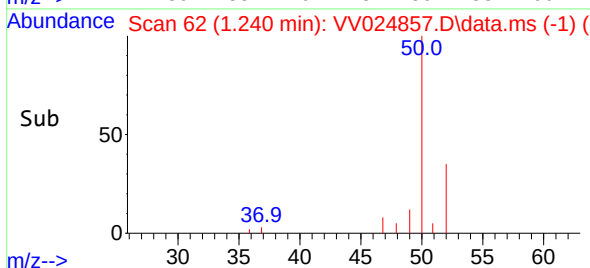
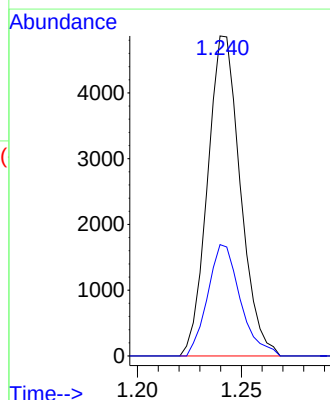
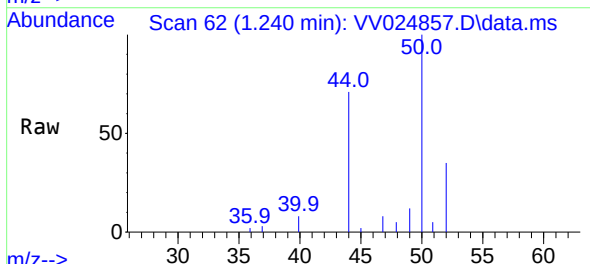
03/03/2022
Supervised By :Mahesh
Dadoda

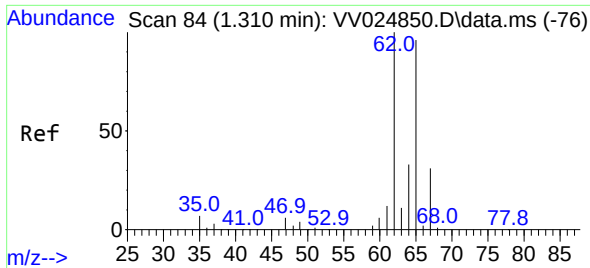
03/03/2022



#3
Chloromethane
Concen: 1.127 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

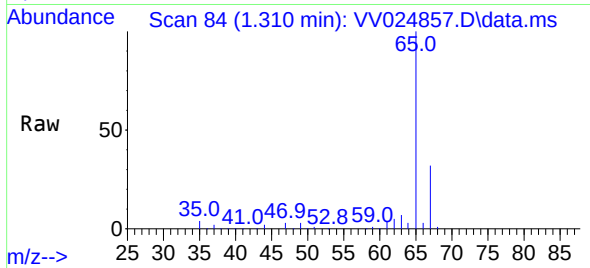
Tgt Ion: 50 Resp: 5337
Ion Ratio Lower Upper
50 100
52 34.8 22.9 42.5





#5
 Vinyl chloride
 Concen: 1.164 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024857.D
 Acq: 02 Mar 2022 19:17

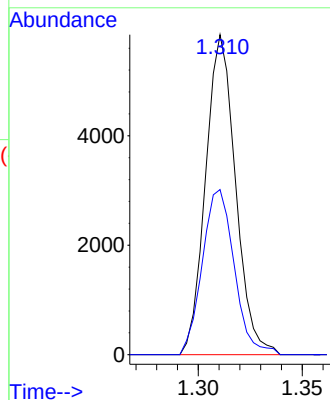
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02



Tgt Ion: 62 Resp: 5862
 Ion Ratio Lower Upper
 62 100
 64 51.6 23.0 42.8

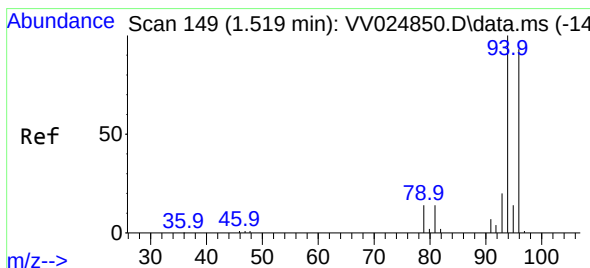
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone



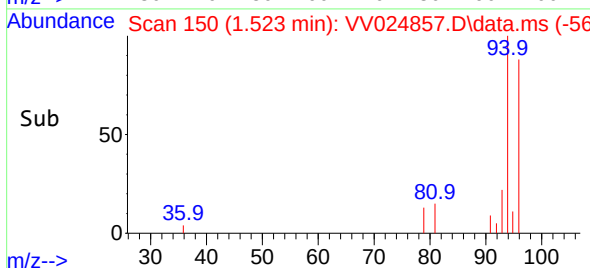
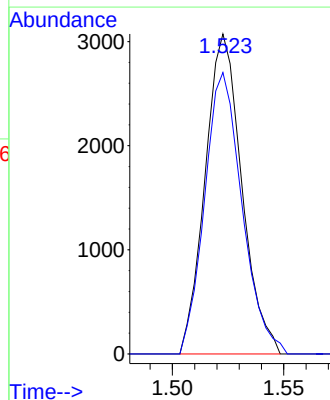
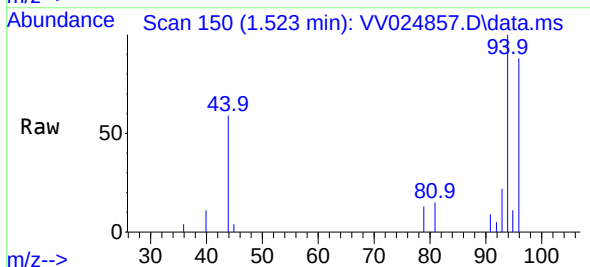
03/03/2022
 Supervised By :Mahesh
 Dadoda

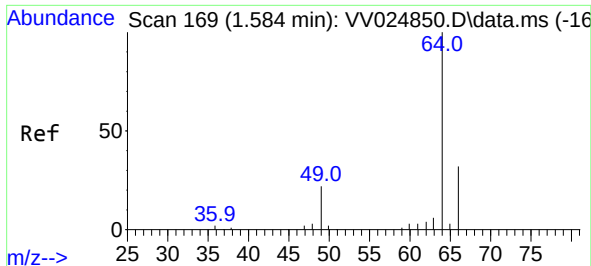
03/03/2022



#6
 Bromomethane
 Concen: 1.139 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024857.D
 Acq: 02 Mar 2022 19:17

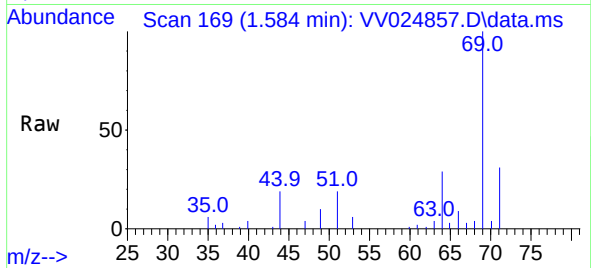
Tgt Ion: 94 Resp: 3512
 Ion Ratio Lower Upper
 94 100
 96 88.0 64.9 120.5





#8
Chloroethane
Concen: 1.110 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

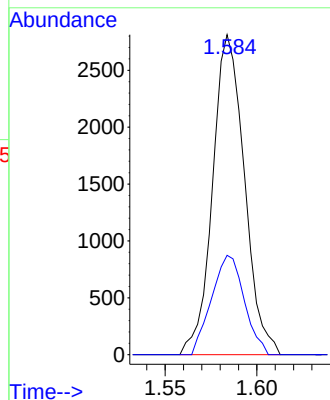
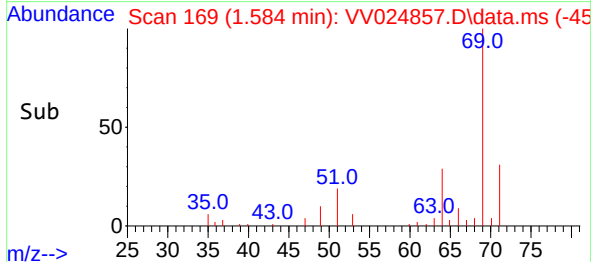
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 64 Resp: 3380
Ion Ratio Lower Upper
64 100
66 31.1 22.3 41.5

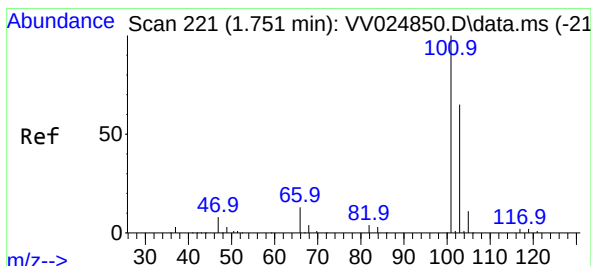
Manual Integrations
APPROVED

Reviewed By :John
Carlone

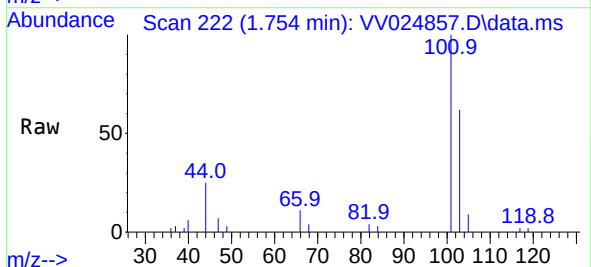


03/03/2022
Supervised By :Mahesh
Dadoda

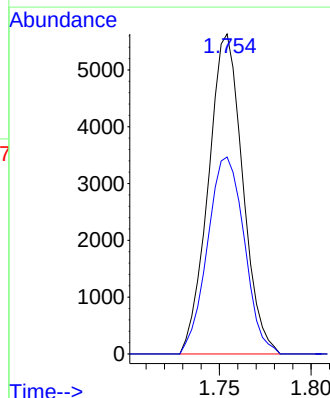
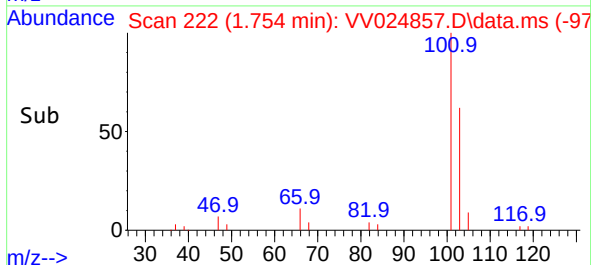
03/03/2022

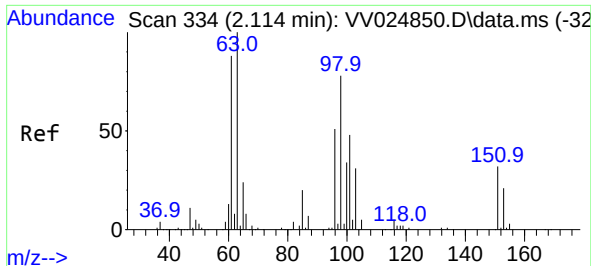


#9
Trichlorofluoromethane
Concen: 1.103 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



Tgt Ion:101 Resp: 7345
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8





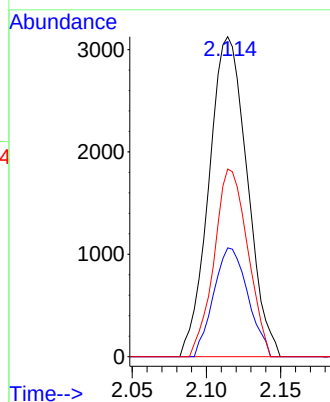
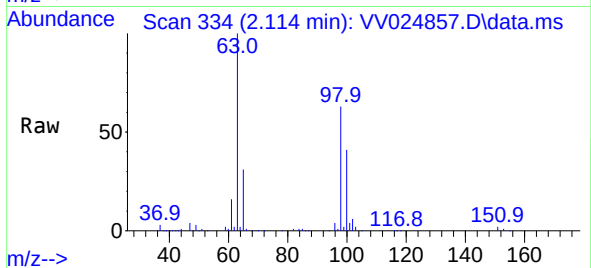
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.396 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 559
Ion Ratio Lower Upper
101 100
85 30.5 33.8 50.6
151 51.5 54.1 81.1

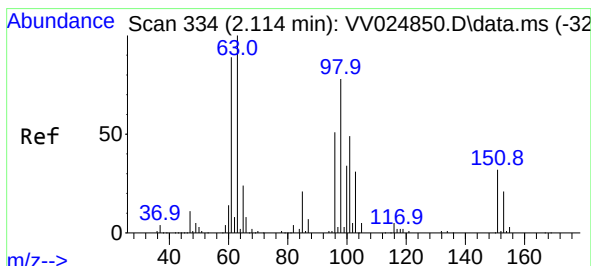
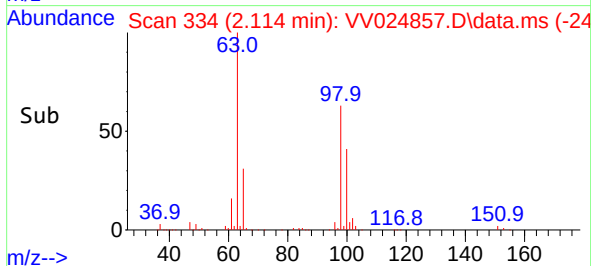
Manual Integrations
APPROVED

Reviewed By :John
Carlone



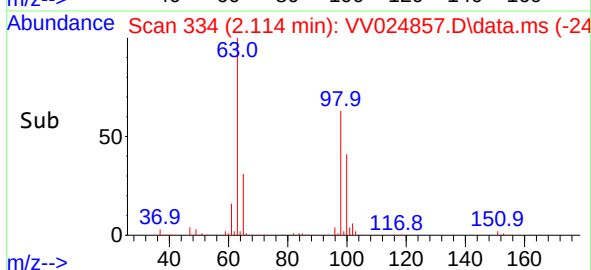
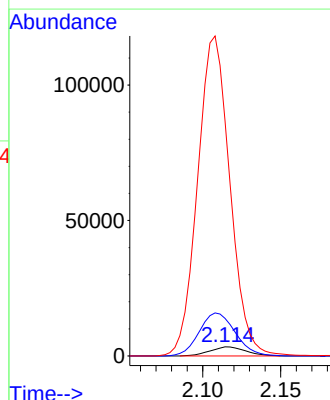
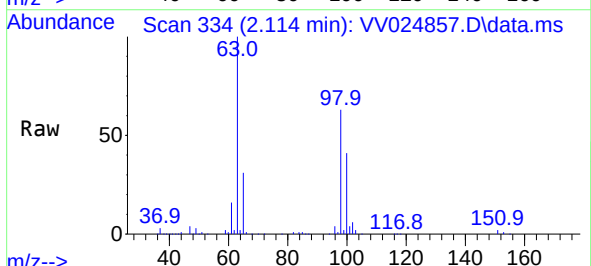
03/03/2022
Supervised By :Mahesh
Dadoda

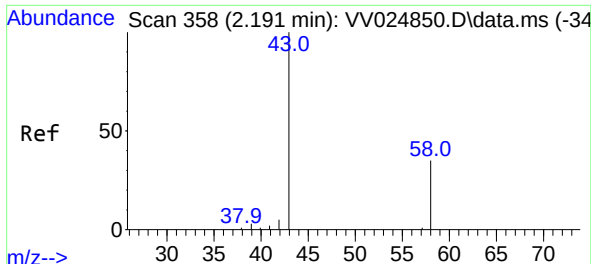
03/03/2022



#12
1,1-Dichloroethene
Concen: 1.423 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

