

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075972.D
 Acq On : 02 May 2023 19:01
 Operator : KP/SY
 Sample : 02564-18MS
 Misc : 5.73G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/03/2023
 Supervised By :Mahesh Dadoda 05/03/2023

Quant Time: May 03 02:51:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	122847	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	128021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	64059	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	60299	22.375	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.480%		
7) Chloroethane-d5	2.799	69	55408	23.796	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.200%		
11) 1,1-Dichloroethene-d2	3.911	65	13329	21.453	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.800%		
21) 2-Butanone-d5	6.981	46	28126	120.220	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	240.440%#		
24) Chloroform-d	7.569	84	82701	26.921	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	107.680%		
26) 1,2-Dichloroethane-d4	8.228	65	43722	33.328	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	133.320%#		
32) Benzene-d6	8.204	84	157550	21.115	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.440%		
36) 1,2-Dichloropropane-d6	9.210	67	50169	24.291	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.160%		
41) Toluene-d8	10.269	98	145878	20.883	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.520%		
43) trans-1,3-Dichloroprop...	10.528	79	23319	27.316	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	109.280%		
47) 2-Hexanone-d5	10.875	63	22949	92.285	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	184.560%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	65605	41.511	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	166.040%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	53052	23.414	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	41789	24.676	ug/L	99
3) Chloromethane	2.146	50	75545	31.999	ug/L	100
5) Vinyl chloride	2.281	62	79850	25.879	ug/L	99
6) Bromomethane	2.687	94	44309	21.371	ug/L	99
8) Chloroethane	2.834	64	54788	27.456	ug/L	100
9) Trichlorofluoromethane	3.175	101	60269	24.310	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	40755	24.470	ug/L #	57
12) 1,1-Dichloroethene	3.940	96	37152	23.001	ug/L #	80
13) Acetone	4.022	43	54794	273.680	ug/L	98
14) Carbon disulfide	4.263	76	136299	24.159	ug/L	98
15) Methyl Acetate	4.569	43	26639	61.394	ug/L #	62
16) Methylene chloride	4.799	84	64551	25.902	ug/L	90
17) trans-1,2-Dichloroethene	5.310	96	44608	24.629	ug/L	95
18) Methyl tert-butyl Ether	5.310	73	100975m	34.756	ug/L	
19) 1,1-Dichloroethane	6.105	63	78145	29.452	ug/L	96
20) cis-1,2-Dichloroethene	7.069	96	52401m	27.362	ug/L	
22) 2-Butanone	7.081	43	37140	142.292	ug/L	92
23) Bromochloromethane	7.428	128	31286	35.225	ug/L #	89
25) Chloroform	7.593	83	87022	29.264	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	58309	37.988	ug/L	100
29) Cyclohexane	7.875	56	40524	18.491	ug/L #	89
30) 1,1,1-Trichloroethane	7.793	97	62580	23.104	ug/L	99
31) Carbon tetrachloride	7.993	117	46086	21.208	ug/L	97
33) Benzene	8.251	78	183742	23.728	ug/L	100
34) Trichloroethene	9.028	95	44144	22.043	ug/L	96
35) Methylcyclohexane	9.275	83	51846	16.792	ug/L	95
37) 1,2-Dichloropropane	9.304	63	51699	29.064	ug/L	97
38) Bromodichloromethane	9.587	83	67392	28.098	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	73415	25.951	ug/L	93
40) 4-Methyl-2-pentanone	10.163	43	63907	98.538	ug/L	93
42) Toluene	10.334	91	202334	24.145	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	69798	30.713	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	51687	34.155	ug/L	95
46) Tetrachloroethene	10.816	164	39208	23.870	ug/L	94
48) 2-Hexanone	10.922	43	47421	103.717	ug/L	93
49) Dibromochloromethane	11.075	129	52748	32.018	ug/L	99
50) 1,2-Dibromoethane	11.181	107	51317	37.613	ug/L	90
51) Chlorobenzene	11.610	112	135304	24.680	ug/L	96
52) Ethylbenzene	11.687	91	183984	21.410	ug/L	97
53) m,p-Xylene	11.792	106	76780	22.439	ug/L	94
54) o-Xylene	12.122	106	75134	23.118	ug/L	96
55) Styrene	12.140	104	141199	24.962	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	67970	44.143	ug/L #	96
59) Bromoform	12.298	173	36813	37.497	ug/L	99
60) Isopropylbenzene	12.422	105	173981	20.483	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	45533	45.248	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	124836	19.709	ug/L	95
63) 1,2,4-Trimethylbenzene	13.216	105	125060	20.483	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	97909	24.091	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	104424	24.482	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	97063	26.744	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	10654	52.960	ug/L	87
69) 1,3,5-Trichlorobenzene	14.598	180	55392	20.334	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	46359	20.536	ug/L	99
71) Naphthalene	15.333	128	128174	31.026	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	47586	23.615	ug/L	98

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

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Reviewed By :Krupa Patel 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023

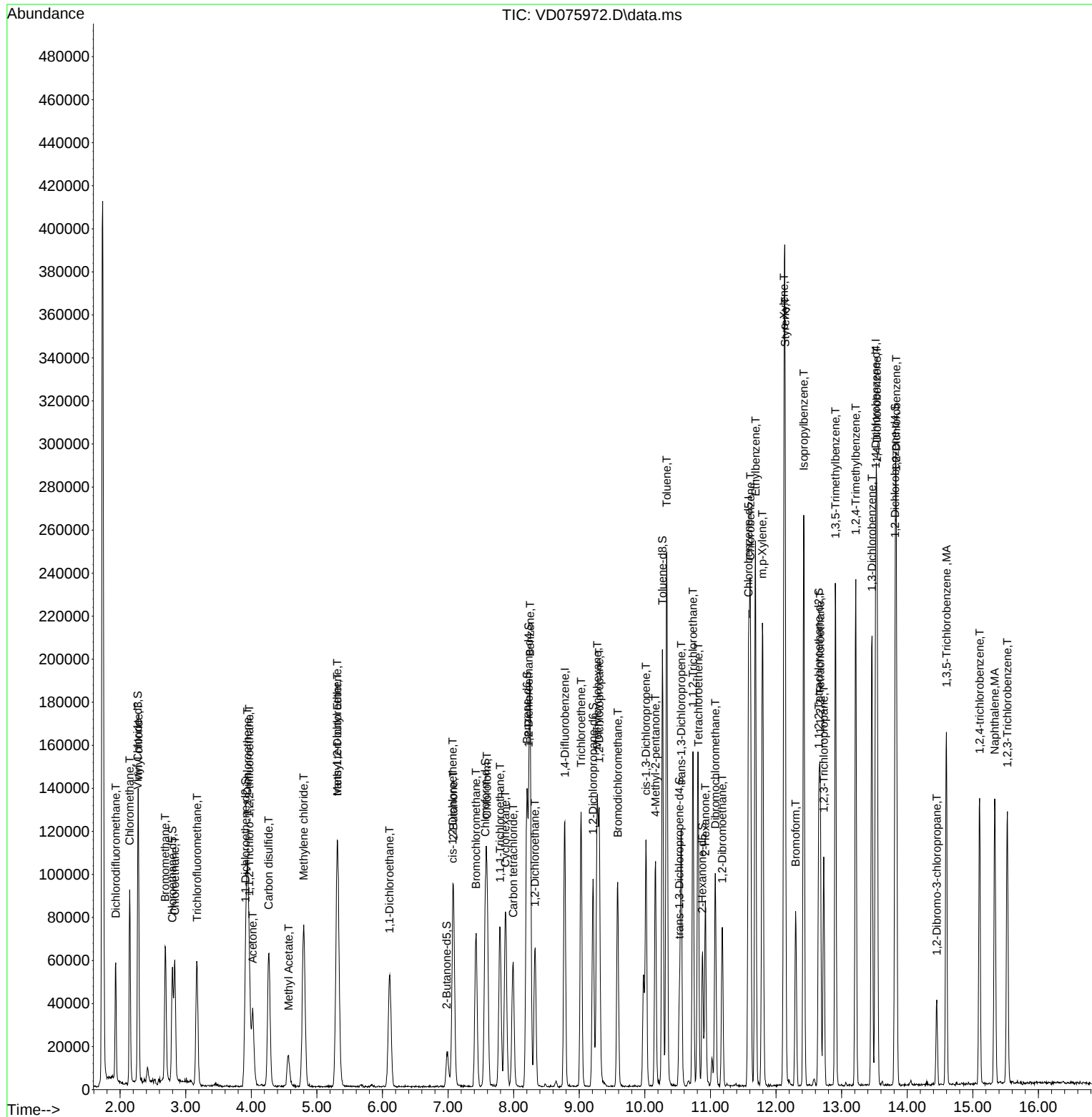
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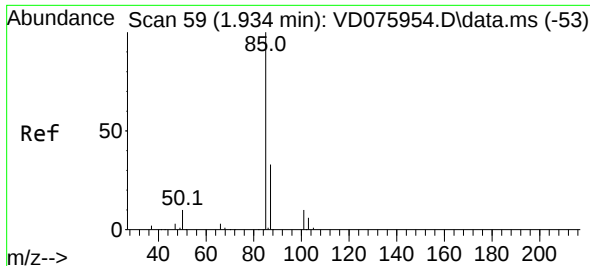
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M

Quant Title : SFAM01.0

QLast Update : Wed May 03 02:37:35 2023

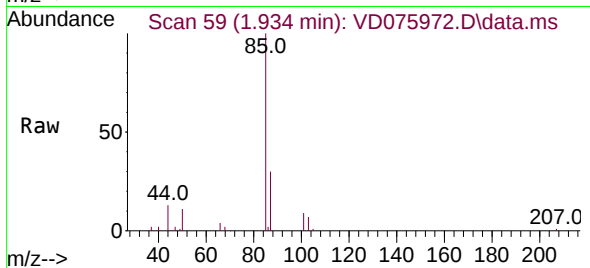
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 24.676 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

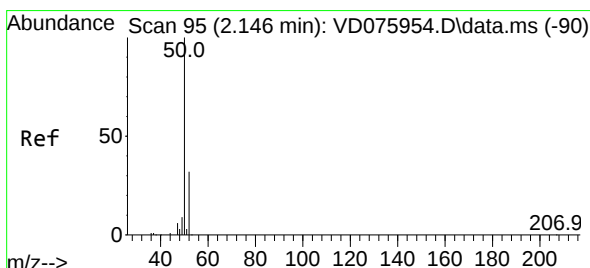
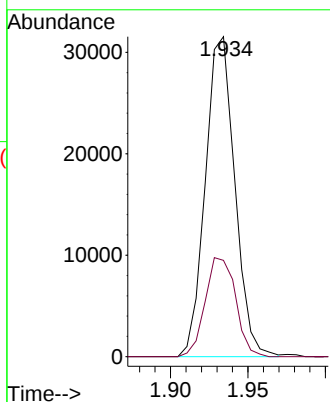
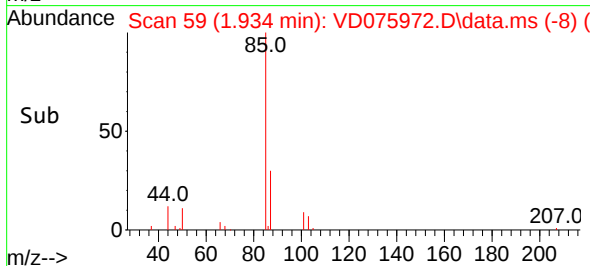
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



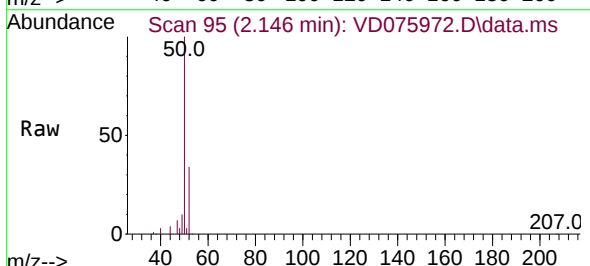
Tgt Ion: 85 Resp: 41789
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.8

Manual Integrations
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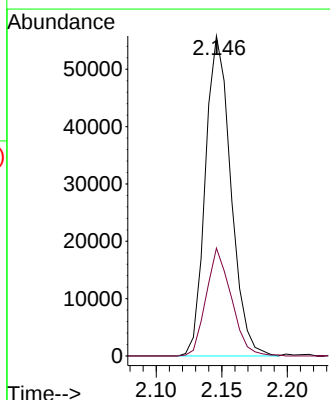
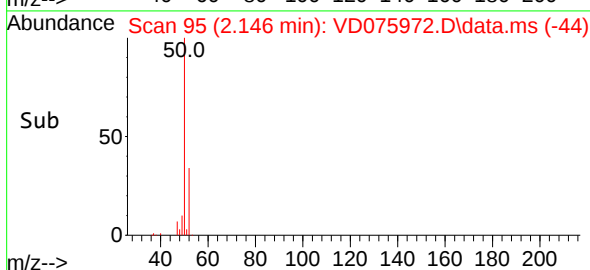
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

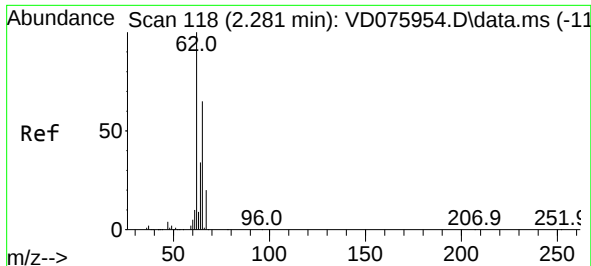


#3
Chloromethane
Concen: 31.999 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



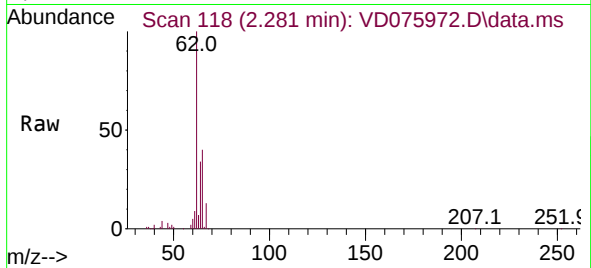
Tgt Ion: 50 Resp: 75545
Ion Ratio Lower Upper
50 100
52 33.7 23.7 44.1





#5
 Vinyl chloride
 Concen: 25.879 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075972.D
 Acq: 02 May 2023 19:01

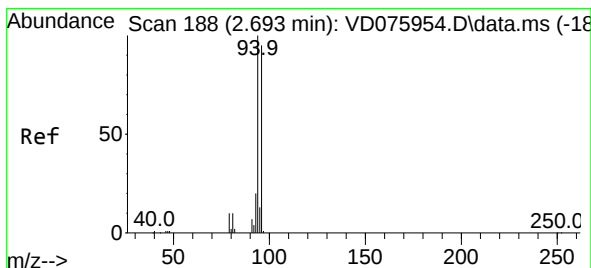
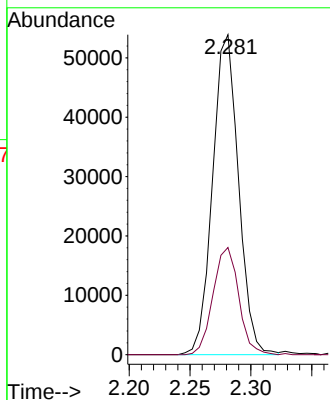
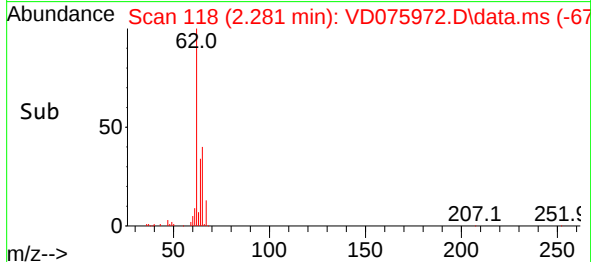
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MS



