

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050924\
 Data File : VV035567.D
 Acq On : 09 May 2024 12:33
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024
 Supervised By :Semsettin Yesilyurt 05/10/2024

Quant Time: May 09 12:54:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 01:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	402723	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	412853	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	203480	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	129894	20.868	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.480%		
7) Chloroethane-d5	1.529	69	115102	22.921	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.680%		
11) 1,1-Dichloroethene-d2	2.056	65	61008	22.139	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	88.560%		
21) 2-Butanone-d5	3.844	46	75320m	42.638	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.280%		
24) Chloroform-d	4.246	84	280617	23.438	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.760%		
26) 1,2-Dichloroethane-d4	4.941	65	141875	23.970	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.880%		
32) Benzene-d6	4.957	84	529173	23.415	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.680%		
36) 1,2-Dichloropropane-d6	5.986	67	173524	24.880	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.520%		
41) Toluene-d8	7.240	98	450188	22.382	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.520%		
43) trans-1,3-Dichloroprop...	7.555	79	62137	20.832	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.320%		
47) 2-Hexanone-d5	8.034	63	48709	38.840	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.680%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	150322	22.368	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.480%		
66) 1,2-Dichlorobenzene-d4	11.558	152	175723	24.884	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	9266	1.132	ug/L	97
3) Chloromethane	1.214	50	11225	1.365	ug/L	96
5) Vinyl chloride	1.282	62	10452	1.231	ug/L #	78
6) Bromomethane	1.487	94	7264	1.351	ug/L	97
8) Chloroethane	1.548	64	6326	1.208	ug/L	100
9) Trichlorofluoromethane	1.712	101	12076	1.089	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	8746	1.250	ug/L	89
12) 1,1-Dichloroethene	2.066	96	8968	1.420	ug/L #	1
13) Acetone	2.172	43	9636m	3.726	ug/L	
14) Carbon disulfide	2.237	76	25389	1.269	ug/L	100
15) Methyl Acetate	2.401	43	4144m	1.058	ug/L	
16) Methylene chloride	2.446	84	21715	2.338	ug/L	95
17) trans-1,2-Dichloroethene	2.696	96	7989	1.139	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	15193	0.898	ug/L	96
19) 1,1-Dichloroethane	3.111	63	14584	1.109	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	7549	0.993	ug/L	88
22) 2-Butanone	3.941	43	5257m	2.189	ug/L	
23) Bromochloromethane	4.156	128	3945	1.073	ug/L	92
25) Chloroform	4.278	83	17230	1.269	ug/L	92

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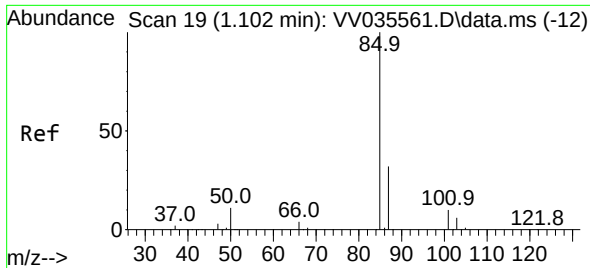
Manual Integrations
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Reviewed By :Mahesh Dadoda 05/10/2024
 Supervised By :Semsettin Yesilyurt 05/10/2024

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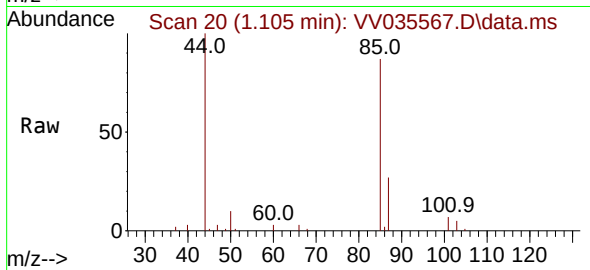
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.056	62	9719	1.150	ug/L	96
29) Cyclohexane	4.574	56	9268	0.939	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	13018	1.137	ug/L	97
31) Carbon tetrachloride	4.735	117	10945	1.090	ug/L	97
33) Benzene	5.015	78	29131	1.066	ug/L	100
34) Trichloroethene	5.841	95	8321	1.077	ug/L	90
35) Methylcyclohexane	6.047	83	10612	0.904	ug/L	92
37) 1,2-Dichloropropane	6.098	63	7378	1.035	ug/L #	93
38) Bromodichloromethane	6.442	83	10347	1.071	ug/L	95
39) cis-1,3-Dichloropropene	6.969	75	10766	0.966	ug/L	99
40) 4-Methyl-2-pentanone	7.175	43	9529m	2.232	ug/L	
42) Toluene	7.323	91	31665	1.095	ug/L	100
44) trans-1,3-Dichloropropene	7.593	75	9556m	0.980	ug/L	
45) 1,1,2-Trichloroethane	7.780	97	6012	0.993	ug/L	95
46) Tetrachloroethene	7.905	164	7205	1.147	ug/L	97
48) 2-Hexanone	8.098	43	7620m	2.380	ug/L	
49) Dibromochloromethane	8.178	129	6672	0.976	ug/L	91
50) 1,2-Dibromoethane	8.291	107	5984	1.003	ug/L	92
51) Chlorobenzene	8.815	112	22494	1.121	ug/L	99
52) Ethylbenzene	8.950	91	29785	0.933	ug/L	99
53) m,p-Xylene	9.079	106	11175	0.923	ug/L	96
54) o-Xylene	9.481	106	9424	0.821	ug/L	95
55) Styrene	9.506	104	16084m	0.803	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.178	83	7099	0.962	ug/L #	91
59) Bromoform	9.670	173	3862	0.966	ug/L #	83
60) Isopropylbenzene	9.870	105	25550	0.943	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	5201	1.091	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.477	105	17584	0.827	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	19262	0.882	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	14459	1.016	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	18081	1.228	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	15761	1.177	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.371	75	1334	1.206	ug/L #	73
69) 1,3,5-Trichlorobenzene	12.583	180	11702	1.053	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	8933	0.962	ug/L	98
71) Naphthalene	13.445	128	13379m	0.821	ug/L	
72) 1,2,3-Trichlorobenzene	13.683	180	7550	0.904	ug/L	96

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



#2
Dichlorodifluoromethane
Concen: 1.132 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

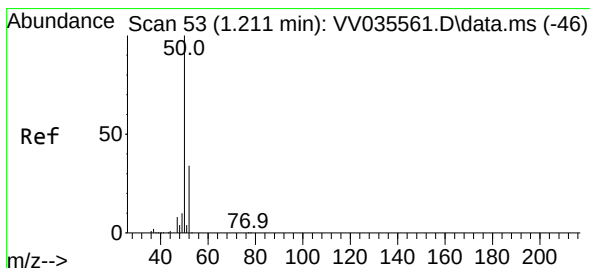
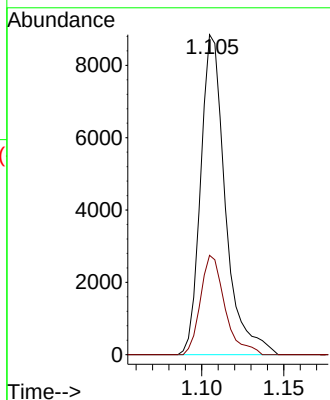
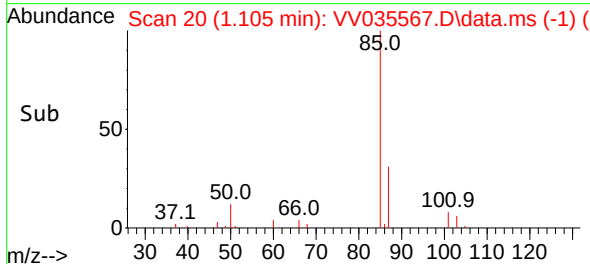
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 85 Resp: 9260
Ion Ratio Lower Upper
85 100
87 30.7 25.8 38.6

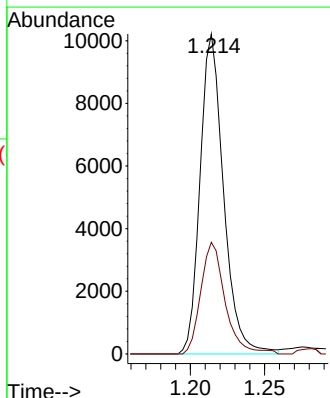
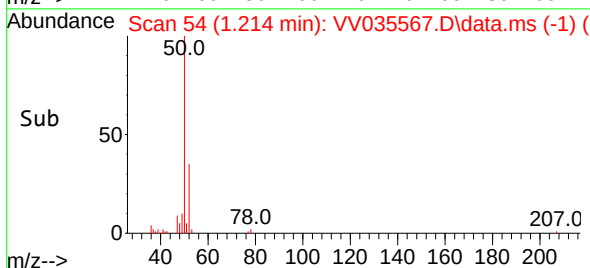
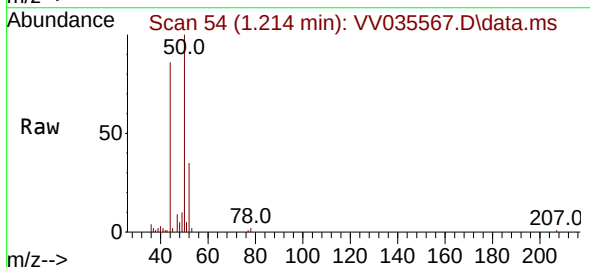
Manual Integrations
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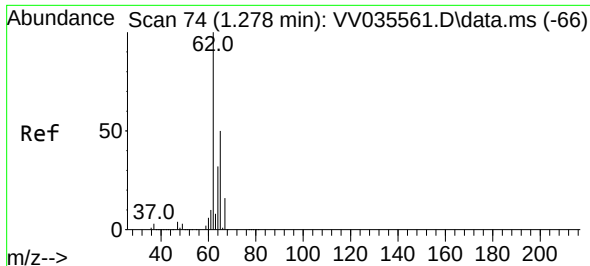
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#3
Chloromethane
Concen: 1.365 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

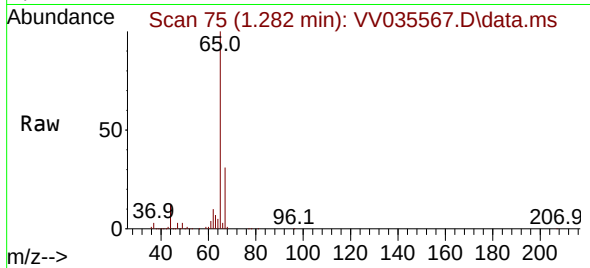
Tgt Ion: 50 Resp: 11225
Ion Ratio Lower Upper
50 100
52 34.9 22.7 42.1





#5
 Vinyl chloride
 Concen: 1.231 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV035567.D
 Acq: 09 May 2024 12:33

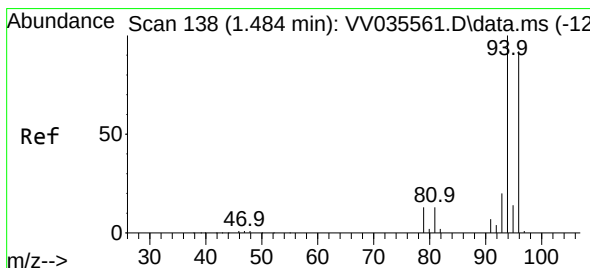
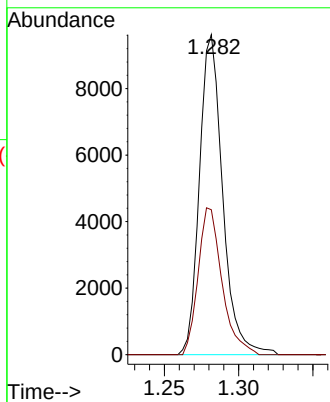
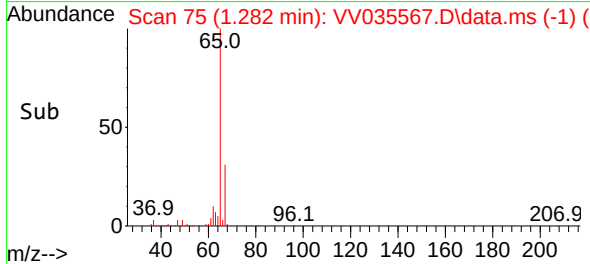
Instrument :
 MSVOA_V
 ClientSampleId :
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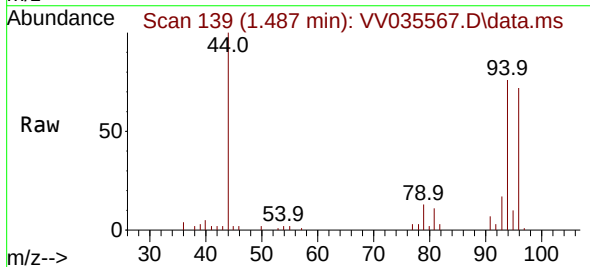
Tgt Ion: 62 Resp: 10452
 Ion Ratio Lower Upper
 62 100
 64 45.3 23.0 42.6

Manual Integrations
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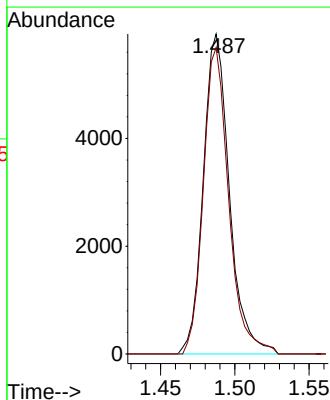
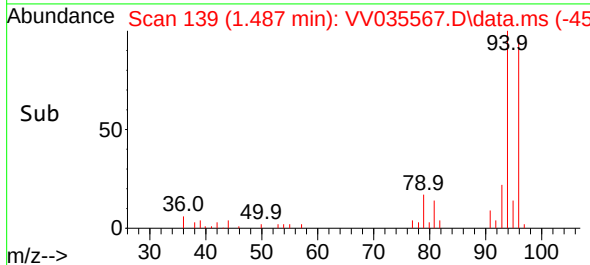
Reviewed By :Mahesh Dadoda 05/10/2024
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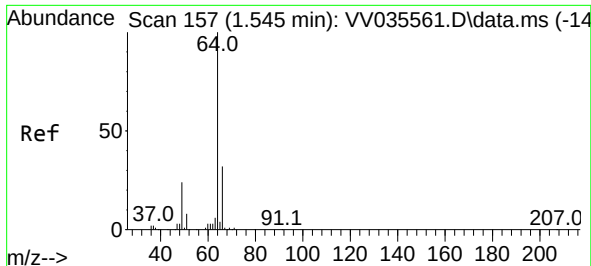


#6
 Bromomethane
 Concen: 1.351 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV035567.D
 Acq: 09 May 2024 12:33



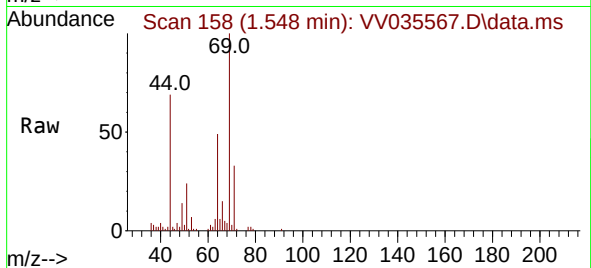
Tgt Ion: 94 Resp: 7264
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.2 121.0





#8
Chloroethane
Concen: 1.208 ug/L
RT: 1.548 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

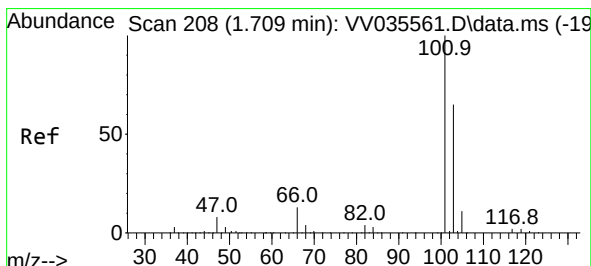
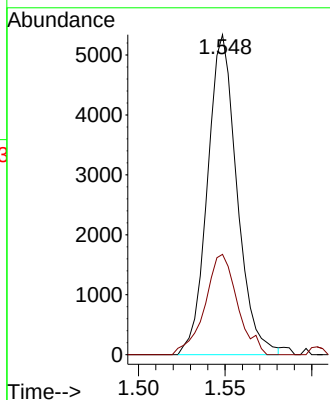
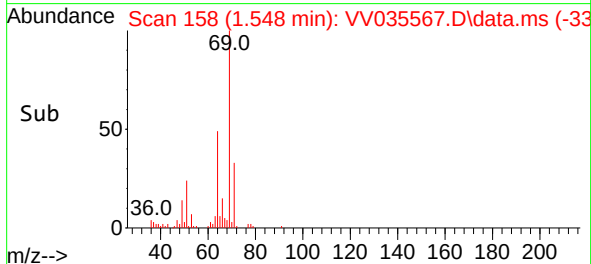
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 64 Resp: 6320
Ion Ratio Lower Upper
64 100
66 31.3 22.0 40.8