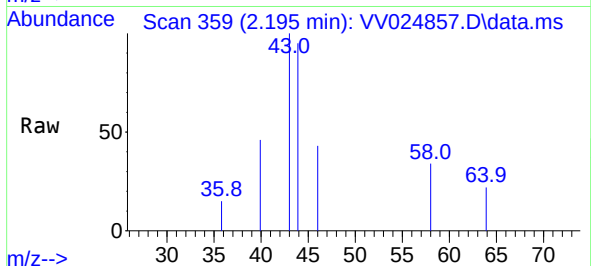
Tgt Ion: 96 Resp: 5325
Ion Ratio Lower Upper
96 100
61 414.9 122.1 226.7#
63 2593.0 139.5 259.1#





#13
Acetone
Concen: 2.262 ug/L m
RT: 2.195 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

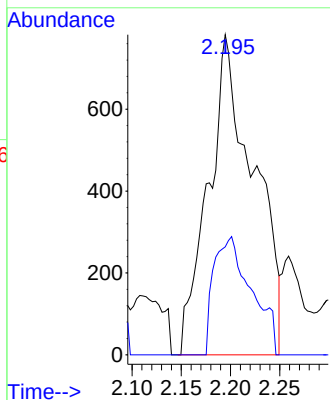
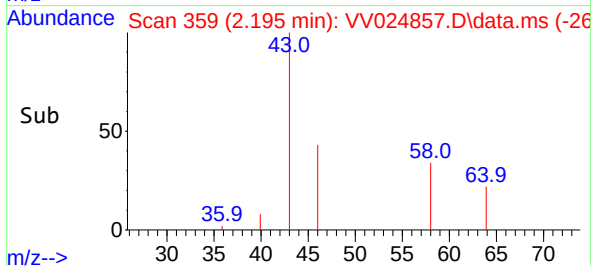
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 250
Ion Ratio Lower Upper
43 100
58 28.0 0.0 70.0

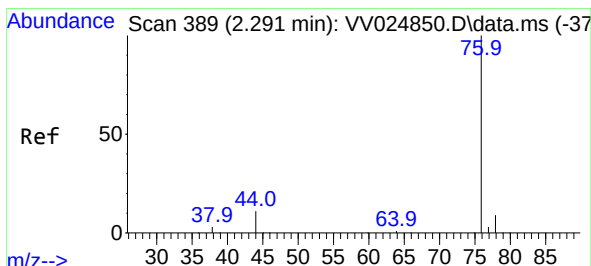
Manual Integrations
APPROVED

Reviewed By :John
Carlone

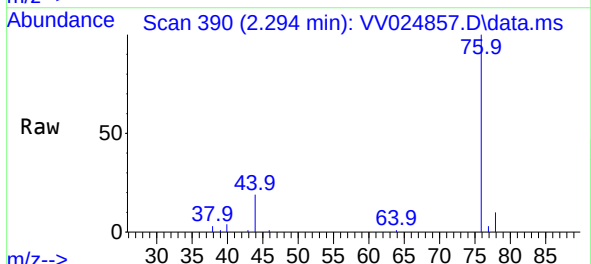


03/03/2022
Supervised By :Mahesh
Dadoda

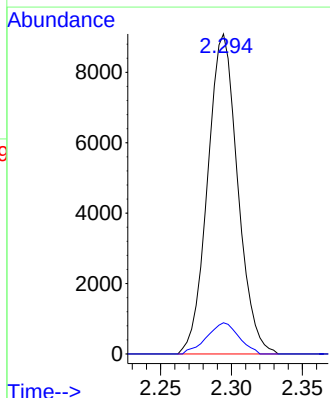
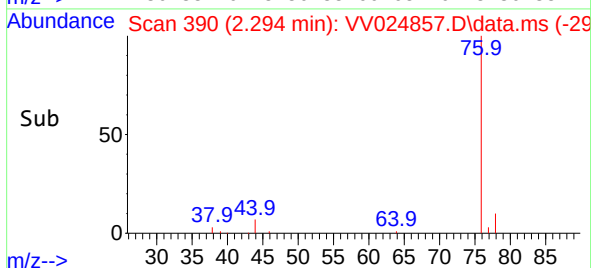
03/03/2022

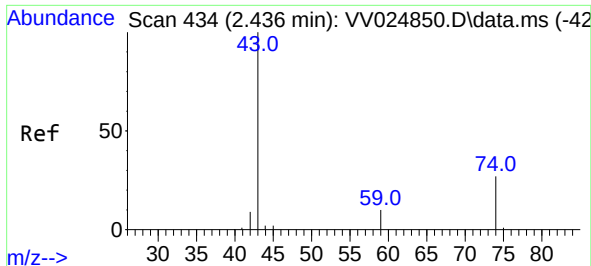


#14
Carbon disulfide
Concen: 1.029 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



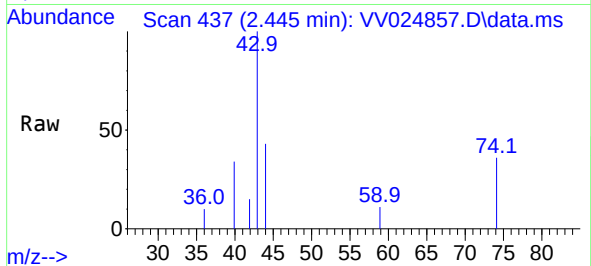
Tgt Ion: 76 Resp: 13446
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8





#15
Methyl Acetate
Concen: 0.941 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.010 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

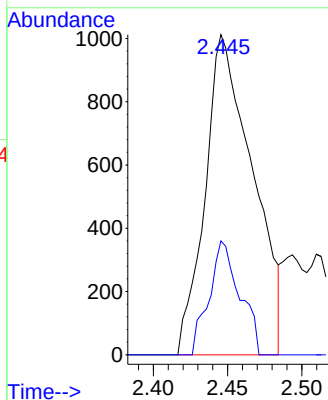
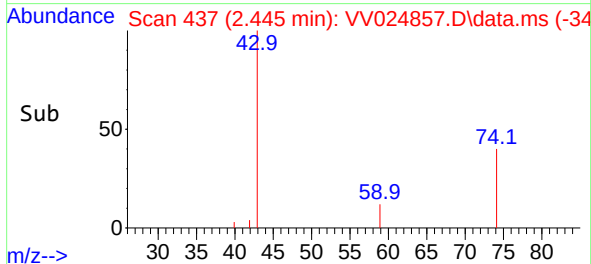
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 2249
Ion Ratio Lower Upper
43 100
74 23.0 21.7 32.5

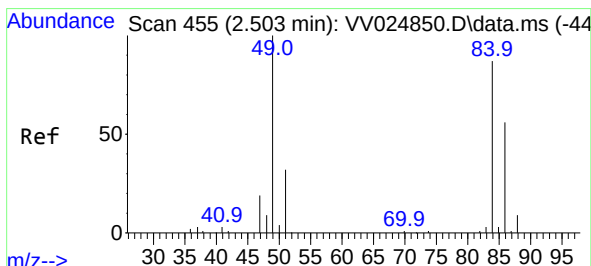
Manual Integrations
APPROVED

Reviewed By :John
Carlone

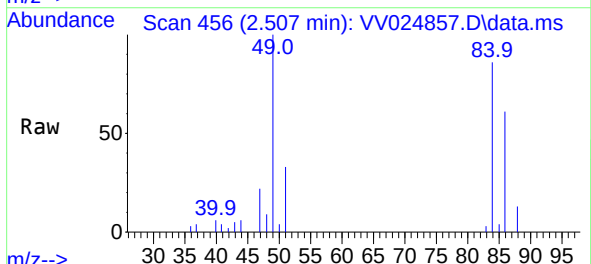


03/03/2022
Supervised By :Mahesh
Dadoda

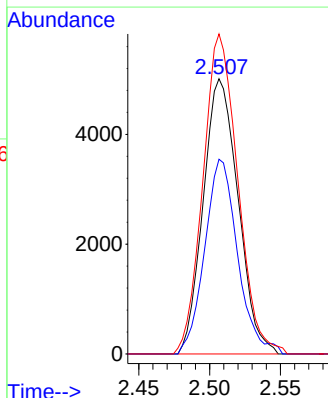
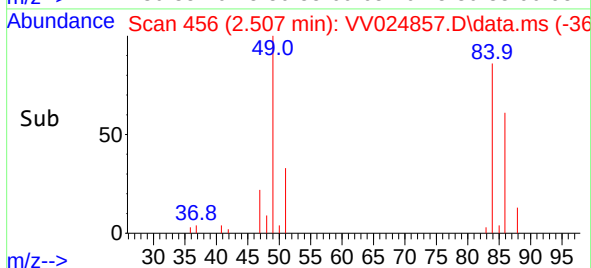
03/03/2022

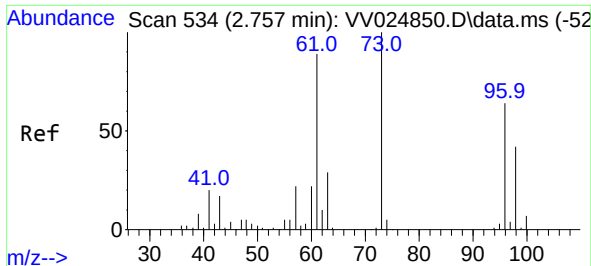


#16
Methylene chloride
Concen: 1.887 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



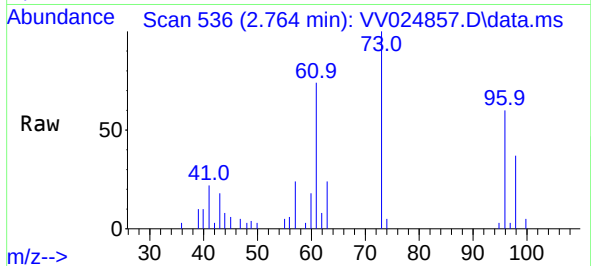
Tgt Ion: 84 Resp: 8602
Ion Ratio Lower Upper
84 100
86 70.8 45.0 83.6
49 116.3 80.4 149.2





#17
trans-1,2-Dichloroethene
Concen: 1.080 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

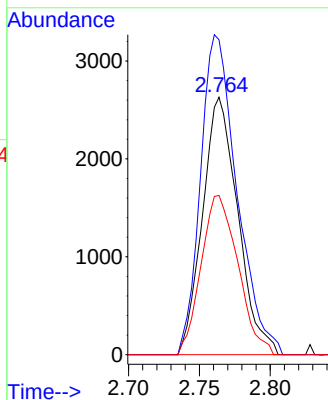
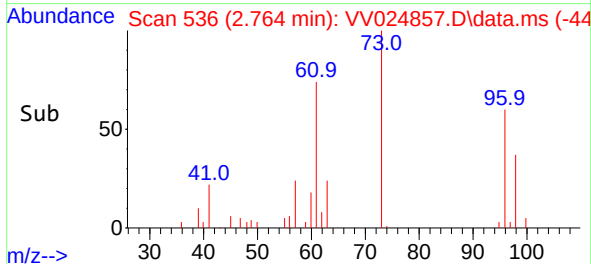
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 96 Resp: 456
Ion Ratio Lower Upper
96 100
61 122.3 96.4 179.0
98 61.9 45.4 84.4

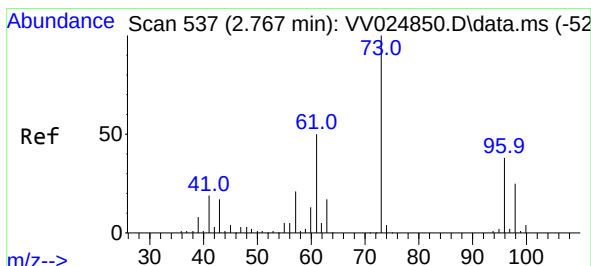
Manual Integrations
APPROVED

Reviewed By :John
Carlone

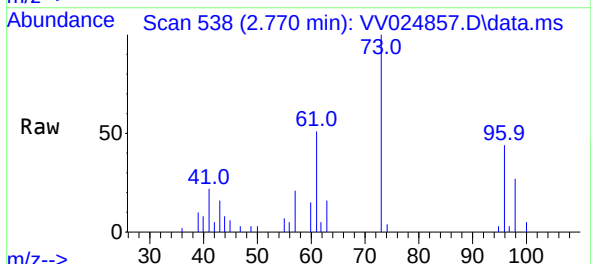


03/03/2022
Supervised By :Mahesh
Dadoda

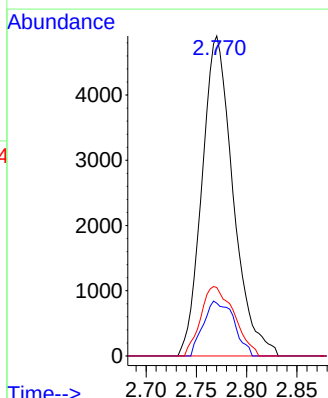
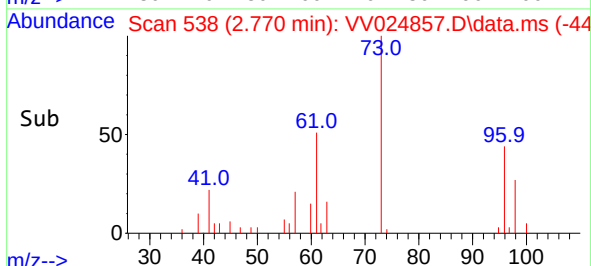
03/03/2022

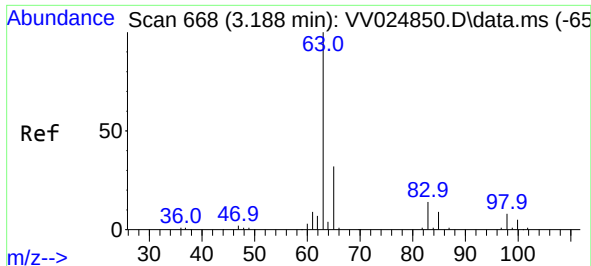


#18
Methyl tert-butyl Ether
Concen: 1.050 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



Tgt Ion: 73 Resp: 10524
Ion Ratio Lower Upper
73 100
43 16.9 13.6 20.4
57 23.3 17.0 25.6





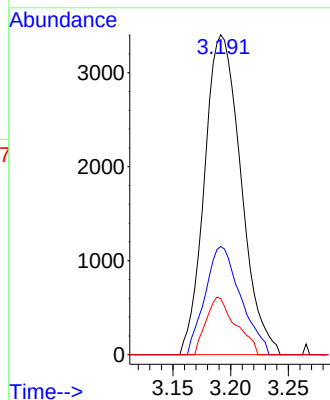
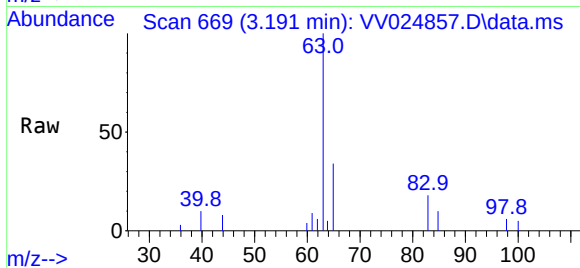
#19
1,1-Dichloroethane
Concen: 1.020 ug/L
RT: 3.191 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 63 Resp: 7478
Ion Ratio Lower Upper
63 100
65 33.8 22.7 42.3
83 17.5 9.7 17.9

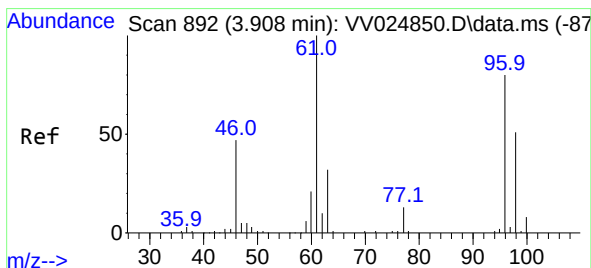
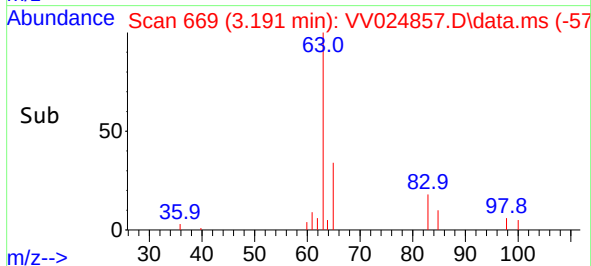
Manual Integrations
APPROVED