Tgt Ion: 62 Resp: 79850
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.0

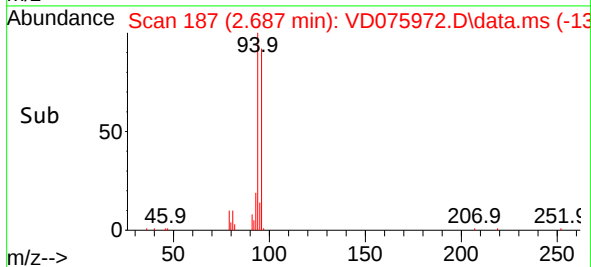
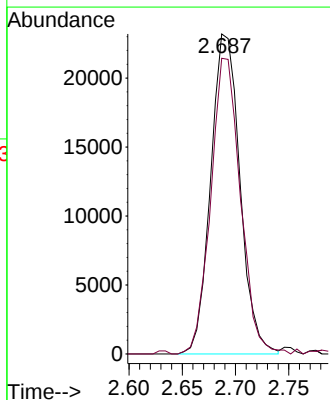
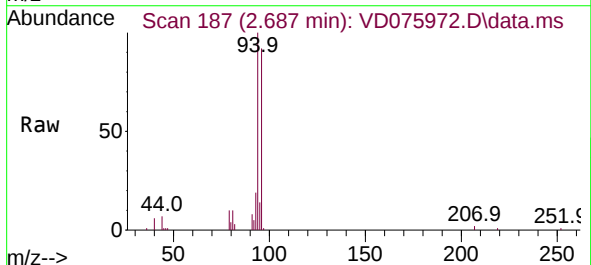
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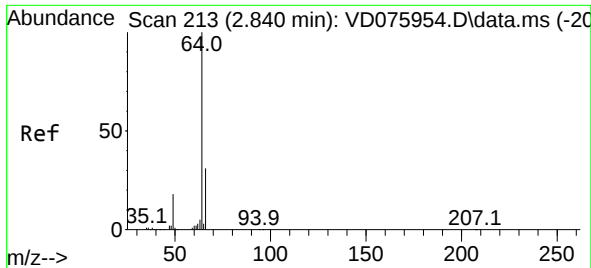
Reviewed By :Krupa Patel 05/03/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#6
 Bromomethane
 Concen: 21.371 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD075972.D
 Acq: 02 May 2023 19:01

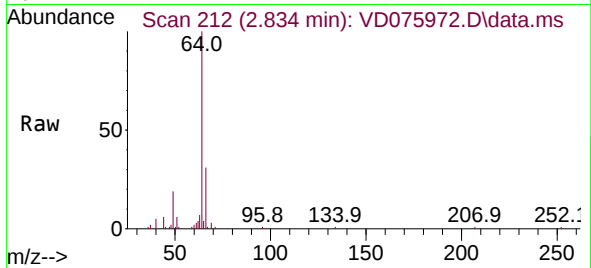
Tgt Ion: 94 Resp: 44309
 Ion Ratio Lower Upper
 94 100
 96 92.4 65.7 121.9





#8
Chloroethane
Concen: 27.456 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

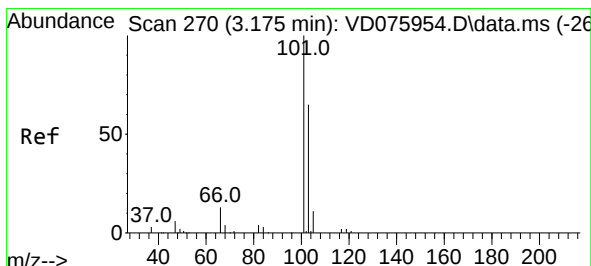
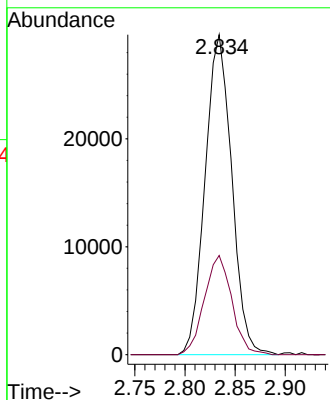
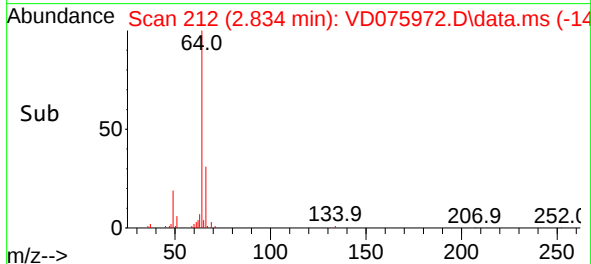
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



Tgt Ion: 64 Resp: 5478
Ion Ratio Lower Upper
64 100
66 31.0 21.8 40.4

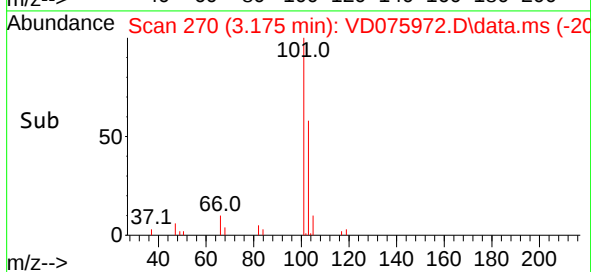
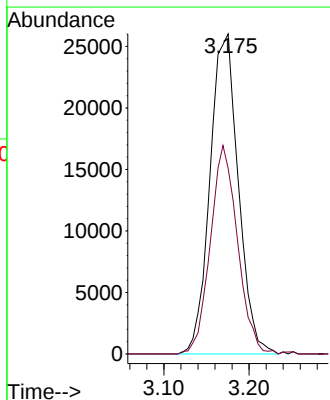
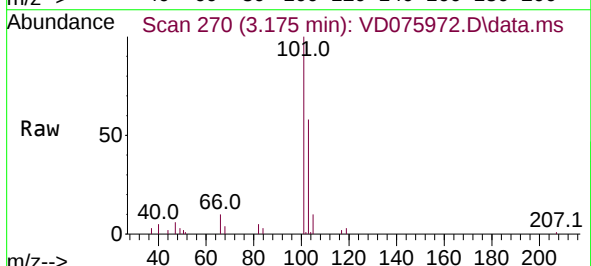
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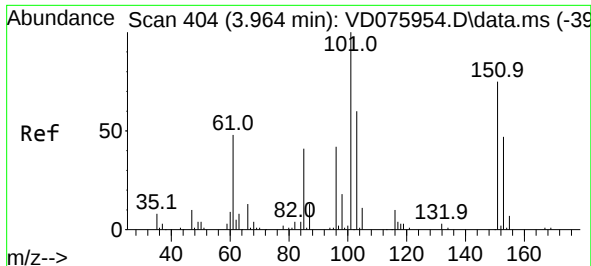
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#9
Trichlorofluoromethane
Concen: 24.310 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion:101 Resp: 60269
Ion Ratio Lower Upper
101 100
103 62.2 52.2 78.4





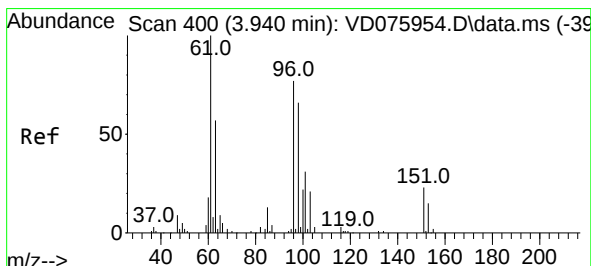
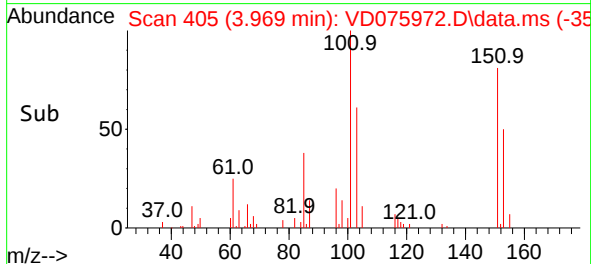
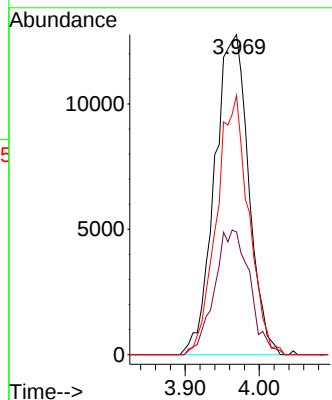
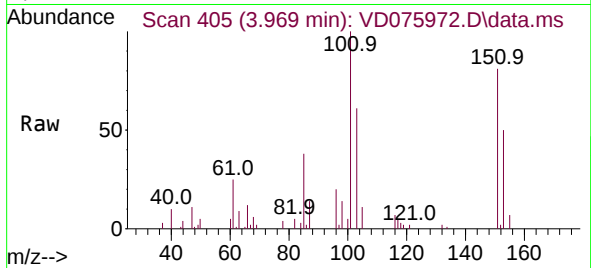
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.470 ug/L
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

Tgt Ion:101 Resp: 4075
Ion Ratio Lower Upper
101 100
85 18.0 32.9 49.3
151 33.0 57.2 85.8

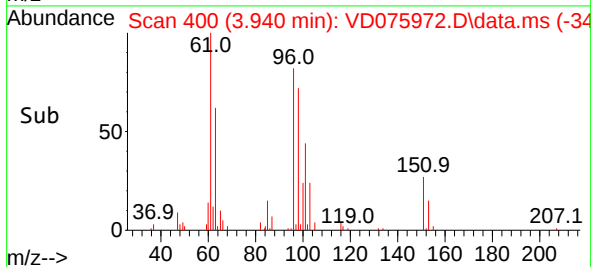
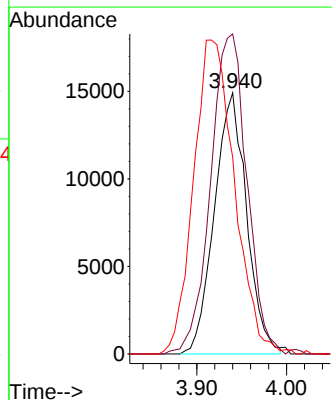
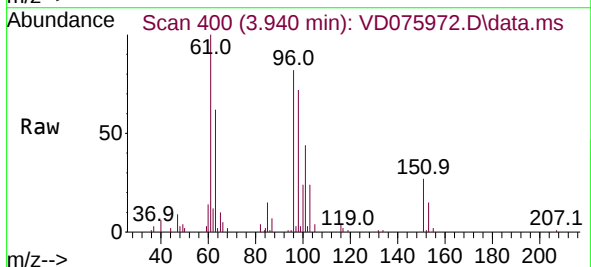
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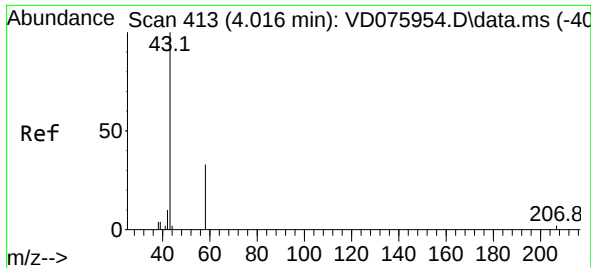
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#12
1,1-Dichloroethene
Concen: 23.001 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

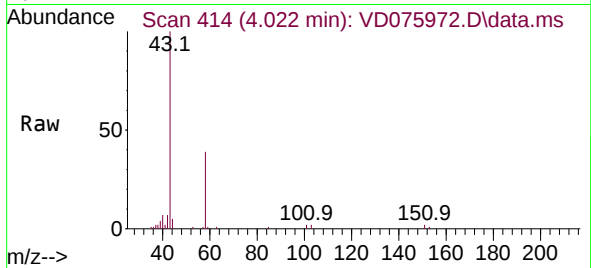
Tgt Ion: 96 Resp: 37152
Ion Ratio Lower Upper
96 100
61 122.5 92.6 172.0
63 75.5 77.4 143.8





#13
Acetone
Concen: 273.680 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD075972.D
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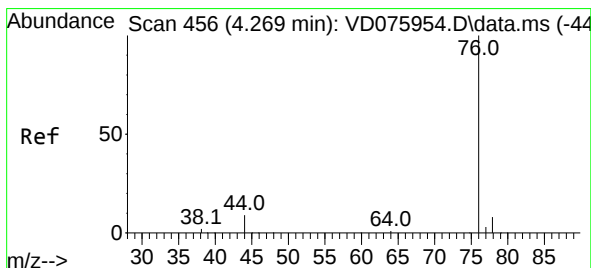
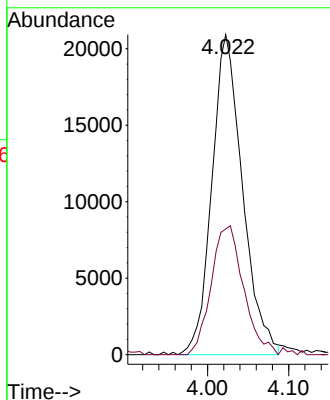
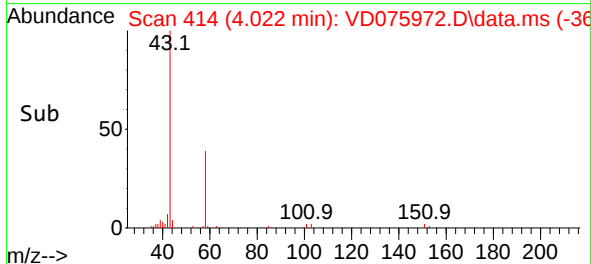
Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 54794
Ion Ratio Lower Upper
43 100
58 42.5 0.0 87.4

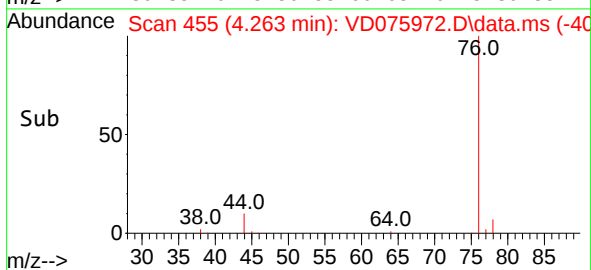
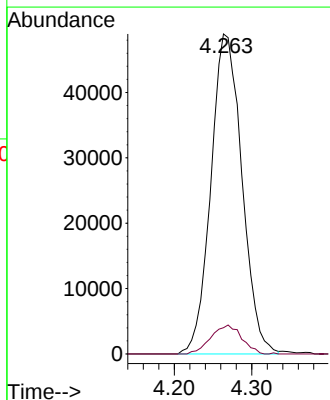
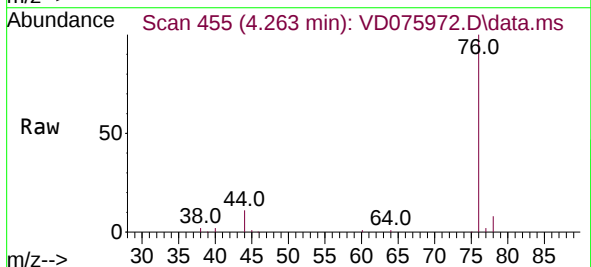
Manual Integrations
APPROVED

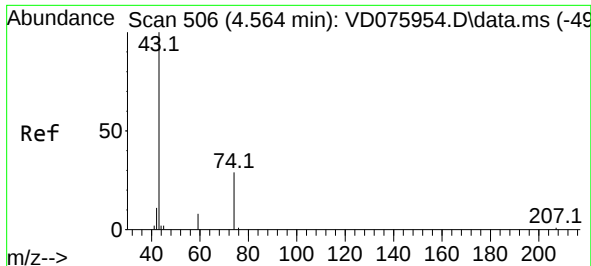
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#14
Carbon disulfide
Concen: 24.159 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 76 Resp: 136299
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6





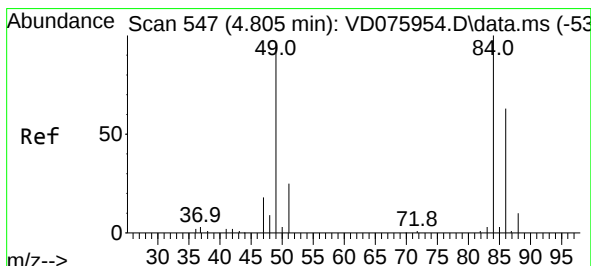
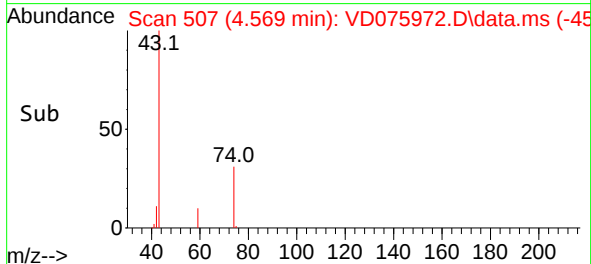
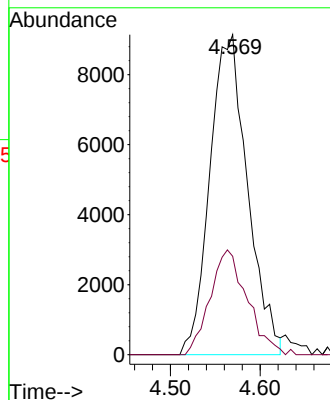
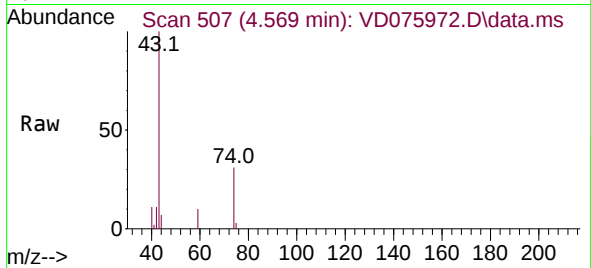
#15
Methyl Acetate
Concen: 61.394 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