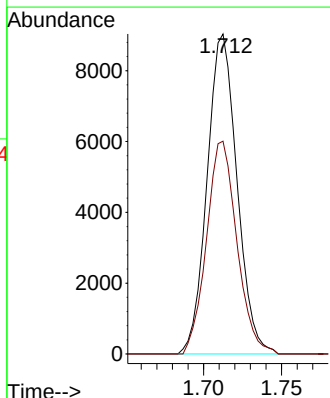
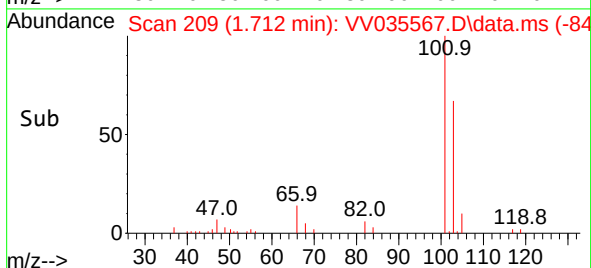
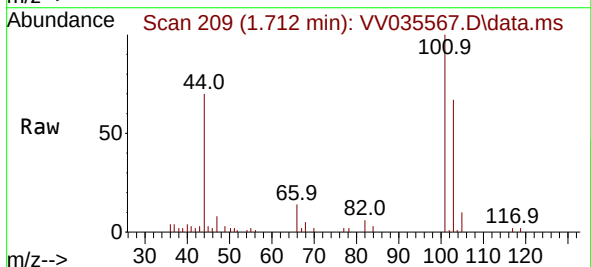
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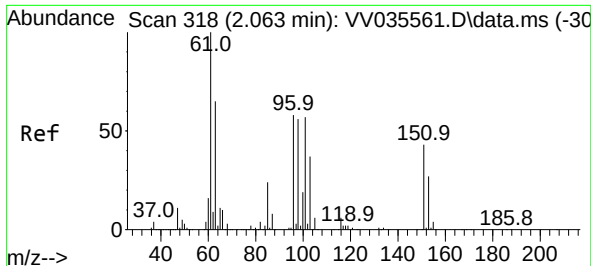
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#9
Trichlorofluoromethane
Concen: 1.089 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Tgt Ion:101 Resp: 12076
Ion Ratio Lower Upper
101 100
103 67.6 51.5 77.3





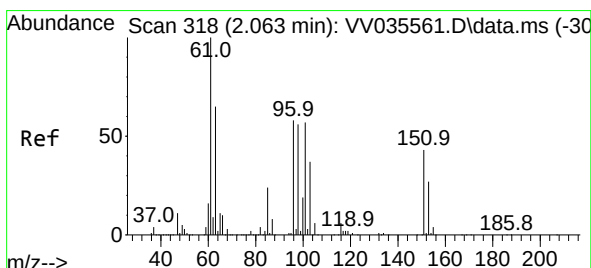
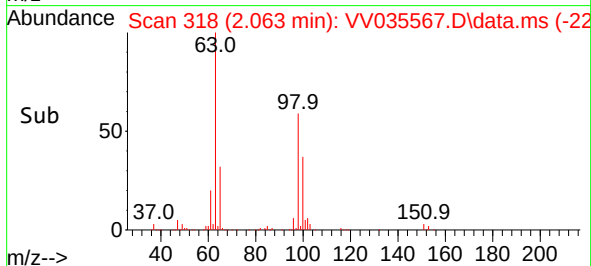
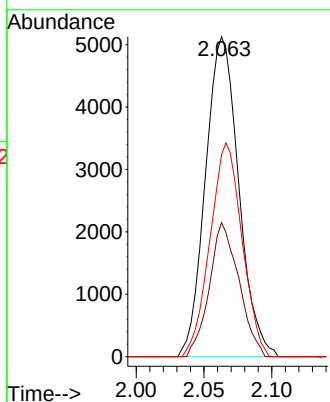
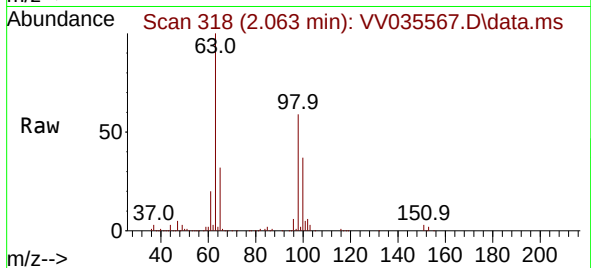
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.250 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:101 Resp: 8740
Ion Ratio Lower Upper
101 100
85 37.3 34.2 51.4
151 64.3 59.5 89.3

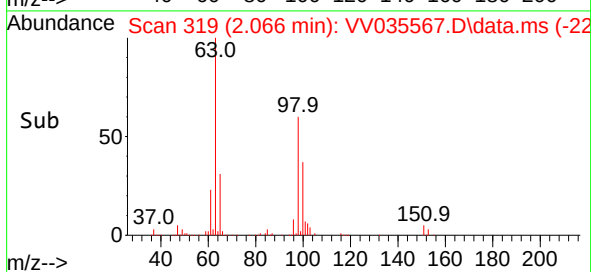
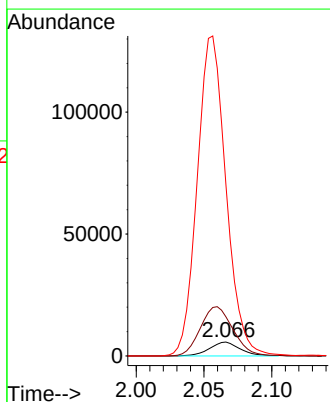
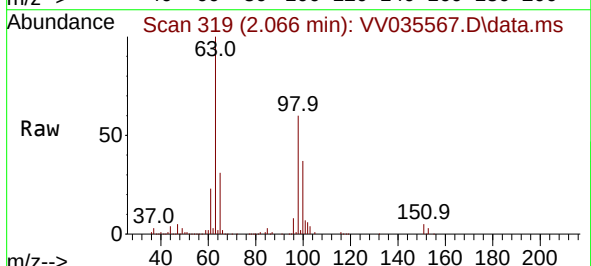
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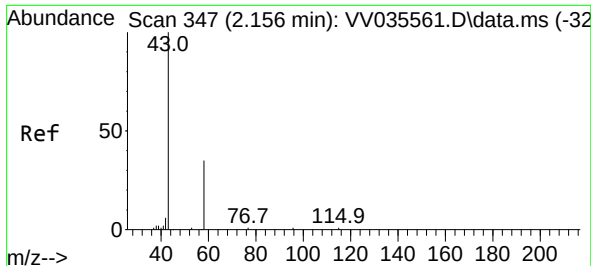
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#12
1,1-Dichloroethene
Concen: 1.420 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Tgt Ion: 96 Resp: 8968
Ion Ratio Lower Upper
96 100
61 281.7 119.8 222.4#
63 1235.8 75.6 140.4#





#13

Acetone

Concen: 3.726 ug/L m

RT: 2.172 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV035567.D

Acq: 09 May 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 963

Ion Ratio Lower Upper

43 100

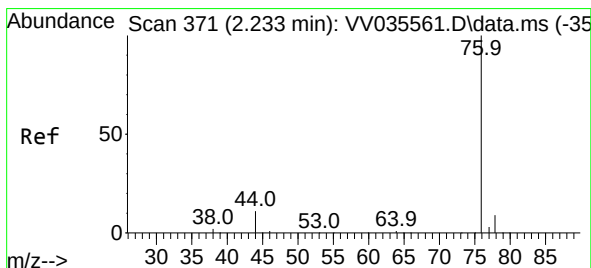
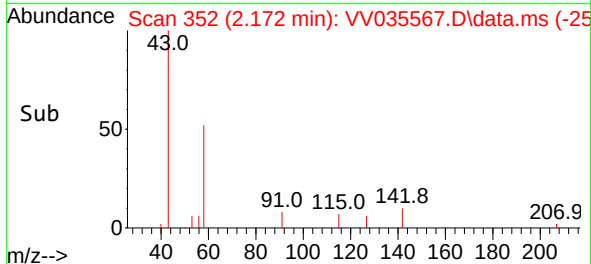
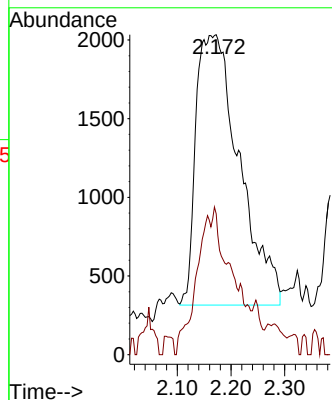
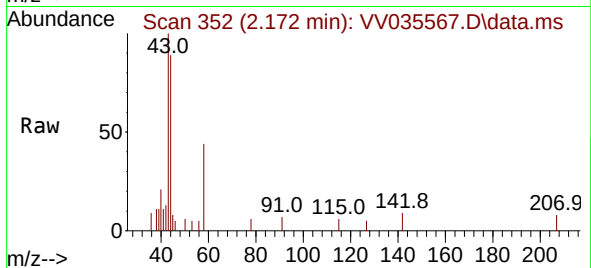
58 0.2 0.0 22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024

Supervised By :Semsettin Yesilyurt 05/10/2024



#14

Carbon disulfide

Concen: 1.269 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV035567.D

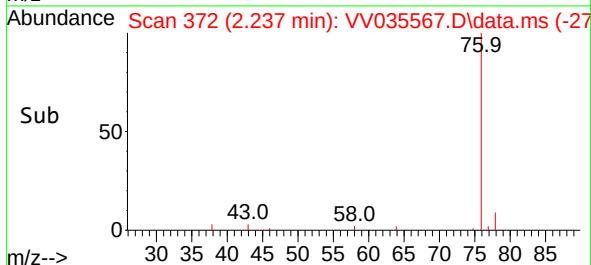
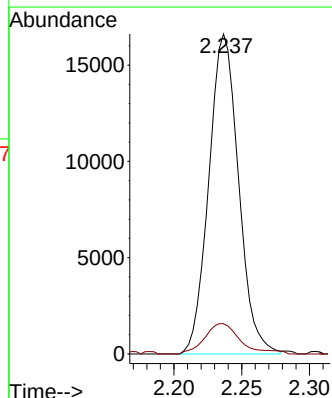
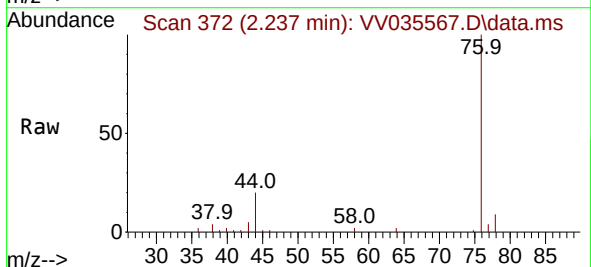
Acq: 09 May 2024 12:33

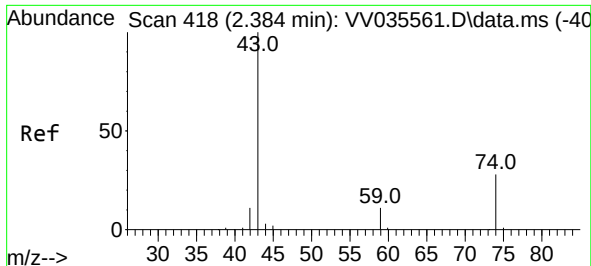
Tgt Ion: 76 Resp: 25389

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





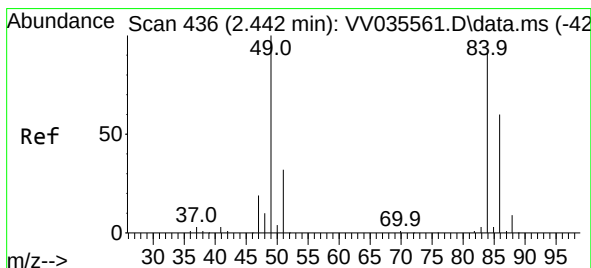
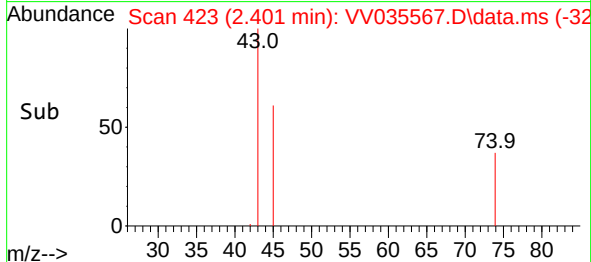
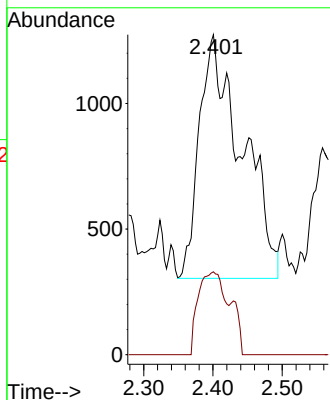
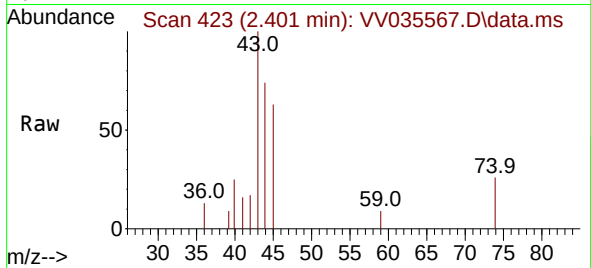
#15
Methyl Acetate
Concen: 1.058 ug/L m
RT: 2.401 min Scan# 418
Delta R.T. 0.016 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
74 20.9 18.6 27.8

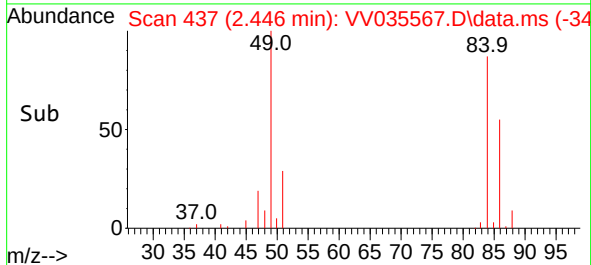
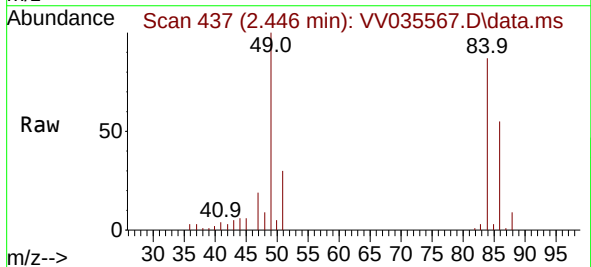
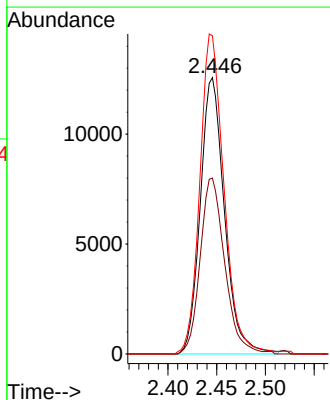
Manual Integrations
APPROVED

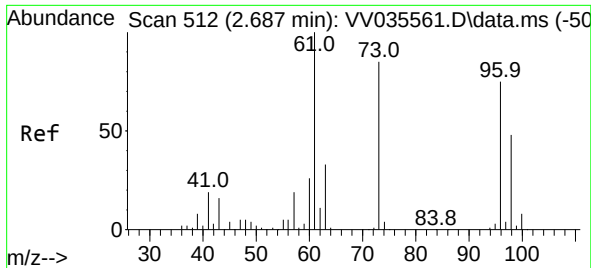
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#16
Methylene chloride
Concen: 2.338 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

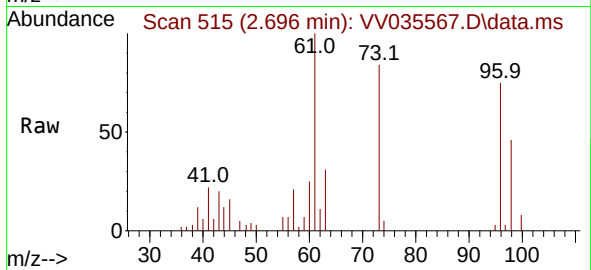
Tgt Ion: 84 Resp: 21715
Ion Ratio Lower Upper
84 100
86 63.6 43.8 81.3
49 115.1 75.3 139.9