Reviewed By :John
Carlone



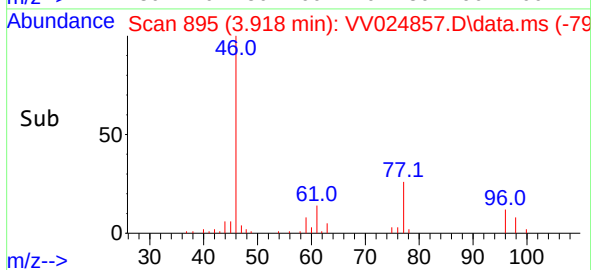
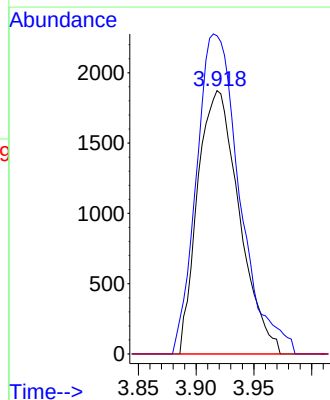
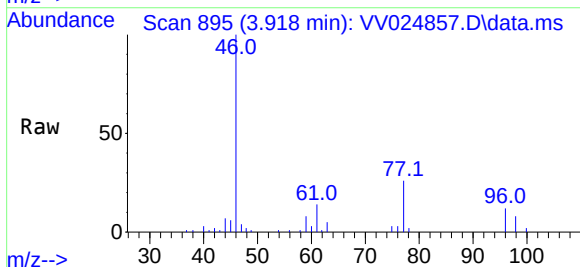
03/03/2022
Supervised By :Mahesh
Dadoda

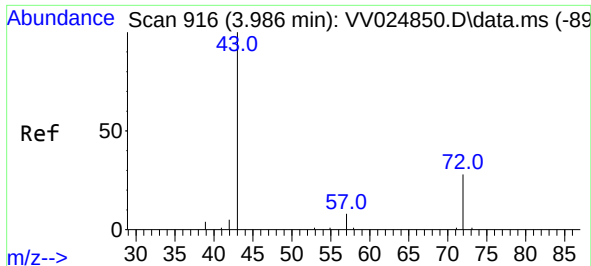
03/03/2022



#20
cis-1,2-Dichloroethene
Concen: 1.066 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

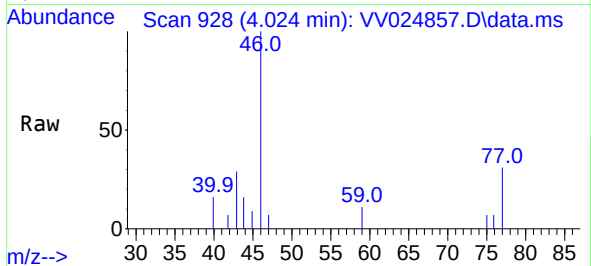
Tgt Ion: 96 Resp: 4688
Ion Ratio Lower Upper
96 100
61 120.8 87.4 162.2
68 0.0 0.0 0.0





#22
2-Butanone
Concen: 2.194 ug/L m
RT: 4.024 min Scan# 916
Delta R.T. 0.039 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

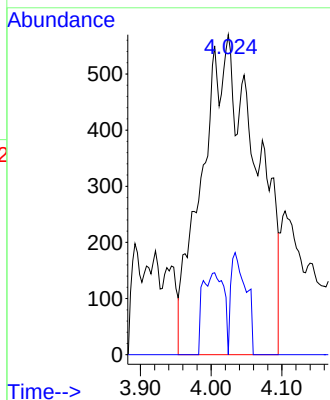
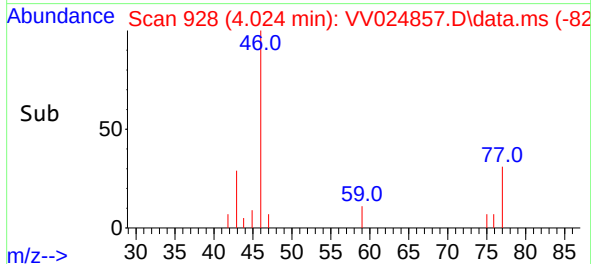
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 3080
Ion Ratio Lower Upper
43 100
72 1.5 11.7 35.1

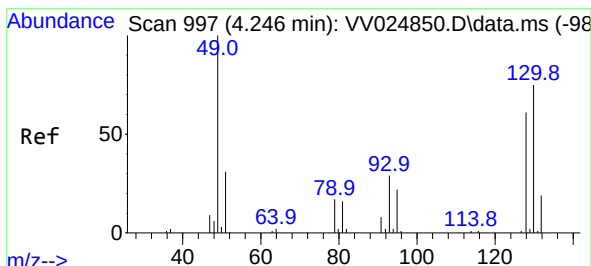
Manual Integrations
APPROVED

Reviewed By :John
Carlone

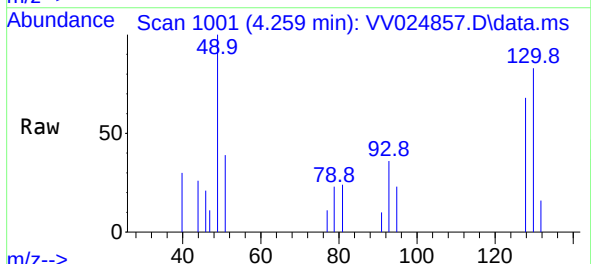


03/03/2022
Supervised By :Mahesh
Dadoda

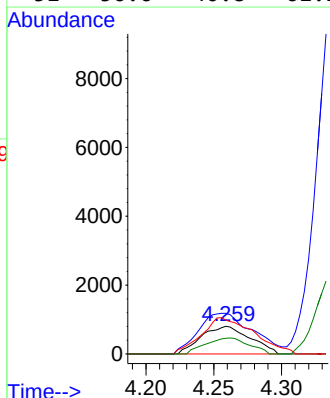
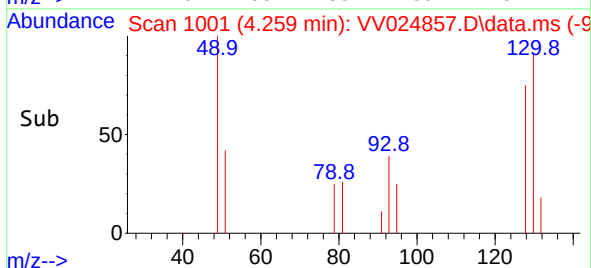
03/03/2022

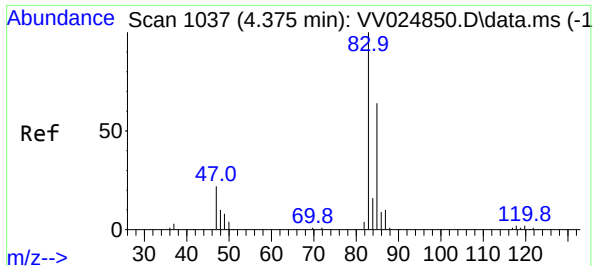


#23
Bromochloromethane
Concen: 1.017 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.013 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



Tgt Ion:128 Resp: 2017
Ion Ratio Lower Upper
128 100
49 146.4 115.2 214.0
130 122.0 86.7 160.9
51 56.6 40.8 61.2





#25

Chloroform

Concen: 1.599 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV024857.D

Acq: 02 Mar 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 83 Resp: 1187

Ion Ratio Lower Upper

83 100

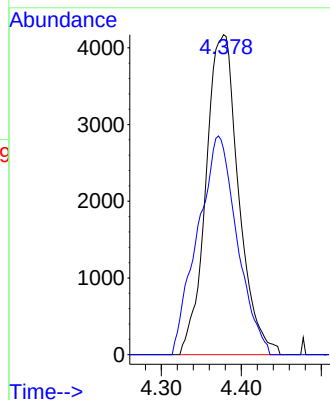
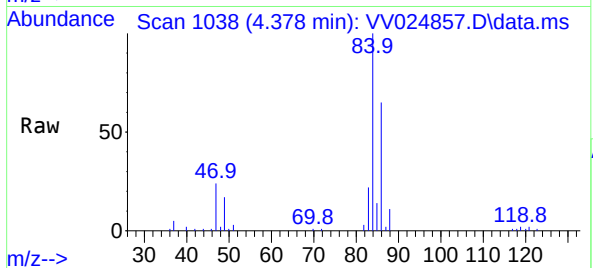
85 64.2 45.1 83.9

Manual Integrations

APPROVED

Reviewed By :John

Carlone

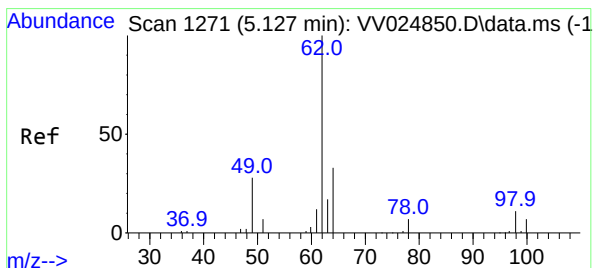
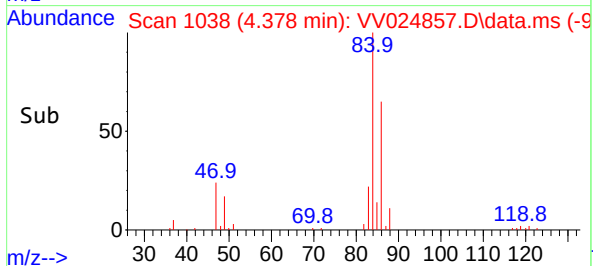


03/03/2022

Supervised By :Mahesh

Dadoda

03/03/2022



#27

1,2-Dichloroethane

Concen: 1.198 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.016 min

Lab File: VV024857.D

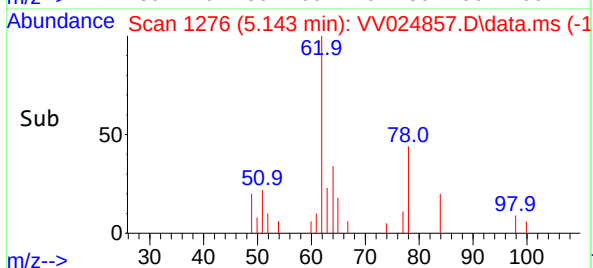
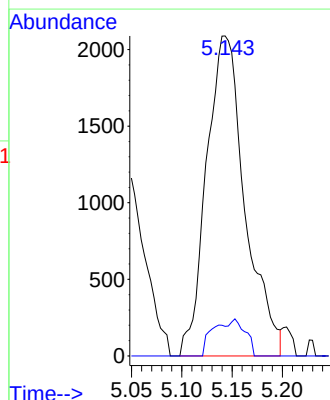
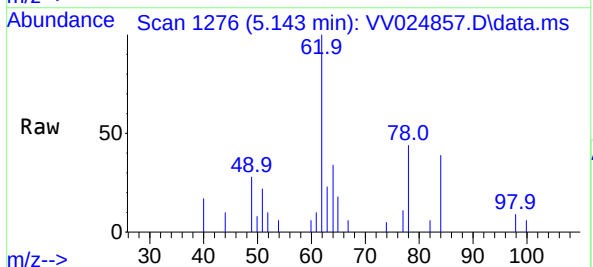
Acq: 02 Mar 2022 19:17

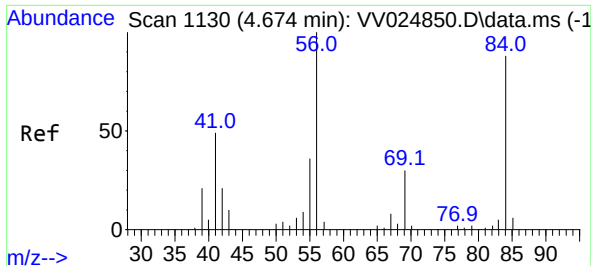
Tgt Ion: 62 Resp: 5570

Ion Ratio Lower Upper

62 100

98 9.2 8.6 13.0





#29

Cyclohexane

Concen: 0.988 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV024857.D

Acq: 02 Mar 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

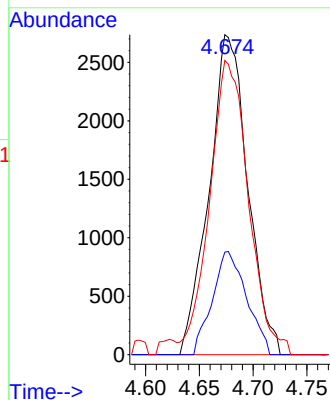
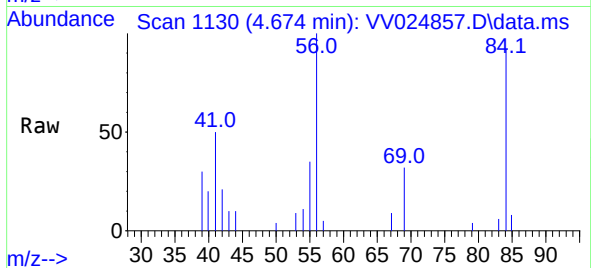
MDL02

Tgt Ion: 56 Resp: 6814

Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.8	37.2
84	83.3	73.6	110.4

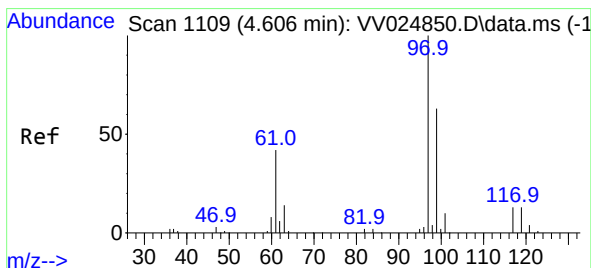
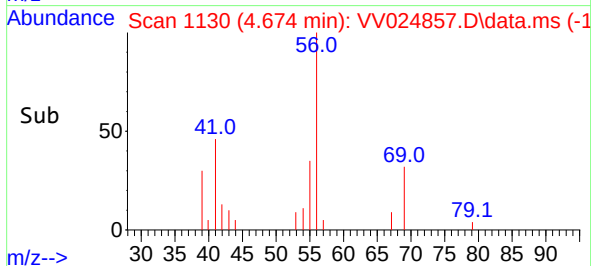
Manual Integrations
APPROVED

Reviewed By :John
Carlone



03/03/2022
Supervised By :Mahesh
Dadoda

03/03/2022



#30

1,1,1-Trichloroethane

Concen: 1.073 ug/L

RT: 4.606 min Scan# 1109

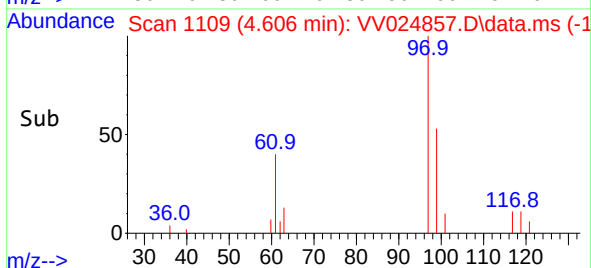
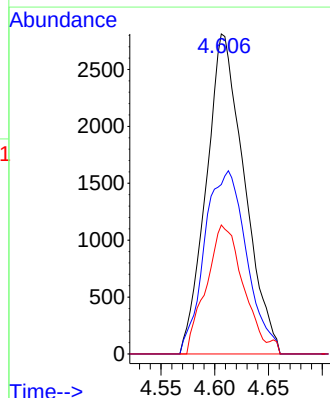
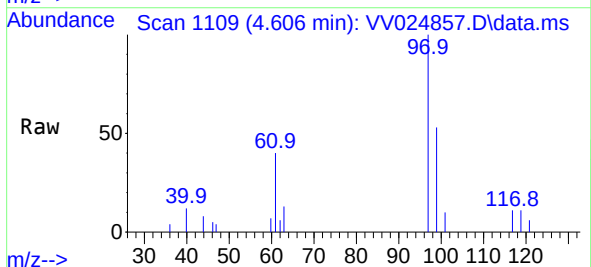
Delta R.T. 0.000 min