Tgt Ion: 43 Resp: 26639
Ion Ratio Lower Upper
43 100
74 32.1 12.8 19.2

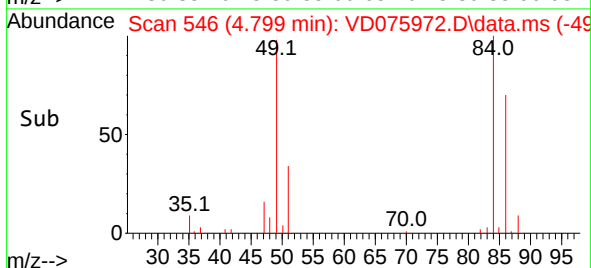
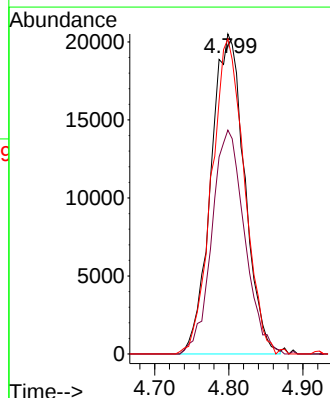
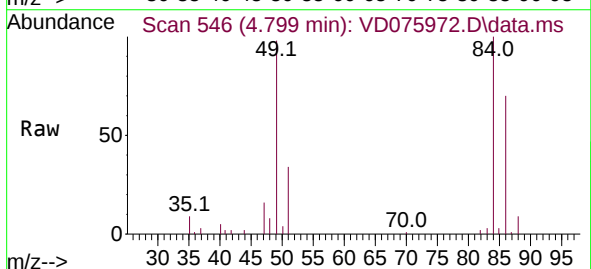
Manual Integrations
APPROVED

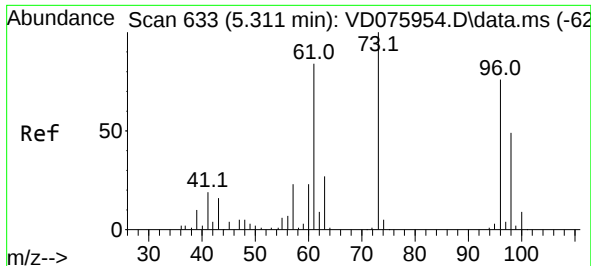
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#16
Methylene chloride
Concen: 25.902 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 84 Resp: 64551
Ion Ratio Lower Upper
84 100
86 70.0 45.8 85.2
49 98.4 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 24.629 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MS

Tgt Ion: 96 Resp: 44608

Ion Ratio Lower Upper

96 100

61 111.2 72.9 135.5

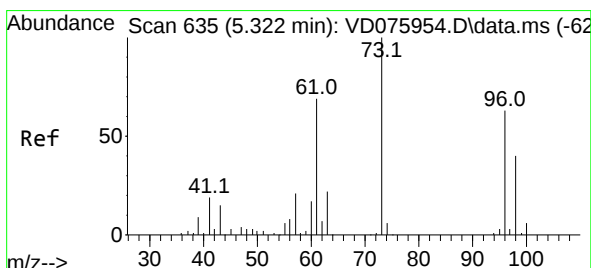
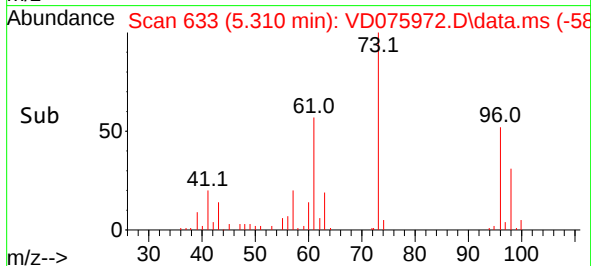
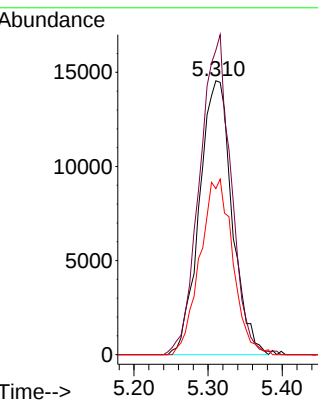
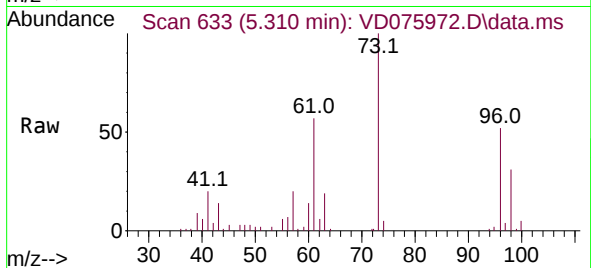
98 60.6 43.0 79.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#18

Methyl tert-butyl Ether

Concen: 34.756 ug/L m

RT: 5.310 min Scan# 633

Delta R.T. -0.012 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

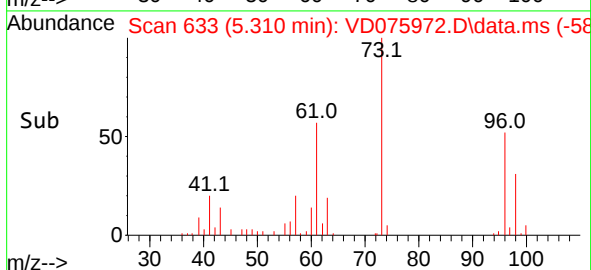
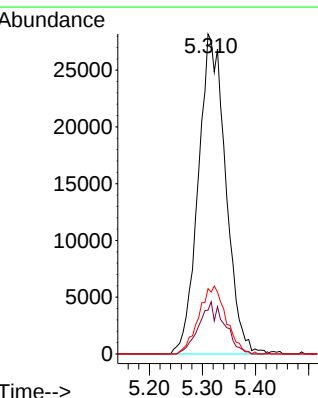
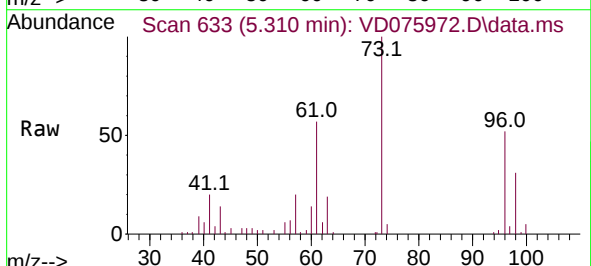
Tgt Ion: 73 Resp: 100975

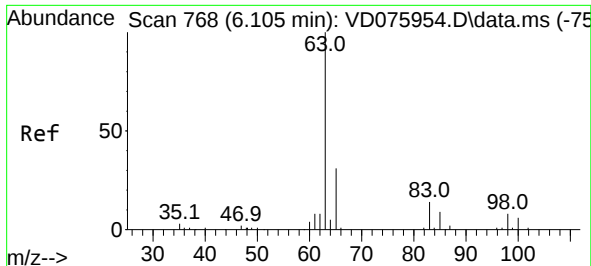
Ion Ratio Lower Upper

73 100

43 9.1 11.3 16.9#

57 21.1 16.3 24.5





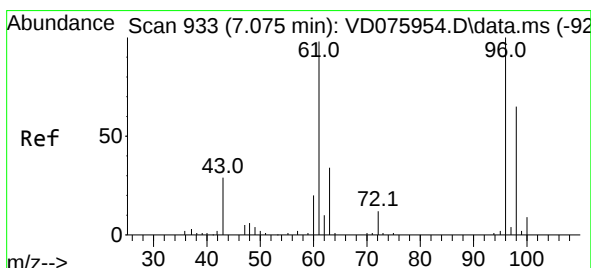
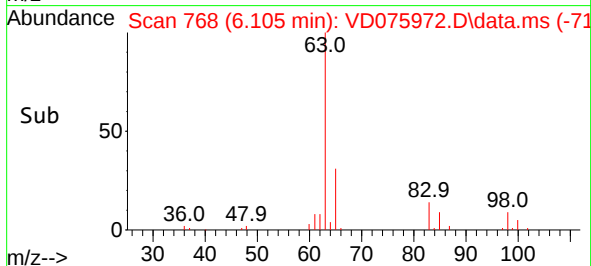
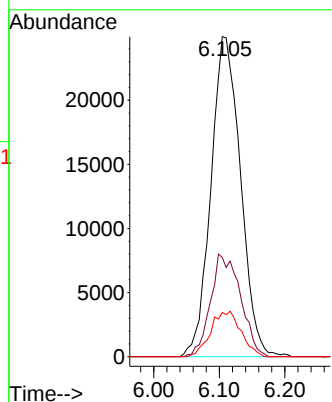
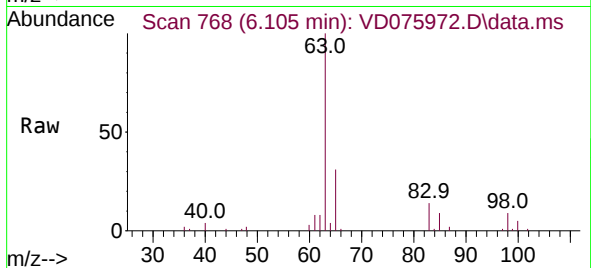
#19
1,1-Dichloroethane
Concen: 29.452 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

Tgt Ion: 63 Resp: 7814
Ion Ratio Lower Upper
63 100
65 31.0 22.8 42.4
83 13.8 11.2 20.8

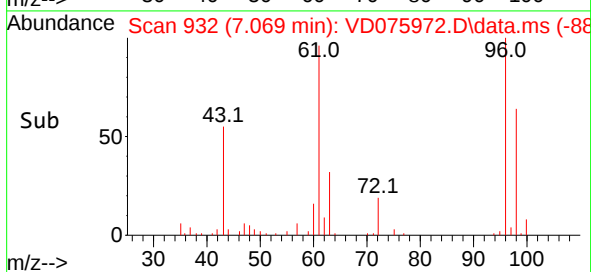
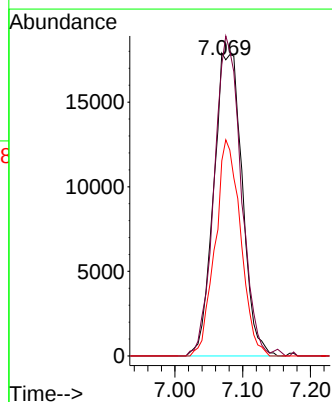
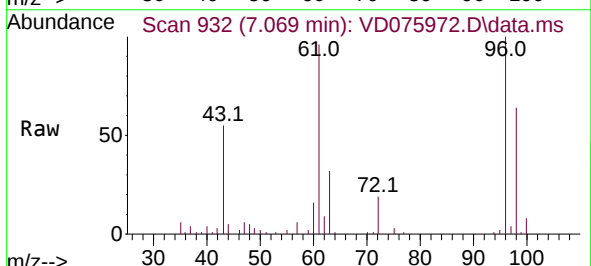
Manual Integrations
APPROVED

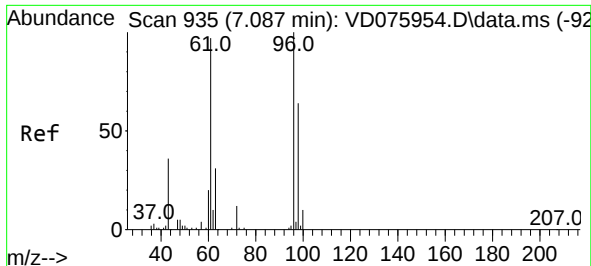
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#20
cis-1,2-Dichloroethene
Concen: 27.362 ug/L m
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

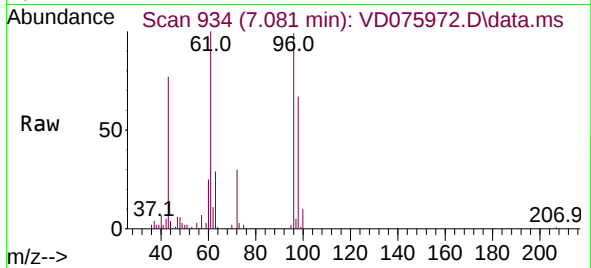
Tgt Ion: 96 Resp: 52401
Ion Ratio Lower Upper
96 100
61 96.2 67.5 125.3
98 64.4 47.5 88.1





#22
2-Butanone
Concen: 142.292 ug/L
RT: 7.081 min Scan# 914
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

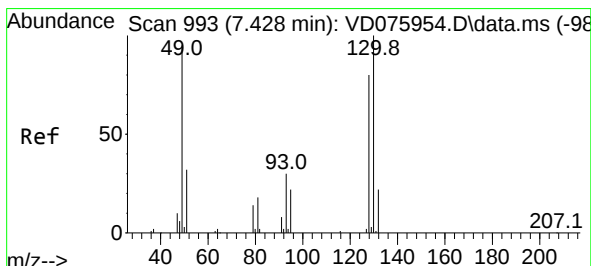
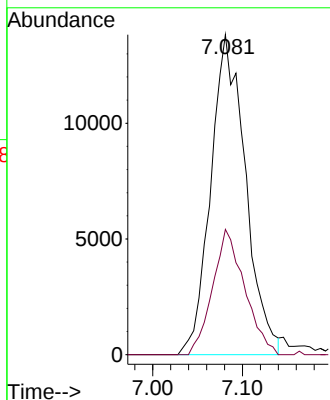
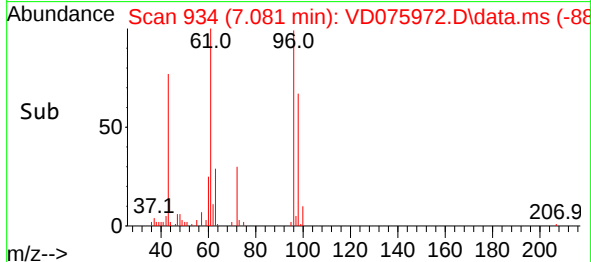
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



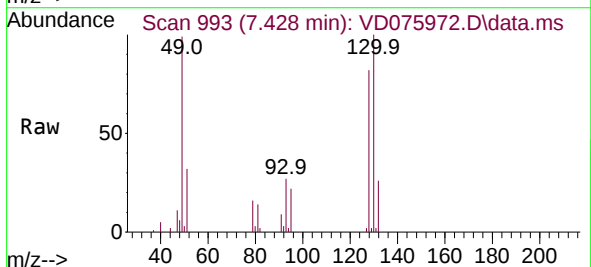
Tgt Ion: 43 Resp: 37140
Ion Ratio Lower Upper
43 100
72 36.1 20.5 61.5

Manual Integrations
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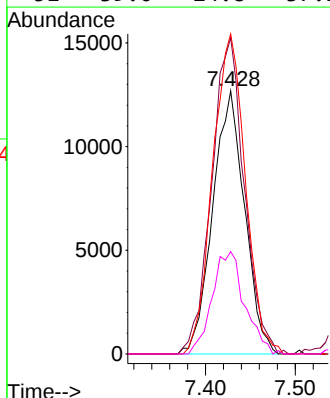
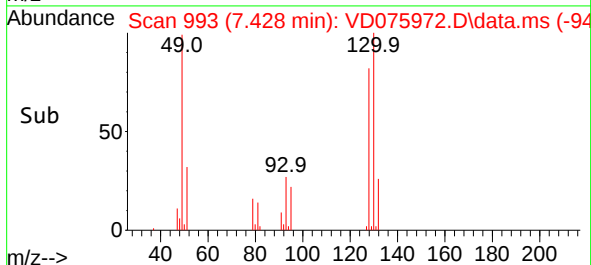
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

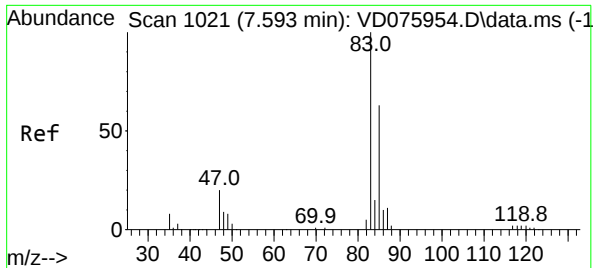


#23
Bromochloromethane
Concen: 35.225 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



Tgt Ion:128 Resp: 31286
Ion Ratio Lower Upper
128 100
49 120.2 76.4 142.0
130 121.7 93.5 173.7
51 39.0 24.8 37.2#