#17
trans-1,2-Dichloroethene
Concen: 1.139 ug/L
RT: 2.696 min Scan# 512
Delta R.T. 0.010 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

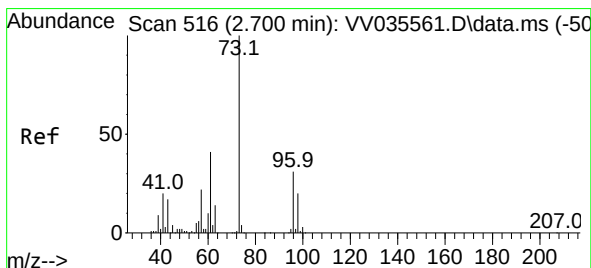
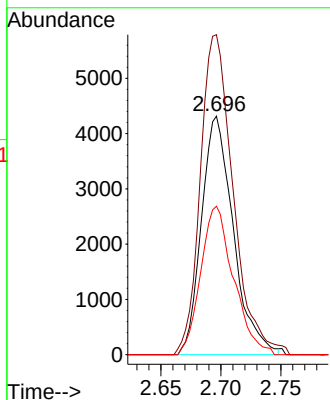
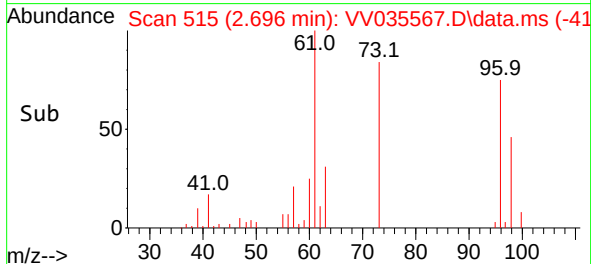
Instrument :
MSVOA_V
ClientSampleId :
MDL07



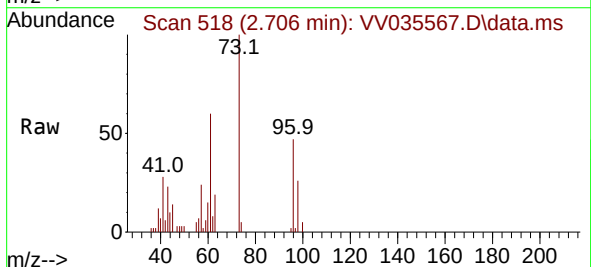
Tgt Ion: 96 Resp: 7989
Ion Ratio Lower Upper
96 100
61 134.1 95.5 177.4
98 62.2 46.0 85.4

Manual Integrations
APPROVED

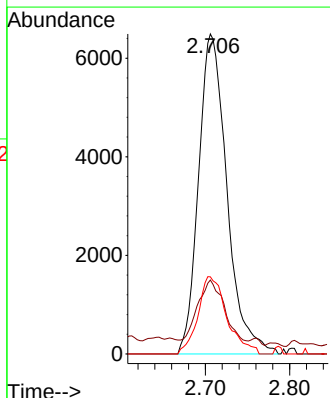
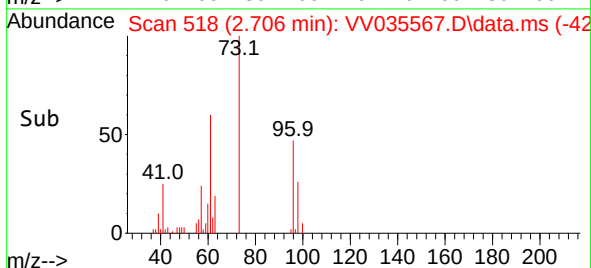
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

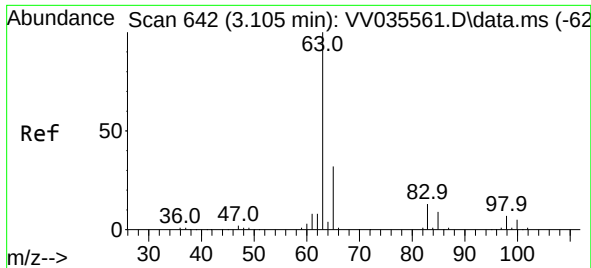


#18
Methyl tert-butyl Ether
Concen: 0.898 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33



Tgt Ion: 73 Resp: 15193
Ion Ratio Lower Upper
73 100
43 17.5 13.3 19.9
57 24.5 17.4 26.2





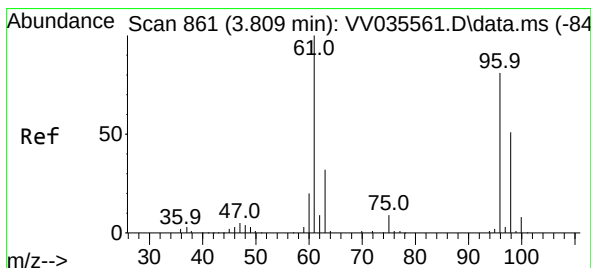
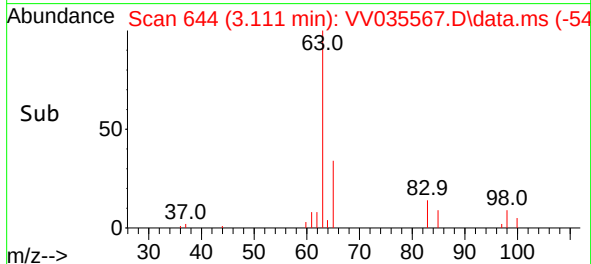
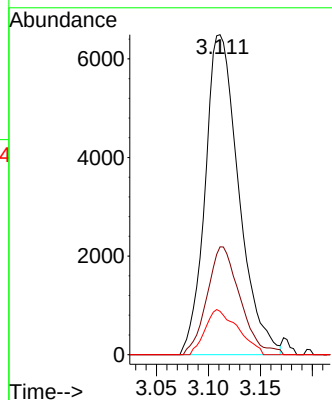
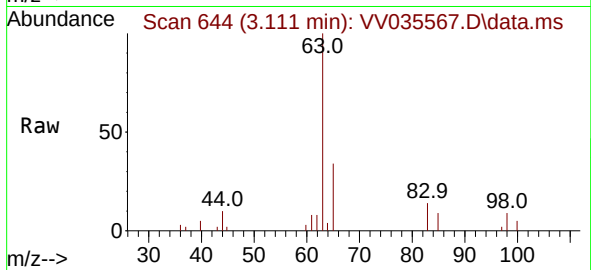
#19
1,1-Dichloroethane
Concen: 1.109 ug/L
RT: 3.111 min Scan# 642
Delta R.T. 0.006 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 63 Resp: 14584
Ion Ratio Lower Upper
63 100
65 33.7 22.7 42.3
83 13.5 9.7 17.9

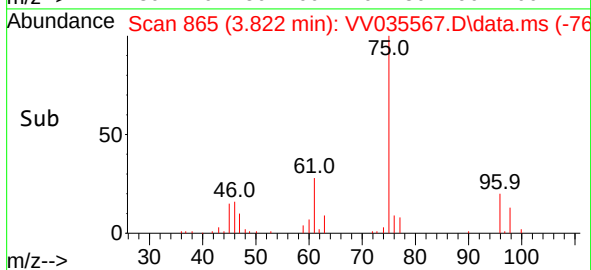
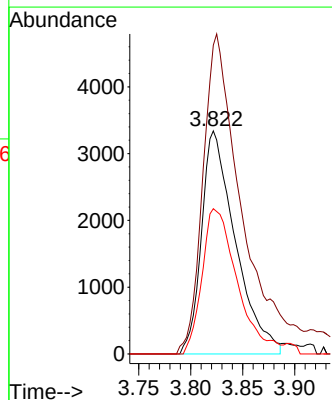
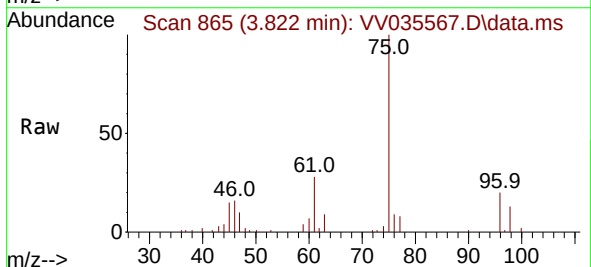
Manual Integrations
APPROVED

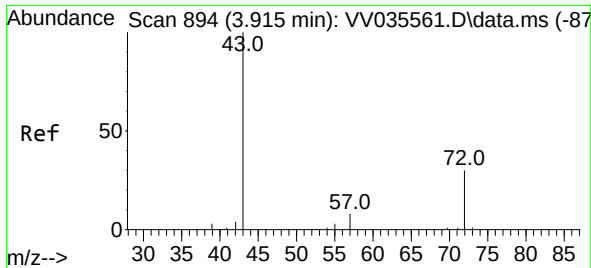
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#20
cis-1,2-Dichloroethene
Concen: 0.993 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.013 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

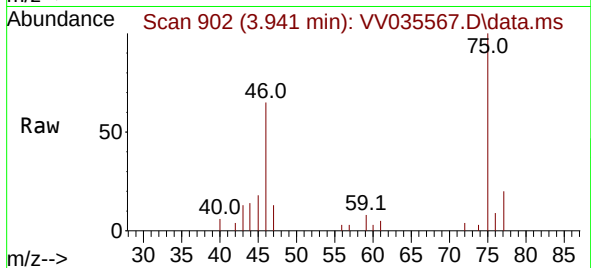
Tgt Ion: 96 Resp: 7549
Ion Ratio Lower Upper
96 100
61 138.5 83.9 155.9
98 65.1 44.0 81.8





#22
2-Butanone
Concen: 2.189 ug/L m
RT: 3.941 min Scan# 902
Delta R.T. 0.029 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

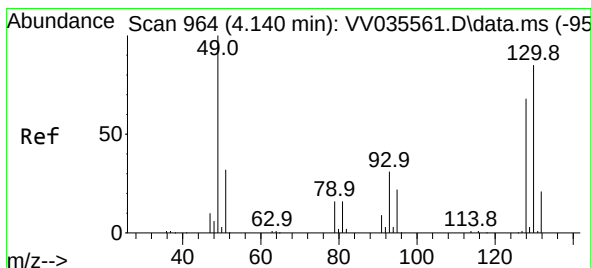
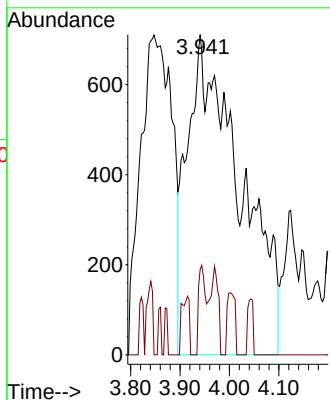
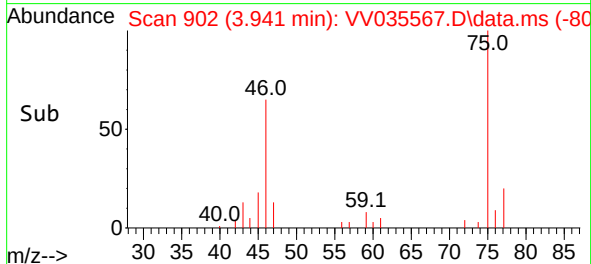
Instrument :
MSVOA_V
ClientSampleId :
MDL07



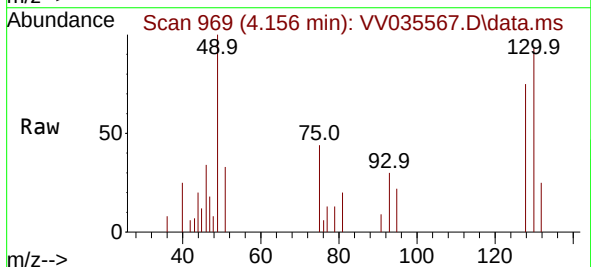
Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
72 1.2 12.3 36.9

Manual Integrations
APPROVED

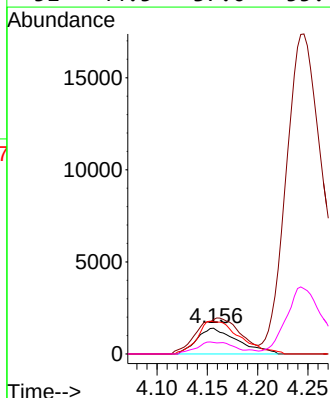
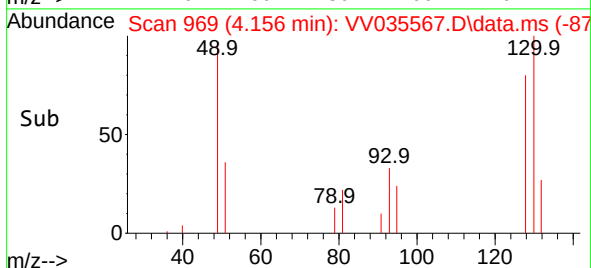
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

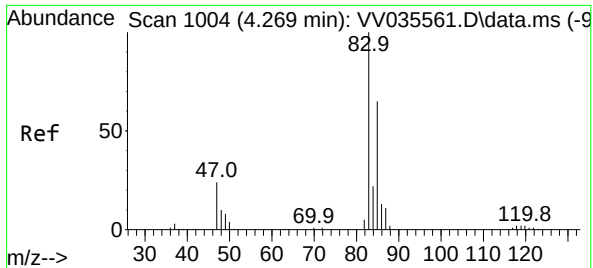


#23
Bromochloromethane
Concen: 1.073 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.013 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33



Tgt Ion:128 Resp: 3945
Ion Ratio Lower Upper
128 100
49 133.6 103.1 191.5
130 124.7 91.8 170.4
51 44.5 37.0 55.4





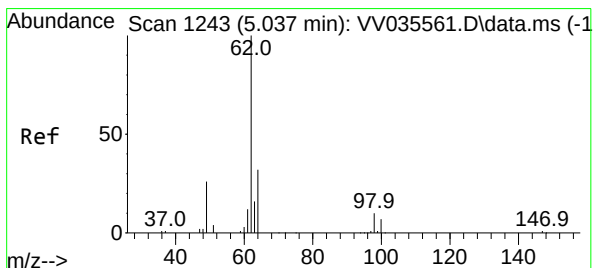
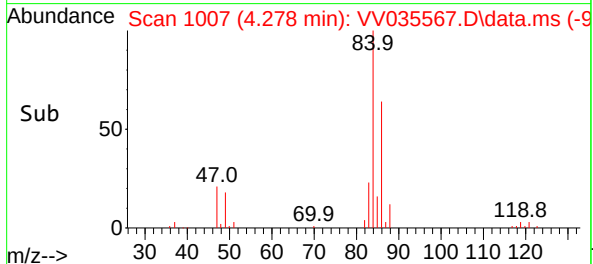
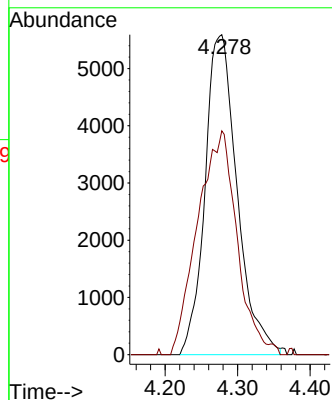
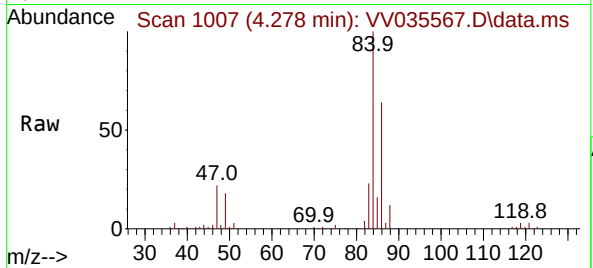
#25
Chloroform
Concen: 1.269 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.010 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 83 Resp: 17230
Ion Ratio Lower Upper
83 100
85 69.9 44.7 82.9

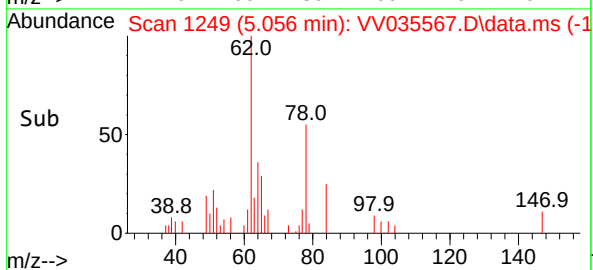
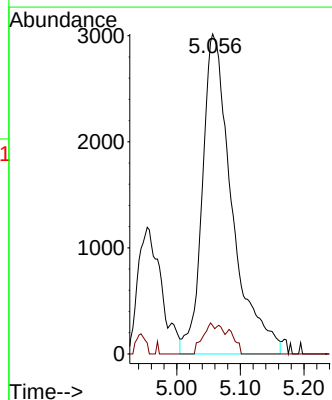
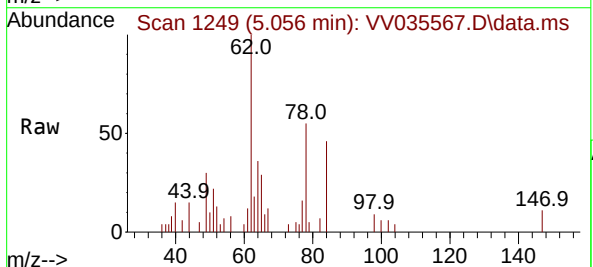
Manual Integrations
APPROVED