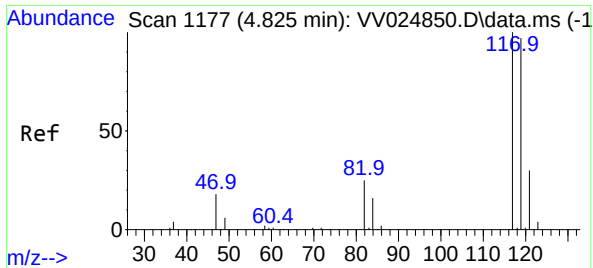
Lab File: VV024857.D

Acq: 02 Mar 2022 19:17

Tgt Ion: 97 Resp: 6912

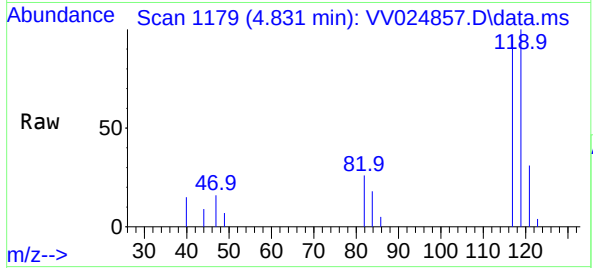
Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.2	75.4
61	38.8	33.8	50.6





#31
Carbon tetrachloride
Concen: 0.973 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

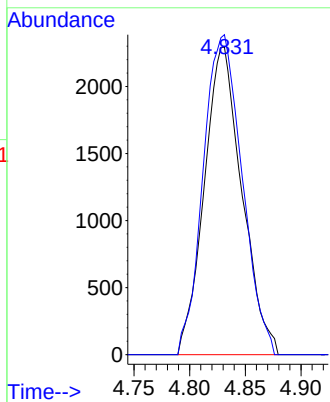
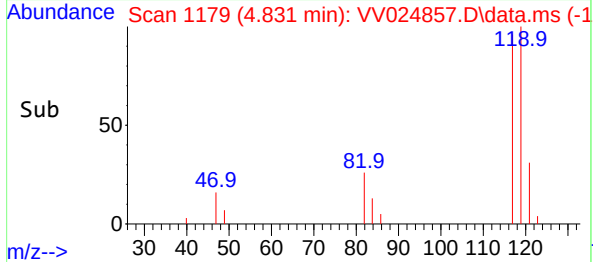
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:117 Resp: 5398
Ion Ratio Lower Upper
117 100
119 107.2 76.6 115.0

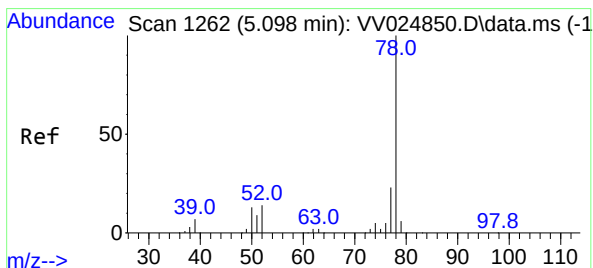
Manual Integrations
APPROVED

Reviewed By :John
Carlone



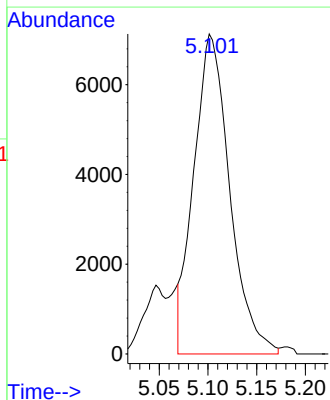
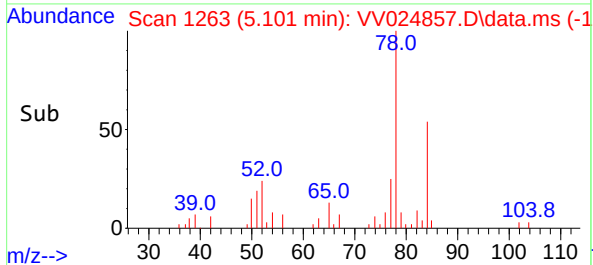
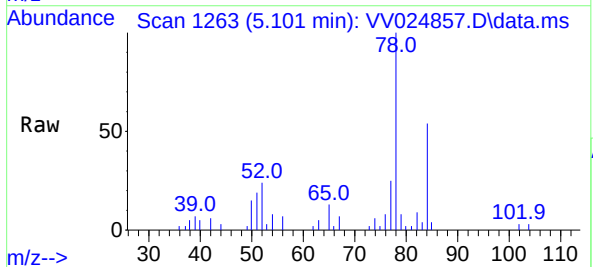
03/03/2022
Supervised By :Mahesh
Dadoda

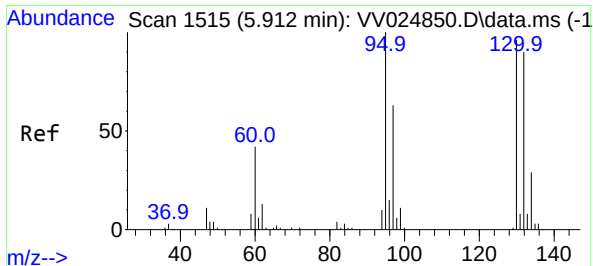
03/03/2022



#33
Benzene
Concen: 1.117 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

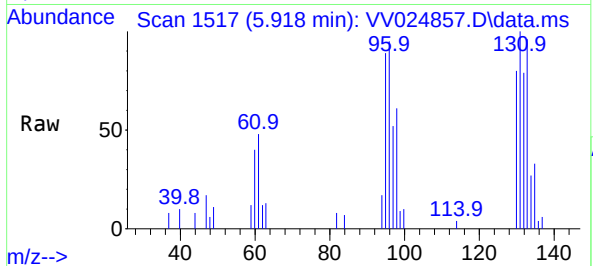
Tgt Ion: 78 Resp: 18271





#34
Trichloroethene
Concen: 1.166 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

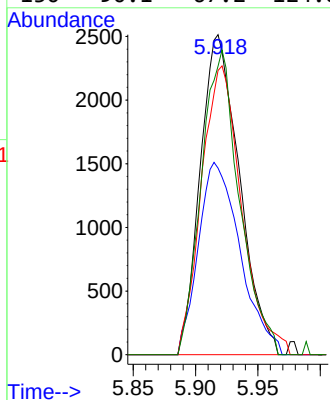
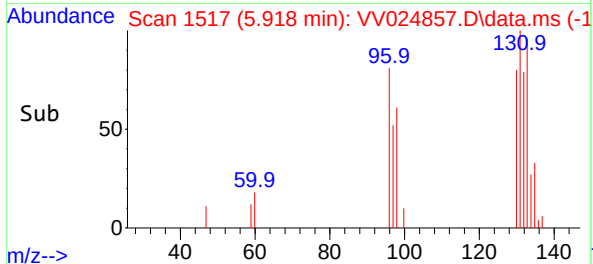
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 95 Resp: 5498
Ion Ratio Lower Upper
95 100
97 58.3 43.8 81.4
132 88.8 63.1 117.1
130 90.1 67.2 124.8

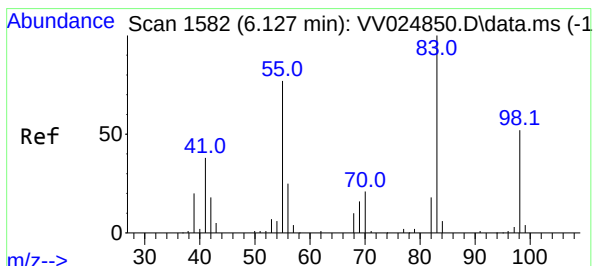
Manual Integrations
APPROVED

Reviewed By :John
Carlone

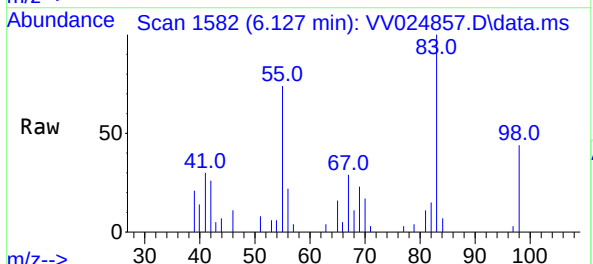


03/03/2022
Supervised By :Mahesh
Dadoda

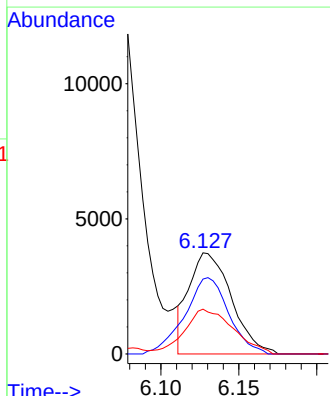
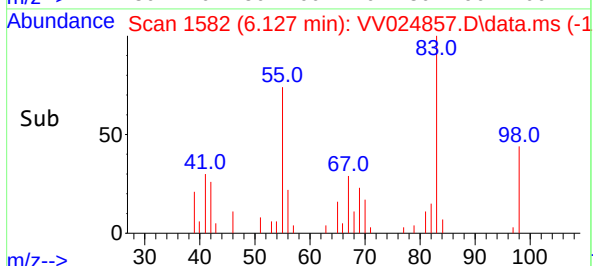
03/03/2022

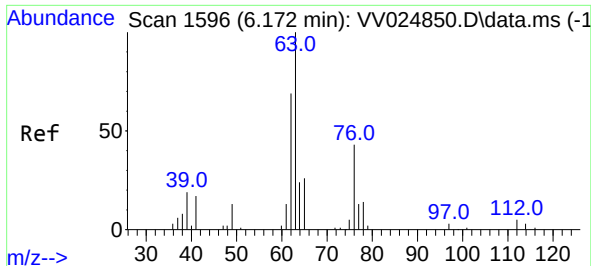


#35
Methylcyclohexane
Concen: 0.915 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



Tgt Ion: 83 Resp: 7097
Ion Ratio Lower Upper
83 100
55 78.1 58.3 87.5
98 51.1 39.2 58.8





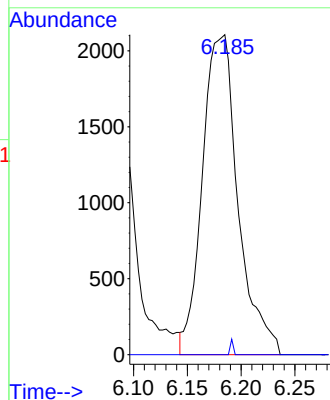
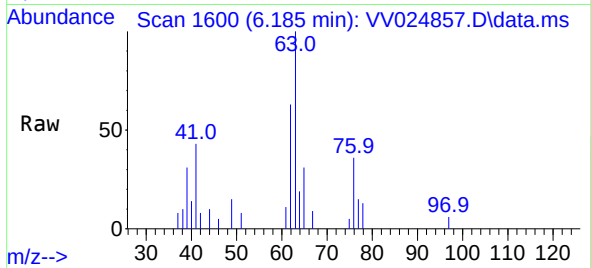
#37
1,2-Dichloropropane
Concen: 1.235 ug/L
RT: 6.185 min Scan# 110
Delta R.T. 0.013 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 63 Resp: 4860
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4

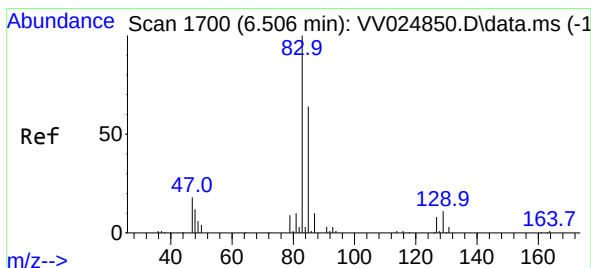
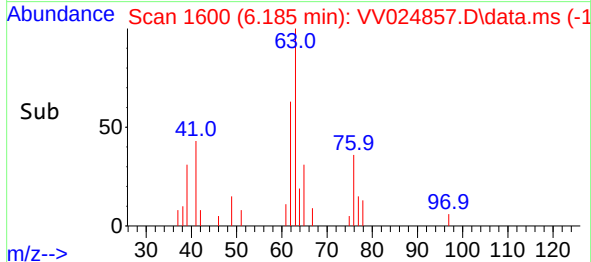
Manual Integrations
APPROVED

Reviewed By :John
Carlone



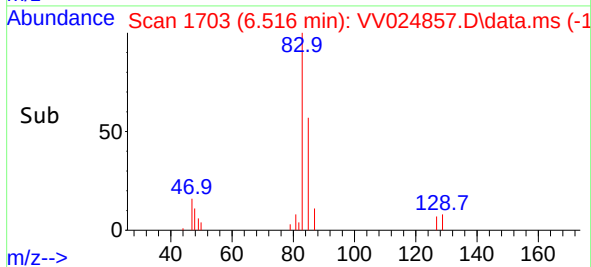
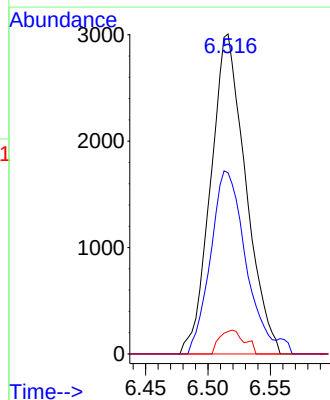
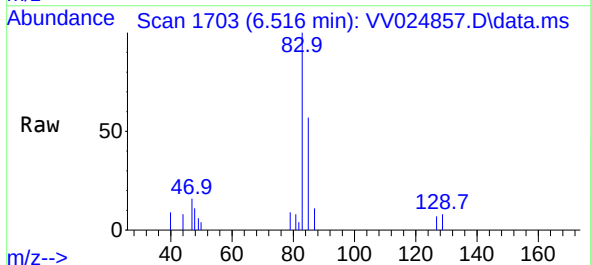
03/03/2022
Supervised By :Mahesh
Dadoda

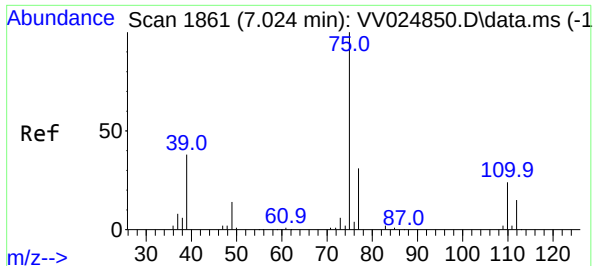
03/03/2022



#38
Bromodichloromethane
Concen: 1.147 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.010 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

Tgt Ion: 83 Resp: 5867
Ion Ratio Lower Upper
83 100
85 56.7 44.8 83.2
127 7.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 1.063 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV024857.D

Acq: 02 Mar 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 75 Resp: 6238

Ion Ratio Lower Upper

75 100

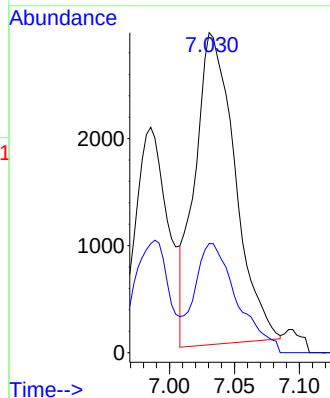
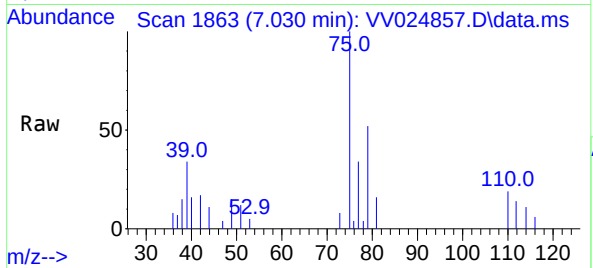
77 34.1 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :John