#25

Chloroform

Concen: 29.264 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MS

Tgt Ion: 83 Resp: 8702

Ion Ratio Lower Upper

83 100

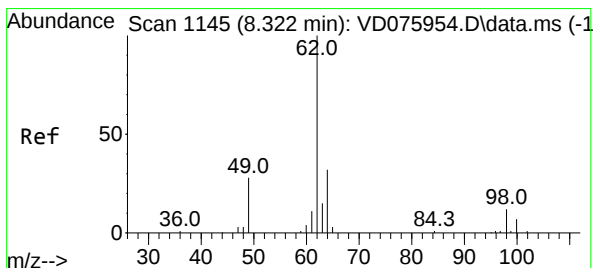
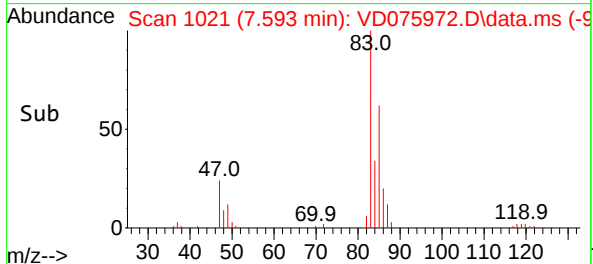
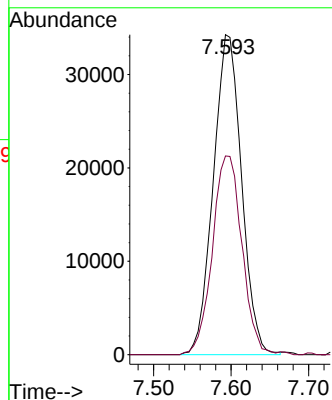
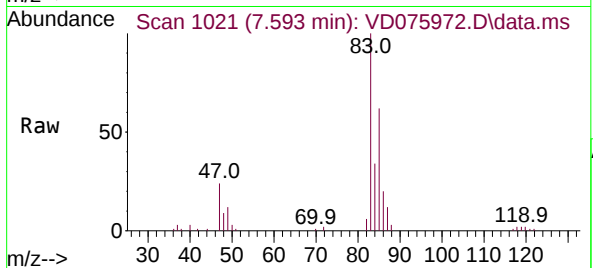
85 62.1 44.4 82.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#27

1,2-Dichloroethane

Concen: 37.988 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD075972.D

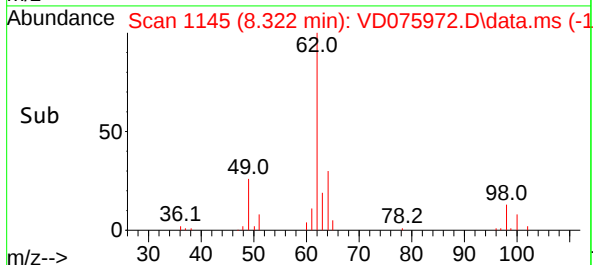
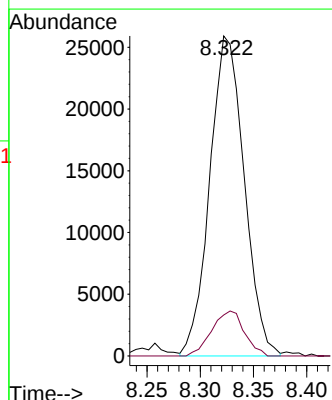
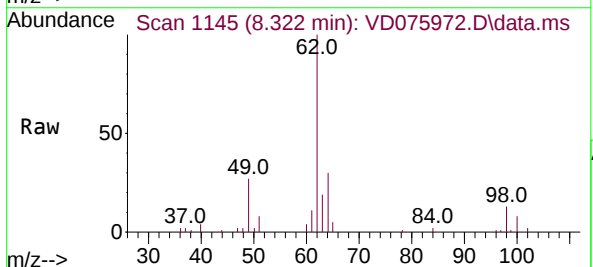
Acq: 02 May 2023 19:01

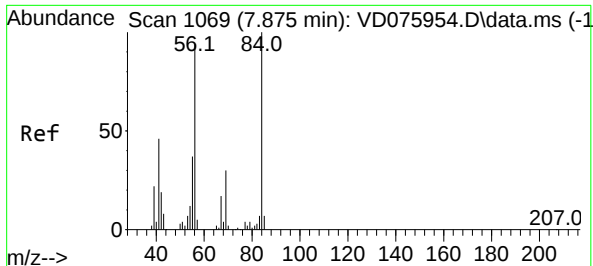
Tgt Ion: 62 Resp: 58309

Ion Ratio Lower Upper

62 100

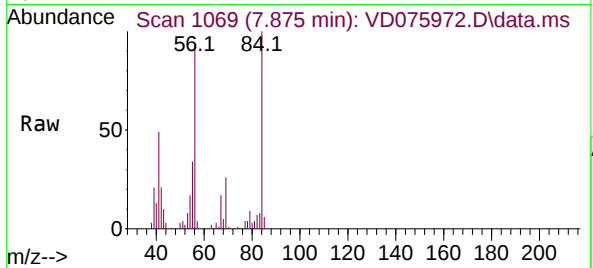
98 12.8 10.2 15.2





#29
Cyclohexane
Concen: 18.491 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

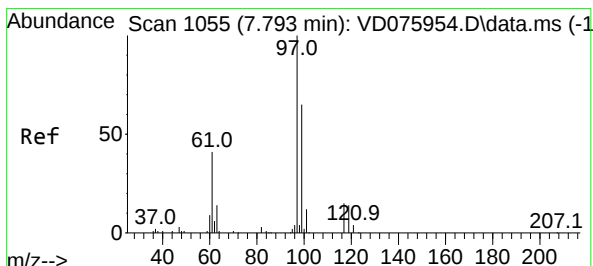
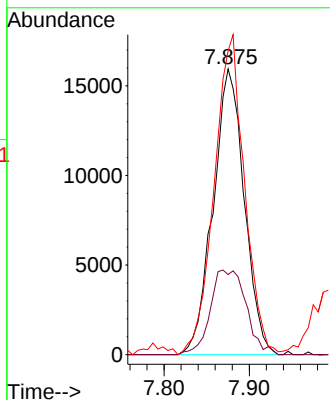
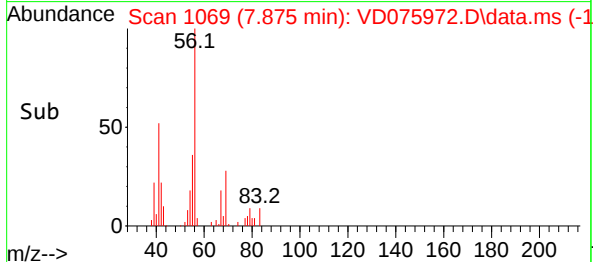
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



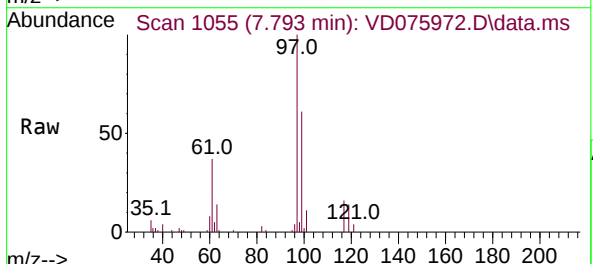
Tgt Ion: 56 Resp: 40524
Ion Ratio Lower Upper
56 100
69 18.4 28.2 42.2
84 108.8 92.4 138.6

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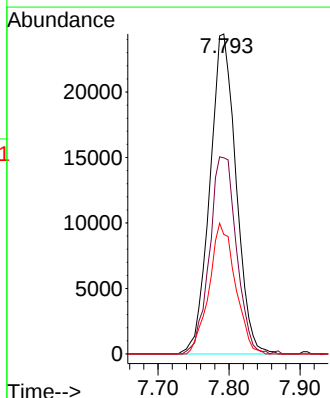
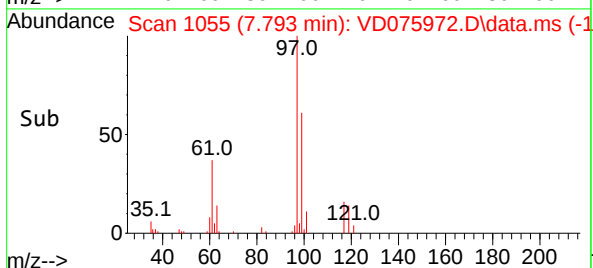
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

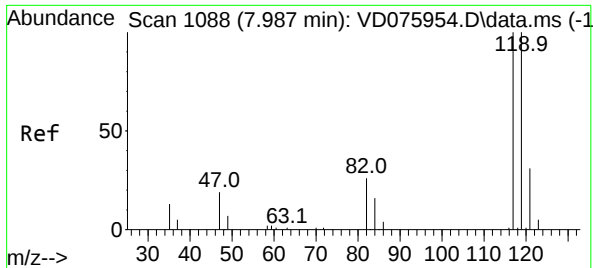


#30
1,1,1-Trichloroethane
Concen: 23.104 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



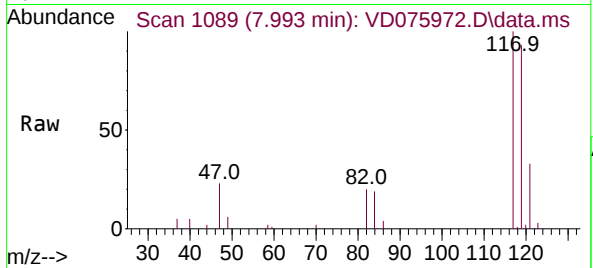
Tgt Ion: 97 Resp: 62580
Ion Ratio Lower Upper
97 100
99 63.2 51.5 77.3
61 40.8 32.1 48.1





#31
Carbon tetrachloride
Concen: 21.208 ug/L
RT: 7.993 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

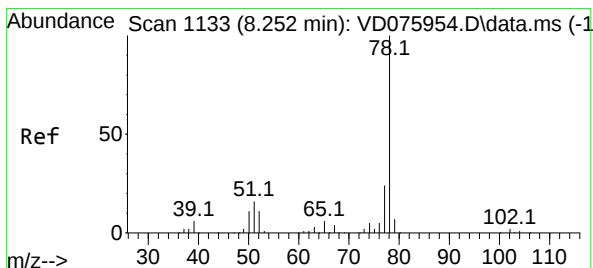
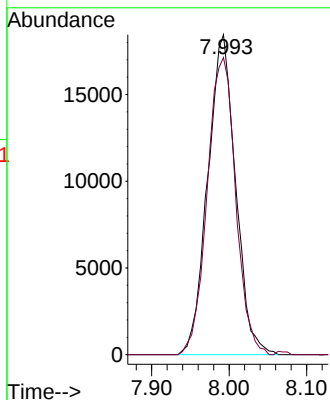
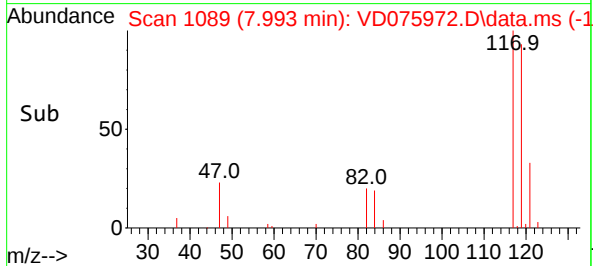
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



Tgt Ion:117 Resp: 4608
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.4

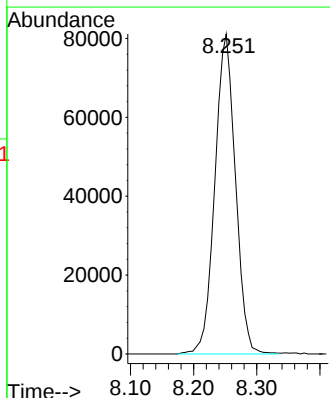
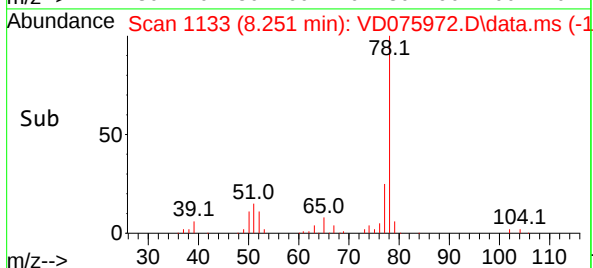
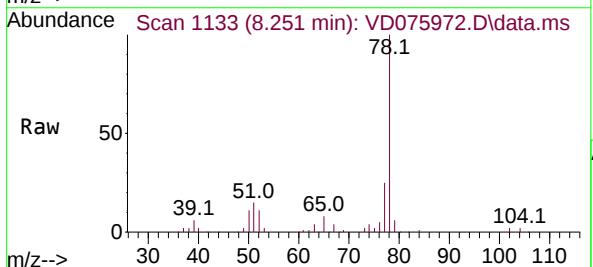
Manual Integrations
APPROVED

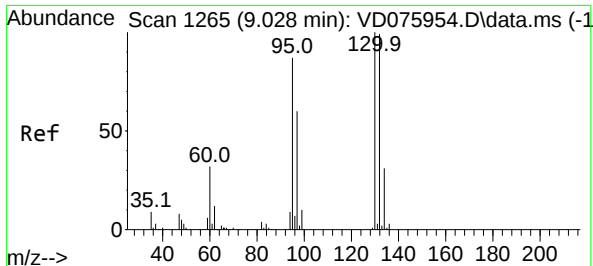
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#33
Benzene
Concen: 23.728 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

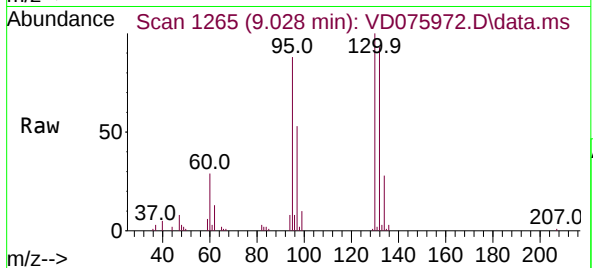
Tgt Ion: 78 Resp: 183742





#34
Trichloroethene
Concen: 22.043 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

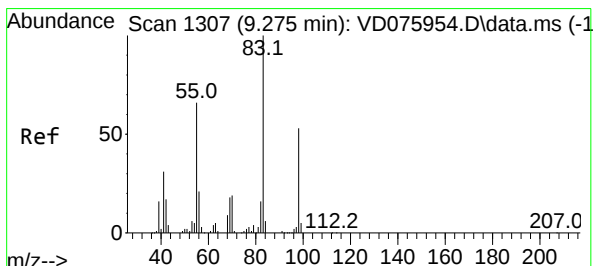
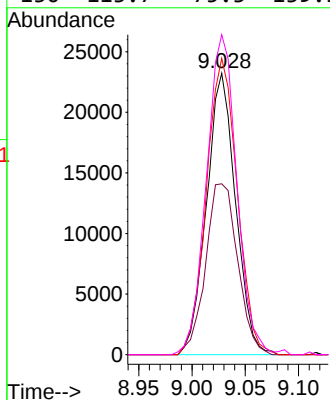
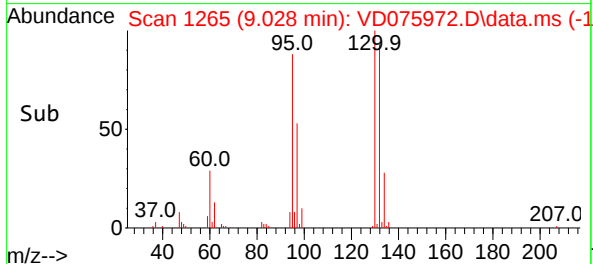
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



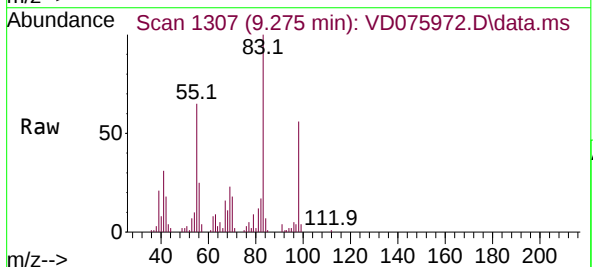
Tgt Ion: 95 Resp: 44144
Ion Ratio Lower Upper
95 100
97 60.7 46.0 85.4
132 105.3 73.3 136.1
130 113.7 75.3 139.9

Manual Integrations
APPROVED

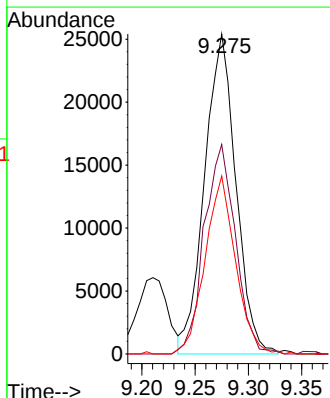
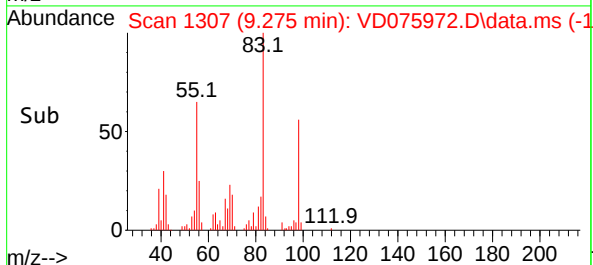
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

