

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076647.D
 Acq On : 29 Jun 2023 19:24
 Operator : KP/SY
 Sample : 03472-07MS
 Misc : 6.37G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q2MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 01:16:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	204323	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	184693	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	95490	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	97746	19.644	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.560%		
7) Chloroethane-d5	2.787	69	79977	19.878	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.520%		
11) 1,1-Dichloroethene-d2	3.911	65	29039	22.357	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	89.440%		
21) 2-Butanone-d5	6.981	46	45849	60.841	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	121.680%		
24) Chloroform-d	7.569	84	132758	24.662	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.640%		
26) 1,2-Dichloroethane-d4	8.228	65	74200	27.941	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	111.760%		
32) Benzene-d6	8.199	84	244531	21.644	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.560%		
36) 1,2-Dichloropropane-d6	9.205	67	79343	22.001	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.000%		
41) Toluene-d8	10.269	98	227912	21.786	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.160%		
43) trans-1,3-Dichloroprop...	10.522	79	37497	24.998	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.000%		
47) 2-Hexanone-d5	10.875	63	32167	57.461	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.920%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	75420	29.396	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	117.600%		
66) 1,2-Dichlorobenzene-d4	13.816	152	80412	22.974	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	89097	27.984	ug/L	99
3) Chloromethane	2.146	50	125906	23.788	ug/L	96
5) Vinyl chloride	2.275	62	129731	22.721	ug/L	98
6) Bromomethane	2.681	94	49693	15.713	ug/L	98
8) Chloroethane	2.823	64	77478	22.152	ug/L	97
9) Trichlorofluoromethane	3.164	101	119426	28.928	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	73516	27.453	ug/L	100
12) 1,1-Dichloroethene	3.928	96	65265	24.612	ug/L	94
13) Acetone	4.022	43	33583	55.175	ug/L	75
14) Carbon disulfide	4.258	76	214540	22.319	ug/L	99
15) Methyl Acetate	4.558	43	39726m	28.591	ug/L	
16) Methylene chloride	4.793	84	75832	21.353	ug/L	94
17) trans-1,2-Dichloroethene	5.305	96	69633	23.553	ug/L	94
18) Methyl tert-butyl Ether	5.311	73	201583	29.950	ug/L	97
19) 1,1-Dichloroethane	6.105	63	129029	23.872	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	77622	23.510	ug/L	98
22) 2-Butanone	7.087	43	50681	51.597	ug/L	96
23) Bromochloromethane	7.422	128	38149	27.224	ug/L	96
25) Chloroform	7.593	83	134699	25.535	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	93219	28.736	ug/L	99
29) Cyclohexane	7.869	56	108742	22.141	ug/L	91
30) 1,1,1-Trichloroethane	7.787	97	117256	27.329	ug/L	99
31) Carbon tetrachloride	7.987	117	98259	28.635	ug/L	100
33) Benzene	8.246	78	283196	23.168	ug/L	100
34) Trichloroethene	9.022	95	73149	23.295	ug/L	95
35) Methylcyclohexane	9.269	83	120493	23.796	ug/L	97
37) 1,2-Dichloropropane	9.305	63	74562	22.374	ug/L #	97
38) Bromodichloromethane	9.581	83	101875	26.802	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	123417	24.253	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	116936	56.404	ug/L	99
42) Toluene	10.334	91	302036	23.122	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	105062	25.400	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	62572	27.373	ug/L	97
46) Tetrachloroethene	10.810	164	58150	23.556	ug/L	92
48) 2-Hexanone	10.922	43	81528	57.419	ug/L	99
49) Dibromochloromethane	11.069	129	71978	27.708	ug/L	94
50) 1,2-Dibromoethane	11.181	107	60936	27.466	ug/L	94
51) Chlorobenzene	11.604	112	196628	24.110	ug/L	96
52) Ethylbenzene	11.681	91	330649	23.484	ug/L	97
53) m,p-Xylene	11.793	106	123118	22.251	ug/L	97
54) o-Xylene	12.122	106	120246	22.824	ug/L	90
55) Styrene	12.134	104	219245	24.088	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	78124	29.905	ug/L #	97
59) Bromoform	12.298	173	46300	27.085	ug/L	97
60) Isopropylbenzene	12.422	105	324195	22.197	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	52091	28.109	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	263344	22.536	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	261096	22.642	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	148320	22.826	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	147482	22.517	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	133945	23.139	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	12362	29.932	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	97196	22.426	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	88915	23.057	ug/L	97
71) Naphthalene	15.334	128	198036	26.822	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	78072	23.313	ug/L	96

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

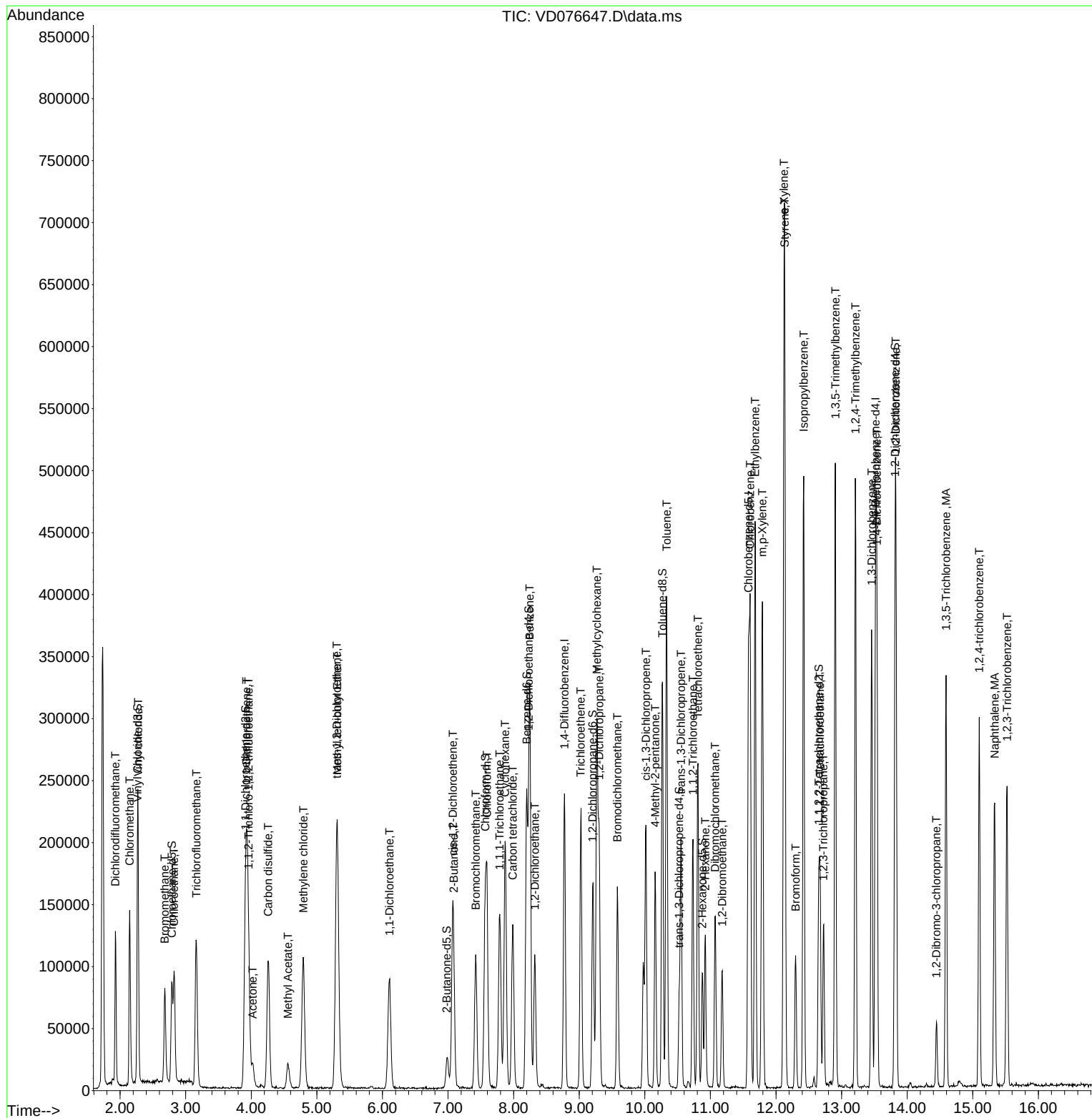
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
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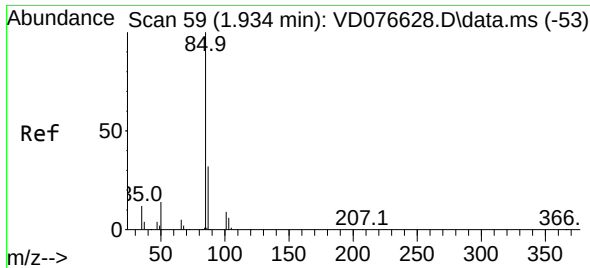
Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q2MS

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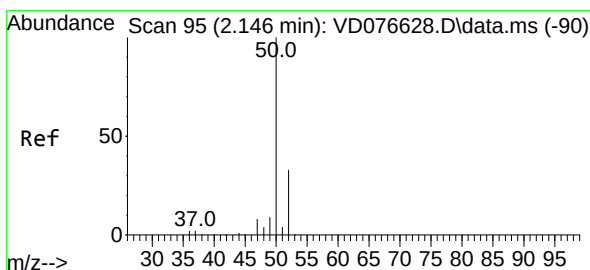
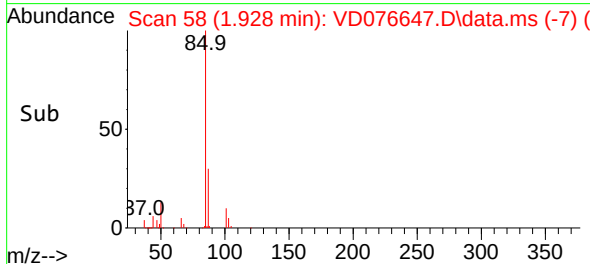
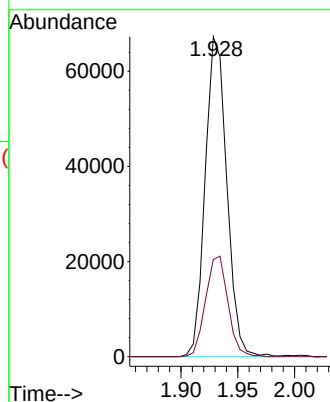
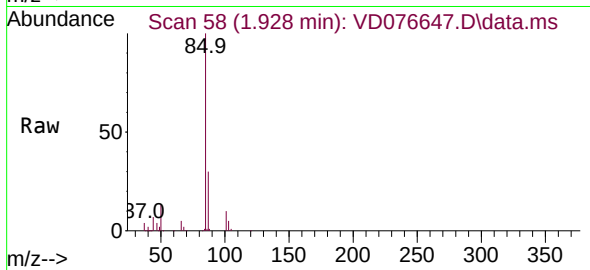
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Dichlorodifluoromethane
Concen: 27.984 ug/L
RT: 1.928 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS

Tgt Ion: 85 Resp: 8909
Ion Ratio Lower Upper
85 100
87 32.4 26.3 39.5

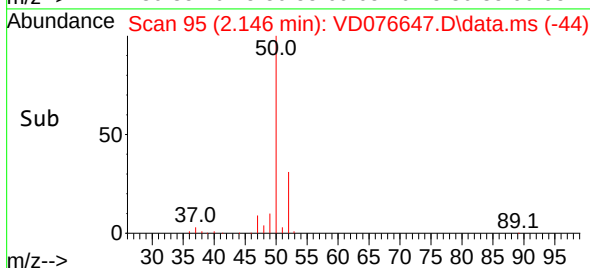
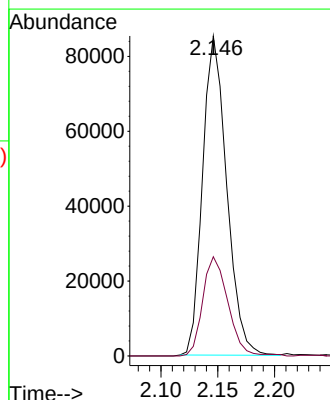
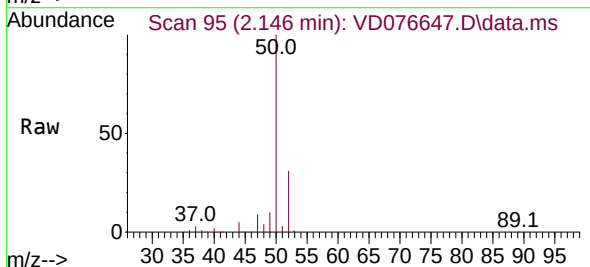
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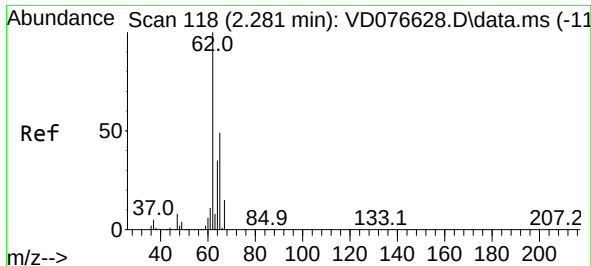
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#3
Chloromethane
Concen: 23.788 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

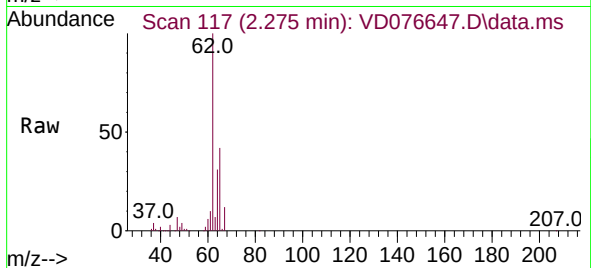
Tgt Ion: 50 Resp: 125906
Ion Ratio Lower Upper
50 100
52 31.0 23.2 43.2





#5
 Vinyl chloride
 Concen: 22.721 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VD076647.D
 Acq: 29 Jun 2023 19:24

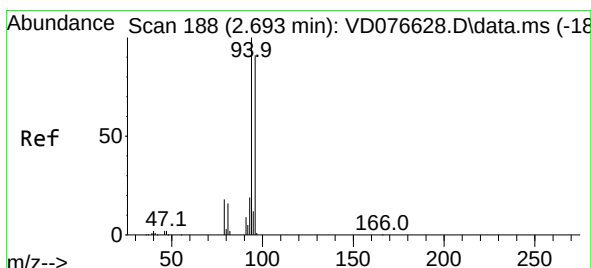
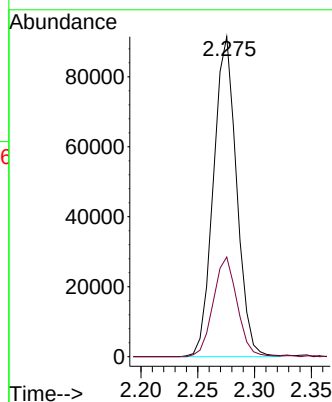
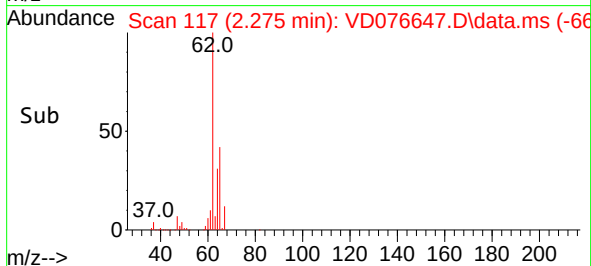
Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q2MS



Tgt Ion: 62 Resp: 12973
 Ion Ratio Lower Upper
 62 100
 64 31.2 21.1 39.1

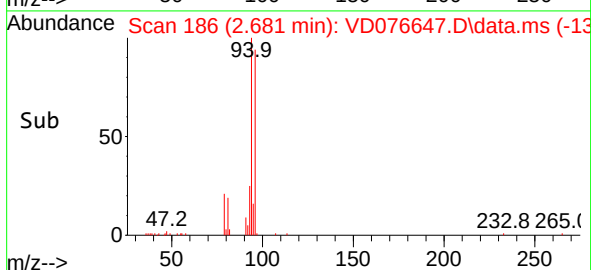
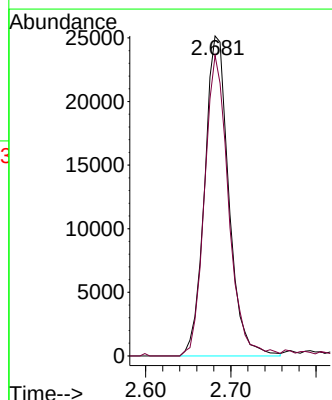
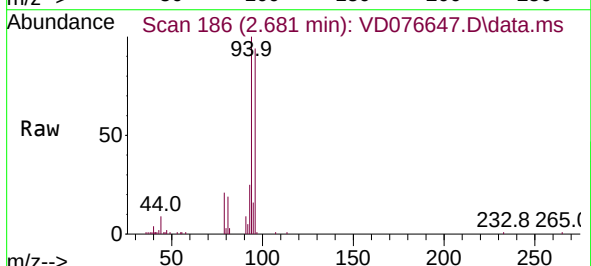
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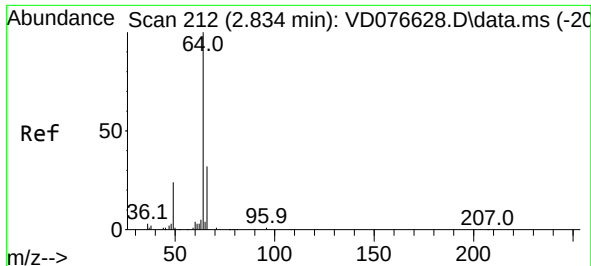
Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023