Carlone

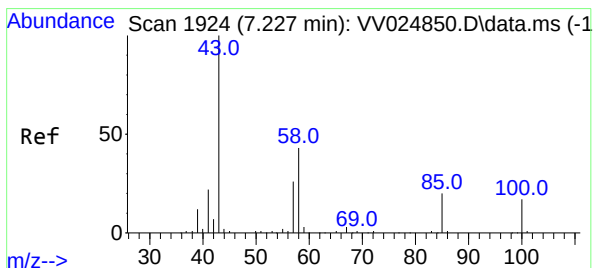
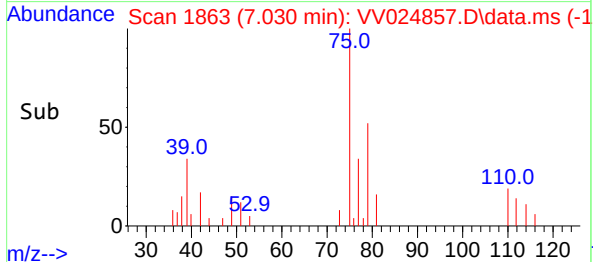


03/03/2022

Supervised By :Mahesh

Dadoda

03/03/2022



#40

4-Methyl-2-pentanone

Concen: 1.976 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.010 min

Lab File: VV024857.D

Acq: 02 Mar 2022 19:17

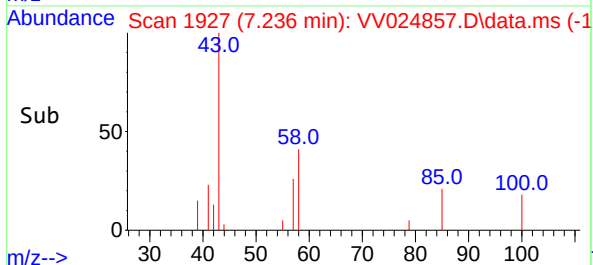
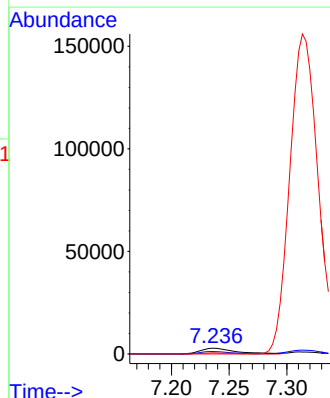
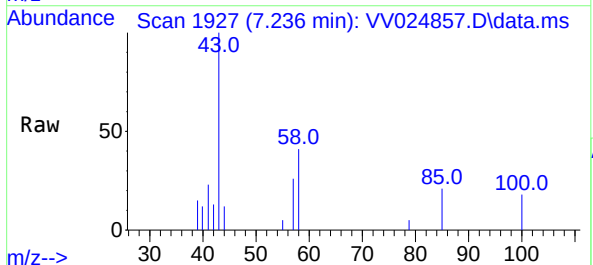
Tgt Ion: 43 Resp: 5940

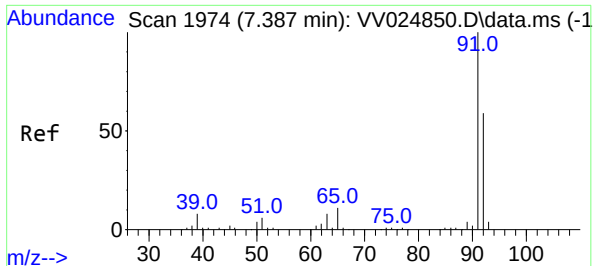
Ion Ratio Lower Upper

43 100

58 37.4 34.9 52.3

100 15.2 13.8 20.6





#42

Toluene

Concen: 1.474 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV024857.D

Acq: 02 Mar 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 91 Resp: 2534

Ion Ratio Lower Upper

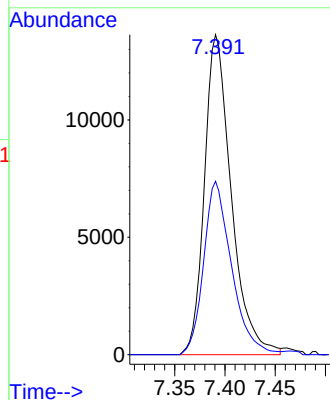
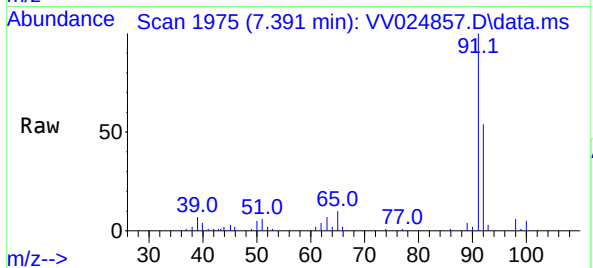
91 100

92 54.2 41.2 76.6

Manual Integrations

APPROVED

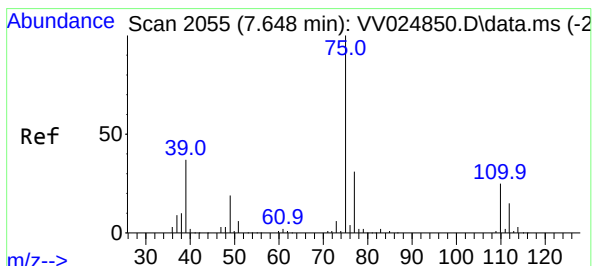
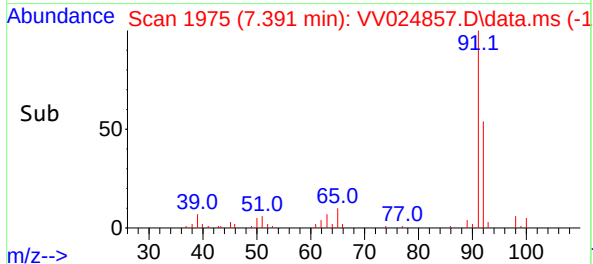
Reviewed By :John
Carlone



03/03/2022

Supervised By :Mahesh
Dadoda

03/03/2022



#44

trans-1,3-Dichloropropene

Concen: 1.073 ug/L m

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV024857.D

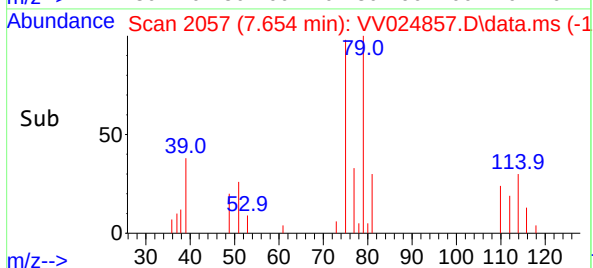
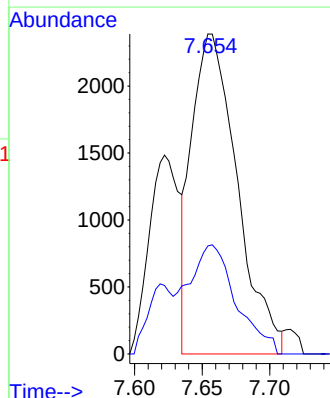
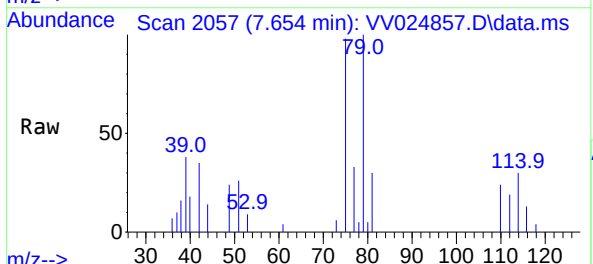
Acq: 02 Mar 2022 19:17

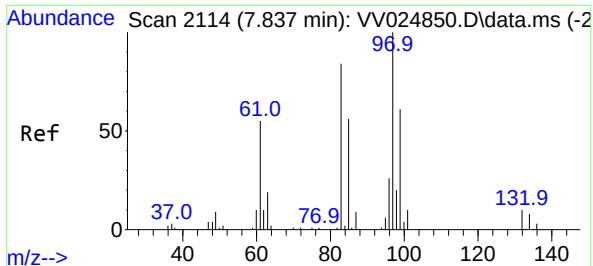
Tgt Ion: 75 Resp: 5579

Ion Ratio Lower Upper

75 100

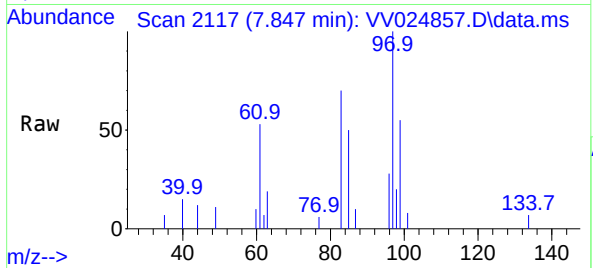
77 33.7 21.6 40.2





#45
1,1,2-Trichloroethane
Concen: 1.137 ug/L
RT: 7.847 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

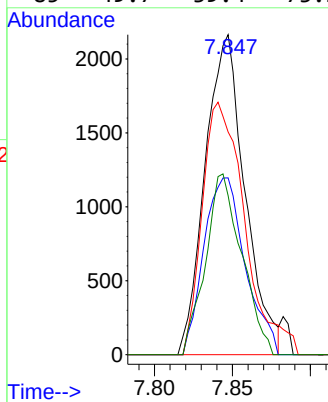
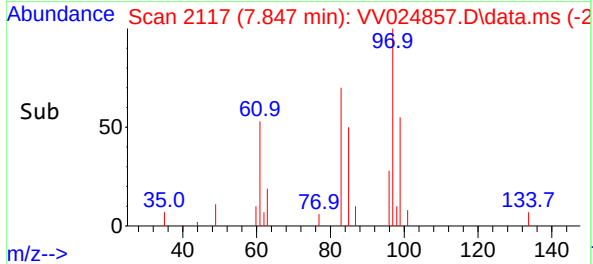


Tgt Ion: 97 Resp: 3834

Ion	Ratio	Lower	Upper
97	100		
99	55.3	42.5	78.9
83	69.6	58.9	109.3
85	49.7	39.4	73.2

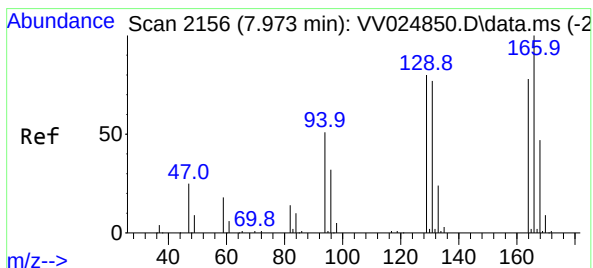
Manual Integrations
APPROVED

Reviewed By :John
Carlone

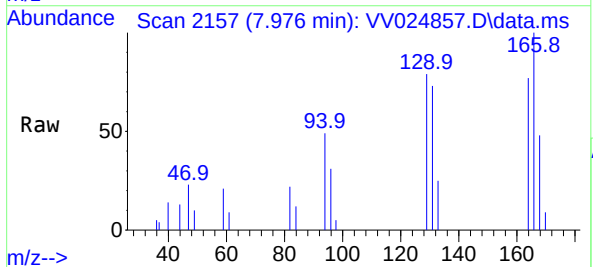


03/03/2022
Supervised By :Mahesh
Dadoda

03/03/2022

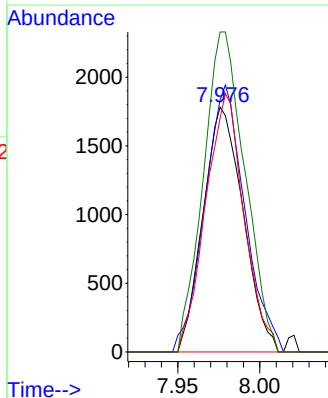
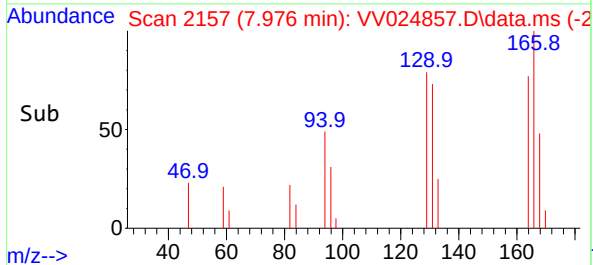


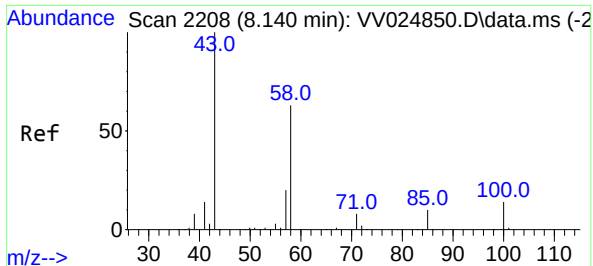
#46
Tetrachloroethene
Concen: 0.987 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



Tgt Ion:164 Resp: 3017

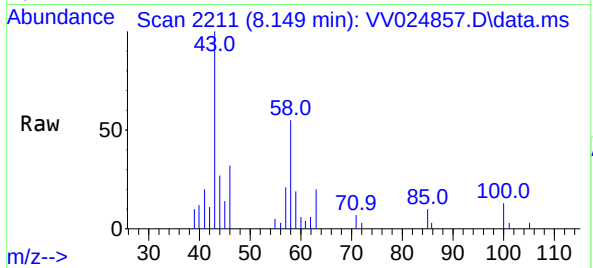
Ion	Ratio	Lower	Upper
164	100		
129	103.1	71.5	132.9
131	95.6	68.8	127.8
166	130.7	89.2	165.8





#48
2-Hexanone
Concen: 4.080 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

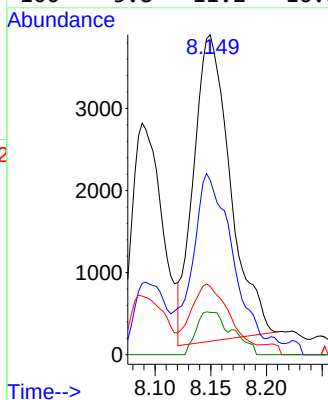
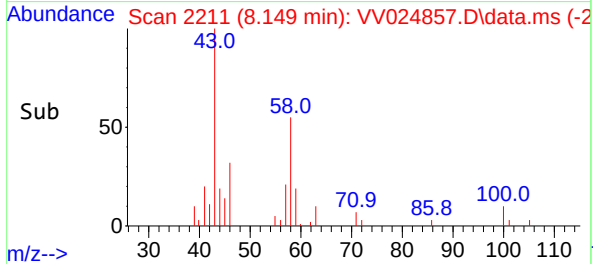
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 8548
Ion Ratio Lower Upper
43 100
58 54.9 47.6 71.4
57 20.4 17.0 25.6
100 5.8 11.2 16.8#