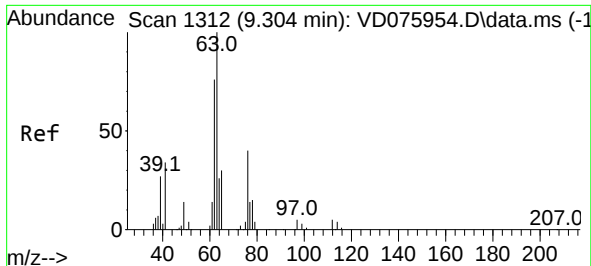


#35
Methylcyclohexane
Concen: 16.792 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



Tgt Ion: 83 Resp: 51846
Ion Ratio Lower Upper
83 100
55 65.0 48.2 72.2
98 54.1 40.8 61.2





#37

1,2-Dichloropropane

Concen: 29.064 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MS

Tgt Ion: 63 Resp: 5169

Ion Ratio Lower Upper

63 100

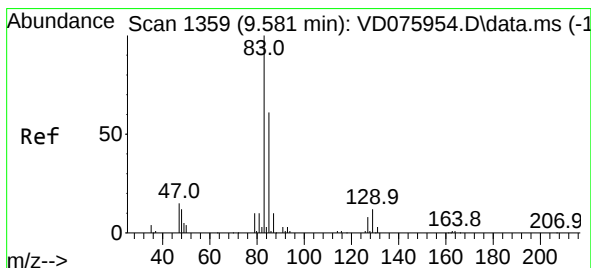
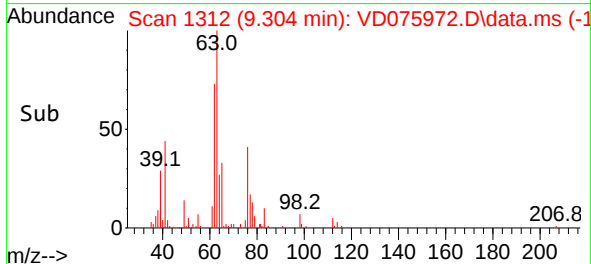
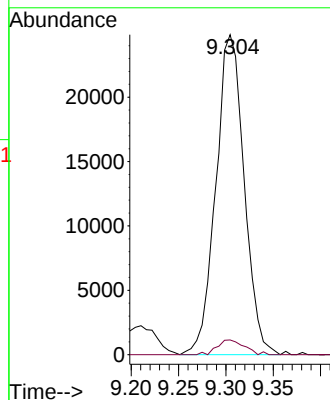
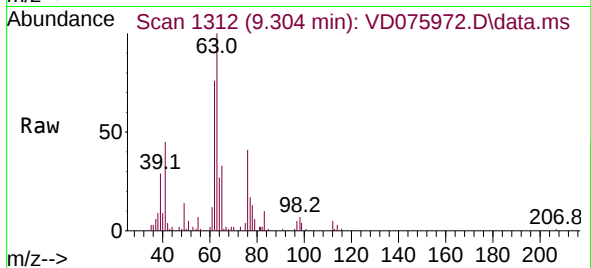
112 4.2 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#38

Bromodichloromethane

Concen: 28.098 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

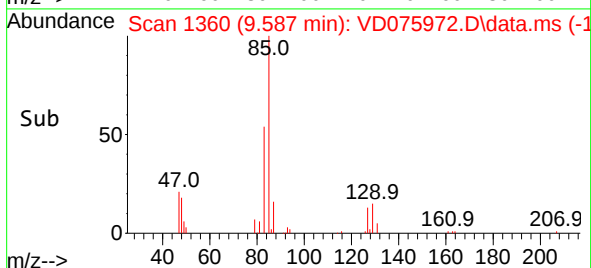
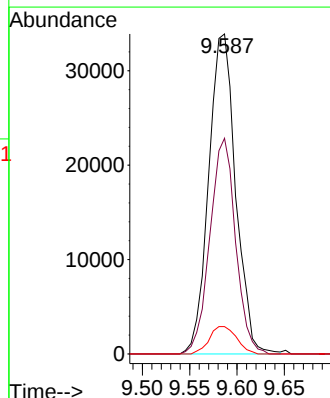
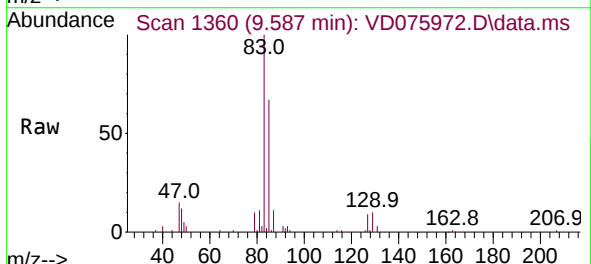
Tgt Ion: 83 Resp: 67392

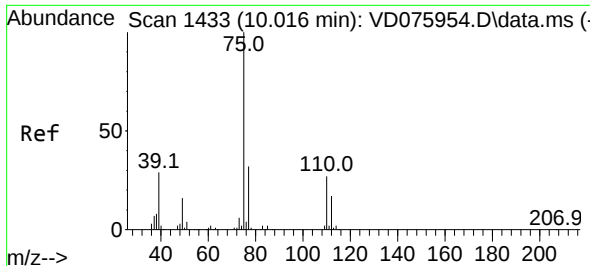
Ion Ratio Lower Upper

83 100

85 67.4 44.2 82.2

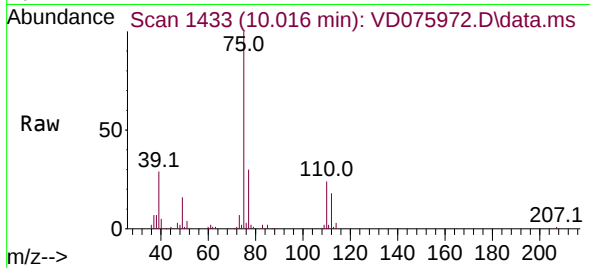
127 8.5 6.3 9.5





#39
cis-1,3-Dichloropropene
Concen: 25.951 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

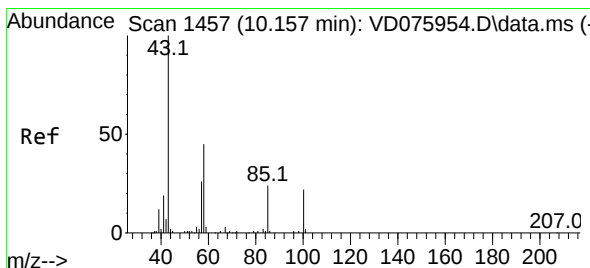
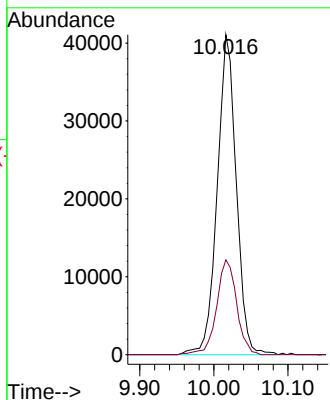
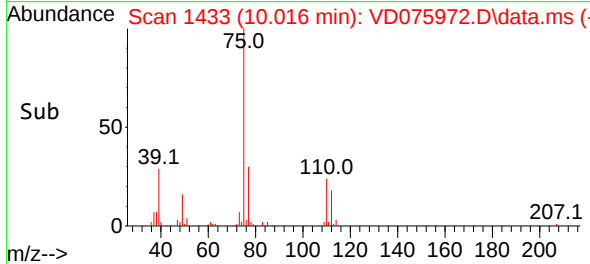
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



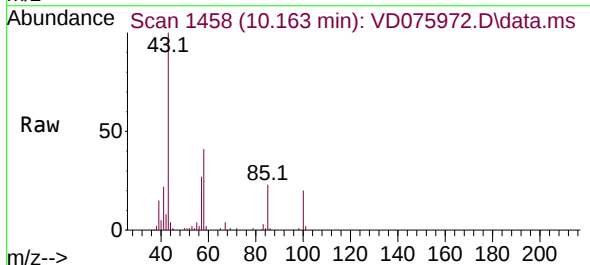
Tgt Ion: 75 Resp: 73415
Ion Ratio Lower Upper
75 100
77 29.7 23.4 43.6

Manual Integrations
APPROVED

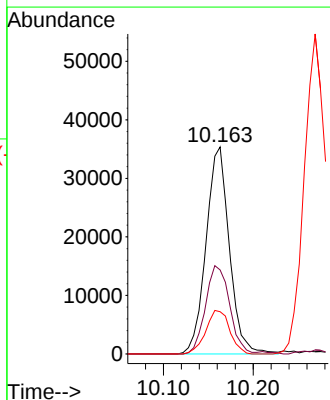
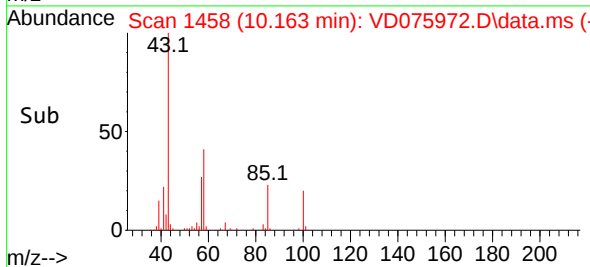
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

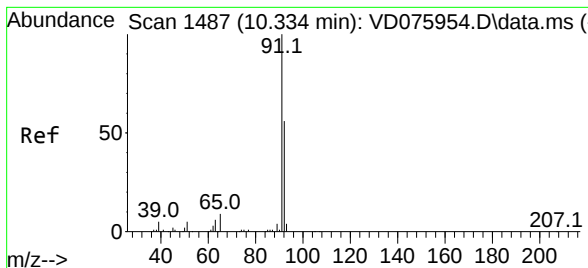


#40
4-Methyl-2-pentanone
Concen: 98.538 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



Tgt Ion: 43 Resp: 63907
Ion Ratio Lower Upper
43 100
58 43.8 39.1 58.7
100 21.6 19.4 29.0





#42

Toluene

Concen: 24.145 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MS

Tgt Ion: 91 Resp: 202334

Ion Ratio Lower Upper

91 100

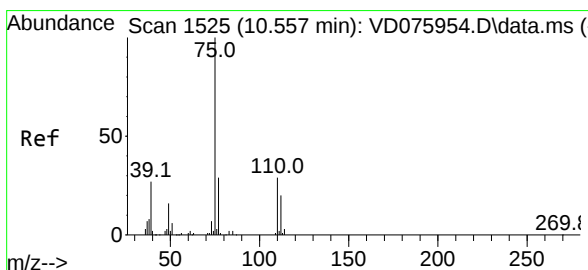
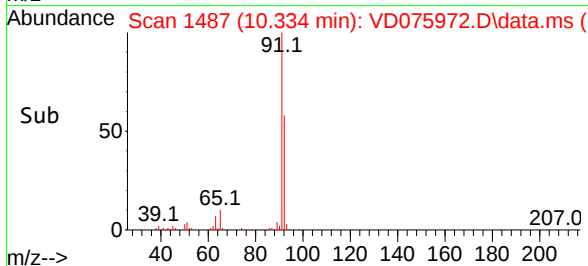
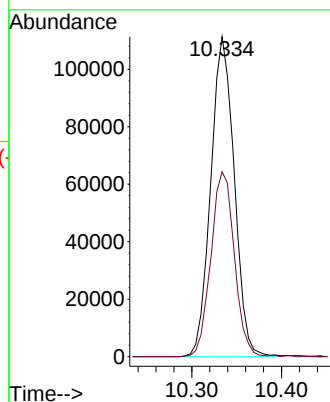
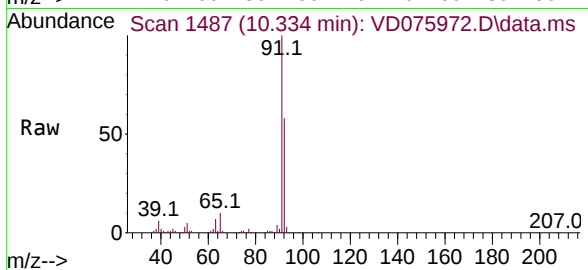
92 57.8 39.3 72.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#44

trans-1,3-Dichloropropene

Concen: 30.713 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD075972.D

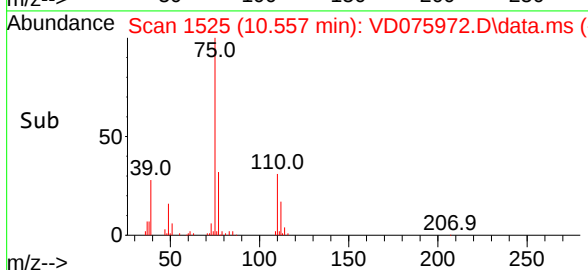
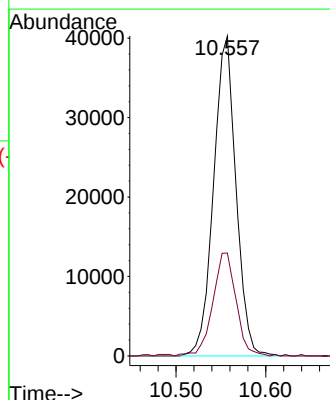
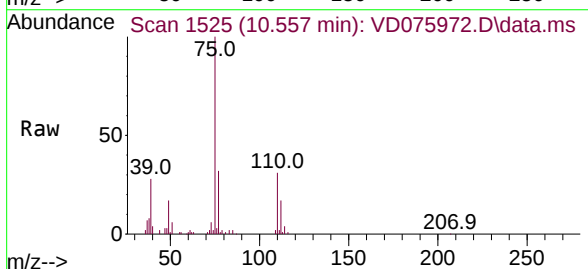
Acq: 02 May 2023 19:01

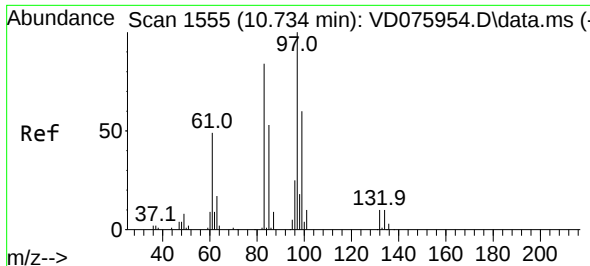
Tgt Ion: 75 Resp: 69798

Ion Ratio Lower Upper

75 100

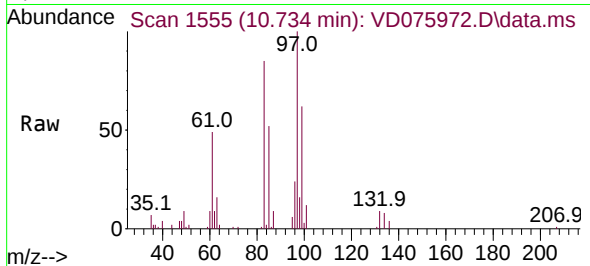
77 32.1 22.0 41.0





#45
1,1,2-Trichloroethane
Concen: 34.155 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

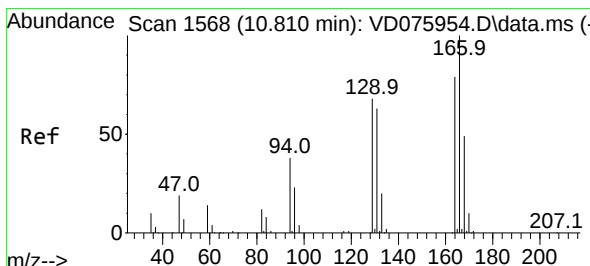
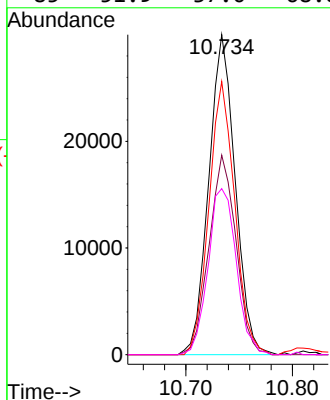
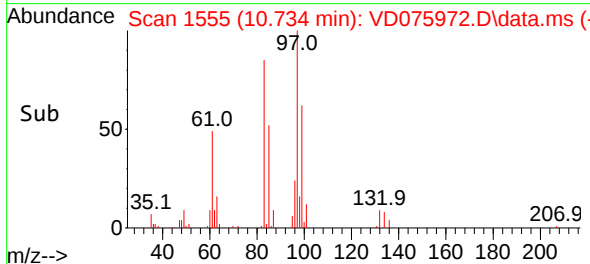
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