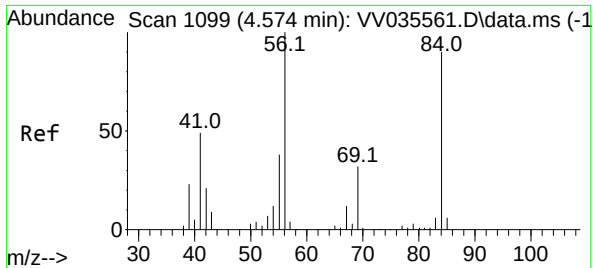
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#27
1,2-Dichloroethane
Concen: 1.150 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.019 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

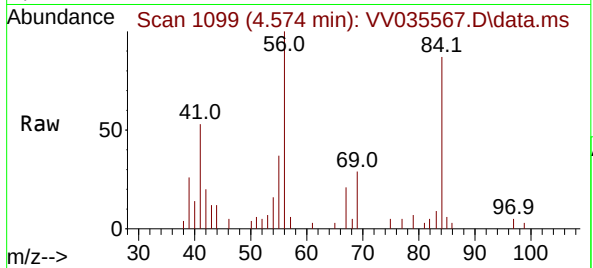
Tgt Ion: 62 Resp: 9719
Ion Ratio Lower Upper
62 100
98 8.8 8.2 12.2





#29
Cyclohexane
Concen: 0.939 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

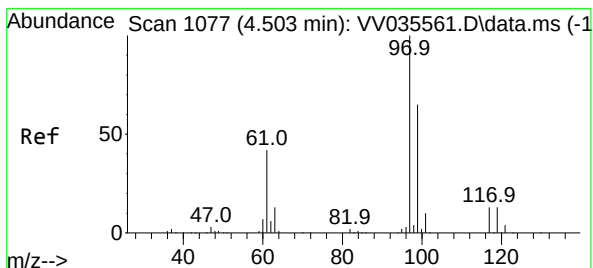
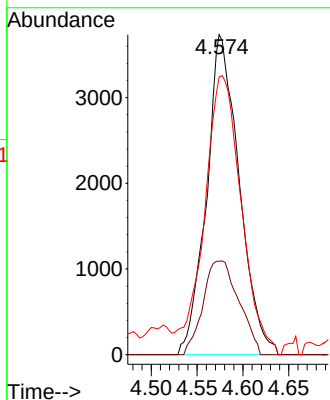
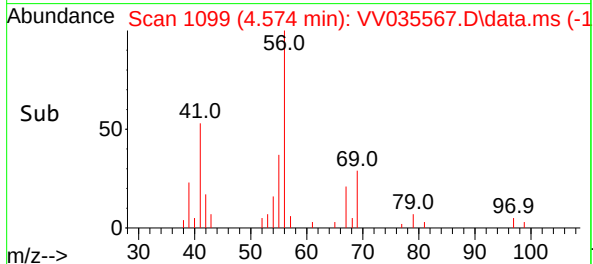
Instrument :
MSVOA_V
ClientSampleId :
MDL07



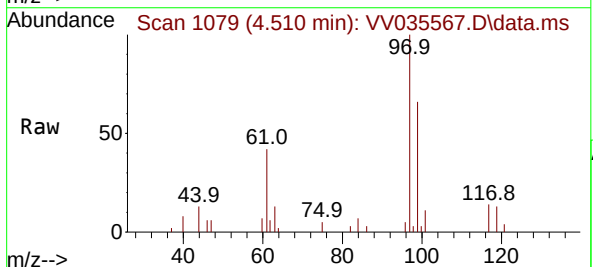
Tgt Ion: 56 Resp: 926
Ion Ratio Lower Upper
56 100
69 32.0 25.6 38.4
84 98.5 74.8 112.2

Manual Integrations
APPROVED

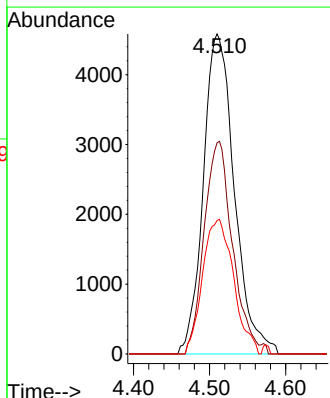
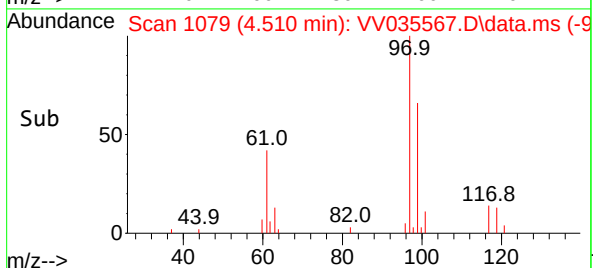
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

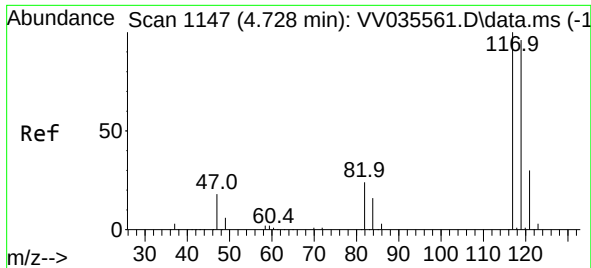


#30
1,1,1-Trichloroethane
Concen: 1.137 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33



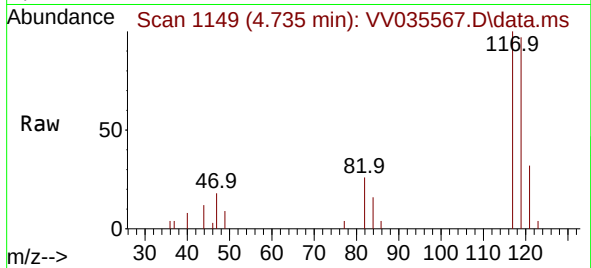
Tgt Ion: 97 Resp: 13018
Ion Ratio Lower Upper
97 100
99 60.3 51.7 77.5
61 41.9 33.5 50.3





#31
Carbon tetrachloride
Concen: 1.090 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

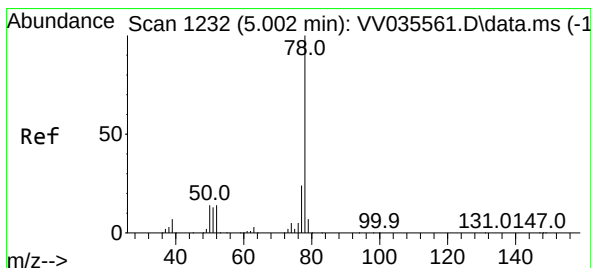
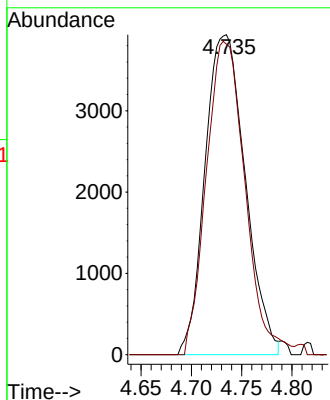
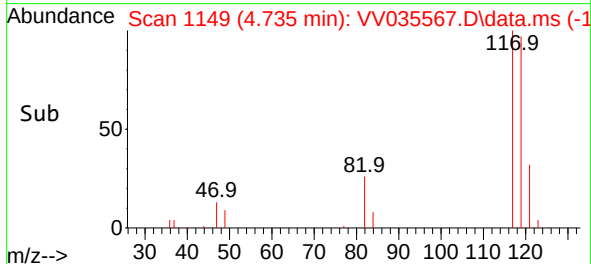
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 117 Resp: 1094
Ion Ratio Lower Upper
117 100
119 94.0 77.3 115.9

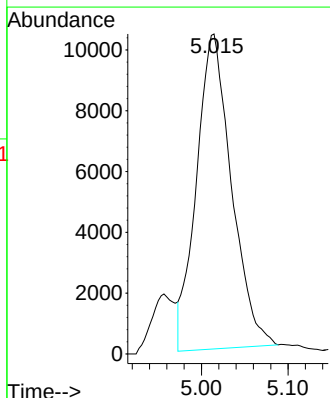
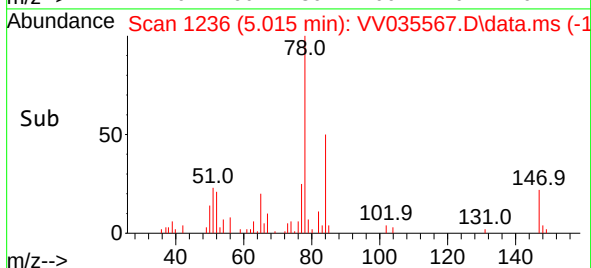
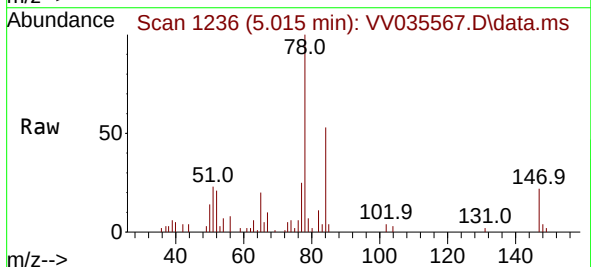
Manual Integrations
APPROVED

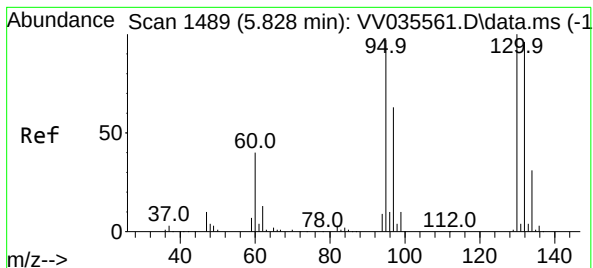
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#33
Benzene
Concen: 1.066 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.013 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Tgt Ion: 78 Resp: 29131





#34

Trichloroethene

Concen: 1.077 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.013 min

Lab File: VV035567.D

Acq: 09 May 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 95 Resp: 832

Ion Ratio Lower Upper

95 100

97 70.2 43.8 81.4

132 109.9 67.1 124.7

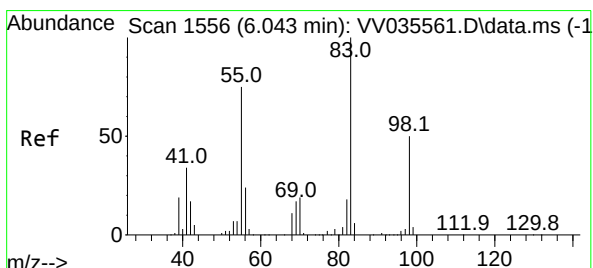
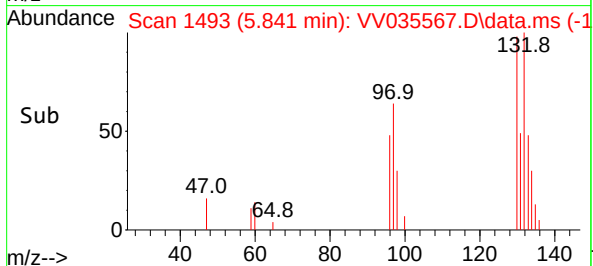
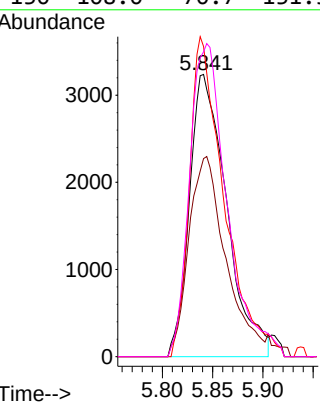
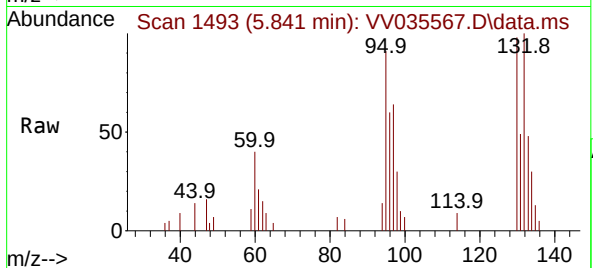
130 108.0 70.7 131.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024

Supervised By :Semsettin Yesilyurt 05/10/2024



#35

Methylcyclohexane

Concen: 0.904 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV035567.D

Acq: 09 May 2024 12:33

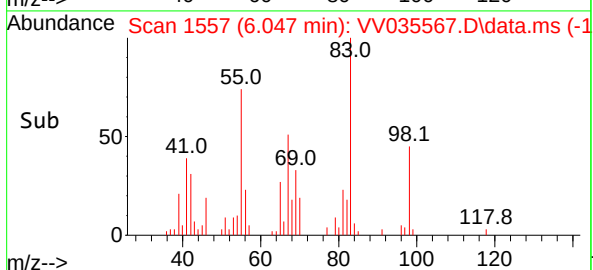
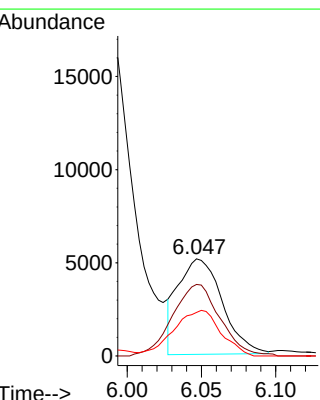
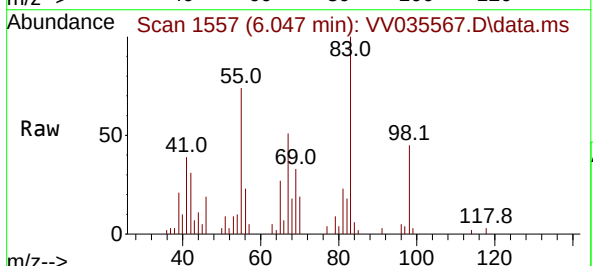
Tgt Ion: 83 Resp: 10612

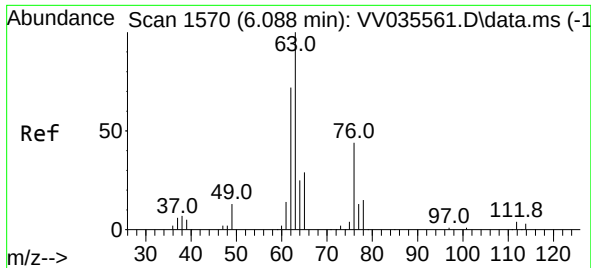
Ion Ratio Lower Upper

83 100

55 80.3 57.5 86.3

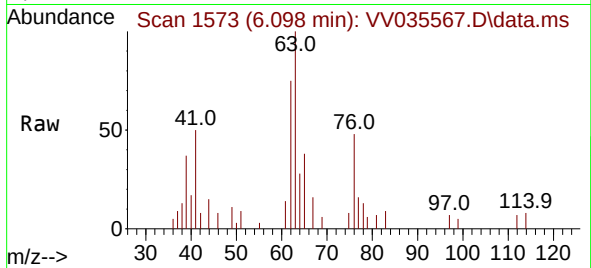
98 51.0 38.6 58.0





#37
1,2-Dichloropropane
Concen: 1.035 ug/L
RT: 6.098 min Scan# 1570
Delta R.T. 0.010 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

