

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110321\
 Data File : VW023190.D
 Acq On : 03 Nov 2021 16:33
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/10/2021

Quant Time: Nov 03 16:55:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	243424	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	244853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126994	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68027	40.550	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.100%		
7) Chloroethane-d5	1.568	69	57684	44.085	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.160%		
11) 1,1-Dichloroethene-d2	2.108	63	104802	32.979	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.960%		
21) 2-Butanone-d5	3.879	46	132469	105.395	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.390%		
24) Chloroform-d	4.349	84	171174	48.530	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.060%		
26) 1,2-Dichloroethane-d4	5.031	65	110345	52.854	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.700%		
32) Benzene-d6	5.050	84	325068	48.464	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.920%		
36) 1,2-Dichloropropane-d6	6.069	67	103905	48.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.320%		
41) Toluene-d8	7.317	98	291574	47.647	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.300%		
43) trans-1,3-Dichloroprop...	7.622	79	49667	48.531	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.060%		
47) 2-Hexanone-d5	8.088	63	94625	102.033	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.030%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	149012	47.748	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.500%		
66) 1,2-Dichlorobenzene-d4	11.625	152	127269	51.954	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	6121	2.645	ug/L	97
3) Chloromethane	1.240	50	5885	2.696	ug/L	98
5) Vinyl chloride	1.310	62	5768	2.645	ug/L #	74
6) Bromomethane	1.523	94	3451	2.817	ug/L	96
8) Chloroethane	1.584	64	3286	2.475	ug/L	100
9) Trichlorofluoromethane	1.754	101	8688	2.625	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5118	2.913	ug/L	94
12) 1,1-Dichloroethene	2.121	96	5149	3.158	ug/L #	1
13) Acetone	2.172	43	7388	5.930	ug/L #	74
14) Carbon disulfide	2.294	76	12988	2.664	ug/L	99
15) Methyl Acetate	2.439	43	5873	2.840	ug/L #	85
16) Methylene chloride	2.510	84	6052	2.897	ug/L	90
17) trans-1,2-Dichloroethene	2.764	96	4902	2.634	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	14783	2.645	ug/L	97
19) 1,1-Dichloroethane	3.195	63	9306	2.684	ug/L	96
20) cis-1,2-Dichloroethene	3.918	96	5628	2.829	ug/L	100
22) 2-Butanone	3.992	43	9875m	6.955	ug/L	
23) Bromochloromethane	4.262	128	3265	2.913	ug/L	93
25) Chloroform	4.378	83	11047	3.098	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	6874	2.568	ug/L	99
29) Cyclohexane	4.683	56	6582	2.303	ug/L	91
30) 1,1,1-Trichloroethane	4.616	97	9082	2.784	ug/L	97
31) Carbon tetrachloride	4.831	117	7741	2.640	ug/L	98
33) Benzene	5.108	78	21370	2.802	ug/L	100
34) Trichloroethene	5.924	95	5183	2.600	ug/L	94
35) Methylcyclohexane	6.130	83	7504	2.416	ug/L	96
37) 1,2-Dichloropropane	6.175	63	4461	2.225	ug/L #	95
38) Bromodichloromethane	6.516	83	6809	2.510	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	6603	2.172	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	12391	4.793	ug/L	96
42) Toluene	7.394	91	26062	3.192	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	10054m	3.411	ug/L	
45) 1,1,2-Trichloroethane	7.847	97	5279	2.579	ug/L	99
46) Tetrachloroethene	7.982	164	4559	2.653	ug/L	95
48) 2-Hexanone	8.146	43	11432	5.569	ug/L	94
49) Dibromochloromethane	8.252	129	6427	2.748	ug/L	90
50) 1,2-Dibromoethane	8.358	107	5488	2.546	ug/L	96
51) Chlorobenzene	8.889	112	14137	2.564	ug/L	98
52) Ethylbenzene	9.018	91	21549	2.481	ug/L	97
53) m,p-Xylene	9.146	106	8246	2.463	ug/L	92
54) o-Xylene	9.545	106	7439	2.283	ug/L	89
55) Styrene	9.567	104	12492	2.205	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	9371	2.871	ug/L #	96
59) Bromoform	9.735	173	4456	2.774	ug/L	93
60) Isopropylbenzene	9.934	105	19051	2.348	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	6550	2.752	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	15410	2.306	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	15773	2.351	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	11011	2.685	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	12021	2.814	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	12284	2.962	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	1769	2.663	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	8260	2.663	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	6878	2.558	ug/L	99
71) Naphthalene	13.506	128	19261	2.231	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	7347	2.585	ug/L	94

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

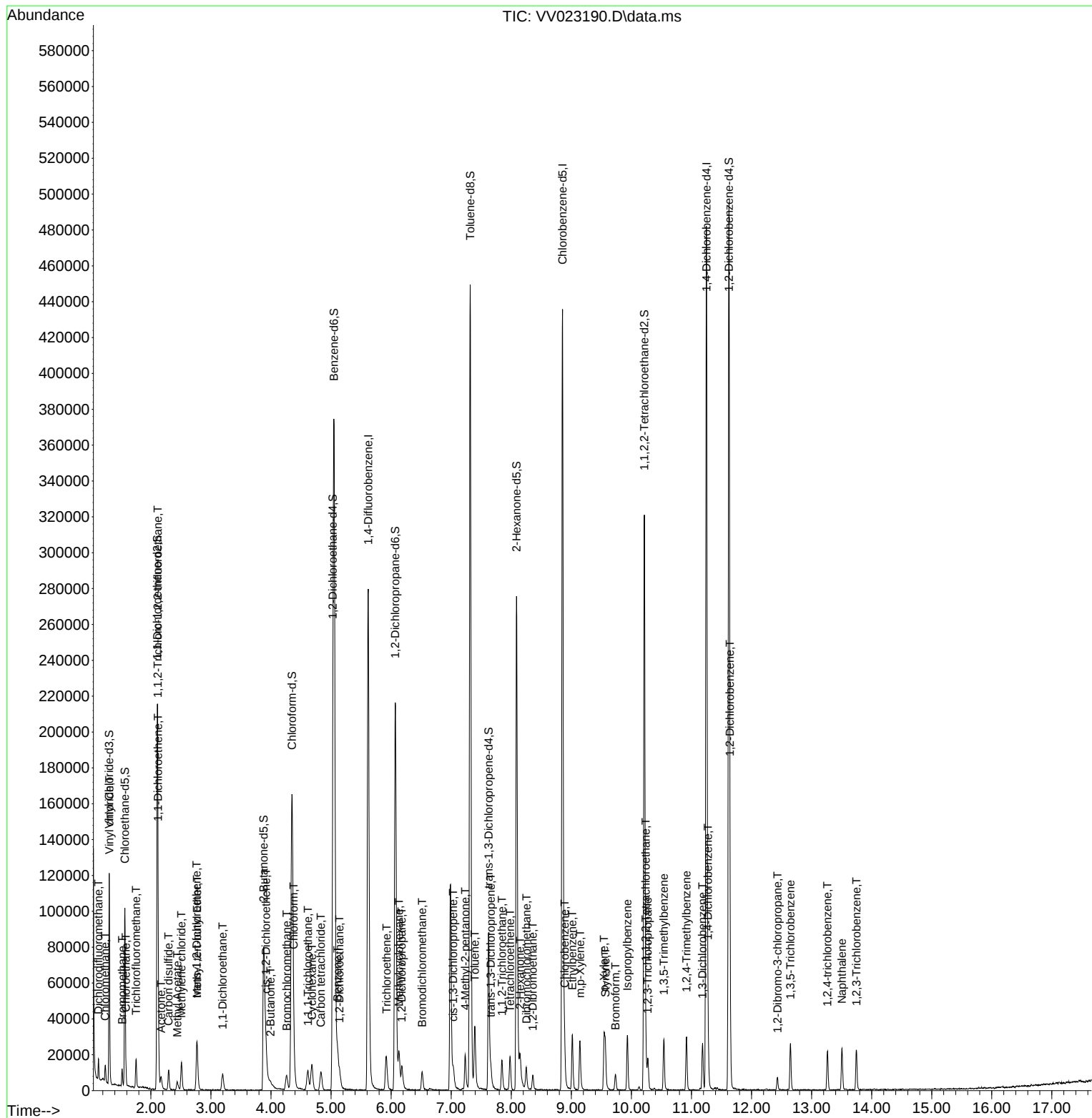
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110321\
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 ALS Vial : 7 Sample Multiplier: 1

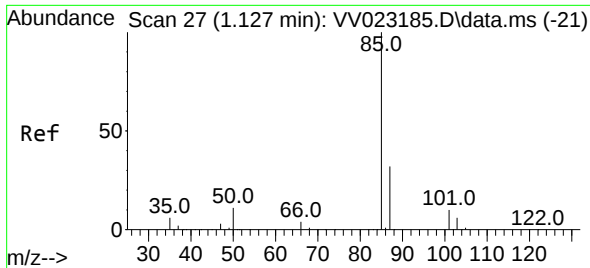
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

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 Supervised By :Semsettin Yesilyurt 11/10/2021

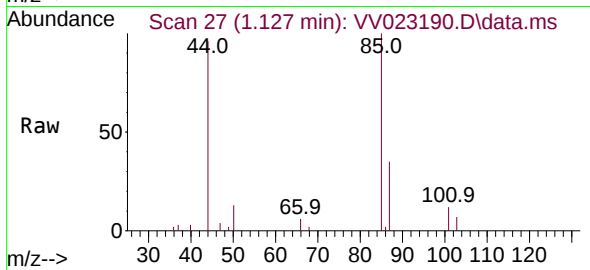
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#2
 Dichlorodifluoromethane
 Concen: 2.645 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023190.D
 Acq: 03 Nov 2021 16:33

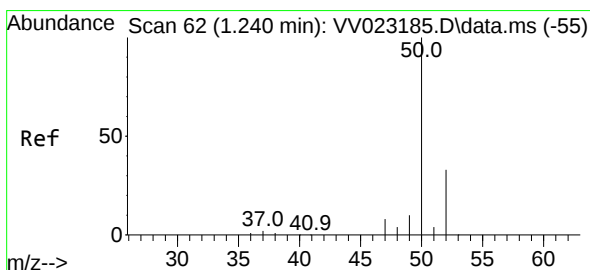
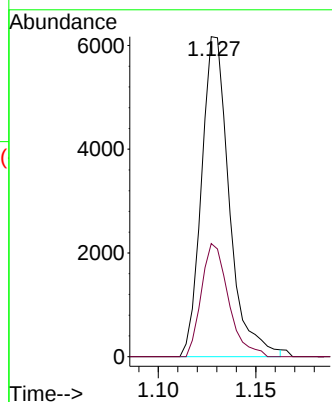
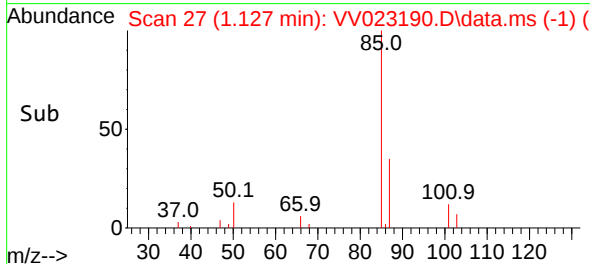
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06



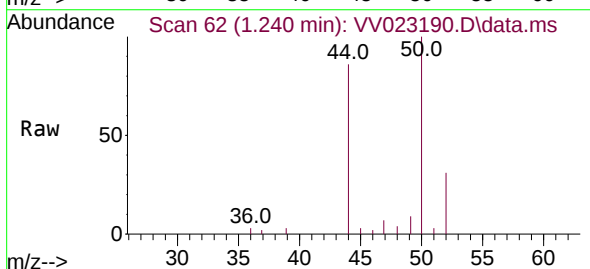
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 Ion Ratio Lower Upper
 85 100
 87 34.5 26.2 39.2

Manual Integrations
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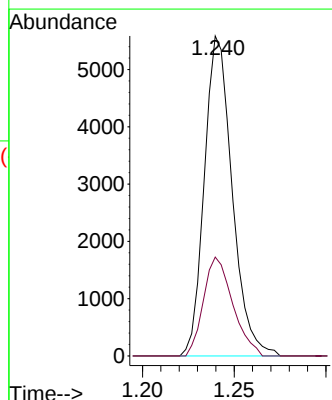
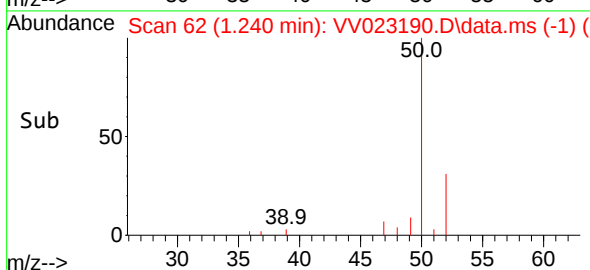
Reviewed By :Mahesh Dadoda 11/10/2021
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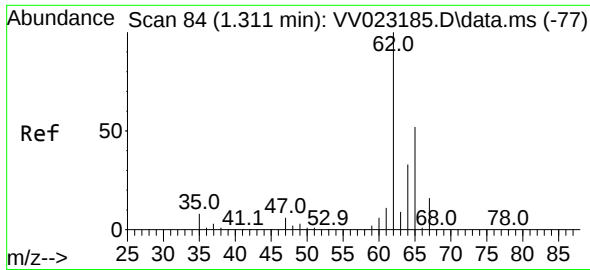


#3
 Chloromethane
 Concen: 2.696 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023190.D
 Acq: 03 Nov 2021 16:33



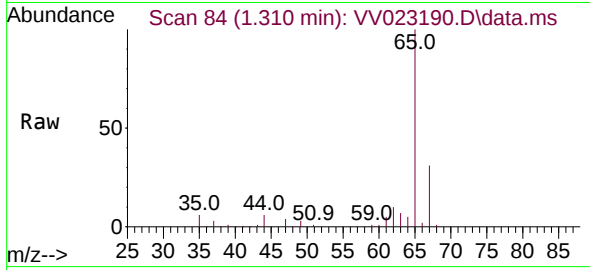
Tgt Ion: 50 Resp: 5885
 Ion Ratio Lower Upper
 50 100
 52 30.9 22.5 41.9





#5
 Vinyl chloride
 Concen: 2.645 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023190.D
 Acq: 03 Nov 2021 16:33

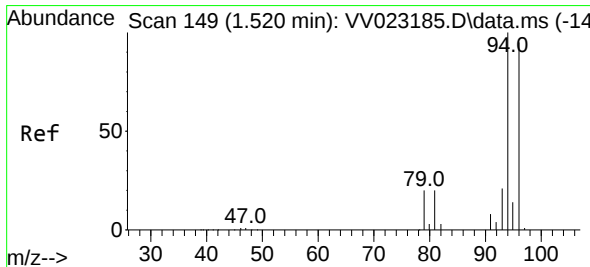
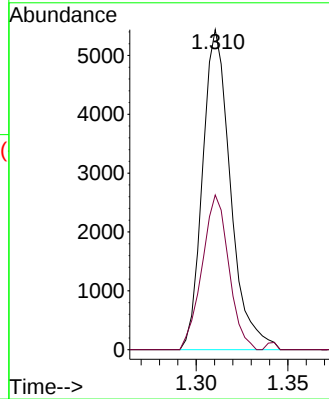
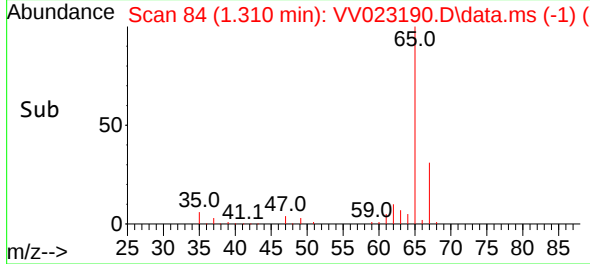
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06



Tgt Ion: 62 Resp: 576
 Ion Ratio Lower Upper
 62 100
 64 48.4 23.4 43.4

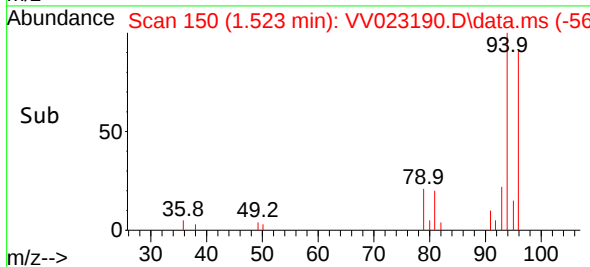
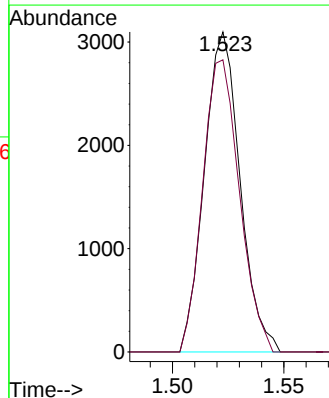
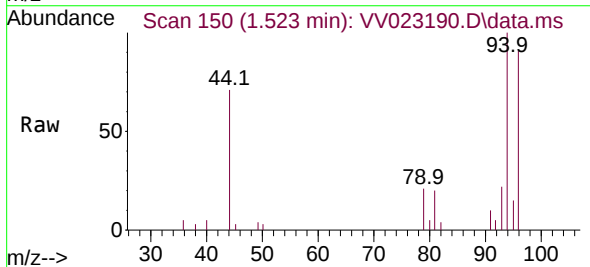
Manual Integrations
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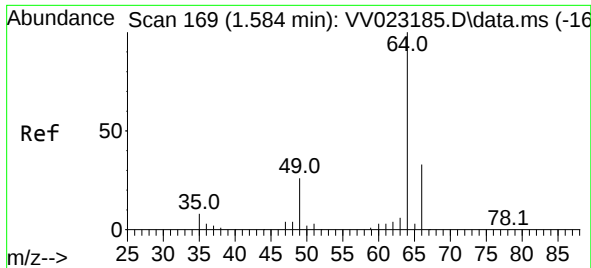
Reviewed By :Mahesh Dadoda 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/10/2021