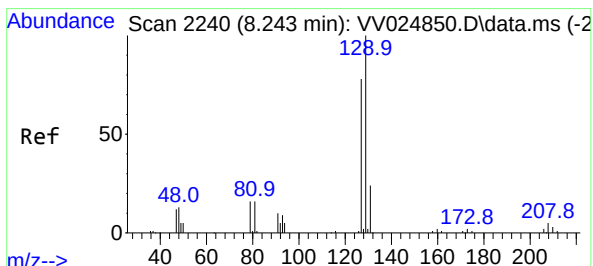
Manual Integrations
APPROVED

Reviewed By :John
Carlone



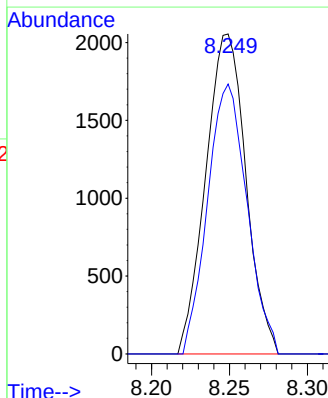
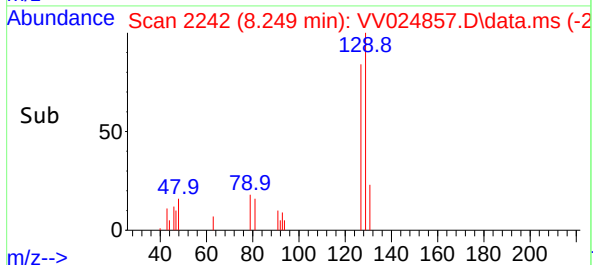
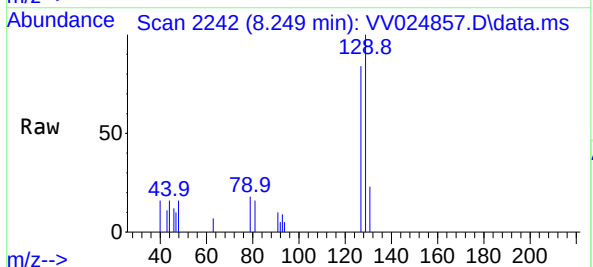
03/03/2022
Supervised By :Mahesh
Dadoda

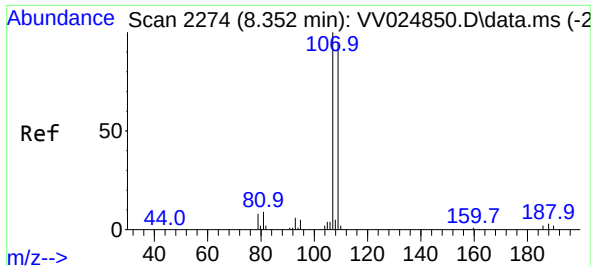
03/03/2022



#49
Dibromochloromethane
Concen: 1.042 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

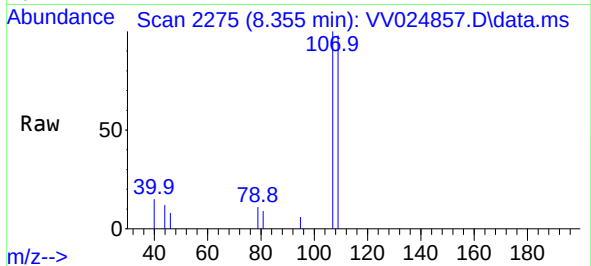
Tgt Ion:129 Resp: 3687
Ion Ratio Lower Upper
129 100
127 84.3 54.9 101.9





#50
1,2-Dibromoethane
Concen: 1.123 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

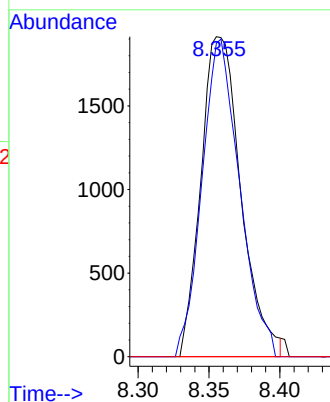
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:107 Resp: 375
Ion Ratio Lower Upper
107 100
109 98.0 66.6 123.8
188 0.0 2.6 3.8

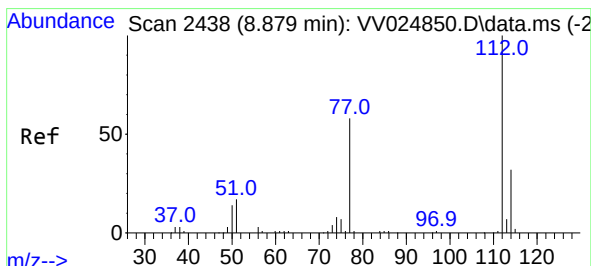
Manual Integrations
APPROVED

Reviewed By :John
Carlone



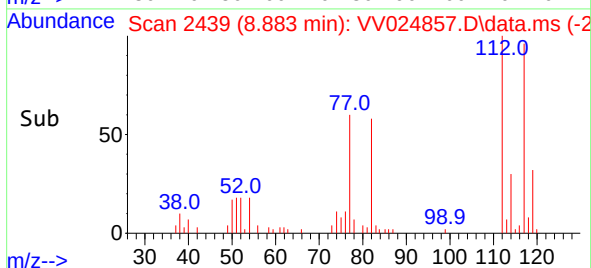
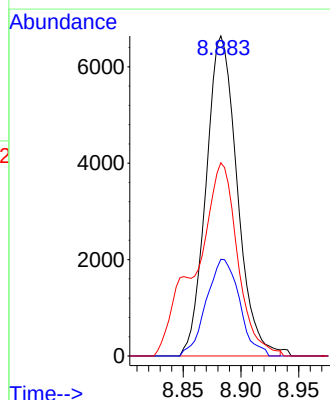
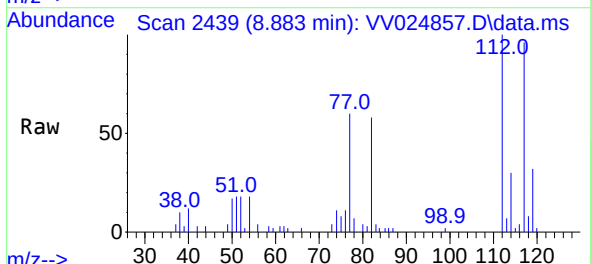
03/03/2022
Supervised By :Mahesh
Dadoda

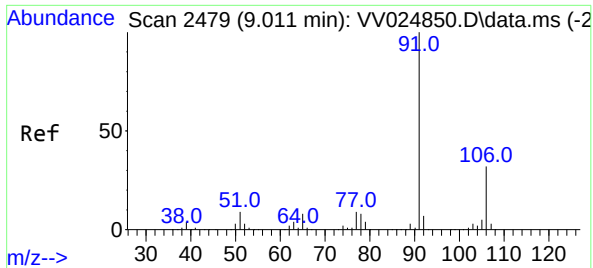
03/03/2022



#51
Chlorobenzene
Concen: 1.127 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

Tgt Ion:112 Resp: 12439
Ion Ratio Lower Upper
112 100
114 30.2 22.5 41.9
77 60.4 47.2 70.8





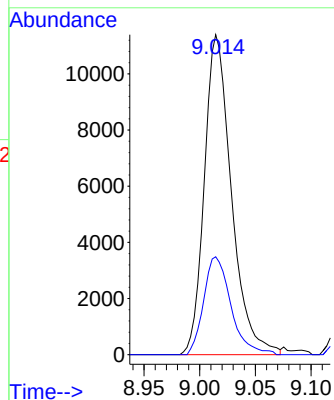
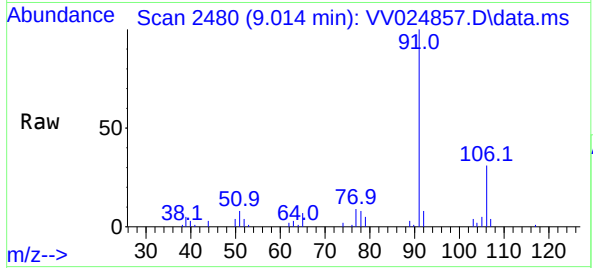
#52
Ethylbenzene
Concen: 1.032 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 1931
Ion Ratio Lower Upper
91 100
106 30.6 22.0 41.0

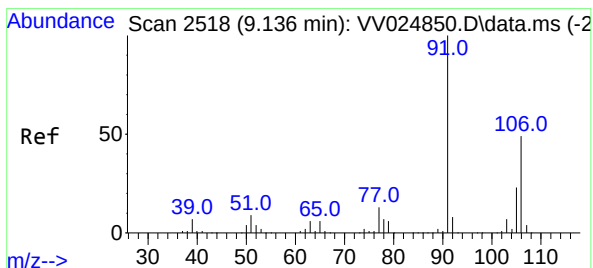
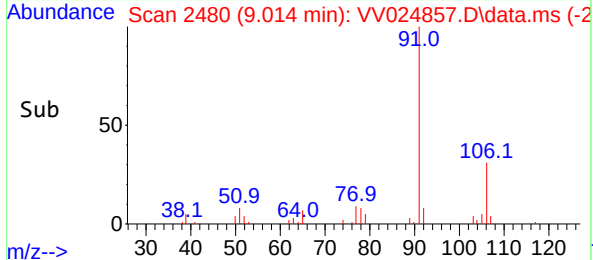
Manual Integrations
APPROVED

Reviewed By :John
Carlone



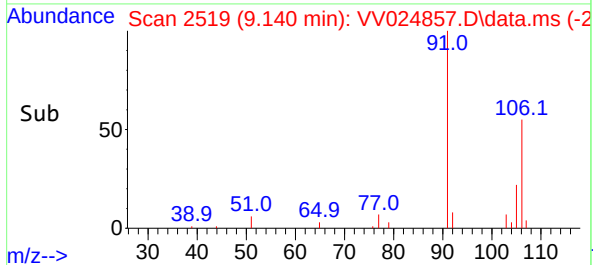
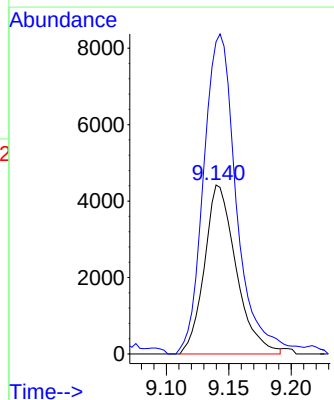
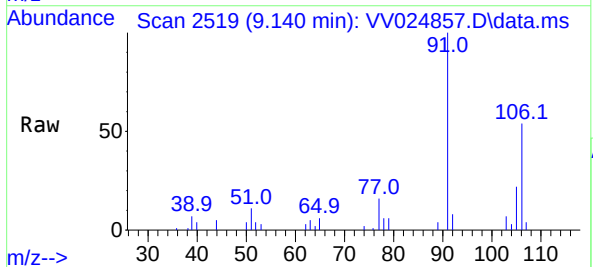
03/03/2022
Supervised By :Mahesh
Dadoda

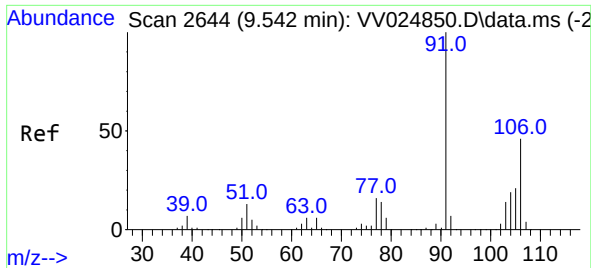
03/03/2022



#53
m,p-Xylene
Concen: 1.094 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

Tgt Ion:106 Resp: 7815
Ion Ratio Lower Upper
106 100
91 184.8 141.8 263.4





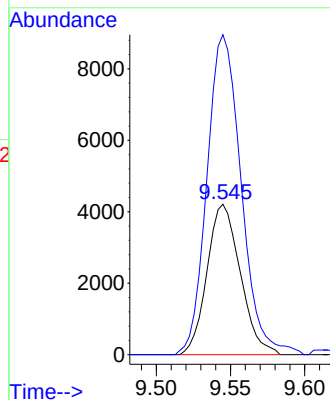
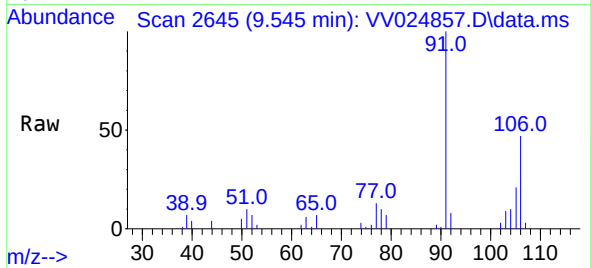
#54
o-Xylene
Concen: 0.980 ug/L
RT: 9.545 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 656
Ion Ratio Lower Upper
106 100
91 212.7 152.1 282.5

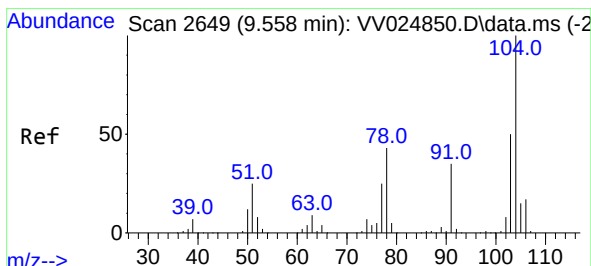
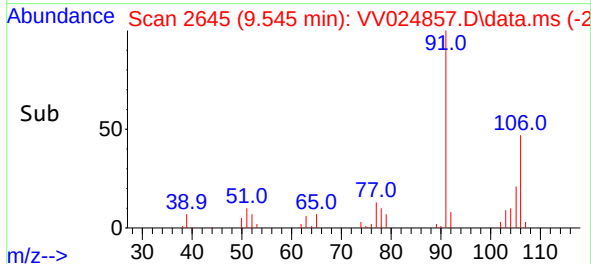
Manual Integrations
APPROVED

Reviewed By :John
Carlone



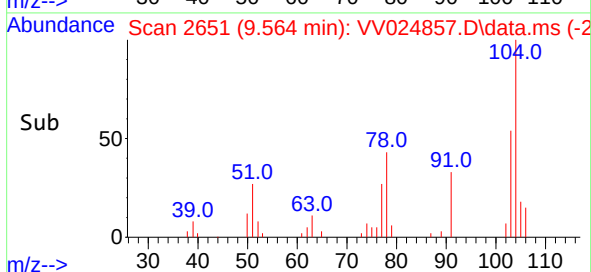
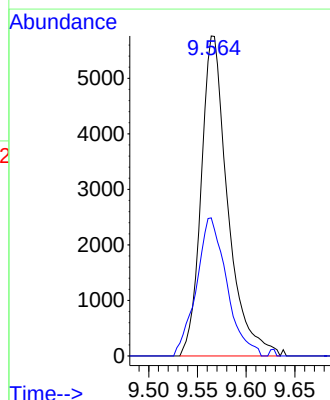
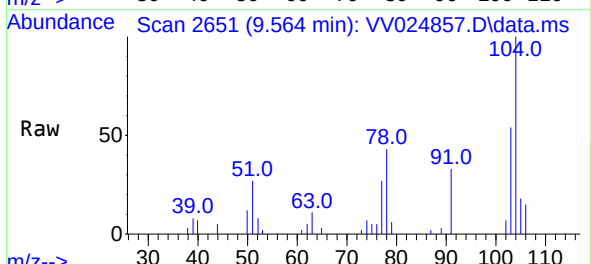
03/03/2022
Supervised By :Mahesh
Dadoda