#6
 Bromomethane
 Concen: 15.713 ug/L
 RT: 2.681 min Scan# 186
 Delta R.T. -0.006 min
 Lab File: VD076647.D
 Acq: 29 Jun 2023 19:24

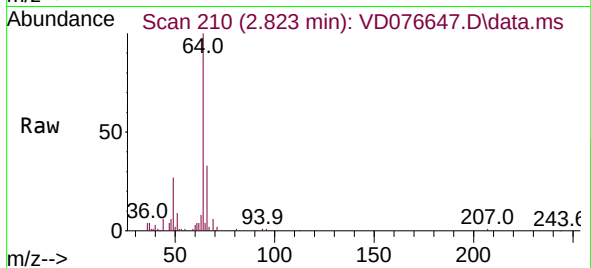
Tgt Ion: 94 Resp: 49693
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.7 120.1





#8
Chloroethane
Concen: 22.152 ug/L
RT: 2.823 min Scan# 212
Delta R.T. -0.012 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

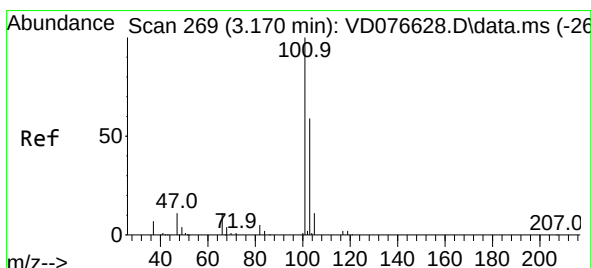
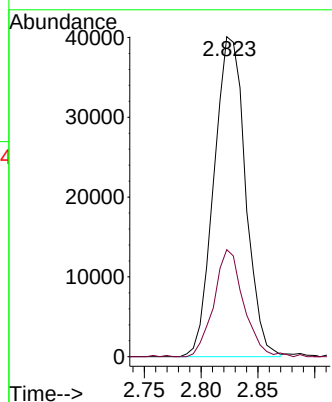
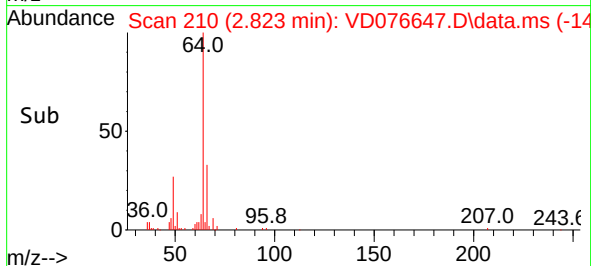
Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS



Tgt Ion: 64 Resp: 77478
Ion Ratio Lower Upper
64 100
66 33.5 22.1 41.1

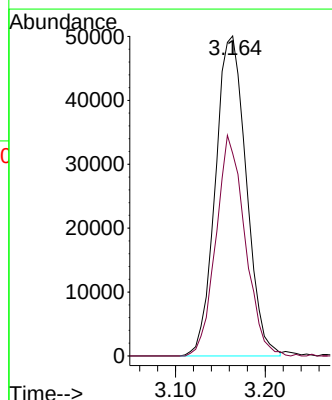
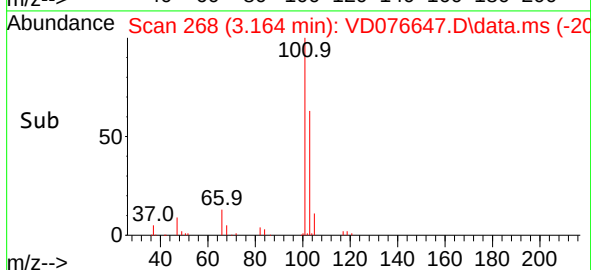
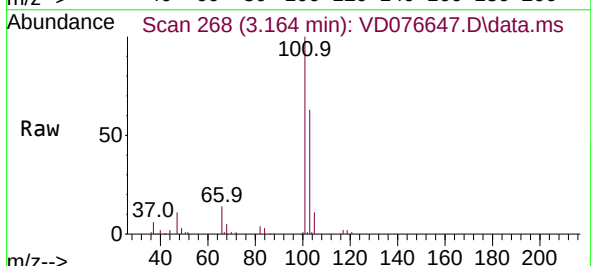
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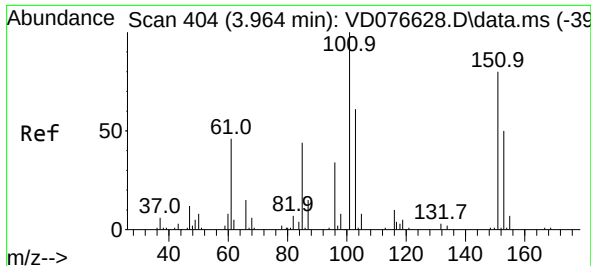
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#9
Trichlorofluoromethane
Concen: 28.928 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Tgt Ion:101 Resp: 119426
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6





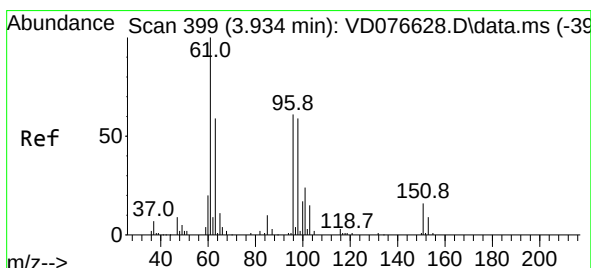
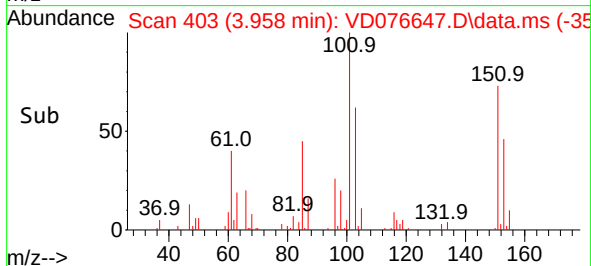
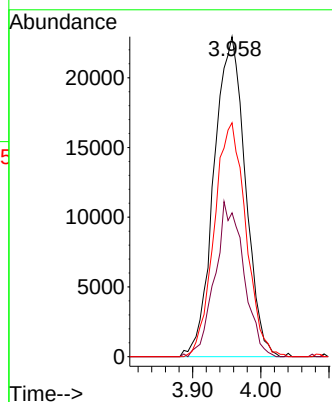
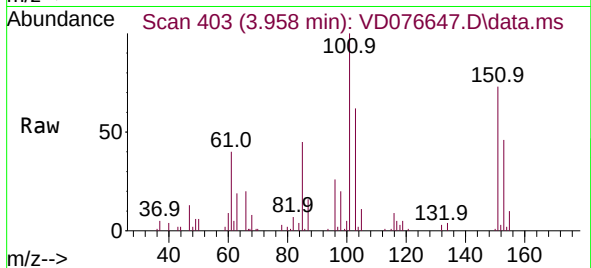
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.453 ug/L
RT: 3.958 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD076647.D
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Tgt Ion:101 Resp: 73510
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 73.7 58.6 87.8

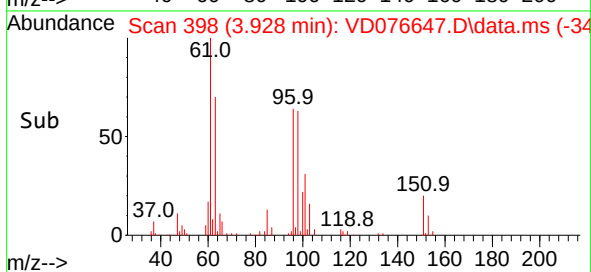
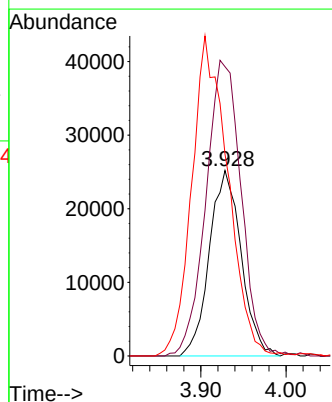
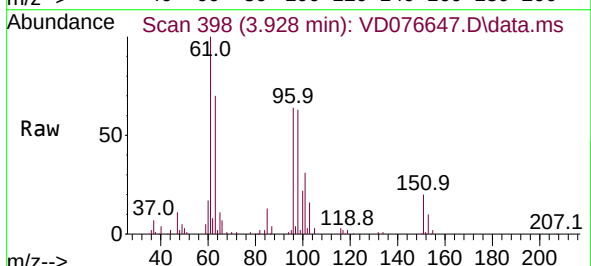
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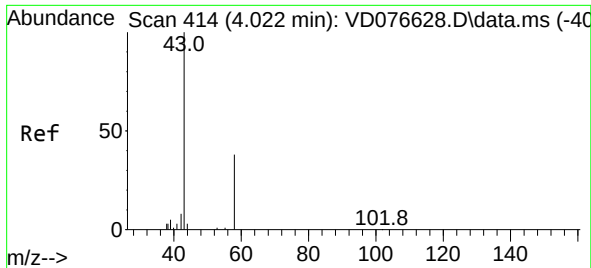
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#12
1,1-Dichloroethene
Concen: 24.612 ug/L
RT: 3.928 min Scan# 398
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Tgt Ion: 96 Resp: 65265
Ion Ratio Lower Upper
96 100
61 156.0 113.0 209.8
63 108.8 83.6 155.2





#13

Acetone

Concen: 55.175 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD076647.D

Acq: 29 Jun 2023 19:24

Instrument :

MSVOA_D

ClientSampleId :

A46Q2MS

Tgt Ion: 43 Resp: 3358

Ion Ratio Lower Upper

43 100

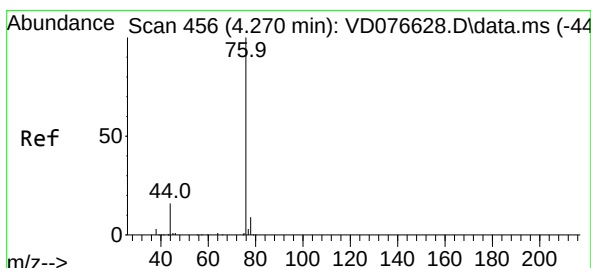
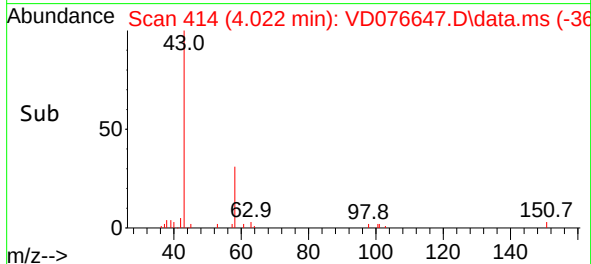
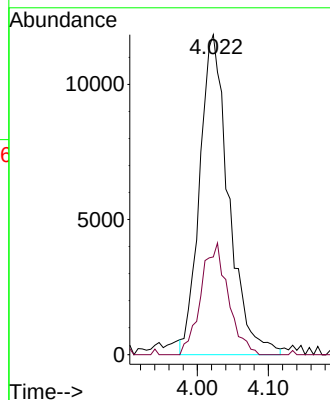
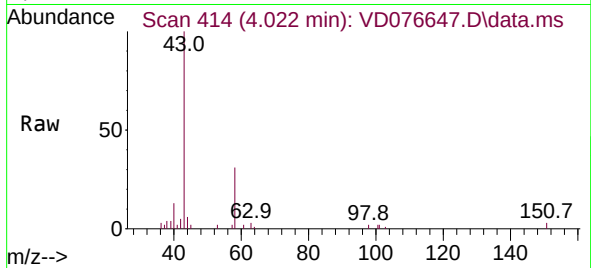
58 19.7 0.0 67.4

Manual Integrations

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Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#14

Carbon disulfide

Concen: 22.319 ug/L

RT: 4.258 min Scan# 454

Delta R.T. -0.006 min

Lab File: VD076647.D

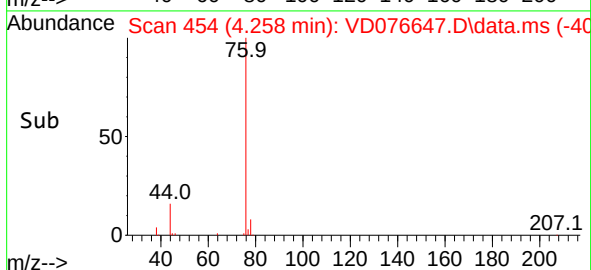
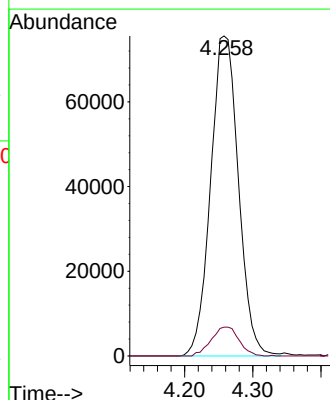
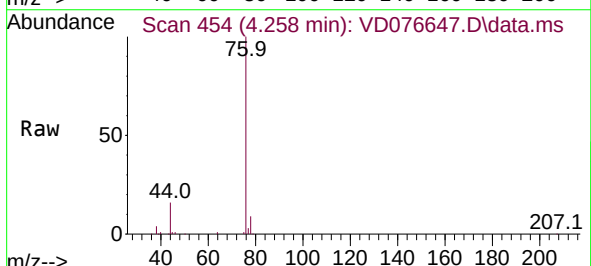
Acq: 29 Jun 2023 19:24

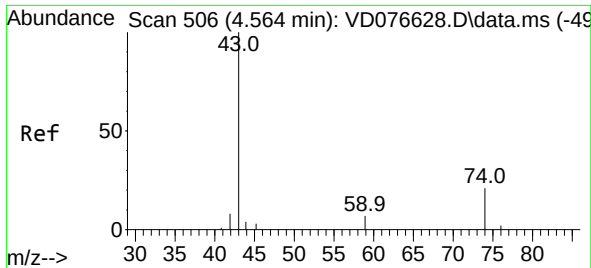
Tgt Ion: 76 Resp: 214540

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4





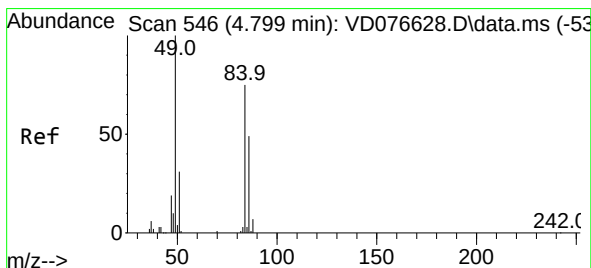
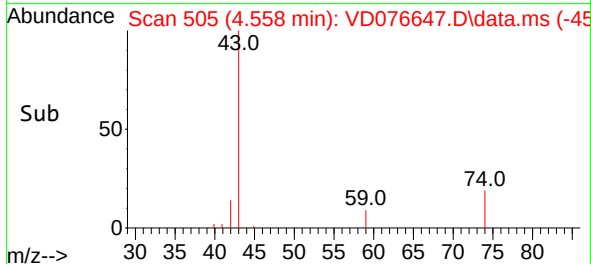
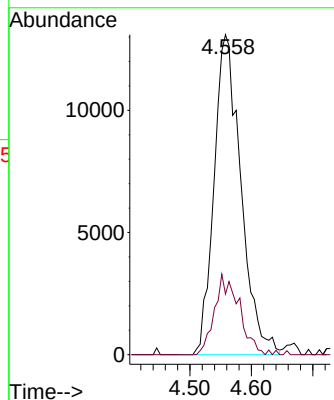
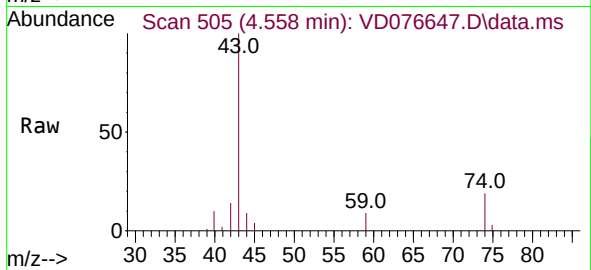
#15
Methyl Acetate
Concen: 28.591 ug/L m
RT: 4.558 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS