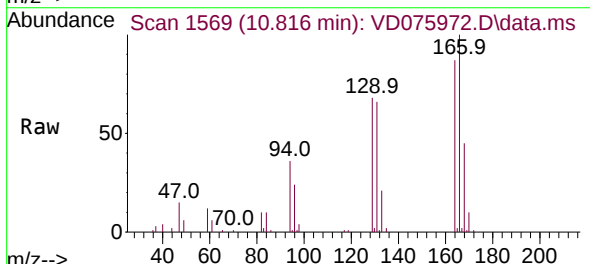
Tgt Ion:	97	Resp:	5168
Ion Ratio	100	Lower	Upper
97	100		
99	62.3	42.2	78.4
83	85.4	54.8	101.8
85	51.9	37.0	68.8

Manual Integrations
APPROVED

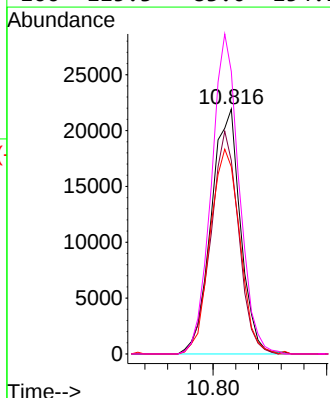
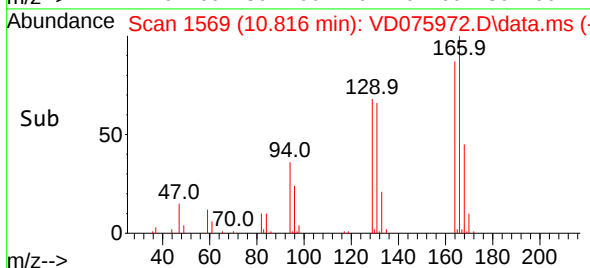
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

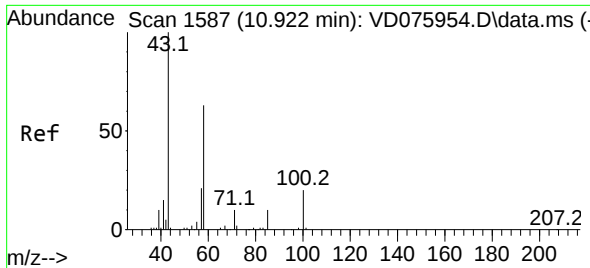


#46
Tetrachloroethene
Concen: 23.870 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



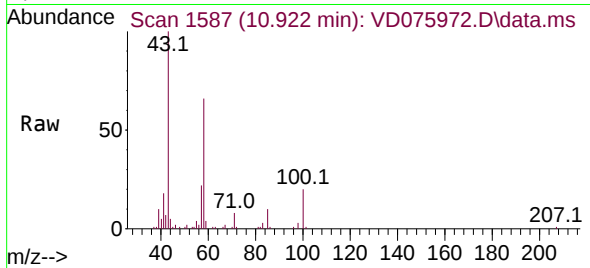
Tgt Ion:	164	Resp:	39208
Ion Ratio	100	Lower	Upper
164	100		
129	79.0	60.3	112.1
131	76.4	58.9	109.3
166	115.3	83.0	154.1





#48
2-Hexanone
Concen: 103.717 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

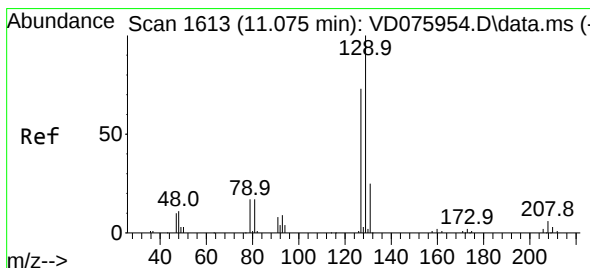
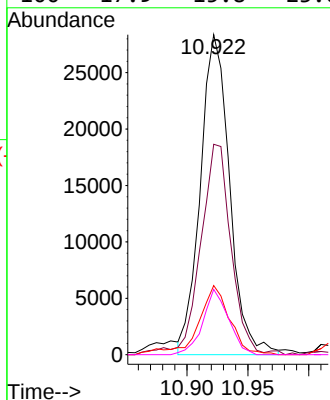
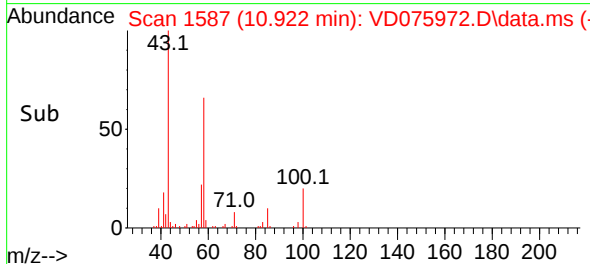
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



Tgt Ion: 43 Resp: 4742
Ion Ratio Lower Upper
43 100
58 66.7 59.7 89.5
57 22.0 17.9 26.9
100 17.9 15.8 23.6

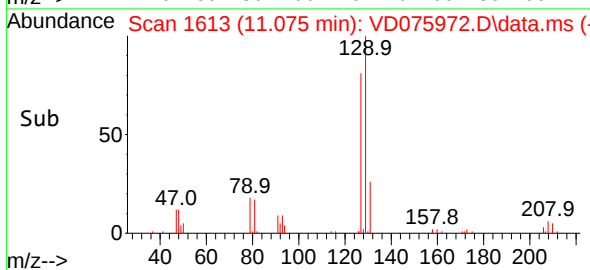
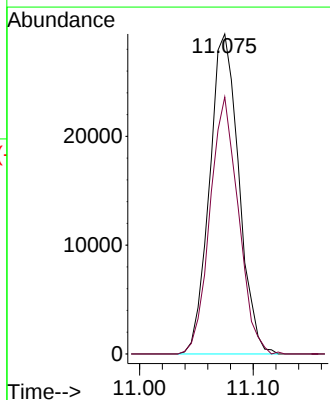
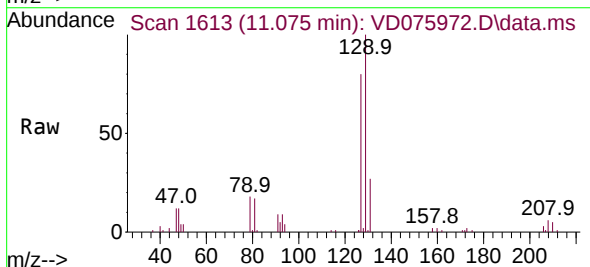
Manual Integrations
APPROVED

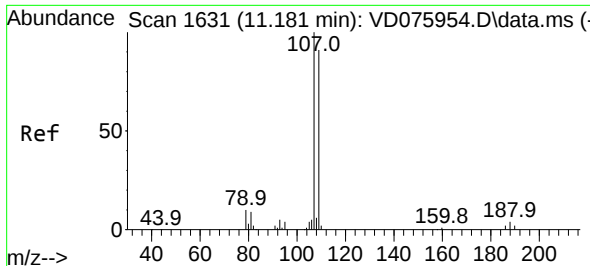
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#49
Dibromochloromethane
Concen: 32.018 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

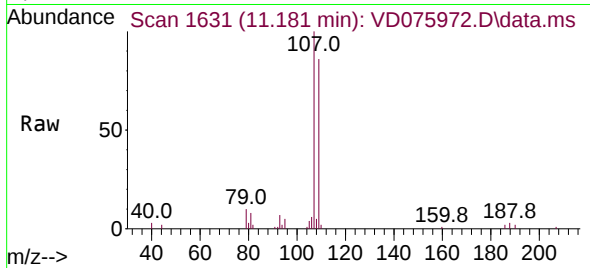
Tgt Ion:129 Resp: 52748
Ion Ratio Lower Upper
129 100
127 80.3 55.6 103.4





#50
1,2-Dibromoethane
Concen: 37.613 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

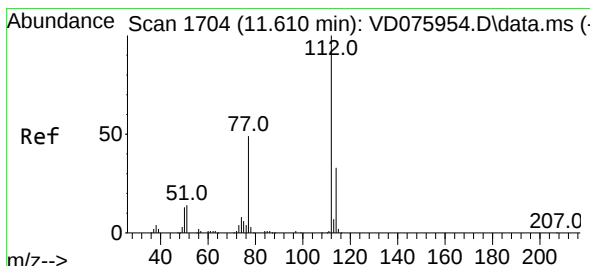
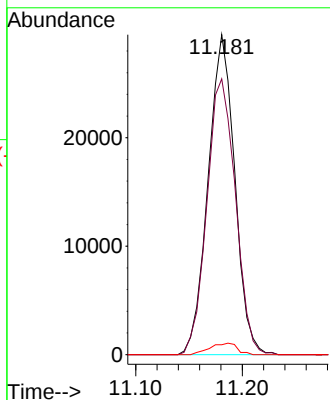
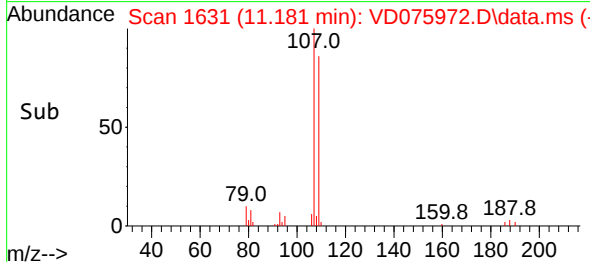
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



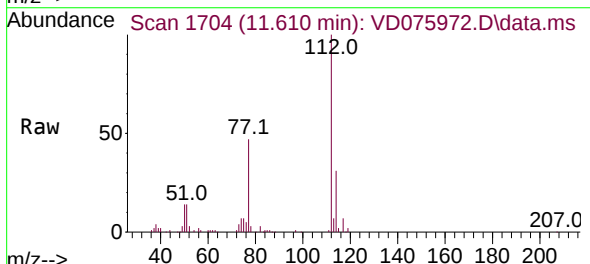
Tgt Ion:107 Resp: 5131
Ion Ratio Lower Upper
107 100
109 86.2 67.6 125.6
188 3.1 3.0 4.6

Manual Integrations
APPROVED

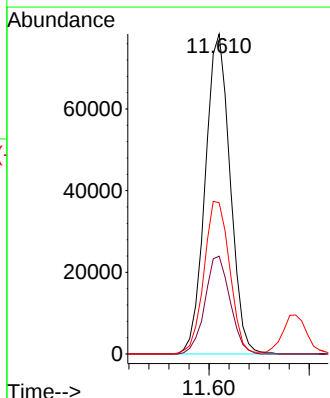
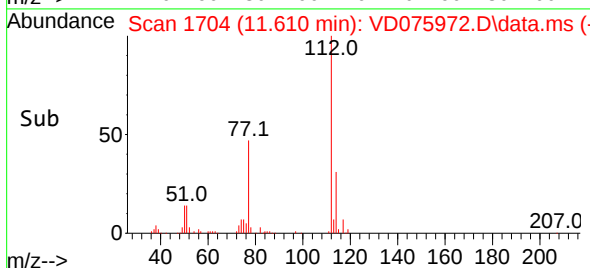
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

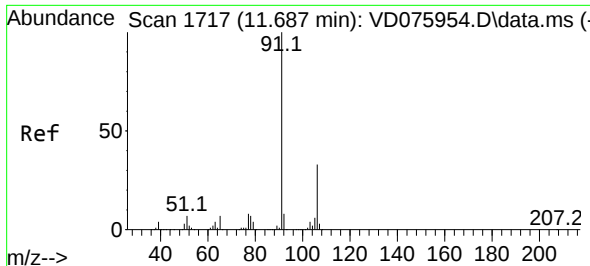


#51
Chlorobenzene
Concen: 24.680 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



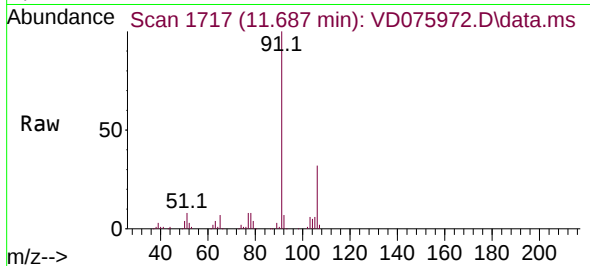
Tgt Ion:112 Resp: 135304
Ion Ratio Lower Upper
112 100
114 30.6 23.0 42.8
77 47.3 39.7 59.5





#52
Ethylbenzene
Concen: 21.410 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

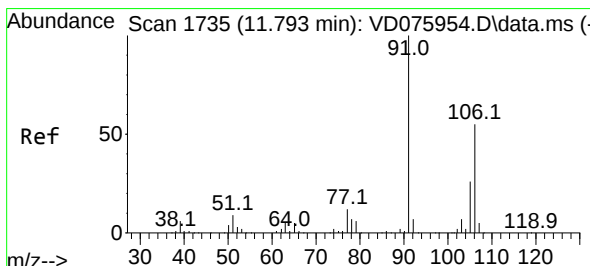
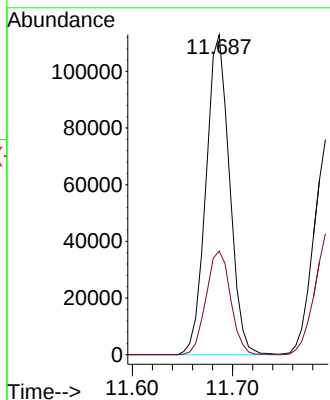
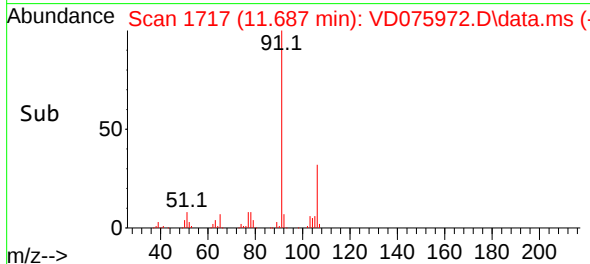
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



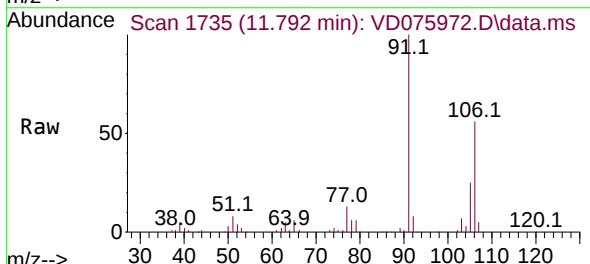
Tgt Ion: 91 Resp: 183984
Ion Ratio Lower Upper
91 100
106 32.4 23.7 43.9

Manual Integrations
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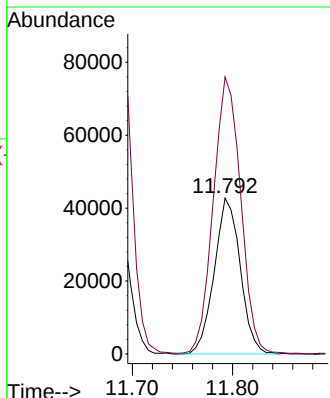
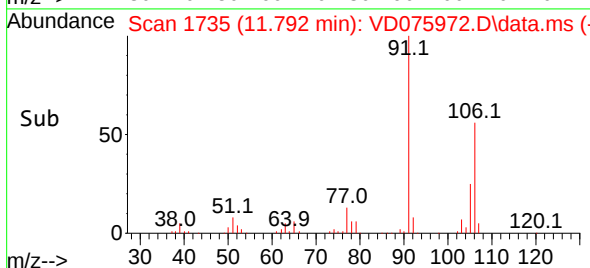
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

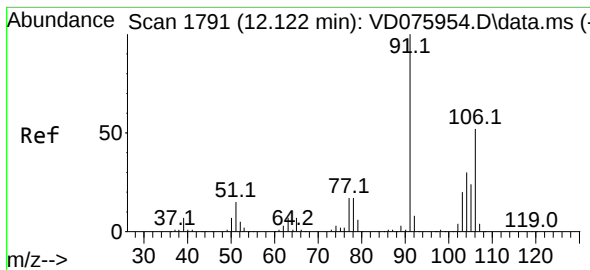


#53
m,p-Xylene
Concen: 22.439 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



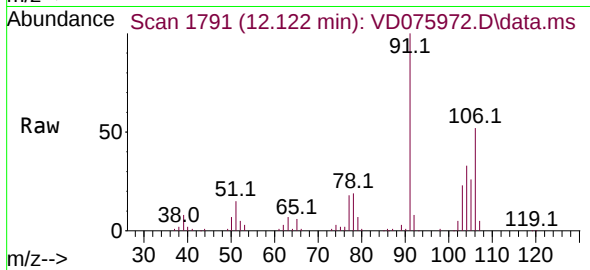
Tgt Ion:106 Resp: 76780
Ion Ratio Lower Upper
106 100
91 177.8 130.9 243.1