#6
 Bromomethane
 Concen: 2.817 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023190.D
 Acq: 03 Nov 2021 16:33

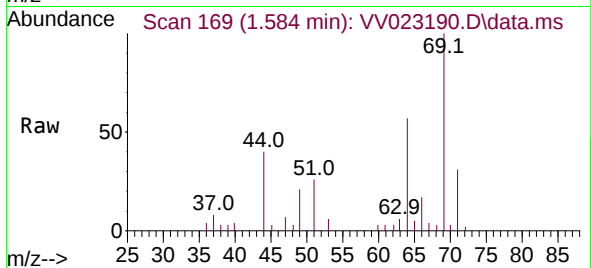
Tgt Ion: 94 Resp: 3451
 Ion Ratio Lower Upper
 94 100
 96 91.3 66.8 124.2





#8
Chloroethane
Concen: 2.475 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

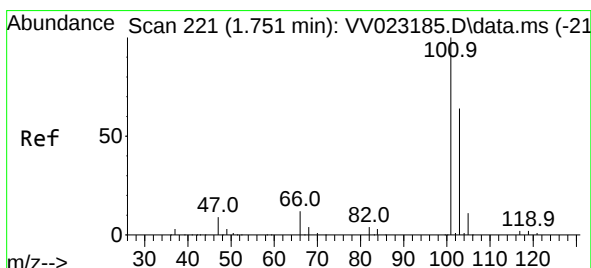
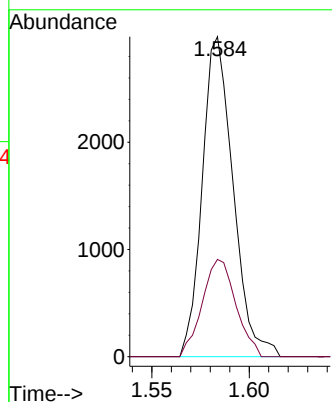
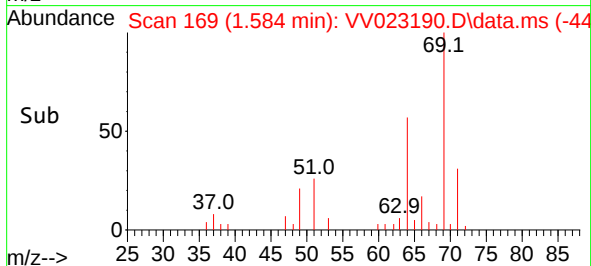
Instrument :
MSVOA_V
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Tgt Ion: 64 Resp: 3280
Ion Ratio Lower Upper
64 100
66 30.4 21.3 39.6

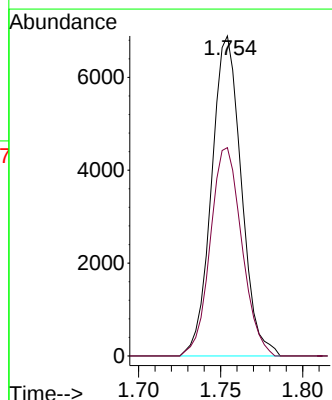
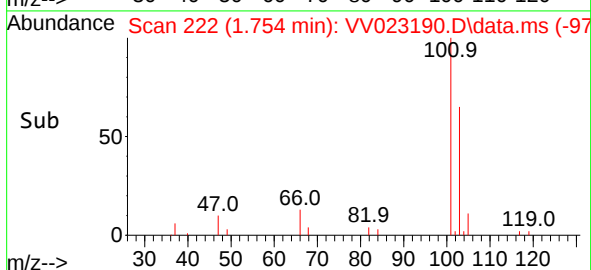
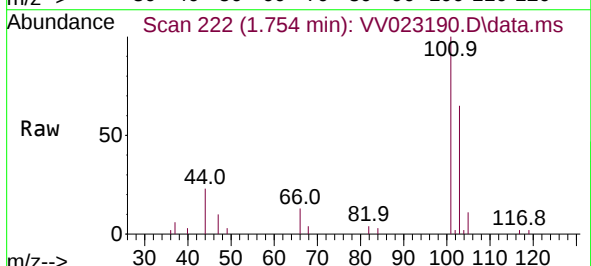
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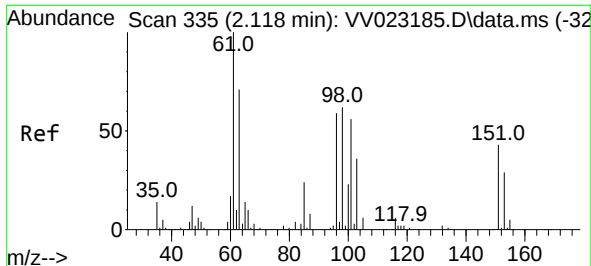
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#9
Trichlorofluoromethane
Concen: 2.625 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Tgt Ion:101 Resp: 8688
Ion Ratio Lower Upper
101 100
103 68.8 52.2 78.2





#10

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

Concen: 2.913 ug/L

RT: 2.114 min Scan# 311

Delta R.T. -0.000 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

Instrument :

MSVOA_V

ClientSampleId :

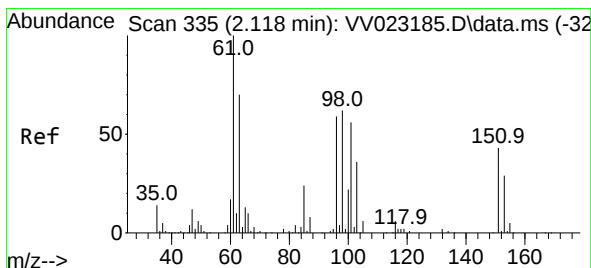
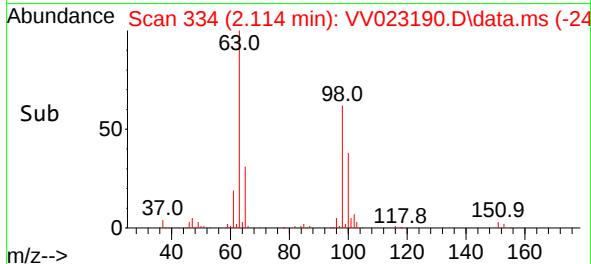
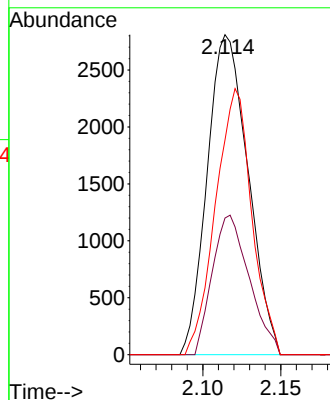
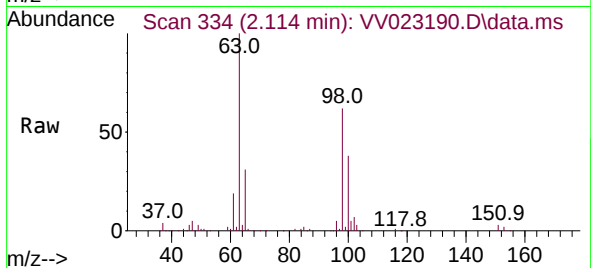
MDL06

Tgt Ion:	101	Resp:	5118
Ion Ratio	Lower	Upper	
101	100		
85	39.4	35.1	52.7
151	73.9	63.4	95.2

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#12

1,1-Dichloroethene

Concen: 3.158 ug/L

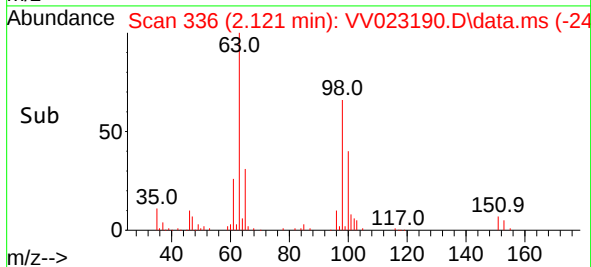
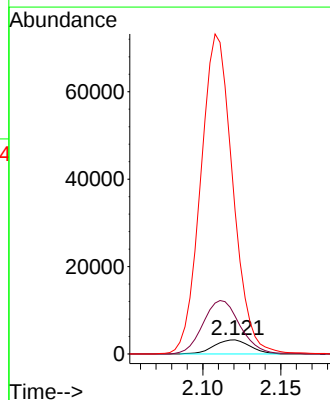
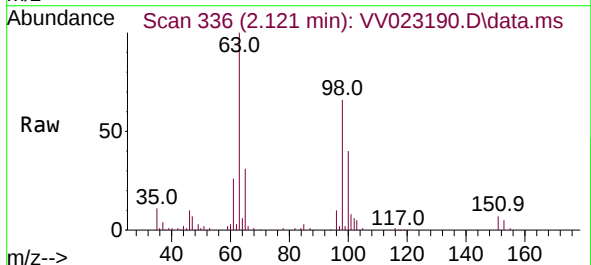
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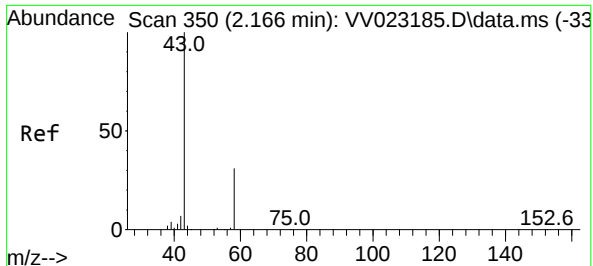
Delta R.T. 0.003 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

Tgt Ion:	96	Resp:	5149
Ion Ratio	Lower	Upper	
96	100		
61	268.3	117.7	218.7#
63	1019.7	79.2	147.2#





#13

Acetone

Concen: 5.930 ug/L

RT: 2.172 min Scan# 350

Delta R.T. 0.010 min

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MDL06

Tgt Ion: 43 Resp: 7388

Ion Ratio Lower Upper

43 100

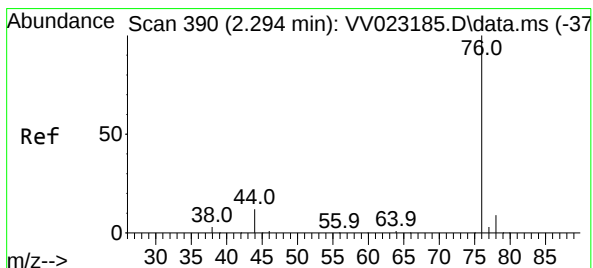
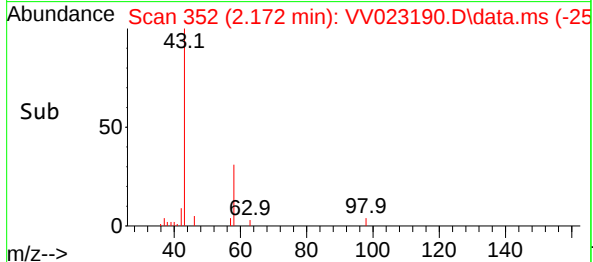
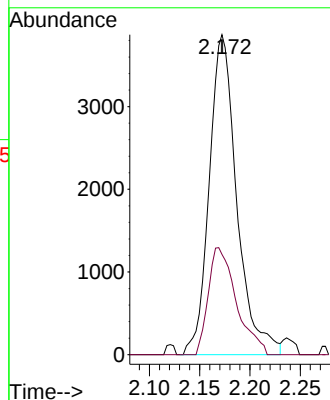
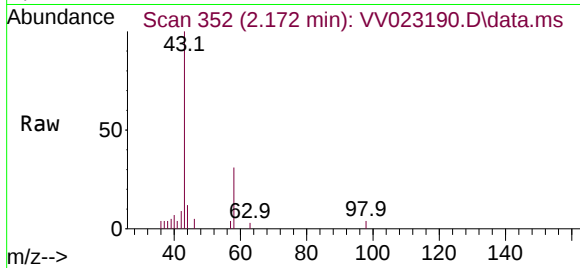
58 34.0 0.0 0.4

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#14

Carbon disulfide

Concen: 2.664 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV023190.D

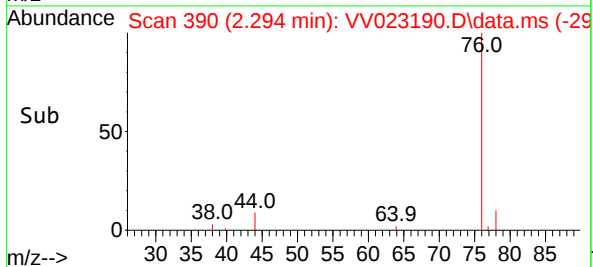
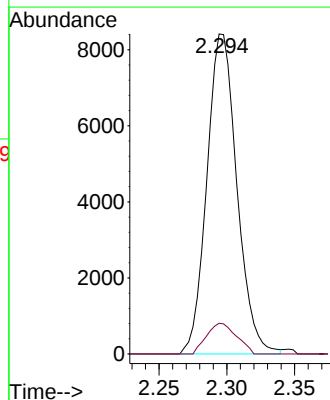
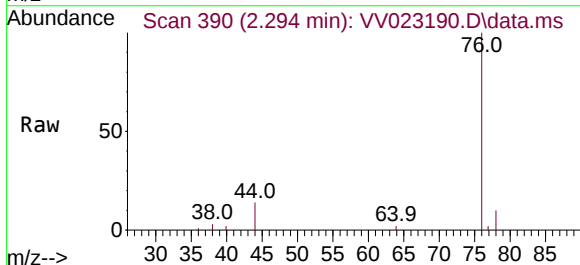
Acq: 03 Nov 2021 16:33

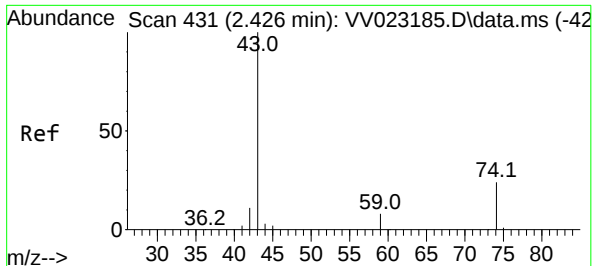
Tgt Ion: 76 Resp: 12988

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0





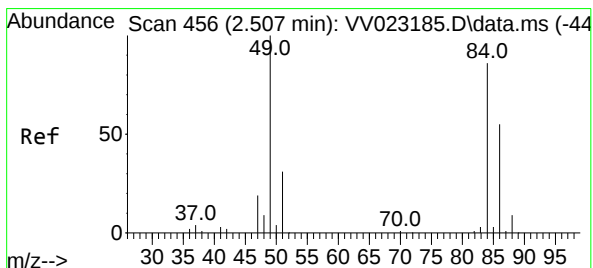
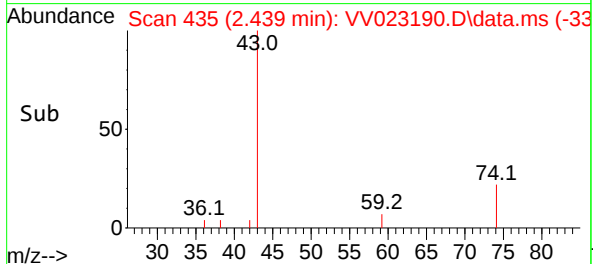
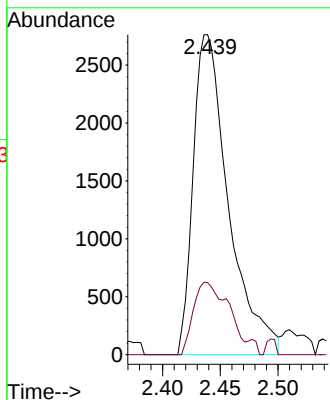
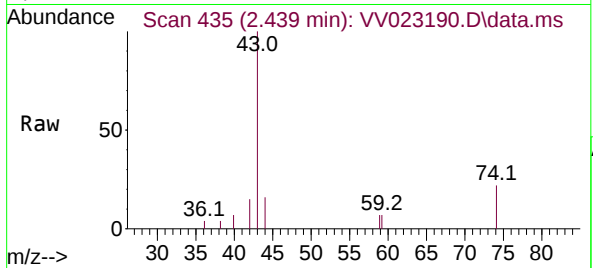
#15
Methyl Acetate
Concen: 2.840 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
74 16.7 19.4 29.2