Tgt Ion: 43 Resp: 39720
Ion Ratio Lower Upper
43 100
74 0.2 18.2 27.2

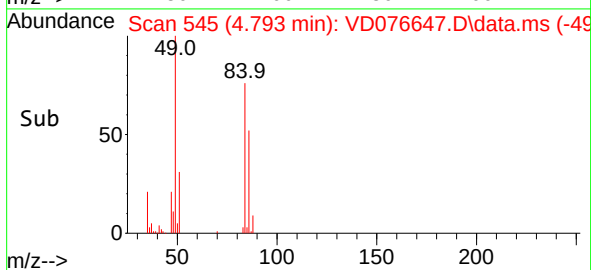
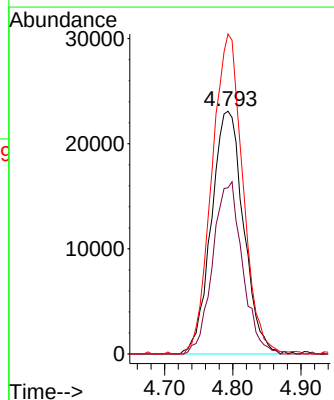
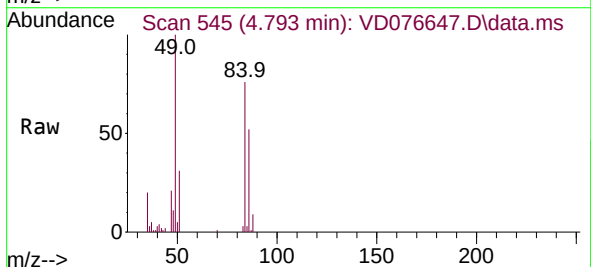
Manual Integrations
APPROVED

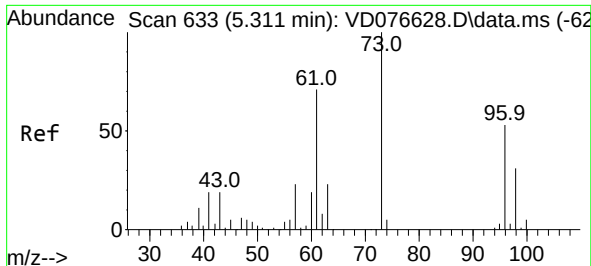
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#16
Methylene chloride
Concen: 21.353 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Tgt Ion: 84 Resp: 75832
Ion Ratio Lower Upper
84 100
86 68.5 45.1 83.9
49 131.9 97.2 180.6





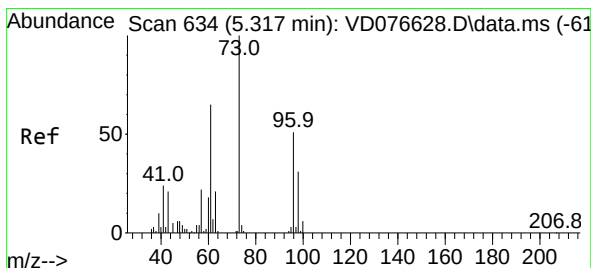
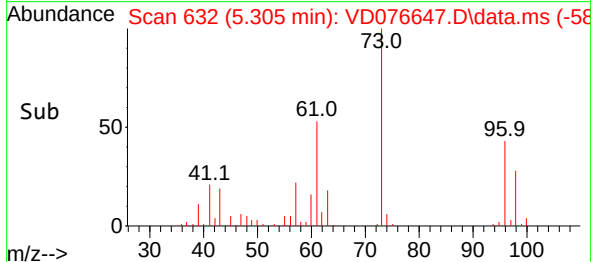
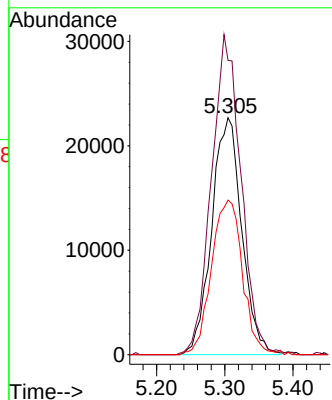
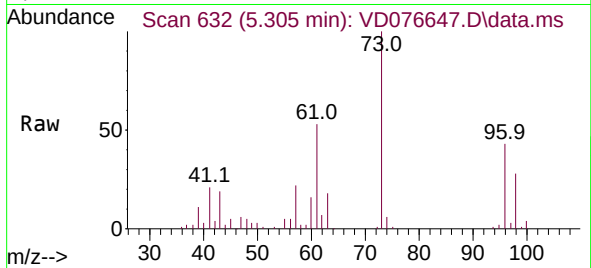
#17
trans-1,2-Dichloroethene
Concen: 23.553 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS

Tgt Ion: 96 Resp: 6963
Ion Ratio Lower Upper
96 100
61 124.2 94.5 175.5
98 65.2 46.0 85.4

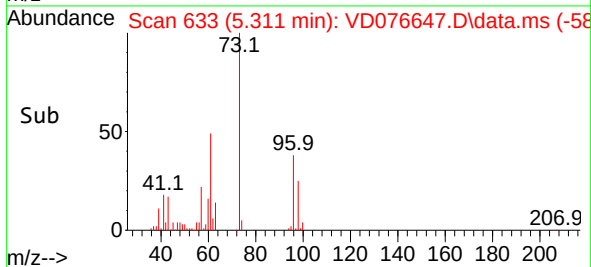
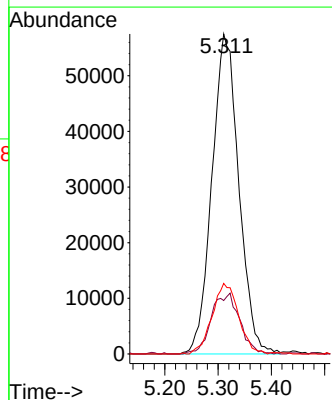
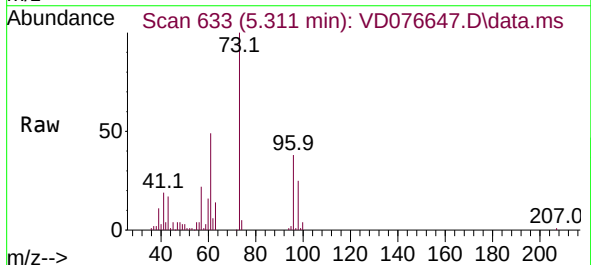
Manual Integrations
APPROVED

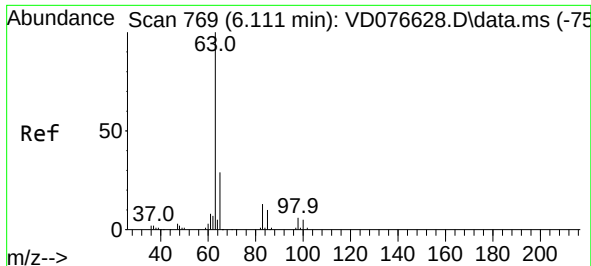
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#18
Methyl tert-butyl Ether
Concen: 29.950 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Tgt Ion: 73 Resp: 201583
Ion Ratio Lower Upper
73 100
43 9.9 7.2 10.8
57 21.7 18.6 28.0





#19

1,1-Dichloroethane

Concen: 23.872 ug/L

RT: 6.105 min Scan# 768

Delta R.T. 0.000 min

Lab File: VD076647.D

Acq: 29 Jun 2023 19:24

Instrument :

MSVOA_D

ClientSampleId :

A46Q2MS

Tgt Ion: 63 Resp: 129029

Ion Ratio Lower Upper

63 100

65 30.9 20.8 38.6

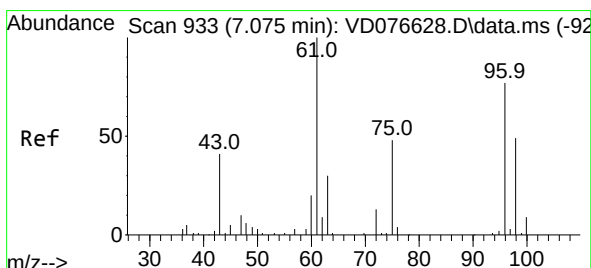
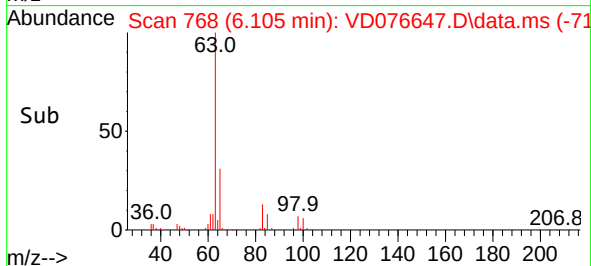
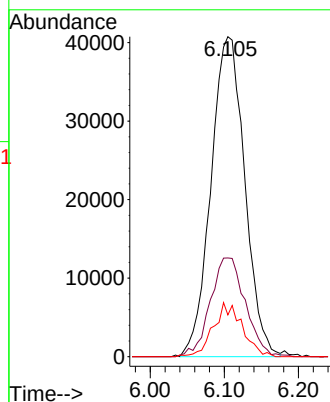
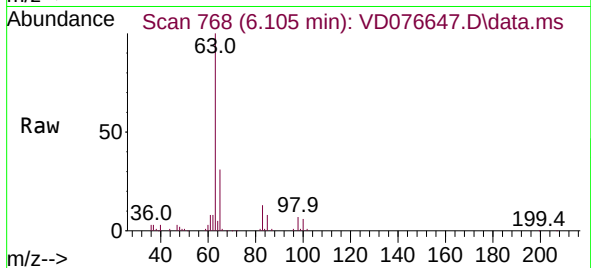
83 13.0 8.9 16.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#20

cis-1,2-Dichloroethene

Concen: 23.510 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076647.D

Acq: 29 Jun 2023 19:24

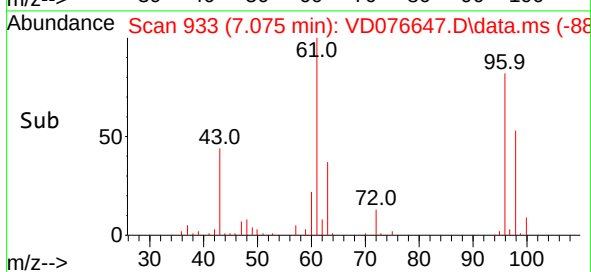
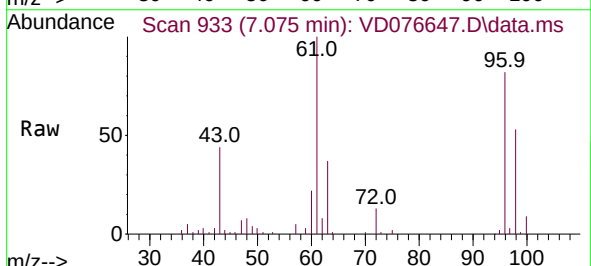
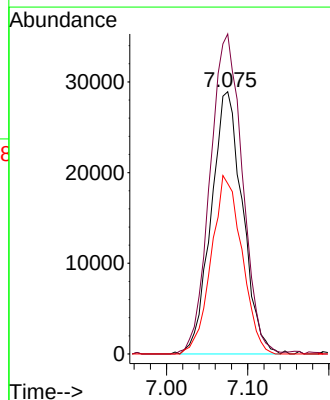
Tgt Ion: 96 Resp: 77622

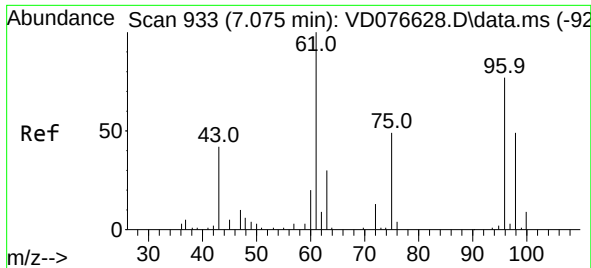
Ion Ratio Lower Upper

96 100

61 122.0 86.0 159.6

98 65.0 42.2 78.4





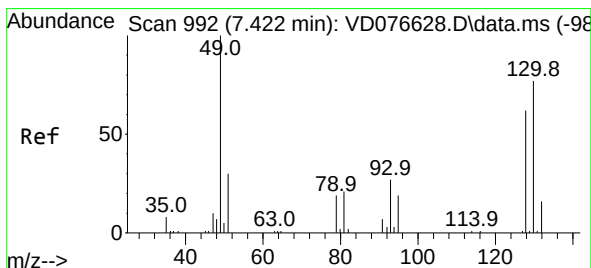
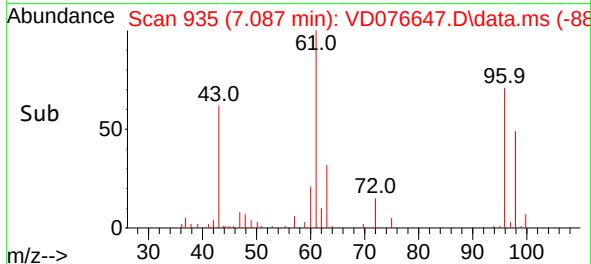
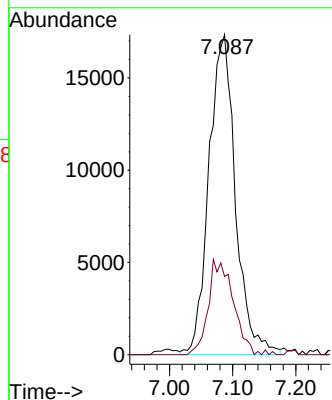
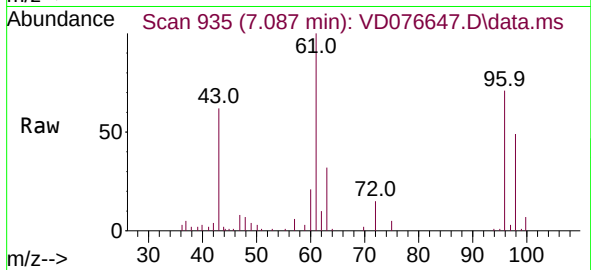
#22
2-Butanone
Concen: 51.597 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS

Tgt Ion: 43 Resp: 5068
Ion Ratio Lower Upper
43 100
72 27.7 12.9 38.7

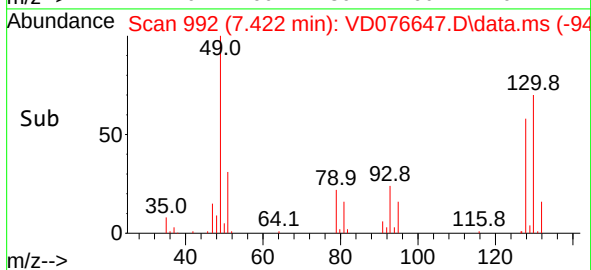
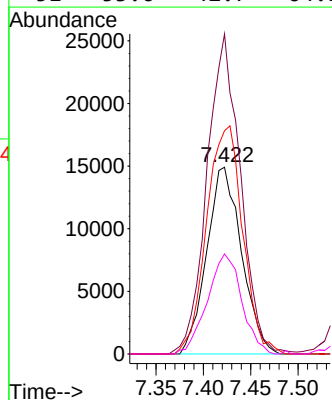
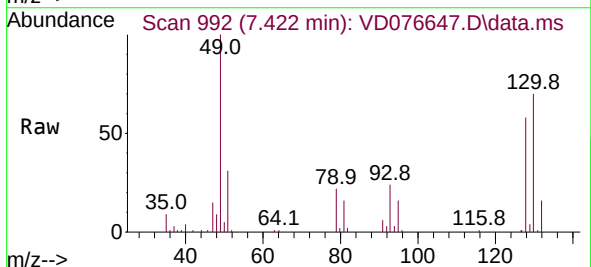
Manual Integrations
APPROVED

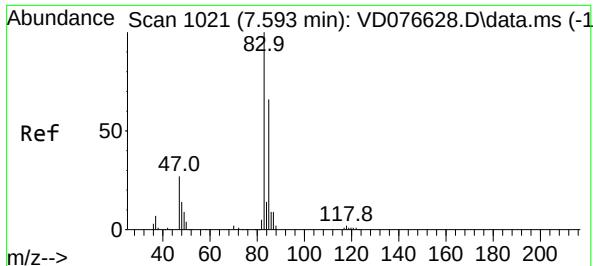
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#23
Bromochloromethane
Concen: 27.224 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Tgt Ion:128 Resp: 38149
Ion Ratio Lower Upper
128 100
49 171.3 124.7 231.7
130 119.5 80.0 148.6
51 53.6 42.7 64.1





#25

Chloroform

Concen: 25.535 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076647.D

Acq: 29 Jun 2023 19:24

Instrument :

MSVOA_D

ClientSampleId :