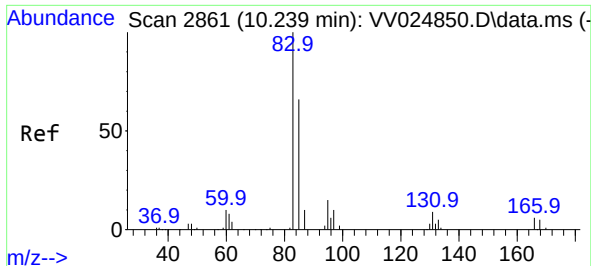
03/03/2022



#55
Styrene
Concen: 0.957 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

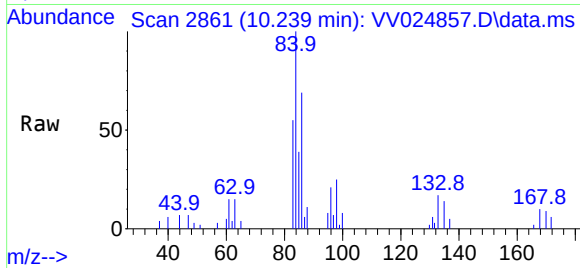
Tgt Ion:104 Resp: 10940
Ion Ratio Lower Upper
104 100
78 43.2 30.5 56.7





#57
1,1,2,2-Tetrachloroethane
Concen: 1.201 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

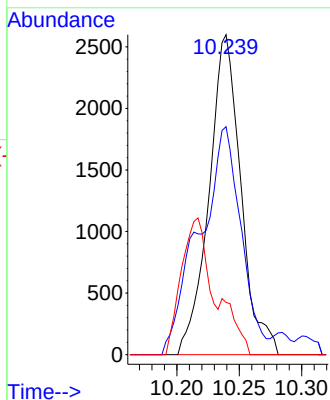
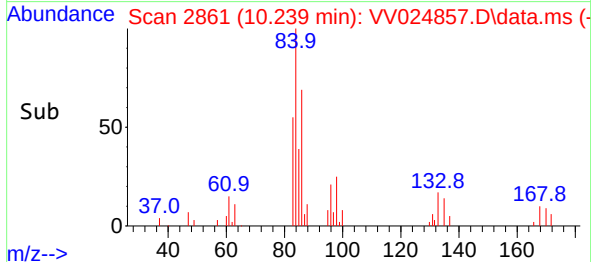
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 83 Resp: 4625
Ion Ratio Lower Upper
83 100
85 71.3 46.5 86.3
131 16.4 7.8 11.8

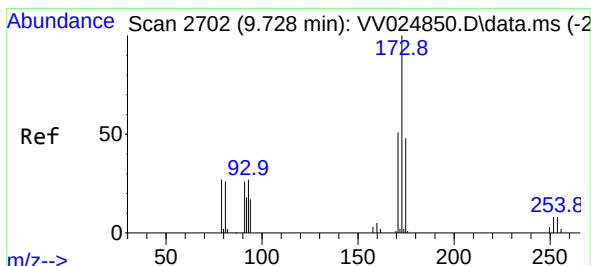
Manual Integrations
APPROVED

Reviewed By :John
Carlone

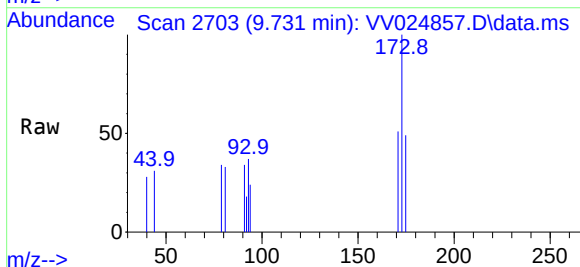


03/03/2022
Supervised By :Mahesh
Dadoda

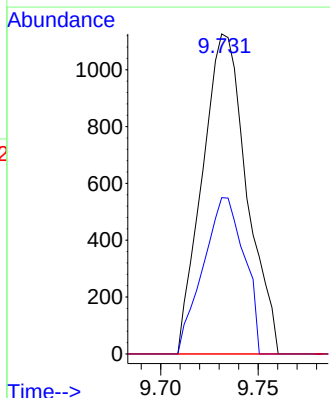
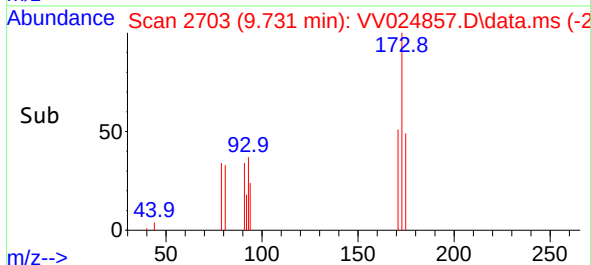
03/03/2022

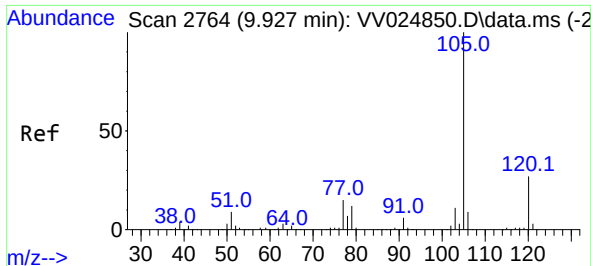


#59
Bromoform
Concen: 0.985 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



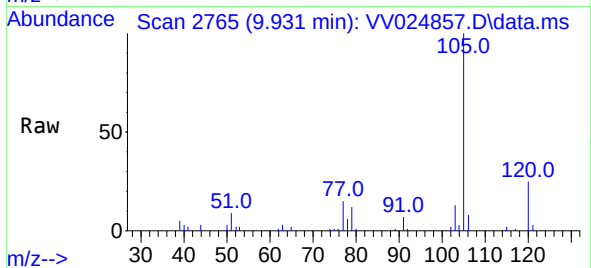
Tgt Ion:173 Resp: 1784
Ion Ratio Lower Upper
173 100
175 45.3 38.7 58.1
254 0.0 6.2 9.2





#60
Isopropylbenzene
Concen: 1.022 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

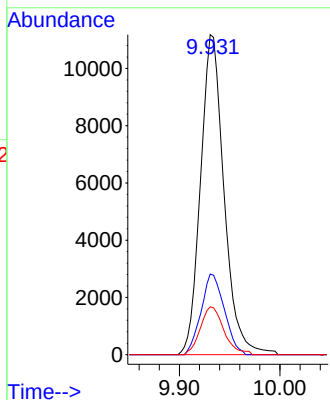
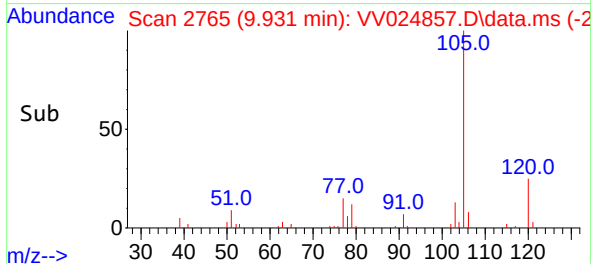
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:105 Resp: 1815
Ion Ratio Lower Upper
105 100
120 24.9 20.8 31.2
77 14.8 12.4 18.6

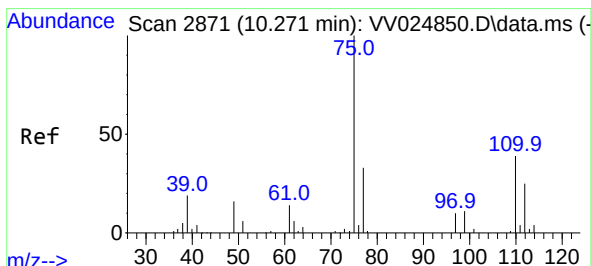
Manual Integrations
APPROVED

Reviewed By :John
Carlone

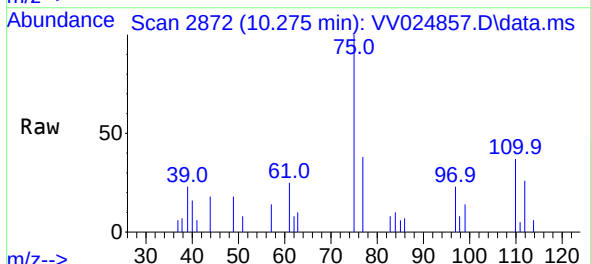


03/03/2022
Supervised By :Mahesh
Dadoda

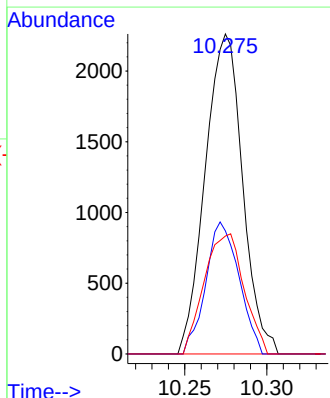
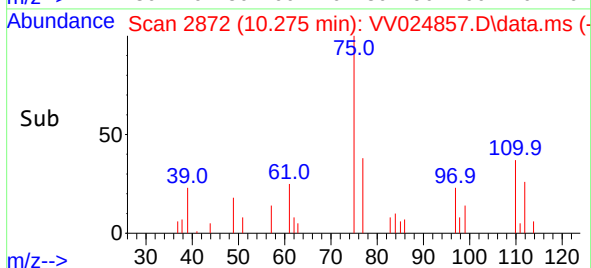
03/03/2022

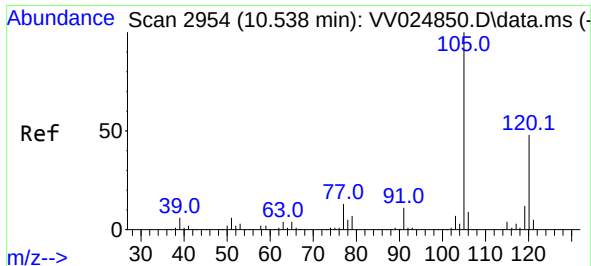


#61
1,2,3-Trichloropropane
Concen: 1.083 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



Tgt Ion: 75 Resp: 3572
Ion Ratio Lower Upper
75 100
77 36.8 26.7 40.1
110 40.0 31.4 47.2





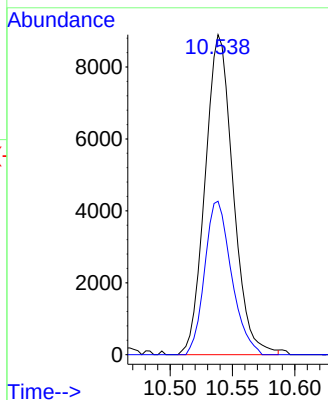
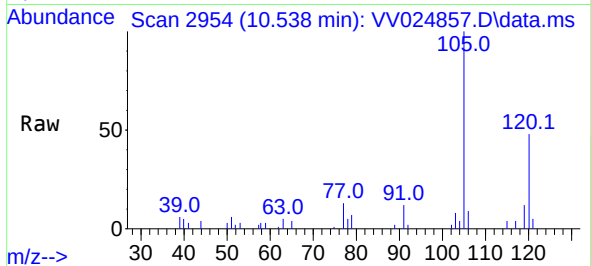
#62
1,3,5-Trimethylbenzene
Concen: 1.047 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 13929
Ion Ratio Lower Upper
105 100
120 45.8 38.5 57.7

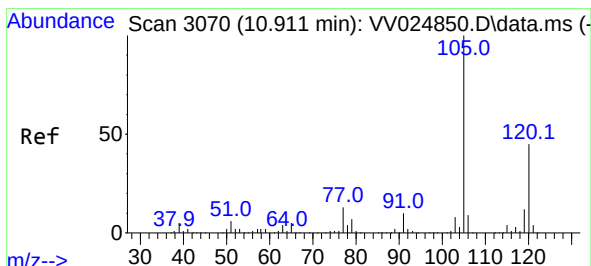
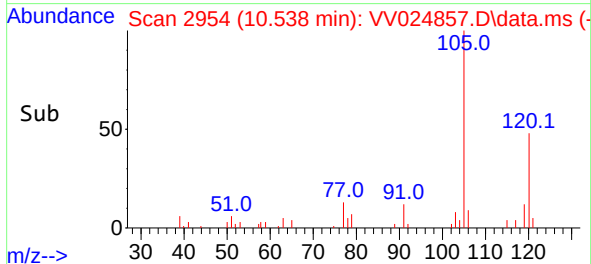
Manual Integrations
APPROVED

Reviewed By :John
Carlone



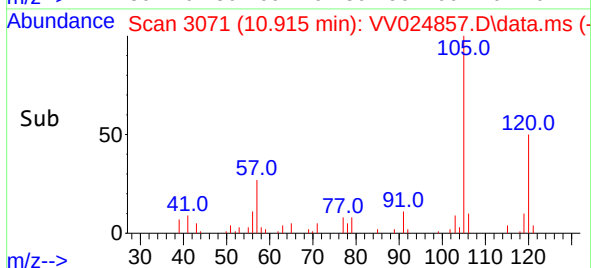
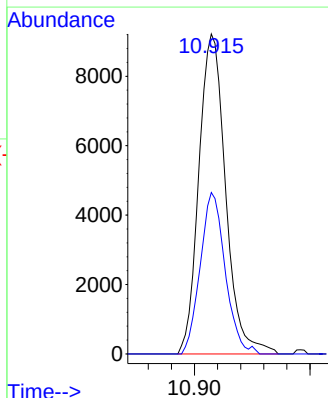
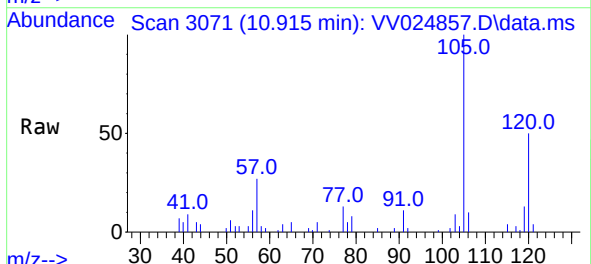
03/03/2022
Supervised By :Mahesh
Dadoda

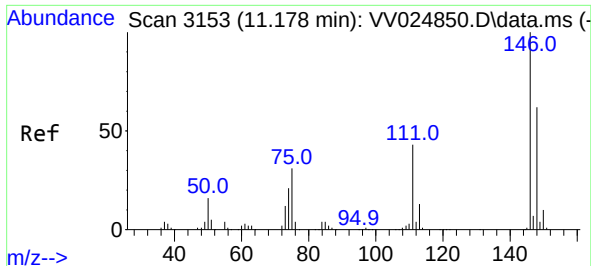
03/03/2022



#63
1,2,4-Trimethylbenzene
Concen: 1.009 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

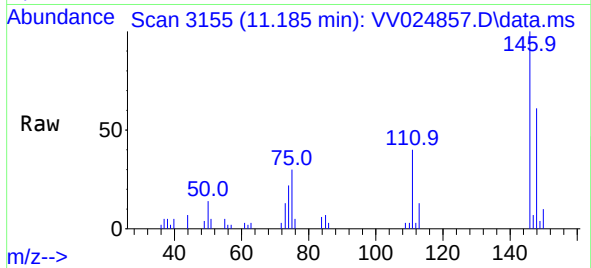
Tgt Ion:105 Resp: 14820
Ion Ratio Lower Upper
105 100
120 46.6 35.8 53.8





#64
1,3-Dichlorobenzene
Concen: 1.096 ug/L
RT: 11.185 min Scan# 3153
Delta R.T. 0.006 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

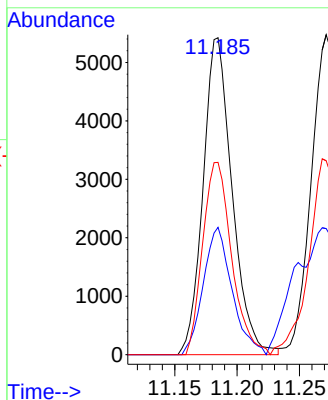
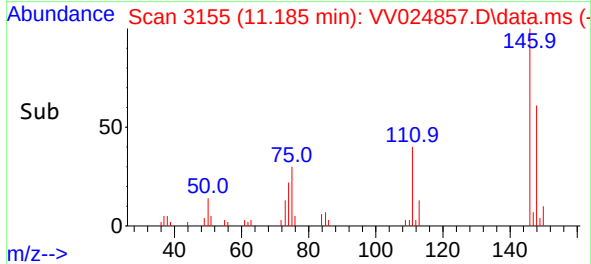
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:146 Resp: 8782
Ion Ratio Lower Upper
146 100
111 40.2 30.0 55.6
148 60.7 43.5 80.9