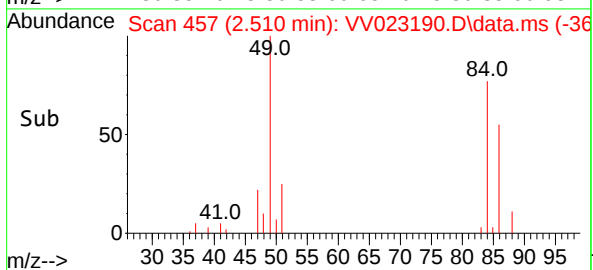
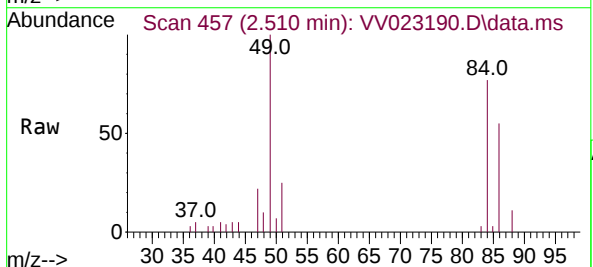
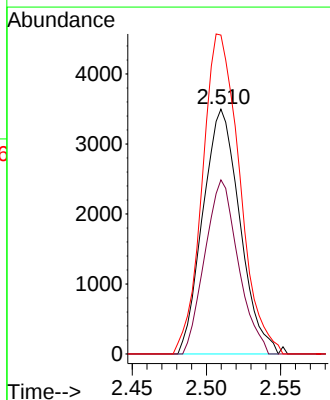
Manual Integrations
APPROVED

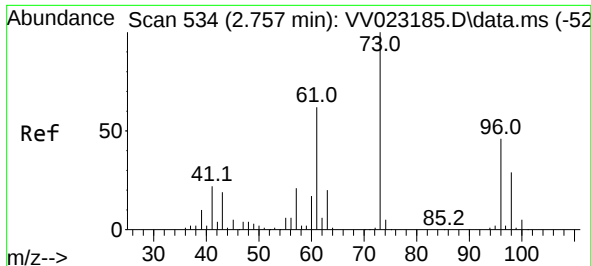
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#16
Methylene chloride
Concen: 2.897 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

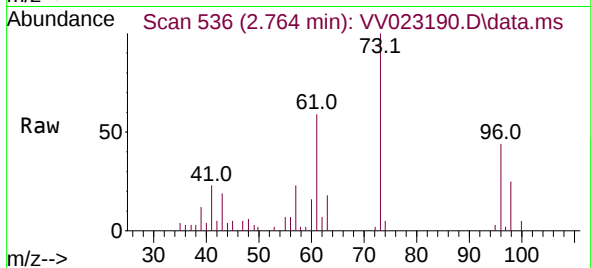
Tgt Ion: 84 Resp: 6052
Ion Ratio Lower Upper
84 100
86 71.1 45.4 84.2
49 130.3 83.0 154.1





#17
trans-1,2-Dichloroethene
Concen: 2.634 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

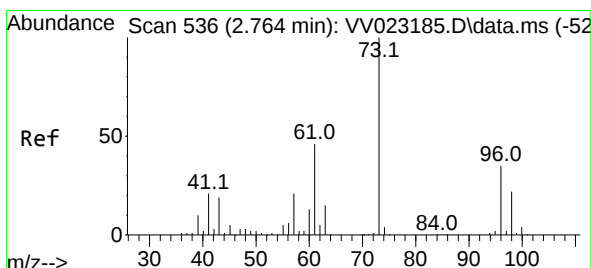
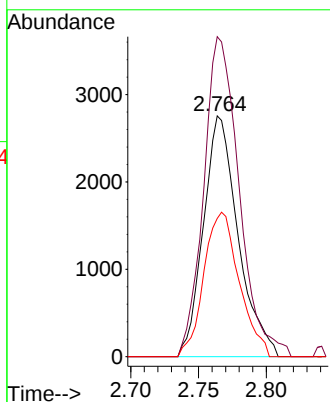
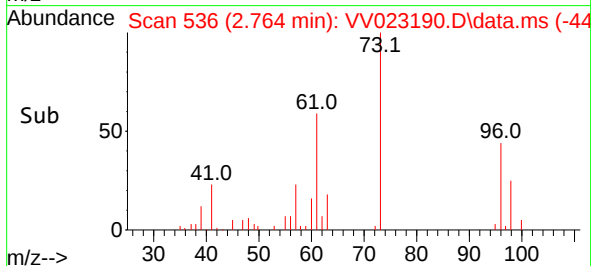
Instrument :
MSVOA_V
ClientSampleId :
MDL06



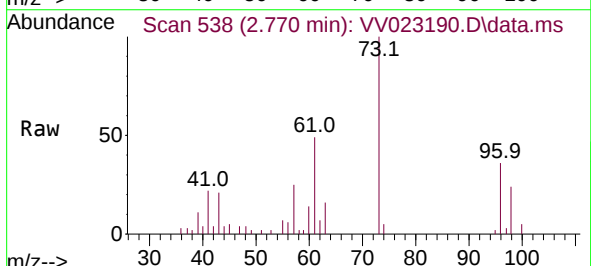
Tgt Ion: 96 Resp: 4902
Ion Ratio Lower Upper
96 100
61 132.9 92.2 171.2
98 57.4 44.1 81.9

Manual Integrations
APPROVED

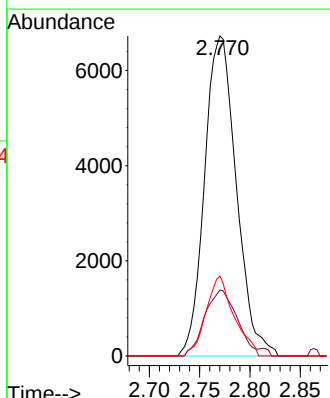
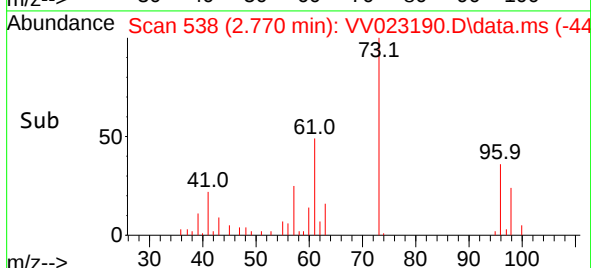
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021

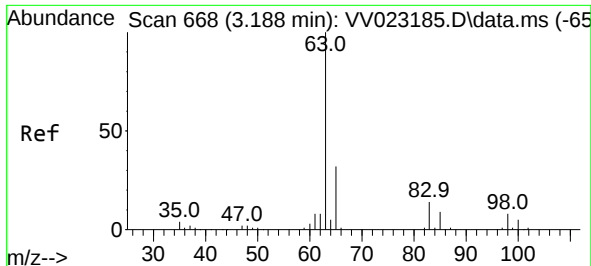


#18
Methyl tert-butyl Ether
Concen: 2.645 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33



Tgt Ion: 73 Resp: 14783
Ion Ratio Lower Upper
73 100
43 21.0 14.9 22.3
57 21.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 2.684 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

Instrument :

MSVOA_V

ClientSampleId :

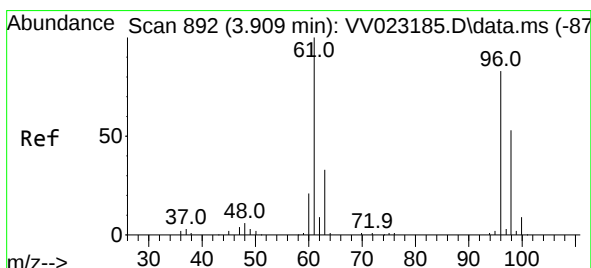
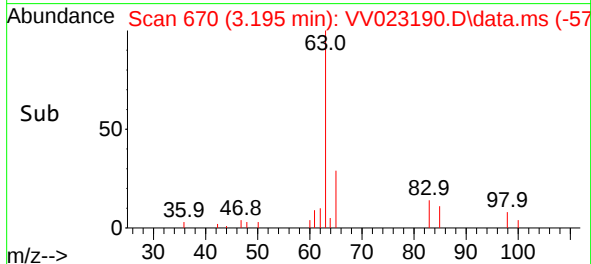
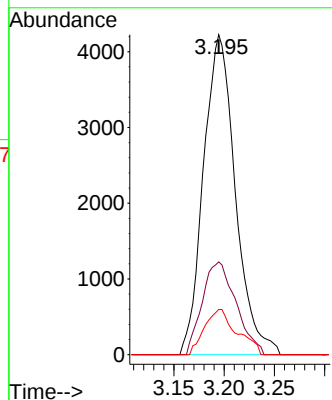
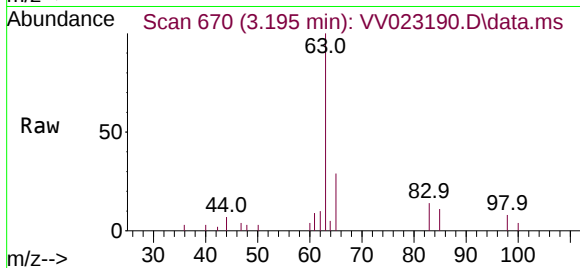
MDL06

Tgt Ion: 63 Resp: 9300
 Ion Ratio Lower Upper
 63 100
 65 29.0 22.3 41.5
 83 14.2 9.8 18.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/10/2021



#20

cis-1,2-Dichloroethene

Concen: 2.829 ug/L

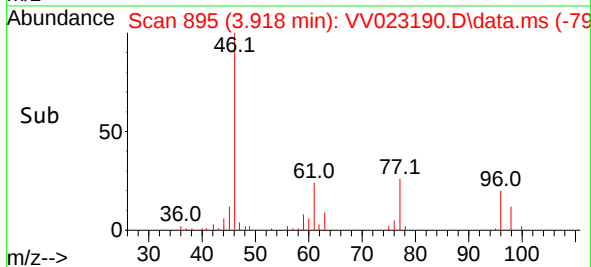
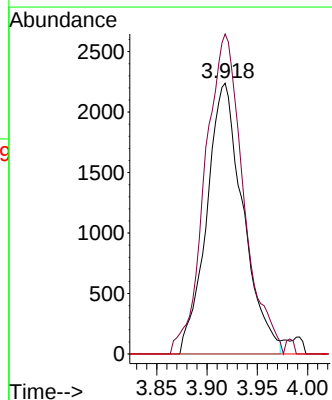
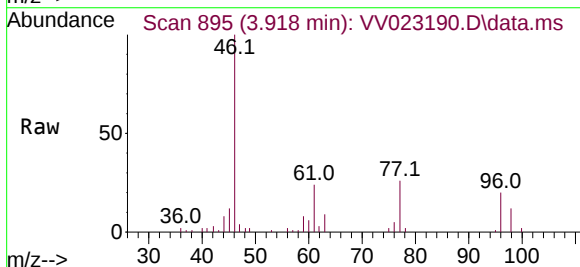
RT: 3.918 min Scan# 895

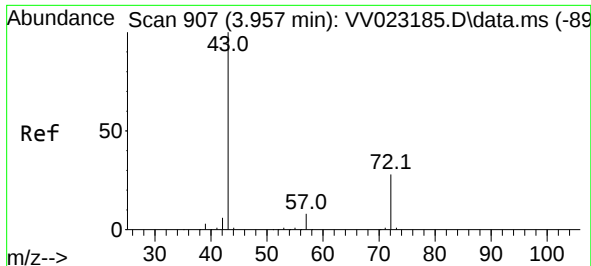
Delta R.T. 0.010 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

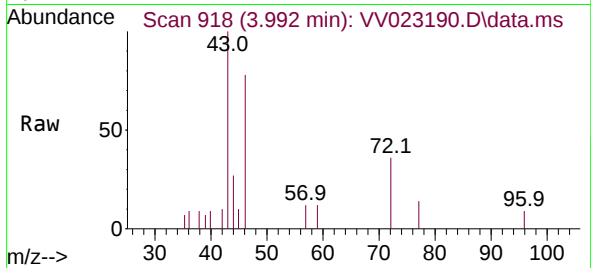
Tgt Ion: 96 Resp: 5628
 Ion Ratio Lower Upper
 96 100
 61 118.2 83.0 154.1
 68 0.0 0.0 0.0





#22
2-Butanone
Concen: 6.955 ug/L m
RT: 3.992 min Scan# 918
Delta R.T. 0.038 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

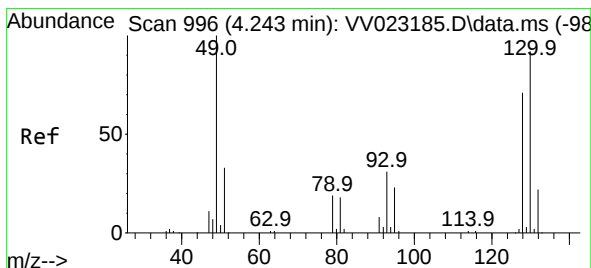
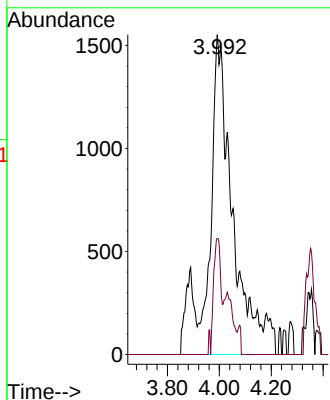
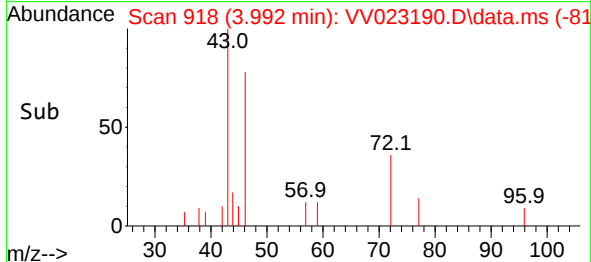
Instrument :
MSVOA_V
ClientSampleId :
MDL06



Tgt Ion: 43 Resp: 987
Ion Ratio Lower Upper
43 100
72 0.5 13.4 40.1

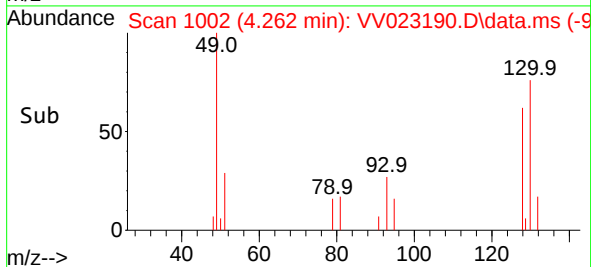
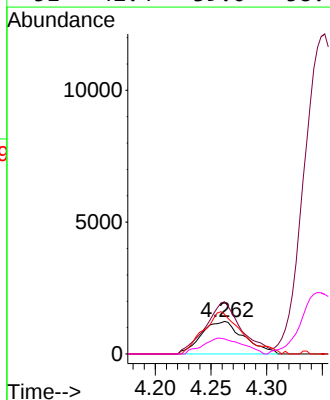
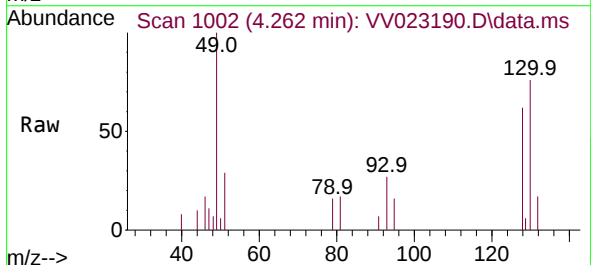
Manual Integrations
APPROVED

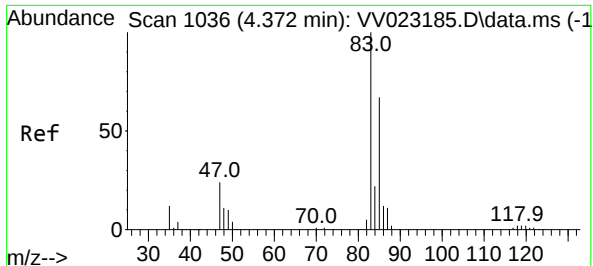
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#23
Bromochloromethane
Concen: 2.913 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. 0.019 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Tgt Ion:128 Resp: 3265
Ion Ratio Lower Upper
128 100
49 147.4 104.7 194.4
130 112.6 89.7 166.7
51 42.4 39.0 58.4