A46Q2MS

Tgt Ion: 83 Resp: 13469

Ion Ratio Lower Upper

83 100

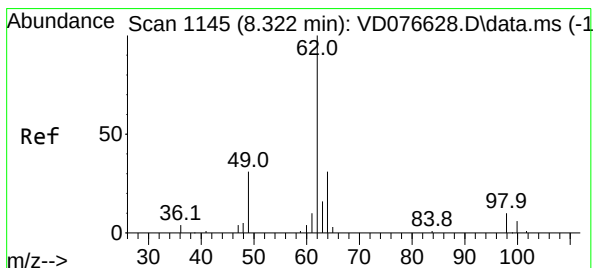
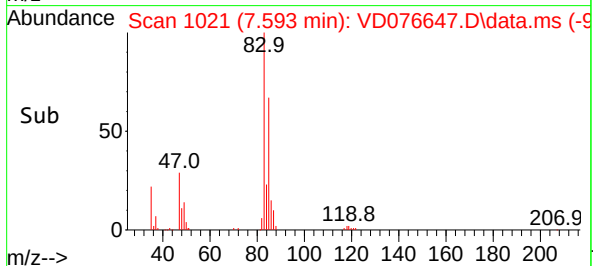
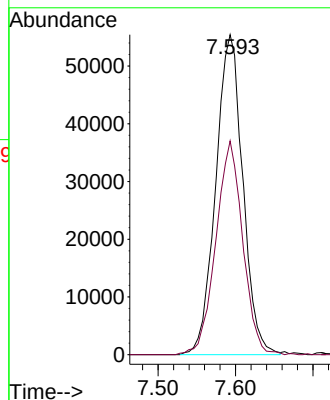
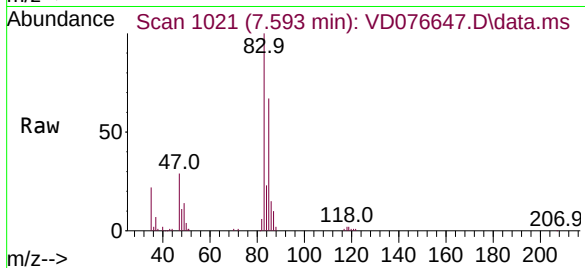
85 66.8 45.4 84.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#27

1,2-Dichloroethane

Concen: 28.736 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD076647.D

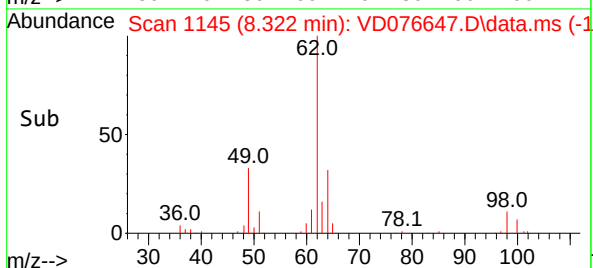
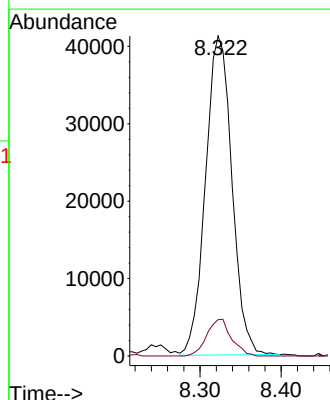
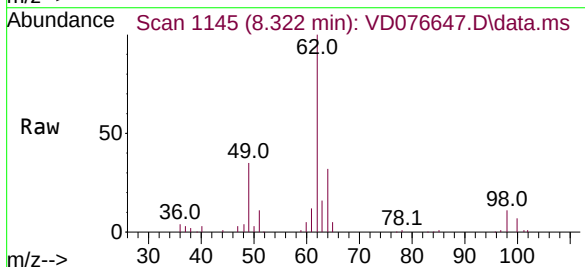
Acq: 29 Jun 2023 19:24

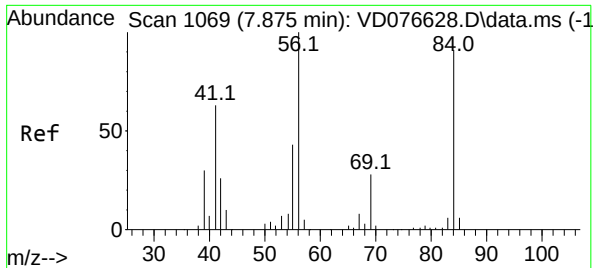
Tgt Ion: 62 Resp: 93219

Ion Ratio Lower Upper

62 100

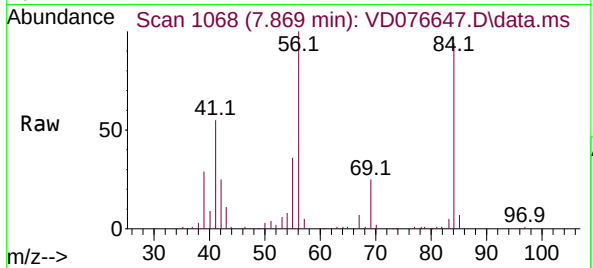
98 11.3 8.7 13.1





#29
Cyclohexane
Concen: 22.141 ug/L
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

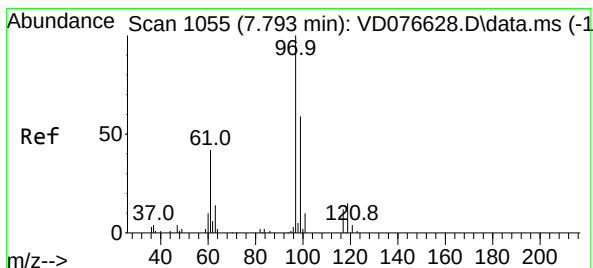
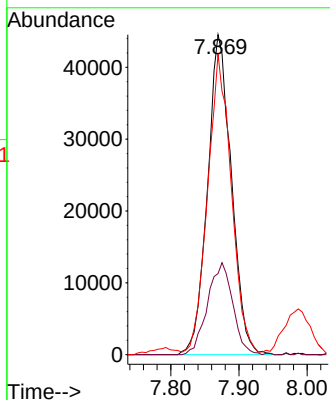
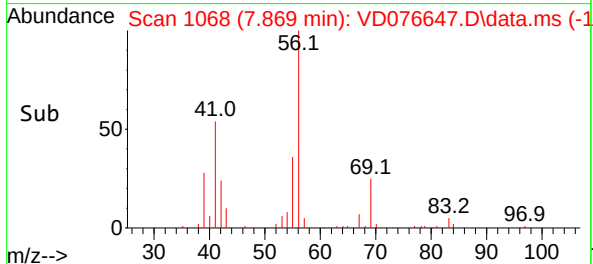
Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS



Tgt Ion: 56 Resp: 10874
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.0
84 93.6 66.3 99.5

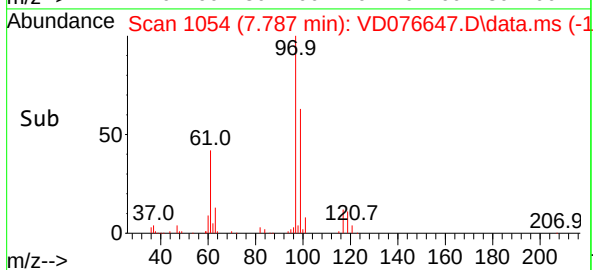
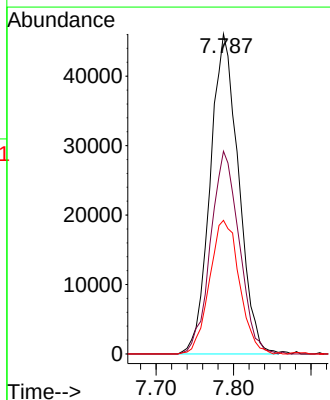
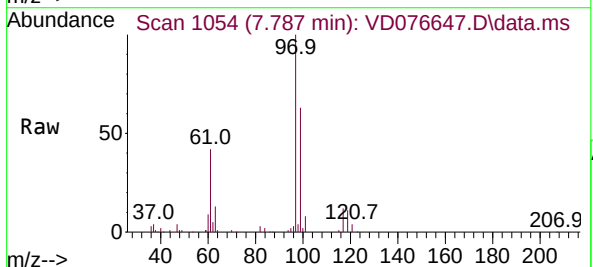
Manual Integrations
APPROVED

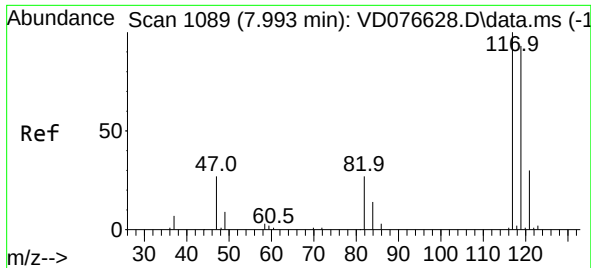
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#30
1,1,1-Trichloroethane
Concen: 27.329 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

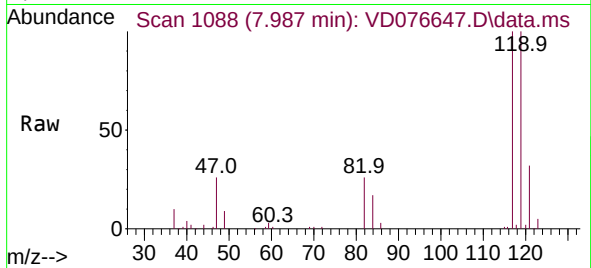
Tgt Ion: 97 Resp: 117256
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 43.9 36.4 54.6





#31
Carbon tetrachloride
Concen: 28.635 ug/L
RT: 7.987 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

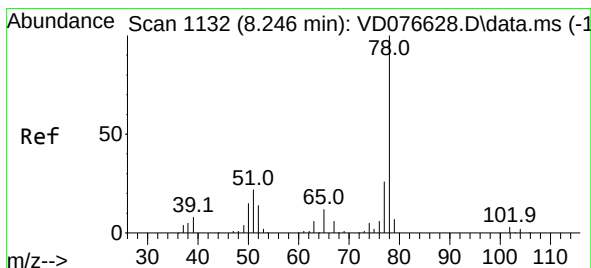
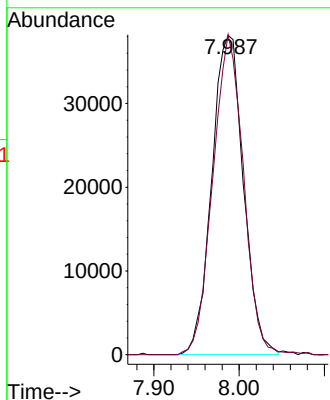
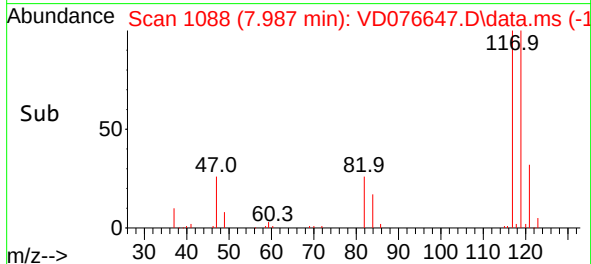
Instrument :
MSVOA_D
Client Sample Id :
A46Q2MS



Tgt Ion:117 Resp: 98259
Ion Ratio Lower Upper
117 100
119 96.8 77.8 116.6

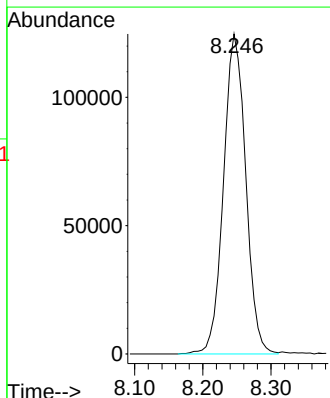
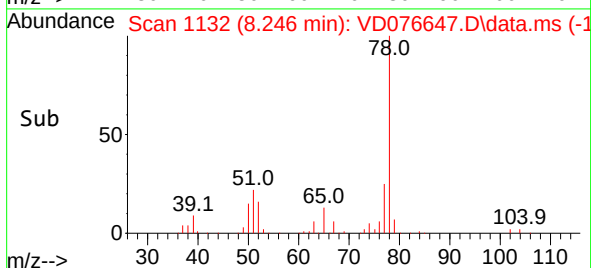
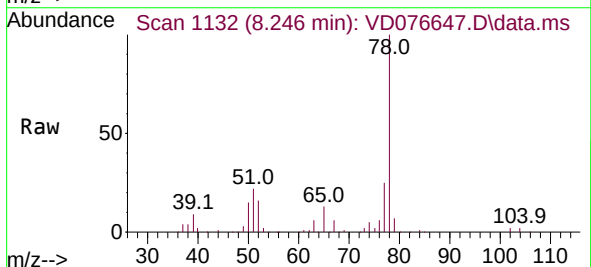
Manual Integrations
APPROVED

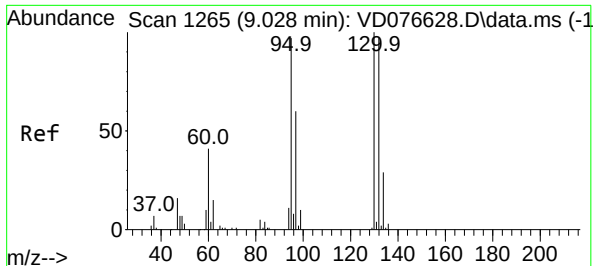
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#33
Benzene
Concen: 23.168 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

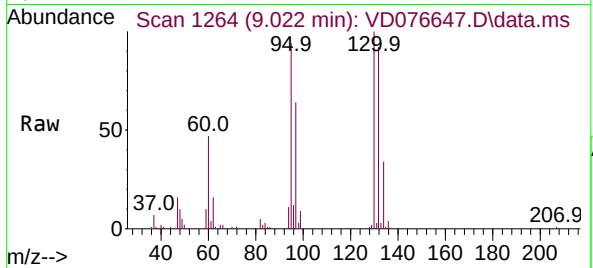
Tgt Ion: 78 Resp: 283196





#34
Trichloroethene
Concen: 23.295 ug/L
RT: 9.022 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

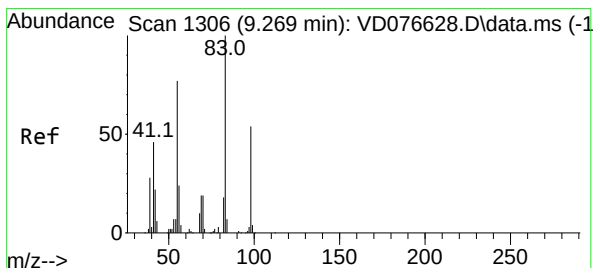
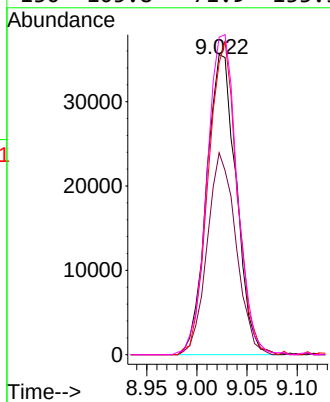
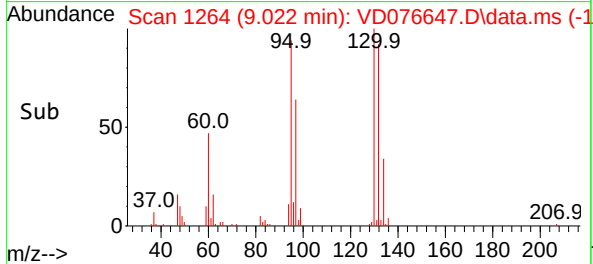
Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS



Tgt Ion: 95 Resp: 73149
Ion Ratio Lower Upper
95 100
97 67.3 43.1 80.1
132 97.3 71.8 133.4
130 105.8 71.9 133.5

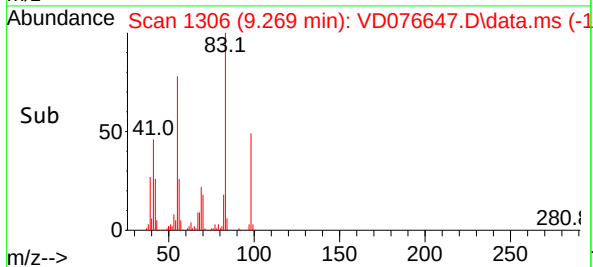
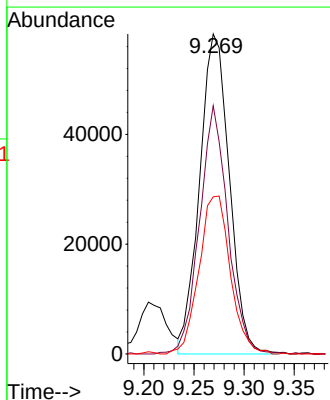
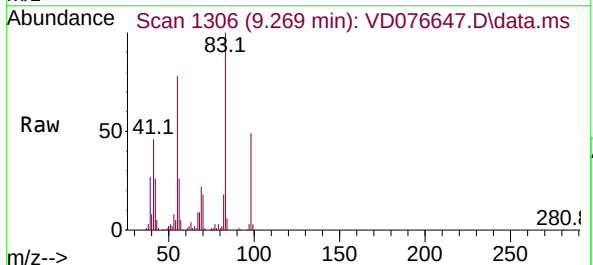
Manual Integrations
APPROVED