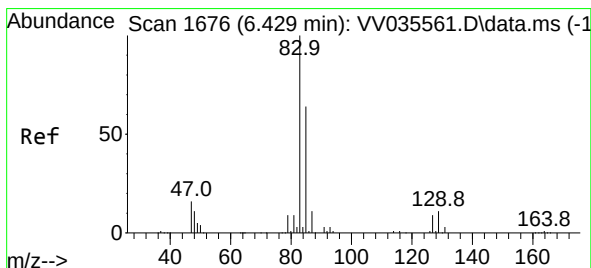
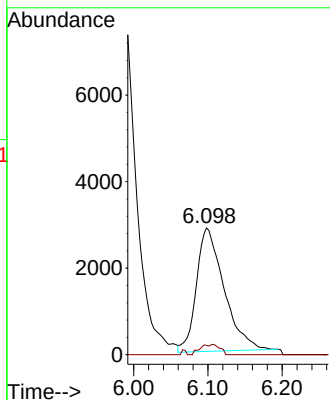
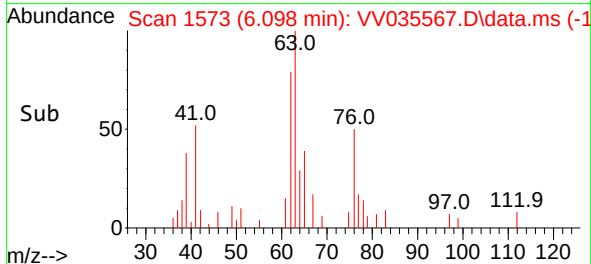
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 63 Resp: 7378
Ion Ratio Lower Upper
63 100
112 2.4 3.8 5.6

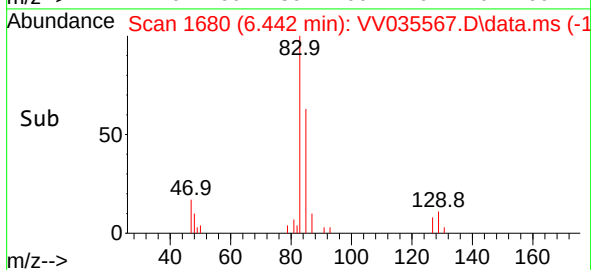
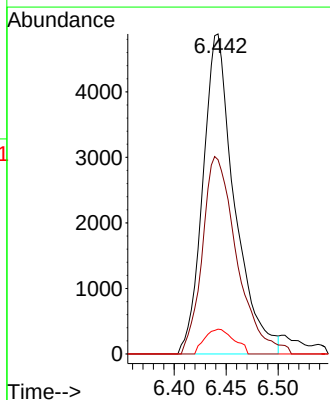
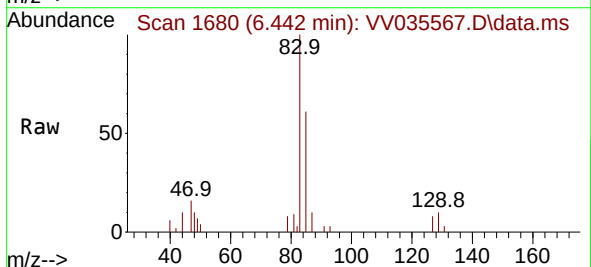
Manual Integrations
APPROVED

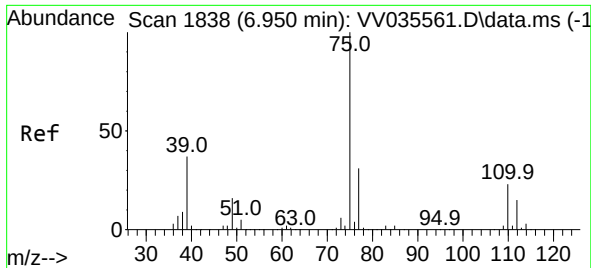
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#38
Bromodichloromethane
Concen: 1.071 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.016 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Tgt Ion: 83 Resp: 10347
Ion Ratio Lower Upper
83 100
85 60.7 45.1 83.9
127 7.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.966 ug/L

RT: 6.969 min Scan# 1838

Delta R.T. 0.019 min

Lab File: VV035567.D

Acq: 09 May 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 75 Resp: 1076

Ion Ratio Lower Upper

75 100

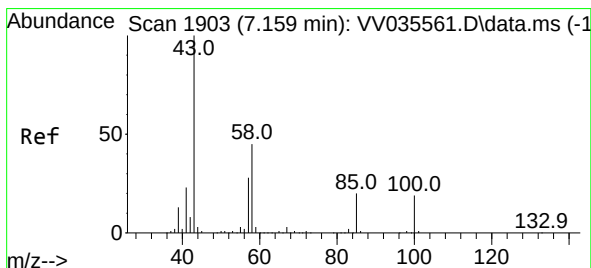
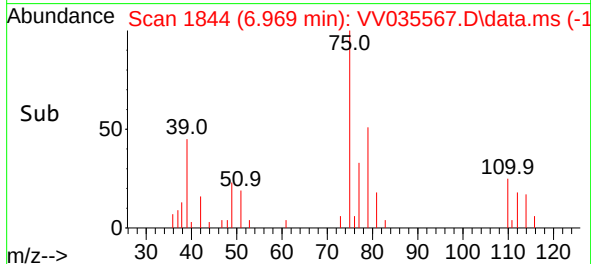
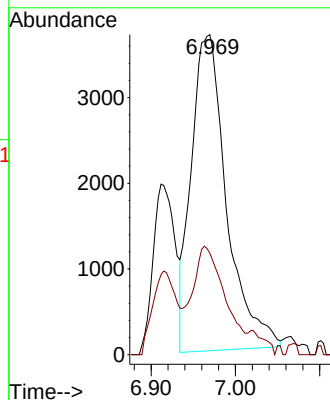
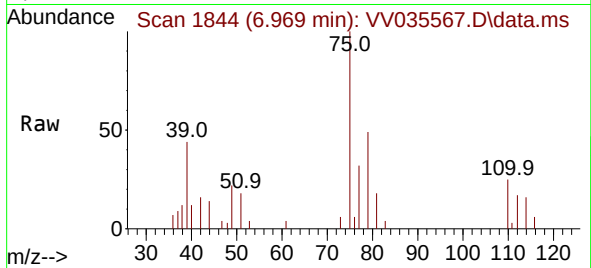
77 31.7 22.5 41.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024

Supervised By :Semsettin Yesilyurt 05/10/2024



#40

4-Methyl-2-pentanone

Concen: 2.232 ug/L m

RT: 7.175 min Scan# 1908

Delta R.T. 0.016 min

Lab File: VV035567.D

Acq: 09 May 2024 12:33

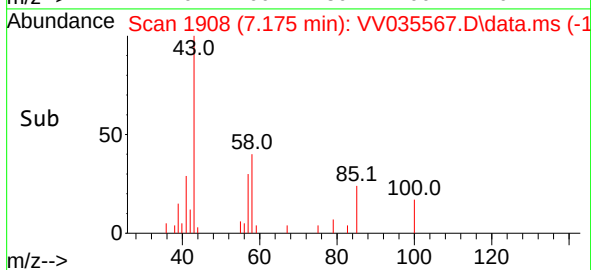
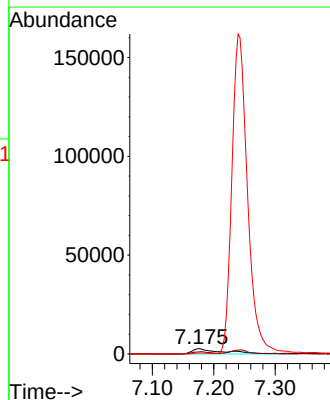
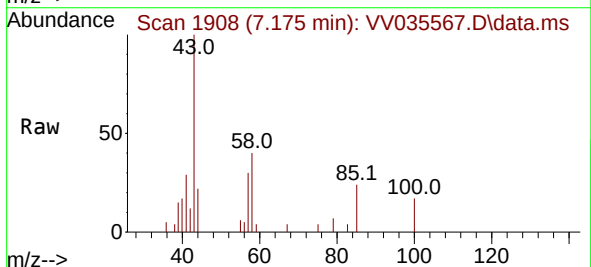
Tgt Ion: 43 Resp: 9529

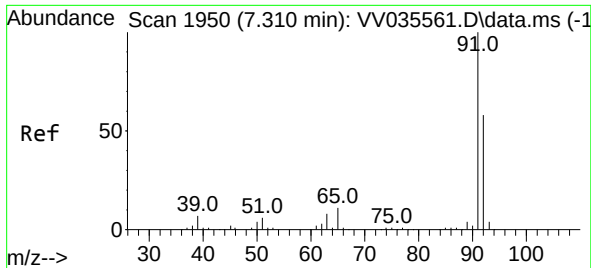
Ion Ratio Lower Upper

43 100

58 23.7 34.8 52.2#

100 9.4 13.9 20.9#





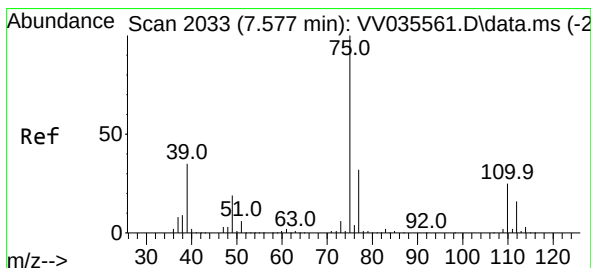
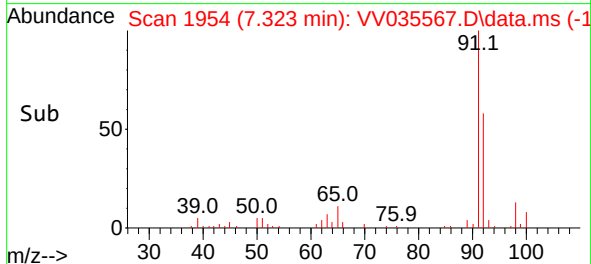
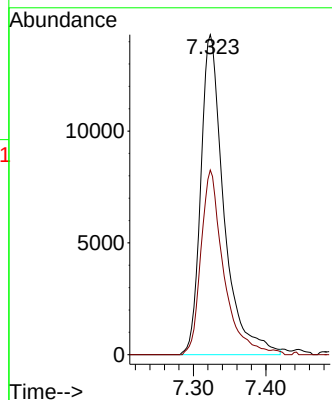
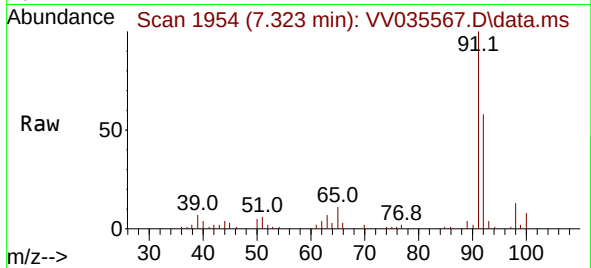
#42
Toluene
Concen: 1.095 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 91 Resp: 3166
Ion Ratio Lower Upper
91 100
92 57.7 40.2 74.6

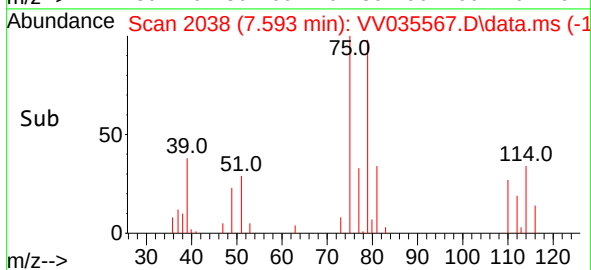
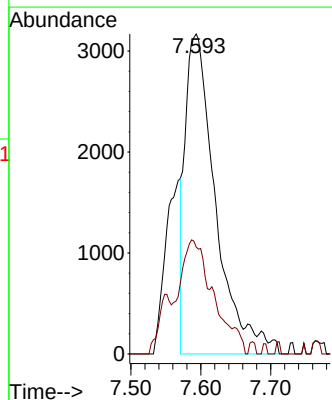
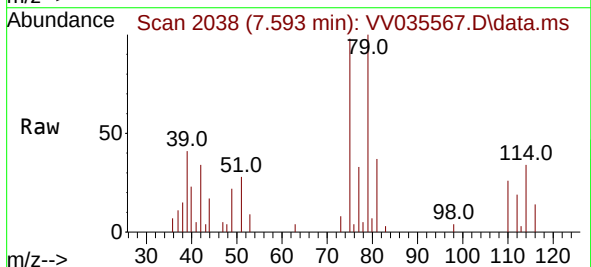
Manual Integrations
APPROVED

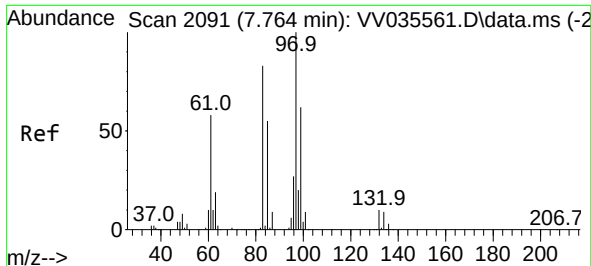
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#44
trans-1,3-Dichloropropene
Concen: 0.980 ug/L m
RT: 7.593 min Scan# 2038
Delta R.T. 0.016 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

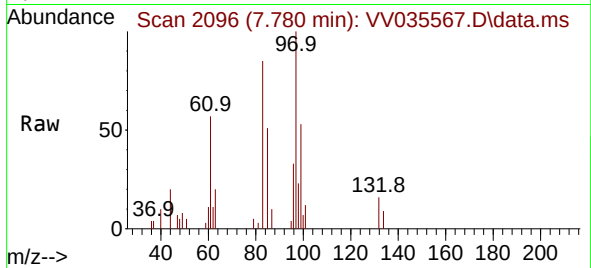
Tgt Ion: 75 Resp: 9556
Ion Ratio Lower Upper
75 100
77 33.4 22.4 41.6





#45
1,1,2-Trichloroethane
Concen: 0.993 ug/L
RT: 7.780 min Scan# 2091
Delta R.T. 0.016 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

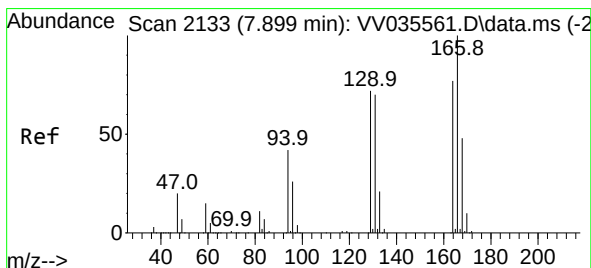
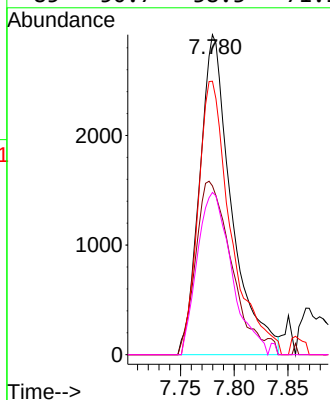
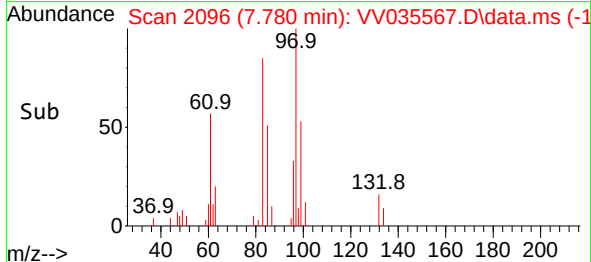
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion	Ratio	Lower	Upper
97	100		
99	52.7	43.3	80.3
83	85.4	60.3	111.9
85	50.7	38.3	71.1

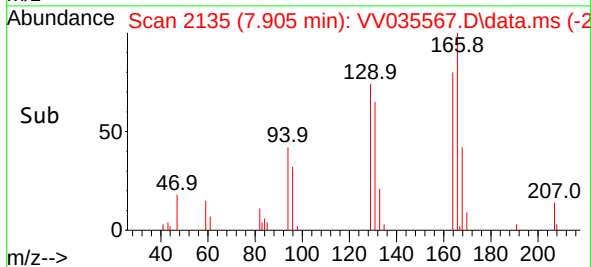
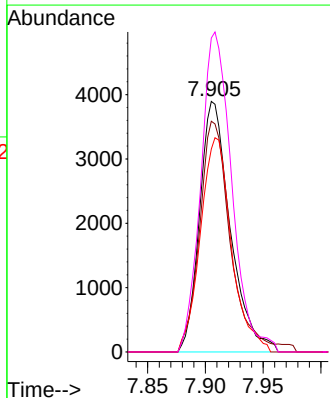
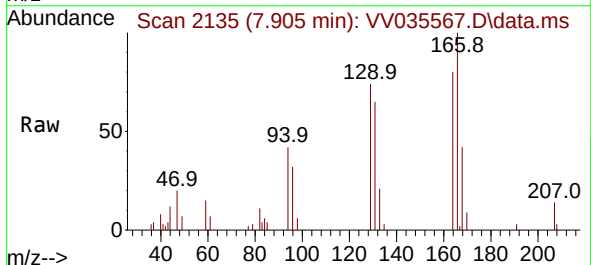
Manual Integrations
APPROVED