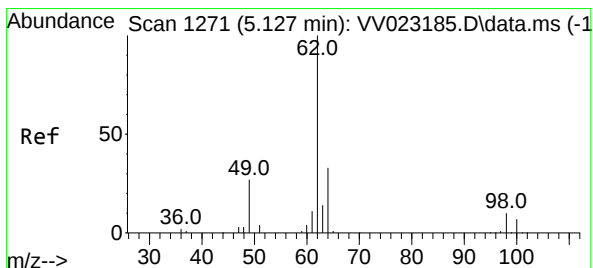
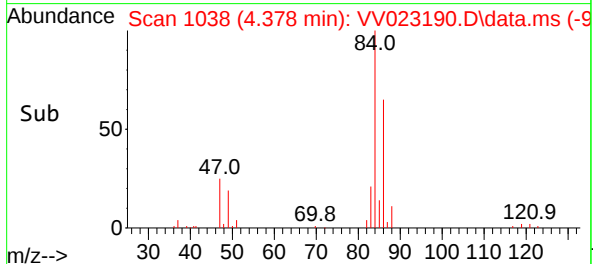
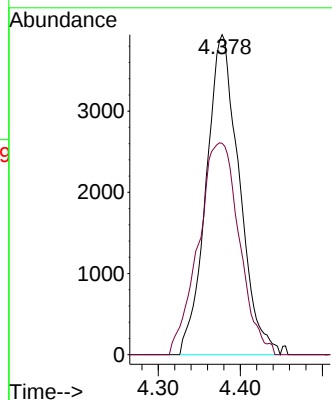
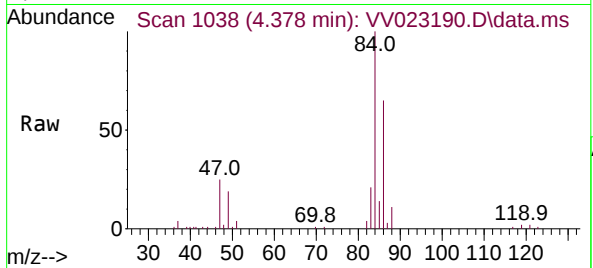
#25
Chloroform
Concen: 3.098 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion: 83 Resp: 1104
Ion Ratio Lower Upper
83 100
85 66.0 44.4 82.4

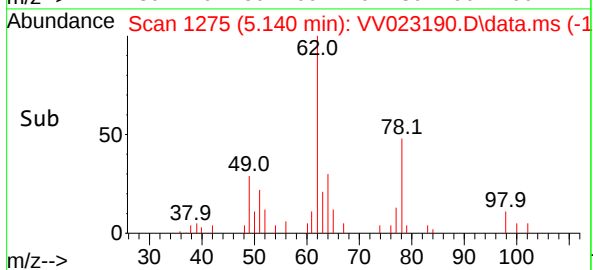
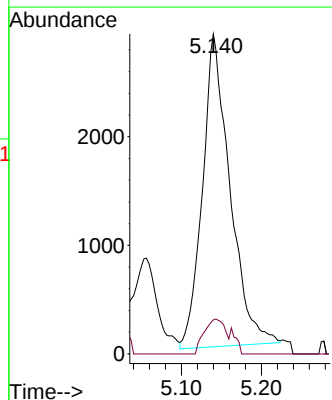
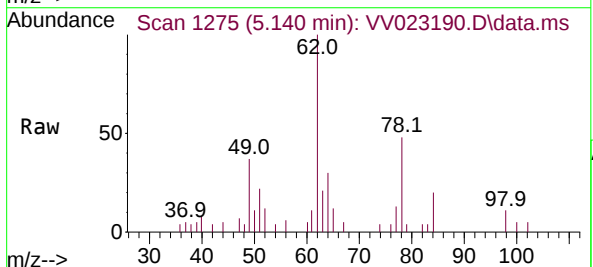
Manual Integrations
APPROVED

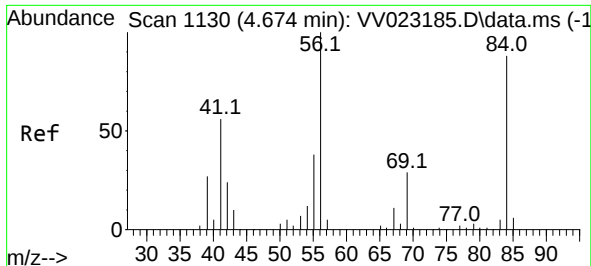
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#27
1,2-Dichloroethane
Concen: 2.568 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.016 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Tgt Ion: 62 Resp: 6874
Ion Ratio Lower Upper
62 100
98 10.7 8.2 12.4





#29

Cyclohexane

Concen: 2.303 ug/L

RT: 4.683 min Scan# 1112

Delta R.T. 0.010 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

Instrument :

MSVOA_V

ClientSampleId :

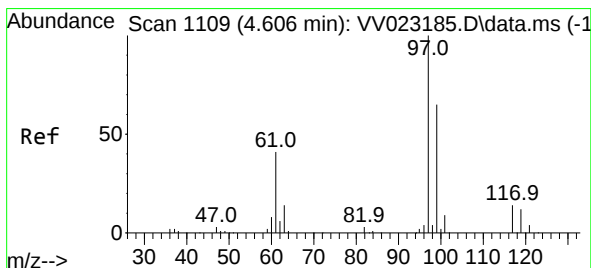
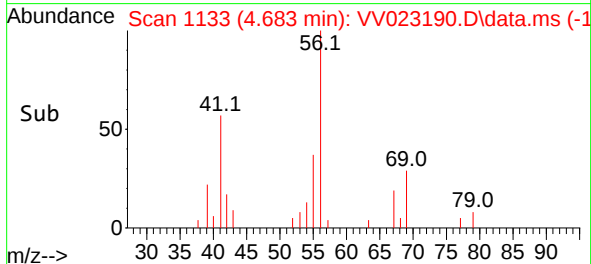
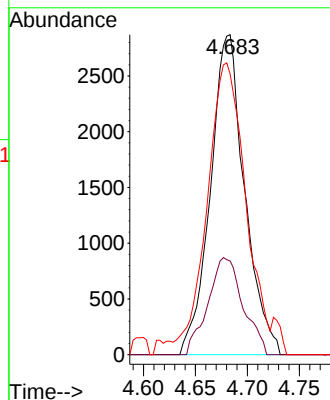
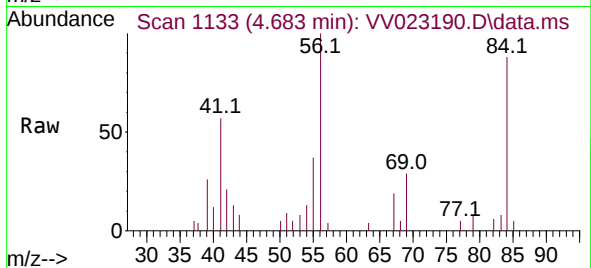
MDL06

Tgt Ion: 56	Resp: 658
Ion Ratio	Lower Upper
56 100	
69 31.1	24.6 36.8
84 101.9	72.8 109.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#30

1,1,1-Trichloroethane

Concen: 2.784 ug/L

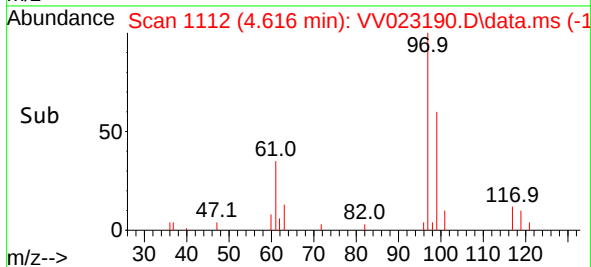
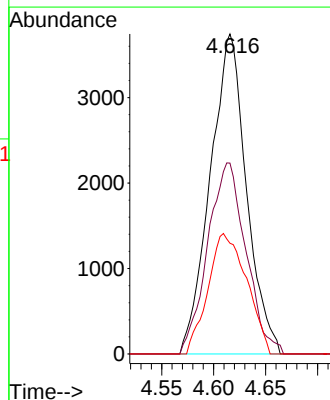
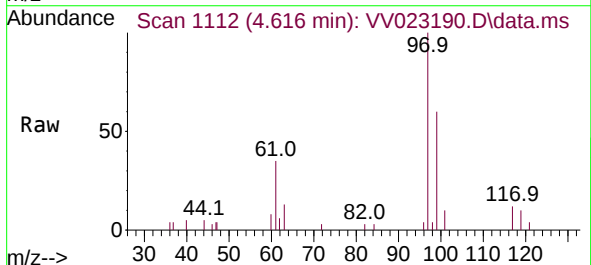
RT: 4.616 min Scan# 1112

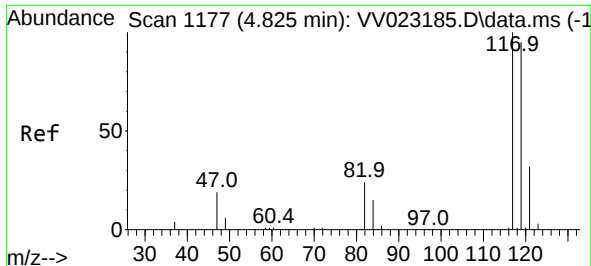
Delta R.T. 0.013 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

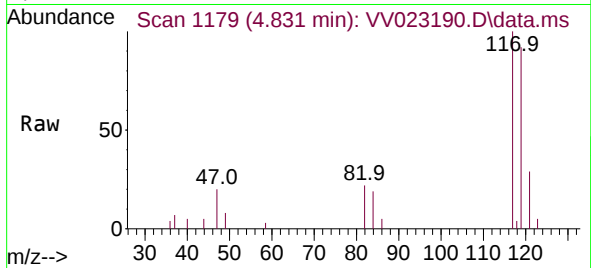
Tgt Ion: 97	Resp: 9082
Ion Ratio	Lower Upper
97 100	
99 63.0	51.9 77.9
61 40.1	33.8 50.6





#31
Carbon tetrachloride
Concen: 2.640 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

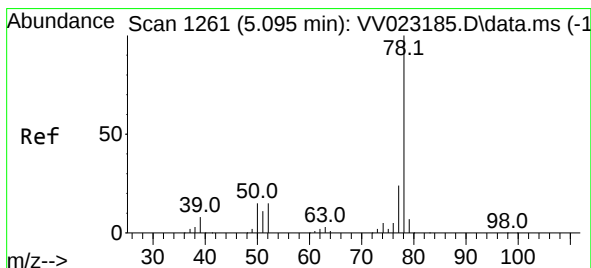
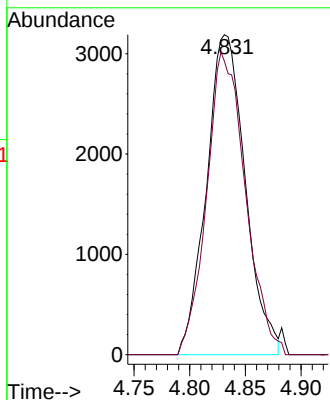
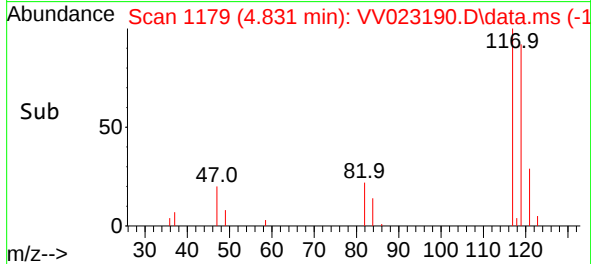
Instrument :
MSVOA_V
ClientSampleId :
MDL06



Tgt Ion:117 Resp: 774
Ion Ratio Lower Upper
117 100
119 94.1 77.0 115.4

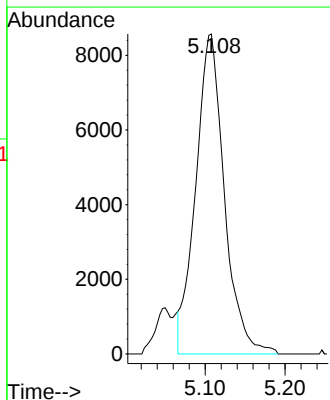
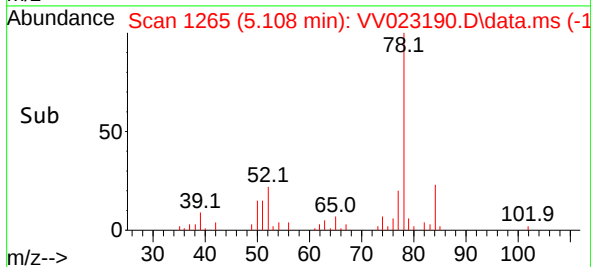
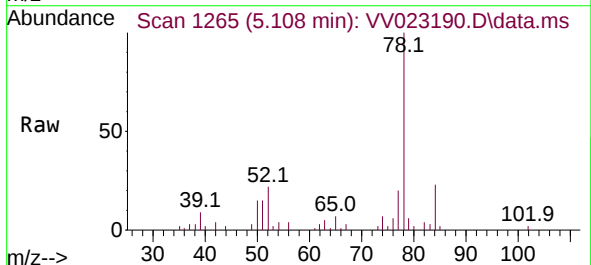
Manual Integrations
APPROVED

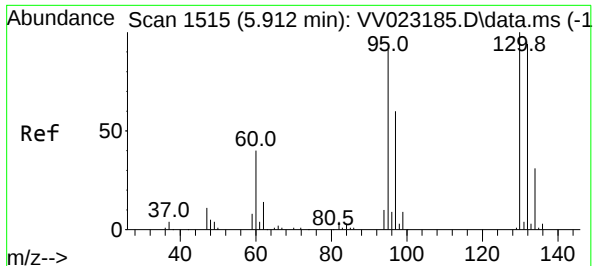
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#33
Benzene
Concen: 2.802 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Tgt Ion: 78 Resp: 21370





#34

Trichloroethene

Concen: 2.600 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.016 min

Lab File: VV023190.D

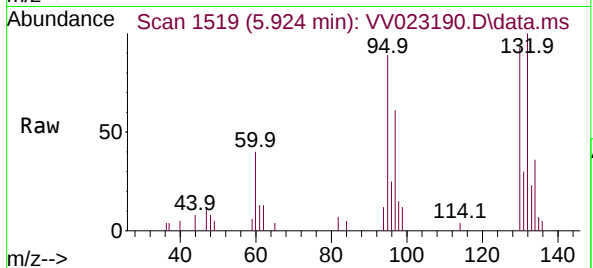
Acq: 03 Nov 2021 16:33

Instrument :

MSVOA_V

ClientSampleId :

MDL06



Tgt Ion: 95 Resp: 518

Ion Ratio Lower Upper

95 100

97 68.6 44.4 82.5

132 113.0 71.5 132.9

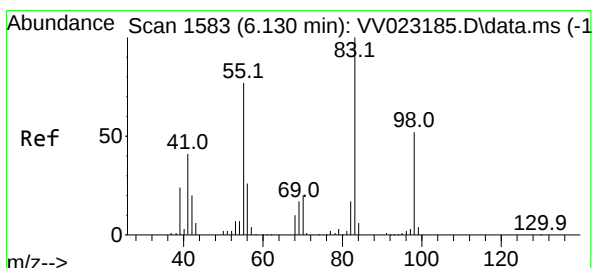
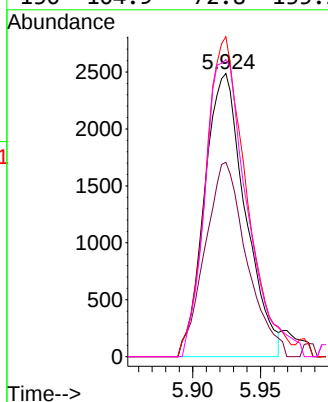
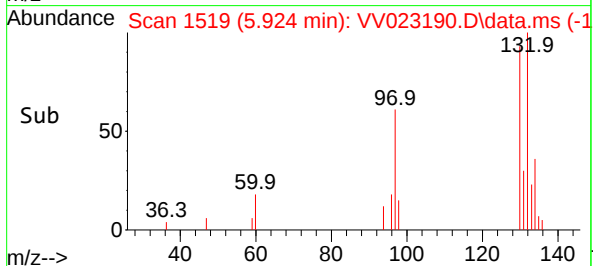
130 104.9 72.8 135.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/10/2021

Supervised By :Semsettin Yesilyurt 11/10/2021



#35

Methylcyclohexane

Concen: 2.416 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

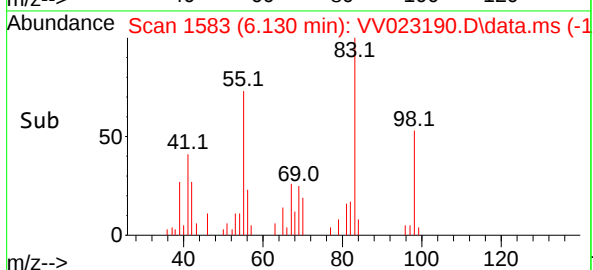
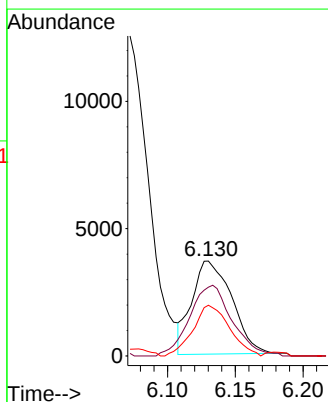
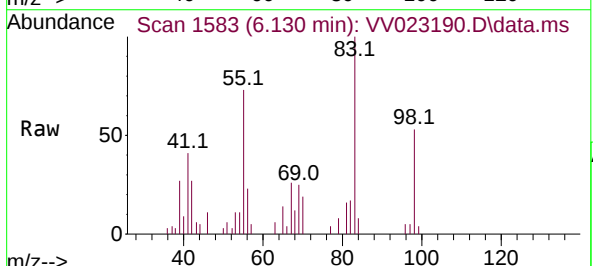
Tgt Ion: 83 Resp: 7504