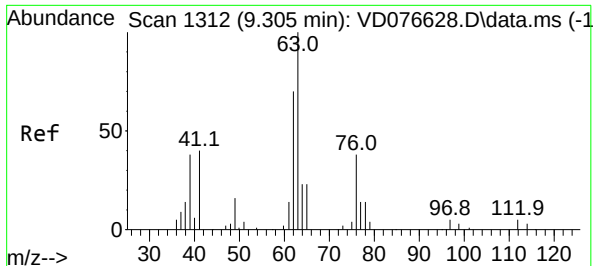
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#35
Methylcyclohexane
Concen: 23.796 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Tgt Ion: 83 Resp: 120493
Ion Ratio Lower Upper
83 100
55 73.8 59.8 89.6
98 51.9 37.8 56.6





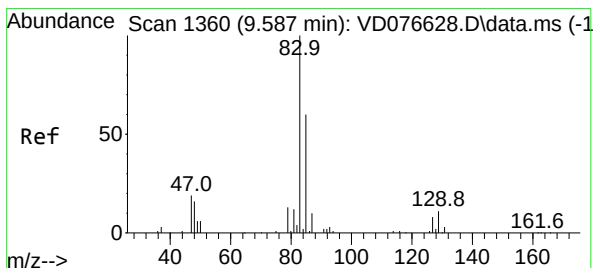
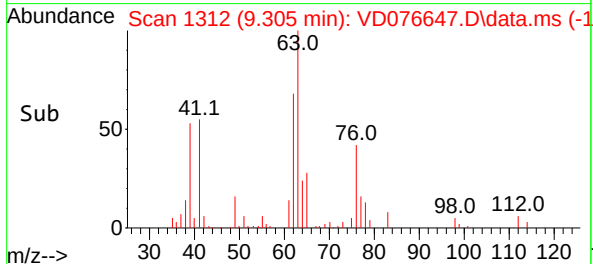
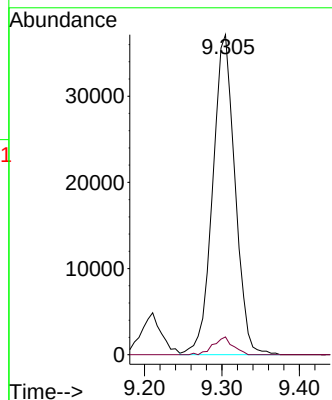
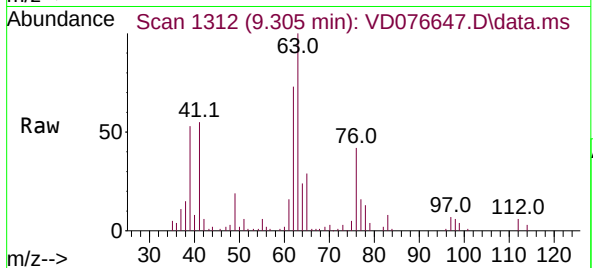
#37
1,2-Dichloropropane
Concen: 22.374 ug/L
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS

Tgt Ion: 63 Resp: 74562
Ion Ratio Lower Upper
63 100
112 4.7 3.1 4.7

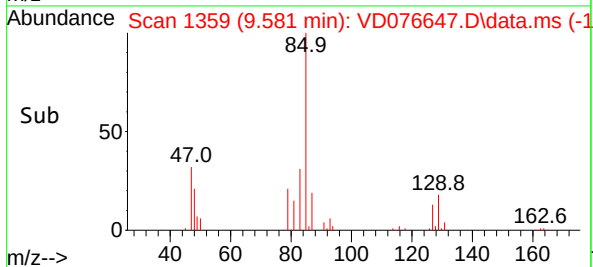
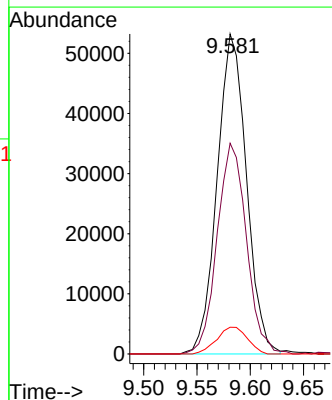
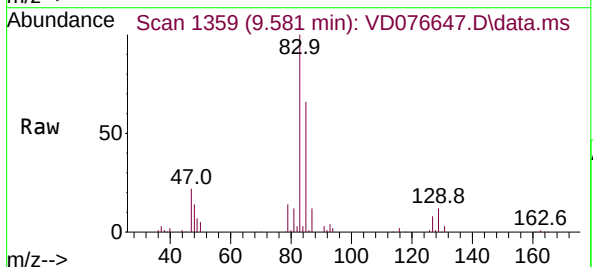
Manual Integrations
APPROVED

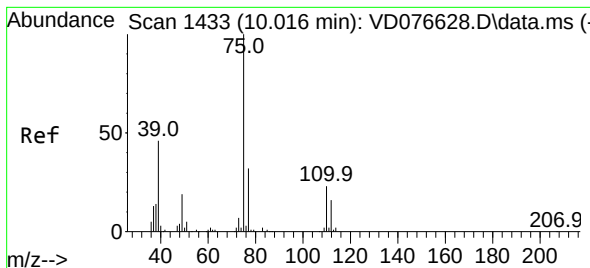
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#38
Bromodichloromethane
Concen: 26.802 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Tgt Ion: 83 Resp: 101875
Ion Ratio Lower Upper
83 100
85 65.8 43.9 81.5
127 8.4 6.6 9.8





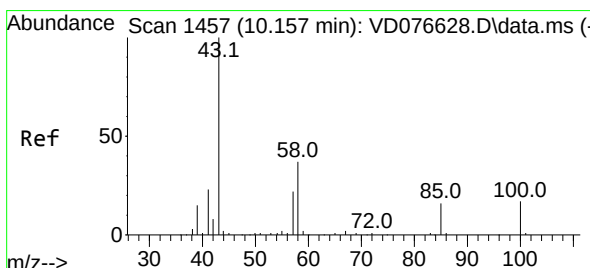
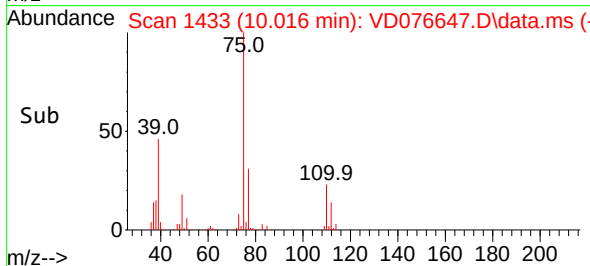
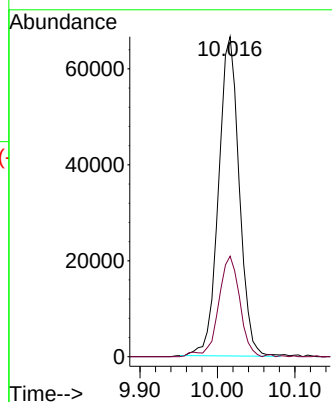
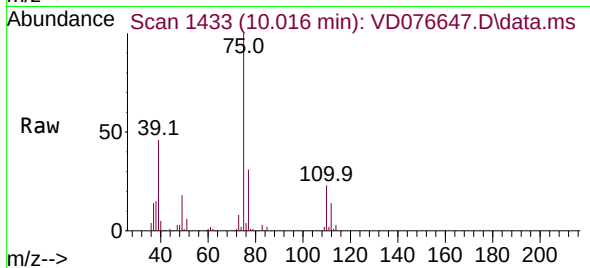
#39
cis-1,3-Dichloropropene
Concen: 24.253 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS

Tgt Ion: 75 Resp: 12341
Ion Ratio Lower Upper
75 100
77 31.4 22.7 42.3

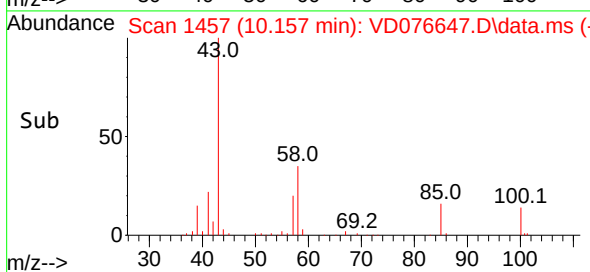
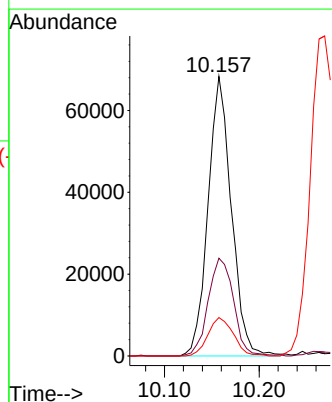
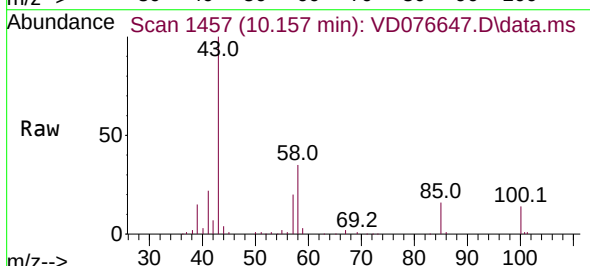
Manual Integrations
APPROVED

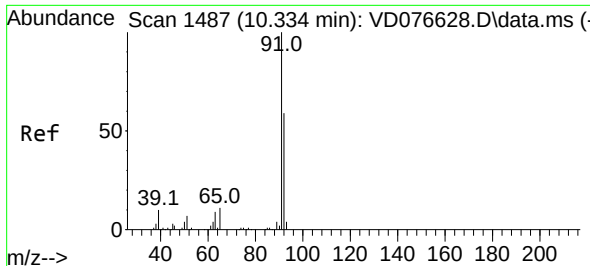
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#40
4-Methyl-2-pentanone
Concen: 56.404 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

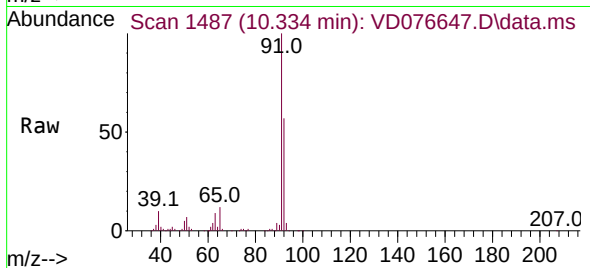
Tgt Ion: 43 Resp: 116936
Ion Ratio Lower Upper
43 100
58 37.9 30.7 46.1
100 15.0 11.0 16.4





#42
Toluene
Concen: 23.122 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

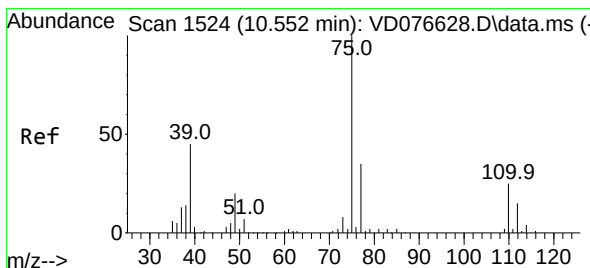
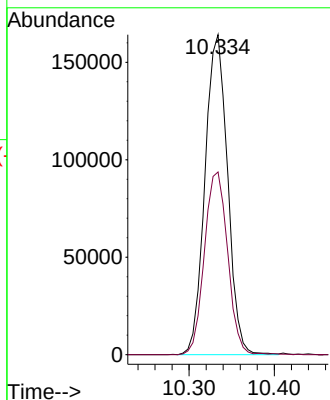
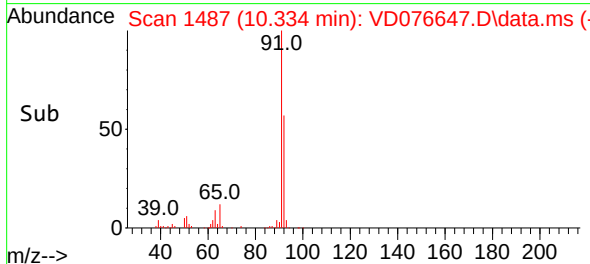
Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS



Tgt Ion: 91 Resp: 302030
Ion Ratio Lower Upper
91 100
92 57.1 39.3 73.1

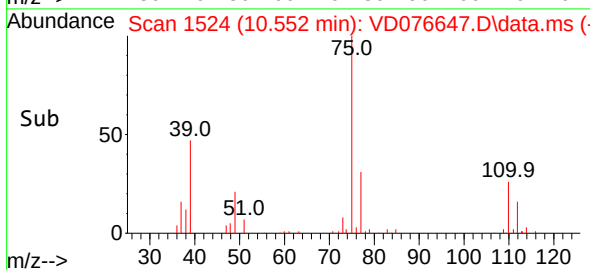
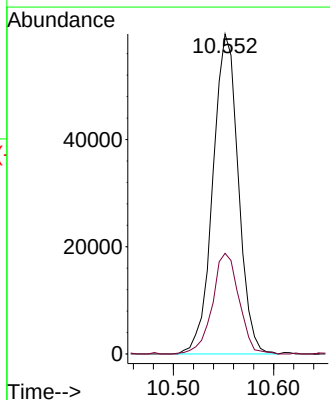
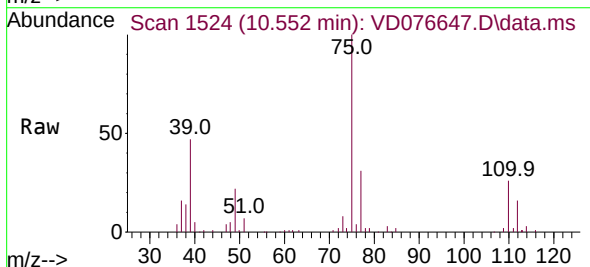
Manual Integrations
APPROVED

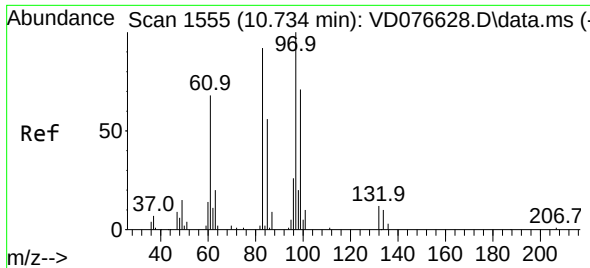
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#44
trans-1,3-Dichloropropene
Concen: 25.400 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

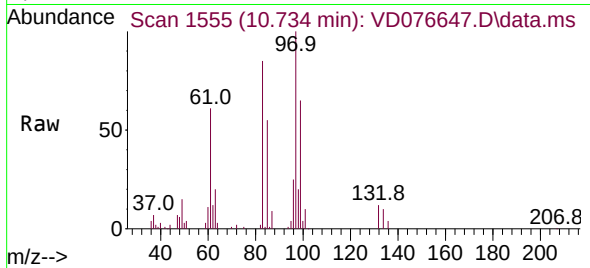
Tgt Ion: 75 Resp: 105062
Ion Ratio Lower Upper
75 100
77 31.4 22.5 41.7





#45
1,1,2-Trichloroethane
Concen: 27.373 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

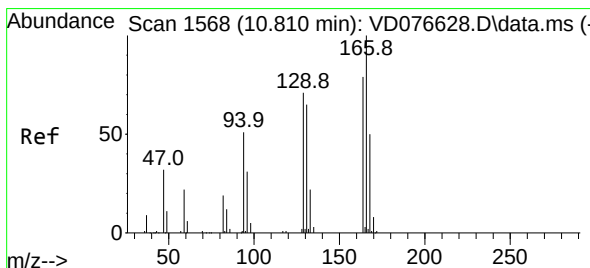
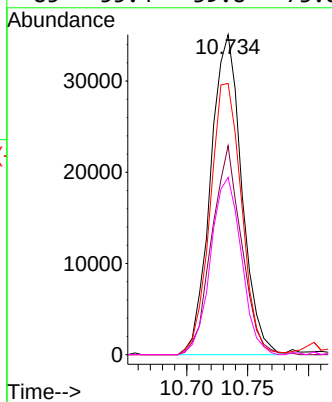
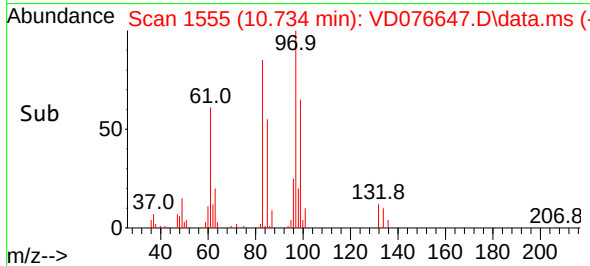
Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS



Tgt Ion:	97	Resp:	6257
Ion	Ratio	Lower	Upper
97	100		
99	65.3	41.9	77.9
83	84.7	59.2	110.0
85	55.4	39.8	73.8