#54
o-Xylene
Concen: 23.118 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

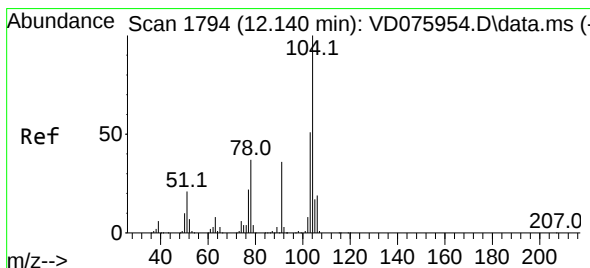
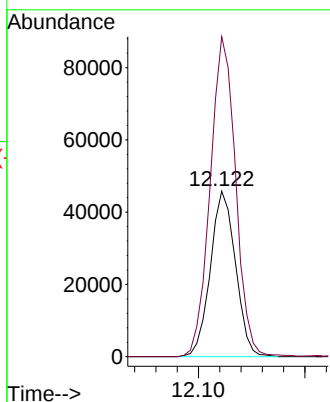
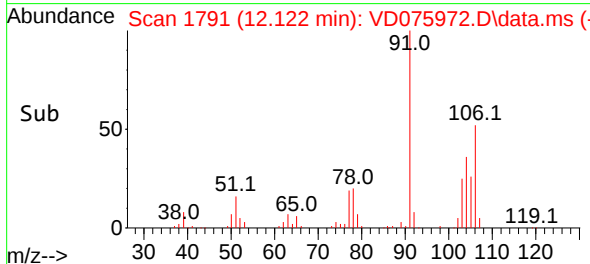
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



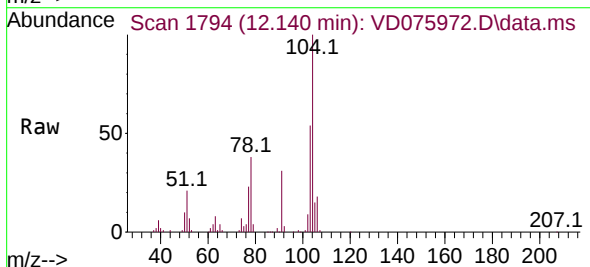
Tgt Ion:106 Resp: 75134
Ion Ratio Lower Upper
106 100
91 193.4 139.8 259.6

Manual Integrations
APPROVED

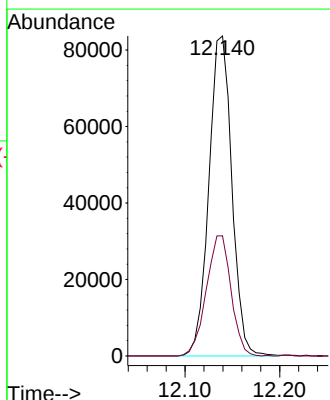
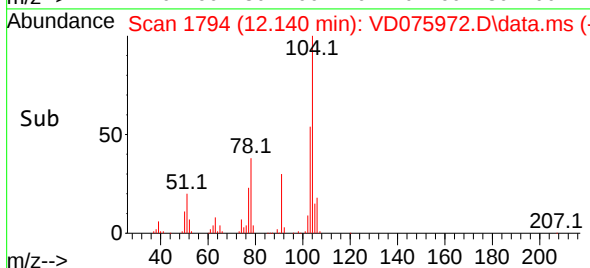
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

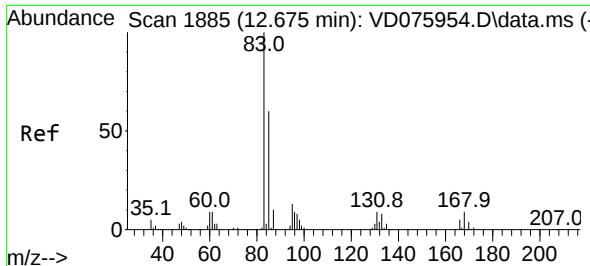


#55
Styrene
Concen: 24.962 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



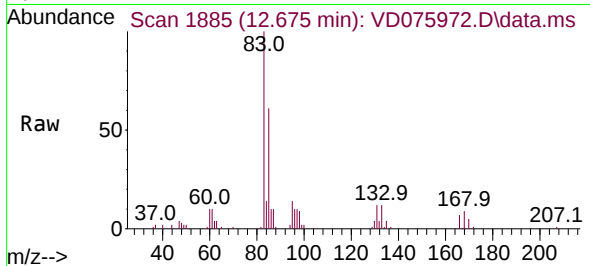
Tgt Ion:104 Resp: 141199
Ion Ratio Lower Upper
104 100
78 37.5 26.2 48.6





#57
1,1,2,2-Tetrachloroethane
Concen: 44.143 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

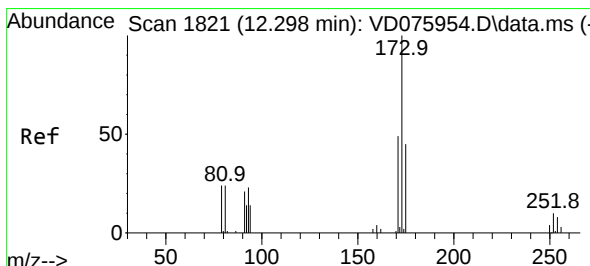
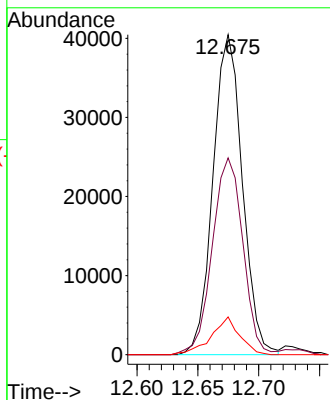
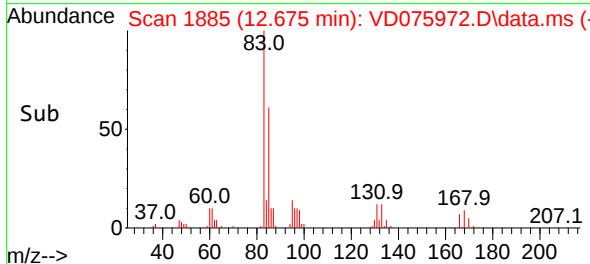
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



Tgt Ion: 83 Resp: 67970
Ion Ratio Lower Upper
83 100
85 61.5 45.1 83.7
131 11.8 7.0 10.6

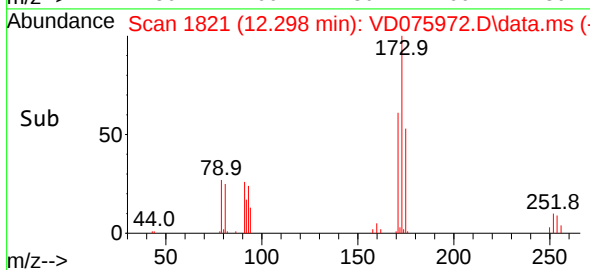
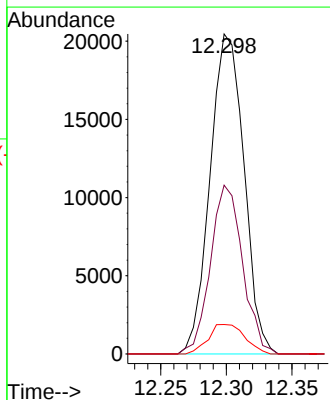
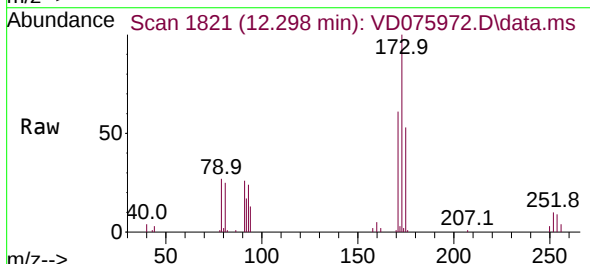
Manual Integrations
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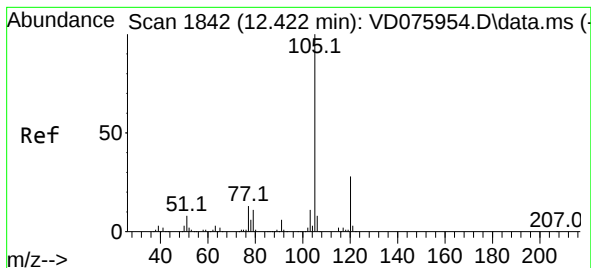
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#59
Bromoform
Concen: 37.497 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

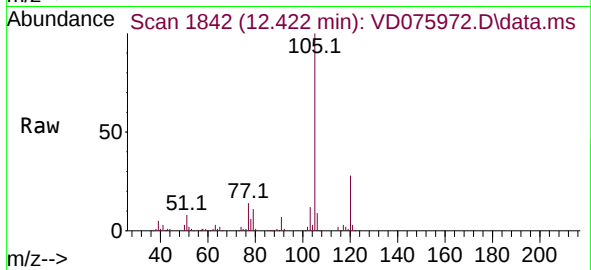
Tgt Ion:173 Resp: 36813
Ion Ratio Lower Upper
173 100
175 50.0 39.4 59.0
254 9.9 7.4 11.2





#60
Isopropylbenzene
Concen: 20.483 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

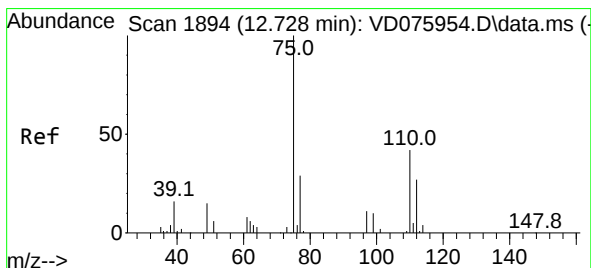
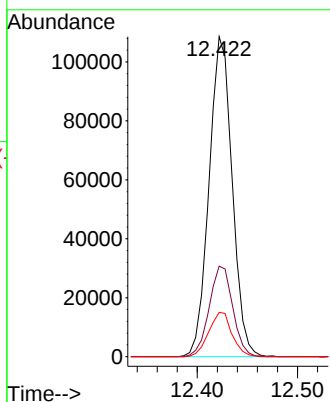
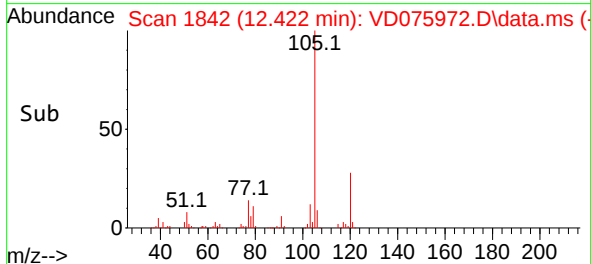
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



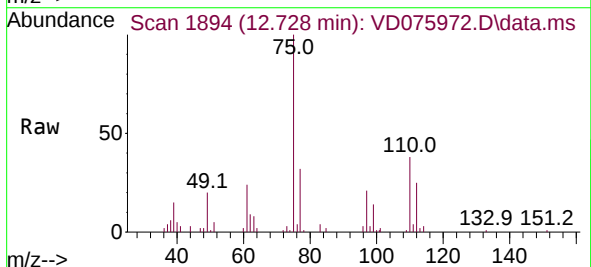
Tgt Ion:105 Resp: 17398
Ion Ratio Lower Upper
105 100
120 28.7 22.7 34.1
77 14.0 10.9 16.3

Manual Integrations
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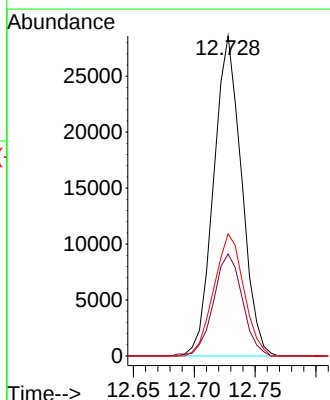
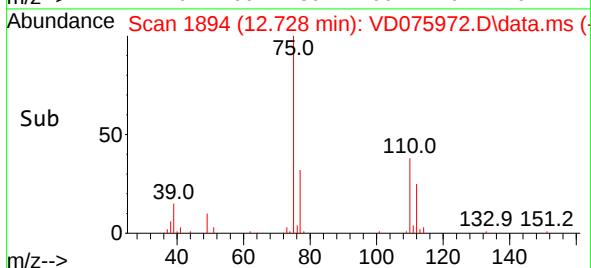
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

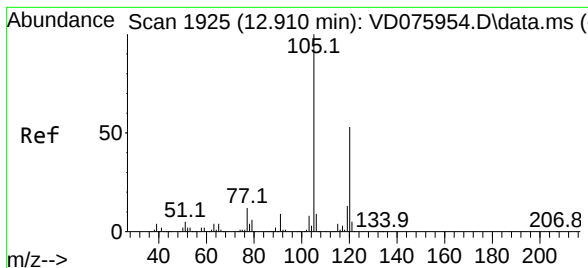


#61
1,2,3-Trichloropropane
Concen: 45.248 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



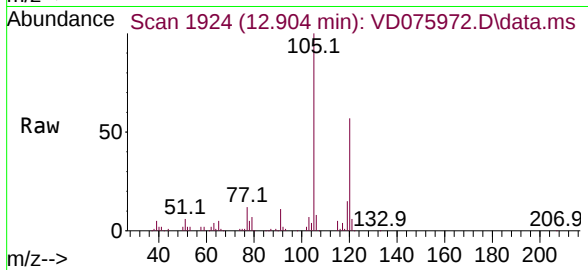
Tgt Ion: 75 Resp: 45533
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8
110 40.9 33.5 50.3





#62
1,3,5-Trimethylbenzene
Concen: 19.709 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

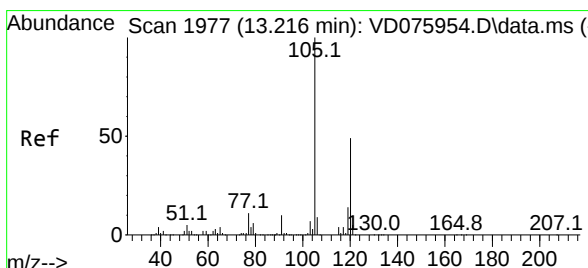
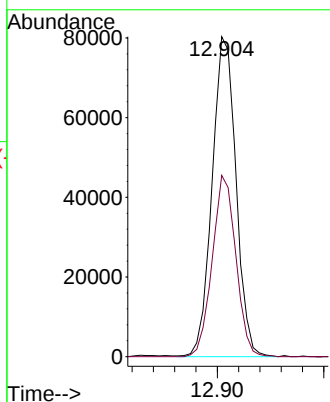
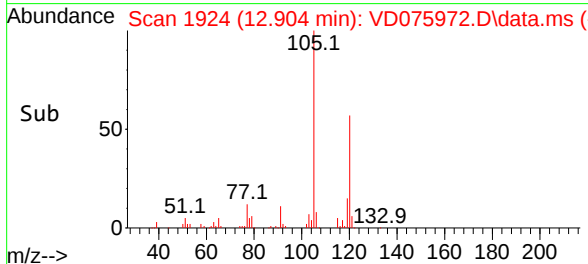
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



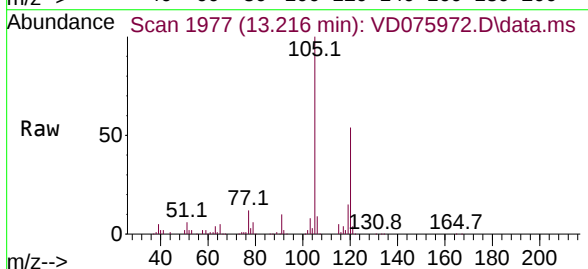
Tgt Ion:105 Resp: 124830
Ion Ratio Lower Upper
105 100
120 56.0 42.0 63.0

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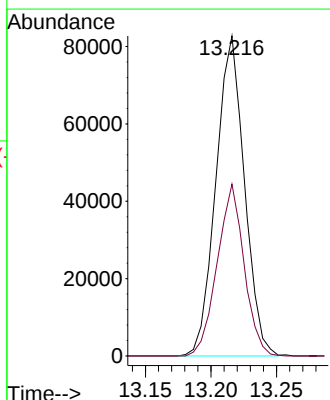
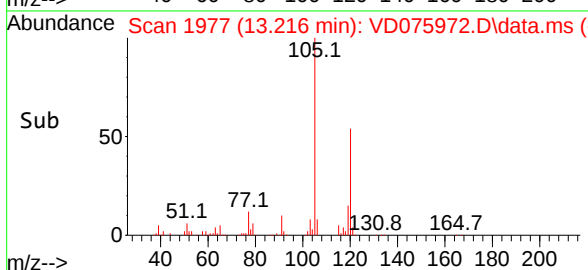
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