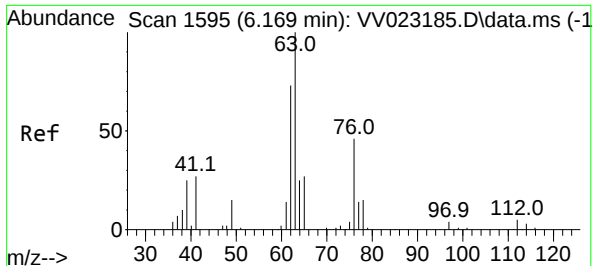
Ion Ratio Lower Upper

83 100

55 80.1 60.1 90.1

98 49.8 41.2 61.8





#37

1,2-Dichloropropane

Concen: 2.225 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 63 Resp: 446

Ion Ratio Lower Upper

63 100

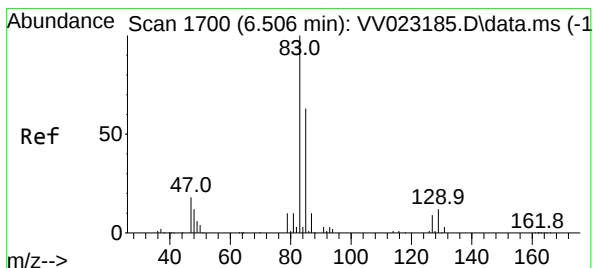
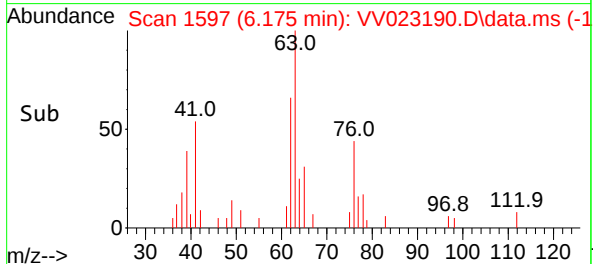
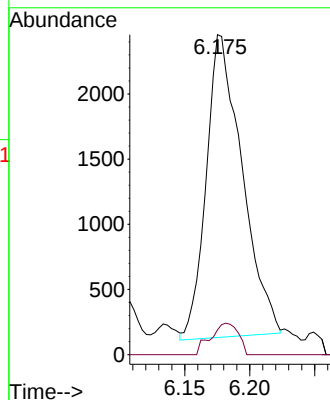
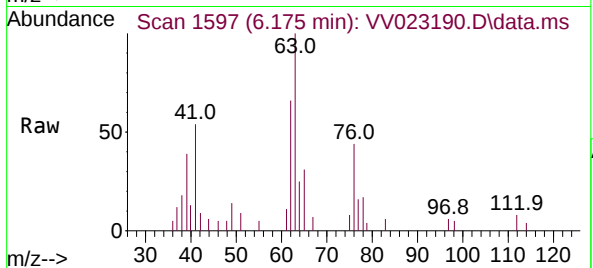
112 6.5 3.8 5.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/10/2021

Supervised By :Semsettin Yesilyurt 11/10/2021



#38

Bromodichloromethane

Concen: 2.510 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.010 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

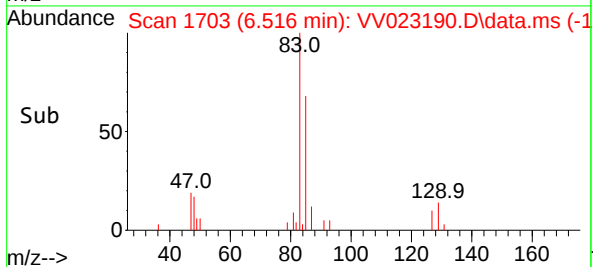
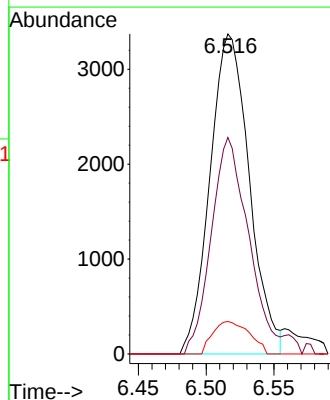
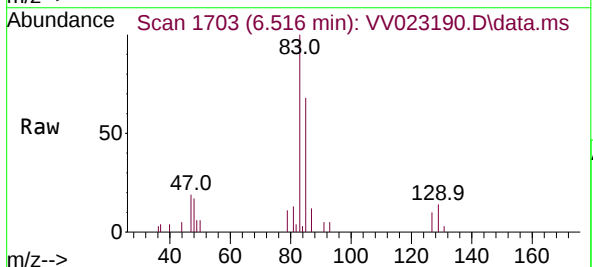
Tgt Ion: 83 Resp: 6809

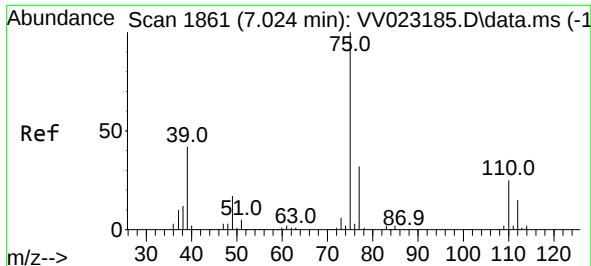
Ion Ratio Lower Upper

83 100

85 67.6 46.1 85.5

127 10.2 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 2.172 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 75 Resp: 660

Ion Ratio Lower Upper

75 100

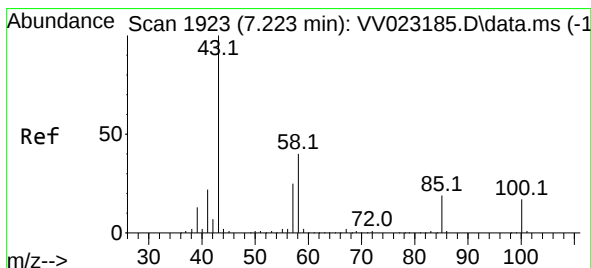
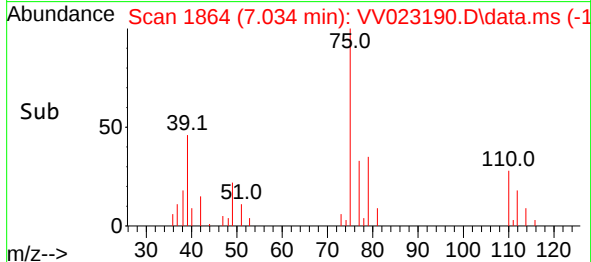
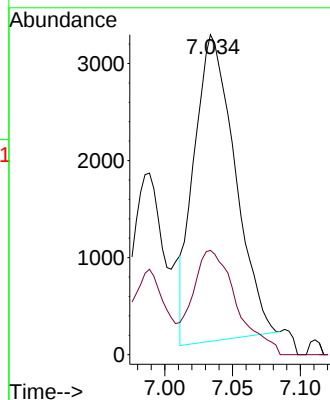
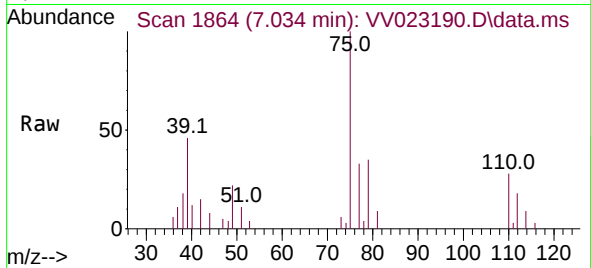
77 32.6 21.8 40.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/10/2021

Supervised By :Semsettin Yesilyurt 11/10/2021



#40

4-Methyl-2-pentanone

Concen: 4.793 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.010 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

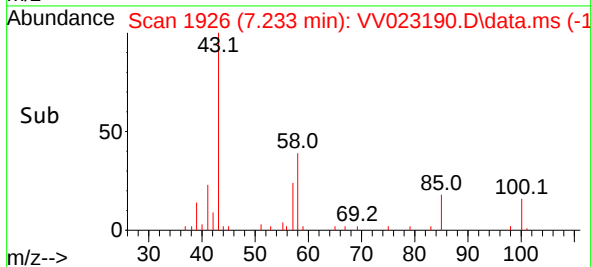
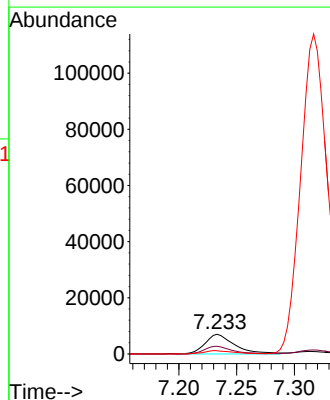
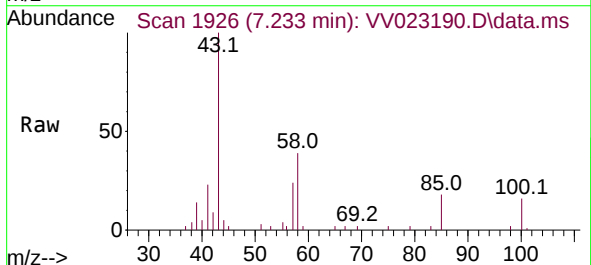
Tgt Ion: 43 Resp: 12391

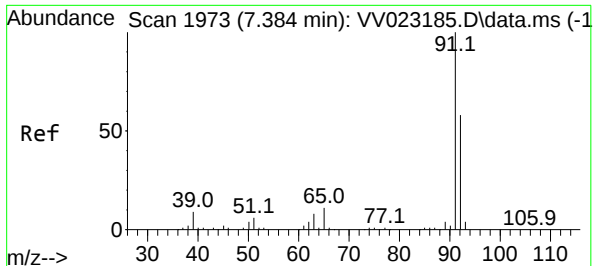
Ion Ratio Lower Upper

43 100

58 36.9 32.4 48.6

100 16.8 13.4 20.2





#42

Toluene

Concen: 3.192 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 91 Resp: 2606

Ion Ratio Lower Upper

91 100

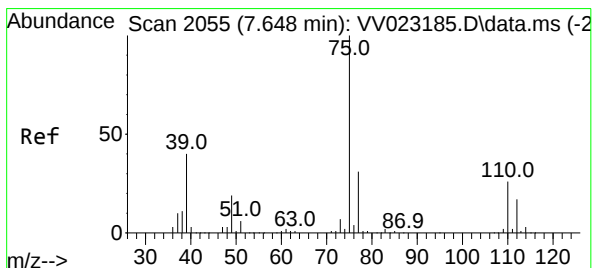
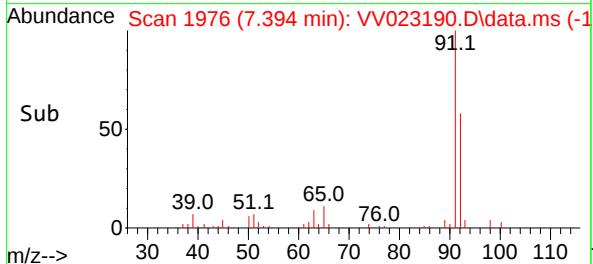
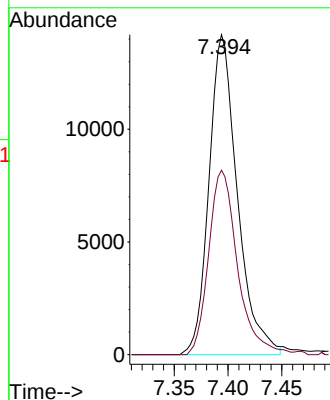
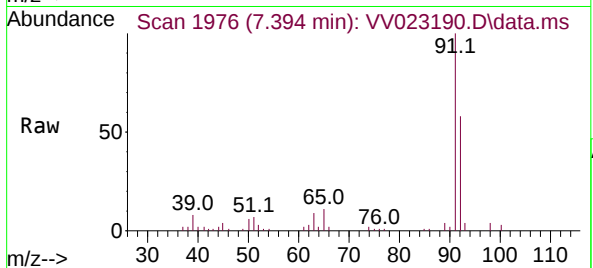
92 57.6 40.6 75.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/10/2021

Supervised By :Semsettin Yesilyurt 11/10/2021



#44

trans-1,3-Dichloropropene

Concen: 3.411 ug/L m

RT: 7.657 min Scan# 2058

Delta R.T. 0.010 min

Lab File: VV023190.D

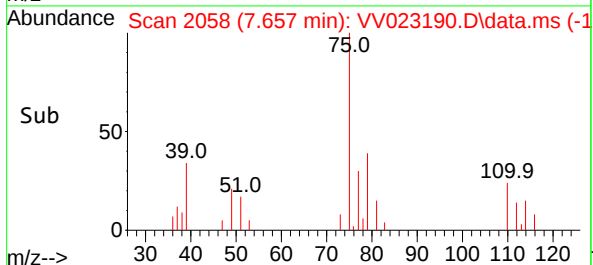
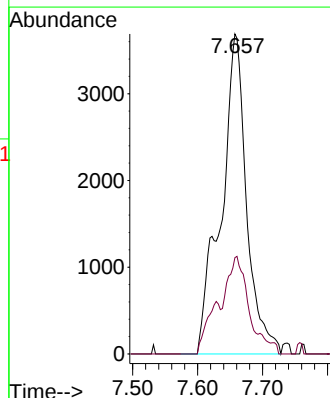
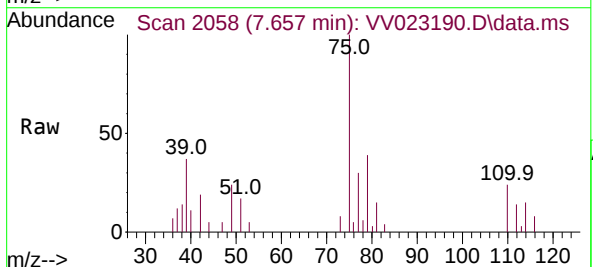
Acq: 03 Nov 2021 16:33

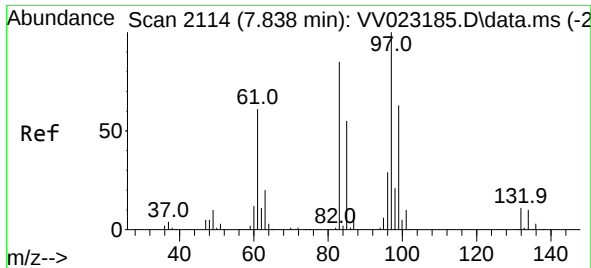
Tgt Ion: 75 Resp: 10054

Ion Ratio Lower Upper

75 100

77 30.1 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 2.579 ug/L

RT: 7.847 min Scan# 2117

Delta R.T. 0.010 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

Instrument :

MSVOA_V

ClientSampleId :

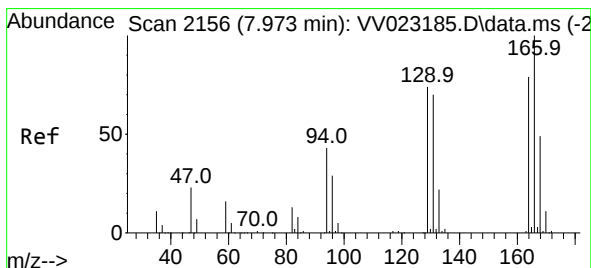
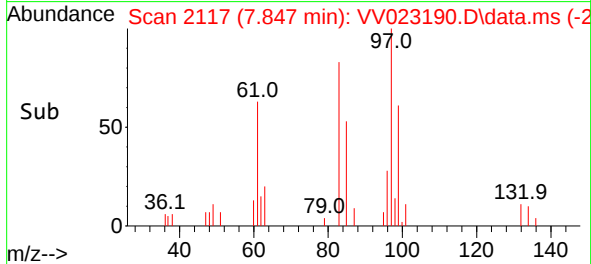
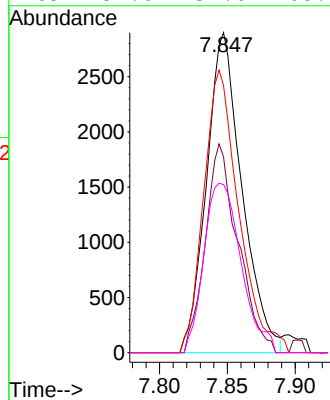
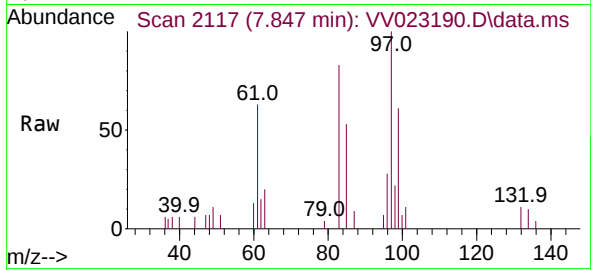
MDL06

Tgt Ion: 97	Resp: 5279
Ion Ratio	Lower Upper
97 100	
99 61.2	44.2 82.2
83 83.4	57.7 107.1
85 52.6	37.0 68.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#46