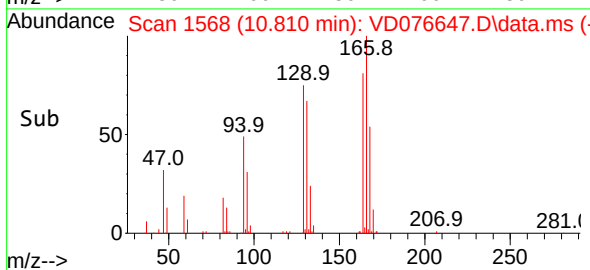
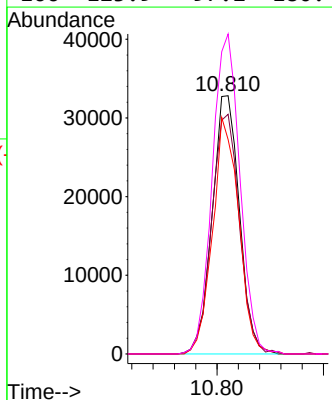
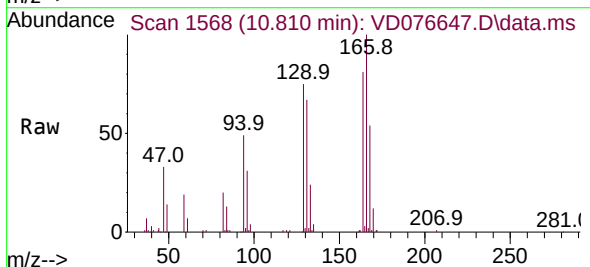
Manual Integrations
APPROVED

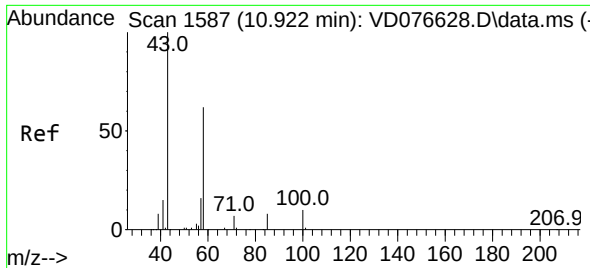
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#46
Tetrachloroethene
Concen: 23.556 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

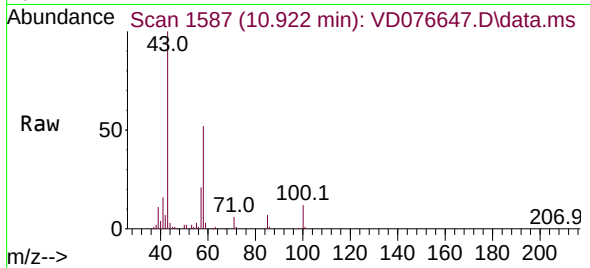
Tgt Ion:	164	Resp:	58150
Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.5	121.6
131	83.0	64.8	120.3
166	123.9	97.2	180.4





#48
2-Hexanone
Concen: 57.419 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

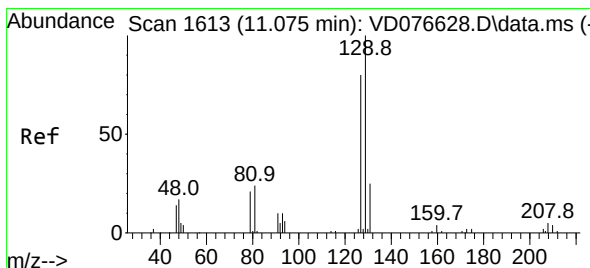
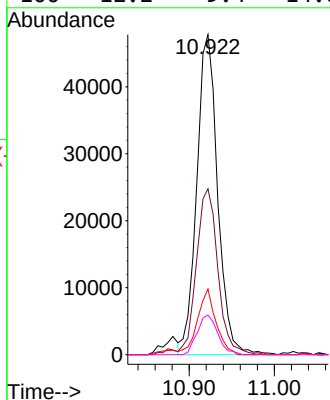
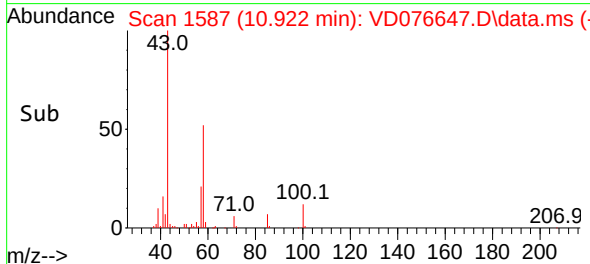
Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS



Tgt Ion: 43 Resp: 81528
Ion Ratio Lower Upper
43 100
58 53.0 42.9 64.3
57 18.1 13.7 20.5
100 12.2 9.4 14.0

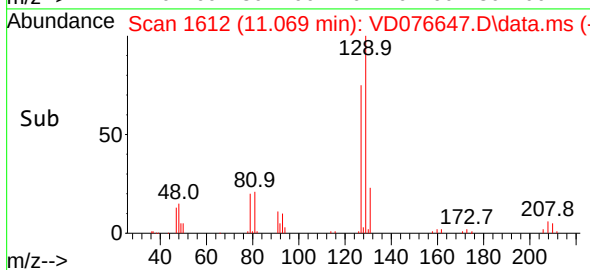
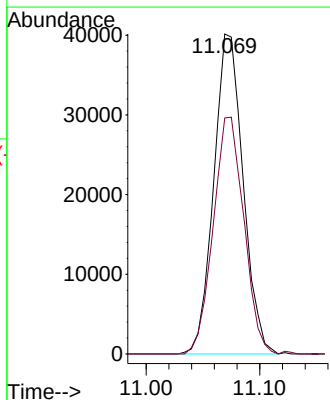
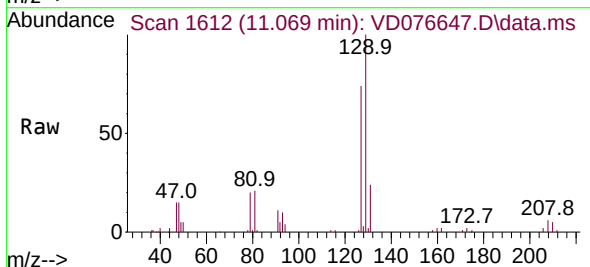
Manual Integrations
APPROVED

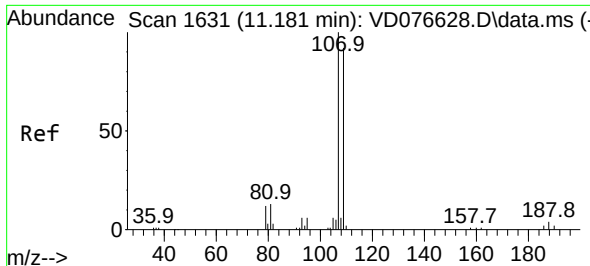
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#49
Dibromochloromethane
Concen: 27.708 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

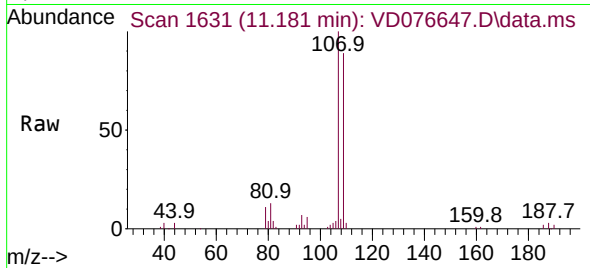
Tgt Ion:129 Resp: 71978
Ion Ratio Lower Upper
129 100
127 73.8 55.2 102.6





#50
1,2-Dibromoethane
Concen: 27.466 ug/L
RT: 11.181 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

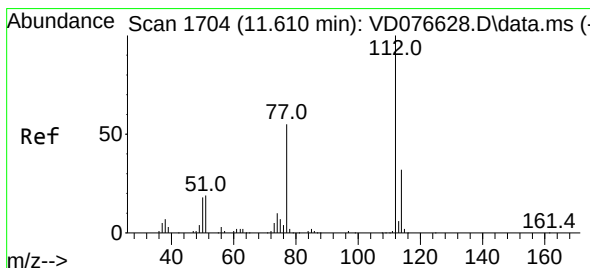
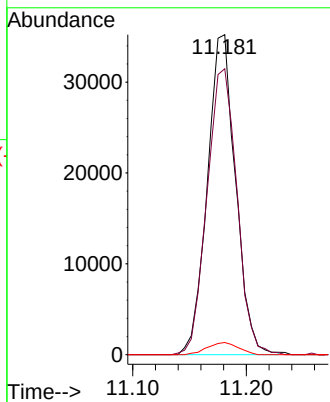
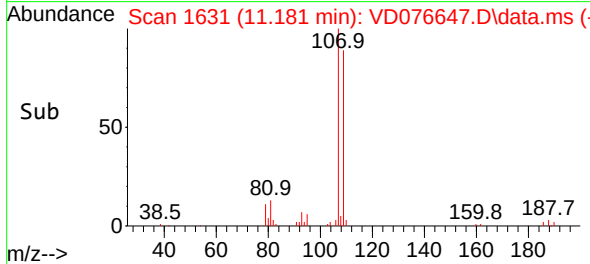
Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS



Tgt Ion:107 Resp: 60930
Ion Ratio Lower Upper
107 100
109 89.4 58.8 109.2
188 3.8 2.9 4.3

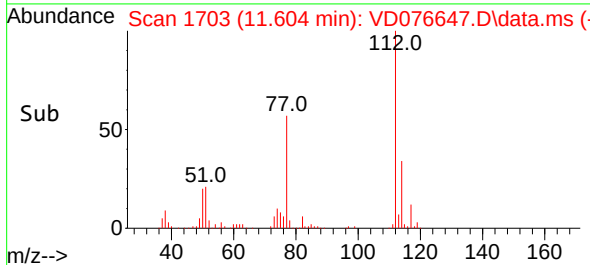
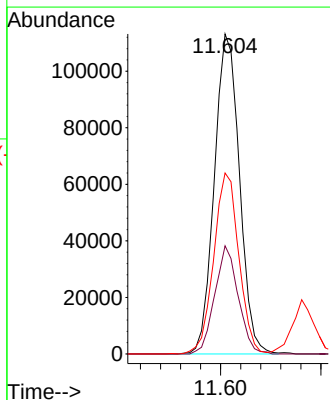
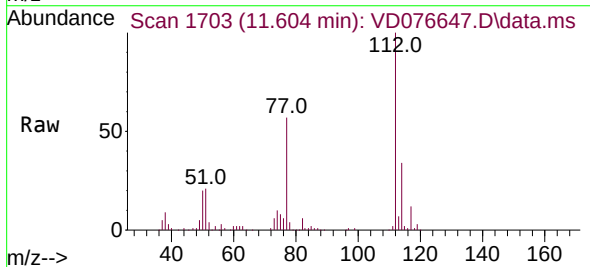
Manual Integrations
APPROVED

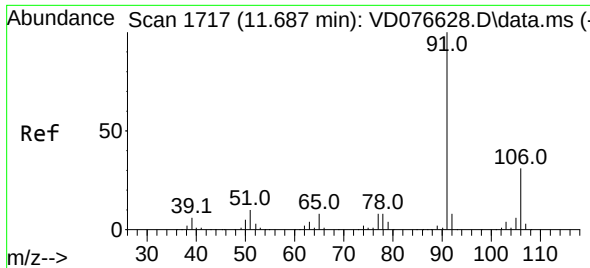
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#51
Chlorobenzene
Concen: 24.110 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Tgt Ion:112 Resp: 196628
Ion Ratio Lower Upper
112 100
114 33.8 21.5 39.9
77 56.5 43.4 65.2





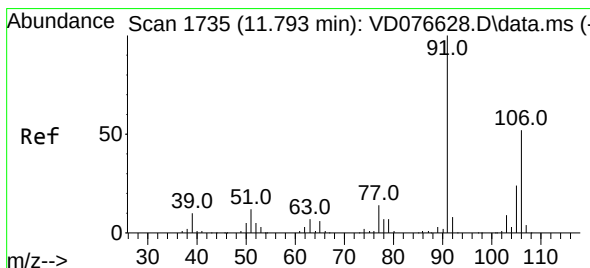
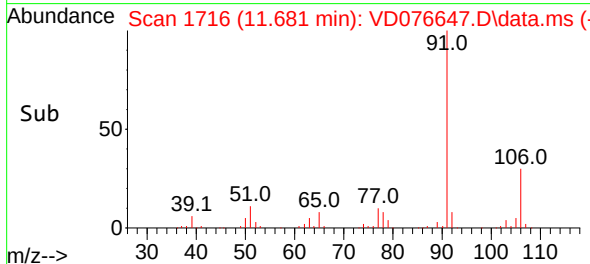
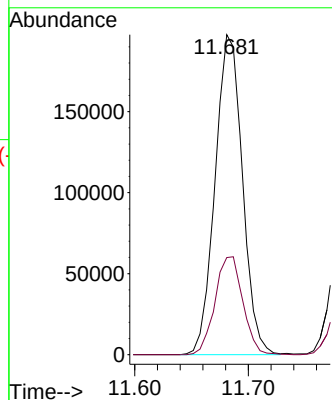
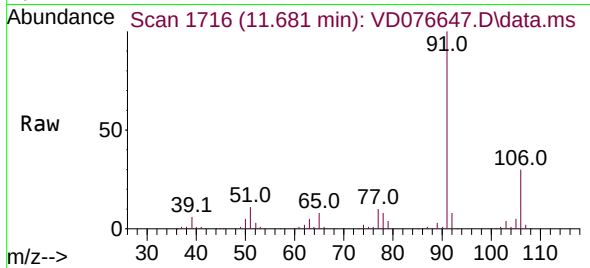
#52
Ethylbenzene
Concen: 23.484 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS

Tgt Ion: 91 Resp: 330649
Ion Ratio Lower Upper
91 100
106 30.3 22.4 41.6

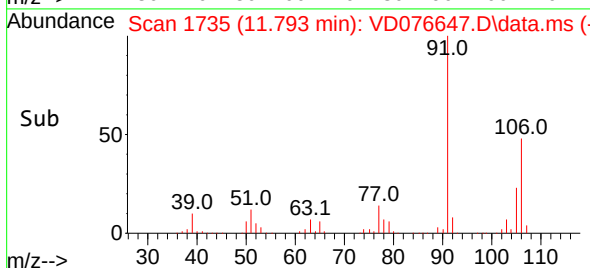
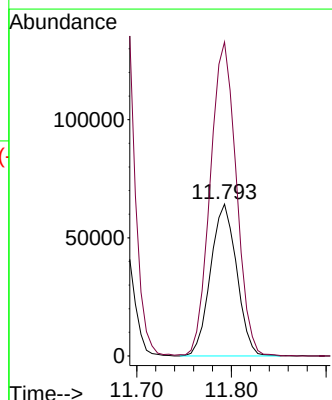
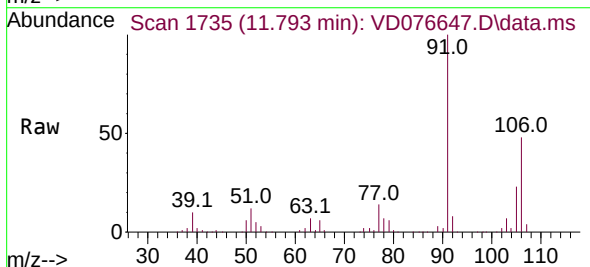
Manual Integrations
APPROVED

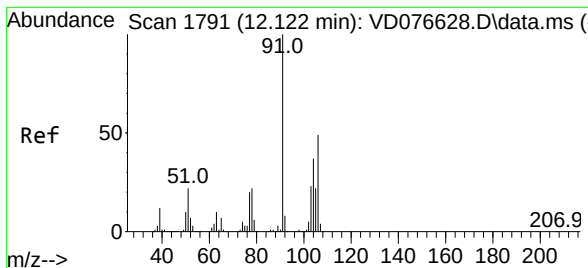
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#53
m,p-Xylene
Concen: 22.251 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

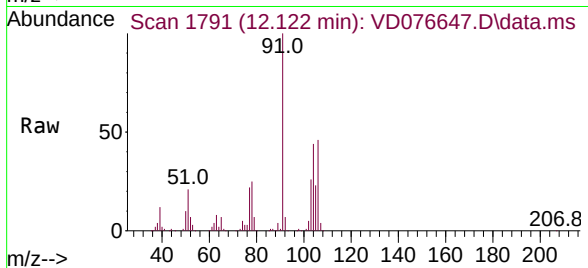
Tgt Ion:106 Resp: 123118
Ion Ratio Lower Upper
106 100
91 206.8 141.5 262.9





#54
o-Xylene
Concen: 22.824 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