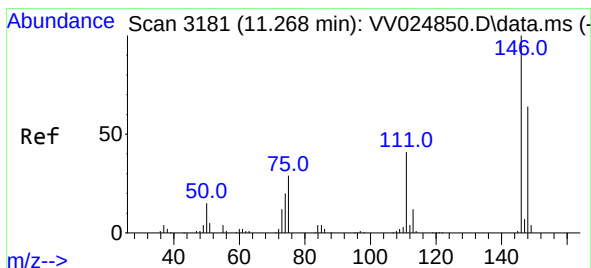
Manual Integrations
APPROVED

Reviewed By :John
Carlone

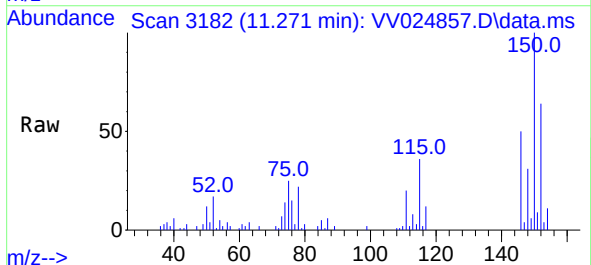


03/03/2022
Supervised By :Mahesh
Dadoda

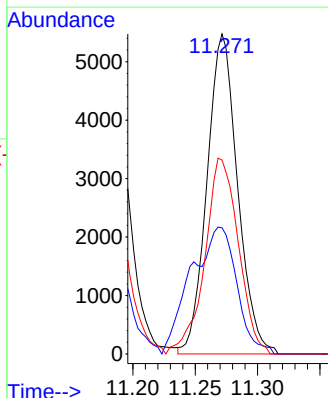
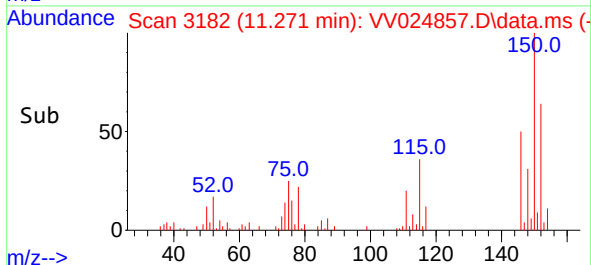
03/03/2022

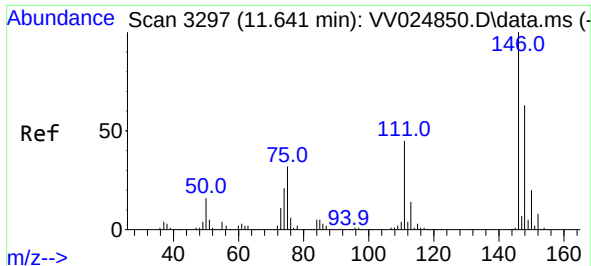


#65
1,4-Dichlorobenzene
Concen: 1.151 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



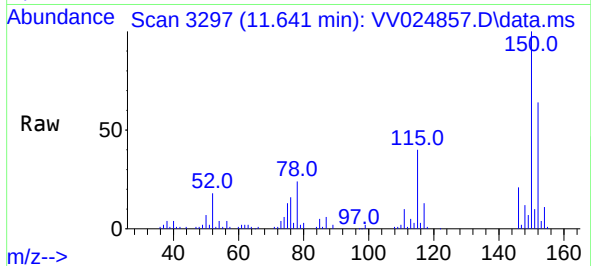
Tgt Ion:146 Resp: 9356
Ion Ratio Lower Upper
146 100
111 39.4 29.2 54.2
148 60.6 45.1 83.7





#67
1,2-Dichlorobenzene
Concen: 1.200 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

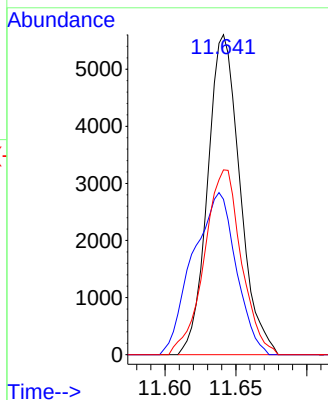
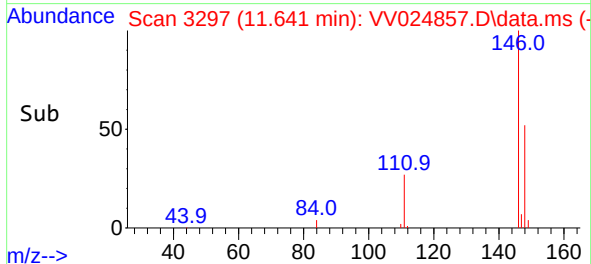
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:146 Resp: 8890
Ion Ratio Lower Upper
146 100
111 48.5 36.4 54.6
148 57.7 50.5 75.7

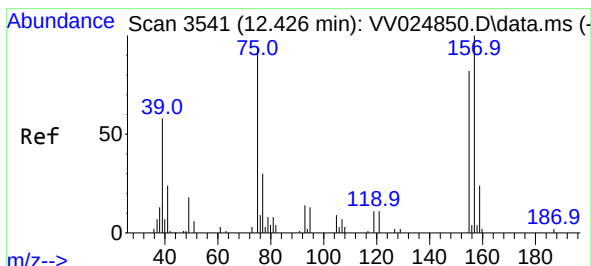
Manual Integrations
APPROVED

Reviewed By :John
Carlone

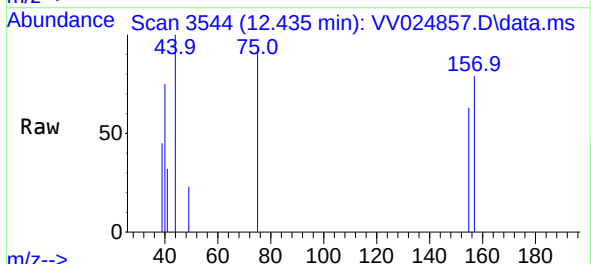


03/03/2022
Supervised By :Mahesh
Dadoda

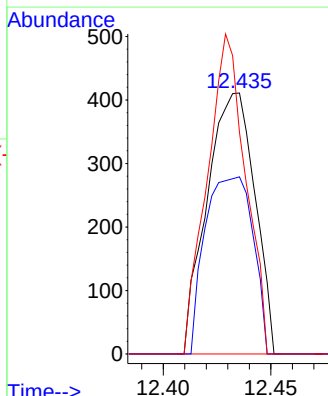
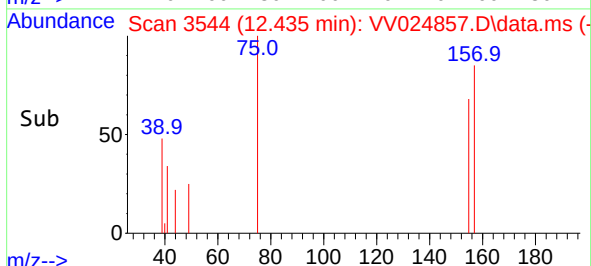
03/03/2022

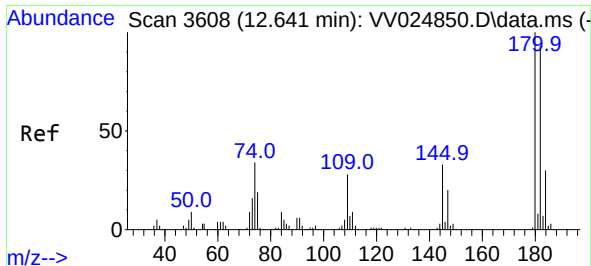


#68
1,2-Dibromo-3-chloropropane
Concen: 0.938 ug/L m
RT: 12.435 min Scan# 3544
Delta R.T. 0.010 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



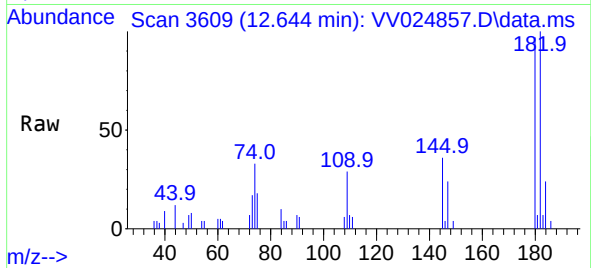
Tgt Ion: 75 Resp: 635
Ion Ratio Lower Upper
75 100
155 67.9 69.8 104.6#
157 84.9 85.3 127.9#





#69
1,3,5-Trichlorobenzene
Concen: 1.001 ug/L
RT: 12.644 min Scan# 3608
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

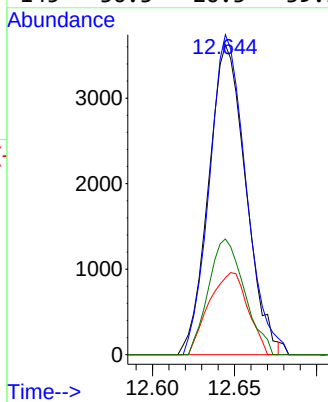
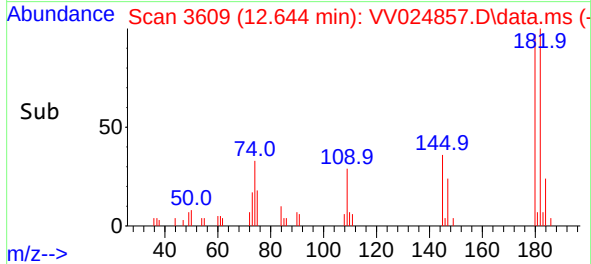
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:180 Resp: 5698
Ion Ratio Lower Upper
180 100
182 101.2 75.8 113.8
184 27.7 24.2 36.4
145 36.3 26.3 39.5

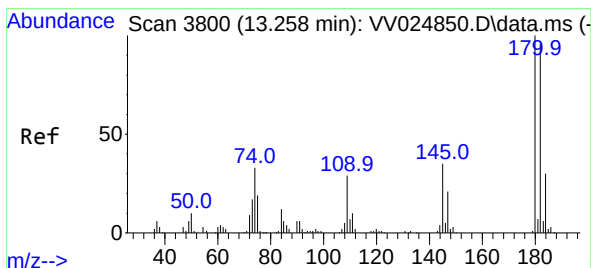
Manual Integrations
APPROVED

Reviewed By :John
Carlone

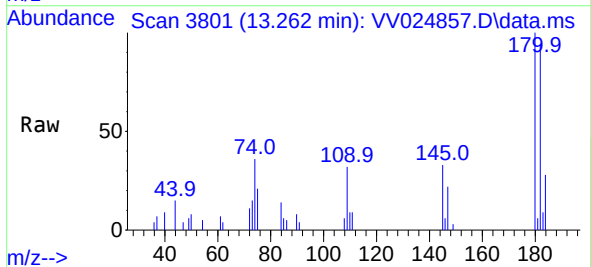


03/03/2022
Supervised By :Mahesh
Dadoda

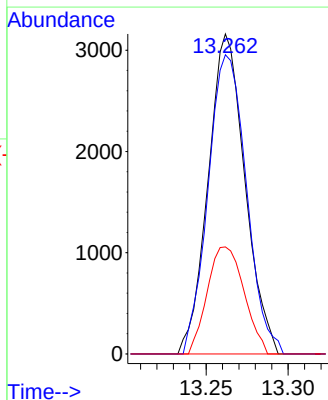
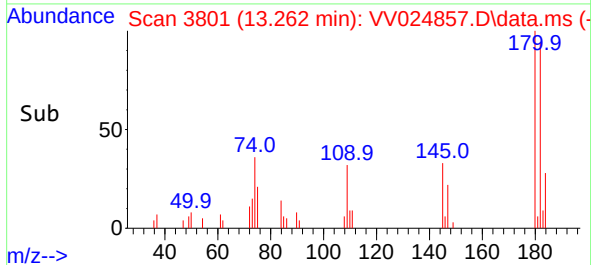
03/03/2022

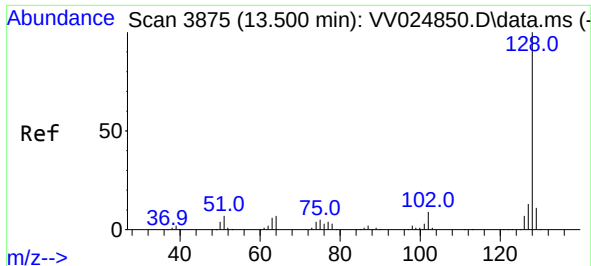


#70
1,2,4-trichlorobenzene
Concen: 0.992 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



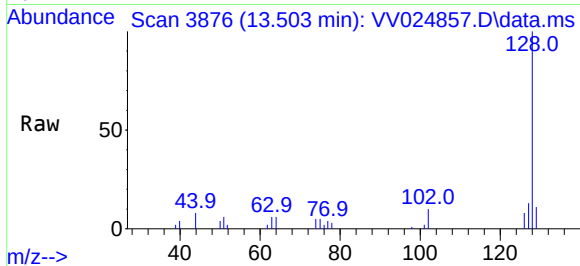
Tgt Ion:180 Resp: 4918
Ion Ratio Lower Upper
180 100
182 97.4 76.0 114.0
145 33.4 27.0 40.4





#71
Naphthalene
Concen: 0.986 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17

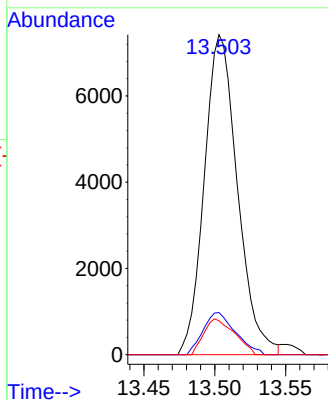
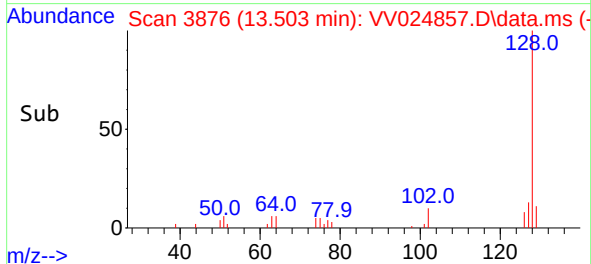
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:128 Resp: 12079
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.3 8.7 13.1

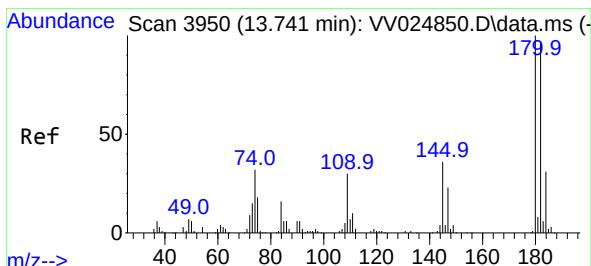
Manual Integrations
APPROVED

Reviewed By :John
Carlone

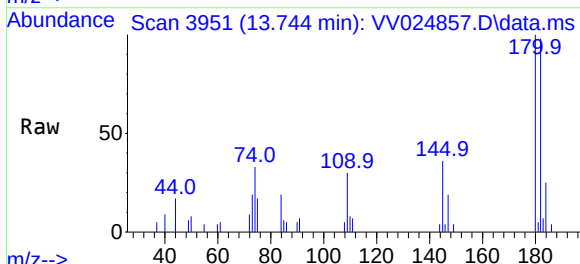


03/03/2022
Supervised By :Mahesh
Dadoda

03/03/2022



#72
1,2,3-Trichlorobenzene
Concen: 1.020 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024857.D
Acq: 02 Mar 2022 19:17



Tgt Ion:180 Resp: 4671
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.4
145 34.7 28.3 42.5