Tetrachloroethene

Concen: 2.653 ug/L

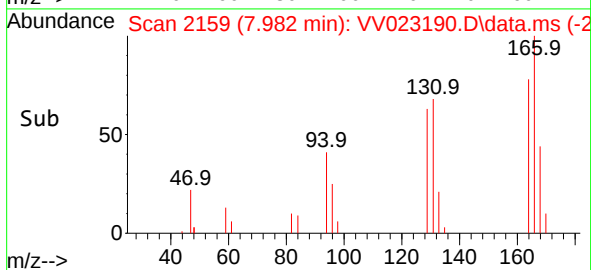
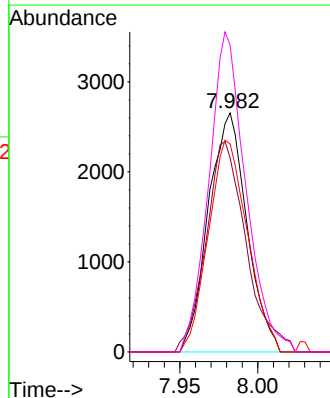
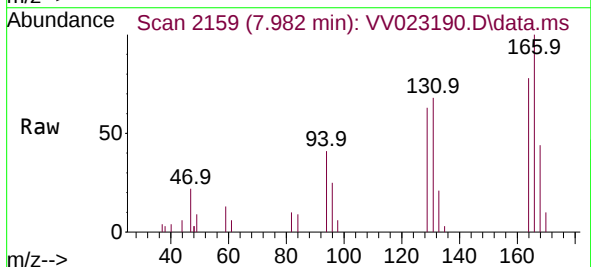
RT: 7.982 min Scan# 2159

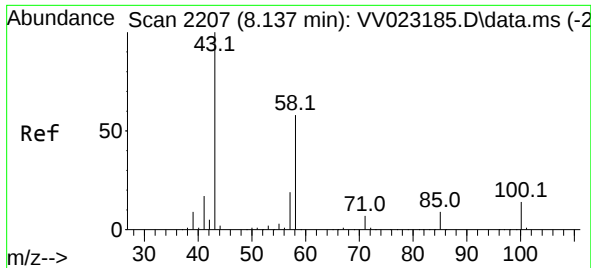
Delta R.T. 0.010 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

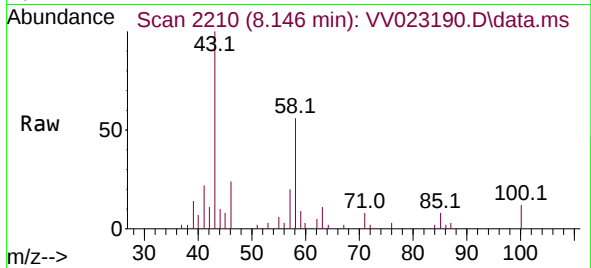
Tgt Ion:164	Resp: 4559
Ion Ratio	Lower Upper
164 100	
129 81.2	64.6 120.0
131 87.0	62.9 116.7
166 128.4	88.4 164.2





#48
2-Hexanone
Concen: 5.569 ug/L
RT: 8.146 min Scan# 2143
Delta R.T. 0.010 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

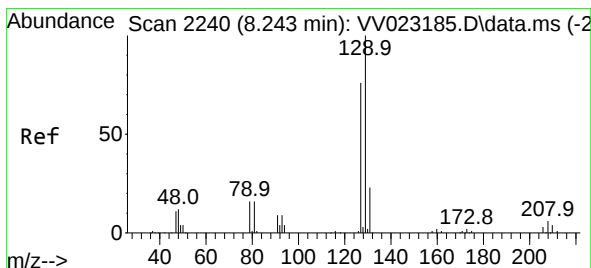
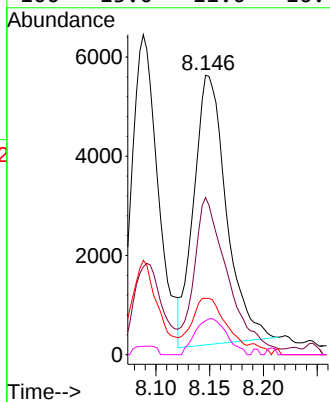
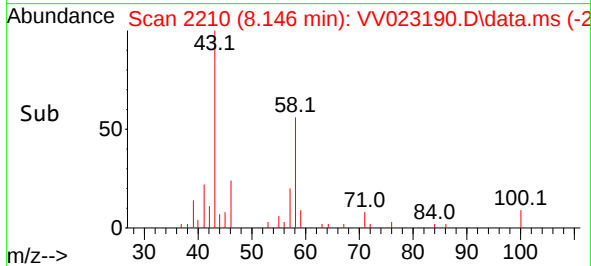
Instrument :
MSVOA_V
ClientSampleId :
MDL06



Tgt Ion: 43 Resp: 1143
Ion Ratio Lower Upper
43 100
58 61.5 45.6 68.4
57 22.7 15.4 23.0
100 13.0 11.0 16.4

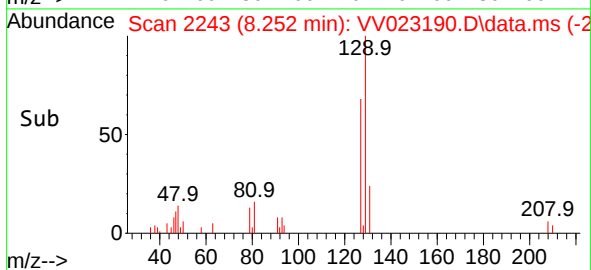
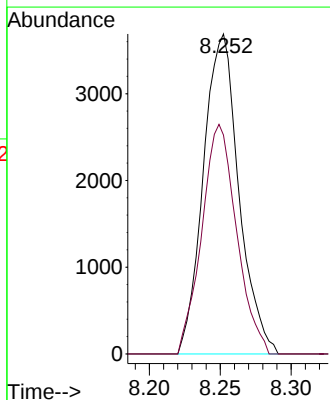
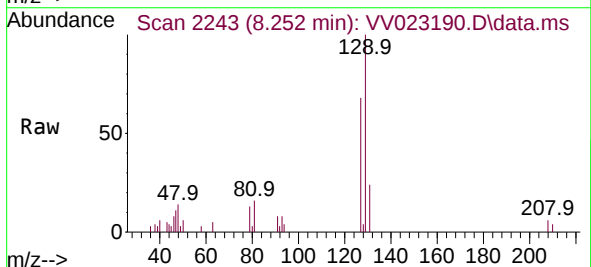
Manual Integrations
APPROVED

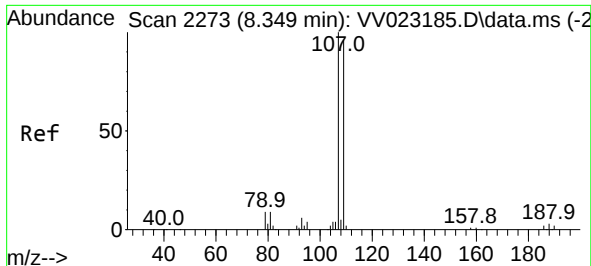
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#49
Dibromochloromethane
Concen: 2.748 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.010 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

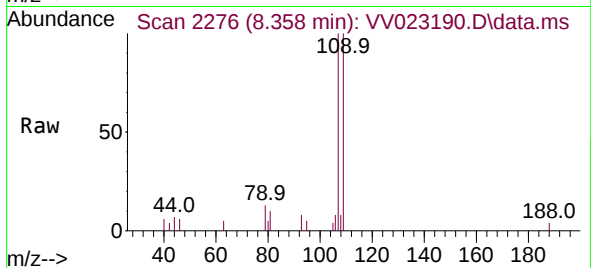
Tgt Ion:129 Resp: 6427
Ion Ratio Lower Upper
129 100
127 68.4 53.9 100.1





#50
1,2-Dibromoethane
Concen: 2.546 ug/L
RT: 8.358 min Scan# 2441
Delta R.T. 0.010 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

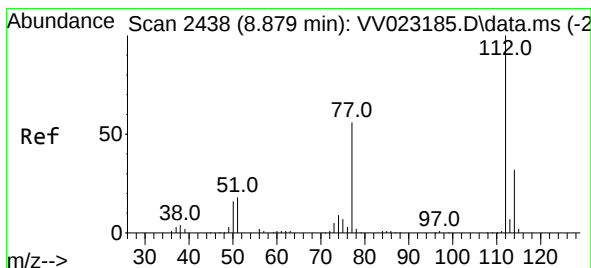
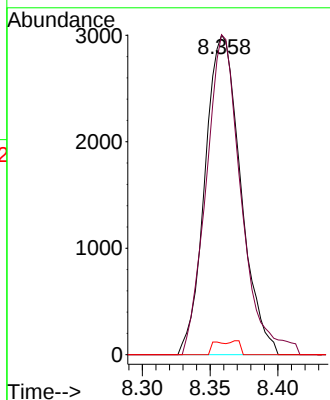
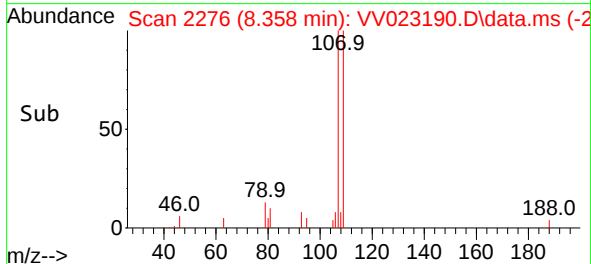
Instrument :
MSVOA_V
ClientSampleId :
MDL06



Tgt Ion:107 Resp: 548
Ion Ratio Lower Upper
107 100
109 100.1 67.3 124.9
188 3.6 3.3 4.9

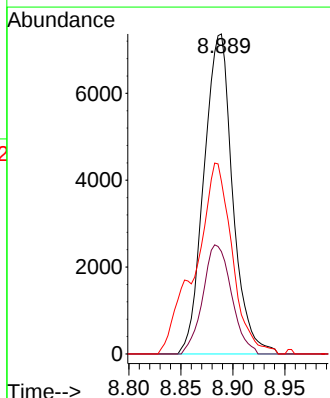
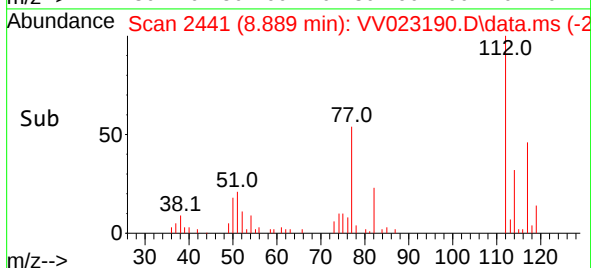
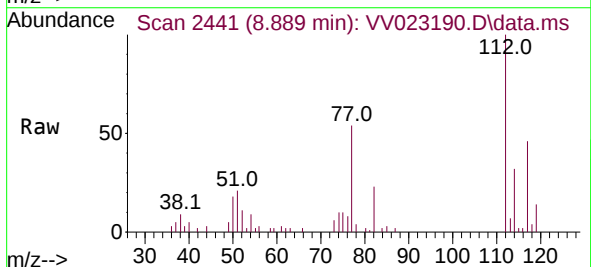
Manual Integrations
APPROVED

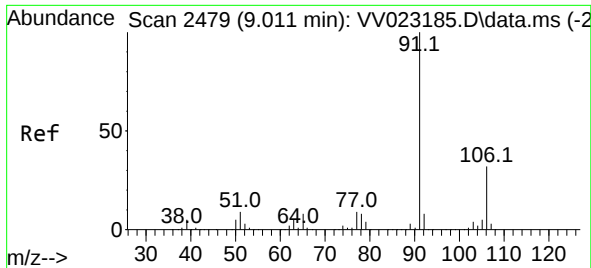
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#51
Chlorobenzene
Concen: 2.564 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.010 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Tgt Ion:112 Resp: 14137
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 54.0 44.6 67.0





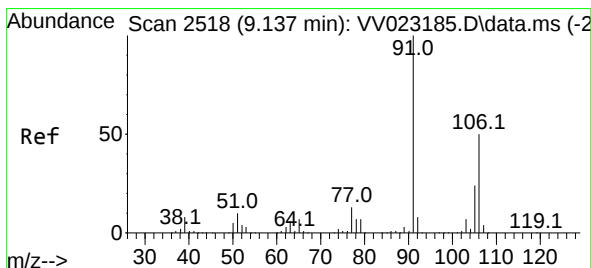
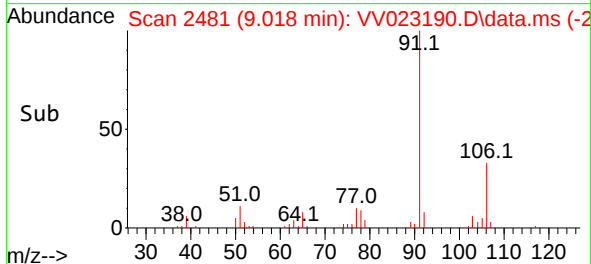
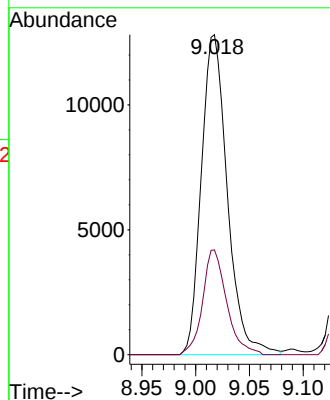
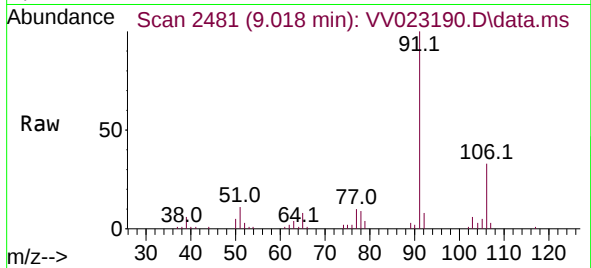
#52
Ethylbenzene
Concen: 2.481 ug/L
RT: 9.018 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion: 91 Resp: 21549
Ion Ratio Lower Upper
91 100
106 32.8 21.8 40.4

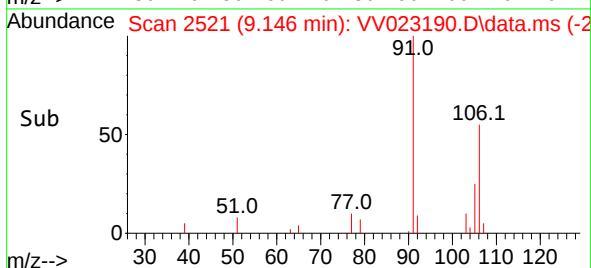
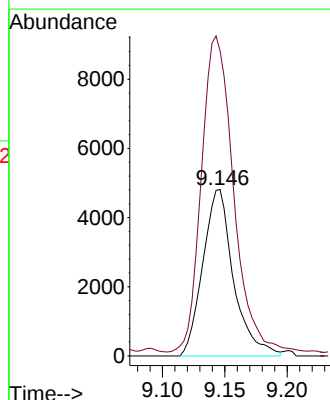
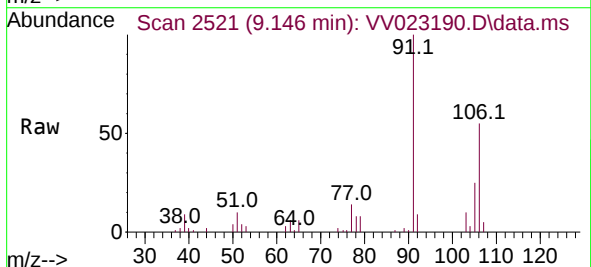
Manual Integrations
APPROVED

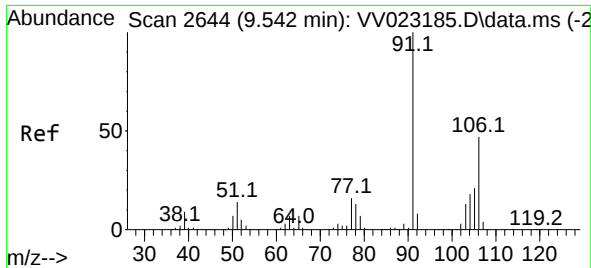
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#53
m,p-Xylene
Concen: 2.463 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Tgt Ion:106 Resp: 8246
Ion Ratio Lower Upper
106 100
91 183.4 137.3 254.9





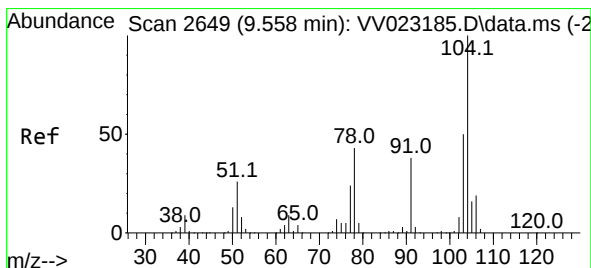
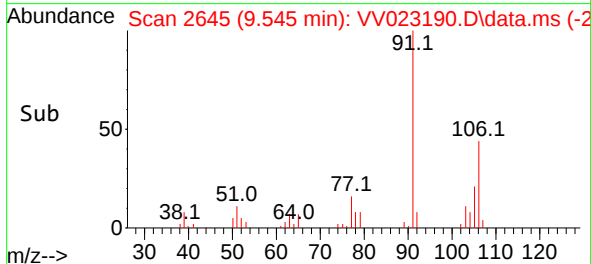
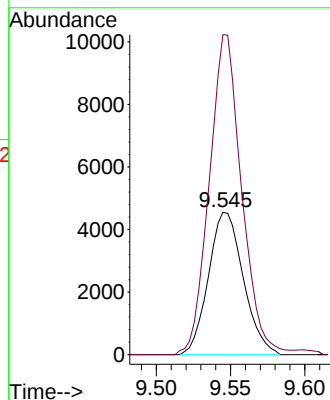
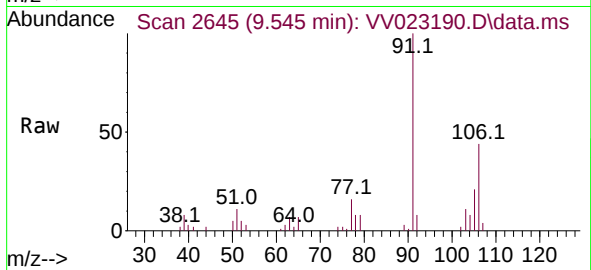
#54
o-Xylene
Concen: 2.283 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion:106 Resp: 7439
Ion Ratio Lower Upper
106 100
91 224.8 145.0 269.4