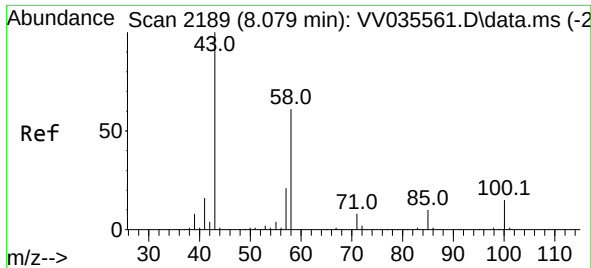
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#46
Tetrachloroethene
Concen: 1.147 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

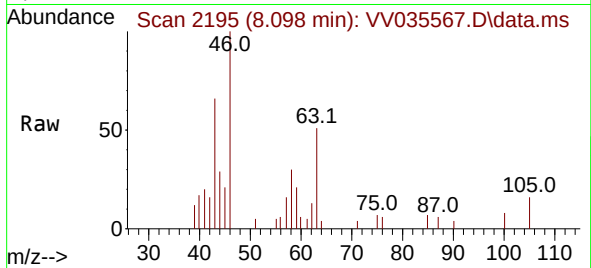
Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.1	63.4	117.8
131	81.0	61.0	113.4
166	125.2	88.8	164.8





#48
2-Hexanone
Concen: 2.380 ug/L m
RT: 8.098 min Scan# 2189
Delta R.T. 0.019 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

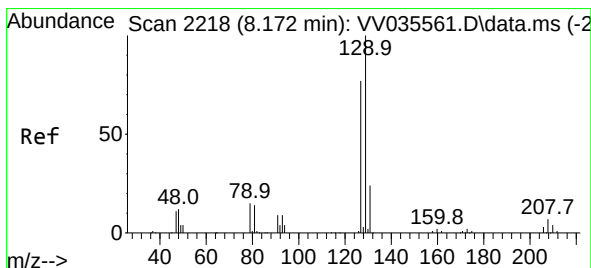
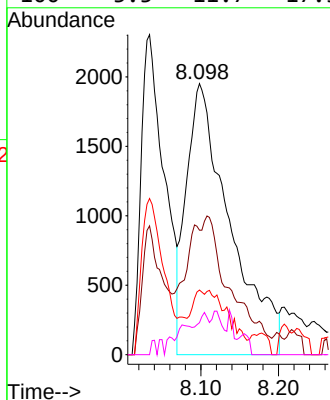
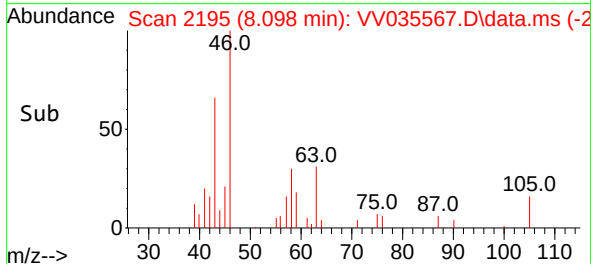
Instrument :
MSVOA_V
ClientSampleId :
MDL07



Tgt Ion: 43 Resp: 7620
Ion Ratio Lower Upper
43 100
58 4.4 48.8 73.2
57 2.5 16.9 25.3
100 3.3 11.7 17.5

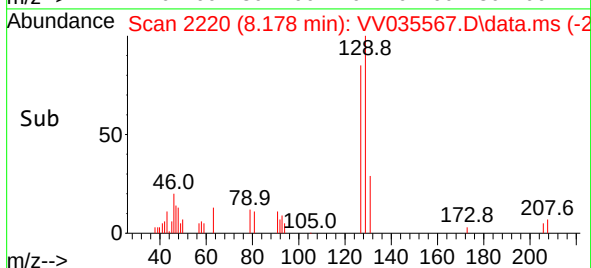
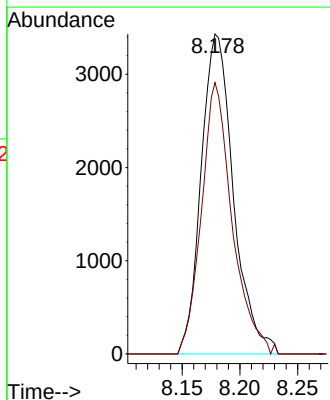
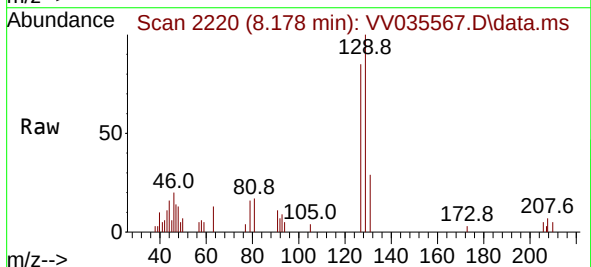
Manual Integrations
APPROVED

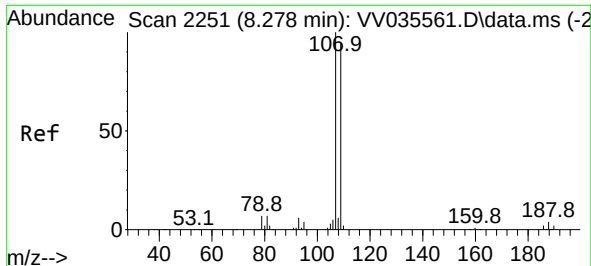
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#49
Dibromochloromethane
Concen: 0.976 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.006 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

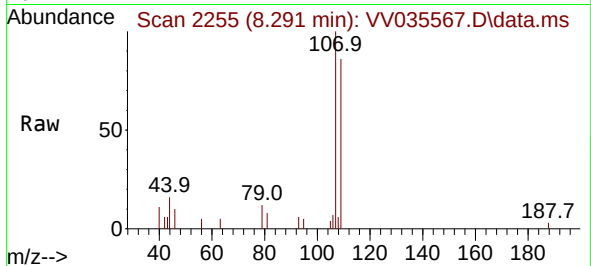
Tgt Ion:129 Resp: 6672
Ion Ratio Lower Upper
129 100
127 84.8 53.8 99.8





#50
1,2-Dibromoethane
Concen: 1.003 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

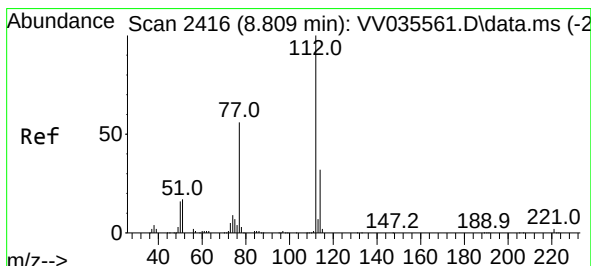
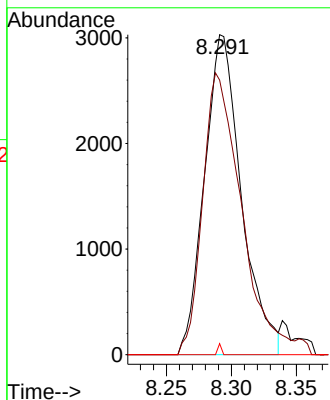
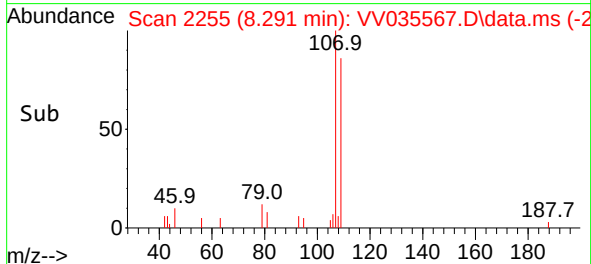
Instrument :
MSVOA_V
ClientSampleId :
MDL07



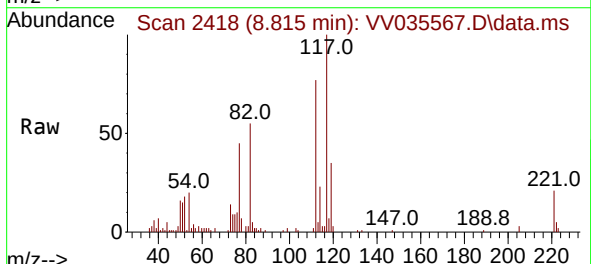
Tgt Ion:107 Resp: 5984
Ion Ratio Lower Upper
107 100
109 85.8 65.4 121.4
188 3.4 2.9 4.3

Manual Integrations
APPROVED

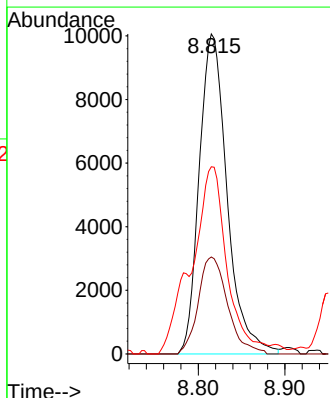
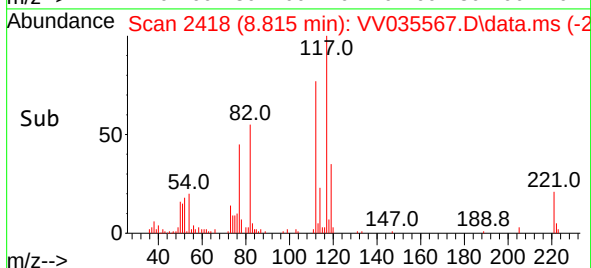
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

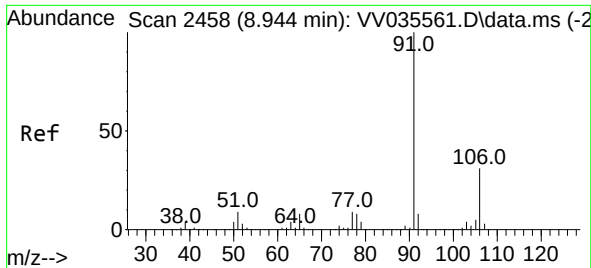


#51
Chlorobenzene
Concen: 1.121 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33



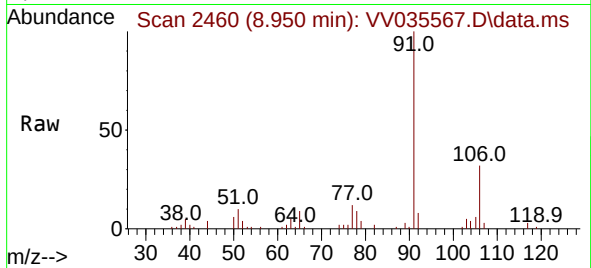
Tgt Ion:112 Resp: 22494
Ion Ratio Lower Upper
112 100
114 30.3 22.5 41.7
77 58.5 46.6 69.8





#52
Ethylbenzene
Concen: 0.933 ug/L
RT: 8.950 min Scan# 2458
Delta R.T. 0.006 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

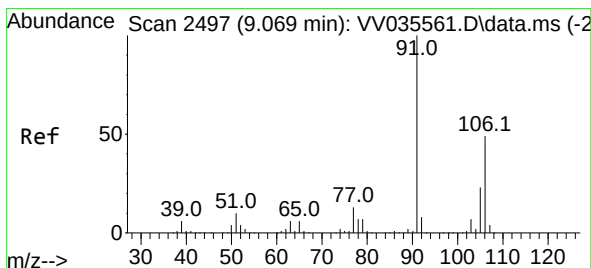
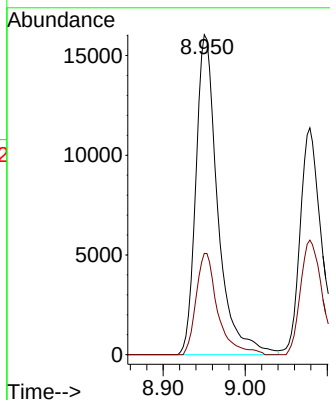
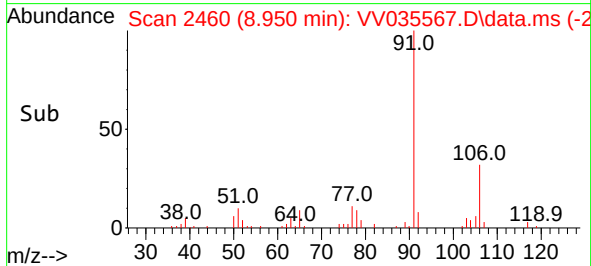
Instrument :
MSVOA_V
ClientSampleId :
MDL07



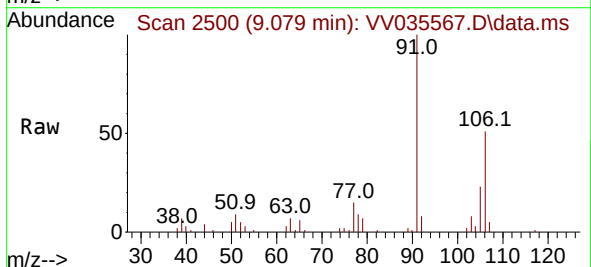
Tgt Ion: 91 Resp: 2978
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3

Manual Integrations
APPROVED

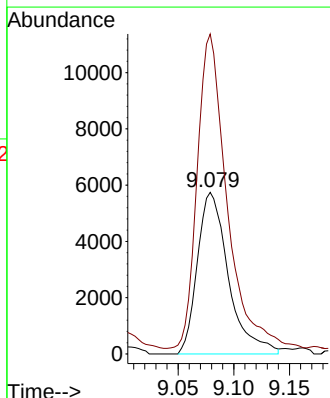
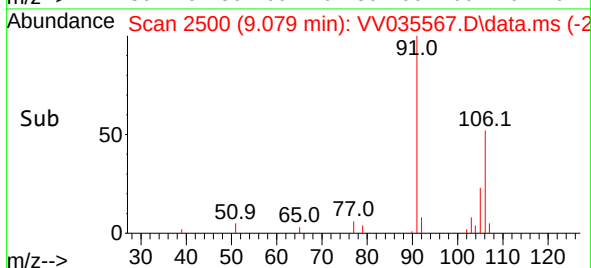
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

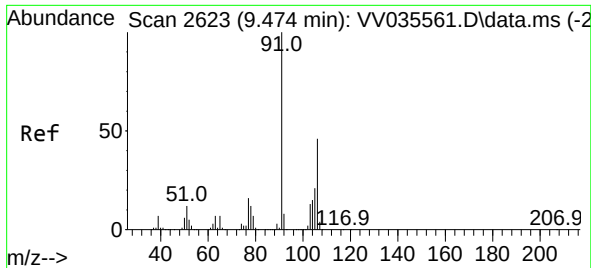


#53
m,p-Xylene
Concen: 0.923 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.010 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33



Tgt Ion:106 Resp: 11175
Ion Ratio Lower Upper
106 100
91 198.0 142.7 264.9





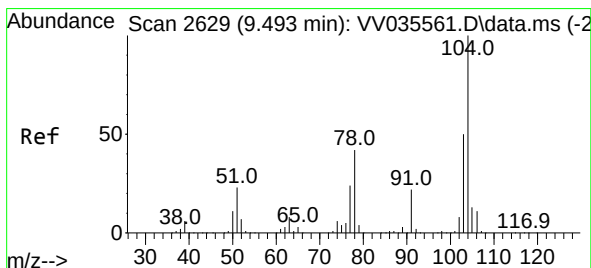
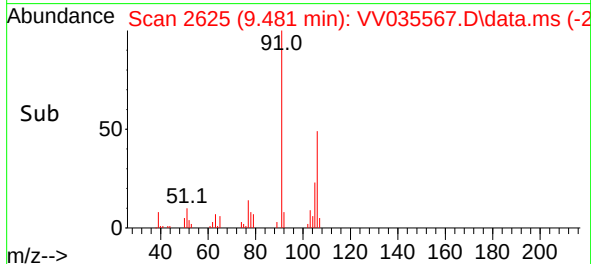
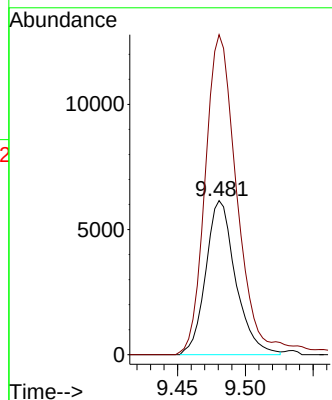
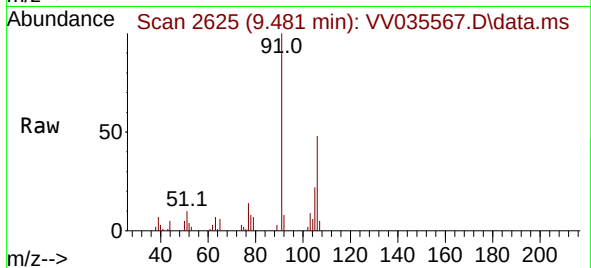
#54
o-Xylene
Concen: 0.821 ug/L
RT: 9.481 min Scan# 2624
Delta R.T. 0.006 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:106 Resp: 9424
Ion Ratio Lower Upper
106 100
91 207.6 150.9 280.3