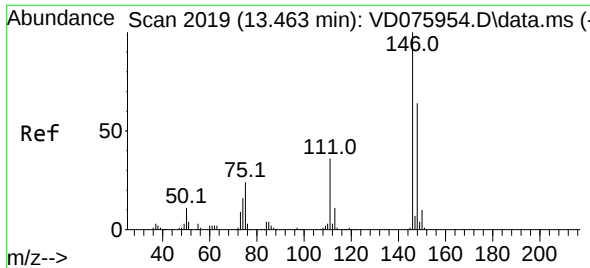


#63
1,2,4-Trimethylbenzene
Concen: 20.483 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



Tgt Ion:105 Resp: 125060
Ion Ratio Lower Upper
105 100
120 50.6 39.0 58.6





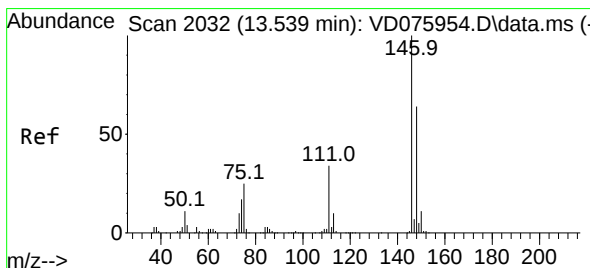
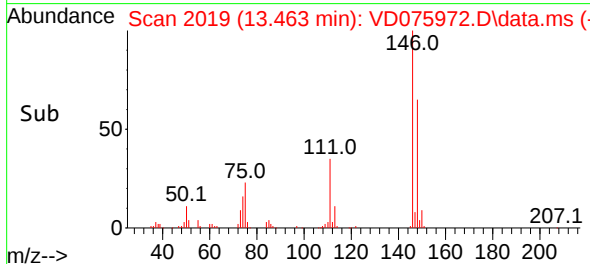
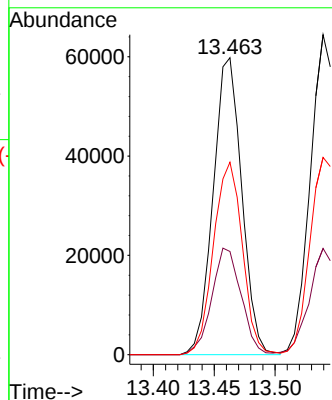
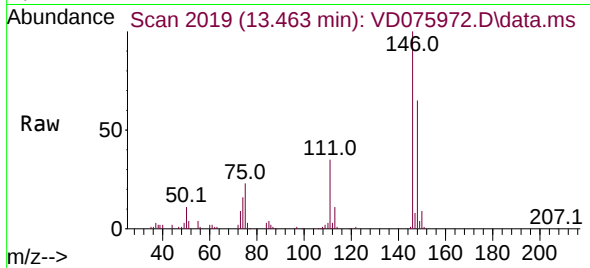
#64
1,3-Dichlorobenzene
Concen: 24.091 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

Tgt Ion:146 Resp: 97909
Ion Ratio Lower Upper
146 100
111 34.8 26.5 49.1
148 64.8 43.8 81.3

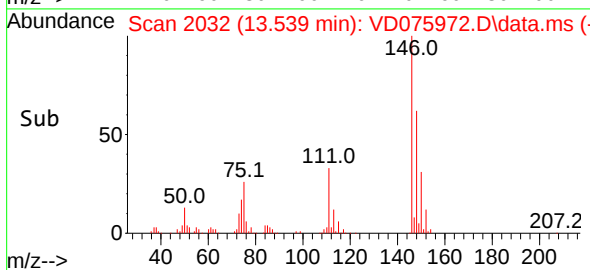
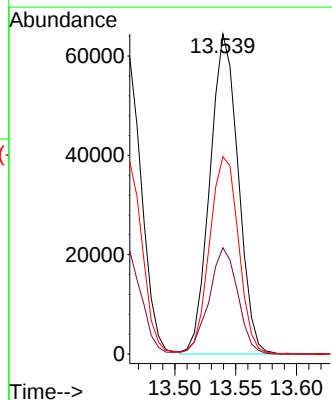
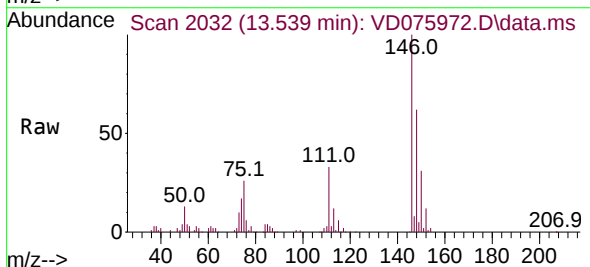
Manual Integrations
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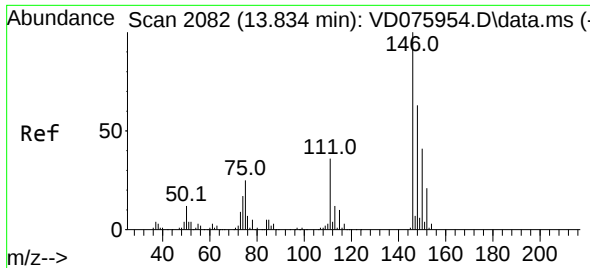
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#65
1,4-Dichlorobenzene
Concen: 24.482 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion:146 Resp: 104424
Ion Ratio Lower Upper
146 100
111 33.2 24.6 45.8
148 61.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.744 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MS

Tgt Ion:146 Resp: 9706

Ion Ratio Lower Upper

146 100

111 35.7 30.6 46.0

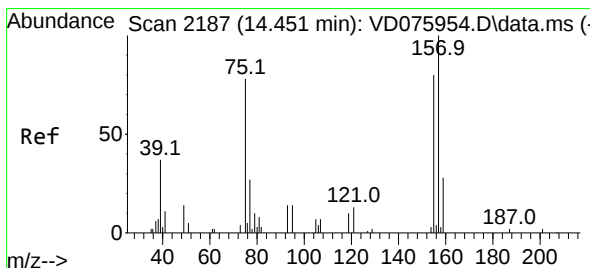
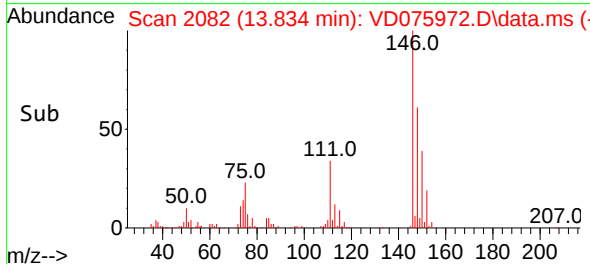
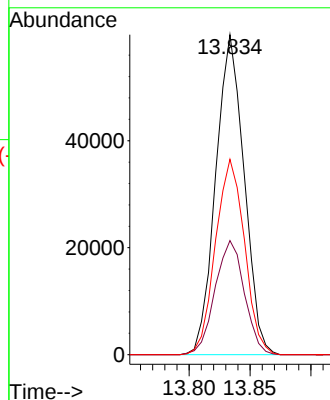
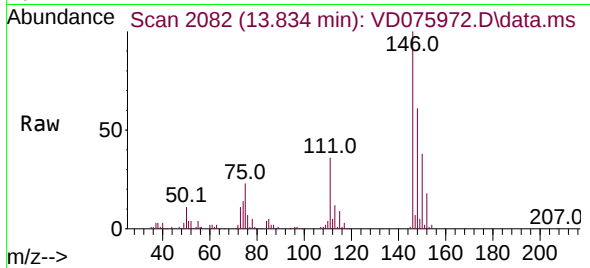
148 61.0 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 52.960 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

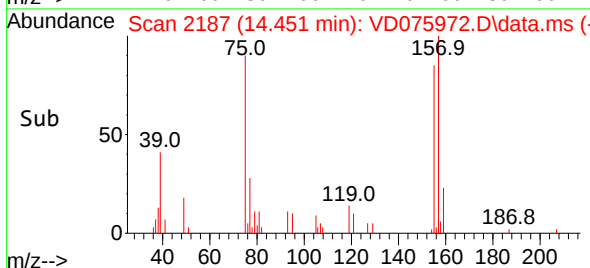
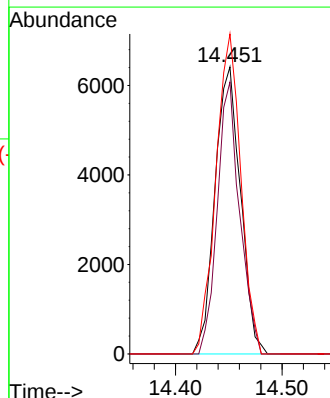
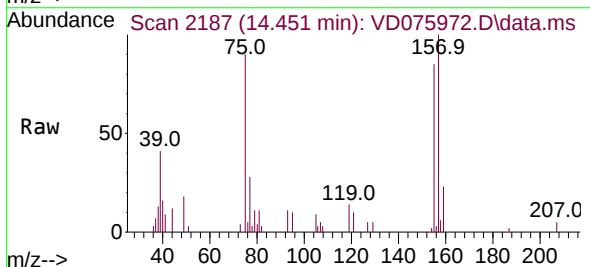
Tgt Ion: 75 Resp: 10654

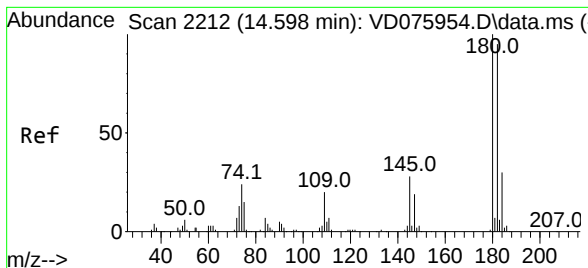
Ion Ratio Lower Upper

75 100

155 94.7 74.6 111.8

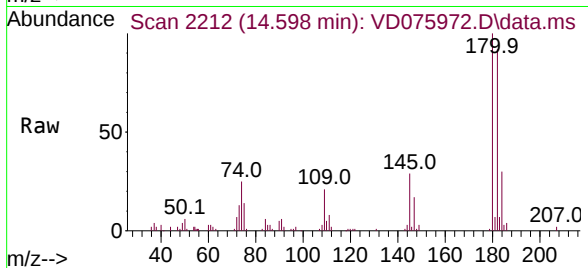
157 111.5 109.4 164.2





#69
1,3,5-Trichlorobenzene
Concen: 20.334 ug/L
RT: 14.598 min Scan# 2212
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

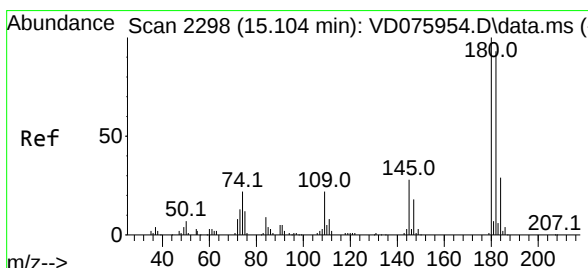
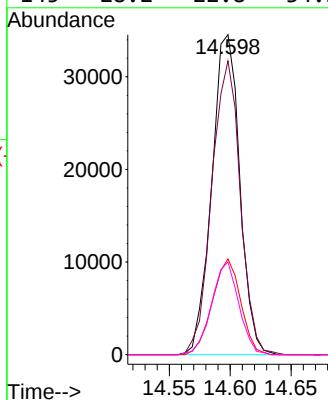
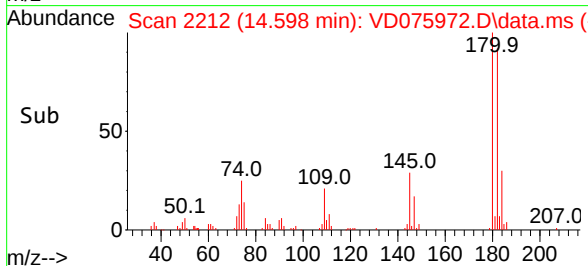
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



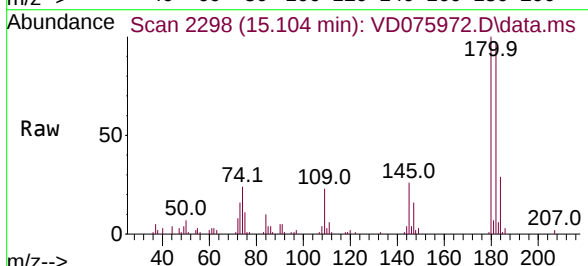
Tgt Ion:180 Resp: 55392
Ion Ratio Lower Upper
180 100
182 93.0 74.9 112.3
184 30.2 25.0 37.4
145 28.2 22.8 34.2

Manual Integrations
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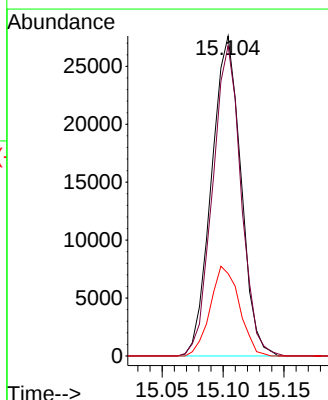
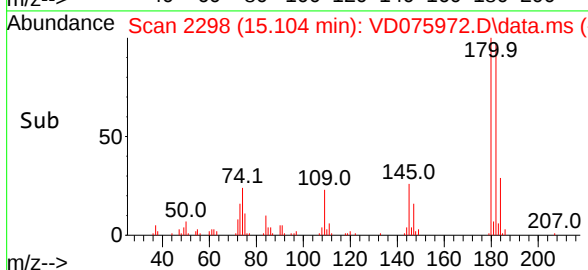
Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

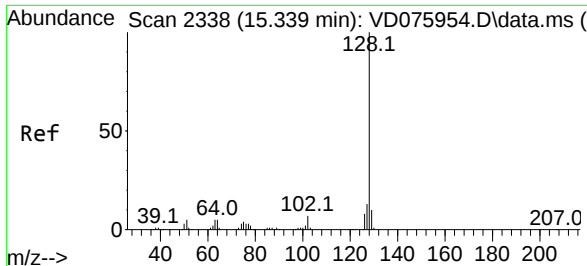


#70
1,2,4-trichlorobenzene
Concen: 20.536 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01



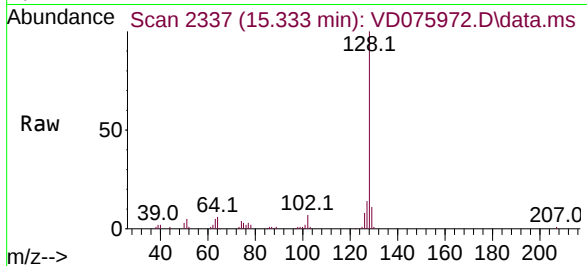
Tgt Ion:180 Resp: 46359
Ion Ratio Lower Upper
180 100
182 93.8 75.4 113.2
145 27.7 23.6 35.4





#71
Naphthalene
Concen: 31.026 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

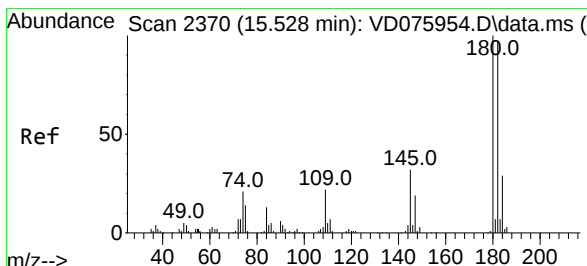
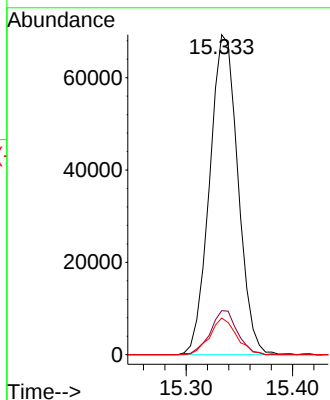
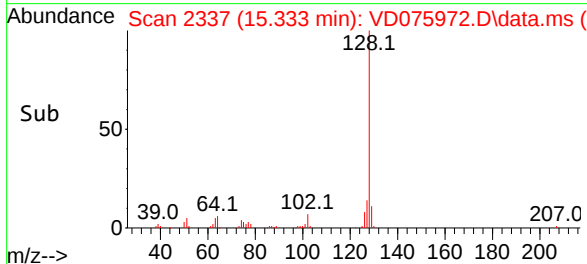
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS



Tgt Ion:128 Resp: 128174
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#72
1,2,3-Trichlorobenzene
Concen: 23.615 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion:180 Resp: 47586
Ion Ratio Lower Upper
180 100
182 93.6 76.3 114.5
145 29.2 25.0 37.6