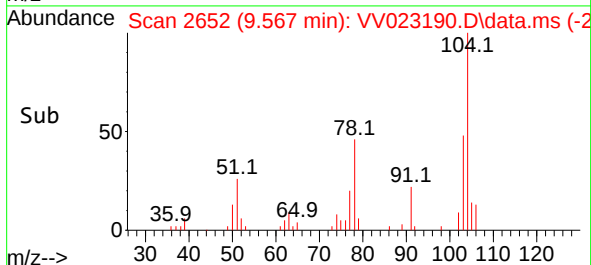
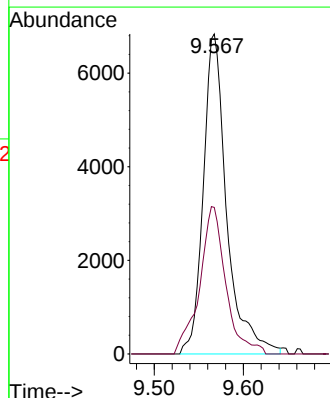
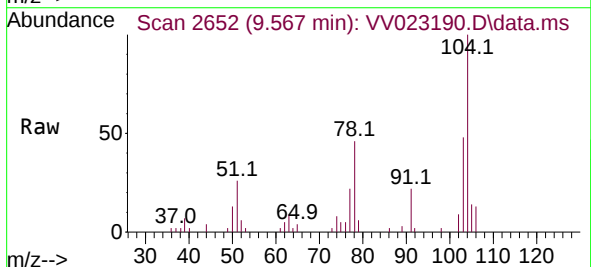
Manual Integrations
APPROVED

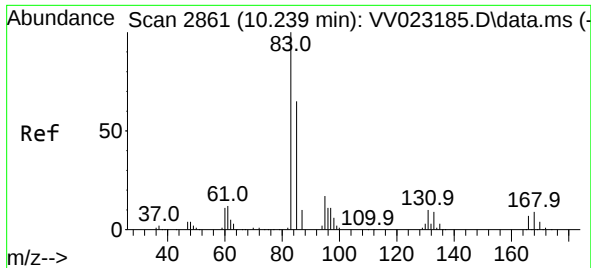
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#55
Styrene
Concen: 2.205 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Tgt Ion:104 Resp: 12492
Ion Ratio Lower Upper
104 100
78 45.8 29.8 55.4





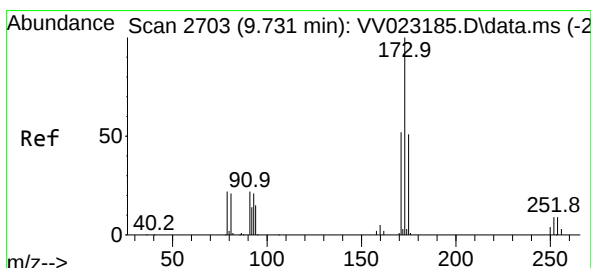
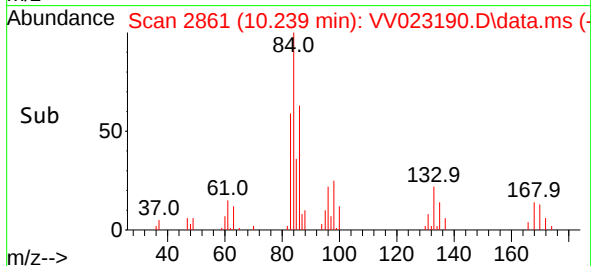
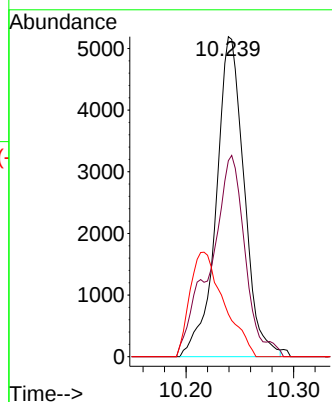
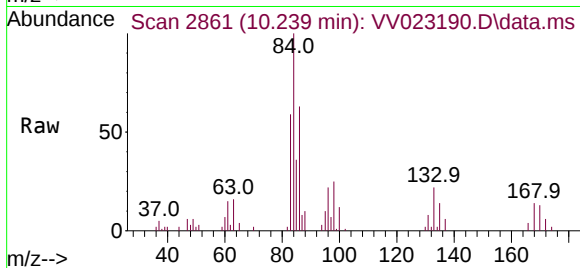
#57
1,1,2,2-Tetrachloroethane
Concen: 2.871 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Instrument : MSVOA_V
Client SampleId : MDL06

Tgt Ion: 83 Resp: 937
Ion Ratio Lower Upper
83 100
85 61.3 44.7 83.1
131 13.3 7.8 11.8

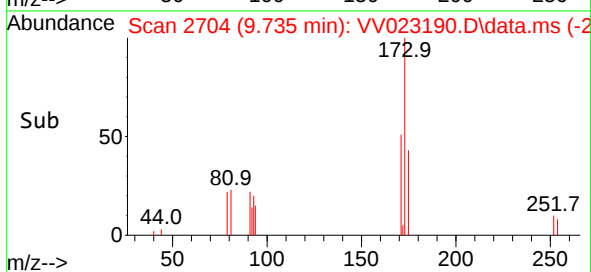
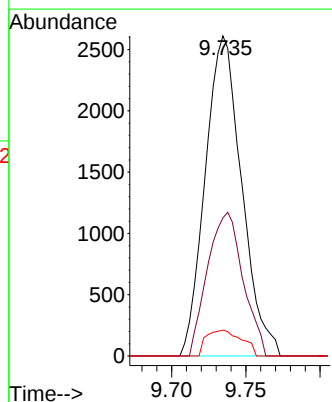
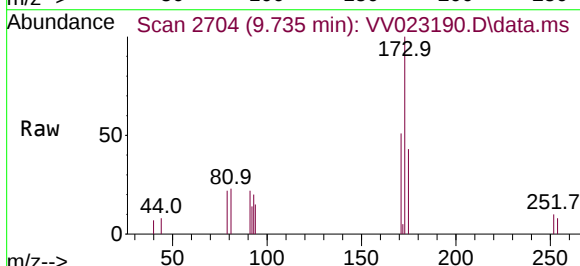
Manual Integrations
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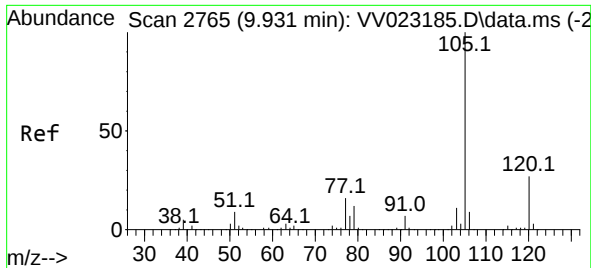
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#59
Bromoform
Concen: 2.774 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Tgt Ion:173 Resp: 4456
Ion Ratio Lower Upper
173 100
175 43.7 39.3 58.9
254 7.8 7.2 10.8





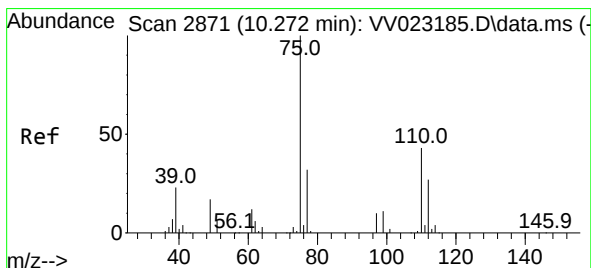
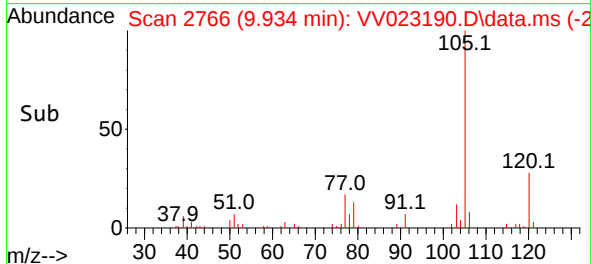
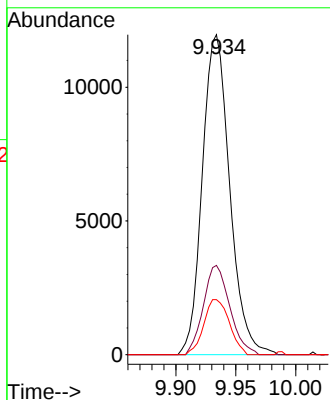
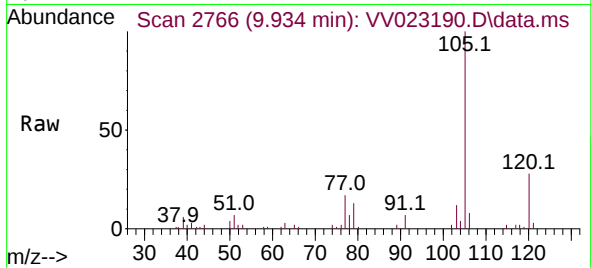
#60
Isopropylbenzene
Concen: 2.348 ug/L
RT: 9.934 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion:105 Resp: 1905
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.6
77 16.0 12.2 18.2

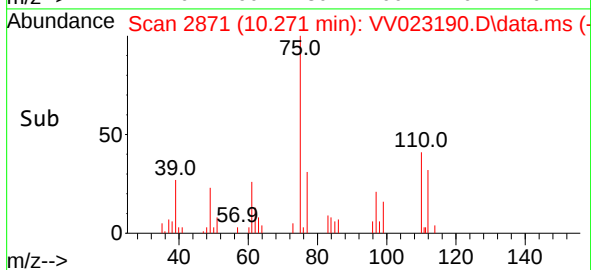
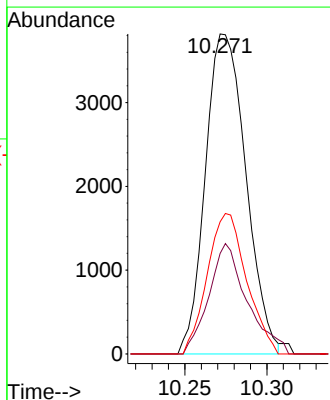
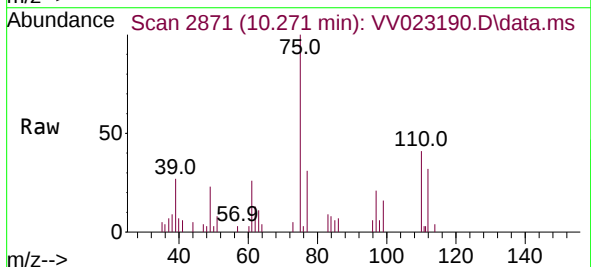
Manual Integrations
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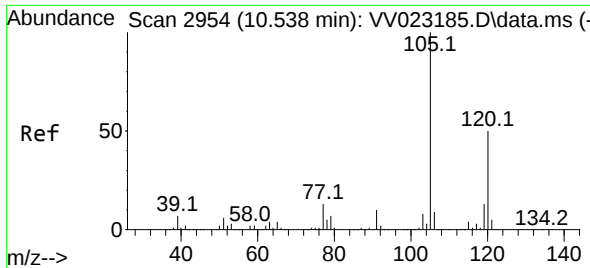
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#61
1,2,3-Trichloropropane
Concen: 2.752 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

Tgt Ion: 75 Resp: 6550
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4
110 42.5 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 2.306 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV023190.D

Acq: 03 Nov 2021 16:33

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion:105 Resp: 15410

Ion Ratio Lower Upper

105 100

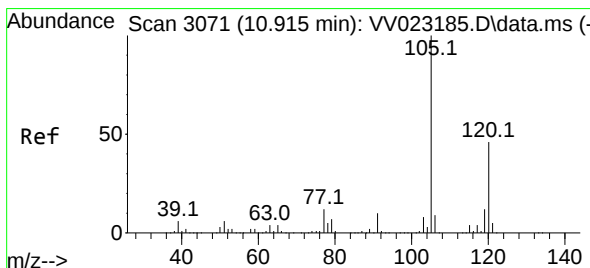
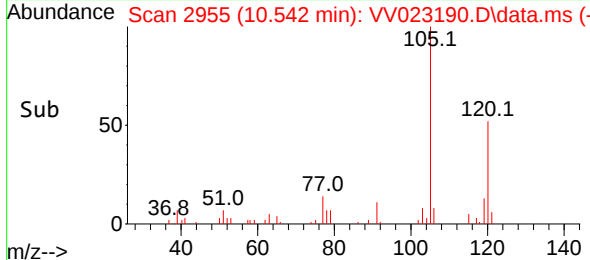
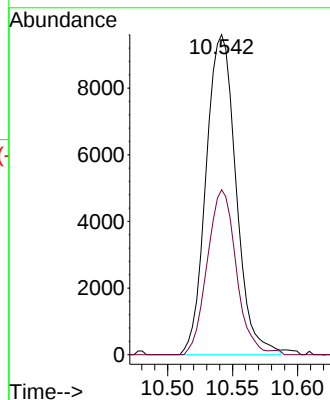
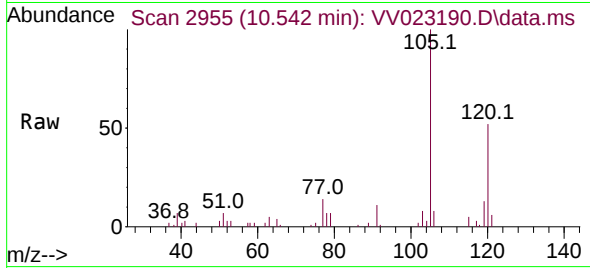
120 49.5 39.6 59.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/10/2021

Supervised By :Semsettin Yesilyurt 11/10/2021



#63

1,2,4-Trimethylbenzene

Concen: 2.351 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV023190.D

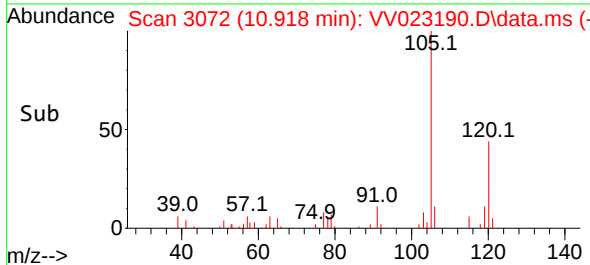
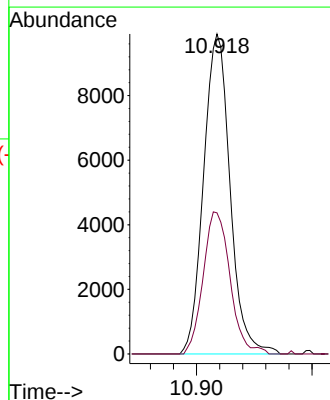
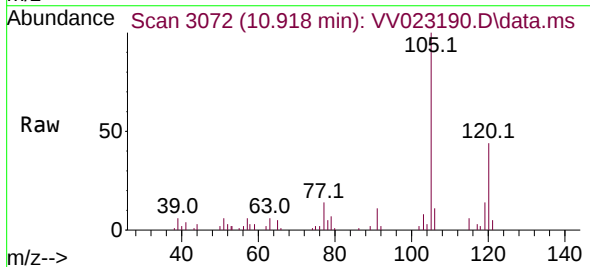
Acq: 03 Nov 2021 16:33

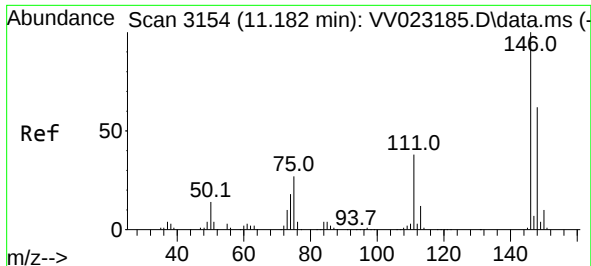
Tgt Ion:105 Resp: 15773

Ion Ratio Lower Upper

105 100

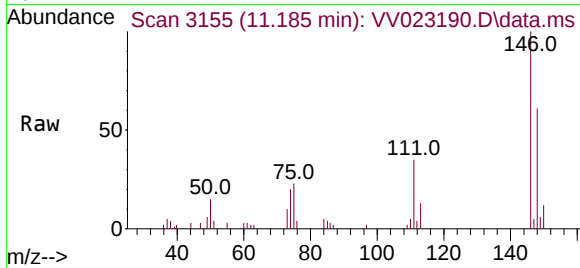
120 44.6 37.1 55.7





#64
1,3-Dichlorobenzene
Concen: 2.685 ug/L
RT: 11.185 min Scan# 3154
Delta R.T. 0.006 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