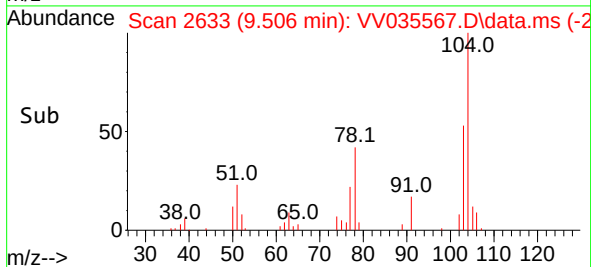
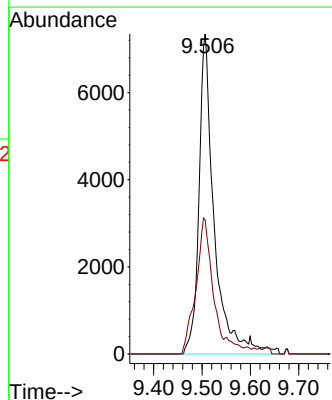
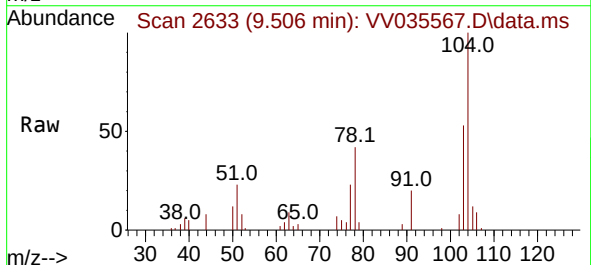
Manual Integrations
APPROVED

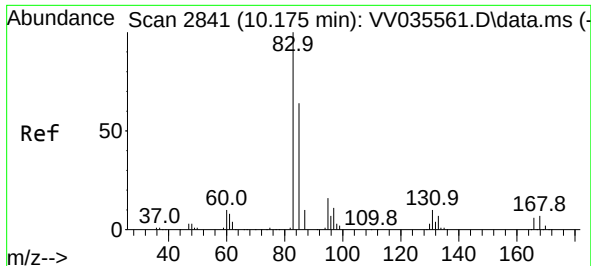
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#55
Styrene
Concen: 0.803 ug/L m
RT: 9.506 min Scan# 2633
Delta R.T. 0.013 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Tgt Ion:104 Resp: 16084
Ion Ratio Lower Upper
104 100
78 41.9 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.962 ug/L

RT: 10.178 min Scan# 2841

Delta R.T. 0.003 min

Lab File: VV035567.D

Acq: 09 May 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

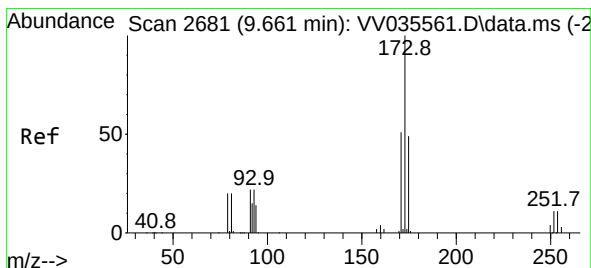
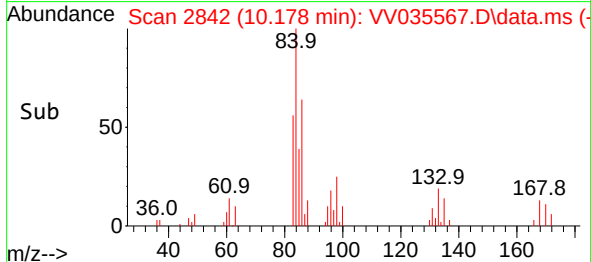
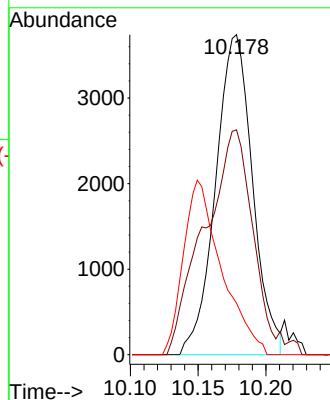
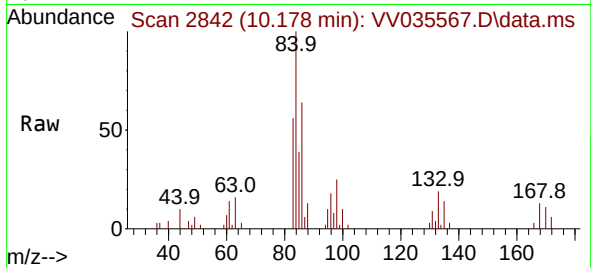
MDL07

Tgt Ion: 83	Resp: 7099
Ion Ratio	Lower Upper
83 100	
85 70.2	44.7 83.1
131 16.1	8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#59

Bromoform

Concen: 0.966 ug/L

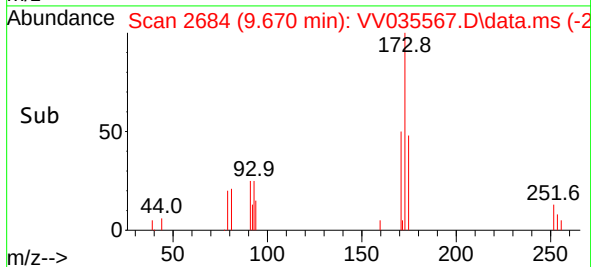
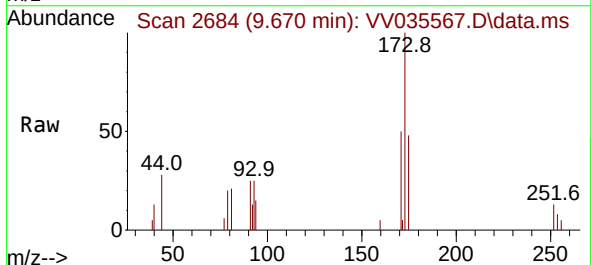
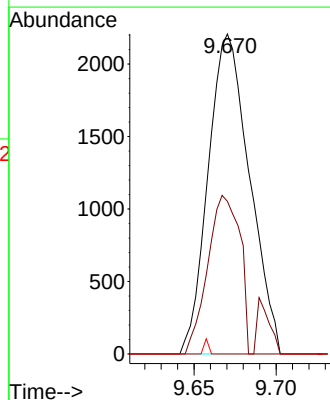
RT: 9.670 min Scan# 2684

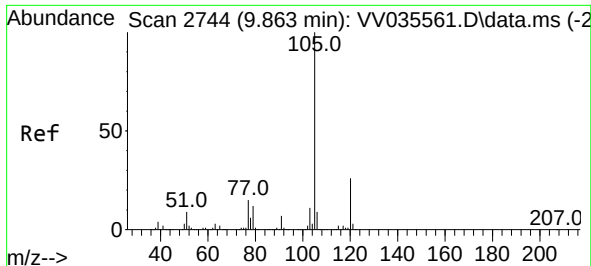
Delta R.T. 0.010 min

Lab File: VV035567.D

Acq: 09 May 2024 12:33

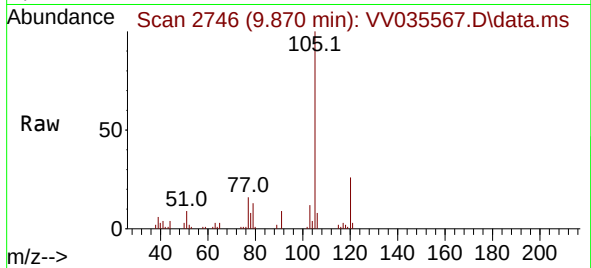
Tgt Ion:173	Resp: 3862
Ion Ratio	Lower Upper
173 100	
175 38.7	38.7 58.1#
254 0.0	8.3 12.5#





#60
Isopropylbenzene
Concen: 0.943 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

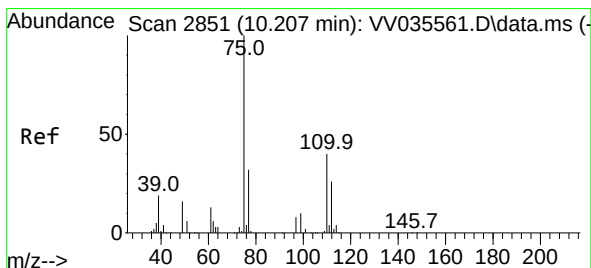
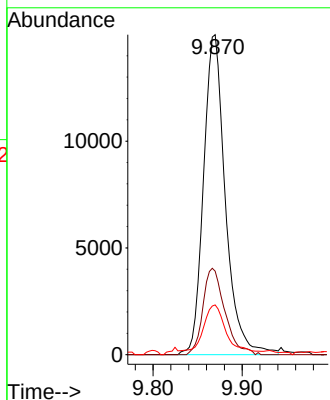
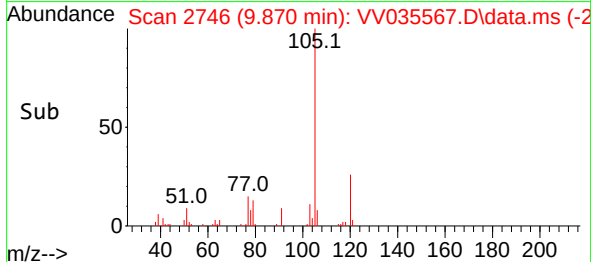
Instrument :
MSVOA_V
ClientSampleId :
MDL07



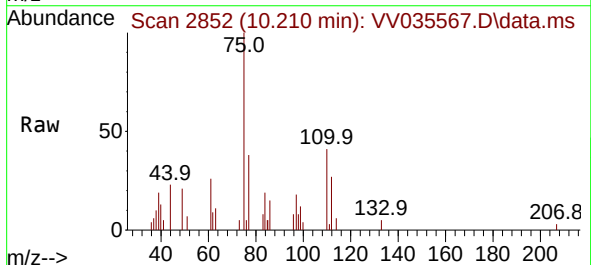
Tgt Ion: 105 Resp: 2555
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.7 12.2 18.2

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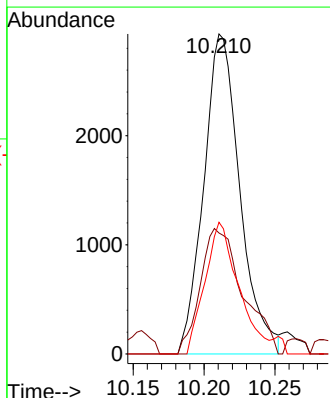
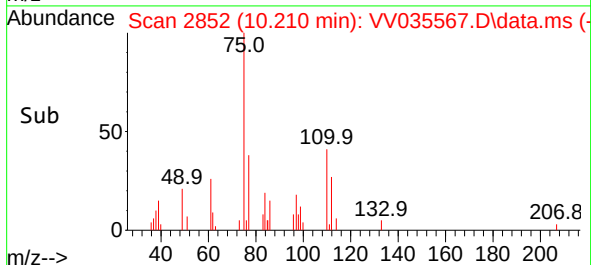
Reviewed By : Mahesh Dadoda 05/10/2024
Supervised By : Semsettin Yesilyurt 05/10/2024

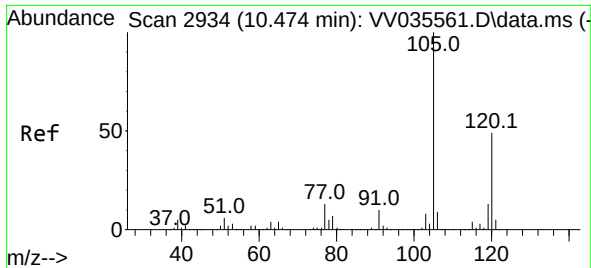


#61
1,2,3-Trichloropropane
Concen: 1.091 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33



Tgt Ion: 75 Resp: 5201
Ion Ratio Lower Upper
75 100
77 46.2 25.7 38.5#
110 38.4 31.8 47.8





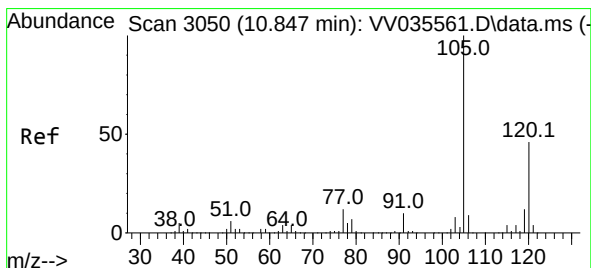
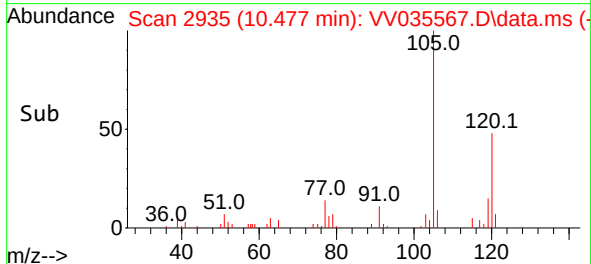
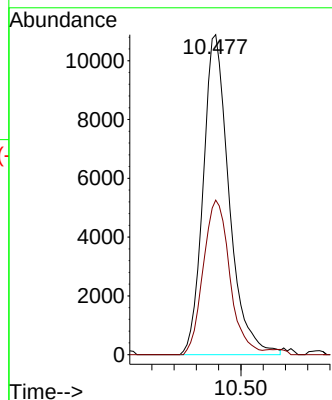
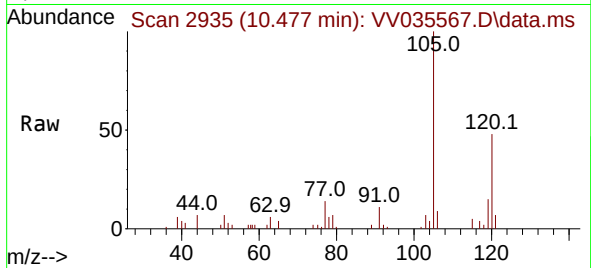
#62
1,3,5-Trimethylbenzene
Concen: 0.827 ug/L
RT: 10.477 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:105 Resp: 17584
Ion Ratio Lower Upper
105 100
120 49.5 39.4 59.0

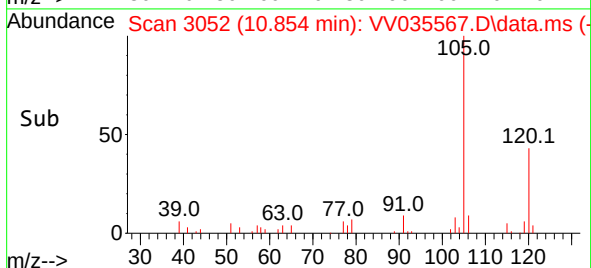
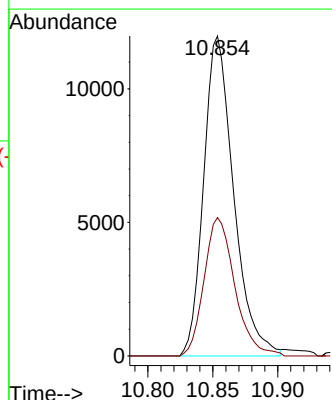
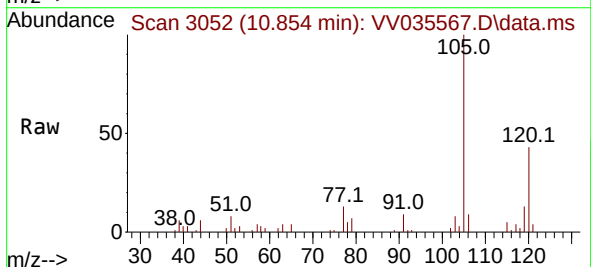
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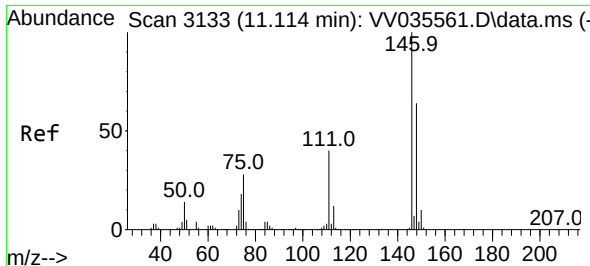
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#63
1,2,4-Trimethylbenzene
Concen: 0.882 ug/L
RT: 10.854 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