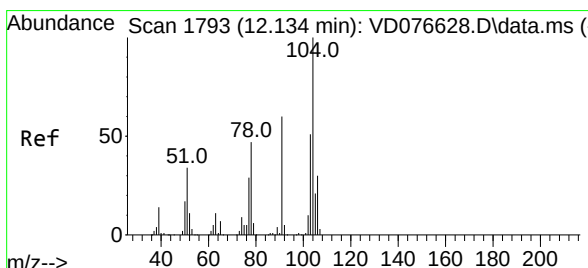
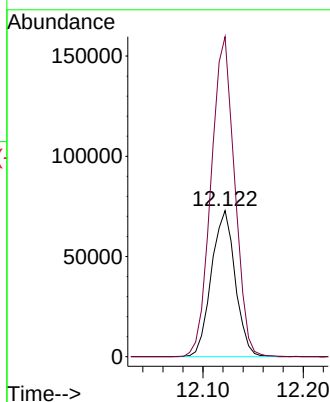
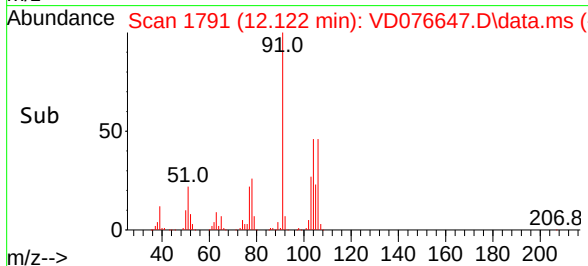
Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS



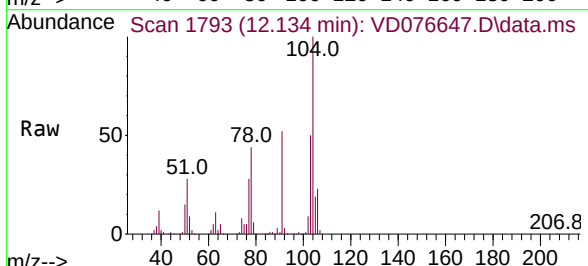
Tgt Ion:106 Resp: 120240
Ion Ratio Lower Upper
106 100
91 219.0 142.2 264.2

Manual Integrations
APPROVED

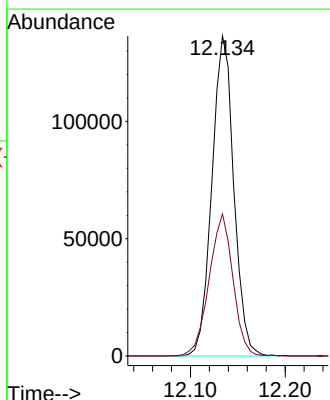
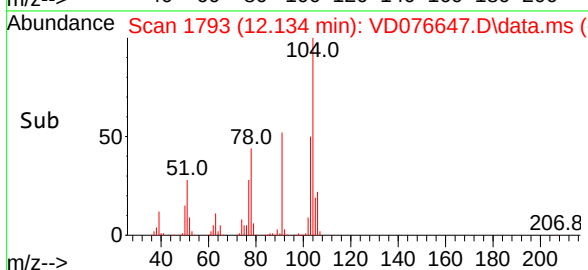
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

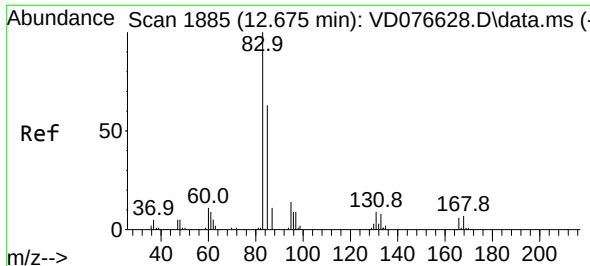


#55
Styrene
Concen: 24.088 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24



Tgt Ion:104 Resp: 219245
Ion Ratio Lower Upper
104 100
78 44.4 31.3 58.1





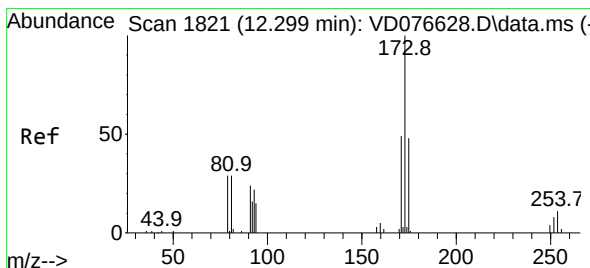
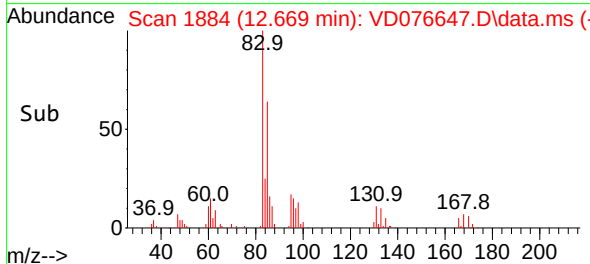
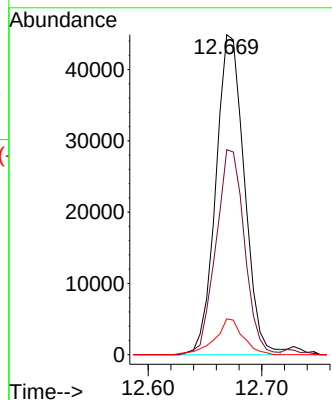
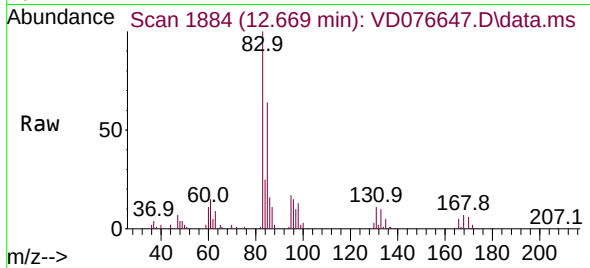
#57
1,1,2,2-Tetrachloroethane
Concen: 29.905 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS

Tgt Ion: 83 Resp: 78124
Ion Ratio Lower Upper
83 100
85 64.1 46.3 86.1
131 11.2 7.0 10.4

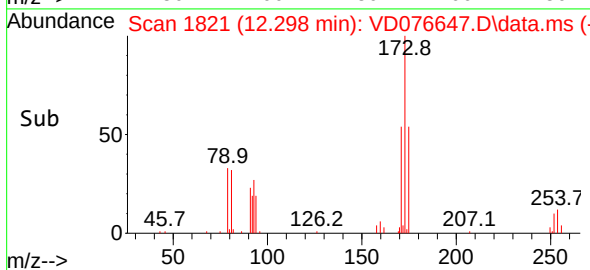
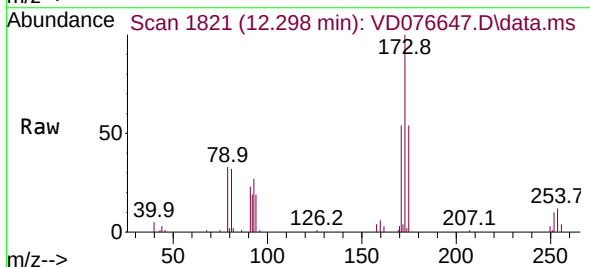
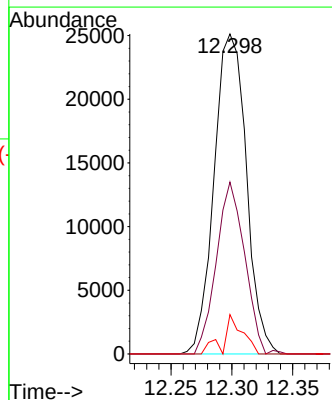
Manual Integrations
APPROVED

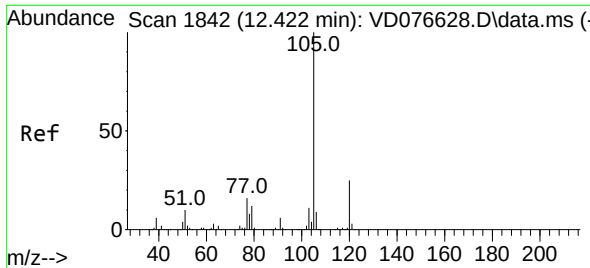
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#59
Bromoform
Concen: 27.085 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

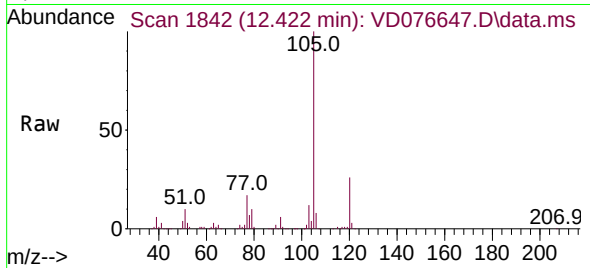
Tgt Ion:173 Resp: 46300
Ion Ratio Lower Upper
173 100
175 46.9 39.0 58.4
254 5.8 5.3 7.9





#60
Isopropylbenzene
Concen: 22.197 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

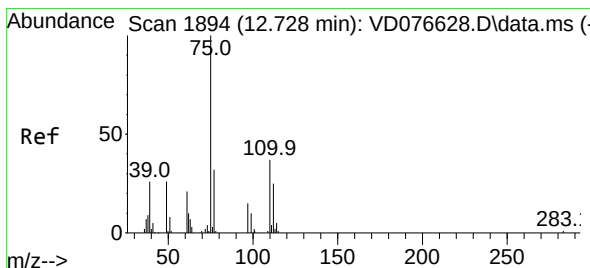
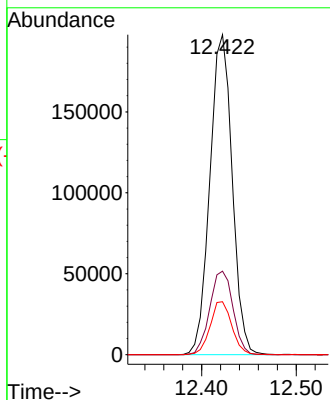
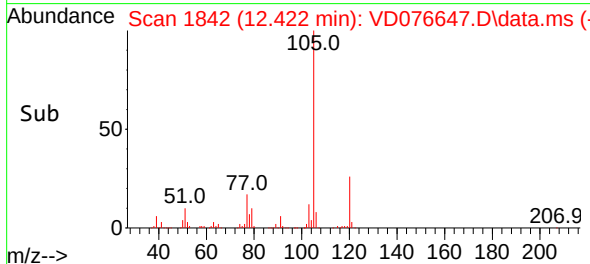
Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS



Tgt Ion:105 Resp: 32419
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 16.2 12.2 18.4

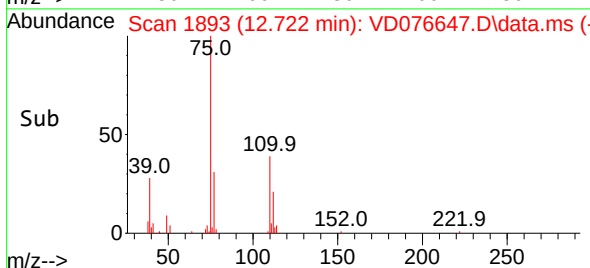
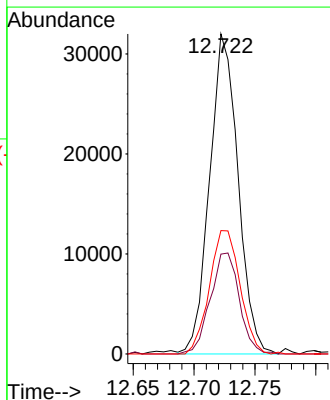
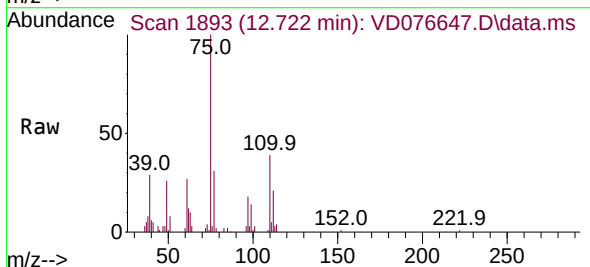
Manual Integrations
APPROVED

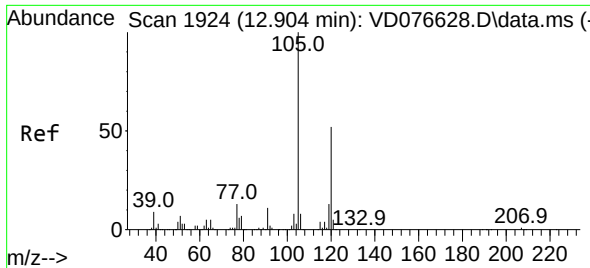
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#61
1,2,3-Trichloropropane
Concen: 28.109 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

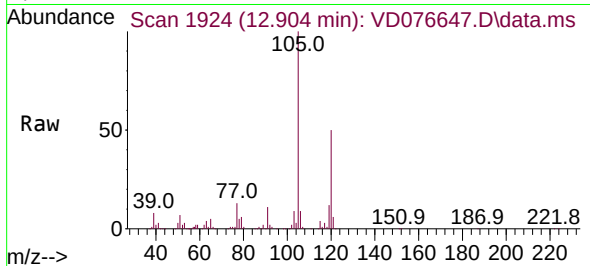
Tgt Ion: 75 Resp: 52091
Ion Ratio Lower Upper
75 100
77 32.1 27.2 40.8
110 41.5 31.8 47.6





#62
1,3,5-Trimethylbenzene
Concen: 22.536 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

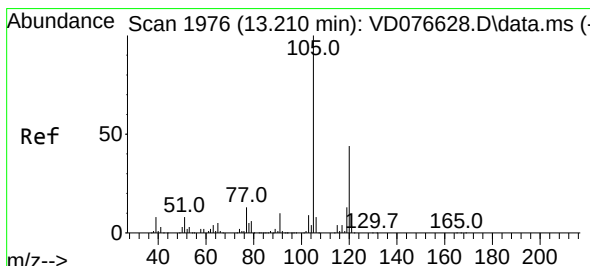
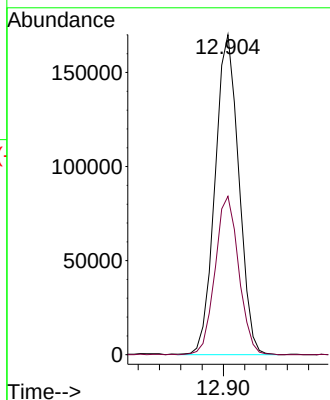
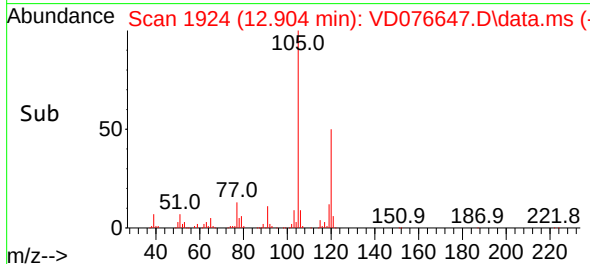
Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS



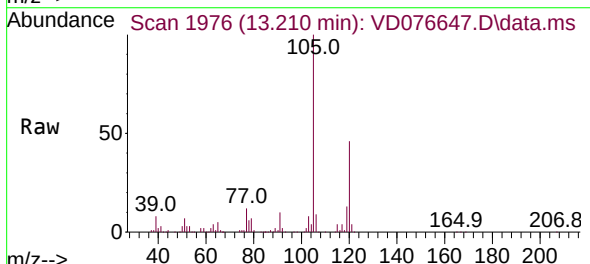
Tgt Ion:105 Resp: 263344
Ion Ratio Lower Upper
105 100
120 49.2 39.8 59.6

Manual Integrations
APPROVED

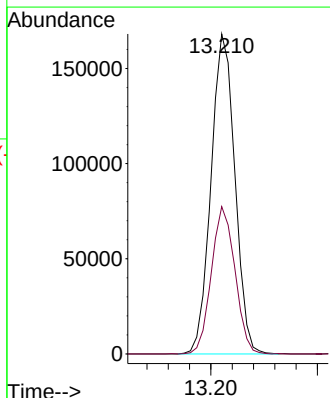
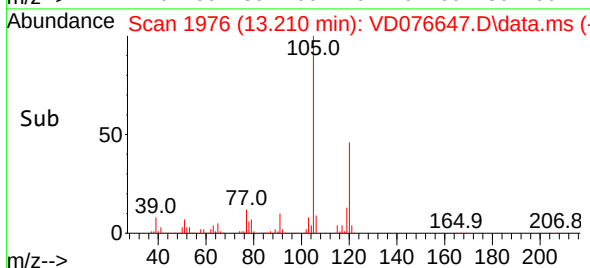
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

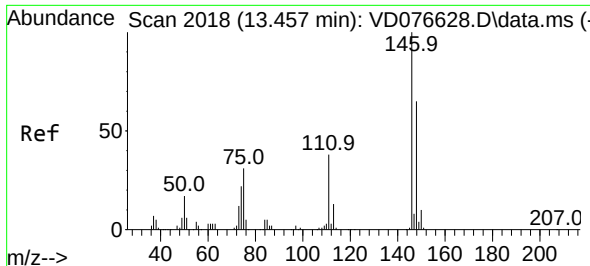


#63
1,2,4-Trimethylbenzene
Concen: 22.642 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24