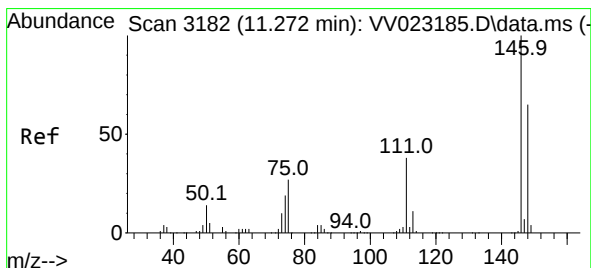
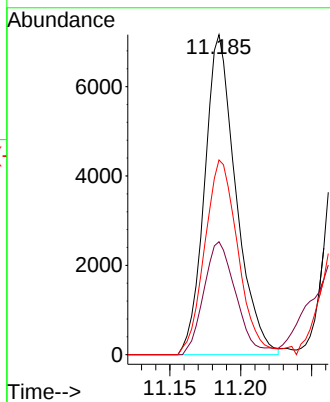
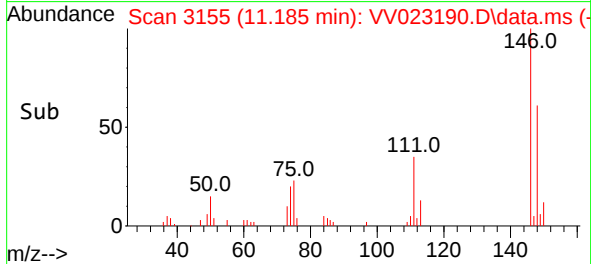
Instrument :
MSVOA_V
ClientSampleId :
MDL06



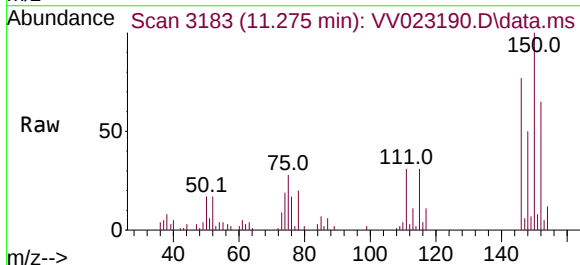
Tgt Ion:146 Resp: 1101
Ion Ratio Lower Upper
146 100
111 35.3 27.3 50.7
148 60.8 44.2 82.0

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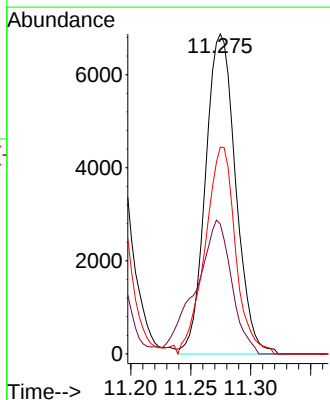
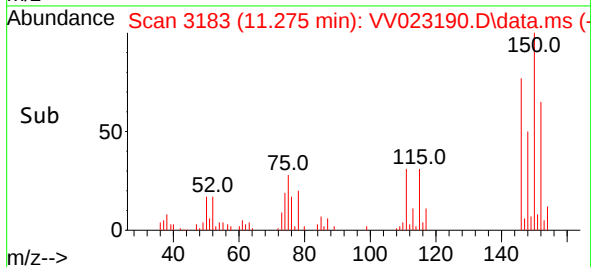
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021

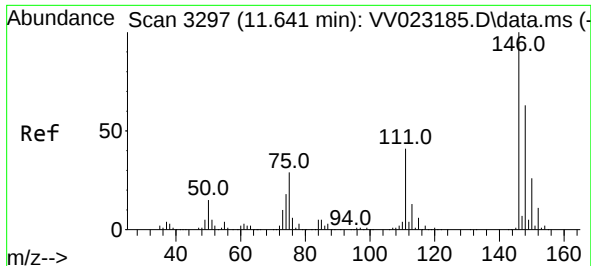


#65
1,4-Dichlorobenzene
Concen: 2.814 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33



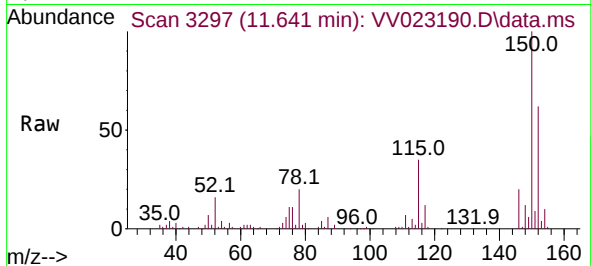
Tgt Ion:146 Resp: 12021
Ion Ratio Lower Upper
146 100
111 40.6 26.0 48.2
148 64.7 44.7 82.9





#67
1,2-Dichlorobenzene
Concen: 2.962 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

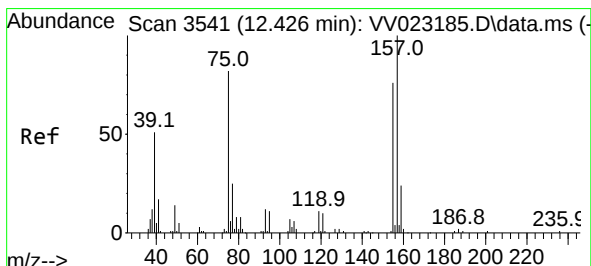
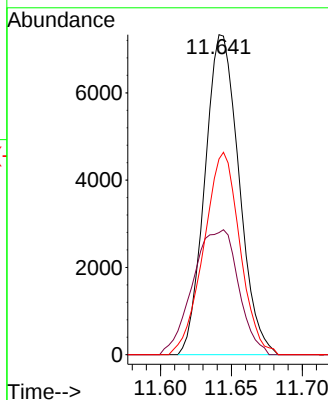
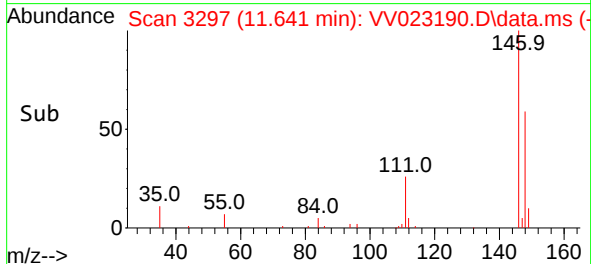
Instrument :
MSVOA_V
ClientSampleId :
MDL06



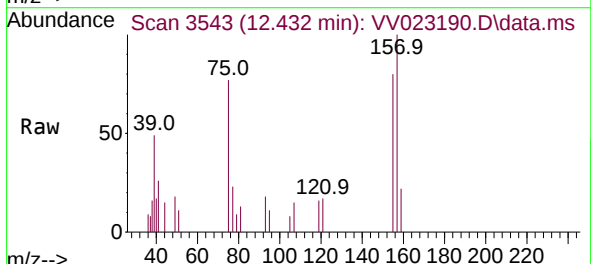
Tgt Ion:146 Resp: 12284
Ion Ratio Lower Upper
146 100
111 38.2 32.2 48.2
148 61.1 51.8 77.8

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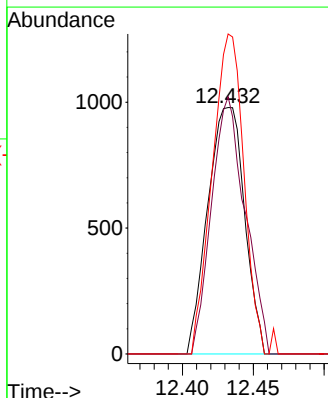
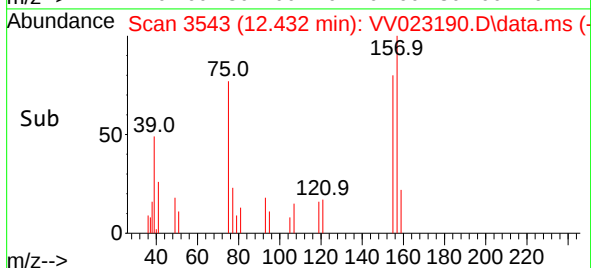
Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021

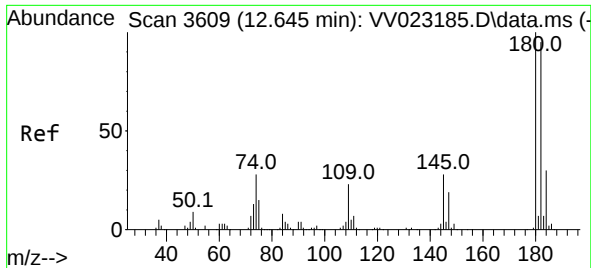


#68
1,2-Dibromo-3-chloropropane
Concen: 2.663 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33



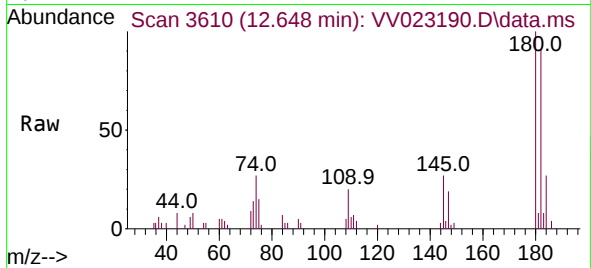
Tgt Ion: 75 Resp: 1769
Ion Ratio Lower Upper
75 100
155 104.3 75.7 113.5
157 129.8 96.4 144.6





#69
 1,3,5-Trichlorobenzene
 Concen: 2.663 ug/L
 RT: 12.648 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV023190.D
 Acq: 03 Nov 2021 16:33

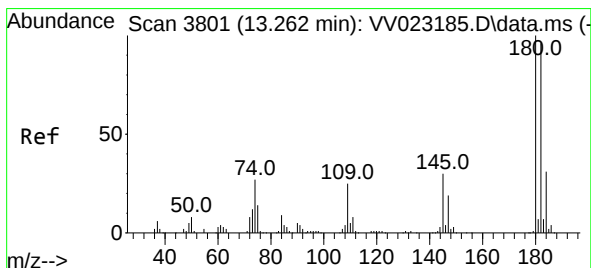
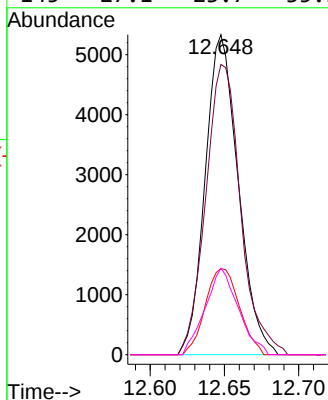
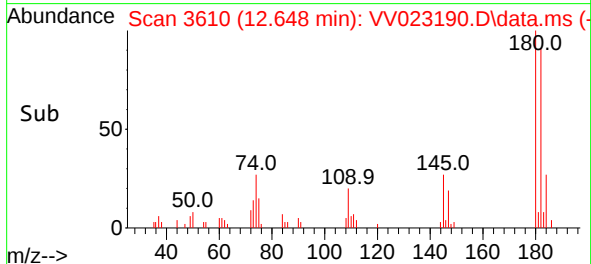
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06



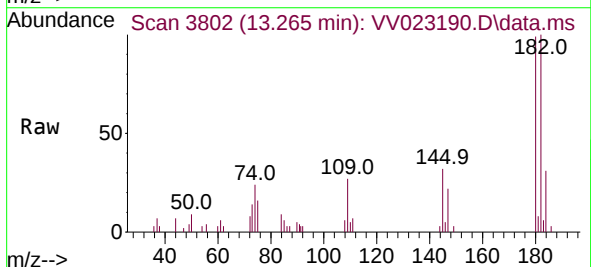
Tgt Ion:180 Resp: 8260
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.6 115.0
 184 27.7 24.6 36.8
 145 27.1 23.7 35.5

Manual Integrations
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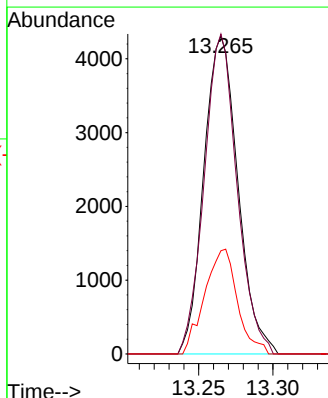
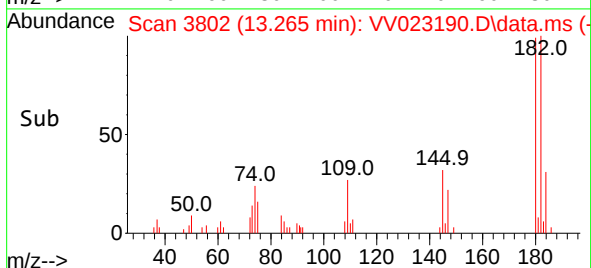
Reviewed By :Mahesh Dadoda 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/10/2021

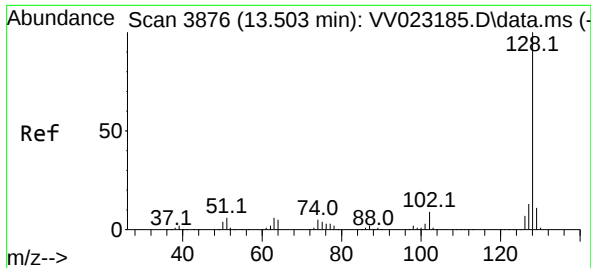


#70
 1,2,4-trichlorobenzene
 Concen: 2.558 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.003 min
 Lab File: VV023190.D
 Acq: 03 Nov 2021 16:33



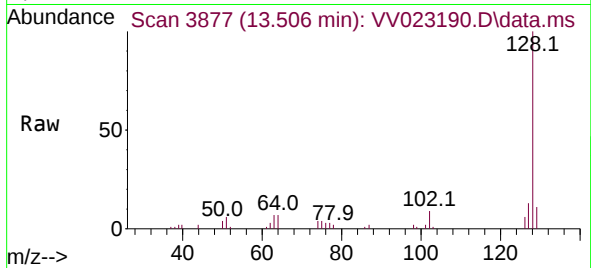
Tgt Ion:180 Resp: 6878
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.2 115.8
 145 31.7 23.8 35.6





#71
Naphthalene
Concen: 2.231 ug/L
RT: 13.506 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33

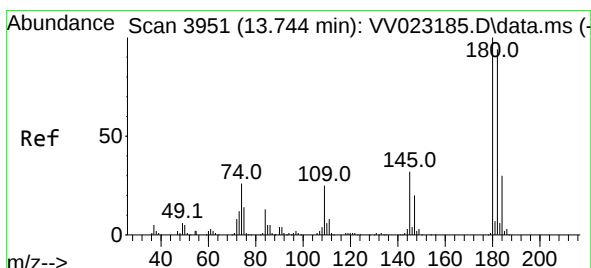
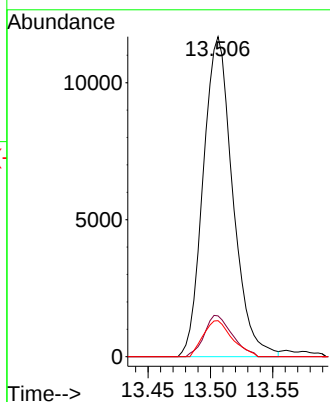
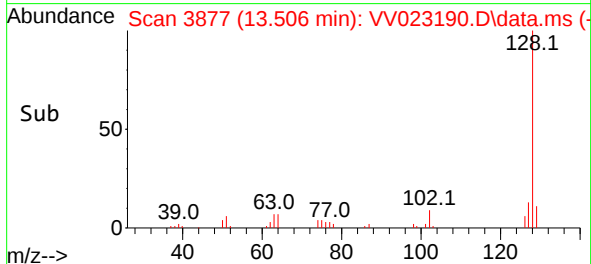
Instrument :
MSVOA_V
ClientSampleId :
MDL06



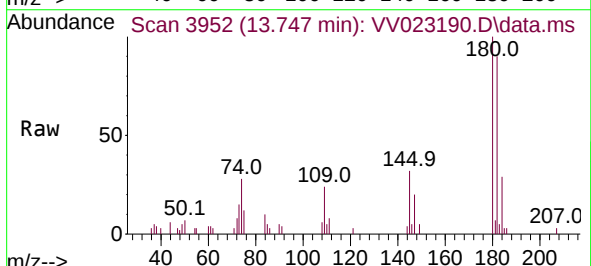
Tgt Ion:128 Resp: 1926
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 11/10/2021
Supervised By :Semsettin Yesilyurt 11/10/2021



#72
1,2,3-Trichlorobenzene
Concen: 2.585 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023190.D
Acq: 03 Nov 2021 16:33



Tgt Ion:180 Resp: 7347
Ion Ratio Lower Upper
180 100
182 90.2 77.0 115.4
145 30.5 26.4 39.6