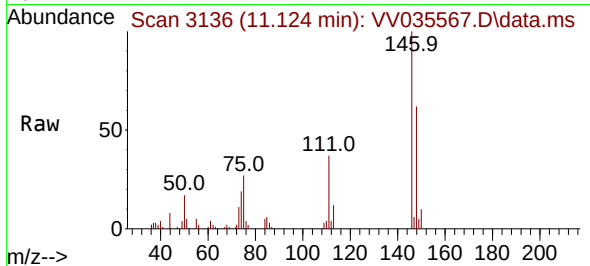
Tgt Ion:105 Resp: 19262
Ion Ratio Lower Upper
105 100
120 44.2 36.6 55.0





#64
1,3-Dichlorobenzene
Concen: 1.016 ug/L
RT: 11.124 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

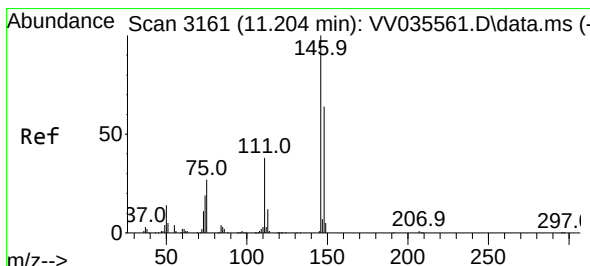
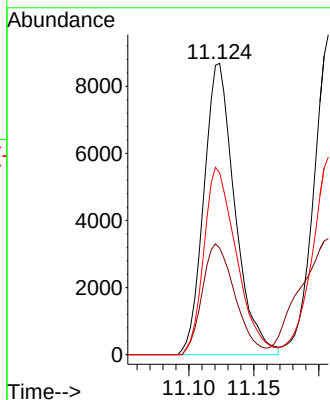
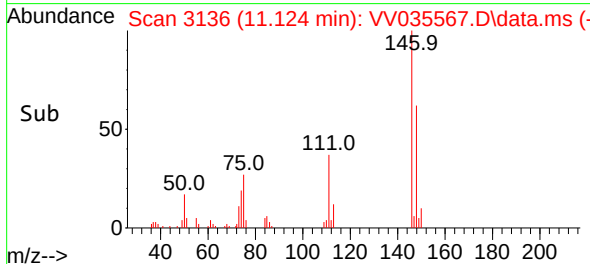
Instrument :
MSVOA_V
ClientSampleId :
MDL07



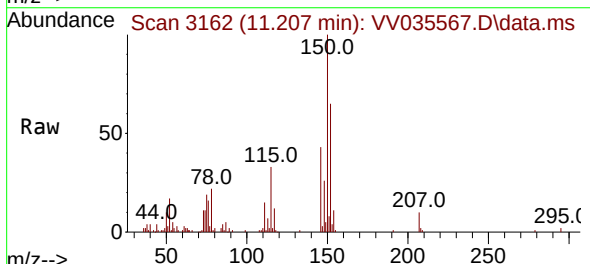
Tgt Ion:146 Resp: 14459
Ion Ratio Lower Upper
146 100
111 36.6 27.0 50.2
148 62.4 44.3 82.3

Manual Integrations
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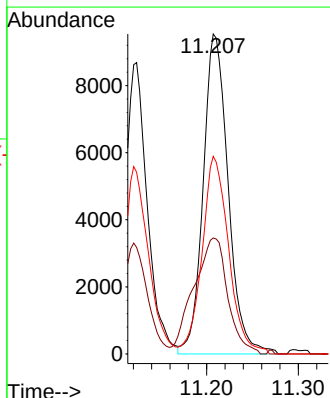
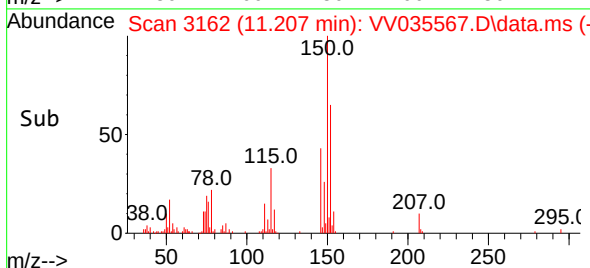
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

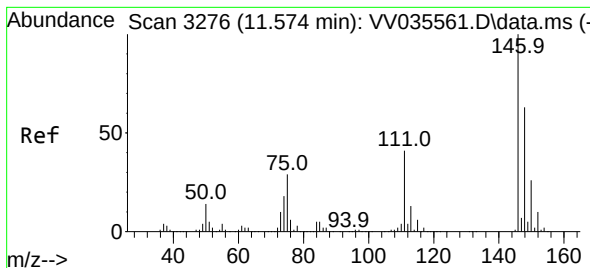


#65
1,4-Dichlorobenzene
Concen: 1.228 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33



Tgt Ion:146 Resp: 18081
Ion Ratio Lower Upper
146 100
111 36.2 26.2 48.6
148 61.7 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 1.177 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035567.D

Acq: 09 May 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion:146 Resp: 1576

Ion Ratio Lower Upper

146 100

111 47.8 32.6 48.8

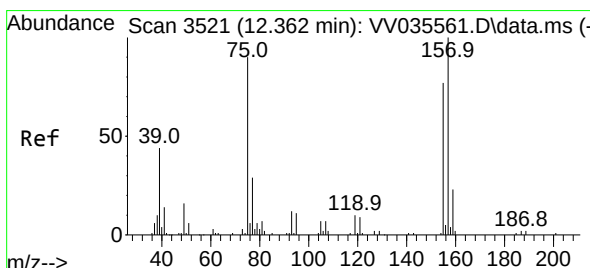
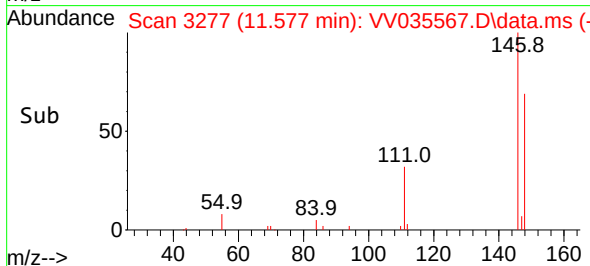
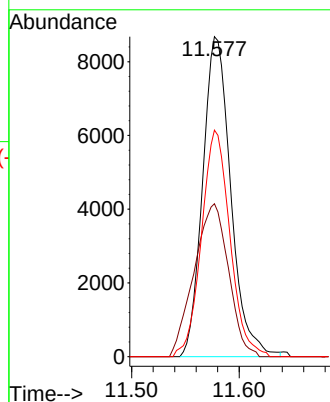
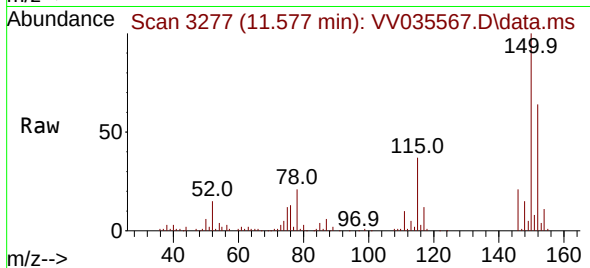
148 70.8 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024

Supervised By :Semsettin Yesilyurt 05/10/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 1.206 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.010 min

Lab File: VV035567.D

Acq: 09 May 2024 12:33

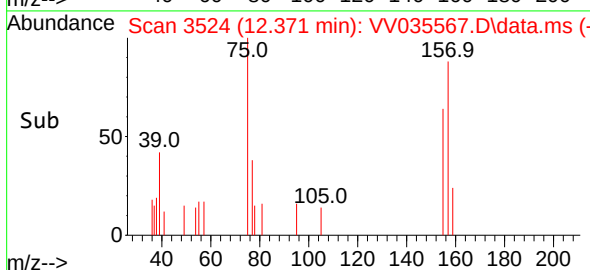
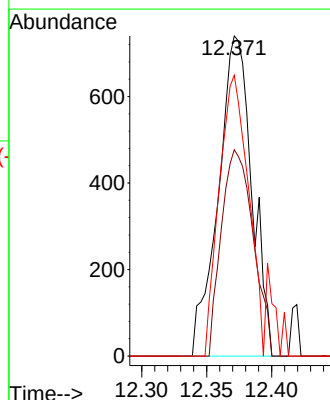
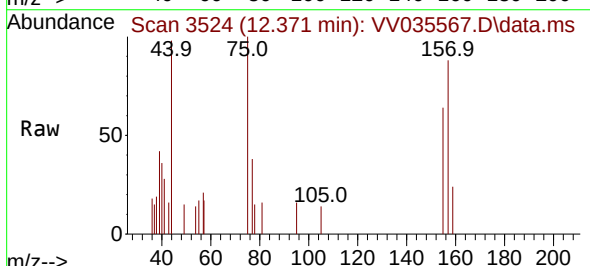
Tgt Ion: 75 Resp: 1334

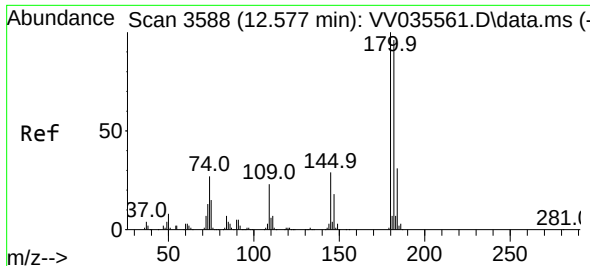
Ion Ratio Lower Upper

75 100

155 64.5 69.8 104.6#

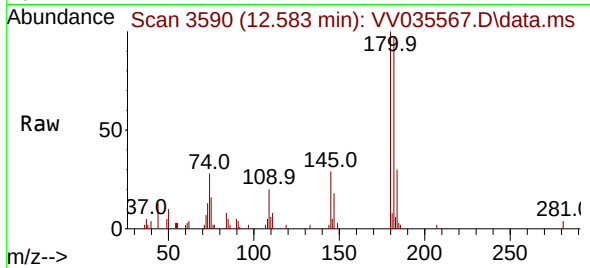
157 87.7 95.0 142.6#





#69
1,3,5-Trichlorobenzene
Concen: 1.053 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33

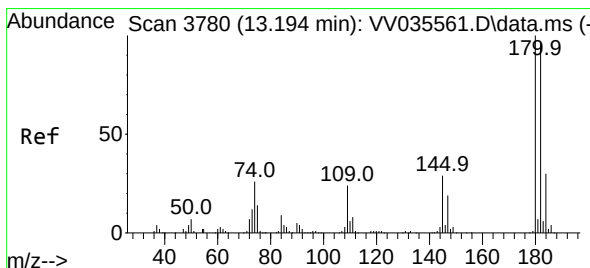
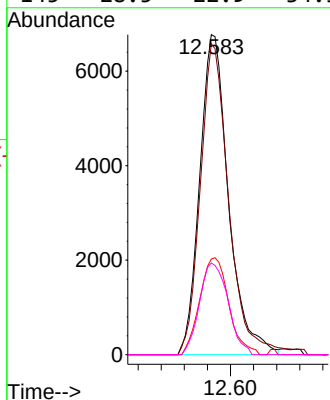
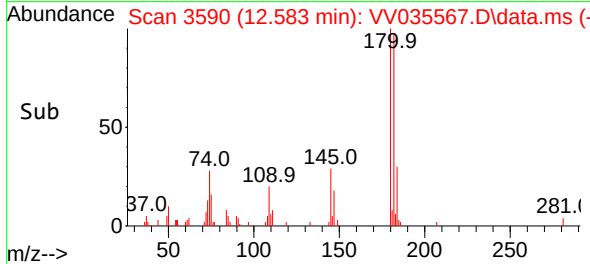
Instrument :
MSVOA_V
ClientSampleId :
MDL07



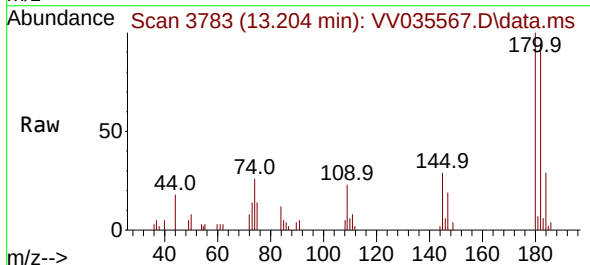
Tgt Ion:180 Resp: 1170
Ion Ratio Lower Upper
180 100
182 96.4 76.2 114.2
184 30.5 24.1 36.1
145 28.5 22.9 34.3

Manual Integrations
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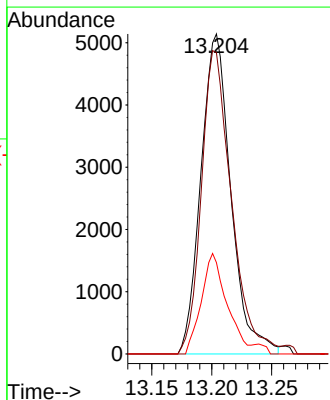
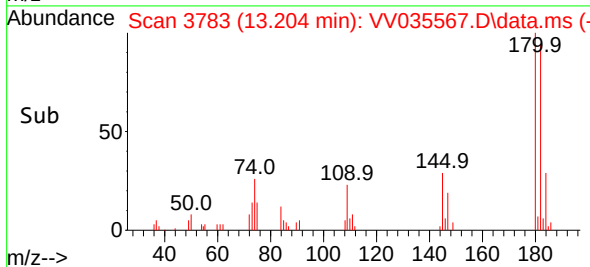
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

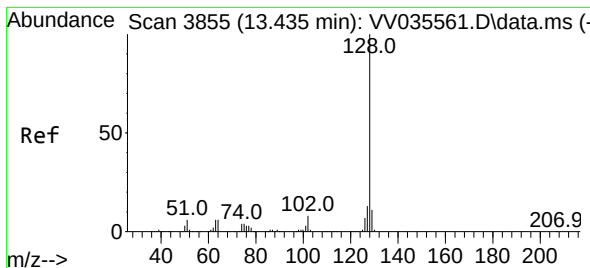


#70
1,2,4-trichlorobenzene
Concen: 0.962 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.010 min
Lab File: VV035567.D
Acq: 09 May 2024 12:33



Tgt Ion:180 Resp: 8933
Ion Ratio Lower Upper
180 100
182 95.1 76.6 114.8
145 26.6 23.2 34.8





#71

Naphthalene

Concen: 0.821 ug/L m

RT: 13.445 min Scan# 3858

Delta R.T. 0.010 min

Lab File: VV035567.D

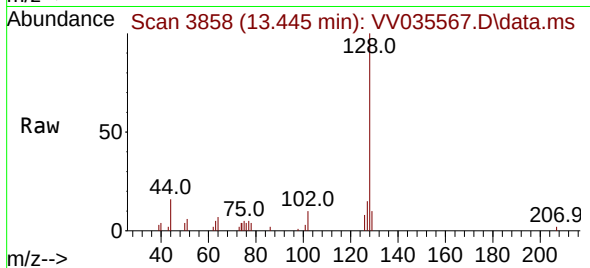
Acq: 09 May 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

MDL07



Tgt Ion:128 Resp: 13379

Ion Ratio Lower Upper

128 100

127 15.8 10.4 15.6

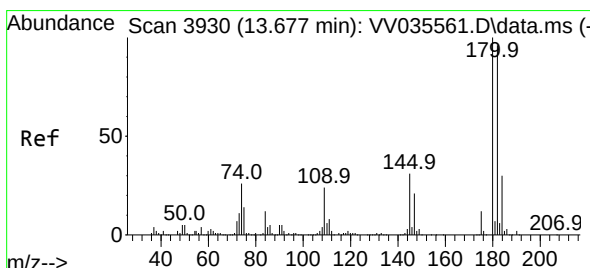
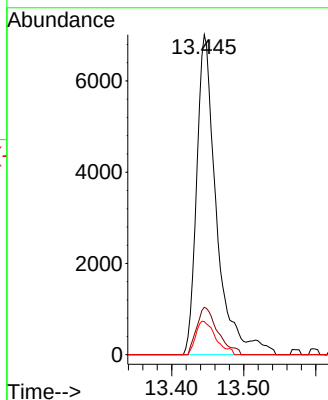
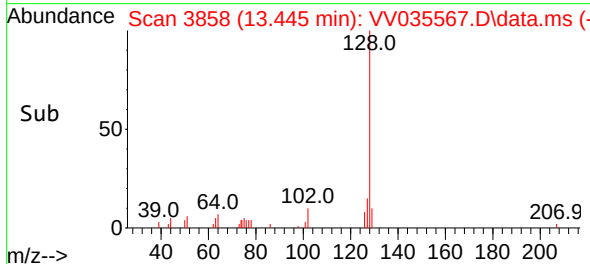
129 10.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024

Supervised By :Semsettin Yesilyurt 05/10/2024



#72

1,2,3-Trichlorobenzene

Concen: 0.904 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035567.D

Acq: 09 May 2024 12:33

Tgt Ion:180 Resp: 7550

Ion Ratio Lower Upper

180 100

182 96.9 75.8 113.6

145 37.4 25.2 37.8