Tgt Ion:105 Resp: 261096
Ion Ratio Lower Upper
105 100
120 45.5 37.5 56.3





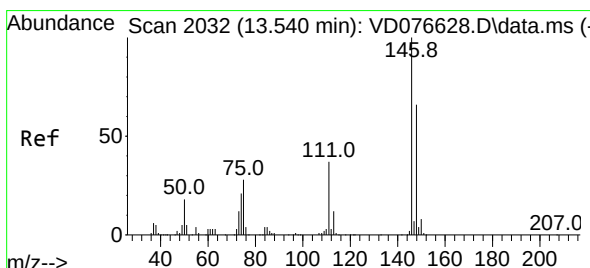
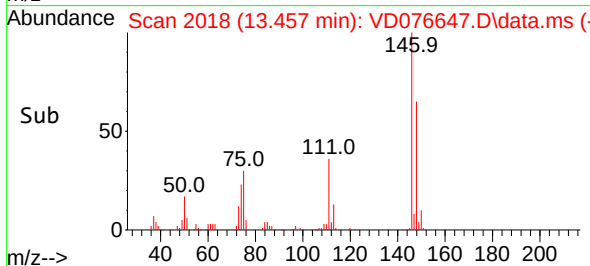
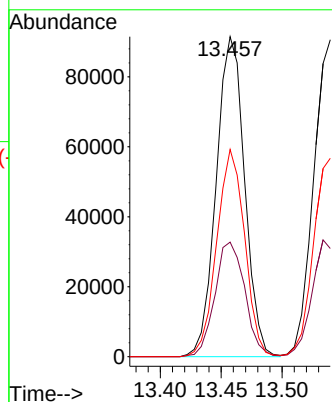
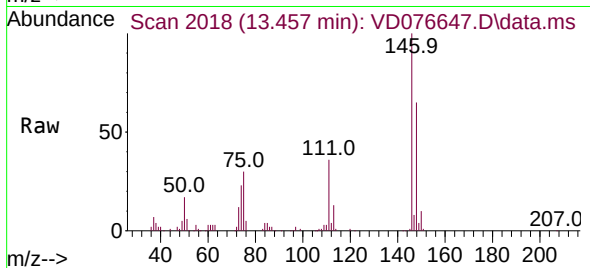
#64
1,3-Dichlorobenzene
Concen: 22.826 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS

Tgt Ion:146 Resp: 148320
Ion Ratio Lower Upper
146 100
111 35.8 25.6 47.4
148 64.7 44.3 82.3

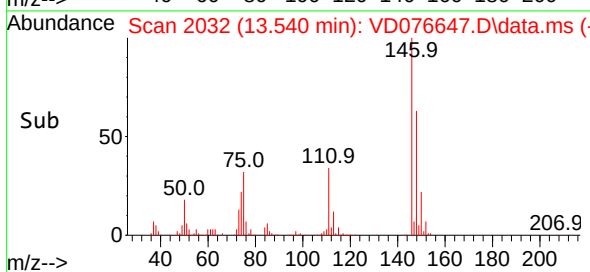
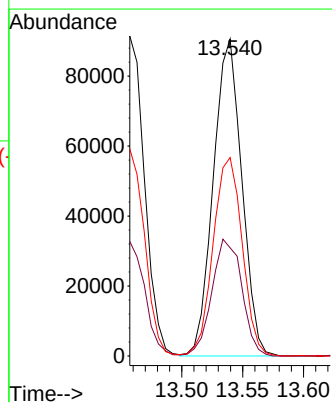
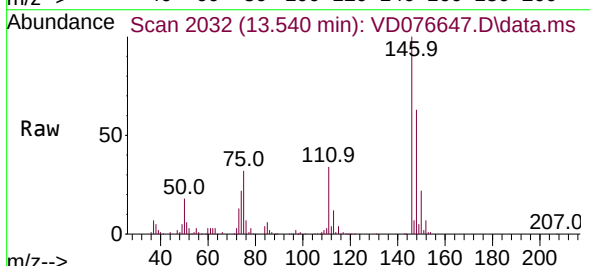
Manual Integrations
APPROVED

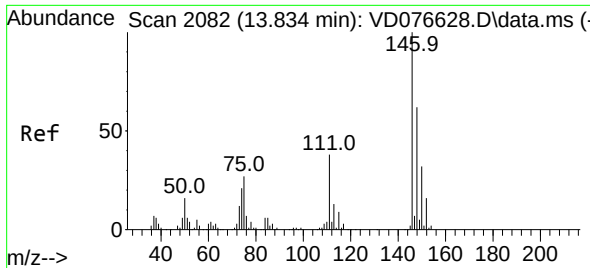
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#65
1,4-Dichlorobenzene
Concen: 22.517 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

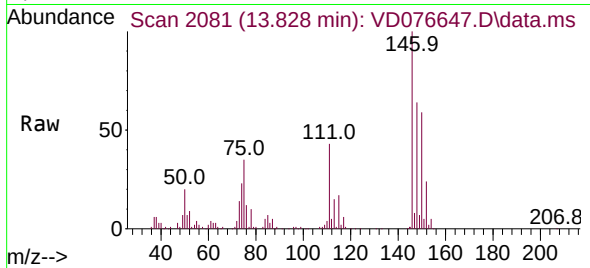
Tgt Ion:146 Resp: 147482
Ion Ratio Lower Upper
146 100
111 34.1 25.7 47.7
148 62.6 45.4 84.2





#67
1,2-Dichlorobenzene
Concen: 23.139 ug/L
RT: 13.828 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24

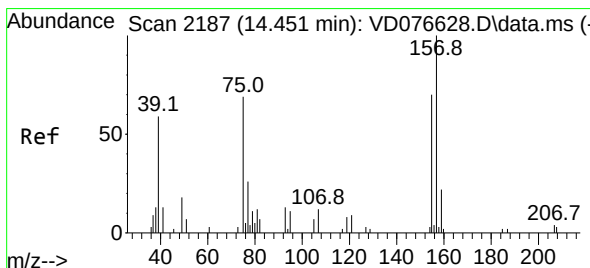
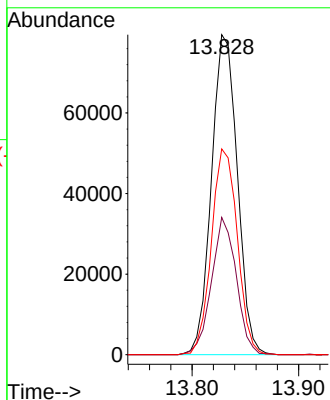
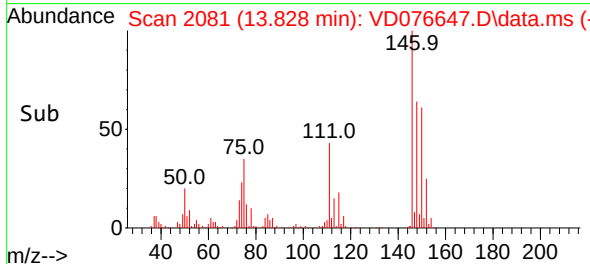
Instrument :
MSVOA_D
ClientSampleId :
A46Q2MS



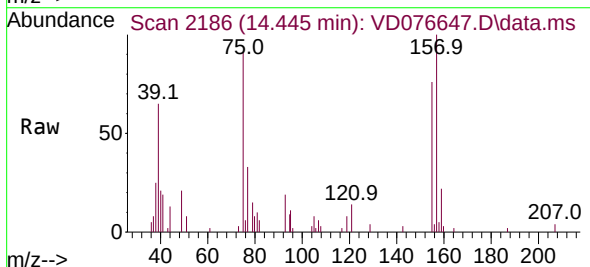
Tgt Ion:146 Resp: 13394
Ion Ratio Lower Upper
146 100
111 42.9 31.3 46.9
148 64.3 51.7 77.5

Manual Integrations
APPROVED

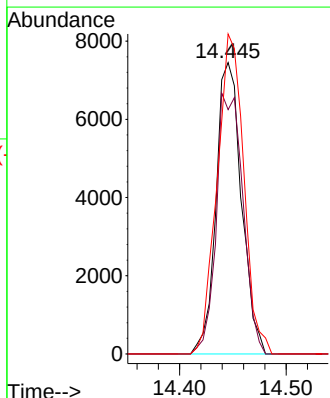
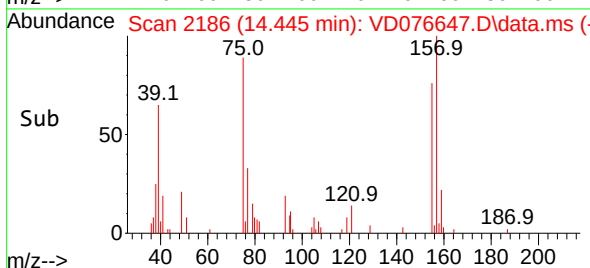
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

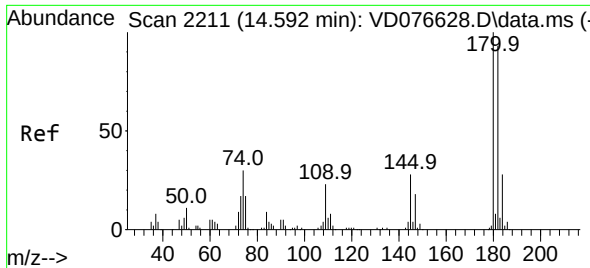


#68
1,2-Dibromo-3-chloropropane
Concen: 29.932 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076647.D
Acq: 29 Jun 2023 19:24



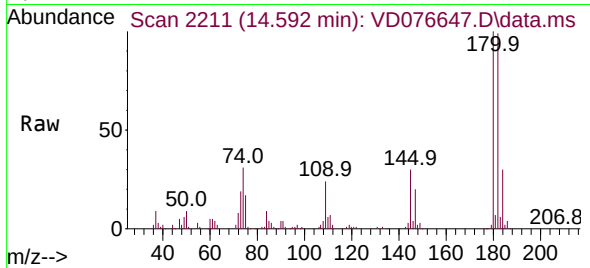
Tgt Ion: 75 Resp: 12362
Ion Ratio Lower Upper
75 100
155 83.9 76.2 114.4
157 109.8 89.4 134.2





#69
 1,3,5-Trichlorobenzene
 Concen: 22.426 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD076647.D
 Acq: 29 Jun 2023 19:24

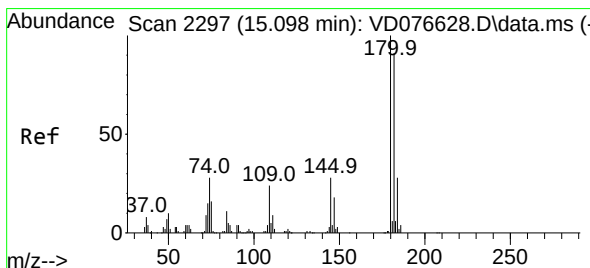
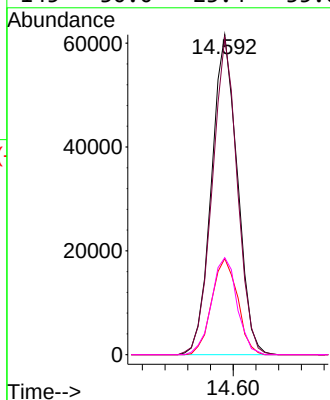
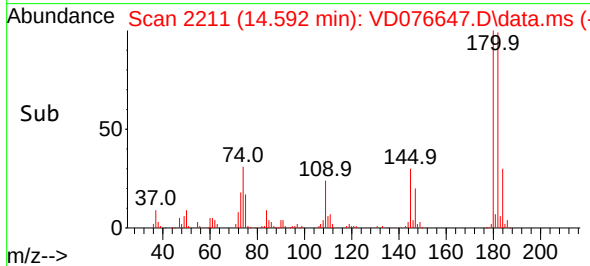
Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q2MS



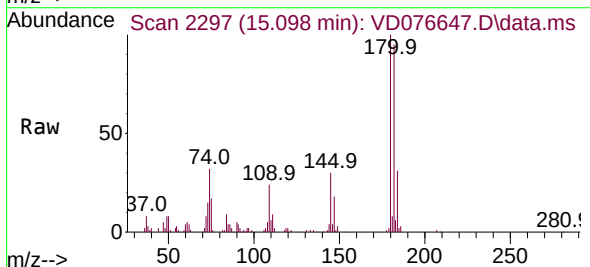
Tgt Ion:180 Resp: 97190
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.1 115.7
 184 30.0 25.0 37.4
 145 30.0 23.4 35.0

Manual Integrations
 APPROVED

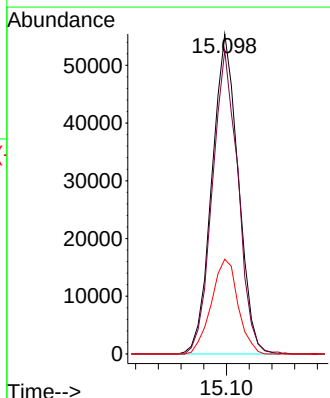
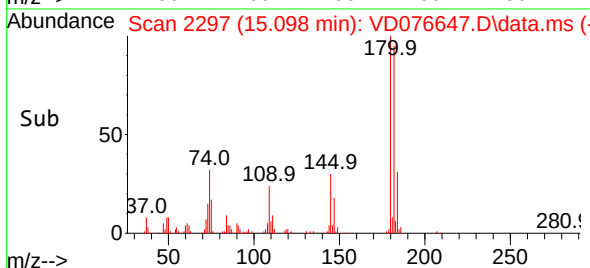
Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

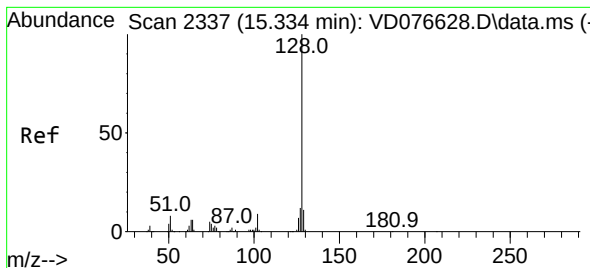


#70
 1,2,4-trichlorobenzene
 Concen: 23.057 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076647.D
 Acq: 29 Jun 2023 19:24



Tgt Ion:180 Resp: 88915
 Ion Ratio Lower Upper
 180 100
 182 92.6 76.9 115.3
 145 30.1 23.5 35.3





#71

Naphthalene

Concen: 26.822 ug/L

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD076647.D

Acq: 29 Jun 2023 19:24

Instrument :

MSVOA_D

ClientSampleId :

A46Q2MS

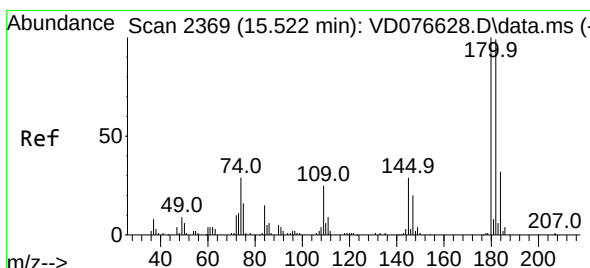
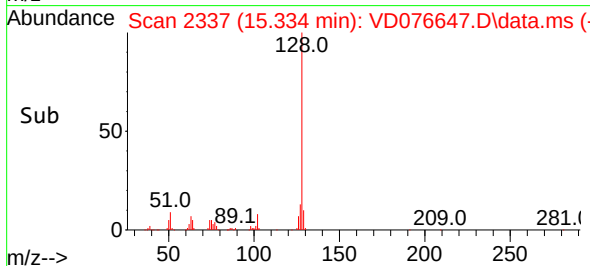
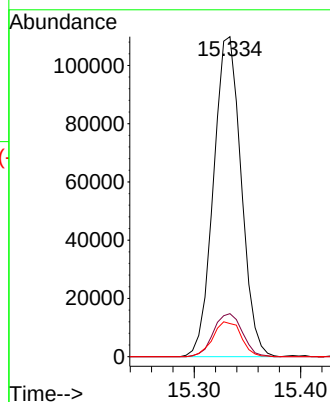
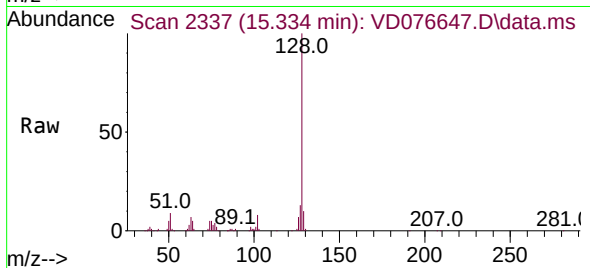
Tgt Ion:	128	Resp:	198030
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.8	16.2
129	11.3	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#72

1,2,3-Trichlorobenzene

Concen: 23.313 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076647.D

Acq: 29 Jun 2023 19:24

Tgt Ion:	180	Resp:	78072
Ion Ratio	Lower	Upper	
180	100		
182	97.4	74.3	111.5
145	31.1	25.0	37.6

